APPENDIX 5.3 BIG-1

AIR QUALITY TECHNICAL REPORT

*PART 16

3495 496363.09, 3849377.25	1.32E-04	4.18E-08	1.22E-08	1.58E-05	4.98E-09	1.45E-09	1.35E-04	4.26E-08	1.24E-08	1.82E-05	5.73E-09	1.67E-09	1.28E-04	4.05E-08	1.18E-08	8.56E-06	2.70E-09	7.86E-10
3496 496863.09, 3849377.25	1.63E-04	5.14E-08	1.49E-08	2.10E-05	6.64E-09	1.93E-09	1.66E-04	5.25E-08	1.53E-08	2.42E-05	7.65E-09	2.22E-09	1.57E-04	4.95E-08	1.44E-08	1.13E-05	3.58E-09	1.04E-09
3497 497363.09, 3849377.25	1.77E-04	5.58E-08	1.62E-08	2.38E-05	7.51E-09	2.19E-09	1.81E-04	5.70E-08	1.66E-08	2.74E-05	8.66E-09	2.52E-09	1.70E-04	5.36E-08	1.56E-08	1.28E-05	4.04E-09	1.17E-09
3498 497863.09, 3849377.25	2.11E-04	6.65E-08	1.93E-08	3.14E-05	9.90E-09	2.88E-09	2.16E-04	6.82E-08	1.98E-08	3.62E-05	1.14E-08	3.32E-09	2.01E-04	6.34E-08	1.84E-08	1.67E-05	5.29E-09	1.54E-09
3499 498363.09, 3849377.25	2.11E-04	6.66E-08	1.94E-08	3.15E-05	9.93E-09	2.89E-09	2.16E-04	6.83E-08	1.99E-08	3.63E-05	1.15E-08	3.33E-09	2.01E-04	6.35E-08	1.85E-08	1.68E-05	5.30E-09	1.54E-09
3500 471363.09, 3849877.25	1.70E-04	5.37E-08	1.56E-08	2.11E-05	6.66E-09	1.94E-09	1.74E-04	5.48E-08	1.59E-08	2.44E-05	7.70E-09	2.24E-09	1.66E-04	5.23E-08	1.52E-08	1.11E-05	3.52E-09	1.02E-09
3501 471863.09, 3849877.25	1.98E-04	6.25E-08	1.82E-08	2.38E-05	7.52E-09	2.19E-09	2.02E-04	6.38E-08	1.86E-08	2.75E-05	8.69E-09	2.53E-09	1.94E-04	6.11E-08	1.78E-08	1.25E-05	3.96E-09	1.15E-09
3502 472363.09, 3849877.25	2.19E-04	6.92E-08	2.01E-08	2.59E-05	8.17E-09	2.38E-09	2.24E-04	7.06E-08	2.05E-08	2.99E-05	9.44E-09	2.75E-09	2.15E-04	6.78E-08	1.97E-08	1.36E-05	4.30E-09	1.25E-09
3503 472863.09, 3849877.25	2.31E-04	7.28E-08	2.12E-08	2.77E-05	8.75E-09	2.54E-09	2.35E-04	7.43E-08	2.16E-08	3.21E-05	1.01E-08	2.94E-09	2.26E-04	7.12E-08	2.07E-08	1.46E-05	4.60E-09	1.34E-09
3504 473363.09, 3849877.25	2.36E-04	7.45E-08	2.17E-08	3.00E-05	9.48E-09	2.76E-09	2.41E-04	7.61E-08	2.21E-08	3.47E-05	1.10E-08	3.19E-09	2.30E-04	7.26E-08	2.11E-08	1.58E-05	4.98E-09	1.45E-09
3505 473863.09, 3849877.25	2.43E-04	7.68E-08	2.23E-08	3.32E-05	1.05E-08	3.05E-09	2.49E-04	7.86E-08	2.29E-08	3.84E-05	1.21E-08	3.52E-09	2.36E-04	7.44E-08	2.16E-08	1.74E-05	5.50E-09	1.60E-09
3506 474363.09, 3849877.25	2.48E-04	7.83E-08	2.28E-08	3.62E-05	1.14E-08	3.32E-09	2.54E-04	8.03E-08	2.33E-08	4.18E-05	1.32E-08	3.84E-09	2.39E-04	7.54E-08	2.19E-08	1.90E-05	5.99E-09	1.74E-09
3507 474863.09, 3849877.25	2.52E-04	7.95E-08	2.31E-08	3.80E-05	1.20E-08	3.49E-09	2.58E-04	8.16E-08	2.37E-08	4.39E-05	1.39E-08	4.03E-09	2.42E-04	7.63E-08	2.22E-08	1.99E-05	6.29E-09	1.83E-09
3508 475363.09, 3849877.25	2.49E-04	7.85E-08	2.28E-08	3.86E-05	1.22E-08	3.55E-09	2.55E-04	8.05E-08	2.34E-08	4.47E-05	1.41E-08	4.10E-09	2.38E-04	7.51E-08	2.18E-08	2.03E-05	6.40E-09	1.86E-09
3509 475863.09, 3849877.25	2.45E-04	7.72E-08	2.25E-08	3.90E-05	1.23E-08	3.58E-09	2.51E-04	7.93E-08	2.31E-08	4.51E-05	1.42E-08	4.14E-09	2.33E-04	7.37E-08	2.14E-08	2.04E-05	6.45E-09	1.88E-09
3510 476363.09, 3849877.25	2.47E-04	7.81E-08	2.27E-08	3.90E-05	1.23E-08	3.58E-09	2.54E-04	8.02E-08	2.33E-08	4.52E-05	1.43E-08	4.15E-09	2.36E-04	7.46E-08	2.17E-08	2.05E-05	6.46E-09	1.88E-09
3511 476863.09, 3849877.25	2.77E-04	8.75E-08	2.54E-08	3.90E-05	1.23E-08	3.58E-09	2.84E-04	8.96E-08	2.61E-08	4.52E-05	1.43E-08	4.15E-09	2.68E-04	8.45E-08	2.46E-08	2.05E-05	6.46E-09	1.88E-09
3512 477363.09, 3849877.25	3.24E-04	1.02E-07	2.97E-08	3.87E-05	1.22E-08	3.56E-09	3.30E-04	1.04E-07	3.03E-08	4.48E-05	1.41E-08	4.11E-09	3.17E-04	1.00E-07	2.91E-08	2.03E-05	6.41E-09	1.87E-09
3513 477863.09, 3849877.25	3.38E-04	1.07E-07	3.10E-08	3.72E-05	1.17E-08	3.41E-09	3.44E-04	1.09E-07	3.16E-08	4.30E-05	1.36E-08	3.95E-09	3.33E-04	1.05E-07	3.06E-08	1.95E-05	6.16E-09	1.79E-09
3514 478363.09, 3849877.25	3.16E-04	9.98E-08	2.90E-08	3.55E-05	1.12E-08	3.25E-09	3.22E-04	1.02E-07	2.96E-08	4.10E-05	1.29E-08	3.76E-09	3.11E-04	9.82E-08	2.86E-08	1.86E-05	5.88E-09	1.71E-09
3515 478863.09, 3849877.25	3.14E-04	9.91E-08	2.88E-08	4.25E-05	1.34E-08	3.90E-09	3.21E-04	1.01E-07	2.95E-08	4.91E-05	1.55E-08	4.51E-09	3.04E-04	9.61E-08	2.80E-08	2.23E-05	7.03E-09	2.04E-09
3516 479363.09, 3849877.25	2.85E-04	9.00E-08	2.62E-08	5.69E-05	1.79E-08	5.22E-09	2.95E-04	9.30E-08	2.71E-08	6.58E-05	2.08E-08	6.04E-09	2.65E-04	8.36E-08	2.43E-08	2.98E-05	9.39E-09	2.73E-09
3517 479863.09, 3849877.25	2.76E-04	8.71E-08	2.53E-08	6.24E-05	1.97E-08	5.73E-09	2.87E-04	9.05E-08	2.63E-08	7.22E-05	2.28E-08	6.63E-09	2.52E-04	7.95E-08	2.31E-08	3.26E-05	1.03E-08	3.00E-09
3518 480363.09, 3849877.25	2.32E-04	7.31E-08	2.13E-08	5.11E-05	1.61E-08	4.69E-09	2.40E-04	7.59E-08	2.21E-08	5.91E-05	1.86E-08	5.42E-09	2.12E-04	6.69E-08	1.95E-08	2.68E-05	8.45E-09	2.46E-09
3519 480863.09, 3849877.25	1.89E-04	5.98E-08	1.74E-08	3.62E-05	1.14E-08	3.33E-09	1.96E-04	6.17E-08	1.80E-08	4.19E-05	1.32E-08	3.85E-09	1.76E-04	5.57E-08	1.62E-08	1.91E-05	6.02E-09	1.75E-09
3520 481363.09, 3849877.25	1.74E-04	5.49E-08	1.60E-08	3.20E-05	1.01E-08	2.93E-09	1.79E-04	5.66E-08	1.65E-08	3.69E-05	1.17E-08	3.39E-09	1.63E-04	5.13E-08	1.49E-08	1.69E-05	5.33E-09	1.55E-09
3521 481863.09, 3849877.25	1.27E-04	4.00E-08	1.16E-08	1.99E-05	6.27E-09	1.82E-09	1.30E-04	4.11E-08	1.19E-08	2.29E-05	7.24E-09	2.10E-09	1.21E-04	3.80E-08	1.11E-08	1.06E-05	3.33E-09	9.69E-10
3522 482363.09, 3849877.25	1.14E-04	3.59E-08	1.04E-08	1.62E-05	5.12E-09	1.49E-09	1.16E-04	3.68E-08	1.07E-08	1.87E-05	5.90E-09	1.72E-09	1.09E-04	3.44E-08	1.00E-08	8.65E-06	2.73E-09	7.94E-10
3523 482863.09, 3849877.25	1.04E-04	3.28E-08	9.54E-09	1.38E-05	4.35E-09	1.26E-09	1.06E-04	3.35E-08	9.75E-09	1.59E-05	5.01E-09	1.46E-09	1.00E-04	3.16E-08	9.20E-09	7.38E-06	2.33E-09	6.78E-10
3524 483363.09, 3849877.25	9.72E-05	3.07E-08	8.92E-09	1.22E-05	3.84E-09	1.12E-09	9.92E-05	3.13E-08	9.10E-09	1.40E-05	4.42E-09	1.29E-09	9.40E-05	2.97E-08	8.63E-09	6.54E-06	2.07E-09	6.01E-10
3525 483863.09, 3849877.25	9.79E-05	3.09E-08	8.99E-09	1.23E-05	3.87E-09	1.13E-09	9.99E-05	3.15E-08	9.17E-09	1.41E-05	4.46E-09	1.30E-09	9.47E-05	2.99E-08	8.69E-09	6.60E-06	2.08E-09	6.06E-10
3526 484363.09, 3849877.25	1.14E-04	3.60E-08	1.05E-08	1.63E-05	5.14E-09	1.49E-09	1.17E-04	3.69E-08	1.07E-08	1.88E-05	5.92E-09	1.72E-09	1.09E-04	3.45E-08	1.00E-08	8.71E-06	2.75E-09	8.00E-10
3527 484863.09, 3849877.25	1.36E-04	4.30E-08	1.25E-08	2.14E-05	6.76E-09	1.97E-09	1.40E-04	4.41E-08	1.28E-08	2.47E-05	7.80E-09	2.27E-09	1.29E-04	4.08E-08	1.19E-08	1.14E-05	3.60E-09	1.05E-09
3528 485363.09, 3849877.25	1.35E-04	4.26E-08	1.24E-08	1.90E-05	6.00E-09	1.75E-09	1.38E-04	4.36E-08	1.27E-08	2.19E-05	6.92E-09	2.01E-09	1.29E-04	4.08E-08	1.19E-08	1.02E-05	3.22E-09	9.36E-10
3529 485863.09, 3849877.25	1.21E-04	3.83E-08	1.11E-08	1.50E-05	4.72E-09	1.37E-09	1.24E-04	3.90E-08	1.14E-08	1.72E-05	5.44E-09	1.58E-09	1.17E-04	3.70E-08	1.08E-08	8.09E-06	2.55E-09	7.43E-10
3530 486363.09, 3849877.25	1.12E-04	3.52E-08	1.02E-08	1.34E-05	4.22E-09	1.23E-09	1.14E-04	3.59E-08	1.05E-08	1.54E-05	4.86E-09	1.41E-09	1.08E-04	3.41E-08	9.93E-09	7.23E-06	2.28E-09	6.64E-10
3531 486863.09, 3849877.25	1.14E-04	3.61E-08	1.05E-08	1.45E-05	4.57E-09	1.33E-09	1.17E-04	3.69E-08	1.07E-08	1.67E-05	5.27E-09	1.53E-09	1.11E-04	3.49E-08	1.01E-08	7.80E-06	2.46E-09	7.16E-10
3532 487363.09, 3849877.25	1.10E-04	3.48E-08	1.01E-08	1.37E-05	4.33E-09	1.26E-09	1.13E-04	3.55E-08	1.03E-08	1.58E-05	4.99E-09	1.45E-09	1.07E-04	3.37E-08	9.81E-09	7.38E-06	2.33E-09	6.78E-10
3533 487863.09, 3849877.25	1.06E-04	3.36E-08	9.77E-09	1.33E-05	4.19E-09	1.22E-09	1.09E-04	3.43E-08	9.97E-09	1.53E-05	4.83E-09	1.40E-09	1.03E-04	3.25E-08	9.45E-09	7.14E-06	2.26E-09	6.56E-10
3534 488363.09, 3849877.25	1.09E-04	3.45E-08	1.00E-08	1.33E-05	4.21E-09	1.22E-09	1.12E-04	3.52E-08	1.02E-08	1.54E-05	4.85E-09	1.41E-09	1.06E-04	3.35E-08	9.73E-09	7.20E-06	2.27E-09	6.61E-10
3535 488863.09, 3849877.25	1.15E-04	3.64E-08	1.06E-08	1.40E-05	4.42E-09	1.29E-09	1.18E-04	3.72E-08	1.08E-08	1.61E-05	5.09E-09	1.48E-09	1.12E-04	3.53E-08	1.03E-08	7.57E-06	2.39E-09	6.95E-10
3536 489363.09, 3849877.25	1.20E-04	3.77E-08	1.10E-08	1.44E-05	4.55E-09	1.32E-09	1.22E-04	3.85E-08	1.12E-08	1.66E-05	5.24E-09	1.52E-09	1.16E-04	3.65E-08	1.06E-08	7.80E-06	2.46E-09	7.16E-10
3537 489863.09, 3849877.25	1.19E-04	3.77E-08	1.10E-08	1.44E-05	4.54E-09	1.32E-09	1.22E-04	3.84E-08	1.12E-08	1.66E-05	5.23E-09	1.52E-09	1.16E-04	3.65E-08	1.06E-08	7.79E-06	2.46E-09	7.15E-10
3538 490363.09, 3849877.25	1.17E-04	3.71E-08	1.08E-08	1.43E-05	4.50E-09	1.31E-09	1.20E-04	3.78E-08	1.10E-08	1.64E-05	5.18E-09	1.51E-09	1.14E-04	3.59E-08	1.04E-08	7.71E-06	2.43E-09	7.08E-10
3539 490863.09, 3849877.25	1.21E-04	3.82E-08	1.11E-08	1.46E-05	4.62E-09	1.34E-09	1.23E-04	3.90E-08	1.13E-08	1.68E-05	5.32E-09	1.55E-09	1.17E-04	3.70E-08	1.08E-08	7.92E-06	2.50E-09	7.27E-10
3540 491363.09, 3849877.25	1.23E-04	3.87E-08	1.13E-08	1.49E-05	4.69E-09	1.36E-09	1.25E-04	3.95E-08	1.15E-08	1.71E-05	5.40E-09	1.57E-09	1.19E-04	3.75E-08	1.09E-08	8.03E-06	2.54E-09	7.38E-10
3541 491863.09, 3849877.25	1.20E-04	3.78E-08	1.10E-08	1.45E-05	4.57E-09	1.33E-09	1.22E-04	3.86E-08	1.12E-08	1.67E-05	5.27E-09	1.53E-09	1.16E-04	3.67E-08	1.07E-08	7.84E-06	2.47E-09	7.19E-10
3542 492363.09, 3849877.25	1.19E-04	3.76E-08	1.09E-08	1.47E-05	4.64E-09	1.35E-09	1.22E-04	3.84E-08	1.12E-08	1.69E-05	5.35E-09	1.56E-09	1.15E-04	3.64E-08	1.06E-08	7.95E-06	2.51E-09	7.29E-10
3543 492863.09, 3849877.25	1.18E-04	3.72E-08	1.08E-08	1.45E-05	4.56E-09	1.33E-09	1.20E-04	3.80E-08	1.10E-08	1.66E-05	5.25E-09	1.53E-09	1.14E-04	3.60E-08	1.05E-08	7.81E-06	2.47E-09	7.17E-10
3544 493363.09, 3849877.25	1.18E-04	3.73E-08	1.09E-08	1.42E-05	4.48E-09	1.30E-09	1.21E-04	3.80E-08	1.11E-08	1.63E-05	5.16E-09	1.50E-09	1.15E-04	3.62E-08	1.05E-08	7.68E-06	2.42E-09	7.05E-10
3545 493863.09, 3849877.25	1.22E-04	3.84E-08	1.12E-08	1.47E-05	4.63E-09	1.35E-09	1.24E-04	3.92E-08	1.14E-08	1.69E-05	5.33E-09	1.55E-09	1.18E-04	3.72E-08	1.08E-08	7.93E-06	2.50E-09	7.28E-10
3546 494363.09, 3849877.25	1.43E-04	4.50E-08	1.31E-08	1.83E-05	5.77E-09	1.68E-09	1.46E-04	4.60E-08	1.34E-08	2.11E-05	6.64E-09	1.93E-09	1.38E-04	4.35E-08	1.26E-08	9.85E-06	3.11E-09	9.04E-10
3547 494863.09, 3849877.25	1.62E-04	5.10E-08	1.48E-08	2.14E-05	6.77E-09	1.97E-09	1.65E-04	5.21E-08	1.52E-08	2.47E-05	7.80E-09	2.27E-09	1.56E-04	4.91E-08	1.43E-08	1.15E-05	3.64E-09	1.06E-09
3548 495363.09, 3849877.25	1.58E-04	4.99E-08	1.45E-08	2.04E-05	6.42E-09	1.87E-09	1.61E-04	5.10E-08	1.48E-08	2.34E-05	7.40E-09	2.15E-09	1.52E-04	4.81E-08	1.40E-08	1.10E-05	3.46E-09	1.01E-09
3549 495863.09, 3849877.25	1.80E-04	5.70E-08	1.66E-08	2.42E-05	7.63E-09	2.22E-09	1.84E-04	5.82E-08	1.69E-08	2.79E-05	8.80E-09	2.56E-09	1.74E-04	5.48E-08	1.59E-08	1.30E-05	4.10E-09	1.19E-09
3550 496363.09, 3849877.25	1.94E-04	6.11E-08	1.78E-08	2.67E-05	8.41E-09	2.45E-09	1.98E-04	6.25E-08	1.82E-08	3.07E-05	9.70E-09	2.82E-09	1.86E-04	5.86E-08	1.70E-08	1.43E-05	4.51E-09	1.31E-09
3551 496863.09, 3849877.25	2.03E-04	6.40E-08	1.86E-08	2.88E-05	9.08E-09	2.64E-09	2.08E-04	6.55E-08	1.91E-08	3.32E-05	1.05E-08	3.05E-09	1.94E-04	6.12E-08	1.78E-08	1.54E-05	4.87E-09	1.42E-09
3552 497363.09, 3849877.25	2.30E-04	7.25E-08	2.11E-08	3.51E-05	1.11E-08	3.22E-09	2.36E-04	7.44E-08	2.16E-08	4.05E-05	1.28E-08	3.71E-09	2.19E-04	6.90E-08	2.01E-08	1.87E-05	5.90E-09	1.72E-09
3553 497863.09, 3849877.25	2.44E-04	7.69E-08	2.24E-08	3.85E-05	1.21E-08	3.53E-09	2.50E-04	7.89E-08	2.30E-08	4.44E-05	1.40E-08	4.08E-09	2.31E-04	7.29E-08	2.12E-08	2.05E-05	6.46E-09	1.88E-09
3554 498363.09, 3849877.25	2.45E-04	7.73E-08	2.25E-08	3.83E-05	1.21E-08	3.52E-09	2.51E-04	7.93E-08	2.31E-08	4.42E-05	1.39E-08	4.06E-09	2.33E-04	7.34E-08	2.14E-08	2.04E-05	6.44E-09	1.87E-09
3555 471363.09, 3850377.25	1.38E-04	4.35E-08	1.26E-08	1.89E-05	5.96E-09	1.73E-09	1.41E-04	4.45E-08	1.29E-08	2.18E-05	6.89E-09	2.00E-09	1.33E-04	4.19E-08	1.22E-08	1.00E-05	3.16E-09	9.18E-10
3556 471863.09, 3850377.25	1.74E-04	5.48E-08	1.59E-08	2.26E-05	7.12E-09	2.07E-09	1.78E-04	5.60E-08	1.63E-08	2.61E-05	8.23E-09	2.39E-09	1.69E-04	5.32E-08	1.55E-08	1.19E-05	3.76E-09	1.09E-09
3557 472363.09, 3850377.25	1.96E-04	6.18E-08	1.80E-08	2.45E-05	7.72E-09	2.25E-09	2.00E-04	6.31E-08	1.84E-08	2.83E-05	8.93E-09	2.60E-09	1.91E-04	6.02E-08	1.75E-08	1.29E-05	4.07E-09	1.18E-09
3558 472863.09, 3850377.25	2.33E-04	7.35E-08	2.14E-08	2.74E-05	8.66E-09	2.52E-09	2.38E-04	7.50E-08	2.18E-08	3.17E-05	1.00E-08	2.91E-09	2.28E-04	7.20E-08	2.10E-08	1.44E-05	4.56E-09	1.33E-09
3559 473363.09, 3850377.25	2.40E-04	7.56E-08	2.20E-08	2.91E-05	9.18E-09	2.67E-09	2.45E-04	7.72E-08	2.25E-08	3.36E-05	1.06E-08	3.09E-09	2.34E-04	7.39E-08	2.15E-08	1.53E-05	4.83E-09	1.40E-09
3560 473863.09, 3850377.25	2.53E-04	7.99E-08	2.33E-08	3.14E-05	9.92E-09	2.88E-09	2.59E-04	8.16E-08	2.37E-08	3.63E-05	1.15E-08	3.34E-09	2.47E-04	7.80E-08	2.27E-08	1.65E-05	5.21E-09	1.52E-09

3561 474363.09, 3850377.25	2.66E-04	8.40E-08	2.44E-08	3.45E-05	1.09E-08	3.17E-09	2.72E-04	8.59E-08	2.50E-08	3.99E-05	1.26E-08	3.66E-09	2.59E-04	8.17E-08	2.38E-08	1.81E-05	5.71E-09	1.66E-09
3562 474863.09, 3850377.25	2.73E-04	8.63E-08	2.51E-08	3.81E-05	1.20E-08	3.50E-09	2.80E-04	8.84E-08	2.57E-08	4.41E-05	1.39E-08	4.05E-09	2.64E-04	8.35E-08	2.43E-08	2.00E-05	6.31E-09	1.83E-09
3563 475363.09, 3850377.25	2.80E-04	8.84E-08	2.57E-08	4.14E-05	1.31E-08	3.80E-09	2.87E-04	9.06E-08	2.64E-08	4.79E-05	1.51E-08	4.39E-09	2.69E-04	8.50E-08	2.47E-08	2.17E-05	6.85E-09	1.99E-09
3564 475863.09, 3850377.25	2.80E-04	8.83E-08	2.57E-08	4.34E-05	1.37E-08	3.99E-09	2.87E-04	9.07E-08	2.64E-08	5.03E-05	1.59E-08	4.61E-09	2.68E-04	8.45E-08	2.46E-08	2.28E-05	7.19E-09	2.09E-09
3565 476363.09, 3850377.25	2.75E-04	8.67E-08	2.52E-08	4.43E-05	1.40E-08	4.07E-09	2.82E-04	8.91E-08	2.59E-08	5.13E-05	1.62E-08	4.71E-09	2.62E-04	8.27E-08	2.41E-08	2.32E-05	7.33E-09	2.13E-09
3566 476863.09, 3850377.25	2.77E-04	8.73E-08	2.54E-08	4.46E-05	1.41E-08	4.10E-09	2.84E-04	8.97E-08	2.61E-08	5.16E-05	1.63E-08	4.74E-09	2.64E-04	8.32E-08	2.42E-08	2.34E-05	7.38E-09	2.15E-09
3567 477363.09, 3850377.25	3.09E-04	9.75E-08	2.84E-08	4.48E-05	1.41E-08	4.11E-09	3.16E-04	9.99E-08	2.91E-08	5.18E-05	1.63E-08	4.75E-09	2.98E-04	9.39E-08	2.73E-08	2.35E-05	7.40E-09	2.15E-09
3568 477863.09, 3850377.25	3.61E-04	1.14E-07	3.31E-08	4.46E-05	1.41E-08	4.10E-09	3.68E-04	1.16E-07	3.38E-08	5.16E-05	1.63E-08	4.74E-09	3.52E-04	1.11E-07	3.23E-08	2.34E-05	7.38E-09	2.15E-09
3569 478363.09, 3850377.25	3.76E-04	1.19E-07	3.45E-08	4.32E-05	1.36E-08	3.96E-09	3.83E-04	1.21E-07	3.52E-08	4.99E-05	1.58E-08	4.58E-09	3.69E-04	1.17E-07	3.39E-08	2.26E-05	7.14E-09	2.08E-09
3570 478863.09, 3850377.25	3.78E-04	1.19E-07	3.47E-08	4.20E-05	1.33E-08	3.85E-09	3.85E-04	1.22E-07	3.54E-08	4.86E-05	1.53E-08	4.46E-09	3.72E-04	1.18E-07	3.42E-08	2.20E-05	6.95E-09	2.02E-09
3571 479363.09, 3850377.25	3.71E-04	1.17E-07	3.41E-08	4.89E-05	1.54E-08	4.49E-09	3.80E-04	1.20E-07	3.48E-08	5.66E-05	1.79E-08	5.19E-09	3.61E-04	1.14E-07	3.31E-08	2.56E-05	8.09E-09	2.35E-09
3572 479863.09, 3850377.25	3.39E-04	1.07E-07	3.11E-08	6.59E-05	2.08E-08	6.05E-09	3.50E-04	1.10E-07	3.21E-08	7.63E-05	2.41E-08	7.00E-09	3.16E-04	9.97E-08	2.90E-08	3.45E-05	1.09E-08	3.16E-09
3573 480363.09, 3850377.25	3.12E-04	9.86E-08	2.87E-08	7.17E-05	2.26E-08	6.58E-09	3.25E-04	1.02E-07	2.98E-08	8.30E-05	2.62E-08	7.62E-09	2.85E-04	8.98E-08	2.61E-08	3.75E-05	1.18E-08	3.44E-09
3574 480863.09, 3850377.25	2.88E-04	9.08E-08	2.64E-08	6.20E-05	1.96E-08	5.69E-09	2.98E-04	9.41E-08	2.74E-08	7.18E-05	2.26E-08	6.59E-09	2.64E-04	8.34E-08	2.43E-08	3.25E-05	1.02E-08	2.98E-09
3575 481363.09, 3850377.25	2.01E-04	6.35E-08	1.85E-08	3.94E-05	1.24E-08	3.61E-09	2.08E-04	6.57E-08	1.91E-08	4.55E-05	1.44E-08	4.18E-09	1.87E-04	5.90E-08	1.72E-08	2.07E-05	6.54E-09	1.90E-09
3576 481863.09, 3850377.25	1.93E-04	6.08E-08	1.77E-08	3.63E-05	1.15E-08	3.34E-09	1.99E-04	6.27E-08	1.82E-08	4.20E-05	1.33E-08	3.86E-09	1.79E-04	5.66E-08	1.65E-08	1.92E-05	6.06E-09	1.76E-09
3577 482363.09, 3850377.25	1.76E-04	5.54E-08	1.61E-08	3.22E-05	1.02E-08	2.96E-09	1.81E-04	5.71E-08	1.66E-08	3.73E-05	1.18E-08	3.42E-09	1.64E-04	5.18E-08	1.51E-08	1.70E-05	5.38E-09	1.56E-09
3578 482863.09, 3850377.25	1.34E-04	4.22E-08	1.23E-08	2.12E-05	6.68E-09	1.94E-09	1.37E-04	4.34E-08	1.26E-08	2.45E-05	7.72E-09	2.24E-09	1.27E-04	4.01E-08	1.17E-08	1.13E-05	3.55E-09	1.03E-09
3579 483363.09, 3850377.25	1.17E-04	3.68E-08	1.07E-08	1.66E-05	5.23E-09	1.52E-09	1.20E-04	3.77E-08	1.10E-08	1.91E-05	6.03E-09	1.75E-09	1.12E-04	3.53E-08	1.03E-08	8.85E-06	2.79E-09	8.12E-10
3580 483863.09, 3850377.25	1.22E-04	3.86E-08	1.12E-08	1.77E-05	5.57E-09	1.62E-09	1.25E-04	3.96E-08	1.15E-08	2.04E-05	6.43E-09	1.87E-09	1.17E-04	3.70E-08	1.08E-08	9.43E-06	2.98E-09	8.66E-10
3581 484363.09, 3850377.25	1.37E-04	4.34E-08	1.26E-08	2.20E-05	6.94E-09	2.02E-09	1.41E-04	4.45E-08	1.30E-08	2.54E-05	8.01E-09	2.33E-09	1.30E-04	4.11E-08	1.19E-08	1.17E-05	3.69E-09	1.07E-09
3582 484863.09, 3850377.25	1.52E-04	4.80E-08	1.40E-08	2.60E-05	8.22E-09	2.39E-09	1.56E-04	4.94E-08	1.44E-08	3.01E-05	9.49E-09	2.76E-09	1.43E-04	4.51E-08	1.31E-08	1.38E-05	4.36E-09	1.27E-09
3583 485363.09, 3850377.25	1.57E-04	4.95E-08	1.44E-08	2.42E-05	7.64E-09	2.22E-09	1.61E-04	5.08E-08	1.48E-08	2.79E-05	8.81E-09	2.56E-09	1.49E-04	4.70E-08	1.37E-08	1.29E-05	4.08E-09	1.19E-09
3584 485863.09, 3850377.25	1.48E-04	4.68E-08	1.36E-08	2.04E-05	6.45E-09	1.88E-09	1.52E-04	4.79E-08	1.39E-08	2.35E-05	7.43E-09	2.16E-09	1.42E-04	4.48E-08	1.30E-08	1.10E-05	3.46E-09	1.01E-09
3585 486363.09, 3850377.25	1.42E-04	4.49E-08	1.31E-08	1.91E-05	6.02E-09	1.75E-09	1.45E-04	4.59E-08	1.33E-08	2.20E-05	6.94E-09	2.02E-09	1.36E-04	4.31E-08	1.25E-08	1.03E-05	3.24E-09	9.42E-10
3586 486863.09, 3850377.25	1.39E-04	4.38E-08	1.27E-08	1.83E-05	5.79E-09	1.68E-09	1.42E-04	4.48E-08	1.30E-08	2.11E-05	6.67E-09	1.94E-09	1.34E-04	4.22E-08	1.23E-08	9.85E-06	3.11E-09	9.04E-10
3587 487363.09, 3850377.25	1.28E-04	4.03E-08	1.17E-08	1.67E-05	5.28E-09	1.54E-09	1.31E-04	4.12E-08	1.20E-08	1.93E-05	6.08E-09	1.77E-09	1.23E-04	3.89E-08	1.13E-08	8.97E-06	2.83E-09	8.23E-10
3588 487863.09, 3850377.25	1.24E-04	3.91E-08	1.14E-08	1.63E-05	5.16E-09	1.50E-09	1.27E-04	3.99E-08	1.16E-08	1.88E-05	5.95E-09	1.73E-09	1.19E-04	3.77E-08	1.10E-08	8.76E-06	2.77E-09	8.04E-10
3589 488363.09, 3850377.25	1.28E-04	4.04E-08	1.17E-08	1.67E-05	5.28E-09	1.54E-09	1.31E-04	4.13E-08	1.20E-08	1.93E-05	6.09E-09	1.77E-09	1.23E-04	3.89E-08	1.13E-08	8.99E-06	2.84E-09	8.25E-10
3590 488863.09, 3850377.25	1.34E-04	4.24E-08	1.23E-08	1.76E-05	5.55E-09	1.61E-09	1.37E-04	4.33E-08	1.26E-08	2.02E-05	6.39E-09	1.86E-09	1.29E-04	4.08E-08	1.19E-08	9.44E-06	2.98E-09	8.67E-10
3591 489363.09, 3850377.25	1.38E-04	4.37E-08	1.27E-08	1.77E-05	5.59E-09	1.63E-09	1.41E-04	4.46E-08	1.30E-08	2.04E-05	6.44E-09	1.87E-09	1.34E-04	4.22E-08	1.23E-08	9.54E-06	3.01E-09	8.76E-10
3592 489863.09, 3850377.25	1.38E-04	4.35E-08	1.27E-08	1.77E-05	5.57E-09	1.62E-09	1.41E-04	4.44E-08	1.29E-08	2.03E-05	6.42E-09	1.87E-09	1.33E-04	4.20E-08	1.22E-08	9.52E-06	3.00E-09	8.74E-10
3593 490363.09, 3850377.25	1.39E-04	4.39E-08	1.28E-08	1.80E-05	5.68E-09	1.65E-09	1.42E-04	4.49E-08	1.30E-08	2.07E-05	6.54E-09	1.90E-09	1.34E-04	4.23E-08	1.23E-08	9.70E-06	3.06E-09	8.90E-10
3594 490863.09, 3850377.25	1.43E-04	4.51E-08	1.31E-08	1.82E-05	5.73E-09	1.67E-09	1.46E-04	4.60E-08	1.34E-08	2.09E-05	6.60E-09	1.92E-09	1.38E-04	4.35E-08	1.27E-08	9.79E-06	3.09E-09	8.98E-10
3595 491363.09, 3850377.25	1.44E-04	4.56E-08	1.33E-08	1.86E-05	5.88E-09	1.71E-09	1.48E-04	4.66E-08	1.35E-08	2.15E-05	6.77E-09	1.97E-09	1.39E-04	4.40E-08	1.28E-08	1.00E-05	3.16E-09	9.20E-10
3596 491863.09, 3850377.25	1.42E-04	4.48E-08	1.30E-08	1.85E-05	5.85E-09	1.70E-09	1.45E-04	4.58E-08	1.33E-08	2.14E-05	6.74E-09	1.96E-09	1.37E-04	4.32E-08	1.26E-08	9.97E-06	3.15E-09	9.15E-10
3597 492363.09, 3850377.25	1.40E-04	4.43E-08	1.29E-08	1.83E-05	5.79E-09	1.68E-09	1.43E-04	4.52E-08	1.32E-08	2.11E-05	6.67E-09	1.94E-09	1.35E-04	4.27E-08	1.24E-08	9.87E-06	3.11E-09	9.06E-10
3598 492863.09, 3850377.25	1.44E-04	4.54E-08	1.32E-08	1.88E-05	5.92E-09	1.72E-09	1.47E-04	4.64E-08	1.35E-08	2.16E-05	6.83E-09	1.99E-09	1.39E-04	4.38E-08	1.27E-08	1.01E-05	3.19E-09	9.27E-10
3599 493363.09, 3850377.25	1.46E-04	4.60E-08	1.34E-08	1.90E-05	5.99E-09	1.74E-09	1.49E-04	4.70E-08	1.37E-08	2.19E-05	6.90E-09	2.01E-09	1.41E-04	4.44E-08	1.29E-08	1.02E-05	3.22E-09	9.37E-10
3600 493863.09, 3850377.25	1.61E-04	5.09E-08	1.48E-08	2.16E-05	6.82E-09	1.98E-09	1.65E-04	5.20E-08	1.51E-08	2.49E-05	7.86E-09	2.29E-09	1.55E-04	4.90E-08	1.42E-08	1.16E-05	3.66E-09	1.07E-09
3601 494363.09, 3850377.25	1.76E-04	5.55E-08	1.62E-08	2.41E-05	7.61E-09	2.21E-09	1.80E-04	5.68E-08	1.65E-08	2.78E-05	8.77E-09	2.55E-09	1.69E-04	5.33E-08	1.55E-08	1.29E-05	4.08E-09	1.19E-09
3602 494863.09, 3850377.25	1.98E-04	6.26E-08	1.82E-08	2.80E-05	8.84E-09	2.57E-09	2.03E-04	6.40E-08	1.86E-08	3.23E-05	1.02E-08	2.96E-09	1.90E-04	5.99E-08	1.74E-08	1.50E-05	4.73E-09	1.38E-09
3603 495363.09, 3850377.25	2.23E-04	7.04E-08	2.05E-08	3.29E-05	1.04E-08	3.02E-09	2.29E-04	7.21E-08	2.10E-08	3.80E-05	1.20E-08	3.49E-09	2.13E-04	6.72E-08	1.95E-08	1.76E-05	5.55E-09	1.62E-09
3604 495863.09, 3850377.25	2.25E-04	7.12E-08	2.07E-08	3.31E-05	1.04E-08	3.04E-09	2.31E-04	7.29E-08	2.12E-08	3.81E-05	1.20E-08	3.50E-09	2.15E-04	6.79E-08	1.98E-08	1.77E-05	5.58E-09	1.62E-09
3605 496363.09, 3850377.25	2.47E-04	7.81E-08	2.27E-08	3.82E-05	1.21E-08	3.51E-09	2.54E-04	8.01E-08	2.33E-08	4.41E-05	1.39E-08	4.05E-09	2.35E-04	7.42E-08	2.16E-08	2.04E-05	6.43E-09	1.87E-09
3606 496863.09, 3850377.25	2.67E-04	8.44E-08	2.45E-08	4.33E-05	1.37E-08	3.98E-09	2.75E-04	8.67E-08	2.52E-08	5.00E-05	1.58E-08	4.59E-09	2.53E-04	7.98E-08	2.32E-08	2.30E-05	7.27E-09	2.11E-09
3607 497363.09, 3850377.25	2.79E-04	8.81E-08	2.56E-08	4.62E-05	1.46E-08	4.24E-09	2.87E-04	9.06E-08	2.64E-08	5.33E-05	1.68E-08	4.90E-09	2.64E-04	8.33E-08	2.42E-08	2.45E-05	7.75E-09	2.25E-09
3608 497863.09, 3850377.25	2.85E-04	8.99E-08	2.62E-08	4.68E-05	1.48E-08	4.30E-09	2.93E-04	9.24E-08	2.69E-08	5.41E-05	1.71E-08	4.96E-09	2.69E-04	8.50E-08	2.47E-08	2.49E-05	7.85E-09	2.28E-09
3609 498363.09, 3850377.25	2.91E-04	9.20E-08	2.68E-08	4.71E-05	1.49E-08	4.33E-09	2.99E-04	9.45E-08	2.75E-08	5.44E-05	1.72E-08	4.99E-09	2.76E-04	8.71E-08	2.53E-08	2.51E-05	7.91E-09	2.30E-09
3610 471363.09, 3850877.25	1.61E-04	5.07E-08	1.47E-08	2.49E-05	7.85E-09	2.28E-09	1.65E-04	5.20E-08	1.51E-08	2.87E-05	9.07E-09	2.64E-09	1.53E-04	4.83E-08	1.41E-08	1.31E-05	4.15E-09	1.21E-09
3611 471863.09, 3850877.25	1.75E-04	5.53E-08	1.61E-08	2.62E-05	8.25E-09	2.40E-09	1.80E-04	5.67E-08	1.65E-08	3.02E-05	9.54E-09	2.77E-09	1.68E-04	5.30E-08	1.54E-08	1.38E-05	4.36E-09	1.27E-09
3612 472363.09, 3850877.25	1.99E-04	6.29E-08	1.83E-08	2.78E-05	8.78E-09	2.55E-09	2.04E-04	6.44E-08	1.87E-08	3.21E-05	1.01E-08	2.95E-09	1.92E-04	6.07E-08	1.76E-08	1.47E-05	4.63E-09	1.35E-09
3613 472863.09, 3850877.25	2.28E-04	7.20E-08	2.09E-08	2.90E-05	9.17E-09	2.67E-09	2.33E-04	7.36E-08	2.14E-08	3.36E-05	1.06E-08	3.08E-09	2.22E-04	7.01E-08	2.04E-08	1.53E-05	4.83E-09	1.40E-09
3614 473363.09, 3850877.25	2.23E-04	7.03E-08	2.05E-08	2.86E-05	9.01E-09	2.62E-09	2.28E-04	7.19E-08	2.09E-08	3.30E-05	1.04E-08	3.03E-09	2.17E-04	6.84E-08	1.99E-08	1.50E-05	4.75E-09	1.38E-09
3615 473863.09, 3850877.25	2.51E-04	7.93E-08	2.31E-08	3.10E-05	9.79E-09	2.85E-09	2.56E-04	8.09E-08	2.35E-08	3.59E-05	1.13E-08	3.29E-09	2.45E-04	7.74E-08	2.25E-08	1.63E-05	5.15E-09	1.50E-09
3616 474363.09, 3850877.25	2.82E-04	8.89E-08	2.58E-08	3.37E-05	1.06E-08	3.09E-09	2.87E-04	9.07E-08	2.64E-08	3.90E-05	1.23E-08	3.58E-09	2.76E-04	8.70E-08	2.53E-08	1.77E-05	5.59E-09	1.63E-09
3617 474863.09, 3850877.25	2.93E-04	9.25E-08	2.69E-08	3.64E-05	1.15E-08	3.34E-09	2.99E-04	9.45E-08	2.75E-08	4.21E-05	1.33E-08	3.87E-09	2.86E-04	9.03E-08	2.63E-08	1.91E-05	6.03E-09	1.76E-09
3618 475363.09, 3850877.25	3.03E-04	9.56E-08	2.78E-08	4.00E-05	1.26E-08	3.67E-09	3.10E-04	9.78E-08	2.84E-08	4.63E-05	1.46E-08	4.25E-09	2.94E-04	9.29E-08	2.70E-08	2.10E-05	6.63E-09	1.93E-09
3619 475863.09, 3850877.25	3.11E-04	9.82E-08	2.86E-08	4.42E-05	1.40E-08	4.06E-09	3.19E-04	1.01E-07	2.93E-08	5.12E-05	1.61E-08	4.70E-09	3.00E-04	9.48E-08	2.76E-08	2.32E-05	7.32E-09	2.13E-09
3620 476363.09, 3850877.25	3.15E-04	9.95E-08	2.89E-08	4.76E-05	1.50E-08	4.37E-09	3.23E-04	1.02E-07	2.97E-08	5.51E-05	1.74E-08	5.06E-09	3.03E-04	9.55E-08	2.78E-08	2.50E-05	7.88E-09	2.29E-09
3621 476863.09, 3850877.25	3.13E-04	9.89E-08	2.88E-08	5.02E-05	1.58E-08	4.61E-09	3.22E-04	1.02E-07	2.95E-08	5.81E-05	1.83E-08	5.33E-09	2.99E-04	9.43E-08	2.74E-08	2.63E-05	8.30E-09	2.41E-09
3622 477363.09, 3850877.25	3.16E-04	9.96E-08	2.90E-08	5.15E-05	1.62E-08	4.73E-09	3.24E-04	1.02E-07	2.98E-08	5.96E-05	1.88E-08	5.47E-09	3.00E-04	9.48E-08	2.76E-08	2.70E-05	8.51E-09	2.48E-09
3623 477863.09, 3850877.25	3.48E-04	1.10E-07	3.20E-08	5.19E-05	1.64E-08	4.76E-09	3.57E-04	1.13E-07	3.28E-08	6.00E-05	1.89E-08	5.51E-09	3.35E-04	1.06E-07	3.07E-08	2.72E-05	8.57E-09	2.49E-09
3624 478363.09, 3850877.25	4.13E-04	1.30E-07	3.79E-08	5.19E-05	1.64E-08	4.76E-09	4.22E-04	1.33E-07	3.87E-08	6.00E-05	1.89E-08	5.51E-09	4.03E-04	1.27E-07	3.70E-08	2.72E-05	8.57E-09	2.49E-09
3625 478863.09, 3850877.25	4.59E-04	1.45E-07	4.21E-08	5.11E-05	1.61E-08	4.69E-09	4.68E-04	1.48E-07	4.29E-08	5.91E-05	1.86E-08	5.42E-09	4.52E-04	1.43E-07	4.15E-08	2.67E-05	8.44E-09	2.46E-09
3626 479363.09, 3850877.25	4.42E-04	1.39E-07	4.06E-08	4.98E-05	1.57E-08	4.58E-09	4.50E-04	1.42E-07	4.14E-08	5.77E-05	1.82E-08	5.29E-09	4.35E-04	1.37E-07	3.99E-08	2.61E-05	8.24E-09	2.40E-09

3627	479863.09, 3850877.25	4.12E-04	1.30E-07	3.78E-08	5.63E-05	1.78E-08	5.17E-09	4.22E-04	1.33E-07	3.87E-08	6.52E-05	2.06E-08	5.98E-09	3.99E-04	1.26E-07	3.67E-08	2.95E-05	9.31E-09	2.71E-09
3628	480363.09, 3850877.25	4.21E-04	1.33E-07	3.86E-08	7.46E-05	2.35E-08	6.85E-09	4.33E-04	1.37E-07	3.98E-08	8.63E-05	2.72E-08	7.92E-09	3.97E-04	1.25E-07	3.65E-08	3.90E-05	1.23E-08	3.58E-09
3629	480863.09, 3850877.25	3.97E-04	1.25E-07	3.64E-08	8.50E-05	2.68E-08	7.80E-09	4.11E-04	1.30E-07	3.78E-08	9.83E-05	3.10E-08	9.03E-09	3.66E-04	1.15E-07	3.36E-08	4.44E-05	1.40E-08	4.07E-09
3630	481363.09, 3850877.25	3.37E-04	1.06E-07	3.10E-08	7.19E-05	2.27E-08	6.60E-09	3.49E-04	1.10E-07	3.21E-08	8.32E-05	2.63E-08	7.64E-09	3.11E-04	9.80E-08	2.85E-08	3.76E-05	1.19E-08	3.45E-09
3631	481863.09, 3850877.25	2.85E-04	9.01E-08	2.62E-08	5.83E-05	1.84E-08	5.35E-09	2.95E-04	9.32E-08	2.71E-08	6.75E-05	2.13E-08	6.19E-09	2.64E-04	8.33E-08	2.42E-08	3.06E-05	9.66E-09	2.81E-09
3632	482363.09, 3850877.25	2.32E-04	7.31E-08	2.13E-08	4.67E-05	1.47E-08	4.29E-09	2.40E-04	7.56E-08	2.20E-08	5.40E-05	1.70E-08	4.96E-09	2.14E-04	6.76E-08	1.97E-08	2.46E-05	7.76E-09	2.26E-09
3633	482863.09, 3850877.25	1.93E-04	6.10E-08	1.77E-08	3.70E-05	1.17E-08	3.39E-09	2.00E-04	6.30E-08	1.83E-08	4.27E-05	1.35E-08	3.92E-09	1.80E-04	5.68E-08	1.65E-08	1.95E-05	6.16E-09	1.79E-09
3634	483363.09, 3850877.25	1.59E-04	5.01E-08	1.46E-08	2.73E-05	8.61E-09	2.50E-09	1.63E-04	5.16E-08	1.50E-08	3.15E-05	9.95E-09	2.89E-09	1.49E-04	4.72E-08	1.37E-08	1.45E-05	4.56E-09	1.33E-09
3635	483863.09, 3850877.25	1.54E-04	4.87E-08	1.42E-08	2.54E-05	8.01E-09	2.33E-09	1.58E-04	5.00E-08	1.45E-08	2.93E-05	9.25E-09	2.69E-09	1.46E-04	4.60E-08	1.34E-08	1.35E-05	4.25E-09	1.24E-09
3636	484363.09, 3850877.25	1.73E-04	5.45E-08	1.58E-08	3.05E-05	9.63E-09	2.80E-09	1.78E-04	5.61E-08	1.63E-08	3.52E-05	1.11E-08	3.23E-09	1.62E-04	5.11E-08	1.49E-08	1.62E-05	5.10E-09	1.48E-09
3637	484863.09, 3850877.25	1.69E-04	5.34E-08	1.55E-08	3.07E-05	9.68E-09	2.82E-09	1.74E-04	5.50E-08	1.60E-08	3.54E-05	1.12E-08	3.25E-09	1.58E-04	4.99E-08	1.45E-08	1.63E-05	5.13E-09	1.49E-09
3638	485363.09, 3850877.25	1.78E-04	5.63E-08	1.64E-08	2.98E-05	9.39E-09	2.73E-09	1.83E-04	5.79E-08	1.68E-08	3.43E-05	1.08E-08	3.15E-09	1.68E-04	5.31E-08	1.54E-08	1.58E-05	4.99E-09	1.45E-09
3639	485863.09, 3850877.25	1.68E-04	5.29E-08	1.54E-08	2.46E-05	7.77E-09	2.26E-09	1.72E-04	5.42E-08	1.58E-08	2.84E-05	8.95E-09	2.60E-09	1.60E-04	5.04E-08	1.47E-08	1.32E-05	4.16E-09	1.21E-09
3640	486363.09, 3850877.25	1.70E-04	5.35E-08	1.56E-08	2.40E-05	7.59E-09	2.21E-09	1.74E-04	5.48E-08	1.59E-08	2.77E-05	8.74E-09	2.54E-09	1.62E-04	5.12E-08	1.49E-08	1.29E-05	4.07E-09	1.18E-09
3641	486863.09, 3850877.25	1.65E-04	5.21E-08	1.51E-08	2.28E-05	7.18E-09	2.09E-09	1.69E-04	5.33E-08	1.55E-08	2.62E-05	8.28E-09	2.41E-09	1.58E-04	4.99E-08	1.45E-08	1.22E-05	3.85E-09	1.12E-09
3642	487363.09, 3850877.25	1.50E-04	4.74E-08	1.38E-08	2.04E-05	6.44E-09	1.87E-09	1.53E-04	4.84E-08	1.41E-08	2.35E-05	7.42E-09	2.16E-09	1.44E-04	4.56E-08	1.32E-08	1.09E-05	3.44E-09	1.00E-09
3643	487863.09, 3850877.25	1.46E-04	4.60E-08	1.34E-08	2.03E-05	6.41E-09	1.86E-09	1.49E-04	4.70E-08	1.37E-08	2.34E-05	7.39E-09	2.15E-09	1.40E-04	4.41E-08	1.28E-08	1.08E-05	3.42E-09	9.96E-10
3644	488363.09, 3850877.25	1.52E-04	4.80E-08	1.40E-08	2.16E-05	6.82E-09	1.99E-09	1.56E-04	4.92E-08	1.43E-08	2.49E-05	7.87E-09	2.29E-09	1.46E-04	4.60E-08	1.34E-08	1.16E-05	3.65E-09	1.06E-09
3645	488863.09, 3850877.25	1.58E-04	5.00E-08	1.45E-08	2.19E-05	6.93E-09	2.02E-09	1.62E-04	5.12E-08	1.49E-08	2.53E-05	7.99E-09	2.32E-09	1.52E-04	4.80E-08	1.40E-08	1.18E-05	3.71E-09	1.08E-09
3646	489363.09, 3850877.25	1.65E-04	5.19E-08	1.51E-08	2.23E-05	7.05E-09	2.05E-09	1.68E-04	5.31E-08	1.54E-08	2.57E-05	8.12E-09	2.36E-09	1.58E-04	4.99E-08	1.45E-08	1.20E-05	3.78E-09	1.10E-09
3647	489863.09, 3850877.25	1.65E-04	5.21E-08	1.52E-08	2.27E-05	7.16E-09	2.08E-09	1.69E-04	5.33E-08	1.55E-08	2.62E-05	8.26E-09	2.40E-09	1.59E-04	5.00E-08	1.46E-08	1.22E-05	3.84E-09	1.12E-09
3648	490363.09, 3850877.25	1.71E-04	5.39E-08	1.57E-08	2.33E-05	7.36E-09	2.14E-09	1.75E-04	5.51E-08	1.60E-08	2.69E-05	8.48E-09	2.47E-09	1.64E-04	5.18E-08	1.51E-08	1.25E-05	3.95E-09	1.15E-09
3649	490863.09, 3850877.25	1.76E-04	5.55E-08	1.61E-08	2.43E-05	7.66E-09	2.23E-09	1.80E-04	5.67E-08	1.65E-08	2.80E-05	8.83E-09	2.57E-09	1.69E-04	5.32E-08	1.55E-08	1.30E-05	4.10E-09	1.19E-09
3650	491363.09, 3850877.25	1.75E-04	5.54E-08	1.61E-08	2.48E-05	7.83E-09	2.28E-09	1.80E-04	5.67E-08	1.65E-08	2.86E-05	9.03E-09	2.63E-09	1.68E-04	5.31E-08	1.54E-08	1.33E-05	4.19E-09	1.22E-09
3651	491863.09, 3850877.25	1.75E-04	5.53E-08	1.61E-08	2.53E-05	7.98E-09	2.32E-09	1.79E-04	5.66E-08	1.65E-08	2.92E-05	9.20E-09	2.68E-09	1.68E-04	5.29E-08	1.54E-08	1.35E-05	4.26E-09	1.24E-09
3652	492363.09, 3850877.25	1.78E-04	5.60E-08	1.63E-08	2.55E-05	8.05E-09	2.34E-09	1.82E-04	5.74E-08	1.67E-08	2.94E-05	9.28E-09	2.70E-09	1.70E-04	5.37E-08	1.56E-08	1.36E-05	4.30E-09	1.25E-09
3653	492863.09, 3850877.25	1.84E-04	5.81E-08	1.69E-08	2.64E-05	8.34E-09	2.42E-09	1.88E-04	5.95E-08	1.73E-08	3.05E-05	9.62E-09	2.80E-09	1.76E-04	5.56E-08	1.62E-08	1.41E-05	4.46E-09	1.30E-09
3654	493363.09, 3850877.25	1.94E-04	6.13E-08	1.78E-08	2.81E-05	8.86E-09	2.58E-09	1.99E-04	6.28E-08	1.83E-08	3.24E-05	1.02E-08	2.97E-09	1.86E-04	5.87E-08	1.71E-08	1.50E-05	4.74E-09	1.38E-09
3655	493863.09, 3850877.25	2.15E-04	6.80E-08	1.98E-08	3.22E-05	1.02E-08	2.95E-09	2.21E-04	6.97E-08	2.03E-08	3.71E-05	1.17E-08	3.41E-09	2.05E-04	6.49E-08	1.89E-08	1.72E-05	5.42E-09	1.58E-09
3656	494363.09, 3850877.25	2.31E-04	7.30E-08	2.12E-08	3.51E-05	1.11E-08	3.23E-09	2.37E-04	7.48E-08	2.18E-08	4.05E-05	1.28E-08	3.72E-09	2.20E-04	6.95E-08	2.02E-08	1.88E-05	5.92E-09	1.72E-09
3657	494863.09, 3850877.25	2.56E-04	8.09E-08	2.35E-08	4.03E-05	1.27E-08	3.70E-09	2.63E-04	8.30E-08	2.42E-08	4.65E-05	1.47E-08	4.27E-09	2.43E-04	7.68E-08	2.23E-08	2.14E-05	6.77E-09	1.97E-09
3658	495363.09, 3850877.25	2.83E-04	8.92E-08	2.59E-08	4.59E-05	1.45E-08	4.22E-09	2.90E-04	9.16E-08	2.66E-08	5.30E-05	1.67E-08	4.87E-09	2.67E-04	8.43E-08	2.45E-08	2.44E-05	7.71E-09	2.24E-09
3659	495863.09, 3850877.25	2.92E-04	9.22E-08	2.68E-08	4.82E-05	1.52E-08	4.43E-09	3.00E-04	9.47E-08	2.76E-08	5.57E-05	1.76E-08	5.11E-09	2.76E-04	8.70E-08	2.53E-08	2.56E-05	8.09E-09	2.35E-09
3660	496363.09, 3850877.25	3.05E-04	9.63E-08	2.80E-08	5.17E-05	1.63E-08	4.75E-09	3.14E-04	9.91E-08	2.88E-08	5.97E-05	1.89E-08	5.48E-09	2.88E-04	9.08E-08	2.64E-08	2.75E-05	8.67E-09	2.52E-09
3661	496863.09, 3850877.25	3.27E-04	1.03E-07	3.00E-08	5.69E-05	1.80E-08	5.22E-09	3.37E-04	1.06E-07	3.09E-08	6.57E-05	2.07E-08	6.03E-09	3.07E-04	9.70E-08	2.82E-08	3.01E-05	9.51E-09	2.77E-09
3662	497363.09, 3850877.25	3.35E-04	1.06E-07	3.08E-08	5.80E-05	1.83E-08	5.32E-09	3.45E-04	1.09E-07	3.17E-08	6.69E-05	2.11E-08	6.15E-09	3.15E-04	9.94E-08	2.89E-08	3.07E-05	9.70E-09	2.82E-09
3663	497863.09, 3850877.25	3.40E-04	1.07E-07	3.12E-08	5.76E-05	1.82E-08	5.29E-09	3.49E-04	1.10E-07	3.21E-08	6.66E-05	2.10E-08	6.11E-09	3.20E-04	1.01E-07	2.94E-08	3.06E-05	9.65E-09	2.81E-09
3664	498363.09, 3850877.25	3.43E-04	1.08E-07	3.15E-08	5.71E-05	1.80E-08	5.24E-09	3.53E-04	1.11E-07	3.24E-08	6.59E-05	2.08E-08	6.05E-09	3.24E-04	1.02E-07	2.98E-08	3.03E-05	9.56E-09	2.78E-09
3665	471363.09, 3851377.25	1.71E-04	5.41E-08	1.57E-08	2.78E-05	8.78E-09	2.55E-09	1.76E-04	5.56E-08	1.62E-08	3.21E-05	1.01E-08	2.95E-09	1.63E-04	5.13E-08	1.49E-08	1.47E-05	4.64E-09	1.35E-09
3666	471863.09, 3851377.25	2.03E-04	6.41E-08	1.86E-08	3.28E-05	1.04E-08	3.01E-09	2.09E-04	6.58E-08	1.91E-08	3.79E-05	1.20E-08	3.48E-09	1.93E-04	6.09E-08	1.77E-08	1.73E-05	5.46E-09	1.59E-09
3667	472363.09, 3851377.25	2.08E-04	6.56E-08	1.91E-08	3.32E-05	1.05E-08	3.05E-09	2.13E-04	6.74E-08	1.96E-08	3.84E-05	1.21E-08	3.52E-09	1.98E-04	6.24E-08	1.82E-08	1.75E-05	5.52E-09	1.61E-09
3668	472863.09, 3851377.25	2.13E-04	6.72E-08	1.95E-08	3.30E-05	1.04E-08	3.03E-09	2.18E-04	6.89E-08	2.00E-08	3.82E-05	1.21E-08	3.51E-09	2.03E-04	6.41E-08	1.86E-08	1.74E-05	5.49E-09	1.60E-09
3669	473363.09, 3851377.25	1.99E-04	6.28E-08	1.83E-08	3.03E-05	9.55E-09	2.78E-09	2.04E-04	6.44E-08	1.87E-08	3.50E-05	1.10E-08	3.21E-09	1.90E-04	6.01E-08	1.75E-08	1.60E-05	5.03E-09	1.46E-09
3670	473863.09, 3851377.25	2.13E-04	6.71E-08	1.95E-08	3.07E-05	9.70E-09	2.82E-09	2.18E-04	6.87E-08	2.00E-08	3.55E-05	1.12E-08	3.26E-09	2.04E-04	6.45E-08	1.88E-08	1.62E-05	5.11E-09	1.49E-09
3671	474363.09, 3851377.25	2.54E-04	8.03E-08	2.34E-08	3.39E-05	1.07E-08	3.11E-09	2.60E-04	8.21E-08	2.39E-08	3.92E-05	1.24E-08	3.60E-09	2.47E-04	7.79E-08	2.27E-08	1.78E-05	5.63E-09	1.64E-09
3672	474863.09, 3851377.25	2.91E-04	9.17E-08	2.67E-08	3.64E-05	1.15E-08	3.35E-09	2.97E-04	9.37E-08	2.72E-08	4.21E-05	1.33E-08	3.87E-09	2.83E-04	8.94E-08	2.60E-08	1.92E-05	6.04E-09	1.76E-09
3673	475363.09, 3851377.25	3.15E-04	9.95E-08	2.90E-08	3.91E-05	1.23E-08	3.59E-09	3.22E-04	1.02E-07	2.96E-08	4.52E-05	1.43E-08	4.15E-09	3.08E-04	9.72E-08	2.83E-08	2.05E-05	6.47E-09	1.88E-09
3674	475863.09, 3851377.25	3.29E-04	1.04E-07	3.02E-08	4.24E-05	1.34E-08	3.89E-09	3.37E-04	1.06E-07	3.09E-08	4.90E-05	1.55E-08	4.50E-09	3.21E-04	1.01E-07	2.94E-08	2.22E-05	7.02E-09	2.04E-09
3675	476363.09, 3851377.25	3.41E-04	1.08E-07	3.13E-08	4.70E-05	1.48E-08	4.31E-09	3.49E-04	1.10E-07	3.20E-08	5.43E-05	1.71E-08	4.99E-09	3.30E-04	1.04E-07	3.03E-08	2.46E-05	7.77E-09	2.26E-09
3676	476863.09, 3851377.25	3.40E-04	1.07E-07	3.12E-08	5.22E-05	1.65E-08	4.79E-09	3.49E-04	1.10E-07	3.20E-08	6.04E-05	1.91E-08	5.54E-09	3.26E-04	1.03E-07	2.99E-08	2.74E-05	8.63E-09	2.51E-09
3677	477363.09, 3851377.25	3.56E-04	1.12E-07	3.27E-08	5.65E-05	1.78E-08	5.19E-09	3.66E-04	1.15E-07	3.36E-08	6.53E-05	2.06E-08	6.00E-09	3.40E-04	1.07E-07	3.12E-08	2.96E-05	9.33E-09	2.72E-09
3678	477863.09, 3851377.25	3.60E-04	1.14E-07	3.30E-08	5.95E-05	1.88E-08	5.47E-09	3.70E-04	1.17E-07	3.40E-08	6.89E-05	2.17E-08	6.32E-09	3.42E-04	1.08E-07	3.14E-08	3.12E-05	9.84E-09	2.86E-09
3679	478363.09, 3851377.25	3.90E-04	1.23E-07	3.58E-08	6.09E-05	1.92E-08	5.59E-09	4.00E-04	1.26E-07	3.67E-08	7.04E-05	2.22E-08	6.46E-09	3.73E-04	1.18E-07	3.43E-08	3.19E-05	1.01E-08	2.92E-09
3680	478863.09, 3851377.25	4.69E-04	1.48E-07	4.31E-08	6.11E-05	1.93E-08	5.61E-09	4.80E-04	1.51E-07	4.40E-08	7.07E-05	2.23E-08	6.49E-09	4.57E-04	1.44E-07	4.19E-08	3.20E-05	1.01E-08	2.93E-09
3681	479363.09, 3851377.25	5.19E-04	1.64E-07	4.76E-08	6.06E-05	1.91E-08	5.56E-09	5.29E-04	1.67E-07	4.86E-08	7.01E-05	2.21E-08	6.43E-09	5.09E-04	1.61E-07	4.68E-08	3.17E-05	1.00E-08	2.91E-09
3682	479863.09, 3851377.25	5.11E-04	1.61E-07	4.69E-08	5.88E-05	1.86E-08	5.40E-09	5.21E-04	1.65E-07	4.79E-08	6.81E-05	2.15E-08	6.25E-09	5.02E-04	1.59E-07	4.61E-08	3.08E-05	9.72E-09	2.83E-09
3683	480363.09, 3851377.25	4.94E-04	1.56E-07	4.53E-08	6.47E-05	2.04E-08	5.94E-09	5.05E-04	1.59E-07	4.63E-08	7.48E-05	2.36E-08	6.87E-09	4.80E-04	1.52E-07	4.41E-08	3.38E-05	1.07E-08	3.11E-09
3684	480863.09, 3851377.25	4.98E-04	1.57E-07	4.57E-08	8.69E-05	2.74E-08	7.98E-09	5.13E-04	1.62E-07	4.71E-08	1.01E-04	3.18E-08	9.24E-09	4.71E-04	1.49E-07	4.32E-08	4.54E-05	1.43E-08	4.17E-09
3685	481363.09, 3851377.25	4.58E-04	1.45E-07	4.20E-08	9.78E-05	3.09E-08	8.98E-09	4.75E-04	1.50E-07	4.36E-08	1.13E-04	3.57E-08	1.04E-08	4.22E-04	1.33E-07	3.88E-08	5.11E-05	1.61E-08	4.69E-09
3686	481863.09, 3851377.25	3.86E-04	1.22E-07	3.54E-08	8.31E-05	2.62E-08	7.63E-09	4.00E-04	1.26E-07	3.67E-08	9.62E-05	3.04E-08	8.83E-09	3.55E-04	1.12E-07	3.26E-08	4.35E-05	1.37E-08	3.99E-09
3687	482363.09, 3851377.25	3.36E-04	1.06E-07	3.09E-08	7.10E-05	2.24E-08	6.51E-09	3.49E-04	1.10E-07	3.20E-08	8.21E-05	2.59E-08	7.54E-09	3.10E-04	9.78E-08	2.85E-08	3.72E-05	1.17E-08	3.42E-09
3688	482863.09, 3851377.25	2.71E-04	8.54E-08	2.48E-08	5.86E-05	1.85E-08	5.38E-09	2.81E-04	8.86E-08	2.58E-08	6.78E-05	2.14E-08	6.23E-09	2.48E-04	7.83E-08	2.28E-08	3.08E-05	9.73E-09	2.83E-09
3689	483363.09, 3851377.25	2.05E-04	6.46E-08	1.88E-08	4.03E-05	1.27E-08	3.70E-09	2.11E-04	6.67E-08	1.94E-08	4.66E-05	1.47E-08	4.28E-09	1.90E-04	5.99E-08	1.74E-08	2.13E-05	6.71E-09	1.95E-09
3690	483863.09, 3851377.25	1.85E-04	5.85E-08	1.70E-08	3.43E-05	1.08E-08	3.15E-09	1.91E-04	6.04E-08	1.76E-08	3.96E-05	1.25E-08	3.64E-09	1.73E-04	5.46E-08	1.59E-08	1.81E-05	5.72E-09	1.67E-09
3691	484363.09, 3851377.25	2.25E-04	7.11E-08	2.07E-08	4.33E-05	1.37E-08	3.98E-09	2.33E-04	7.34E-08	2.14E-08	5.01E-05	1.58E-08	4.60E-09	2.09E-04	6.60E-08	1.92E-08	2.29E-05	7.23E-09	2.10E-09
3692	484863.09, 3851377.25	1.76E-04	5.55E-08	1.61E-08	3.15E-05	9.96E-09	2.90E-09	1.81E-04	5.72E-08	1.66E-08	3.64E-05	1.15E-08	3.34E-09	1.65E-04	5.20E-08	1.51E-08	1.67E-05	5.28E-09	1.54E-09

3693 485363.09, 3851377.25	2.09E-04	6.59E-08	1.92E-08	3.90E-05	1.23E-08	3.58E-09	2.15E-04	6.80E-08	1.98E-08	4.51E-05	1.42E-08	4.14E-09	1.95E-04	6.14E-08	1.79E-08	2.06E-05	6.52E-09	1.90E-09
3694 485863.09, 3851377.25	1.96E-04	6.19E-08	1.80E-08	3.11E-05	9.82E-09	2.86E-09	2.01E-04	6.35E-08	1.85E-08	3.59E-05	1.13E-08	3.30E-09	1.86E-04	5.86E-08	1.70E-08	1.66E-05	5.24E-09	1.52E-09
3695 486363.09, 3851377.25	2.06E-04	6.51E-08	1.89E-08	3.09E-05	9.76E-09	2.84E-09	2.11E-04	6.67E-08	1.94E-08	3.57E-05	1.13E-08	3.28E-09	1.96E-04	6.19E-08	1.80E-08	1.65E-05	5.22E-09	1.52E-09
3696 486863.09, 3851377.25	1.98E-04	6.25E-08	1.82E-08	2.85E-05	9.00E-09	2.62E-09	2.03E-04	6.40E-08	1.86E-08	3.29E-05	1.04E-08	3.02E-09	1.89E-04	5.97E-08	1.74E-08	1.53E-05	4.82E-09	1.40E-09
3697 487363.09, 3851377.25	1.69E-04	5.34E-08	1.55E-08	2.33E-05	7.35E-09	2.14E-09	1.73E-04	5.47E-08	1.59E-08	2.69E-05	8.48E-09	2.47E-09	1.63E-04	5.14E-08	1.49E-08	1.25E-05	3.93E-09	1.14E-09
3698 487863.09, 3851377.25	1.74E-04	5.50E-08	1.60E-08	2.63E-05	8.30E-09	2.41E-09	1.79E-04	5.64E-08	1.64E-08	3.03E-05	9.58E-09	2.79E-09	1.66E-04	5.25E-08	1.53E-08	1.40E-05	4.42E-09	1.28E-09
3699 488363.09, 3851377.25	1.85E-04	5.85E-08	1.70E-08	2.82E-05	8.90E-09	2.59E-09	1.90E-04	6.00E-08	1.74E-08	3.25E-05	1.03E-08	2.99E-09	1.77E-04	5.57E-08	1.62E-08	1.50E-05	4.74E-09	1.38E-09
3700 488863.09, 3851377.25	1.95E-04	6.15E-08	1.79E-08	2.84E-05	8.96E-09	2.61E-09	1.99E-04	6.30E-08	1.83E-08	3.27E-05	1.03E-08	3.01E-09	1.86E-04	5.88E-08	1.71E-08	1.51E-05	4.78E-09	1.39E-09
3701 489363.09, 3851377.25	2.01E-04	6.33E-08	1.84E-08	2.89E-05	9.12E-09	2.65E-09	2.06E-04	6.49E-08	1.89E-08	3.33E-05	1.05E-08	3.06E-09	1.92E-04	6.06E-08	1.76E-08	1.54E-05	4.87E-09	1.42E-09
3702 489863.09, 3851377.25	2.04E-04	6.44E-08	1.87E-08	2.97E-05	9.38E-09	2.73E-09	2.09E-04	6.59E-08	1.92E-08	3.43E-05	1.08E-08	3.15E-09	1.95E-04	6.15E-08	1.79E-08	1.59E-05	5.01E-09	1.46E-09
3703 490363.09, 3851377.25	2.12E-04	6.70E-08	1.95E-08	3.12E-05	9.85E-09	2.87E-09	2.18E-04	6.87E-08	2.00E-08	3.60E-05	1.14E-08	3.31E-09	2.03E-04	6.40E-08	1.86E-08	1.67E-05	5.26E-09	1.53E-09
3704 490863.09, 3851377.25	2.18E-04	6.89E-08	2.01E-08	3.32E-05	1.05E-08	3.05E-09	2.24E-04	7.07E-08	2.06E-08	3.84E-05	1.21E-08	3.52E-09	2.08E-04	6.57E-08	1.91E-08	1.77E-05	5.59E-09	1.63E-09
3705 491363.09, 3851377.25	2.19E-04	6.90E-08	2.01E-08	3.42E-05	1.08E-08	3.14E-09	2.24E-04	7.08E-08	2.06E-08	3.95E-05	1.25E-08	3.62E-09	2.08E-04	6.56E-08	1.91E-08	1.82E-05	5.74E-09	1.67E-09
3706 491863.09, 3851377.25	2.22E-04	7.00E-08	2.04E-08	3.50E-05	1.11E-08	3.22E-09	2.28E-04	7.19E-08	2.09E-08	4.05E-05	1.28E-08	3.71E-09	2.11E-04	6.65E-08	1.94E-08	1.86E-05	5.88E-09	1.71E-09
3707 492363.09, 3851377.25	2.31E-04	7.28E-08	2.12E-08	3.67E-05	1.16E-08	3.37E-09	2.37E-04	7.47E-08	2.17E-08	4.24E-05	1.34E-08	3.89E-09	2.19E-04	6.91E-08	2.01E-08	1.95E-05	6.15E-09	1.79E-09
3708 492863.09, 3851377.25	2.38E-04	7.51E-08	2.18E-08	3.79E-05	1.20E-08	3.48E-09	2.44E-04	7.71E-08	2.24E-08	4.37E-05	1.38E-08	4.01E-09	2.26E-04	7.13E-08	2.07E-08	2.01E-05	6.35E-09	1.85E-09
3709 493363.09, 3851377.25	2.35E-04	7.42E-08	2.16E-08	3.62E-05	1.14E-08	3.32E-09	2.41E-04	7.61E-08	2.21E-08	4.17E-05	1.32E-08	3.83E-09	2.24E-04	7.06E-08	2.05E-08	1.93E-05	6.09E-09	1.77E-09
3710 493863.09, 3851377.25	2.59E-04	8.18E-08	2.38E-08	4.12E-05	1.30E-08	3.78E-09	2.66E-04	8.40E-08	2.44E-08	4.75E-05	1.50E-08	4.36E-09	2.46E-04	7.76E-08	2.26E-08	2.19E-05	6.92E-09	2.01E-09
3711 494363.09, 3851377.25	3.01E-04	9.49E-08	2.76E-08	5.05E-05	1.59E-08	4.63E-09	3.09E-04	9.76E-08	2.84E-08	5.83E-05	1.84E-08	5.35E-09	2.83E-04	8.95E-08	2.60E-08	2.68E-05	8.46E-09	2.46E-09
3712 494863.09, 3851377.25	3.19E-04	1.01E-07	2.93E-08	5.41E-05	1.71E-08	4.97E-09	3.28E-04	1.04E-07	3.01E-08	6.25E-05	1.97E-08	5.74E-09	3.01E-04	9.49E-08	2.76E-08	2.87E-05	9.07E-09	2.64E-09
3713 495363.09, 3851377.25	3.60E-04	1.14E-07	3.31E-08	6.39E-05	2.02E-08	5.87E-09	3.71E-04	1.17E-07	3.41E-08	7.39E-05	2.33E-08	6.78E-09	3.38E-04	1.07E-07	3.10E-08	3.39E-05	1.07E-08	3.11E-09
3714 495863.09, 3851377.25	3.77E-04	1.19E-07	3.46E-08	6.85E-05	2.16E-08	6.29E-09	3.88E-04	1.23E-07	3.56E-08	7.91E-05	2.50E-08	7.26E-09	3.52E-04	1.11E-07	3.23E-08	3.62E-05	1.14E-08	3.33E-09
3715 496363.09, 3851377.25	3.87E-04	1.22E-07	3.56E-08	7.10E-05	2.24E-08	6.52E-09	3.99E-04	1.26E-07	3.67E-08	8.20E-05	2.59E-08	7.53E-09	3.62E-04	1.14E-07	3.33E-08	3.75E-05	1.18E-08	3.45E-09
3716 496863.09, 3851377.25	3.96E-04	1.25E-07	3.64E-08	7.20E-05	2.27E-08	6.61E-09	4.09E-04	1.29E-07	3.75E-08	8.32E-05	2.63E-08	7.64E-09	3.71E-04	1.17E-07	3.41E-08	3.81E-05	1.20E-08	3.50E-09
3717 497363.09, 3851377.25	4.05E-04	1.28E-07	3.72E-08	7.25E-05	2.29E-08	6.65E-09	4.17E-04	1.32E-07	3.83E-08	8.37E-05	2.64E-08	7.68E-09	3.79E-04	1.20E-07	3.48E-08	3.83E-05	1.21E-08	3.52E-09
3718 497863.09, 3851377.25	4.08E-04	1.29E-07	3.75E-08	7.18E-05	2.27E-08	6.59E-09	4.21E-04	1.33E-07	3.86E-08	8.29E-05	2.62E-08	7.61E-09	3.83E-04	1.21E-07	3.52E-08	3.80E-05	1.20E-08	3.49E-09
3719 498363.09, 3851377.25	4.02E-04	1.27E-07	3.69E-08	6.84E-05	2.16E-08	6.28E-09	4.13E-04	1.30E-07	3.79E-08	7.90E-05	2.49E-08	7.25E-09	3.78E-04	1.19E-07	3.47E-08	3.63E-05	1.15E-08	3.33E-09
3720 471363.09, 3851877.25	1.87E-04	5.90E-08	1.72E-08	2.90E-05	9.14E-09	2.66E-09	1.92E-04	6.05E-08	1.76E-08	3.35E-05	1.06E-08	3.07E-09	1.78E-04	5.62E-08	1.64E-08	1.53E-05	4.83E-09	1.41E-09
3721 471863.09, 3851877.25	1.84E-04	5.80E-08	1.69E-08	2.92E-05	9.20E-09	2.68E-09	1.89E-04	5.95E-08	1.73E-08	3.37E-05	1.06E-08	3.09E-09	1.75E-04	5.51E-08	1.60E-08	1.54E-05	4.86E-09	1.41E-09
3722 472363.09, 3851877.25	2.02E-04	6.37E-08	1.85E-08	3.29E-05	1.04E-08	3.02E-09	2.08E-04	6.55E-08	1.91E-08	3.80E-05	1.20E-08	3.49E-09	1.92E-04	6.05E-08	1.76E-08	1.74E-05	5.48E-09	1.59E-09
3723 472863.09, 3851877.25	2.20E-04	6.95E-08	2.02E-08	3.62E-05	1.14E-08	3.32E-09	2.26E-04	7.15E-08	2.08E-08	4.18E-05	1.32E-08	3.84E-09	2.09E-04	6.60E-08	1.92E-08	1.91E-05	6.02E-09	1.75E-09
3724 473363.09, 3851877.25	2.12E-04	6.69E-08	1.94E-08	3.53E-05	1.11E-08	3.24E-09	2.18E-04	6.88E-08	2.00E-08	4.08E-05	1.29E-08	3.75E-09	2.01E-04	6.33E-08	1.84E-08	1.86E-05	5.87E-09	1.71E-09
3725 473863.09, 3851877.25	2.16E-04	6.82E-08	1.98E-08	3.59E-05	1.13E-08	3.30E-09	2.22E-04	7.01E-08	2.04E-08	4.15E-05	1.31E-08	3.81E-09	2.05E-04	6.46E-08	1.88E-08	1.89E-05	5.97E-09	1.74E-09
3726 474363.09, 3851877.25	2.46E-04	7.77E-08	2.26E-08	3.91E-05	1.23E-08	3.59E-09	2.53E-04	7.98E-08	2.32E-08	4.52E-05	1.43E-08	4.15E-09	2.35E-04	7.40E-08	2.15E-08	2.06E-05	6.49E-09	1.89E-09
3727 474863.09, 3851877.25	2.85E-04	8.99E-08	2.61E-08	4.13E-05	1.30E-08	3.79E-09	2.92E-04	9.21E-08	2.68E-08	4.77E-05	1.51E-08	4.38E-09	2.74E-04	8.65E-08	2.52E-08	2.17E-05	6.85E-09	1.99E-09
3728 475363.09, 3851877.25	3.12E-04	9.83E-08	2.86E-08	4.22E-05	1.33E-08	3.87E-09	3.19E-04	1.01E-07	2.93E-08	4.88E-05	1.54E-08	4.48E-09	3.02E-04	9.53E-08	2.77E-08	2.22E-05	7.00E-09	2.03E-09
3729 475863.09, 3851877.25	3.26E-04	1.03E-07	2.99E-08	4.33E-05	1.37E-08	3.97E-09	3.33E-04	1.05E-07	3.06E-08	5.01E-05	1.58E-08	4.60E-09	3.16E-04	9.99E-08	2.91E-08	2.27E-05	7.17E-09	2.09E-09
3730 476363.09, 3851877.25	3.13E-04	9.88E-08	2.87E-08	4.43E-05	1.40E-08	4.06E-09	3.21E-04	1.01E-07	2.94E-08	5.12E-05	1.62E-08	4.70E-09	3.02E-04	9.54E-08	2.77E-08	2.32E-05	7.33E-09	2.13E-09
3731 476863.09, 3851877.25	3.39E-04	1.07E-07	3.11E-08	4.89E-05	1.54E-08	4.49E-09	3.48E-04	1.10E-07	3.19E-08	5.66E-05	1.79E-08	5.19E-09	3.27E-04	1.03E-07	3.00E-08	2.56E-05	8.09E-09	2.35E-09
3732 477363.09, 3851877.25	3.62E-04	1.14E-07	3.33E-08	5.55E-05	1.75E-08	5.10E-09	3.72E-04	1.17E-07	3.41E-08	6.43E-05	2.03E-08	5.90E-09	3.47E-04	1.10E-07	3.19E-08	2.91E-05	9.18E-09	2.67E-09
3733 477863.09, 3851877.25	3.72E-04	1.18E-07	3.42E-08	6.27E-05	1.98E-08	5.76E-09	3.83E-04	1.21E-07	3.52E-08	7.25E-05	2.29E-08	6.66E-09	3.53E-04	1.12E-07	3.25E-08	3.28E-05	1.04E-08	3.01E-09
3734 478363.09, 3851877.25	3.68E-04	1.16E-07	3.37E-08	6.86E-05	2.17E-08	6.30E-09	3.79E-04	1.20E-07	3.48E-08	7.94E-05	2.51E-08	7.29E-09	3.45E-04	1.09E-07	3.17E-08	3.59E-05	1.13E-08	3.30E-09
3735 478863.09, 3851877.25	4.11E-04	1.30E-07	3.77E-08	7.21E-05	2.28E-08	6.62E-09	4.23E-04	1.34E-07	3.88E-08	8.35E-05	2.64E-08	7.66E-09	3.88E-04	1.23E-07	3.56E-08	3.77E-05	1.19E-08	3.46E-09
3736 479363.09, 3851877.25	5.24E-04	1.66E-07	4.81E-08	7.34E-05	2.32E-08	6.74E-09	5.37E-04	1.69E-07	4.93E-08	8.49E-05	2.68E-08	7.79E-09	5.07E-04	1.60E-07	4.66E-08	3.84E-05	1.21E-08	3.52E-09
3737 479863.09, 3851877.25	6.00E-04	1.89E-07	5.50E-08	7.31E-05	2.31E-08	6.71E-09	6.12E-04	1.93E-07	5.62E-08	8.46E-05	2.67E-08	7.76E-09	5.87E-04	1.85E-07	5.39E-08	3.82E-05	1.21E-08	3.51E-09
3738 480363.09, 3851877.25	5.84E-04	1.84E-07	5.36E-08	7.13E-05	2.25E-08	6.54E-09	5.96E-04	1.88E-07	5.47E-08	8.25E-05	2.60E-08	7.57E-09	5.72E-04	1.80E-07	5.25E-08	3.73E-05	1.18E-08	3.42E-09
3739 480863.09, 3851877.25	5.71E-04	1.80E-07	5.24E-08	7.58E-05	2.39E-08	6.96E-09	5.84E-04	1.84E-07	5.36E-08	8.77E-05	2.77E-08	8.05E-09	5.55E-04	1.75E-07	5.09E-08	3.96E-05	1.25E-08	3.64E-09
3740 481363.09, 3851877.25	5.77E-04	1.82E-07	5.30E-08	1.03E-04	3.24E-08	9.43E-09	5.95E-04	1.88E-07	5.46E-08	1.19E-04	3.75E-08	1.09E-08	5.45E-04	1.72E-07	5.00E-08	5.36E-05	1.69E-08	4.92E-09
3741 481863.09, 3851877.25	5.16E-04	1.63E-07	4.74E-08	1.17E-04	3.68E-08	1.07E-08	5.36E-04	1.69E-07	4.92E-08	1.35E-04	4.26E-08	1.24E-08	4.72E-04	1.49E-07	4.33E-08	6.09E-05	1.92E-08	5.59E-09
3742 482363.09, 3851877.25	3.83E-04	1.21E-07	3.51E-08	9.14E-05	2.88E-08	8.39E-09	3.98E-04	1.26E-07	3.66E-08	1.06E-04	3.34E-08	9.71E-09	3.46E-04	1.09E-07	3.18E-08	4.78E-05	1.51E-08	4.39E-09
3743 482863.09, 3851877.25	2.90E-04	9.14E-08	2.66E-08	6.41E-05	2.02E-08	5.88E-09	3.01E-04	9.49E-08	2.76E-08	7.41E-05	2.34E-08	6.80E-09	2.65E-04	8.35E-08	2.43E-08	3.37E-05	1.06E-08	3.09E-09
3744 483363.09, 3851877.25	2.88E-04	9.07E-08	2.64E-08	6.42E-05	2.03E-08	5.90E-09	2.98E-04	9.42E-08	2.74E-08	7.43E-05	2.34E-08	6.82E-09	2.62E-04	8.28E-08	2.41E-08	3.37E-05	1.07E-08	3.10E-09
3745 483863.09, 3851877.25	2.57E-04	8.10E-08	2.36E-08	5.63E-05	1.78E-08	5.17E-09	2.66E-04	8.40E-08	2.44E-08	6.51E-05	2.06E-08	5.98E-09	2.35E-04	7.41E-08	2.15E-08	2.96E-05	9.35E-09	2.72E-09
3746 484363.09, 3851877.25	2.78E-04	8.78E-08	2.55E-08	5.96E-05	1.88E-08	5.47E-09	2.88E-04	9.10E-08	2.65E-08	6.89E-05	2.18E-08	6.33E-09	2.55E-04	8.04E-08	2.34E-08	3.14E-05	9.91E-09	2.88E-09
3747 484863.09, 3851877.25	2.53E-04	7.98E-08	2.32E-08	5.27E-05	1.66E-08	4.84E-09	2.62E-04	8.26E-08	2.40E-08	6.09E-05	1.92E-08	5.59E-09	2.32E-04	7.33E-08	2.13E-08	2.78E-05	8.77E-09	2.55E-09
3748 485363.09, 3851877.25	2.49E-04	7.85E-08	2.28E-08	5.00E-05	1.58E-08	4.59E-09	2.57E-04	8.12E-08	2.36E-08	5.77E-05	1.82E-08	5.30E-09	2.30E-04	7.25E-08	2.11E-08	2.64E-05	8.32E-09	2.42E-09
3749 485863.09, 3851877.25	2.59E-04	8.19E-08	2.38E-08	4.83E-05	1.52E-08	4.43E-09	2.68E-04	8.44E-08	2.46E-08	5.58E-05	1.76E-08	5.12E-09	2.42E-04	7.63E-08	2.22E-08	2.56E-05	8.06E-09	2.35E-09
3750 486363.09, 3851877.25	2.41E-04	7.62E-08	2.22E-08	3.79E-05	1.20E-08	3.48E-09	2.48E-04	7.82E-08	2.27E-08	4.38E-05	1.38E-08	4.02E-09	2.29E-04	7.22E-08	2.10E-08	2.02E-05	6.39E-09	1.86E-09
3751 486863.09, 3851877.25	2.38E-04	7.50E-08	2.18E-08	3.56E-05	1.12E-08	3.26E-09	2.44E-04	7.69E-08	2.24E-08	4.10E-05	1.29E-08	3.76E-09	2.26E-04	7.14E-08	2.08E-08	1.90E-05	5.99E-09	1.74E-09
3752 487363.09, 3851877.25	2.23E-04	7.04E-08	2.05E-08	3.45E-05	1.09E-08	3.17E-09	2.29E-04	7.23E-08	2.10E-08	3.98E-05	1.26E-08	3.65E-09	2.12E-04	6.70E-08	1.95E-08	1.83E-05	5.79E-09	1.68E-09
3753 487863.09, 3851877.25	2.04E-04	6.43E-08	1.87E-08	3.10E-05	9.78E-09	2.85E-09	2.09E-04	6.59E-08	1.92E-08	3.58E-05	1.13E-08	3.28E-09	1.94E-04	6.13E-08	1.78E-08	1.65E-05	5.20E-09	1.51E-09
3754 488363.09, 3851877.25	2.17E-04	6.84E-08	1.99E-08	3.25E-05	1.03E-08	2.99E-09	2.22E-04	7.01E-08	2.04E-08	3.75E-05	1.18E-08	3.45E-09	2.07E-04	6.53E-08	1.90E-08	1.73E-05	5.47E-09	1.59E-09
3755 488863.09, 3851877.25	2.22E-04	7.00E-08	2.04E-08	3.15E-05	9.95E-09	2.89E-09	2.27E-04	7.17E-08	2.09E-08	3.64E-05	1.15E-08	3.34E-09	2.13E-04	6.71E-08	1.95E-08	1.68E-05	5.31E-09	1.55E-09
3756 489363.09, 3851877.25	2.26E-04	7.14E-08	2.08E-08	3.23E-05	1.02E-08	2.96E-09	2.32E-04	7.32E-08	2.13E-08	3.72E-05	1.17E-08	3.42E-09	2.17E-04	6.85E-08	1.99E-08	1.72E-05	5.44E-09	1.58E-09
3757 489863.09, 3851877.25	2.34E-04	7.37E-08	2.14E-08	3.47E-05	1.10E-08	3.19E-09	2.39E-04	7.56E-08	2.20E-08	4.00E-05	1.26E-08	3.68E-09	2.23E-04	7.04E-08	2.05E-08	1.85E-05	5.84E-09	1.70E-09
3758 490363.09, 3851877.25	2.50E-04	7.88E-08	2.29E-08	3.89E-05	1.23E-08	3.57E-09	2.56E-04	8.09E-08	2.35E-08	4.49E-05	1.42E-08	4.12E-09	2.37E-04	7.50E-08	2.18E-08	2.07E-05	6.53E-09	1.90E-09

3759 490863.09, 3851877.25	2.65E-04	8.35E-08	2.43E-08	4.32E-05	1.36E-08	3.97E-09	2.72E-04	8.58E-08	2.50E-08	4.99E-05	1.58E-08	4.58E-09	2.51E-04	7.91E-08	2.30E-08	2.29E-05	7.24E-09	2.11E-09
3760 491363.09, 3851877.25	2.80E-04	8.83E-08	2.57E-08	4.77E-05	1.50E-08	4.38E-09	2.88E-04	9.08E-08	2.64E-08	5.51E-05	1.74E-08	5.06E-09	2.64E-04	8.32E-08	2.42E-08	2.53E-05	7.97E-09	2.32E-09
3761 491863.09, 3851877.25	2.95E-04	9.32E-08	2.71E-08	5.18E-05	1.63E-08	4.75E-09	3.04E-04	9.60E-08	2.79E-08	5.98E-05	1.89E-08	5.49E-09	2.78E-04	8.77E-08	2.55E-08	2.74E-05	8.65E-09	2.52E-09
3762 492363.09, 3851877.25	3.02E-04	9.54E-08	2.77E-08	5.34E-05	1.69E-08	4.90E-09	3.11E-04	9.82E-08	2.86E-08	6.17E-05	1.95E-08	5.67E-09	2.84E-04	8.96E-08	2.61E-08	2.83E-05	8.92E-09	2.60E-09
3763 492863.09, 3851877.25	2.90E-04	9.14E-08	2.66E-08	4.90E-05	1.55E-08	4.50E-09	2.98E-04	9.40E-08	2.74E-08	5.66E-05	1.79E-08	5.20E-09	2.73E-04	8.62E-08	2.51E-08	2.60E-05	8.21E-09	2.39E-09
3764 493363.09, 3851877.25	3.40E-04	1.07E-07	3.12E-08	6.08E-05	1.92E-08	5.58E-09	3.50E-04	1.10E-07	3.21E-08	7.03E-05	2.22E-08	6.45E-09	3.18E-04	1.00E-07	2.92E-08	3.22E-05	1.02E-08	2.96E-09
3765 493863.09, 3851877.25	3.97E-04	1.25E-07	3.65E-08	7.43E-05	2.34E-08	6.82E-09	4.10E-04	1.29E-07	3.76E-08	8.58E-05	2.71E-08	7.88E-09	3.71E-04	1.17E-07	3.40E-08	3.93E-05	1.24E-08	3.60E-09
3766 494363.09, 3851877.25	4.03E-04	1.27E-07	3.70E-08	7.42E-05	2.34E-08	6.81E-09	4.16E-04	1.31E-07	3.82E-08	8.57E-05	2.71E-08	7.87E-09	3.76E-04	1.19E-07	3.46E-08	3.93E-05	1.24E-08	3.60E-09
3767 494863.09, 3851877.25	4.40E-04	1.39E-07	4.04E-08	8.35E-05	2.64E-08	7.67E-09	4.54E-04	1.43E-07	4.17E-08	9.65E-05	3.05E-08	8.86E-09	4.09E-04	1.29E-07	3.76E-08	4.41E-05	1.39E-08	4.05E-09
3768 495363.09, 3851877.25	4.61E-04	1.46E-07	4.24E-08	8.93E-05	2.82E-08	8.20E-09	4.77E-04	1.50E-07	4.37E-08	1.03E-04	3.26E-08	9.47E-09	4.29E-04	1.35E-07	3.93E-08	4.71E-05	1.49E-08	4.33E-09
3769 495863.09, 3851877.25	4.78E-04	1.51E-07	4.39E-08	9.30E-05	2.93E-08	8.53E-09	4.94E-04	1.56E-07	4.53E-08	1.07E-04	3.39E-08	9.86E-09	4.44E-04	1.40E-07	4.07E-08	4.90E-05	1.55E-08	4.50E-09
3770 496363.09, 3851877.25	4.82E-04	1.52E-07	4.42E-08	9.26E-05	2.92E-08	8.50E-09	4.97E-04	1.57E-07	4.57E-08	1.07E-04	3.38E-08	9.82E-09	4.48E-04	1.41E-07	4.11E-08	4.89E-05	1.54E-08	4.49E-09
3771 496863.09, 3851877.25	4.85E-04	1.53E-07	4.45E-08	9.14E-05	2.89E-08	8.40E-09	5.00E-04	1.58E-07	4.59E-08	1.06E-04	3.34E-08	9.70E-09	4.51E-04	1.42E-07	4.14E-08	4.83E-05	1.52E-08	4.43E-09
3772 497363.09, 3851877.25	4.84E-04	1.53E-07	4.45E-08	8.96E-05	2.83E-08	8.22E-09	4.99E-04	1.58E-07	4.58E-08	1.03E-04	3.27E-08	9.50E-09	4.52E-04	1.43E-07	4.15E-08	4.73E-05	1.49E-08	4.35E-09
3773 497863.09, 3851877.25	4.71E-04	1.49E-07	4.33E-08	8.42E-05	2.66E-08	7.73E-09	4.86E-04	1.53E-07	4.46E-08	9.73E-05	3.07E-08	8.93E-09	4.42E-04	1.39E-07	4.05E-08	4.46E-05	1.41E-08	4.09E-09
3774 498363.09, 3851877.25	4.60E-04	1.45E-07	4.22E-08	7.91E-05	2.50E-08	7.26E-09	4.74E-04	1.49E-07	4.35E-08	9.14E-05	2.88E-08	8.39E-09	4.33E-04	1.37E-07	3.97E-08	4.19E-05	1.32E-08	3.85E-09
3775 471363.09, 3852377.25	1.80E-04	5.67E-08	1.65E-08	2.65E-05	8.35E-09	2.43E-09	1.84E-04	5.81E-08	1.69E-08	3.06E-05	9.65E-09	2.81E-09	1.72E-04	5.43E-08	1.58E-08	1.40E-05	4.42E-09	1.29E-09
3776 471863.09, 3852377.25	1.96E-04	6.18E-08	1.80E-08	3.00E-05	9.46E-09	2.75E-09	2.01E-04	6.34E-08	1.84E-08	3.46E-05	1.09E-08	3.18E-09	1.87E-04	5.90E-08	1.72E-08	1.58E-05	5.00E-09	1.45E-09
3777 472363.09, 3852377.25	2.08E-04	6.56E-08	1.91E-08	3.27E-05	1.03E-08	3.00E-09	2.13E-04	6.73E-08	1.96E-08	3.78E-05	1.19E-08	3.47E-09	1.98E-04	6.24E-08	1.82E-08	1.73E-05	5.45E-09	1.59E-09
3778 472863.09, 3852377.25	2.18E-04	6.89E-08	2.01E-08	3.52E-05	1.11E-08	3.23E-09	2.24E-04	7.08E-08	2.06E-08	4.07E-05	1.28E-08	3.73E-09	2.07E-04	6.55E-08	1.90E-08	1.86E-05	5.86E-09	1.71E-09
3779 473363.09, 3852377.25	2.26E-04	7.13E-08	2.07E-08	3.72E-05	1.17E-08	3.41E-09	2.32E-04	7.33E-08	2.13E-08	4.30E-05	1.36E-08	3.95E-09	2.14E-04	6.76E-08	1.97E-08	1.96E-05	6.19E-09	1.80E-09
3780 473863.09, 3852377.25	2.32E-04	7.31E-08	2.13E-08	3.87E-05	1.22E-08	3.55E-09	2.38E-04	7.52E-08	2.19E-08	4.47E-05	1.41E-08	4.11E-09	2.19E-04	6.92E-08	2.01E-08	2.04E-05	6.44E-09	1.87E-09
3781 474363.09, 3852377.25	2.39E-04	7.56E-08	2.20E-08	4.06E-05	1.28E-08	3.73E-09	2.46E-04	7.78E-08	2.26E-08	4.69E-05	1.48E-08	4.31E-09	2.26E-04	7.15E-08	2.08E-08	2.14E-05	6.75E-09	1.96E-09
3782 474863.09, 3852377.25	2.94E-04	9.27E-08	2.70E-08	4.84E-05	1.53E-08	4.44E-09	3.02E-04	9.53E-08	2.77E-08	5.59E-05	1.77E-08	5.14E-09	2.79E-04	8.80E-08	2.56E-08	2.54E-05	8.03E-09	2.33E-09
3783 475363.09, 3852377.25	3.04E-04	9.59E-08	2.79E-08	4.95E-05	1.56E-08	4.54E-09	3.12E-04	9.86E-08	2.87E-08	5.72E-05	1.81E-08	5.25E-09	2.89E-04	9.12E-08	2.65E-08	2.60E-05	8.21E-09	2.39E-09
3784 475863.09, 3852377.25	3.12E-04	9.83E-08	2.86E-08	4.95E-05	1.56E-08	4.55E-09	3.20E-04	1.01E-07	2.94E-08	5.73E-05	1.81E-08	5.26E-09	2.97E-04	9.38E-08	2.73E-08	2.60E-05	8.21E-09	2.39E-09
3785 476363.09, 3852377.25	3.06E-04	9.65E-08	2.81E-08	4.84E-05	1.53E-08	4.45E-09	3.14E-04	9.91E-08	2.88E-08	5.60E-05	1.77E-08	5.14E-09	2.92E-04	9.20E-08	2.68E-08	2.54E-05	8.02E-09	2.33E-09
3786 476863.09, 3852377.25	3.16E-04	9.97E-08	2.90E-08	4.95E-05	1.56E-08	4.55E-09	3.24E-04	1.02E-07	2.98E-08	5.73E-05	1.81E-08	5.26E-09	3.02E-04	9.53E-08	2.77E-08	2.60E-05	8.20E-09	2.39E-09
3787 477363.09, 3852377.25	3.18E-04	1.00E-07	2.92E-08	5.08E-05	1.60E-08	4.66E-09	3.27E-04	1.03E-07	3.00E-08	5.87E-05	1.85E-08	5.39E-09	3.03E-04	9.57E-08	2.78E-08	2.66E-05	8.40E-09	2.44E-09
3788 477863.09, 3852377.25	2.87E-04	9.05E-08	2.63E-08	4.93E-05	1.56E-08	4.53E-09	2.95E-04	9.31E-08	2.71E-08	5.71E-05	1.80E-08	5.24E-09	2.71E-04	8.56E-08	2.49E-08	2.59E-05	8.17E-09	2.38E-09
3789 478363.09, 3852377.25	2.75E-04	8.69E-08	2.53E-08	5.14E-05	1.62E-08	4.72E-09	2.84E-04	8.96E-08	2.61E-08	5.94E-05	1.88E-08	5.45E-09	2.58E-04	8.14E-08	2.37E-08	2.70E-05	8.51E-09	2.47E-09
3790 478863.09, 3852377.25	3.26E-04	1.03E-07	2.99E-08	6.79E-05	2.14E-08	6.23E-09	3.37E-04	1.06E-07	3.10E-08	7.86E-05	2.48E-08	7.21E-09	3.01E-04	9.49E-08	2.76E-08	3.55E-05	1.12E-08	3.26E-09
3791 479363.09, 3852377.25	3.67E-04	1.16E-07	3.37E-08	7.98E-05	2.52E-08	7.32E-09	3.81E-04	1.20E-07	3.50E-08	9.23E-05	2.91E-08	8.47E-09	3.38E-04	1.07E-07	3.10E-08	4.17E-05	1.32E-08	3.83E-09
3792 479863.09, 3852377.25	5.25E-04	1.66E-07	4.82E-08	8.93E-05	2.82E-08	8.20E-09	5.40E-04	1.70E-07	4.96E-08	1.03E-04	3.26E-08	9.49E-09	4.98E-04	1.57E-07	4.57E-08	4.67E-05	1.47E-08	4.28E-09
3793 480363.09, 3852377.25	7.02E-04	2.22E-07	6.44E-08	9.02E-05	2.85E-08	8.28E-09	7.17E-04	2.26E-07	6.59E-08	1.04E-04	3.30E-08	9.59E-09	6.84E-04	2.16E-07	6.28E-08	4.72E-05	1.49E-08	4.33E-09
3794 480863.09, 3852377.25	6.86E-04	2.16E-07	6.29E-08	8.87E-05	2.80E-08	8.15E-09	7.01E-04	2.21E-07	6.43E-08	1.03E-04	3.24E-08	9.43E-09	6.68E-04	2.11E-07	6.13E-08	4.64E-05	1.46E-08	4.26E-09
3795 481363.09, 3852377.25	6.72E-04	2.12E-07	6.17E-08	9.15E-05	2.89E-08	8.40E-09	6.87E-04	2.17E-07	6.31E-08	1.06E-04	3.34E-08	9.72E-09	6.51E-04	2.06E-07	5.98E-08	4.78E-05	1.51E-08	4.39E-09
3796 481863.09, 3852377.25	6.59E-04	2.08E-07	6.05E-08	1.25E-04	3.93E-08	1.14E-08	6.81E-04	2.15E-07	6.25E-08	1.44E-04	4.55E-08	1.32E-08	6.18E-04	1.95E-07	5.67E-08	6.50E-05	2.05E-08	5.97E-09
3797 482363.09, 3852377.25	6.19E-04	1.95E-07	5.68E-08	1.42E-04	4.49E-08	1.31E-08	6.43E-04	2.03E-07	5.91E-08	1.65E-04	5.20E-08	1.51E-08	5.65E-04	1.78E-07	5.18E-08	7.42E-05	2.34E-08	6.81E-09
3798 482863.09, 3852377.25	5.06E-04	1.60E-07	4.65E-08	1.19E-04	3.74E-08	1.09E-08	5.26E-04	1.66E-07	4.83E-08	1.37E-04	4.33E-08	1.26E-08	4.60E-04	1.45E-07	4.22E-08	6.19E-05	1.96E-08	5.69E-09
3799 483363.09, 3852377.25	3.82E-04	1.21E-07	3.51E-08	9.55E-05	3.01E-08	8.76E-09	3.99E-04	1.26E-07	3.66E-08	1.10E-04	3.49E-08	1.01E-08	3.43E-04	1.08E-07	3.15E-08	5.00E-05	1.58E-08	4.59E-09
3800 483863.09, 3852377.25	3.12E-04	9.86E-08	2.87E-08	7.31E-05	2.31E-08	6.71E-09	3.25E-04	1.03E-07	2.98E-08	8.45E-05	2.67E-08	7.76E-09	2.83E-04	8.93E-08	2.60E-08	3.84E-05	1.21E-08	3.52E-09
3801 484363.09, 3852377.25	3.32E-04	1.05E-07	3.05E-08	8.02E-05	2.53E-08	7.37E-09	3.46E-04	1.09E-07	3.17E-08	9.28E-05	2.93E-08	8.52E-09	2.99E-04	9.44E-08	2.75E-08	4.21E-05	1.33E-08	3.87E-09
3802 484863.09, 3852377.25	3.43E-04	1.08E-07	3.15E-08	7.87E-05	2.48E-08	7.23E-09	3.56E-04	1.12E-07	3.27E-08	9.10E-05	2.87E-08	8.36E-09	3.11E-04	9.82E-08	2.86E-08	4.14E-05	1.31E-08	3.80E-09
3803 485363.09, 3852377.25	3.42E-04	1.08E-07	3.14E-08	7.66E-05	2.42E-08	7.03E-09	3.55E-04	1.12E-07	3.26E-08	8.85E-05	2.79E-08	8.13E-09	3.12E-04	9.83E-08	2.86E-08	4.02E-05	1.27E-08	3.69E-09
3804 485863.09, 3852377.25	3.18E-04	1.00E-07	2.92E-08	6.44E-05	2.03E-08	5.91E-09	3.29E-04	1.04E-07	3.02E-08	7.44E-05	2.35E-08	6.83E-09	2.93E-04	9.26E-08	2.69E-08	3.40E-05	1.07E-08	3.12E-09
3805 486363.09, 3852377.25	2.88E-04	9.09E-08	2.64E-08	4.78E-05	1.51E-08	4.39E-09	2.96E-04	9.35E-08	2.72E-08	5.52E-05	1.74E-08	5.07E-09	2.72E-04	8.57E-08	2.49E-08	2.54E-05	8.03E-09	2.33E-09
3806 486863.09, 3852377.25	2.82E-04	8.91E-08	2.59E-08	4.38E-05	1.38E-08	4.02E-09	2.90E-04	9.15E-08	2.66E-08	5.06E-05	1.60E-08	4.64E-09	2.68E-04	8.46E-08	2.46E-08	2.34E-05	7.37E-09	2.14E-09
3807 487363.09, 3852377.25	2.63E-04	8.29E-08	2.41E-08	4.01E-05	1.27E-08	3.68E-09	2.69E-04	8.50E-08	2.47E-08	4.63E-05	1.46E-08	4.25E-09	2.50E-04	7.89E-08	2.30E-08	2.13E-05	6.73E-09	1.96E-09
3808 487863.09, 3852377.25	2.51E-04	7.93E-08	2.31E-08	3.83E-05	1.21E-08	3.52E-09	2.58E-04	8.13E-08	2.37E-08	4.43E-05	1.40E-08	4.06E-09	2.40E-04	7.56E-08	2.20E-08	2.04E-05	6.43E-09	1.87E-09
3809 488363.09, 3852377.25	2.55E-04	8.03E-08	2.34E-08	3.72E-05	1.18E-08	3.42E-09	2.61E-04	8.23E-08	2.39E-08	4.30E-05	1.36E-08	3.95E-09	2.44E-04	7.69E-08	2.24E-08	1.98E-05	6.26E-09	1.82E-09
3810 488863.09, 3852377.25	2.60E-04	8.21E-08	2.39E-08	3.72E-05	1.17E-08	3.42E-09	2.66E-04	8.40E-08	2.44E-08	4.29E-05	1.36E-08	3.94E-09	2.49E-04	7.87E-08	2.29E-08	1.99E-05	6.27E-09	1.82E-09
3811 489363.09, 3852377.25	2.68E-04	8.44E-08	2.46E-08	4.00E-05	1.26E-08	3.68E-09	2.74E-04	8.66E-08	2.52E-08	4.62E-05	1.46E-08	4.24E-09	2.55E-04	8.06E-08	2.34E-08	2.13E-05	6.73E-09	1.96E-09
3812 489863.09, 3852377.25	2.69E-04	8.48E-08	2.47E-08	4.13E-05	1.30E-08	3.79E-09	2.76E-04	8.70E-08	2.53E-08	4.77E-05	1.51E-08	4.38E-09	2.56E-04	8.07E-08	2.35E-08	2.20E-05	6.95E-09	2.02E-09
3813 490363.09, 3852377.25	3.00E-04	9.46E-08	2.75E-08	4.99E-05	1.57E-08	4.58E-09	3.08E-04	9.72E-08	2.83E-08	5.76E-05	1.82E-08	5.29E-09	2.83E-04	8.94E-08	2.60E-08	2.65E-05	8.35E-09	2.43E-09
3814 490863.09, 3852377.25	3.27E-04	1.03E-07	3.00E-08	5.81E-05	1.83E-08	5.33E-09	3.37E-04	1.06E-07	3.09E-08	6.71E-05	2.12E-08	6.16E-09	3.07E-04	9.69E-08	2.82E-08	3.07E-05	9.70E-09	2.82E-09
3815 491363.09, 3852377.25	3.79E-04	1.20E-07	3.48E-08	7.28E-05	2.30E-08	6.68E-09	3.91E-04	1.24E-07	3.59E-08	8.41E-05	2.65E-08	7.72E-09	3.53E-04	1.11E-07	3.24E-08	3.84E-05	1.21E-08	3.52E-09
3816 491863.09, 3852377.25	4.03E-04	1.27E-07	3.70E-08	7.94E-05	2.51E-08	7.29E-09	4.16E-04	1.31E-07	3.82E-08	9.17E-05	2.90E-08	8.42E-09	3.74E-04	1.18E-07	3.43E-08	4.18E-05	1.32E-08	3.84E-09
3817 492363.09, 3852377.25	4.25E-04	1.34E-07	3.91E-08	8.45E-05	2.67E-08	7.76E-09	4.40E-04	1.39E-07	4.04E-08	9.77E-05	3.08E-08	8.97E-09	3.94E-04	1.24E-07	3.62E-08	4.46E-05	1.41E-08	4.09E-09
3818 492863.09, 3852377.25	4.65E-04	1.47E-07	4.27E-08	9.37E-05	2.96E-08	8.60E-09	4.81E-04	1.52E-07	4.41E-08	1.08E-04	3.42E-08	9.94E-09	4.30E-04	1.36E-07	3.95E-08	4.94E-05	1.56E-08	4.53E-09
3819 493363.09, 3852377.25	5.23E-04	1.65E-07	4.80E-08	1.08E-04	3.40E-08	9.89E-09	5.41E-04	1.71E-07	4.97E-08	1.25E-04	3.93E-08	1.14E-08	4.82E-04	1.52E-07	4.42E-08	5.68E-05	1.79E-08	5.21E-09
3820 493863.09, 3852377.25	5.36E-04	1.69E-07	4.92E-08	1.09E-04	3.45E-08	1.00E-08	5.55E-04	1.75E-07	5.09E-08	1.27E-04	3.99E-08	1.16E-08	4.95E-04	1.56E-07	4.54E-08	5.77E-05	1.82E-08	5.30E-09
3821 494363.09, 3852377.25	5.42E-04	1.71E-07	4.97E-08	1.10E-04	3.48E-08	1.01E-08	5.61E-04	1.77E-07	5.15E-08	1.27E-04	4.02E-08	1.17E-08	5.00E-04	1.58E-07	4.59E-08	5.81E-05	1.83E-08	5.33E-09
3822 494863.09, 3852377.25	5.69E-04	1.80E-07	5.22E-08	1.17E-04	3.70E-08	1.08E-08	5.89E-04	1.86E-07	5.40E-08	1.36E-04	4.28E-08	1.24E-08	5.24E-04	1.65E-07	4.81E-08	6.18E-05	1.95E-08	5.67E-09
3823 495363.09, 3852377.25	5.98E-04	1.89E-07	5.49E-08	1.24E-04	3.93E-08	1.14E-08	6.19E-04	1.95E-07	5.68E-08	1.44E-04	4.54E-08	1.32E-08	5.51E-04	1.74E-07	5.05E-08	6.55E-05	2.07E-08	6.01E-09
3824 495863.09, 3852377.25	5.92E-04	1.87E-07	5.43E-08	1.21E-04	3.81E-08	1.11E-08	6.12E-04	1.93E-07	5.62E-08	1.40E-04	4.41E-08	1.28E-08	5.46E-04	1.72E-07	5.01E-08	6.36E-05	2.01E-08	5.84E-09

3825 496363.09, 3852377.25	5.85E-04	1.85E-07	5.37E-08	1.17E-04	3.68E-08	1.07E-08	6.05E-04	1.91E-07	5.55E-08	1.35E-04	4.25E-08	1.24E-08	5.42E-04	1.71E-07	4.97E-08	6.15E-05	1.94E-08	5.64E-09
3826 496863.09, 3852377.25	5.85E-04	1.85E-07	5.37E-08	1.14E-04	3.59E-08	1.04E-08	6.04E-04	1.91E-07	5.55E-08	1.32E-04	4.15E-08	1.21E-08	5.43E-04	1.71E-07	4.99E-08	6.00E-05	1.89E-08	5.51E-09
3827 497363.09, 3852377.25	5.58E-04	1.76E-07	5.12E-08	1.04E-04	3.29E-08	9.56E-09	5.76E-04	1.82E-07	5.29E-08	1.20E-04	3.80E-08	1.10E-08	5.20E-04	1.64E-07	4.78E-08	5.50E-05	1.74E-08	5.05E-09
3828 497863.09, 3852377.25	5.32E-04	1.68E-07	4.89E-08	9.43E-05	2.98E-08	8.65E-09	5.48E-04	1.73E-07	5.03E-08	1.09E-04	3.44E-08	1.00E-08	4.99E-04	1.58E-07	4.58E-08	4.99E-05	1.58E-08	4.58E-09
3829 498363.09, 3852377.25	5.08E-04	1.60E-07	4.66E-08	8.54E-05	2.69E-08	7.84E-09	5.22E-04	1.65E-07	4.79E-08	9.86E-05	3.11E-08	9.05E-09	4.79E-04	1.51E-07	4.39E-08	4.53E-05	1.43E-08	4.16E-09
3830 471363.09, 3852877.25	1.95E-04	6.17E-08	1.79E-08	2.95E-05	9.32E-09	2.71E-09	2.00E-04	6.32E-08	1.84E-08	3.41E-05	1.08E-08	3.13E-09	1.87E-04	5.89E-08	1.71E-08	1.56E-05	4.93E-09	1.43E-09
3831 471863.09, 3852877.25	2.08E-04	6.56E-08	1.91E-08	3.21E-05	1.01E-08	2.95E-09	2.13E-04	6.74E-08	1.96E-08	3.71E-05	1.17E-08	3.40E-09	1.98E-04	6.26E-08	1.82E-08	1.70E-05	5.35E-09	1.56E-09
3832 472363.09, 3852877.25	2.21E-04	6.99E-08	2.03E-08	3.50E-05	1.10E-08	3.21E-09	2.27E-04	7.18E-08	2.09E-08	4.04E-05	1.28E-08	3.71E-09	2.11E-04	6.65E-08	1.94E-08	1.85E-05	5.83E-09	1.70E-09
3833 472863.09, 3852877.25	2.33E-04	7.34E-08	2.14E-08	3.72E-05	1.18E-08	3.42E-09	2.39E-04	7.54E-08	2.19E-08	4.30E-05	1.36E-08	3.95E-09	2.21E-04	6.98E-08	2.03E-08	1.96E-05	6.20E-09	1.80E-09
3834 473363.09, 3852877.25	2.45E-04	7.73E-08	2.25E-08	3.99E-05	1.26E-08	3.67E-09	2.52E-04	7.95E-08	2.31E-08	4.62E-05	1.46E-08	4.24E-09	2.33E-04	7.34E-08	2.14E-08	2.11E-05	6.65E-09	1.93E-09
3835 473863.09, 3852877.25	2.62E-04	8.27E-08	2.40E-08	4.34E-05	1.37E-08	3.98E-09	2.69E-04	8.50E-08	2.47E-08	5.01E-05	1.58E-08	4.60E-09	2.48E-04	7.83E-08	2.28E-08	2.29E-05	7.21E-09	2.10E-09
3836 474363.09, 3852877.25	2.81E-04	8.88E-08	2.58E-08	4.75E-05	1.50E-08	4.36E-09	2.89E-04	9.14E-08	2.66E-08	5.49E-05	1.73E-08	5.04E-09	2.66E-04	8.40E-08	2.44E-08	2.50E-05	7.90E-09	2.30E-09
3837 474863.09, 3852877.25	2.70E-04	8.52E-08	2.48E-08	4.62E-05	1.46E-08	4.24E-09	2.78E-04	8.77E-08	2.55E-08	5.34E-05	1.69E-08	4.90E-09	2.55E-04	8.05E-08	2.34E-08	2.43E-05	7.68E-09	2.23E-09
3838 475363.09, 3852877.25	2.95E-04	9.32E-08	2.71E-08	5.11E-05	1.61E-08	4.69E-09	3.04E-04	9.60E-08	2.79E-08	5.91E-05	1.86E-08	5.42E-09	2.79E-04	8.80E-08	2.56E-08	2.69E-05	8.48E-09	2.47E-09
3839 475863.09, 3852877.25	3.04E-04	9.61E-08	2.79E-08	5.34E-05	1.68E-08	4.90E-09	3.13E-04	9.89E-08	2.88E-08	6.17E-05	1.95E-08	5.67E-09	2.87E-04	9.06E-08	2.63E-08	2.81E-05	8.85E-09	2.58E-09
3840 476363.09, 3852877.25	2.94E-04	9.29E-08	2.70E-08	5.20E-05	1.64E-08	4.78E-09	3.03E-04	9.57E-08	2.78E-08	6.02E-05	1.90E-08	5.52E-09	2.77E-04	8.75E-08	2.55E-08	2.73E-05	8.63E-09	2.51E-09
3841 476863.09, 3852877.25	2.70E-04	8.51E-08	2.48E-08	4.73E-05	1.49E-08	4.34E-09	2.78E-04	8.77E-08	2.55E-08	5.47E-05	1.73E-08	5.02E-09	2.54E-04	8.03E-08	2.33E-08	2.49E-05	7.85E-09	2.28E-09
3842 477363.09, 3852877.25	2.49E-04	7.86E-08	2.29E-08	4.28E-05	1.35E-08	3.93E-09	2.56E-04	8.09E-08	2.35E-08	4.95E-05	1.56E-08	4.55E-09	2.35E-04	7.43E-08	2.16E-08	2.25E-05	7.11E-09	2.07E-09
3843 477863.09, 3852877.25	2.29E-04	7.23E-08	2.10E-08	3.80E-05	1.20E-08	3.49E-09	2.35E-04	7.43E-08	2.16E-08	4.39E-05	1.39E-08	4.03E-09	2.17E-04	6.85E-08	1.99E-08	2.00E-05	6.32E-09	1.84E-09
3844 478363.09, 3852877.25	2.02E-04	6.37E-08	1.85E-08	2.98E-05	9.39E-09	2.73E-09	2.07E-04	6.53E-08	1.90E-08	3.44E-05	1.08E-08	3.16E-09	1.94E-04	6.11E-08	1.78E-08	1.57E-05	4.96E-09	1.44E-09
3845 478863.09, 3852877.25	2.29E-04	7.23E-08	2.10E-08	3.58E-05	1.13E-08	3.29E-09	2.35E-04	7.42E-08	2.16E-08	4.14E-05	1.31E-08	3.80E-09	2.19E-04	6.90E-08	2.01E-08	1.89E-05	5.96E-09	1.73E-09
3846 479363.09, 3852877.25	2.81E-04	8.87E-08	2.58E-08	5.32E-05	1.68E-08	4.88E-09	2.90E-04	9.16E-08	2.66E-08	6.15E-05	1.94E-08	5.64E-09	2.63E-04	8.29E-08	2.41E-08	2.79E-05	8.81E-09	2.56E-09
3847 479863.09, 3852877.25	4.17E-04	1.32E-07	3.83E-08	9.15E-05	2.89E-08	8.40E-09	4.32E-04	1.36E-07	3.97E-08	1.06E-04	3.34E-08	9.72E-09	3.82E-04	1.21E-07	3.51E-08	4.78E-05	1.51E-08	4.39E-09
3848 480363.09, 3852877.25	6.63E-04	2.09E-07	6.08E-08	1.10E-04	3.47E-08	1.01E-08	6.82E-04	2.15E-07	6.26E-08	1.27E-04	4.02E-08	1.17E-08	6.31E-04	1.99E-07	5.79E-08	5.75E-05	1.81E-08	5.28E-09
3849 480863.09, 3852877.25	7.81E-04	2.46E-07	7.17E-08	1.16E-04	3.65E-08	1.06E-08	8.01E-04	2.53E-07	7.35E-08	1.34E-04	4.23E-08	1.23E-08	7.52E-04	2.37E-07	6.90E-08	6.04E-05	1.91E-08	5.55E-09
3850 481363.09, 3852877.25	8.32E-04	2.63E-07	7.64E-08	1.14E-04	3.60E-08	1.05E-08	8.51E-04	2.69E-07	7.82E-08	1.32E-04	4.16E-08	1.21E-08	8.07E-04	2.55E-07	7.41E-08	5.95E-05	1.88E-08	5.46E-09
3851 481863.09, 3852877.25	7.96E-04	2.51E-07	7.31E-08	1.15E-04	3.63E-08	1.05E-08	8.16E-04	2.58E-07	7.49E-08	1.33E-04	4.20E-08	1.22E-08	7.69E-04	2.43E-07	7.06E-08	6.00E-05	1.89E-08	5.51E-09
3852 482363.09, 3852877.25	7.99E-04	2.52E-07	7.33E-08	1.56E-04	4.92E-08	1.43E-08	8.26E-04	2.61E-07	7.58E-08	1.80E-04	5.70E-08	1.66E-08	7.46E-04	2.35E-07	6.85E-08	8.14E-05	2.57E-08	7.47E-09
3853 482863.09, 3852877.25	7.59E-04	2.39E-07	6.97E-08	1.79E-04	5.64E-08	1.64E-08	7.90E-04	2.49E-07	7.25E-08	2.07E-04	6.53E-08	1.90E-08	6.90E-04	2.18E-07	6.33E-08	9.32E-05	2.94E-08	8.56E-09
3854 483363.09, 3852877.25	5.88E-04	1.85E-07	5.39E-08	1.50E-04	4.74E-08	1.38E-08	6.13E-04	1.94E-07	5.63E-08	1.74E-04	5.49E-08	1.60E-08	5.26E-04	1.66E-07	4.83E-08	7.85E-05	2.48E-08	7.20E-09
3855 483863.09, 3852877.25	4.23E-04	1.34E-07	3.89E-08	1.11E-04	3.51E-08	1.02E-08	4.42E-04	1.40E-07	4.06E-08	1.29E-04	4.07E-08	1.18E-08	3.76E-04	1.19E-07	3.45E-08	5.83E-05	1.84E-08	5.35E-09
3856 484363.09, 3852877.25	4.42E-04	1.40E-07	4.06E-08	1.18E-04	3.74E-08	1.09E-08	4.62E-04	1.46E-07	4.25E-08	1.37E-04	4.32E-08	1.26E-08	3.92E-04	1.24E-07	3.60E-08	6.19E-05	1.95E-08	5.68E-09
3857 484863.09, 3852877.25	4.52E-04	1.43E-07	4.15E-08	1.13E-04	3.56E-08	1.04E-08	4.72E-04	1.49E-07	4.33E-08	1.31E-04	4.12E-08	1.20E-08	4.06E-04	1.28E-07	3.73E-08	5.92E-05	1.87E-08	5.43E-09
3858 485363.09, 3852877.25	3.59E-04	1.13E-07	3.30E-08	7.68E-05	2.42E-08	7.05E-09	3.72E-04	1.17E-07	3.42E-08	8.88E-05	2.80E-08	8.15E-09	3.29E-04	1.04E-07	3.02E-08	4.05E-05	1.28E-08	3.72E-09
3859 485863.09, 3852877.25	3.24E-04	1.02E-07	2.97E-08	6.16E-05	1.94E-08	5.65E-09	3.34E-04	1.06E-07	3.07E-08	7.12E-05	2.25E-08	6.53E-09	3.02E-04	9.52E-08	2.77E-08	3.25E-05	1.03E-08	2.99E-09
3860 486363.09, 3852877.25	3.13E-04	9.89E-08	2.88E-08	4.92E-05	1.55E-08	4.52E-09	3.22E-04	1.02E-07	2.95E-08	5.68E-05	1.79E-08	5.22E-09	2.97E-04	9.39E-08	2.73E-08	2.62E-05	8.27E-09	2.41E-09
3861 486863.09, 3852877.25	3.24E-04	1.02E-07	2.97E-08	4.83E-05	1.52E-08	4.43E-09	3.32E-04	1.05E-07	3.05E-08	5.57E-05	1.76E-08	5.12E-09	3.09E-04	9.75E-08	2.83E-08	2.57E-05	8.13E-09	2.36E-09
3862 487363.09, 3852877.25	3.12E-04	9.84E-08	2.86E-08	4.54E-05	1.43E-08	4.17E-09	3.19E-04	1.01E-07	2.93E-08	5.24E-05	1.66E-08	4.81E-09	2.98E-04	9.42E-08	2.74E-08	2.42E-05	7.64E-09	2.22E-09
3863 487863.09, 3852877.25	3.09E-04	9.76E-08	2.84E-08	4.63E-05	1.46E-08	4.26E-09	3.17E-04	1.00E-07	2.91E-08	5.35E-05	1.69E-08	4.91E-09	2.96E-04	9.33E-08	2.71E-08	2.46E-05	7.77E-09	2.26E-09
3864 488363.09, 3852877.25	2.81E-04	8.86E-08	2.58E-08	3.95E-05	1.25E-08	3.63E-09	2.87E-04	9.07E-08	2.64E-08	4.56E-05	1.44E-08	4.18E-09	2.70E-04	8.51E-08	2.48E-08	2.11E-05	6.65E-09	1.93E-09
3865 488863.09, 3852877.25	3.19E-04	1.01E-07	2.92E-08	4.88E-05	1.54E-08	4.48E-09	3.27E-04	1.03E-07	3.00E-08	5.64E-05	1.78E-08	5.17E-09	3.04E-04	9.58E-08	2.79E-08	2.60E-05	8.19E-09	2.38E-09
3866 489363.09, 3852877.25	3.41E-04	1.08E-07	3.13E-08	5.67E-05	1.79E-08	5.20E-09	3.51E-04	1.11E-07	3.22E-08	6.54E-05	2.06E-08	6.01E-09	3.23E-04	1.02E-07	2.96E-08	3.00E-05	9.48E-09	2.76E-09
3867 489863.09, 3852877.25	3.65E-04	1.15E-07	3.35E-08	6.47E-05	2.04E-08	5.94E-09	3.76E-04	1.19E-07	3.45E-08	7.48E-05	2.36E-08	6.86E-09	3.43E-04	1.08E-07	3.14E-08	3.43E-05	1.08E-08	3.14E-09
3868 490363.09, 3852877.25	4.47E-04	1.41E-07	4.10E-08	8.86E-05	2.79E-08	8.13E-09	4.62E-04	1.46E-07	4.24E-08	1.02E-04	3.23E-08	9.40E-09	4.14E-04	1.31E-07	3.80E-08	4.67E-05	1.47E-08	4.28E-09
3869 490863.09, 3852877.25	4.92E-04	1.55E-07	4.52E-08	1.03E-04	3.25E-08	9.45E-09	5.09E-04	1.61E-07	4.68E-08	1.19E-04	3.76E-08	1.09E-08	4.53E-04	1.43E-07	4.16E-08	5.41E-05	1.71E-08	4.97E-09
3870 491363.09, 3852877.25	5.38E-04	1.70E-07	4.94E-08	1.17E-04	3.68E-08	1.07E-08	5.58E-04	1.76E-07	5.13E-08	1.35E-04	4.26E-08	1.24E-08	4.94E-04	1.56E-07	4.53E-08	6.13E-05	1.94E-08	5.63E-09
3871 491863.09, 3852877.25	5.69E-04	1.79E-07	5.22E-08	1.25E-04	3.94E-08	1.15E-08	5.90E-04	1.86E-07	5.42E-08	1.44E-04	4.56E-08	1.33E-08	5.20E-04	1.64E-07	4.78E-08	6.56E-05	2.07E-08	6.02E-09
3872 492363.09, 3852877.25	6.08E-04	1.92E-07	5.58E-08	1.34E-04	4.24E-08	1.23E-08	6.30E-04	1.99E-07	5.79E-08	1.55E-04	4.90E-08	1.43E-08	5.55E-04	1.75E-07	5.10E-08	7.06E-05	2.23E-08	6.48E-09
3873 492863.09, 3852877.25	6.74E-04	2.13E-07	6.18E-08	1.50E-04	4.74E-08	1.38E-08	6.99E-04	2.21E-07	6.42E-08	1.74E-04	5.48E-08	1.59E-08	6.14E-04	1.94E-07	5.64E-08	7.90E-05	2.49E-08	7.25E-09
3874 493363.09, 3852877.25	7.21E-04	2.28E-07	6.62E-08	1.61E-04	5.07E-08	1.48E-08	7.48E-04	2.36E-07	6.87E-08	1.86E-04	5.86E-08	1.71E-08	6.57E-04	2.07E-07	6.03E-08	8.45E-05	2.67E-08	7.76E-09
3875 493863.09, 3852877.25	7.22E-04	2.28E-07	6.63E-08	1.60E-04	5.06E-08	1.47E-08	7.50E-04	2.37E-07	6.88E-08	1.85E-04	5.85E-08	1.70E-08	6.59E-04	2.08E-07	6.05E-08	8.43E-05	2.66E-08	7.74E-09
3876 494363.09, 3852877.25	7.24E-04	2.28E-07	6.64E-08	1.60E-04	5.06E-08	1.47E-08	7.51E-04	2.37E-07	6.89E-08	1.85E-04	5.85E-08	1.70E-08	6.61E-04	2.09E-07	6.07E-08	8.42E-05	2.66E-08	7.73E-09
3877 494863.09, 3852877.25	7.38E-04	2.33E-07	6.78E-08	1.63E-04	5.14E-08	1.50E-08	7.66E-04	2.42E-07	7.03E-08	1.89E-04	5.95E-08	1.73E-08	6.75E-04	2.13E-07	6.19E-08	8.56E-05	2.70E-08	7.86E-09
3878 495363.09, 3852877.25	7.22E-04	2.28E-07	6.63E-08	1.55E-04	4.90E-08	1.43E-08	7.49E-04	2.36E-07	6.88E-08	1.80E-04	5.67E-08	1.65E-08	6.62E-04	2.09E-07	6.08E-08	8.17E-05	2.58E-08	7.50E-09
3879 495863.09, 3852877.25	7.07E-04	2.23E-07	6.49E-08	1.47E-04	4.65E-08	1.35E-08	7.32E-04	2.31E-07	6.72E-08	1.70E-04	5.37E-08	1.56E-08	6.51E-04	2.05E-07	5.97E-08	7.75E-05	2.45E-08	7.11E-09
3880 496363.09, 3852877.25	7.12E-04	2.25E-07	6.53E-08	1.45E-04	4.57E-08	1.33E-08	7.36E-04	2.32E-07	6.76E-08	1.67E-04	5.28E-08	1.54E-08	6.57E-04	2.07E-07	6.03E-08	7.62E-05	2.40E-08	7.00E-09
3881 496863.09, 3852877.25	7.02E-04	2.22E-07	6.45E-08	1.38E-04	4.35E-08	1.27E-08	7.26E-04	2.29E-07	6.66E-08	1.59E-04	5.03E-08	1.46E-08	6.51E-04	2.05E-07	5.98E-08	7.27E-05	2.29E-08	6.67E-09
3882 497363.09, 3852877.25	6.46E-04	2.04E-07	5.93E-08	1.19E-04	3.76E-08	1.10E-08	6.66E-04	2.10E-07	6.11E-08	1.38E-04	4.35E-08	1.27E-08	6.03E-04	1.90E-07	5.53E-08	6.30E-05	1.99E-08	5.79E-09
3883 497863.09, 3852877.25	5.53E-04	1.74E-07	5.07E-08	9.20E-05	2.90E-08	8.44E-09	5.68E-04	1.79E-07	5.21E-08	1.06E-04	3.35E-08	9.75E-09	5.21E-04	1.64E-07	4.78E-08	4.88E-05	1.54E-08	4.48E-09
3884 498363.09, 3852877.25	5.44E-04	1.72E-07	4.99E-08	8.67E-05	2.74E-08	7.96E-09	5.58E-04	1.76E-07	5.13E-08	1.00E-04	3.16E-08	9.18E-09	5.15E-04	1.63E-07	4.73E-08	4.61E-05	1.46E-08	4.23E-09
3885 471363.09, 3853377.25	2.10E-04	6.63E-08	1.93E-08	3.10E-05	9.77E-09	2.84E-09	2.15E-04	6.79E-08	1.98E-08	3.58E-05	1.13E-08	3.28E-09	2.01E-04	6.35E-08	1.85E-08	1.64E-05	5.17E-09	1.50E-09
3886 471863.09, 3853377.25	2.22E-04	7.02E-08	2.04E-08	3.40E-05	1.07E-08	3.12E-09	2.28E-04	7.20E-08	2.10E-08	3.93E-05	1.24E-08	3.60E-09	2.12E-04	6.70E-08	1.95E-08	1.80E-05	5.67E-09	1.65E-09
3887 472363.09, 3853377.25	2.34E-04	7.39E-08	2.15E-08	3.65E-05	1.15E-08	3.35E-09	2.40E-04	7.59E-08	2.21E-08	4.22E-05	1.33E-08	3.88E-09	2.23E-04	7.05E-08	2.05E-08	1.93E-05	6.09E-09	1.77E-09
3888 472863.09, 3853377.25	2.47E-04	7.78E-08	2.26E-08	3.91E-05	1.23E-08	3.59E-09	2.53E-04	7.99E-08	2.32E-08	4.52E-05	1.43E-08	4.15E-09	2.35E-04	7.40E-08	2.15E-08	2.06E-05	6.51E-09	1.89E-09
3889 473363.09, 3853377.25	2.56E-04	8.07E-08	2.35E-08	4.12E-05	1.30E-08	3.78E-09	2.63E-04	8.29E-08	2.41E-08	4.76E-05	1.50E-08	4.37E-09	2.43E-04	7.67E-08	2.23E-08	2.17E-05	6.86E-09	2.00E-09
3890 473863.09, 3853377.25	2.66E-04	8.41E-08	2.45E-08	4.37E-05	1.38E-08	4.01E-09	2.74E-04	8.64E-08	2.51E-08	5.05E-05	1.59E-08	4.63E-09	2.53E-04	7.98E-08	2.32E-08	2.30E-05	7.26E-09	2.11E-09

3891 474363.09, 3853377.25	2.77E-04	8.73E-08	2.54E-08	4.63E-05	1.46E-08	4.25E-09	2.85E-04	8.98E-08	2.61E-08	5.35E-05	1.69E-08	4.91E-09	2.62E-04	8.27E-08	2.41E-08	2.44E-05	7.70E-09	2.24E-09
3892 474863.09, 3853377.25	2.75E-04	8.67E-08	2.52E-08	4.69E-05	1.48E-08	4.31E-09	2.83E-04	8.92E-08	2.60E-08	5.42E-05	1.71E-08	4.98E-09	2.59E-04	8.19E-08	2.38E-08	2.47E-05	7.80E-09	2.27E-09
3893 475363.09, 3853377.25	2.78E-04	8.79E-08	2.56E-08	4.85E-05	1.53E-08	4.45E-09	2.87E-04	9.05E-08	2.63E-08	5.60E-05	1.77E-08	5.15E-09	2.62E-04	8.28E-08	2.41E-08	2.55E-05	8.06E-09	2.34E-09
3894 475863.09, 3853377.25	2.81E-04	8.88E-08	2.58E-08	4.96E-05	1.57E-08	4.56E-09	2.90E-04	9.14E-08	2.66E-08	5.74E-05	1.81E-08	5.27E-09	2.65E-04	8.35E-08	2.43E-08	2.61E-05	8.25E-09	2.40E-09
3895 476363.09, 3853377.25	2.68E-04	8.47E-08	2.46E-08	4.69E-05	1.48E-08	4.31E-09	2.76E-04	8.73E-08	2.54E-08	5.43E-05	1.71E-08	4.98E-09	2.53E-04	7.98E-08	2.32E-08	2.47E-05	7.81E-09	2.27E-09
3896 476863.09, 3853377.25	2.44E-04	7.69E-08	2.24E-08	4.09E-05	1.29E-08	3.75E-09	2.50E-04	7.91E-08	2.30E-08	4.72E-05	1.49E-08	4.33E-09	2.30E-04	7.27E-08	2.11E-08	2.16E-05	6.81E-09	1.98E-09
3897 477363.09, 3853377.25	2.43E-04	7.65E-08	2.23E-08	4.02E-05	1.27E-08	3.69E-09	2.49E-04	7.87E-08	2.29E-08	4.65E-05	1.47E-08	4.27E-09	2.30E-04	7.25E-08	2.11E-08	2.12E-05	6.70E-09	1.95E-09
3898 477863.09, 3853377.25	2.46E-04	7.75E-08	2.25E-08	4.04E-05	1.28E-08	3.71E-09	2.52E-04	7.97E-08	2.32E-08	4.67E-05	1.48E-08	4.29E-09	2.33E-04	7.35E-08	2.14E-08	2.13E-05	6.73E-09	1.96E-09
3899 478363.09, 3853377.25	2.22E-04	6.99E-08	2.03E-08	3.43E-05	1.08E-08	3.15E-09	2.27E-04	7.18E-08	2.09E-08	3.97E-05	1.25E-08	3.64E-09	2.11E-04	6.67E-08	1.94E-08	1.82E-05	5.73E-09	1.67E-09
3900 478863.09, 3853377.25	1.94E-04	6.13E-08	1.78E-08	2.68E-05	8.47E-09	2.46E-09	1.99E-04	6.27E-08	1.82E-08	3.10E-05	9.78E-09	2.84E-09	1.87E-04	5.91E-08	1.72E-08	1.42E-05	4.49E-09	1.31E-09
3901 479363.09, 3853377.25	2.65E-04	8.36E-08	2.43E-08	4.34E-05	1.37E-08	3.99E-09	2.72E-04	8.60E-08	2.50E-08	5.02E-05	1.58E-08	4.61E-09	2.52E-04	7.94E-08	2.31E-08	2.29E-05	7.22E-09	2.10E-09
3902 479863.09, 3853377.25	3.47E-04	1.10E-07	3.19E-08	6.65E-05	2.10E-08	6.10E-09	3.59E-04	1.13E-07	3.29E-08	7.69E-05	2.43E-08	7.06E-09	3.24E-04	1.02E-07	2.98E-08	3.49E-05	1.10E-08	3.20E-09
3903 480363.09, 3853377.25	5.17E-04	1.63E-07	4.75E-08	1.08E-04	3.42E-08	9.96E-09	5.36E-04	1.69E-07	4.92E-08	1.26E-04	3.96E-08	1.15E-08	4.78E-04	1.51E-07	4.39E-08	5.67E-05	1.79E-08	5.20E-09
3904 480863.09, 3853377.25	5.41E-04	1.71E-07	4.96E-08	1.22E-04	3.84E-08	1.12E-08	5.62E-04	1.77E-07	5.16E-08	1.41E-04	4.45E-08	1.29E-08	4.94E-04	1.56E-07	4.54E-08	6.36E-05	2.01E-08	5.84E-09
3905 481363.09, 3853377.25	8.10E-04	2.56E-07	7.44E-08	1.51E-04	4.75E-08	1.38E-08	8.36E-04	2.64E-07	7.68E-08	1.74E-04	5.50E-08	1.60E-08	7.61E-04	2.40E-07	6.99E-08	7.86E-05	2.48E-08	7.22E-09
3906 481863.09, 3853377.25	1.04E-03	3.28E-07	9.54E-08	1.53E-04	4.84E-08	1.41E-08	1.07E-03	3.36E-07	9.78E-08	1.77E-04	5.60E-08	1.63E-08	1.00E-03	3.16E-07	9.19E-08	8.00E-05	2.53E-08	7.35E-09
3907 482363.09, 3853377.25	9.67E-04	3.05E-07	8.88E-08	1.53E-04	4.84E-08	1.41E-08	9.93E-04	3.14E-07	9.12E-08	1.77E-04	5.60E-08	1.63E-08	9.25E-04	2.92E-07	8.49E-08	8.01E-05	2.53E-08	7.35E-09
3908 482863.09, 3853377.25	1.00E-03	3.17E-07	9.21E-08	2.06E-04	6.50E-08	1.89E-08	1.04E-03	3.28E-07	9.54E-08	2.38E-04	7.53E-08	2.19E-08	9.31E-04	2.94E-07	8.55E-08	1.07E-04	3.39E-08	9.87E-09
3909 483363.09, 3853377.25	8.33E-04	2.63E-07	7.65E-08	2.37E-04	7.47E-08	2.17E-08	8.74E-04	2.76E-07	8.02E-08	2.74E-04	8.65E-08	2.52E-08	7.32E-04	2.31E-07	6.72E-08	1.23E-04	3.90E-08	1.13E-08
3910 483863.09, 3853377.25	6.84E-04	2.16E-07	6.28E-08	1.96E-04	6.18E-08	1.80E-08	7.18E-04	2.27E-07	6.59E-08	2.27E-04	7.15E-08	2.08E-08	6.00E-04	1.89E-07	5.51E-08	1.02E-04	3.22E-08	9.38E-09
3911 484363.09, 3853377.25	6.44E-04	2.03E-07	5.91E-08	1.79E-04	5.66E-08	1.65E-08	6.75E-04	2.13E-07	6.19E-08	2.08E-04	6.55E-08	1.91E-08	5.67E-04	1.79E-07	5.21E-08	9.37E-05	2.96E-08	8.60E-09
3912 484863.09, 3853377.25	5.20E-04	1.64E-07	4.77E-08	1.40E-04	4.43E-08	1.29E-08	5.44E-04	1.72E-07	4.99E-08	1.62E-04	5.13E-08	1.49E-08	4.60E-04	1.45E-07	4.22E-08	7.35E-05	2.32E-08	6.75E-09
3913 485363.09, 3853377.25	4.00E-04	1.26E-07	3.67E-08	7.91E-05	2.50E-08	7.26E-09	4.13E-04	1.30E-07	3.79E-08	9.14E-05	2.88E-08	8.39E-09	3.70E-04	1.17E-07	3.40E-08	4.18E-05	1.32E-08	3.83E-09
3914 485863.09, 3853377.25	3.33E-04	1.05E-07	3.06E-08	5.26E-05	1.66E-08	4.83E-09	3.42E-04	1.08E-07	3.14E-08	6.07E-05	1.92E-08	5.57E-09	3.17E-04	9.99E-08	2.91E-08	2.79E-05	8.81E-09	2.56E-09
3915 486363.09, 3853377.25	3.72E-04	1.18E-07	3.42E-08	5.57E-05	1.76E-08	5.11E-09	3.82E-04	1.20E-07	3.50E-08	6.43E-05	2.03E-08	5.90E-09	3.56E-04	1.12E-07	3.27E-08	2.96E-05	9.35E-09	2.72E-09
3916 486863.09, 3853377.25	4.07E-04	1.29E-07	3.74E-08	5.92E-05	1.87E-08	5.44E-09	4.17E-04	1.32E-07	3.83E-08	6.83E-05	2.16E-08	6.27E-09	3.90E-04	1.23E-07	3.58E-08	3.15E-05	9.95E-09	2.89E-09
3917 487363.09, 3853377.25	4.46E-04	1.41E-07	4.09E-08	7.02E-05	2.22E-08	6.45E-09	4.57E-04	1.44E-07	4.20E-08	8.11E-05	2.56E-08	7.45E-09	4.24E-04	1.34E-07	3.89E-08	3.72E-05	1.18E-08	3.42E-09
3918 487863.09, 3853377.25	4.76E-04	1.50E-07	4.37E-08	8.55E-05	2.70E-08	7.85E-09	4.90E-04	1.55E-07	4.50E-08	9.88E-05	3.12E-08	9.07E-09	4.47E-04	1.41E-07	4.10E-08	4.51E-05	1.42E-08	4.14E-09
3919 488363.09, 3853377.25	5.32E-04	1.68E-07	4.89E-08	1.04E-04	3.29E-08	9.58E-09	5.50E-04	1.74E-07	5.05E-08	1.21E-04	3.81E-08	1.11E-08	4.95E-04	1.56E-07	4.54E-08	5.49E-05	1.73E-08	5.04E-09
3920 488863.09, 3853377.25	5.76E-04	1.82E-07	5.29E-08	1.20E-04	3.79E-08	1.10E-08	5.96E-04	1.88E-07	5.47E-08	1.39E-04	4.38E-08	1.27E-08	5.31E-04	1.68E-07	4.87E-08	6.31E-05	1.99E-08	5.80E-09
3921 489363.09, 3853377.25	6.09E-04	1.92E-07	5.59E-08	1.34E-04	4.22E-08	1.23E-08	6.32E-04	2.00E-07	5.80E-08	1.55E-04	4.88E-08	1.42E-08	5.58E-04	1.76E-07	5.12E-08	7.03E-05	2.22E-08	6.45E-09
3922 489863.09, 3853377.25	6.34E-04	2.00E-07	5.82E-08	1.41E-04	4.46E-08	1.30E-08	6.58E-04	2.08E-07	6.04E-08	1.63E-04	5.15E-08	1.50E-08	5.79E-04	1.83E-07	5.31E-08	7.42E-05	2.34E-08	6.81E-09
3923 490363.09, 3853377.25	6.92E-04	2.18E-07	6.35E-08	1.60E-04	5.04E-08	1.47E-08	7.19E-04	2.27E-07	6.60E-08	1.85E-04	5.83E-08	1.70E-08	6.29E-04	1.98E-07	5.77E-08	8.38E-05	2.65E-08	7.70E-09
3924 490863.09, 3853377.25	7.34E-04	2.32E-07	6.73E-08	1.76E-04	5.54E-08	1.61E-08	7.64E-04	2.41E-07	7.01E-08	2.03E-04	6.41E-08	1.86E-08	6.63E-04	2.09E-07	6.09E-08	9.20E-05	2.90E-08	8.45E-09
3925 491363.09, 3853377.25	7.72E-04	2.44E-07	7.09E-08	1.89E-04	5.98E-08	1.74E-08	8.05E-04	2.54E-07	7.39E-08	2.19E-04	6.92E-08	2.01E-08	6.96E-04	2.20E-07	6.39E-08	9.92E-05	3.13E-08	9.11E-09
3926 491863.09, 3853377.25	8.17E-04	2.58E-07	7.50E-08	2.00E-04	6.32E-08	1.84E-08	8.51E-04	2.69E-07	7.81E-08	2.32E-04	7.31E-08	2.13E-08	7.35E-04	2.32E-07	6.75E-08	1.05E-04	3.31E-08	9.64E-09
3927 492363.09, 3853377.25	8.84E-04	2.79E-07	8.12E-08	2.16E-04	6.82E-08	1.98E-08	9.21E-04	2.91E-07	8.46E-08	2.50E-04	7.89E-08	2.29E-08	7.96E-04	2.51E-07	7.30E-08	1.13E-04	3.58E-08	1.04E-08
3928 492863.09, 3853377.25	9.47E-04	2.99E-07	8.70E-08	2.29E-04	7.24E-08	2.11E-08	9.86E-04	3.11E-07	9.06E-08	2.65E-04	8.37E-08	2.44E-08	8.53E-04	2.69E-07	7.83E-08	1.20E-04	3.80E-08	1.10E-08
3929 493363.09, 3853377.25	9.58E-04	3.02E-07	8.79E-08	2.29E-04	7.24E-08	2.10E-08	9.97E-04	3.15E-07	9.15E-08	2.65E-04	8.37E-08	2.43E-08	8.65E-04	2.73E-07	7.94E-08	1.20E-04	3.80E-08	1.10E-08
3930 493863.09, 3853377.25	9.56E-04	3.02E-07	8.77E-08	2.27E-04	7.16E-08	2.08E-08	9.94E-04	3.14E-07	9.13E-08	2.62E-04	8.28E-08	2.41E-08	8.64E-04	2.73E-07	7.93E-08	1.19E-04	3.76E-08	1.09E-08
3931 494363.09, 3853377.25	9.31E-04	2.94E-07	8.54E-08	2.17E-04	6.86E-08	1.99E-08	9.68E-04	3.05E-07	8.88E-08	2.51E-04	7.93E-08	2.31E-08	8.44E-04	2.66E-07	7.74E-08	1.14E-04	3.60E-08	1.05E-08
3932 494863.09, 3853377.25	9.06E-04	2.86E-07	8.32E-08	2.05E-04	6.46E-08	1.88E-08	9.41E-04	2.97E-07	8.64E-08	2.37E-04	7.47E-08	2.17E-08	8.25E-04	2.60E-07	7.57E-08	1.07E-04	3.39E-08	9.86E-09
3933 495363.09, 3853377.25	9.02E-04	2.85E-07	8.28E-08	1.98E-04	6.24E-08	1.81E-08	9.36E-04	2.95E-07	8.59E-08	2.28E-04	7.21E-08	2.10E-08	8.25E-04	2.60E-07	7.57E-08	1.04E-04	3.28E-08	9.53E-09
3934 495863.09, 3853377.25	8.81E-04	2.78E-07	8.09E-08	1.86E-04	5.88E-08	1.71E-08	9.13E-04	2.88E-07	8.38E-08	2.16E-04	6.80E-08	1.98E-08	8.09E-04	2.55E-07	7.43E-08	9.81E-05	3.10E-08	9.00E-09
3935 496363.09, 3853377.25	8.43E-04	2.66E-07	7.73E-08	1.71E-04	5.40E-08	1.57E-08	8.72E-04	2.75E-07	8.00E-08	1.98E-04	6.24E-08	1.82E-08	7.78E-04	2.45E-07	7.14E-08	9.01E-05	2.84E-08	8.27E-09
3936 496863.09, 3853377.25	7.85E-04	2.48E-07	7.20E-08	1.51E-04	4.75E-08	1.38E-08	8.10E-04	2.56E-07	7.44E-08	1.74E-04	5.49E-08	1.60E-08	7.29E-04	2.30E-07	6.69E-08	7.95E-05	2.51E-08	7.30E-09
3937 497363.09, 3853377.25	7.10E-04	2.24E-07	6.52E-08	1.26E-04	3.98E-08	1.16E-08	7.32E-04	2.31E-07	6.72E-08	1.46E-04	4.60E-08	1.34E-08	6.66E-04	2.10E-07	6.11E-08	6.67E-05	2.11E-08	6.13E-09
3938 497863.09, 3853377.25	5.65E-04	1.78E-07	5.19E-08	8.70E-05	2.75E-08	7.99E-09	5.80E-04	1.83E-07	5.32E-08	1.00E-04	3.17E-08	9.22E-09	5.37E-04	1.69E-07	4.93E-08	4.64E-05	1.46E-08	4.26E-09
3939 498363.09, 3853377.25	4.98E-04	1.57E-07	4.58E-08	6.94E-05	2.19E-08	6.37E-09	5.10E-04	1.61E-07	4.68E-08	8.00E-05	2.53E-08	7.35E-09	4.77E-04	1.51E-07	4.38E-08	3.72E-05	1.17E-08	3.42E-09
3940 471363.09, 3853877.25	2.21E-04	6.98E-08	2.03E-08	3.04E-05	9.59E-09	2.79E-09	2.26E-04	7.14E-08	2.08E-08	3.51E-05	1.11E-08	3.22E-09	2.13E-04	6.73E-08	1.96E-08	1.61E-05	5.08E-09	1.48E-09
3941 471863.09, 3853877.25	2.38E-04	7.52E-08	2.19E-08	3.40E-05	1.07E-08	3.12E-09	2.44E-04	7.71E-08	2.24E-08	3.93E-05	1.24E-08	3.61E-09	2.29E-04	7.23E-08	2.10E-08	1.80E-05	5.68E-09	1.65E-09
3942 472363.09, 3853877.25	2.48E-04	7.81E-08	2.27E-08	3.65E-05	1.15E-08	3.35E-09	2.54E-04	8.01E-08	2.33E-08	4.21E-05	1.33E-08	3.87E-09	2.37E-04	7.49E-08	2.18E-08	1.93E-05	6.08E-09	1.77E-09
3943 472863.09, 3853877.25	2.59E-04	8.18E-08	2.38E-08	3.95E-05	1.25E-08	3.62E-09	2.66E-04	8.40E-08	2.44E-08	4.56E-05	1.44E-08	4.19E-09	2.48E-04	7.82E-08	2.27E-08	2.08E-05	6.58E-09	1.91E-09
3944 473363.09, 3853877.25	2.66E-04	8.39E-08	2.44E-08	4.17E-05	1.32E-08	3.83E-09	2.73E-04	8.61E-08	2.50E-08	4.82E-05	1.52E-08	4.42E-09	2.53E-04	7.99E-08	2.32E-08	2.20E-05	6.94E-09	2.02E-09
3945 473863.09, 3853877.25	2.74E-04	8.63E-08	2.51E-08	4.40E-05	1.39E-08	4.04E-09	2.81E-04	8.87E-08	2.58E-08	5.08E-05	1.60E-08	4.67E-09	2.60E-04	8.21E-08	2.39E-08	2.32E-05	7.32E-09	2.13E-09
3946 474363.09, 3853877.25	2.85E-04	9.01E-08	2.62E-08	4.68E-05	1.48E-08	4.30E-09	2.93E-04	9.26E-08	2.69E-08	5.41E-05	1.71E-08	4.97E-09	2.71E-04	8.55E-08	2.49E-08	2.47E-05	7.79E-09	2.27E-09
3947 474863.09, 3853877.25	2.94E-04	9.29E-08	2.70E-08	4.91E-05	1.55E-08	4.51E-09	3.03E-04	9.55E-08	2.78E-08	5.68E-05	1.79E-08	5.21E-09	2.79E-04	8.80E-08	2.56E-08	2.59E-05	8.17E-09	2.38E-09
3948 475363.09, 3853877.25	2.88E-04	9.08E-08	2.64E-08	4.84E-05	1.53E-08	4.44E-09	2.96E-04	9.34E-08	2.72E-08	5.59E-05	1.76E-08	5.13E-09	2.72E-04	8.59E-08	2.50E-08	2.55E-05	8.05E-09	2.34E-09
3949 475863.09, 3853877.25	2.62E-04	8.27E-08	2.41E-08	4.23E-05	1.33E-08	3.88E-09	2.69E-04	8.50E-08	2.47E-08	4.88E-05	1.54E-08	4.48E-09	2.49E-04	7.86E-08	2.29E-08	2.23E-05	7.04E-09	2.05E-09
3950 476363.09, 3853877.25	2.38E-04	7.52E-08	2.19E-08	3.61E-05	1.14E-08	3.31E-09	2.44E-04	7.72E-08	2.24E-08	4.16E-05	1.31E-08	3.82E-09	2.28E-04	7.19E-08	2.09E-08	1.91E-05	6.03E-09	1.75E-09
3951 476863.09, 3853877.25	2.12E-04	6.68E-08	1.94E-08	2.93E-05	9.24E-09	2.69E-09	2.16E-04	6.83E-08	1.99E-08	3.38E-05	1.07E-08	3.10E-09	2.04E-04	6.43E-08	1.87E-08	1.56E-05	4.91E-09	1.43E-09
3952 477363.09, 3853877.25	2.23E-04	7.03E-08	2.04E-08	3.23E-05	1.02E-08	2.96E-09	2.28E-04	7.20E-08	2.09E-08	3.73E-05	1.18E-08	3.42E-09	2.14E-04	6.74E-08	1.96E-08	1.71E-05	5.41E-09	1.57E-09
3953 477863.09, 3853877.25	2.43E-04	7.67E-08	2.23E-08	3.72E-05	1.17E-08	3.41E-09	2.49E-04	7.87E-08	2.29E-08	4.30E-05	1.36E-08	3.94E-09	2.32E-04	7.32E-08	2.13E-08	1.97E-05	6.21E-09	1.81E-09
3954 478363.09, 3853877.25	2.54E-04	8.03E-08	2.34E-08	3.96E-05	1.25E-08	3.64E-09	2.61E-04	8.24E-08	2.40E-08	4.58E-05	1.44E-08	4.20E-09	2.42E-04	7.65E-08	2.23E-08	2.09E-05	6.61E-09	1.92E-09
3955 478863.09, 3853877.25	2.12E-04	6.68E-08	1.94E-08	2.90E-05	9.14E-09	2.66E-09	2.16E-04	6.83E-08	1.99E-08	3.34E-05	1.06E-08	3.07E-09	2.04E-04	6.44E-08	1.87E-08	1.54E-05	4.86E-09	1.41E-09
3956 479363.09, 3853877.25	2.54E-04	8.00E-08	2.33E-08	3.86E-05	1.22E-08	3.54E-09	2.60E-04	8.21E-08	2.39E-08	4.46E-05	1.41E-08	4.09E-09	2.42E-04	7.65E-08	2.23E-08	2.04E-05	6.43E-09	1.87E-09

3957	479863.09, 3853877.25	3.70E-04	1.17E-07	3.40E-08	6.93E-05	2.19E-08	6.36E-09	3.82E-04	1.21E-07	3.51E-08	8.01E-05	2.53E-08	7.35E-09	3.47E-04	1.09E-07	3.18E-08	3.64E-05	1.15E-08	3.34E-09
3958	480363.09, 3853877.25	4.76E-04	1.50E-07	4.37E-08	9.93E-05	3.14E-08	9.12E-09	4.93E-04	1.56E-07	4.52E-08	1.15E-04	3.63E-08	1.06E-08	4.40E-04	1.39E-07	4.04E-08	5.20E-05	1.64E-08	4.77E-09
3959	480863.09, 3853877.25	6.81E-04	2.15E-07	6.25E-08	1.41E-04	4.44E-08	1.29E-08	7.05E-04	2.23E-07	6.48E-08	1.63E-04	5.14E-08	1.50E-08	6.31E-04	1.99E-07	5.79E-08	7.36E-05	2.32E-08	6.75E-09
3960	481363.09, 3853877.25	9.03E-04	2.85E-07	8.29E-08	1.67E-04	5.28E-08	1.54E-08	9.32E-04	2.94E-07	8.56E-08	1.94E-04	6.11E-08	1.78E-08	8.49E-04	2.68E-07	7.79E-08	8.74E-05	2.76E-08	8.02E-09
3961	481863.09, 3853877.25	1.37E-03	4.33E-07	1.26E-07	1.91E-04	6.01E-08	1.75E-08	1.40E-03	4.43E-07	1.29E-07	2.21E-04	6.96E-08	2.03E-08	1.33E-03	4.19E-07	1.22E-07	9.95E-05	3.14E-08	9.13E-09
3962	482363.09, 3853877.25	1.35E-03	4.25E-07	1.24E-07	2.15E-04	6.79E-08	1.98E-08	1.38E-03	4.37E-07	1.27E-07	2.49E-04	7.86E-08	2.29E-08	1.29E-03	4.07E-07	1.18E-07	1.12E-04	3.54E-08	1.03E-08
3963	482863.09, 3853877.25	1.22E-03	3.86E-07	1.12E-07	2.30E-04	7.25E-08	2.11E-08	1.26E-03	3.98E-07	1.16E-07	2.66E-04	8.40E-08	2.44E-08	1.15E-03	3.62E-07	1.05E-07	1.20E-04	3.79E-08	1.10E-08
3964	483363.09, 3853877.25	1.10E-03	3.48E-07	1.01E-07	3.08E-04	9.72E-08	2.83E-08	1.15E-03	3.64E-07	1.06E-07	3.56E-04	1.13E-07	3.27E-08	9.72E-04	3.07E-07	8.92E-08	1.61E-04	5.07E-08	1.47E-08
3965	483863.09, 3853877.25	1.05E-03	3.33E-07	9.68E-08	3.39E-04	1.07E-07	3.11E-08	1.11E-03	3.51E-07	1.02E-07	3.93E-04	1.24E-07	3.60E-08	9.02E-04	2.85E-07	8.28E-08	1.77E-04	5.58E-08	1.62E-08
3966	484363.09, 3853877.25	8.20E-04	2.59E-07	7.53E-08	2.54E-04	8.03E-08	2.34E-08	8.64E-04	2.73E-07	7.93E-08	2.95E-04	9.29E-08	2.70E-08	7.07E-04	2.23E-07	6.49E-08	1.33E-04	4.19E-08	1.22E-08
3967	484863.09, 3853877.25	6.38E-04	2.01E-07	5.86E-08	1.62E-04	5.11E-08	1.49E-08	6.66E-04	2.10E-07	6.11E-08	1.87E-04	5.91E-08	1.72E-08	5.71E-04	1.80E-07	5.24E-08	8.49E-05	2.68E-08	7.80E-09
3968	485363.09, 3853877.25	4.91E-04	1.55E-07	4.51E-08	8.60E-05	2.72E-08	7.90E-09	5.05E-04	1.59E-07	4.64E-08	9.94E-05	3.14E-08	9.13E-09	4.62E-04	1.46E-07	4.24E-08	4.55E-05	1.44E-08	4.18E-09
3969	485863.09, 3853877.25	5.76E-04	1.82E-07	5.28E-08	9.69E-05	3.06E-08	8.90E-09	5.92E-04	1.87E-07	5.43E-08	1.12E-04	3.53E-08	1.03E-08	5.44E-04	1.72E-07	5.00E-08	5.12E-05	1.62E-08	4.70E-09
3970	486363.09, 3853877.25	6.00E-04	1.89E-07	5.51E-08	9.93E-05	3.13E-08	9.11E-09	6.17E-04	1.95E-07	5.66E-08	1.15E-04	3.62E-08	1.05E-08	5.69E-04	1.79E-07	5.22E-08	5.24E-05	1.66E-08	4.81E-09
3971	486863.09, 3853877.25	6.40E-04	2.02E-07	5.88E-08	1.10E-04	3.48E-08	1.01E-08	6.59E-04	2.08E-07	6.05E-08	1.27E-04	4.02E-08	1.17E-08	6.04E-04	1.91E-07	5.54E-08	5.82E-05	1.84E-08	5.34E-09
3972	487363.09, 3853877.25	7.15E-04	2.26E-07	6.57E-08	1.40E-04	4.41E-08	1.28E-08	7.39E-04	2.33E-07	6.79E-08	1.62E-04	5.10E-08	1.48E-08	6.65E-04	2.10E-07	6.10E-08	7.36E-05	2.32E-08	6.76E-09
3973	487863.09, 3853877.25	8.17E-04	2.58E-07	7.50E-08	1.88E-04	5.95E-08	1.73E-08	8.49E-04	2.68E-07	7.79E-08	2.18E-04	6.88E-08	2.00E-08	7.43E-04	2.34E-07	6.82E-08	9.88E-05	3.12E-08	9.07E-09
3974	488363.09, 3853877.25	8.96E-04	2.83E-07	8.22E-08	2.23E-04	7.02E-08	2.04E-08	9.34E-04	2.95E-07	8.57E-08	2.57E-04	8.13E-08	2.36E-08	8.05E-04	2.54E-07	7.39E-08	1.17E-04	3.68E-08	1.07E-08
3975	488863.09, 3853877.25	1.00E-03	3.17E-07	9.21E-08	2.65E-04	8.35E-08	2.43E-08	1.05E-03	3.31E-07	9.62E-08	3.06E-04	9.66E-08	2.81E-08	8.92E-04	2.82E-07	8.19E-08	1.38E-04	4.37E-08	1.27E-08
3976	489363.09, 3853877.25	1.01E-03	3.18E-07	9.25E-08	2.67E-04	8.44E-08	2.46E-08	1.05E-03	3.33E-07	9.67E-08	3.10E-04	9.77E-08	2.84E-08	8.95E-04	2.83E-07	8.22E-08	1.40E-04	4.42E-08	1.29E-08
3977	489863.09, 3853877.25	1.07E-03	3.39E-07	9.86E-08	2.87E-04	9.07E-08	2.64E-08	1.12E-03	3.54E-07	1.03E-07	3.33E-04	1.05E-07	3.05E-08	9.52E-04	3.01E-07	8.74E-08	1.50E-04	4.75E-08	1.38E-08
3978	490363.09, 3853877.25	1.09E-03	3.44E-07	1.00E-07	2.93E-04	9.24E-08	2.69E-08	1.14E-03	3.60E-07	1.05E-07	3.39E-04	1.07E-07	3.11E-08	9.67E-04	3.05E-07	8.88E-08	1.53E-04	4.84E-08	1.41E-08
3979	490863.09, 3853877.25	1.10E-03	3.49E-07	1.01E-07	3.02E-04	9.55E-08	2.78E-08	1.16E-03	3.65E-07	1.06E-07	3.50E-04	1.10E-07	3.21E-08	9.76E-04	3.08E-07	8.96E-08	1.58E-04	4.99E-08	1.45E-08
3980	491363.09, 3853877.25	1.14E-03	3.61E-07	1.05E-07	3.12E-04	9.84E-08	2.86E-08	1.20E-03	3.78E-07	1.10E-07	3.61E-04	1.14E-07	3.31E-08	1.01E-03	3.19E-07	9.28E-08	1.63E-04	5.15E-08	1.50E-08
3981	491863.09, 3853877.25	1.19E-03	3.76E-07	1.09E-07	3.17E-04	1.00E-07	2.91E-08	1.24E-03	3.93E-07	1.14E-07	3.67E-04	1.16E-07	3.37E-08	1.06E-03	3.33E-07	9.69E-08	1.66E-04	5.24E-08	1.52E-08
3982	492363.09, 3853877.25	1.26E-03	3.98E-07	1.16E-07	3.29E-04	1.04E-07	3.02E-08	1.32E-03	4.16E-07	1.21E-07	3.81E-04	1.20E-07	3.50E-08	1.12E-03	3.54E-07	1.03E-07	1.72E-04	5.44E-08	1.58E-08
3983	492863.09, 3853877.25	1.29E-03	4.07E-07	1.18E-07	3.31E-04	1.04E-07	3.03E-08	1.35E-03	4.25E-07	1.24E-07	3.82E-04	1.21E-07	3.51E-08	1.15E-03	3.63E-07	1.06E-07	1.73E-04	5.46E-08	1.59E-08
3984	493363.09, 3853877.25	1.26E-03	3.99E-07	1.16E-07	3.20E-04	1.01E-07	2.93E-08	1.32E-03	4.16E-07	1.21E-07	3.70E-04	1.17E-07	3.39E-08	1.13E-03	3.57E-07	1.04E-07	1.67E-04	5.28E-08	1.54E-08
3985	493863.09, 3853877.25	1.23E-03	3.88E-07	1.13E-07	3.04E-04	9.58E-08	2.79E-08	1.28E-03	4.04E-07	1.18E-07	3.51E-04	1.11E-07	3.22E-08	1.10E-03	3.49E-07	1.01E-07	1.59E-04	5.02E-08	1.46E-08
3986	494363.09, 3853877.25	1.22E-03	3.86E-07	1.12E-07	2.90E-04	9.15E-08	2.66E-08	1.27E-03	4.01E-07	1.17E-07	3.35E-04	1.06E-07	3.08E-08	1.10E-03	3.48E-07	1.01E-07	1.52E-04	4.80E-08	1.40E-08
3987	494863.09, 3853877.25	1.18E-03	3.73E-07	1.09E-07	2.70E-04	8.52E-08	2.48E-08	1.23E-03	3.88E-07	1.13E-07	3.12E-04	9.85E-08	2.87E-08	1.07E-03	3.39E-07	9.87E-08	1.42E-04	4.47E-08	1.30E-08
3988	495363.09, 3853877.25	1.06E-03	3.36E-07	9.76E-08	2.32E-04	7.32E-08	2.13E-08	1.10E-03	3.48E-07	1.01E-07	2.68E-04	8.46E-08	2.46E-08	9.73E-04	3.07E-07	8.93E-08	1.22E-04	3.85E-08	1.12E-08
3989	495863.09, 3853877.25	9.82E-04	3.10E-07	9.01E-08	2.03E-04	6.40E-08	1.86E-08	1.02E-03	3.21E-07	9.33E-08	2.34E-04	7.40E-08	2.15E-08	9.04E-04	2.85E-07	8.30E-08	1.07E-04	3.37E-08	9.80E-09
3990	496363.09, 3853877.25	9.40E-04	2.97E-07	8.63E-08	1.84E-04	5.82E-08	1.69E-08	9.71E-04	3.06E-07	8.91E-08	2.13E-04	6.73E-08	1.96E-08	8.71E-04	2.75E-07	7.99E-08	9.72E-05	3.07E-08	8.93E-09
3991	496863.09, 3853877.25	8.55E-04	2.70E-07	7.85E-08	1.56E-04	4.92E-08	1.43E-08	8.82E-04	2.78E-07	8.09E-08	1.80E-04	5.68E-08	1.65E-08	7.99E-04	2.52E-07	7.34E-08	8.24E-05	2.60E-08	7.56E-09
3992	497363.09, 3853877.25	7.87E-04	2.48E-07	7.22E-08	1.33E-04	4.20E-08	1.22E-08	8.09E-04	2.55E-07	7.43E-08	1.54E-04	4.85E-08	1.41E-08	7.40E-04	2.34E-07	6.80E-08	7.06E-05	2.23E-08	6.48E-09
3993	497863.09, 3853877.25	6.91E-04	2.18E-07	6.35E-08	1.06E-04	3.33E-08	9.69E-09	7.09E-04	2.24E-07	6.51E-08	1.22E-04	3.84E-08	1.12E-08	6.57E-04	2.07E-07	6.03E-08	5.62E-05	1.78E-08	5.16E-09
3994	498363.09, 3853877.25	6.33E-04	2.00E-07	5.81E-08	9.01E-05	2.84E-08	8.27E-09	6.48E-04	2.04E-07	5.95E-08	1.04E-04	3.28E-08	9.53E-09	6.05E-04	1.91E-07	5.55E-08	4.82E-05	1.52E-08	4.42E-09
3995	471363.09, 3854377.25	2.25E-04	7.10E-08	2.07E-08	2.97E-05	9.38E-09	2.73E-09	2.30E-04	7.26E-08	2.11E-08	3.43E-05	1.08E-08	3.15E-09	2.18E-04	6.87E-08	2.00E-08	1.57E-05	4.97E-09	1.44E-09
3996	471863.09, 3854377.25	2.44E-04	7.69E-08	2.24E-08	3.25E-05	1.03E-08	2.98E-09	2.49E-04	7.87E-08	2.29E-08	3.75E-05	1.18E-08	3.45E-09	2.36E-04	7.44E-08	2.16E-08	1.72E-05	5.43E-09	1.58E-09
3997	472363.09, 3854377.25	2.58E-04	8.13E-08	2.36E-08	3.49E-05	1.10E-08	3.21E-09	2.63E-04	8.32E-08	2.42E-08	4.03E-05	1.27E-08	3.70E-09	2.49E-04	7.85E-08	2.28E-08	1.85E-05	5.83E-09	1.70E-09
3998	472863.09, 3854377.25	2.68E-04	8.45E-08	2.46E-08	3.71E-05	1.17E-08	3.41E-09	2.74E-04	8.65E-08	2.52E-08	4.29E-05	1.35E-08	3.94E-09	2.58E-04	8.14E-08	2.37E-08	1.96E-05	6.20E-09	1.80E-09
3999	473363.09, 3854377.25	2.81E-04	8.88E-08	2.58E-08	4.01E-05	1.27E-08	3.68E-09	2.88E-04	9.09E-08	2.64E-08	4.64E-05	1.46E-08	4.26E-09	2.70E-04	8.53E-08	2.48E-08	2.12E-05	6.69E-09	1.95E-09
4000	473863.09, 3854377.25	2.97E-04	9.38E-08	2.73E-08	4.38E-05	1.38E-08	4.02E-09	3.05E-04	9.62E-08	2.80E-08	5.07E-05	1.60E-08	4.65E-09	2.85E-04	8.99E-08	2.62E-08	2.32E-05	7.31E-09	2.13E-09
4001	474363.09, 3854377.25	3.11E-04	9.81E-08	2.85E-08	4.77E-05	1.51E-08	4.38E-09	3.19E-04	1.01E-07	2.93E-08	5.51E-05	1.74E-08	5.06E-09	2.97E-04	9.37E-08	2.73E-08	2.52E-05	7.94E-09	2.31E-09
4002	474863.09, 3854377.25	3.01E-04	9.49E-08	2.76E-08	4.77E-05	1.51E-08	4.38E-09	3.09E-04	9.74E-08	2.83E-08	5.51E-05	1.74E-08	5.06E-09	2.86E-04	9.03E-08	2.63E-08	2.52E-05	7.94E-09	2.31E-09
4003	475363.09, 3854377.25	2.75E-04	8.67E-08	2.52E-08	4.31E-05	1.36E-08	3.96E-09	2.82E-04	8.90E-08	2.59E-08	4.98E-05	1.57E-08	4.57E-09	2.62E-04	8.25E-08	2.40E-08	2.28E-05	7.19E-09	2.09E-09
4004	475863.09, 3854377.25	2.24E-04	7.08E-08	2.06E-08	3.07E-05	9.69E-09	2.82E-09	2.30E-04	7.24E-08	2.11E-08	3.54E-05	1.12E-08	3.25E-09	2.16E-04	6.82E-08	1.98E-08	1.63E-05	5.15E-09	1.50E-09
4005	476363.09, 3854377.25	2.16E-04	6.83E-08	1.99E-08	2.80E-05	8.82E-09	2.57E-09	2.21E-04	6.98E-08	2.03E-08	3.23E-05	1.02E-08	2.96E-09	2.09E-04	6.61E-08	1.92E-08	1.49E-05	4.70E-09	1.37E-09
4006	476863.09, 3854377.25	2.17E-04	6.84E-08	1.99E-08	2.73E-05	8.62E-09	2.51E-09	2.21E-04	6.98E-08	2.03E-08	3.15E-05	9.94E-09	2.89E-09	2.10E-04	6.63E-08	1.93E-08	1.46E-05	4.60E-09	1.34E-09
4007	477363.09, 3854377.25	2.19E-04	6.92E-08	2.01E-08	2.74E-05	8.65E-09	2.52E-09	2.24E-04	7.07E-08	2.06E-08	3.16E-05	9.98E-09	2.90E-09	2.13E-04	6.71E-08	1.95E-08	1.46E-05	4.62E-09	1.34E-09
4008	477863.09, 3854377.25	2.24E-04	7.07E-08	2.06E-08	2.83E-05	8.93E-09	2.60E-09	2.29E-04	7.22E-08	2.10E-08	3.26E-05	1.03E-08	3.00E-09	2.17E-04	6.86E-08	1.99E-08	1.51E-05	4.76E-09	1.39E-09
4009	478363.09, 3854377.25	2.46E-04	7.76E-08	2.26E-08	3.35E-05	1.06E-08	3.07E-09	2.52E-04	7.94E-08	2.31E-08	3.86E-05	1.22E-08	3.55E-09	2.37E-04	7.48E-08	2.18E-08	1.78E-05	5.61E-09	1.63E-09
4010	478863.09, 3854377.25	2.63E-04	8.29E-08	2.41E-08	3.70E-05	1.17E-08	3.40E-09	2.69E-04	8.48E-08	2.47E-08	4.28E-05	1.35E-08	3.93E-09	2.52E-04	7.97E-08	2.32E-08	1.97E-05	6.20E-09	1.80E-09
4011	479363.09, 3854377.25	3.45E-04	1.09E-07	3.17E-08	5.76E-05	1.82E-08	5.29E-09	3.55E-04	1.12E-07	3.26E-08	6.66E-05	2.10E-08	6.11E-09	3.27E-04	1.03E-07	3.00E-08	3.04E-05	9.58E-09	2.79E-09
4012	479863.09, 3854377.25	4.14E-04	1.31E-07	3.80E-08	7.64E-05	2.41E-08	7.01E-09	4.27E-04	1.35E-07	3.92E-08	8.83E-05	2.79E-08	8.11E-09	3.88E-04	1.23E-07	3.57E-08	4.01E-05	1.27E-08	3.68E-09
4013	480363.09, 3854377.25	5.24E-04	1.65E-07	4.81E-08	1.07E-04	3.36E-08	9.78E-09	5.42E-04	1.71E-07	4.97E-08	1.23E-04	3.89E-08	1.13E-08	4.85E-04	1.53E-07	4.45E-08	5.58E-05	1.76E-08	5.12E-09
4014	480863.09, 3854377.25	7.14E-04	2.25E-07	6.55E-08	1.57E-04	4.97E-08	1.45E-08	7.41E-04	2.34E-07	6.80E-08	1.82E-04	5.75E-08	1.67E-08	6.55E-04	2.07E-07	6.01E-08	8.23E-05	2.60E-08	7.55E-09
4015	481363.09, 3854377.25	9.48E-04	2.99E-07	8.70E-08	2.00E-04	6.33E-08	1.84E-08	9.82E-04	3.10E-07	9.02E-08	2.32E-04	7.32E-08	2.13E-08	8.75E-04	2.76E-07	8.04E-08	1.05E-04	3.30E-08	9.61E-09
4016	481863.09, 3854377.25	1.75E-03	5.51E-07	1.60E-07	2.28E-04	7.20E-08	2.09E-08	1.79E-03	5.63E-07	1.64E-07	2.64E-04	8.33E-08	2.42E-08	1.70E-03	5.37E-07	1.56E-07	1.19E-04	3.76E-08	1.09E-08
4017	482363.09, 3854377.25	2.01E-03	6.34E-07	1.84E-07	2.64E-04	8.32E-08	2.42E-08	2.05E-03	6.48E-07	1.89E-07	3.05E-04	9.63E-08	2.80E-08	1.96E-03	6.17E-07	1.80E-07	1.38E-04	4.34E-08	1.26E-08
4018	482863.09, 3854377.25	1.77E-03	5.59E-07	1.63E-07	3.29E-04	1.04E-07	3.02E-08	1.83E-03	5.77E-07	1.68E-07	3.81E-04	1.20E-07	3.49E-08	1.67E-03	5.26E-07	1.53E-07	1.72E-04	5.42E-08	1.58E-08
4019	483363.09, 3854377.25	1.54E-03	4.85E-07	1.41E-07	3.99E-04	1.26E-07	3.66E-08	1.61E-03	5.07E-07	1.47E-07	4.62E-04	1.46E-07	4.24E-08	1.38E-03	4.34E-07	1.26E-07	2.08E-04	6.57E-08	1.91E-08
4020	483863.09, 3854377.25	1.40E-03	4.40E-07	1.28E-07	4.80E-04	1.51E-07	4.40E-08	1.48E-03	4.66E-07	1.36E-07	5.55E-04	1.75E-07	5.10E-08	1.17E-03	3.70E-07	1.08E-07	2.50E-04	7.90E-08	2.30E-08
4021	484363.09, 3854377.25	1.14E-03	3.59E-07	1.04E-07	3.40E-04	1.07E-07	3.12E-08	1.20E-03	3.78E-07	1.10E-07	3.93E-04	1.24E-07	3.61E-08	9.88E-04	3.12E-07	9.07E-08	1.78E-04	5.61E-08	1.63E-08
4022	484863.09, 3854377.25	8.99E-04	2.84E-07	8.26E-08	1.80E-04	5.69E-08	1.65E-08	9.30E-04	2.94E-07	8.54E-08	2.08E-04	6.58E-08	1.91E-08	8.34E-04	2.63E-07	7.66E-08	9.49E-05	2.99E-08	8.71E-09

4023 485363.09, 3854377.25	1.07E-03	3.37E-07	9.81E-08	2.14E-04	6.77E-08	1.97E-08	1.10E-03	3.49E-07	1.01E-07	2.48E-04	7.83E-08	2.28E-08	9.92E-04	3.13E-07	9.10E-08	1.13E-04	3.55E-08	1.03E-08
4024 485863.09, 3854377.25	1.00E-03	3.16E-07	9.19E-08	1.88E-04	5.94E-08	1.73E-08	1.03E-03	3.26E-07	9.48E-08	2.18E-04	6.87E-08	2.00E-08	9.36E-04	2.95E-07	8.59E-08	9.90E-05	3.12E-08	9.09E-09
4025 486363.09, 3854377.25	1.14E-03	3.59E-07	1.04E-07	2.59E-04	8.17E-08	2.38E-08	1.18E-03	3.73E-07	1.08E-07	2.99E-04	9.45E-08	2.75E-08	1.04E-03	3.27E-07	9.52E-08	1.36E-04	4.28E-08	1.25E-08
4026 486863.09, 3854377.25	1.20E-03	3.78E-07	1.10E-07	2.97E-04	9.37E-08	2.73E-08	1.25E-03	3.94E-07	1.15E-07	3.43E-04	1.08E-07	3.15E-08	1.08E-03	3.40E-07	9.88E-08	1.56E-04	4.91E-08	1.43E-08
4027 487363.09, 3854377.25	1.34E-03	4.22E-07	1.23E-07	3.62E-04	1.14E-07	3.32E-08	1.40E-03	4.42E-07	1.29E-07	4.19E-04	1.32E-07	3.84E-08	1.18E-03	3.74E-07	1.09E-07	1.89E-04	5.98E-08	1.74E-08
4028 487863.09, 3854377.25	1.47E-03	4.63E-07	1.35E-07	4.39E-04	1.39E-07	4.03E-08	1.54E-03	4.87E-07	1.42E-07	5.08E-04	1.60E-07	4.66E-08	1.27E-03	4.02E-07	1.17E-07	2.29E-04	7.23E-08	2.10E-08
4029 488363.09, 3854377.25	1.57E-03	4.96E-07	1.44E-07	4.88E-04	1.54E-07	4.48E-08	1.65E-03	5.22E-07	1.52E-07	5.65E-04	1.78E-07	5.19E-08	1.35E-03	4.27E-07	1.24E-07	2.55E-04	8.04E-08	2.34E-08
4030 488863.09, 3854377.25	1.65E-03	5.21E-07	1.52E-07	5.21E-04	1.65E-07	4.79E-08	1.74E-03	5.49E-07	1.60E-07	6.03E-04	1.90E-07	5.54E-08	1.42E-03	4.47E-07	1.30E-07	2.72E-04	8.59E-08	2.50E-08
4031 489363.09, 3854377.25	1.70E-03	5.37E-07	1.56E-07	5.33E-04	1.68E-07	4.89E-08	1.79E-03	5.66E-07	1.65E-07	6.17E-04	1.95E-07	5.66E-08	1.46E-03	4.62E-07	1.34E-07	2.78E-04	8.78E-08	2.55E-08
4032 489863.09, 3854377.25	1.73E-03	5.45E-07	1.58E-07	5.28E-04	1.67E-07	4.85E-08	1.82E-03	5.73E-07	1.67E-07	6.12E-04	1.93E-07	5.62E-08	1.49E-03	4.70E-07	1.37E-07	2.76E-04	8.71E-08	2.53E-08
4033 490363.09, 3854377.25	1.68E-03	5.30E-07	1.54E-07	5.13E-04	1.62E-07	4.71E-08	1.77E-03	5.57E-07	1.62E-07	5.94E-04	1.87E-07	5.45E-08	1.45E-03	4.58E-07	1.33E-07	2.68E-04	8.45E-08	2.46E-08
4034 490863.09, 3854377.25	1.44E-03	4.55E-07	1.32E-07	4.26E-04	1.34E-07	3.91E-08	1.52E-03	4.78E-07	1.39E-07	4.93E-04	1.55E-07	4.52E-08	1.26E-03	3.96E-07	1.15E-07	2.22E-04	7.02E-08	2.04E-08
4035 491363.09, 3854377.25	1.60E-03	5.04E-07	1.47E-07	4.62E-04	1.46E-07	4.24E-08	1.68E-03	5.29E-07	1.54E-07	5.34E-04	1.69E-07	4.90E-08	1.39E-03	4.40E-07	1.28E-07	2.41E-04	7.61E-08	2.21E-08
4036 491863.09, 3854377.25	1.71E-03	5.39E-07	1.57E-07	4.79E-04	1.51E-07	4.39E-08	1.79E-03	5.65E-07	1.64E-07	5.54E-04	1.75E-07	5.09E-08	1.50E-03	4.73E-07	1.38E-07	2.50E-04	7.90E-08	2.30E-08
4037 492363.09, 3854377.25	1.73E-03	5.47E-07	1.59E-07	4.72E-04	1.49E-07	4.34E-08	1.81E-03	5.73E-07	1.67E-07	5.47E-04	1.73E-07	5.02E-08	1.53E-03	4.83E-07	1.41E-07	2.47E-04	7.80E-08	2.27E-08
4038 492863.09, 3854377.25	1.69E-03	5.33E-07	1.55E-07	4.49E-04	1.42E-07	4.13E-08	1.76E-03	5.57E-07	1.62E-07	5.20E-04	1.64E-07	4.77E-08	1.50E-03	4.73E-07	1.37E-07	2.35E-04	7.42E-08	2.16E-08
4039 493363.09, 3854377.25	1.63E-03	5.16E-07	1.50E-07	4.19E-04	1.32E-07	3.84E-08	1.71E-03	5.38E-07	1.57E-07	4.84E-04	1.53E-07	4.45E-08	1.46E-03	4.61E-07	1.34E-07	2.19E-04	6.92E-08	2.01E-08
4040 493863.09, 3854377.25	1.59E-03	5.01E-07	1.46E-07	3.88E-04	1.22E-07	3.56E-08	1.65E-03	5.22E-07	1.52E-07	4.49E-04	1.42E-07	4.12E-08	1.43E-03	4.51E-07	1.31E-07	2.03E-04	6.42E-08	1.87E-08
4041 494363.09, 3854377.25	1.53E-03	4.83E-07	1.40E-07	3.59E-04	1.13E-07	3.30E-08	1.59E-03	5.02E-07	1.46E-07	4.15E-04	1.31E-07	3.81E-08	1.38E-03	4.37E-07	1.27E-07	1.88E-04	5.94E-08	1.73E-08
4042 494863.09, 3854377.25	1.31E-03	4.12E-07	1.20E-07	2.91E-04	9.18E-08	2.67E-08	1.35E-03	4.28E-07	1.24E-07	3.36E-04	1.06E-07	3.09E-08	1.19E-03	3.75E-07	1.09E-07	1.53E-04	4.82E-08	1.40E-08
4043 495363.09, 3854377.25	1.11E-03	3.50E-07	1.02E-07	2.28E-04	7.20E-08	2.09E-08	1.15E-03	3.62E-07	1.05E-07	2.64E-04	8.33E-08	2.42E-08	1.02E-03	3.22E-07	9.38E-08	1.20E-04	3.79E-08	1.10E-08
4044 495863.09, 3854377.25	1.00E-03	3.16E-07	9.19E-08	1.90E-04	6.01E-08	1.75E-08	1.03E-03	3.26E-07	9.49E-08	2.20E-04	6.94E-08	2.02E-08	9.31E-04	2.94E-07	8.55E-08	1.01E-04	3.17E-08	9.23E-09
4045 496363.09, 3854377.25	9.57E-04	3.02E-07	8.79E-08	1.71E-04	5.41E-08	1.57E-08	9.86E-04	3.11E-07	9.05E-08	1.98E-04	6.25E-08	1.82E-08	8.96E-04	2.83E-07	8.22E-08	9.07E-05	2.86E-08	8.33E-09
4046 496863.09, 3854377.25	8.89E-04	2.81E-07	8.17E-08	1.49E-04	4.69E-08	1.37E-08	9.14E-04	2.89E-07	8.40E-08	1.72E-04	5.42E-08	1.58E-08	8.38E-04	2.65E-07	7.70E-08	7.89E-05	2.49E-08	7.24E-09
4047 497363.09, 3854377.25	7.79E-04	2.46E-07	7.16E-08	1.17E-04	3.71E-08	1.08E-08	7.99E-04	2.52E-07	7.34E-08	1.35E-04	4.27E-08	1.24E-08	7.41E-04	2.34E-07	6.81E-08	6.26E-05	1.98E-08	5.75E-09
4048 497863.09, 3854377.25	7.99E-04	2.52E-07	7.33E-08	1.19E-04	3.75E-08	1.09E-08	8.19E-04	2.58E-07	7.52E-08	1.37E-04	4.32E-08	1.26E-08	7.61E-04	2.40E-07	6.99E-08	6.33E-05	2.00E-08	5.81E-09
4049 498363.09, 3854377.25	7.35E-04	2.32E-07	6.74E-08	1.02E-04	3.22E-08	9.37E-09	7.52E-04	2.37E-07	6.90E-08	1.18E-04	3.71E-08	1.08E-08	7.04E-04	2.22E-07	6.46E-08	5.46E-05	1.72E-08	5.01E-09
4050 471363.09, 3854877.25	2.29E-04	7.24E-08	2.11E-08	3.12E-05	9.83E-09	2.86E-09	2.35E-04	7.41E-08	2.16E-08	3.60E-05	1.14E-08	3.30E-09	2.22E-04	7.00E-08	2.03E-08	1.65E-05	5.20E-09	1.51E-09
4051 471863.09, 3854877.25	2.45E-04	7.72E-08	2.25E-08	3.35E-05	1.06E-08	3.07E-09	2.50E-04	7.90E-08	2.30E-08	3.87E-05	1.22E-08	3.55E-09	2.36E-04	7.46E-08	2.17E-08	1.77E-05	5.58E-09	1.62E-09
4052 472363.09, 3854877.25	2.58E-04	8.15E-08	2.37E-08	3.56E-05	1.12E-08	3.26E-09	2.64E-04	8.34E-08	2.43E-08	4.11E-05	1.30E-08	3.77E-09	2.49E-04	7.86E-08	2.29E-08	1.88E-05	5.93E-09	1.72E-09
4053 472863.09, 3854877.25	2.65E-04	8.36E-08	2.43E-08	3.68E-05	1.16E-08	3.38E-09	2.71E-04	8.56E-08	2.49E-08	4.25E-05	1.34E-08	3.90E-09	2.55E-04	8.06E-08	2.34E-08	1.94E-05	6.14E-09	1.78E-09
4054 473363.09, 3854877.25	2.87E-04	9.04E-08	2.63E-08	4.00E-05	1.26E-08	3.67E-09	2.93E-04	9.26E-08	2.69E-08	4.63E-05	1.46E-08	4.25E-09	2.76E-04	8.71E-08	2.53E-08	2.11E-05	6.67E-09	1.94E-09
4055 473863.09, 3854877.25	3.07E-04	9.68E-08	2.82E-08	4.33E-05	1.37E-08	3.97E-09	3.14E-04	9.91E-08	2.88E-08	5.00E-05	1.58E-08	4.59E-09	2.95E-04	9.32E-08	2.71E-08	2.28E-05	7.21E-09	2.10E-09
4056 474363.09, 3854877.25	3.34E-04	1.05E-07	3.07E-08	4.76E-05	1.50E-08	4.37E-09	3.42E-04	1.08E-07	3.14E-08	5.50E-05	1.74E-08	5.05E-09	3.21E-04	1.01E-07	2.95E-08	2.51E-05	7.93E-09	2.31E-09
4057 474863.09, 3854877.25	2.95E-04	9.33E-08	2.71E-08	4.30E-05	1.36E-08	3.95E-09	3.03E-04	9.56E-08	2.78E-08	4.97E-05	1.57E-08	4.56E-09	2.83E-04	8.94E-08	2.60E-08	2.27E-05	7.18E-09	2.09E-09
4058 475363.09, 3854877.25	2.54E-04	8.03E-08	2.33E-08	3.51E-05	1.11E-08	3.23E-09	2.60E-04	8.21E-08	2.39E-08	4.06E-05	1.28E-08	3.73E-09	2.45E-04	7.73E-08	2.25E-08	1.86E-05	5.89E-09	1.71E-09
4059 475863.09, 3854877.25	2.20E-04	6.96E-08	2.02E-08	2.72E-05	8.59E-09	2.50E-09	2.25E-04	7.10E-08	2.07E-08	3.14E-05	9.91E-09	2.88E-09	2.14E-04	6.76E-08	1.96E-08	1.45E-05	4.58E-09	1.33E-09
4060 476363.09, 3854877.25	1.82E-04	5.74E-08	1.67E-08	1.85E-05	5.83E-09	1.70E-09	1.85E-04	5.83E-08	1.70E-08	2.13E-05	6.72E-09	1.95E-09	1.79E-04	5.64E-08	1.64E-08	9.99E-06	3.15E-09	9.17E-10
4061 476863.09, 3854877.25	1.85E-04	5.83E-08	1.70E-08	1.87E-05	5.89E-09	1.71E-09	1.88E-04	5.93E-08	1.73E-08	2.15E-05	6.78E-09	1.97E-09	1.82E-04	5.73E-08	1.67E-08	1.01E-05	3.19E-09	9.26E-10
4062 477363.09, 3854877.25	2.08E-04	6.58E-08	1.91E-08	2.27E-05	7.15E-09	2.08E-09	2.12E-04	6.69E-08	1.95E-08	2.61E-05	8.24E-09	2.40E-09	2.04E-04	6.44E-08	1.87E-08	1.22E-05	3.85E-09	1.12E-09
4063 477863.09, 3854877.25	2.31E-04	7.29E-08	2.12E-08	2.66E-05	8.41E-09	2.45E-09	2.35E-04	7.43E-08	2.16E-08	3.07E-05	9.69E-09	2.82E-09	2.25E-04	7.11E-08	2.07E-08	1.43E-05	4.50E-09	1.31E-09
4064 478363.09, 3854877.25	2.76E-04	8.72E-08	2.54E-08	3.58E-05	1.13E-08	3.28E-09	2.82E-04	8.91E-08	2.59E-08	4.13E-05	1.30E-08	3.79E-09	2.67E-04	8.44E-08	2.46E-08	1.90E-05	6.01E-09	1.75E-09
4065 478863.09, 3854877.25	3.42E-04	1.08E-07	3.14E-08	5.06E-05	1.60E-08	4.65E-09	3.51E-04	1.11E-07	3.22E-08	5.85E-05	1.85E-08	5.37E-09	3.28E-04	1.03E-07	3.01E-08	2.68E-05	8.46E-09	2.46E-09
4066 479363.09, 3854877.25	4.35E-04	1.37E-07	3.99E-08	7.46E-05	2.36E-08	6.85E-09	4.48E-04	1.41E-07	4.11E-08	8.63E-05	2.72E-08	7.92E-09	4.11E-04	1.30E-07	3.77E-08	3.93E-05	1.24E-08	3.61E-09
4067 479863.09, 3854877.25	5.59E-04	1.77E-07	5.13E-08	1.08E-04	3.42E-08	9.95E-09	5.78E-04	1.82E-07	5.30E-08	1.25E-04	3.96E-08	1.15E-08	5.21E-04	1.64E-07	4.78E-08	5.69E-05	1.80E-08	5.22E-09
4068 480363.09, 3854877.25	6.97E-04	2.20E-07	6.40E-08	1.44E-04	4.54E-08	1.32E-08	7.22E-04	2.28E-07	6.63E-08	1.67E-04	5.26E-08	1.53E-08	6.45E-04	2.04E-07	5.92E-08	7.54E-05	2.38E-08	6.92E-09
4069 480863.09, 3854877.25	9.50E-04	3.00E-07	8.72E-08	1.99E-04	6.28E-08	1.83E-08	9.84E-04	3.11E-07	9.04E-08	2.30E-04	7.27E-08	2.11E-08	8.78E-04	2.77E-07	8.06E-08	1.04E-04	3.28E-08	9.55E-09
4070 481363.09, 3854877.25	1.18E-03	3.72E-07	1.08E-07	2.42E-04	7.63E-08	2.22E-08	1.22E-03	3.86E-07	1.12E-07	2.80E-04	8.83E-08	2.57E-08	1.09E-03	3.46E-07	1.00E-07	1.26E-04	3.98E-08	1.16E-08
4071 481863.09, 3854877.25	1.27E-03	3.99E-07	1.16E-07	2.68E-04	8.47E-08	2.46E-08	1.31E-03	4.14E-07	1.20E-07	3.11E-04	9.81E-08	2.85E-08	1.17E-03	3.69E-07	1.07E-07	1.40E-04	4.42E-08	1.29E-08
4072 482363.09, 3854877.25	3.40E-03	1.07E-06	3.12E-07	3.40E-04	1.07E-07	3.12E-08	3.45E-03	1.09E-06	3.17E-07	3.93E-04	1.24E-07	3.61E-08	3.37E-03	1.06E-06	3.10E-07	1.77E-04	5.60E-08	1.63E-08
4073 482863.09, 3854877.25	4.68E-03	1.48E-06	4.29E-07	4.38E-04	1.38E-07	4.02E-08	4.75E-03	1.50E-06	4.36E-07	5.07E-04	1.60E-07	4.65E-08	4.66E-03	1.47E-06	4.28E-07	2.30E-04	7.27E-08	2.11E-08
4074 483363.09, 3854877.25	4.81E-03	1.52E-06	4.42E-07	5.96E-04	1.88E-07	5.47E-08	4.91E-03	1.55E-06	4.51E-07	6.88E-04	2.17E-07	6.32E-08	4.69E-03	1.48E-06	4.30E-07	3.18E-04	1.00E-07	2.92E-08
4075 483863.09, 3854877.25	4.13E-03	1.30E-06	3.79E-07	8.79E-04	2.77E-07	8.07E-08	4.28E-03	1.35E-06	3.93E-07	1.02E-03	3.21E-07	9.33E-08	3.81E-03	1.20E-06	3.49E-07	4.60E-04	1.45E-07	4.23E-08
4076 484363.09, 3854877.25	3.43E-03	1.08E-06	3.15E-07	1.06E-03	3.36E-07	9.76E-08	3.61E-03	1.14E-06	3.32E-07	1.23E-03	3.89E-07	1.13E-07	2.96E-03	9.35E-07	2.72E-07	5.55E-04	1.75E-07	5.09E-08
4077 484863.09, 3854877.25	2.92E-03	9.22E-07	2.68E-07	8.86E-04	2.80E-07	8.14E-08	3.07E-03	9.70E-07	2.82E-07	1.03E-03	3.24E-07	9.42E-08	2.53E-03	7.99E-07	2.33E-07	4.62E-04	1.46E-07	4.24E-08
4078 485363.09, 3854877.25	2.94E-03	9.28E-07	2.70E-07	1.05E-03	3.33E-07	9.68E-08	3.12E-03	9.86E-07	2.87E-07	1.22E-03	3.85E-07	1.12E-07	2.45E-03	7.74E-07	2.25E-07	5.49E-04	1.73E-07	5.04E-08
4079 485863.09, 3854877.25	2.82E-03	8.89E-07	2.59E-07	1.08E-03	3.39E-07	9.87E-08	3.00E-03	9.48E-07	2.76E-07	1.25E-03	3.93E-07	1.14E-07	2.31E-03	7.28E-07	2.12E-07	5.60E-04	1.77E-07	5.14E-08
4080 486363.09, 3854877.25	2.66E-03	8.38E-07	2.44E-07	1.00E-03	3.17E-07	9.21E-08	2.83E-03	8.93E-07	2.60E-07	1.16E-03	3.66E-07	1.07E-07	2.18E-03	6.89E-07	2.00E-07	5.23E-04	1.65E-07	4.80E-08
4081 486863.09, 3854877.25	2.52E-03	7.97E-07	2.32E-07	9.40E-04	2.97E-07	8.63E-08	2.69E-03	8.48E-07	2.47E-07	1.09E-03	3.44E-07	9.99E-08	2.08E-03	6.57E-07	1.91E-07	4.90E-04	1.55E-07	4.50E-08
4082 487363.09, 3854877.25	2.65E-03	8.35E-07	2.43E-07	9.78E-04	3.09E-07	8.98E-08	2.81E-03	8.88E-07	2.58E-07	1.13E-03	3.57E-07	1.04E-07	2.18E-03	6.89E-07	2.01E-07	5.10E-04	1.61E-07	4.68E-08
4083 487863.09, 3854877.25	2.66E-03	8.40E-07	2.44E-07	9.94E-04	3.14E-07	9.13E-08	2.83E-03	8.94E-07	2.60E-07	1.15E-03	3.63E-07	1.06E-07	2.19E-03	6.93E-07	2.01E-07	5.18E-04	1.63E-07	4.75E-08
4084 488363.09, 3854877.25	2.70E-03	8.52E-07	2.48E-07	9.96E-04	3.14E-07	9.15E-08	2.87E-03	9.06E-07	2.63E-07	1.15E-03	3.64E-07	1.06E-07	2.23E-03	7.04E-07	2.05E-07	5.19E-04	1.64E-07	4.76E-08
4085 488863.09, 3854877.25	2.74E-03	8.66E-07	2.52E-07	9.89E-04	3.12E-07	9.08E-08	2.91E-03	9.20E-07	2.68E-07	1.15E-03	3.61E-07	1.05E-07	2.28E-03	7.21E-07	2.10E-07	5.15E-04	1.63E-07	4.73E-08
4086 489363.09, 3854877.25	2.71E-03	8.57E-07	2.49E-07	9.40E-04	2.97E-07	8.63E-08	2.88E-03	9.08E-07	2.64E-07	1.09E-03	3.43E-07	9.99E-08	2.28E-03	7.20E-07	2.09E-07	4.90E-04	1.55E-07	4.50E-08
4087 489863.09, 3854877.25	2.54E-03	8.03E-07	2.34E-07	8.53E-04	2.69E-07	7.83E-08	2.69E-03	8.49E-07	2.47E-07	9.88E-04	3.12E-07	9.07E-08	2.15E-03	6.80E-07	1.98E-07	4.45E-04	1.40E-07	4.08E-08
4088 490363.09, 3854877.25	1.98E-03	6.25E-07	1.82E-07	6.40E-04	2.02E-07	5.87E-08	2.09E-03	6.60E-07	1.92E-07	7.40E-04	2.34E-07	6.80E-08	1.69E-03	5.34E-07	1.55E-07	3.34E-04	1.05E-07	3.06E-08

4089 490863.09, 3854877.25	1.54E-03	4.87E-07	1.42E-07	4.49E-04	1.42E-07	4.13E-08	1.62E-03	5.11E-07	1.49E-07	5.20E-04	1.64E-07	4.77E-08	1.35E-03	4.25E-07	1.24E-07	2.35E-04	7.41E-08	2.16E-08
4090 491363.09, 3854877.25	1.66E-03	5.25E-07	1.53E-07	4.76E-04	1.50E-07	4.37E-08	1.74E-03	5.50E-07	1.60E-07	5.50E-04	1.74E-07	5.05E-08	1.45E-03	4.59E-07	1.34E-07	2.49E-04	7.85E-08	2.28E-08
4091 491863.09, 3854877.25	2.27E-03	7.17E-07	2.09E-07	6.54E-04	2.06E-07	6.00E-08	2.38E-03	7.52E-07	2.19E-07	7.57E-04	2.39E-07	6.95E-08	1.99E-03	6.27E-07	1.82E-07	3.42E-04	1.08E-07	3.14E-08
4092 492363.09, 3854877.25	2.26E-03	7.13E-07	2.07E-07	6.23E-04	1.97E-07	5.72E-08	2.37E-03	7.46E-07	2.17E-07	7.22E-04	2.28E-07	6.62E-08	1.99E-03	6.29E-07	1.83E-07	3.26E-04	1.03E-07	2.99E-08
4093 492863.09, 3854877.25	2.19E-03	6.91E-07	2.01E-07	5.73E-04	1.81E-07	5.26E-08	2.29E-03	7.22E-07	2.10E-07	6.63E-04	2.09E-07	6.08E-08	1.95E-03	6.15E-07	1.79E-07	3.00E-04	9.45E-08	2.75E-08
4094 493363.09, 3854877.25	2.08E-03	6.57E-07	1.91E-07	5.18E-04	1.64E-07	4.76E-08	2.17E-03	6.85E-07	1.99E-07	5.99E-04	1.89E-07	5.50E-08	1.87E-03	5.89E-07	1.71E-07	2.71E-04	8.57E-08	2.49E-08
4095 493863.09, 3854877.25	1.98E-03	6.24E-07	1.81E-07	4.73E-04	1.49E-07	4.34E-08	2.06E-03	6.49E-07	1.89E-07	5.47E-04	1.73E-07	5.02E-08	1.78E-03	5.63E-07	1.64E-07	2.48E-04	7.82E-08	2.27E-08
4096 494363.09, 3854877.25	1.61E-03	5.07E-07	1.48E-07	3.62E-04	1.14E-07	3.33E-08	1.67E-03	5.27E-07	1.53E-07	4.19E-04	1.32E-07	3.85E-08	1.46E-03	4.62E-07	1.34E-07	1.90E-04	6.01E-08	1.75E-08
4097 494863.09, 3854877.25	1.28E-03	4.03E-07	1.17E-07	2.60E-04	8.22E-08	2.39E-08	1.32E-03	4.17E-07	1.21E-07	3.01E-04	9.50E-08	2.76E-08	1.18E-03	3.71E-07	1.08E-07	1.37E-04	4.33E-08	1.26E-08
4098 495363.09, 3854877.25	1.11E-03	3.50E-07	1.02E-07	2.04E-04	6.45E-08	1.88E-08	1.14E-03	3.61E-07	1.05E-07	2.36E-04	7.45E-08	2.17E-08	1.03E-03	3.26E-07	9.49E-08	1.08E-04	3.41E-08	9.91E-09
4099 495863.09, 3854877.25	1.02E-03	3.21E-07	9.34E-08	1.74E-04	5.48E-08	1.59E-08	1.05E-03	3.31E-07	9.61E-08	2.01E-04	6.33E-08	1.84E-08	9.57E-04	3.02E-07	8.79E-08	9.21E-05	2.91E-08	8.45E-09
4100 496363.09, 3854877.25	8.99E-04	2.84E-07	8.25E-08	1.39E-04	4.37E-08	1.27E-08	9.22E-04	2.91E-07	8.47E-08	1.60E-04	5.05E-08	1.47E-08	8.53E-04	2.69E-07	7.83E-08	7.38E-05	2.33E-08	6.77E-09
4101 496863.09, 3854877.25	8.22E-04	2.60E-07	7.55E-08	1.18E-04	3.73E-08	1.08E-08	8.42E-04	2.66E-07	7.73E-08	1.36E-04	4.30E-08	1.25E-08	7.85E-04	2.48E-07	7.21E-08	6.31E-05	1.99E-08	5.79E-09
4102 497363.09, 3854877.25	7.98E-04	2.52E-07	7.33E-08	1.10E-04	3.48E-08	1.01E-08	8.17E-04	2.58E-07	7.50E-08	1.27E-04	4.01E-08	1.17E-08	7.65E-04	2.41E-07	7.02E-08	5.90E-05	1.86E-08	5.41E-09
4103 497863.09, 3854877.25	8.48E-04	2.68E-07	7.79E-08	1.17E-04	3.70E-08	1.08E-08	8.68E-04	2.74E-07	7.97E-08	1.35E-04	4.27E-08	1.24E-08	8.13E-04	2.57E-07	7.46E-08	6.27E-05	1.98E-08	5.76E-09
4104 498363.09, 3854877.25	8.35E-04	2.64E-07	7.67E-08	1.12E-04	3.54E-08	1.03E-08	8.54E-04	2.70E-07	7.84E-08	1.29E-04	4.08E-08	1.19E-08	8.03E-04	2.53E-07	7.37E-08	6.01E-05	1.90E-08	5.51E-09
4105 471363.09, 3855377.25	2.39E-04	7.53E-08	2.19E-08	3.20E-05	1.01E-08	2.94E-09	2.44E-04	7.70E-08	2.24E-08	3.70E-05	1.17E-08	3.40E-09	2.31E-04	7.28E-08	2.12E-08	1.69E-05	5.34E-09	1.55E-09
4106 471863.09, 3855377.25	2.48E-04	7.82E-08	2.27E-08	3.36E-05	1.06E-08	3.09E-09	2.53E-04	8.00E-08	2.33E-08	3.89E-05	1.23E-08	3.57E-09	2.39E-04	7.56E-08	2.20E-08	1.78E-05	5.61E-09	1.63E-09
4107 472363.09, 3855377.25	2.65E-04	8.37E-08	2.44E-08	3.63E-05	1.15E-08	3.33E-09	2.71E-04	8.57E-08	2.49E-08	4.19E-05	1.32E-08	3.85E-09	2.56E-04	8.09E-08	2.35E-08	1.92E-05	6.05E-09	1.76E-09
4108 472863.09, 3855377.25	2.74E-04	8.66E-08	2.52E-08	3.81E-05	1.20E-08	3.49E-09	2.81E-04	8.86E-08	2.58E-08	4.40E-05	1.39E-08	4.04E-09	2.65E-04	8.35E-08	2.43E-08	2.01E-05	6.34E-09	1.85E-09
4109 473363.09, 3855377.25	2.99E-04	9.45E-08	2.75E-08	4.17E-05	1.32E-08	3.83E-09	3.06E-04	9.67E-08	2.81E-08	4.82E-05	1.52E-08	4.43E-09	2.89E-04	9.11E-08	2.65E-08	2.20E-05	6.95E-09	2.02E-09
4110 473863.09, 3855377.25	3.20E-04	1.01E-07	2.94E-08	4.51E-05	1.42E-08	4.14E-09	3.28E-04	1.04E-07	3.01E-08	5.22E-05	1.65E-08	4.79E-09	3.09E-04	9.74E-08	2.83E-08	2.38E-05	7.51E-09	2.19E-09
4111 474363.09, 3855377.25	3.44E-04	1.08E-07	3.15E-08	4.86E-05	1.53E-08	4.46E-09	3.52E-04	1.11E-07	3.23E-08	5.62E-05	1.77E-08	5.16E-09	3.31E-04	1.04E-07	3.04E-08	2.57E-05	8.10E-09	2.36E-09
4112 474863.09, 3855377.25	3.05E-04	9.61E-08	2.80E-08	4.42E-05	1.39E-08	4.05E-09	3.12E-04	9.85E-08	2.86E-08	5.10E-05	1.61E-08	4.68E-09	2.92E-04	9.23E-08	2.68E-08	2.33E-05	7.36E-09	2.14E-09
4113 475363.09, 3855377.25	2.03E-04	6.40E-08	1.86E-08	2.31E-05	7.28E-09	2.12E-09	2.07E-04	6.52E-08	1.90E-08	2.66E-05	8.39E-09	2.44E-09	1.98E-04	6.25E-08	1.82E-08	1.23E-05	3.89E-09	1.13E-09
4114 475863.09, 3855377.25	1.80E-04	5.69E-08	1.66E-08	1.78E-05	5.62E-09	1.63E-09	1.83E-04	5.78E-08	1.68E-08	2.05E-05	6.47E-09	1.88E-09	1.78E-04	5.60E-08	1.63E-08	9.61E-06	3.03E-09	8.82E-10
4115 476363.09, 3855377.25	2.01E-04	6.35E-08	1.85E-08	2.11E-05	6.66E-09	1.94E-09	2.05E-04	6.46E-08	1.88E-08	2.43E-05	7.67E-09	2.23E-09	1.97E-04	6.23E-08	1.81E-08	1.13E-05	3.58E-09	1.04E-09
4116 476863.09, 3855377.25	2.05E-04	6.46E-08	1.88E-08	2.11E-05	6.66E-09	1.94E-09	2.08E-04	6.58E-08	1.91E-08	2.43E-05	7.67E-09	2.23E-09	2.01E-04	6.35E-08	1.85E-08	1.14E-05	3.58E-09	1.04E-09
4117 477363.09, 3855377.25	2.22E-04	7.01E-08	2.04E-08	2.37E-05	7.48E-09	2.18E-09	2.26E-04	7.13E-08	2.07E-08	2.73E-05	8.62E-09	2.51E-09	2.18E-04	6.87E-08	2.00E-08	1.27E-05	4.02E-09	1.17E-09
4118 477863.09, 3855377.25	2.61E-04	8.23E-08	2.39E-08	3.09E-05	9.77E-09	2.84E-09	2.66E-04	8.39E-08	2.44E-08	3.57E-05	1.13E-08	3.28E-09	2.54E-04	8.01E-08	2.33E-08	1.65E-05	5.22E-09	1.52E-09
4119 478363.09, 3855377.25	3.08E-04	9.72E-08	2.83E-08	4.05E-05	1.28E-08	3.71E-09	3.15E-04	9.94E-08	2.89E-08	4.67E-05	1.47E-08	4.29E-09	2.98E-04	9.40E-08	2.74E-08	2.15E-05	6.78E-09	1.97E-09
4120 478863.09, 3855377.25	3.64E-04	1.15E-07	3.35E-08	5.21E-05	1.64E-08	4.78E-09	3.73E-04	1.18E-07	3.43E-08	6.01E-05	1.90E-08	5.52E-09	3.50E-04	1.11E-07	3.21E-08	2.76E-05	8.70E-09	2.53E-09
4121 479363.09, 3855377.25	4.54E-04	1.43E-07	4.17E-08	7.25E-05	2.29E-08	6.65E-09	4.66E-04	1.47E-07	4.28E-08	8.37E-05	2.64E-08	7.69E-09	4.32E-04	1.36E-07	3.96E-08	3.82E-05	1.21E-08	3.51E-09
4122 479863.09, 3855377.25	5.56E-04	1.75E-07	5.10E-08	9.64E-05	3.04E-08	8.85E-09	5.72E-04	1.81E-07	5.25E-08	1.11E-04	3.52E-08	1.02E-08	5.25E-04	1.66E-07	4.82E-08	5.07E-05	1.60E-08	4.65E-09
4123 480363.09, 3855377.25	7.53E-04	2.38E-07	6.92E-08	1.47E-04	4.62E-08	1.35E-08	7.78E-04	2.46E-07	7.15E-08	1.69E-04	5.35E-08	1.56E-08	7.02E-04	2.22E-07	6.45E-08	7.68E-05	2.42E-08	7.05E-09
4124 480863.09, 3855377.25	1.09E-03	3.45E-07	1.00E-07	2.10E-04	6.64E-08	1.93E-08	1.13E-03	3.57E-07	1.04E-07	2.43E-04	7.68E-08	2.23E-08	1.02E-03	3.23E-07	9.39E-08	1.10E-04	3.47E-08	1.01E-08
4125 481363.09, 3855377.25	1.68E-03	5.31E-07	1.54E-07	2.71E-04	8.54E-08	2.48E-08	1.73E-03	5.46E-07	1.59E-07	3.13E-04	9.88E-08	2.87E-08	1.61E-03	5.07E-07	1.47E-07	1.41E-04	4.46E-08	1.30E-08
4126 481863.09, 3855377.25	2.68E-03	8.45E-07	2.46E-07	3.27E-04	1.03E-07	3.00E-08	2.73E-03	8.63E-07	2.51E-07	3.78E-04	1.19E-07	3.47E-08	2.62E-03	8.28E-07	2.41E-07	1.71E-04	5.38E-08	1.57E-08
4127 482363.09, 3855377.25	5.27E-03	1.66E-06	4.84E-07	3.84E-04	1.21E-07	3.53E-08	5.34E-03	1.69E-06	4.90E-07	4.45E-04	1.40E-07	4.08E-08	5.33E-03	1.68E-06	4.89E-07	2.01E-04	6.34E-08	1.84E-08
4128 482863.09, 3855377.25	2.13E-02	6.72E-06	1.96E-06	4.96E-04	1.56E-07	4.55E-08	2.14E-02	6.75E-06	1.96E-06	5.74E-04	1.81E-07	5.27E-08	2.22E-02	7.00E-06	2.04E-06	2.59E-04	8.17E-08	2.38E-08
4129 483363.09, 3855377.25	2.87E-02	9.05E-06	2.63E-06	6.75E-04	2.13E-07	6.20E-08	2.88E-02	9.08E-06	2.64E-06	7.81E-04	2.47E-07	7.17E-08	2.98E-02	9.42E-06	2.74E-06	3.52E-04	1.11E-07	3.23E-08
4130 483863.09, 3855377.25	1.35E-02	4.25E-06	1.24E-06	1.12E-03	3.55E-07	1.03E-07	1.37E-02	4.31E-06	1.25E-06	1.30E-03	4.11E-07	1.19E-07	1.35E-02	4.27E-06	1.24E-06	5.86E-04	1.85E-07	5.38E-08
4131 484363.09, 3855377.25	9.58E-03	3.03E-06	8.80E-07	3.25E-03	1.03E-06	2.99E-07	1.01E-02	3.20E-06	9.31E-07	3.77E-03	1.19E-06	3.46E-07	8.11E-03	2.56E-06	7.45E-07	1.69E-03	5.34E-07	1.55E-07
4132 484863.09, 3855377.25	4.00E-02	1.26E-05	3.67E-06	3.21E-02	1.01E-05	2.95E-06	4.56E-02	1.44E-05	4.18E-06	3.72E-02	1.17E-05	3.42E-06	2.25E-02	7.10E-06	2.07E-06	1.67E-02	5.27E-06	1.53E-06
4133 485363.09, 3855377.25	1.66E-02	5.25E-06	1.53E-06	1.18E-02	3.71E-06	1.08E-06	1.87E-02	5.89E-06	1.71E-06	1.36E-02	4.30E-06	1.25E-06	1.03E-02	3.27E-06	9.50E-07	6.11E-03	1.93E-06	5.61E-07
4134 485863.09, 3855377.25	9.41E-03	2.97E-06	8.64E-07	5.61E-03	1.77E-06	5.15E-07	1.04E-02	3.28E-06	9.53E-07	6.49E-03	2.05E-06	5.96E-07	6.49E-03	2.05E-06	5.95E-07	2.91E-03	9.20E-07	2.68E-07
4135 486363.09, 3855377.25	6.52E-03	2.06E-06	5.99E-07	3.40E-03	1.07E-06	3.12E-07	7.11E-03	2.24E-06	6.53E-07	3.93E-03	1.24E-06	3.61E-07	4.79E-03	1.51E-06	4.40E-07	1.77E-03	5.58E-07	1.62E-07
4136 486863.09, 3855377.25	5.15E-03	1.62E-06	4.73E-07	2.41E-03	7.62E-07	2.22E-07	5.56E-03	1.76E-06	5.11E-07	2.80E-03	8.82E-07	2.57E-07	3.94E-03	1.24E-06	3.62E-07	1.26E-03	3.97E-07	1.15E-07
4137 487363.09, 3855377.25	4.92E-03	1.55E-06	4.52E-07	2.17E-03	6.85E-07	1.99E-07	5.30E-03	1.67E-06	4.86E-07	2.51E-03	7.93E-07	2.31E-07	3.85E-03	1.22E-06	3.54E-07	1.13E-03	3.57E-07	1.04E-07
4138 487863.09, 3855377.25	4.64E-03	1.46E-06	4.26E-07	1.96E-03	6.18E-07	1.80E-07	4.98E-03	1.57E-06	4.57E-07	2.27E-03	7.15E-07	2.08E-07	3.69E-03	1.16E-06	3.39E-07	1.02E-03	3.21E-07	9.35E-08
4139 488363.09, 3855377.25	4.42E-03	1.39E-06	4.06E-07	1.77E-03	5.59E-07	1.63E-07	4.72E-03	1.49E-06	4.34E-07	2.05E-03	6.48E-07	1.88E-07	3.57E-03	1.13E-06	3.28E-07	9.23E-04	2.91E-07	8.47E-08
4140 488863.09, 3855377.25	4.22E-03	1.33E-06	3.87E-07	1.60E-03	5.05E-07	1.47E-07	4.49E-03	1.42E-06	4.12E-07	1.85E-03	5.85E-07	1.70E-07	3.46E-03	1.09E-06	3.18E-07	8.33E-04	2.63E-07	7.64E-08
4141 489363.09, 3855377.25	3.99E-03	1.26E-06	3.66E-07	1.44E-03	4.53E-07	1.32E-07	4.23E-03	1.34E-06	3.89E-07	1.66E-03	5.25E-07	1.53E-07	3.32E-03	1.05E-06	3.05E-07	7.48E-04	2.36E-07	6.86E-08
4142 489863.09, 3855377.25	3.63E-03	1.15E-06	3.34E-07	1.26E-03	3.99E-07	1.16E-07	3.85E-03	1.22E-06	3.54E-07	1.46E-03	4.62E-07	1.34E-07	3.05E-03	9.63E-07	2.80E-07	6.59E-04	2.08E-07	6.05E-08
4143 490363.09, 3855377.25	3.53E-03	1.12E-06	3.24E-07	1.15E-03	3.64E-07	1.06E-07	3.73E-03	1.18E-06	3.43E-07	1.34E-03	4.22E-07	1.23E-07	3.01E-03	9.51E-07	2.77E-07	6.01E-04	1.90E-07	5.52E-08
4144 490863.09, 3855377.25	2.43E-03	7.67E-07	2.23E-07	7.51E-04	2.37E-07	6.90E-08	2.56E-03	8.08E-07	2.35E-07	8.69E-04	2.74E-07	7.98E-08	2.09E-03	6.61E-07	1.92E-07	3.92E-04	1.24E-07	3.60E-08
4145 491363.09, 3855377.25	2.10E-03	6.62E-07	1.93E-07	6.10E-04	1.93E-07	5.60E-08	2.20E-03	6.95E-07	2.02E-07	7.06E-04	2.23E-07	6.48E-08	1.83E-03	5.78E-07	1.68E-07	3.19E-04	1.01E-07	2.93E-08
4146 491863.09, 3855377.25	2.89E-03	9.13E-07	2.66E-07	8.16E-04	2.58E-07	7.50E-08	3.03E-03	9.57E-07	2.78E-07	9.45E-04	2.98E-07	8.68E-08	2.54E-03	8.02E-07	2.33E-07	4.26E-04	1.35E-07	3.91E-08
4147 492363.09, 3855377.25	2.87E-03	9.06E-07	2.63E-07	7.52E-04	2.37E-07	6.91E-08	3.00E-03	9.46E-07	2.75E-07	8.71E-04	2.75E-07	7.99E-08	2.55E-03	8.06E-07	2.34E-07	3.93E-04	1.24E-07	3.61E-08
4148 492863.09, 3855377.25	2.71E-03	8.55E-07	2.49E-07	6.75E-04	2.13E-07	6.20E-08	2.82E-03	8.92E-07	2.59E-07	7.81E-04	2.47E-07	7.17E-08	2.43E-03	7.67E-07	2.23E-07	3.53E-04	1.12E-07	3.24E-08
4149 493363.09, 3855377.25	2.43E-03	7.67E-07	2.23E-07	5.80E-04	1.83E-07	5.32E-08	2.53E-03	7.98E-07	2.32E-07	6.71E-04	2.12E-07	6.16E-08	2.19E-03	6.92E-07	2.01E-07	3.04E-04	9.60E-08	2.79E-08
4150 493863.09, 3855377.25	1.99E-03	6.28E-07	1.83E-07	4.44E-04	1.40E-07	4.08E-08	2.07E-03	6.52E-07	1.90E-07	5.14E-04	1.62E-07	4.72E-08	1.81E-03	5.72E-07	1.66E-07	2.34E-04	7.37E-08	2.14E-08
4151 494363.09, 3855377.25	1.57E-03	4.96E-07	1.44E-07	3.20E-04	1.01E-07	2.94E-08	1.63E-03	5.13E-07	1.49E-07	3.70E-04	1.17E-07	3.39E-08	1.45E-03	4.57E-07	1.33E-07	1.68E-04	5.32E-08	1.55E-08
4152 494863.09, 3855377.25	1.27E-03	4.02E-07	1.17E-07	2.29E-04	7.22E-08	2.10E-08	1.31E-03	4.14E-07	1.21E-07	2.64E-04	8.34E-08	2.43E-08	1.19E-03	3.76E-07	1.09E-07	1.21E-04	3.82E-08	1.11E-08
4153 495363.09, 3855377.25	1.09E-03	3.44E-07	1.00E-07	1.74E-04	5.50E-08	1.60E-08	1.12E-03	3.53E-07	1.03E-07	2.01E-04	6.34E-08	1.85E-08	1.03E-03	3.26E-07	9.47E-08	9.25E-05	2.92E-08	8.50E-09
4154 495863.09, 3855377.25	9.64E-04	3.04E-07	8.85E-08	1.40E-04	4.42E-08	1.29E-08	9.87E-04	3.12E-07	9.06E-08	1.62E-04	5.10E-08	1.48E-08	9.19E-04	2.90E-07	8.44E-08	7.48E-05	2.36E-08	6.87E-09

4155	496363.09, 3855377.25	9.35E-04	2.95E-07	8.59E-08	1.30E-04	4.11E-08	1.20E-08	9.57E-04	3.02E-07	8.79E-08	1.50E-04	4.74E-08	1.38E-08	8.95E-04	2.83E-07	8.22E-08	6.97E-05	2.20E-08	6.40E-09
4156	496863.09, 3855377.25	9.10E-04	2.87E-07	8.36E-08	1.22E-04	3.85E-08	1.12E-08	9.31E-04	2.94E-07	8.54E-08	1.41E-04	4.44E-08	1.29E-08	8.74E-04	2.76E-07	8.03E-08	6.53E-05	2.06E-08	6.00E-09
4157	497363.09, 3855377.25	9.15E-04	2.89E-07	8.40E-08	1.20E-04	3.78E-08	1.10E-08	9.35E-04	2.95E-07	8.59E-08	1.38E-04	4.36E-08	1.27E-08	8.81E-04	2.78E-07	8.09E-08	6.42E-05	2.03E-08	5.89E-09
4158	497863.09, 3855377.25	9.39E-04	2.96E-07	8.62E-08	1.22E-04	3.84E-08	1.12E-08	9.59E-04	3.03E-07	8.80E-08	1.40E-04	4.42E-08	1.29E-08	9.04E-04	2.85E-07	8.30E-08	6.51E-05	2.06E-08	5.98E-09
4159	498363.09, 3855377.25	9.73E-04	3.07E-07	8.93E-08	1.26E-04	3.97E-08	1.16E-08	9.94E-04	3.14E-07	9.12E-08	1.45E-04	4.58E-08	1.33E-08	9.37E-04	2.96E-07	8.60E-08	6.74E-05	2.13E-08	6.19E-09
4160	471363.09, 3855877.25	2.45E-04	7.73E-08	2.25E-08	3.17E-05	1.00E-08	2.91E-09	2.50E-04	7.90E-08	2.30E-08	3.66E-05	1.16E-08	3.36E-09	2.38E-04	7.50E-08	2.18E-08	1.68E-05	5.29E-09	1.54E-09
4161	471863.09, 3855877.25	2.55E-04	8.04E-08	2.34E-08	3.33E-05	1.05E-08	3.05E-09	2.60E-04	8.22E-08	2.39E-08	3.84E-05	1.21E-08	3.53E-09	2.47E-04	7.79E-08	2.27E-08	1.76E-05	5.55E-09	1.61E-09
4162	472363.09, 3855877.25	2.78E-04	8.78E-08	2.55E-08	3.63E-05	1.14E-08	3.33E-09	2.84E-04	8.97E-08	2.61E-08	4.19E-05	1.32E-08	3.85E-09	2.70E-04	8.51E-08	2.48E-08	1.92E-05	6.04E-09	1.76E-09
4163	472863.09, 3855877.25	2.82E-04	8.91E-08	2.59E-08	3.76E-05	1.19E-08	3.45E-09	2.89E-04	9.11E-08	2.65E-08	4.34E-05	1.37E-08	3.98E-09	2.73E-04	8.63E-08	2.51E-08	1.98E-05	6.26E-09	1.82E-09
4164	473363.09, 3855877.25	3.14E-04	9.92E-08	2.89E-08	4.15E-05	1.31E-08	3.81E-09	3.21E-04	1.01E-07	2.95E-08	4.80E-05	1.52E-08	4.41E-09	3.04E-04	9.61E-08	2.80E-08	2.19E-05	6.92E-09	2.01E-09
4165	473863.09, 3855877.25	3.38E-04	1.07E-07	3.11E-08	4.49E-05	1.42E-08	4.12E-09	3.46E-04	1.09E-07	3.18E-08	5.19E-05	1.64E-08	4.77E-09	3.28E-04	1.03E-07	3.01E-08	2.37E-05	7.48E-09	2.18E-09
4166	474363.09, 3855877.25	3.60E-04	1.14E-07	3.30E-08	4.80E-05	1.51E-08	4.41E-09	3.68E-04	1.16E-07	3.38E-08	5.55E-05	1.75E-08	5.09E-09	3.48E-04	1.10E-07	3.19E-08	2.54E-05	8.01E-09	2.33E-09
4167	474863.09, 3855877.25	2.96E-04	9.34E-08	2.72E-08	4.16E-05	1.31E-08	3.82E-09	3.03E-04	9.56E-08	2.78E-08	4.81E-05	1.52E-08	4.42E-09	2.85E-04	8.98E-08	2.61E-08	2.20E-05	6.95E-09	2.02E-09
4168	475363.09, 3855877.25	2.24E-04	7.08E-08	2.06E-08	2.83E-05	8.94E-09	2.60E-09	2.29E-04	7.23E-08	2.10E-08	3.27E-05	1.03E-08	3.00E-09	2.18E-04	6.87E-08	2.00E-08	1.51E-05	4.75E-09	1.38E-09
4169	475863.09, 3855877.25	1.52E-04	4.80E-08	1.40E-08	1.35E-05	4.26E-09	1.24E-09	1.54E-04	4.87E-08	1.42E-08	1.55E-05	4.90E-09	1.43E-09	1.51E-04	4.75E-08	1.38E-08	7.34E-06	2.32E-09	6.74E-10
4170	476363.09, 3855877.25	1.63E-04	5.14E-08	1.50E-08	1.45E-05	4.59E-09	1.34E-09	1.65E-04	5.22E-08	1.52E-08	1.67E-05	5.28E-09	1.54E-09	1.61E-04	5.09E-08	1.48E-08	7.90E-06	2.49E-09	7.25E-10
4171	476863.09, 3855877.25	2.08E-04	6.57E-08	1.91E-08	2.15E-05	6.77E-09	1.97E-09	2.12E-04	6.69E-08	1.95E-08	2.47E-05	7.81E-09	2.27E-09	2.05E-04	6.46E-08	1.88E-08	1.15E-05	3.64E-09	1.06E-09
4172	477363.09, 3855877.25	2.38E-04	7.52E-08	2.19E-08	2.64E-05	8.34E-09	2.42E-09	2.43E-04	7.66E-08	2.23E-08	3.05E-05	9.61E-09	2.80E-09	2.33E-04	7.36E-08	2.14E-08	1.41E-05	4.46E-09	1.30E-09
4173	477863.09, 3855877.25	2.73E-04	8.63E-08	2.51E-08	3.23E-05	1.02E-08	2.97E-09	2.79E-04	8.80E-08	2.56E-08	3.73E-05	1.18E-08	3.42E-09	2.67E-04	8.41E-08	2.45E-08	1.72E-05	5.44E-09	1.58E-09
4174	478363.09, 3855877.25	3.25E-04	1.02E-07	2.98E-08	4.23E-05	1.33E-08	3.88E-09	3.32E-04	1.05E-07	3.04E-08	4.88E-05	1.54E-08	4.48E-09	3.14E-04	9.92E-08	2.88E-08	2.24E-05	7.08E-09	2.06E-09
4175	478863.09, 3855877.25	3.95E-04	1.25E-07	3.63E-08	5.60E-05	1.77E-08	5.14E-09	4.04E-04	1.28E-07	3.71E-08	6.47E-05	2.04E-08	5.94E-09	3.80E-04	1.20E-07	3.49E-08	2.96E-05	9.36E-09	2.72E-09
4176	479363.09, 3855877.25	4.97E-04	1.57E-07	4.57E-08	7.85E-05	2.48E-08	7.21E-09	5.11E-04	1.61E-07	4.69E-08	9.08E-05	2.87E-08	8.33E-09	4.74E-04	1.50E-07	4.35E-08	4.14E-05	1.31E-08	3.80E-09
4177	479863.09, 3855877.25	6.23E-04	1.97E-07	5.72E-08	1.06E-04	3.35E-08	9.75E-09	6.41E-04	2.02E-07	5.89E-08	1.23E-04	3.88E-08	1.13E-08	5.89E-04	1.86E-07	5.41E-08	5.59E-05	1.76E-08	5.13E-09
4178	480363.09, 3855877.25	8.24E-04	2.60E-07	7.57E-08	1.49E-04	4.72E-08	1.37E-08	8.50E-04	2.68E-07	7.80E-08	1.73E-04	5.46E-08	1.59E-08	7.75E-04	2.45E-07	7.11E-08	7.84E-05	2.47E-08	7.20E-09
4179	480863.09, 3855877.25	1.15E-03	3.62E-07	1.05E-07	2.07E-04	6.54E-08	1.90E-08	1.18E-03	3.74E-07	1.09E-07	2.40E-04	7.56E-08	2.20E-08	1.08E-03	3.41E-07	9.93E-08	1.08E-04	3.42E-08	9.95E-09
4180	481363.09, 3855877.25	1.31E-03	4.13E-07	1.20E-07	2.43E-04	7.68E-08	2.23E-08	1.35E-03	4.26E-07	1.24E-07	2.81E-04	8.88E-08	2.58E-08	1.23E-03	3.88E-07	1.13E-07	1.27E-04	4.02E-08	1.17E-08
4181	481863.09, 3855877.25	2.72E-03	8.59E-07	2.50E-07	3.33E-04	1.05E-07	3.06E-08	2.78E-03	8.77E-07	2.55E-07	3.86E-04	1.22E-07	3.54E-08	2.67E-03	8.41E-07	2.45E-07	1.74E-04	5.49E-08	1.60E-08
4182	482363.09, 3855877.25	5.64E-03	1.78E-06	5.18E-07	3.91E-04	1.23E-07	3.59E-08	5.71E-03	1.80E-06	5.24E-07	4.53E-04	1.43E-07	4.16E-08	5.71E-03	1.80E-06	5.24E-07	2.04E-04	6.45E-08	1.88E-08
4183	482863.09, 3855877.25	1.02E-02	3.23E-06	9.40E-07	5.15E-04	1.62E-07	4.73E-08	1.03E-02	3.26E-06	9.48E-07	5.96E-04	1.88E-07	5.47E-08	1.05E-02	3.31E-06	9.63E-07	2.69E-04	8.50E-08	2.47E-08
4184	483363.09, 3855877.25	3.87E-02	1.22E-05	3.55E-06	7.10E-04	2.24E-07	6.52E-08	3.88E-02	1.23E-05	3.56E-06	8.21E-04	2.59E-07	7.54E-08	4.04E-02	1.28E-05	3.71E-06	3.72E-04	1.17E-07	3.41E-08
4185	483863.09, 3855877.25	2.84E-02	8.95E-06	2.60E-06	1.02E-03	3.23E-07	9.39E-08	2.85E-02	9.01E-06	2.62E-06	1.18E-03	3.73E-07	1.09E-07	2.93E-02	9.25E-06	2.69E-06	5.35E-04	1.69E-07	4.91E-08
4186	484363.09, 3855877.25	1.68E-02	5.30E-06	1.54E-06	1.82E-03	5.74E-07	1.67E-07	1.71E-02	5.39E-06	1.57E-06	2.10E-03	6.64E-07	1.93E-07	1.66E-02	5.23E-06	1.52E-06	9.51E-04	3.00E-07	8.73E-08
4187	484863.09, 3855877.25	1.41E-02	4.46E-06	1.30E-06	3.94E-03	1.24E-06	3.61E-07	1.48E-02	4.67E-06	1.36E-06	4.56E-03	1.44E-06	4.19E-07	1.25E-02	3.94E-06	1.15E-06	2.05E-03	6.48E-07	1.88E-07
4188	485363.09, 3855877.25	4.00E-02	1.26E-05	3.67E-06	2.94E-02	9.29E-06	2.70E-06	4.50E-02	1.42E-05	4.13E-06	3.41E-02	1.08E-05	3.13E-06	2.41E-02	7.60E-06	2.21E-06	1.53E-02	4.83E-06	1.40E-06
4189	485863.09, 3855877.25	2.63E-02	8.30E-06	2.42E-06	1.86E-02	5.86E-06	1.70E-06	2.95E-02	9.31E-06	2.71E-06	2.15E-02	6.78E-06	1.97E-06	1.64E-02	5.16E-06	1.50E-06	9.64E-03	3.04E-06	8.85E-07
4190	486363.09, 3855877.25	1.30E-02	4.10E-06	1.19E-06	7.54E-03	2.38E-06	6.92E-07	1.43E-02	4.51E-06	1.31E-06	8.73E-03	2.75E-06	8.01E-07	9.08E-03	2.87E-06	8.34E-07	3.92E-03	1.24E-06	3.60E-07
4191	486863.09, 3855877.25	9.45E-03	2.98E-06	8.68E-07	4.86E-03	1.53E-06	4.46E-07	1.03E-02	3.25E-06	9.44E-07	5.63E-03	1.78E-06	5.16E-07	6.98E-03	2.20E-06	6.41E-07	2.53E-03	7.97E-07	2.32E-07
4192	487363.09, 3855877.25	8.26E-03	2.61E-06	7.58E-07	3.90E-03	1.23E-06	3.58E-07	8.93E-03	2.82E-06	8.20E-07	4.51E-03	1.42E-06	4.14E-07	6.32E-03	1.99E-06	5.80E-07	2.03E-03	6.40E-07	1.86E-07
4193	487863.09, 3855877.25	7.38E-03	2.33E-06	6.77E-07	3.22E-03	1.02E-06	2.96E-07	7.93E-03	2.50E-06	7.28E-07	3.73E-03	1.18E-06	3.42E-07	5.80E-03	1.83E-06	5.33E-07	1.67E-03	5.29E-07	1.54E-07
4194	488363.09, 3855877.25	6.57E-03	2.07E-06	6.04E-07	2.68E-03	8.45E-07	2.46E-07	7.04E-03	2.22E-06	6.46E-07	3.10E-03	9.79E-07	2.85E-07	5.29E-03	1.67E-06	4.85E-07	1.39E-03	4.40E-07	1.28E-07
4195	488863.09, 3855877.25	5.98E-03	1.89E-06	5.49E-07	2.27E-03	7.16E-07	2.08E-07	6.37E-03	2.01E-06	5.85E-07	2.63E-03	8.30E-07	2.41E-07	4.91E-03	1.55E-06	4.51E-07	1.18E-03	3.73E-07	1.08E-07
4196	489363.09, 3855877.25	5.43E-03	1.71E-06	4.98E-07	1.93E-03	6.09E-07	1.77E-07	5.76E-03	1.82E-06	5.29E-07	2.23E-03	7.05E-07	2.05E-07	4.54E-03	1.43E-06	4.16E-07	1.00E-03	3.17E-07	9.22E-08
4197	489863.09, 3855877.25	4.96E-03	1.57E-06	4.55E-07	1.65E-03	5.21E-07	1.52E-07	5.24E-03	1.65E-06	4.81E-07	1.91E-03	6.03E-07	1.75E-07	4.21E-03	1.33E-06	3.87E-07	8.60E-04	2.71E-07	7.89E-08
4198	490363.09, 3855877.25	4.63E-03	1.46E-06	4.25E-07	1.43E-03	4.51E-07	1.31E-07	4.87E-03	1.54E-06	4.47E-07	1.65E-03	5.22E-07	1.52E-07	4.00E-03	1.26E-06	3.67E-07	7.44E-04	2.35E-07	6.83E-08
4199	490863.09, 3855877.25	4.17E-03	1.32E-06	3.83E-07	1.23E-03	3.88E-07	1.13E-07	4.38E-03	1.38E-06	4.02E-07	1.42E-03	4.49E-07	1.31E-07	3.63E-03	1.15E-06	3.34E-07	6.41E-04	2.02E-07	5.89E-08
4200	491363.09, 3855877.25	3.58E-03	1.13E-06	3.29E-07	1.02E-03	3.21E-07	9.35E-08	3.76E-03	1.19E-06	3.45E-07	1.18E-03	3.72E-07	1.08E-07	3.14E-03	9.91E-07	2.88E-07	5.32E-04	1.68E-07	4.88E-08
4201	491863.09, 3855877.25	3.72E-03	1.17E-06	3.42E-07	9.50E-04	3.00E-07	8.72E-08	3.88E-03	1.23E-06	3.57E-07	1.10E-03	3.47E-07	1.01E-07	3.33E-03	1.05E-06	3.06E-07	4.97E-04	1.57E-07	4.56E-08
4202	492363.09, 3855877.25	3.43E-03	1.08E-06	3.15E-07	8.31E-04	2.62E-07	7.63E-08	3.57E-03	1.13E-06	3.28E-07	9.62E-04	3.04E-07	8.83E-08	3.09E-03	9.75E-07	2.84E-07	4.35E-04	1.37E-07	4.00E-08
4203	492863.09, 3855877.25	3.20E-03	1.01E-06	2.94E-07	7.33E-04	2.31E-07	6.73E-08	3.33E-03	1.05E-06	3.06E-07	8.48E-04	2.68E-07	7.79E-08	2.91E-03	9.18E-07	2.67E-07	3.84E-04	1.21E-07	3.53E-08
4204	493363.09, 3855877.25	2.57E-03	8.11E-07	2.36E-07	5.65E-04	1.78E-07	5.18E-08	2.67E-03	8.41E-07	2.45E-07	6.53E-04	2.06E-07	5.99E-08	2.35E-03	7.40E-07	2.15E-07	2.97E-04	9.36E-08	2.72E-08
4205	493863.09, 3855877.25	1.95E-03	6.17E-07	1.79E-07	3.89E-04	1.23E-07	3.57E-08	2.02E-03	6.37E-07	1.85E-07	4.50E-04	1.42E-07	4.13E-08	1.81E-03	5.70E-07	1.66E-07	2.05E-04	6.47E-08	1.88E-08
4206	494363.09, 3855877.25	1.54E-03	4.85E-07	1.41E-07	2.67E-04	8.43E-08	2.45E-08	1.58E-03	4.99E-07	1.45E-07	3.09E-04	9.74E-08	2.83E-08	1.44E-03	4.55E-07	1.32E-07	1.41E-04	4.46E-08	1.30E-08
4207	494863.09, 3855877.25	1.29E-03	4.06E-07	1.18E-07	1.96E-04	6.20E-08	1.80E-08	1.32E-03	4.17E-07	1.21E-07	2.27E-04	7.15E-08	2.08E-08	1.22E-03	3.86E-07	1.12E-07	1.04E-04	3.30E-08	9.59E-09
4208	495363.09, 3855877.25	1.03E-03	3.27E-07	9.50E-08	1.38E-04	4.37E-08	1.27E-08	1.06E-03	3.34E-07	9.71E-08	1.60E-04	5.04E-08	1.46E-08	9.94E-04	3.14E-07	9.12E-08	7.41E-05	2.34E-08	6.81E-09
4209	495863.09, 3855877.25	1.01E-03	3.18E-07	9.25E-08	1.29E-04	4.09E-08	1.19E-08	1.03E-03	3.25E-07	9.45E-08	1.49E-04	4.71E-08	1.37E-08	9.71E-04	3.06E-07	8.91E-08	6.95E-05	2.19E-08	6.38E-09
4210	496363.09, 3855877.25	9.91E-04	3.13E-07	9.10E-08	1.23E-04	3.89E-08	1.13E-08	1.01E-03	3.19E-07	9.29E-08	1.42E-04	4.48E-08	1.30E-08	9.57E-04	3.02E-07	8.79E-08	6.62E-05	2.09E-08	6.08E-09
4211	496863.09, 3855877.25	1.01E-03	3.18E-07	9.25E-08	1.23E-04	3.89E-08	1.13E-08	1.03E-03	3.25E-07	9.44E-08	1.42E-04	4.48E-08	1.30E-08	9.75E-04	3.08E-07	8.95E-08	6.62E-05	2.09E-08	6.08E-09
4212	497363.09, 3855877.25	1.03E-03	3.24E-07	9.43E-08	1.24E-04	3.93E-08	1.14E-08	1.05E-03	3.31E-07	9.62E-08	1.43E-04	4.53E-08	1.32E-08	9.95E-04	3.14E-07	9.13E-08	6.69E-05	2.11E-08	6.14E-09
4213	497863.09, 3855877.25	1.06E-03	3.35E-07	9.73E-08	1.28E-04	4.05E-08	1.18E-08	1.08E-03	3.41E-07	9.93E-08	1.48E-04	4.66E-08	1.36E-08	1.03E-03	3.24E-07	9.43E-08	6.88E-05	2.17E-08	6.32E-09
4214	498363.09, 3855877.25	1.14E-03	3.60E-07	1.05E-07	1.42E-04	4.49E-08	1.30E-08	1.16E-03	3.67E-07	1.07E-07	1.64E-04	5.17E-08	1.50E-08	1.10E-03	3.48E-07	1.01E-07	7.61E-05	2.40E-08	6.99E-09
4215	471363.09, 3856377.25	2.48E-04	7.84E-08	2.28E-08	3.20E-05	1.01E-08	2.94E-09	2.54E-04	8.01E-08	2.33E-08	3.70E-05	1.17E-08	3.40E-09	2.41E-04	7.61E-08	2.21E-08	1.69E-05	5.34E-09	1.55E-09
4216	471863.09, 3856377.25	2.57E-04	8.12E-08	2.36E-08	3.36E-05	1.06E-08	3.09E-09	2.63E-04	8.30E-08	2.41E-08	3.89E-05	1.23E-08	3.57E-09	2.50E-04	7.88E-08	2.29E-08	1.77E-05	5.60E-09	1.63E-09
4217	472363.09, 3856377.25	2.75E-04	8.69E-08	2.53E-08	3.63E-05	1.14E-08	3.33E-09	2.82E-04	8.89E-08	2.59E-08	4.19E-05	1.32E-08	3.85E-09	2.67E-04	8.43E-08	2.45E-08	1.91E-05	6.04E-09	1.76E-09
4218	472863.09, 3856377.25	2.99E-04	9.44E-08	2.74E-08	3.94E-05	1.24E-08	3.62E-09	3.06E-04	9.65E-08	2.81E-08	4.56E-05	1.44E-08	4.18E-09	2.90E-04	9.15E-08	2.66E-08	2.08E-05	6.56E-09	1.91E-09
4219	473363.09, 3856377.25	3.19E-04	1.01E-07	2.93E-08	4.25E-05	1.34E-08	3.90E-09	3.26E-04	1.03E-07	2.99E-08	4.91E-05	1.55E-08	4.51E-09	3.09E-04	9.75E-08	2.84E-08	2.24E-05	7.08E-09	2.06E-09
4220	473863.09, 3856377.25	3.58E-04	1.13E-07	3.28E-08	4.72E-05	1.49E-08	4.33E-09	3.66E-04	1.15E-07	3.36E-08	5.45E-05	1.72E-08	5.00E-09	3.47E-04	1.09E-07	3.18E-08	2.49E-05	7.84E-09	2.28E-09

4221	474363.09, 3856377.25	3.50E-04	1.10E-07	3.21E-08	4.83E-05	1.52E-08	4.43E-09	3.58E-04	1.13E-07	3.29E-08	5.58E-05	1.76E-08	5.12E-09	3.38E-04	1.07E-07	3.10E-08	2.54E-05	8.03E-09	2.33E-09
4222	474863.09, 3856377.25	3.37E-04	1.06E-07	3.09E-08	4.78E-05	1.51E-08	4.39E-09	3.45E-04	1.09E-07	3.16E-08	5.52E-05	1.74E-08	5.07E-09	3.24E-04	1.02E-07	2.97E-08	2.52E-05	7.96E-09	2.32E-09
4223	475363.09, 3856377.25	2.83E-04	8.95E-08	2.60E-08	4.04E-05	1.28E-08	3.71E-09	2.90E-04	9.16E-08	2.67E-08	4.67E-05	1.47E-08	4.29E-09	2.73E-04	8.60E-08	2.50E-08	2.14E-05	6.75E-09	1.96E-09
4224	475863.09, 3856377.25	2.27E-04	7.16E-08	2.08E-08	2.86E-05	9.02E-09	2.62E-09	2.32E-04	7.31E-08	2.13E-08	3.30E-05	1.04E-08	3.03E-09	2.20E-04	6.95E-08	2.02E-08	1.52E-05	4.79E-09	1.39E-09
4225	476363.09, 3856377.25	2.25E-04	7.11E-08	2.07E-08	2.71E-05	8.54E-09	2.48E-09	2.30E-04	7.25E-08	2.11E-08	3.12E-05	9.85E-09	2.87E-09	2.19E-04	6.93E-08	2.01E-08	1.44E-05	4.55E-09	1.32E-09
4226	476863.09, 3856377.25	2.36E-04	7.45E-08	2.17E-08	2.80E-05	8.83E-09	2.57E-09	2.41E-04	7.60E-08	2.21E-08	3.23E-05	1.02E-08	2.96E-09	2.30E-04	7.26E-08	2.11E-08	1.49E-05	4.70E-09	1.37E-09
4227	477363.09, 3856377.25	2.53E-04	8.00E-08	2.33E-08	3.03E-05	9.57E-09	2.78E-09	2.59E-04	8.16E-08	2.37E-08	3.50E-05	1.10E-08	3.21E-09	2.47E-04	7.80E-08	2.27E-08	1.61E-05	5.09E-09	1.48E-09
4228	477863.09, 3856377.25	2.37E-04	7.48E-08	2.18E-08	2.48E-05	7.83E-09	2.28E-09	2.41E-04	7.61E-08	2.21E-08	2.86E-05	9.02E-09	2.62E-09	2.33E-04	7.35E-08	2.14E-08	1.33E-05	4.20E-09	1.22E-09
4229	478363.09, 3856377.25	2.33E-04	7.37E-08	2.14E-08	2.25E-05	7.11E-09	2.07E-09	2.37E-04	7.48E-08	2.18E-08	2.59E-05	8.19E-09	2.38E-09	2.30E-04	7.27E-08	2.12E-08	1.21E-05	3.83E-09	1.11E-09
4230	478863.09, 3856377.25	3.46E-04	1.09E-07	3.18E-08	4.48E-05	1.41E-08	4.11E-09	3.54E-04	1.12E-07	3.25E-08	5.18E-05	1.63E-08	4.75E-09	3.36E-04	1.06E-07	3.08E-08	2.38E-05	7.50E-09	2.18E-09
4231	479363.09, 3856377.25	4.26E-04	1.35E-07	3.91E-08	5.99E-05	1.89E-08	5.50E-09	4.37E-04	1.38E-07	4.01E-08	6.92E-05	2.18E-08	6.35E-09	4.11E-04	1.30E-07	3.77E-08	3.17E-05	1.00E-08	2.91E-09
4232	479863.09, 3856377.25	6.25E-04	1.97E-07	5.74E-08	1.03E-04	3.26E-08	9.49E-09	6.43E-04	2.03E-07	5.90E-08	1.19E-04	3.77E-08	1.10E-08	5.93E-04	1.87E-07	5.44E-08	5.44E-05	1.72E-08	4.99E-09
4233	480363.09, 3856377.25	8.88E-04	2.80E-07	8.15E-08	1.56E-04	4.92E-08	1.43E-08	9.14E-04	2.89E-07	8.40E-08	1.80E-04	5.69E-08	1.65E-08	8.38E-04	2.64E-07	7.69E-08	8.18E-05	2.58E-08	7.51E-09
4234	480863.09, 3856377.25	1.20E-03	3.80E-07	1.10E-07	2.05E-04	6.47E-08	1.88E-08	1.24E-03	3.91E-07	1.14E-07	2.37E-04	7.49E-08	2.18E-08	1.14E-03	3.60E-07	1.05E-07	1.07E-04	3.39E-08	9.85E-09
4235	481363.09, 3856377.25	1.73E-03	5.45E-07	1.59E-07	2.63E-04	8.31E-08	2.42E-08	1.77E-03	5.60E-07	1.63E-07	3.05E-04	9.62E-08	2.80E-08	1.66E-03	5.24E-07	1.52E-07	1.38E-04	4.35E-08	1.26E-08
4236	481863.09, 3856377.25	2.99E-03	9.45E-07	2.75E-07	3.27E-04	1.03E-07	3.00E-08	3.05E-03	9.63E-07	2.80E-07	3.79E-04	1.19E-07	3.47E-08	2.96E-03	9.33E-07	2.71E-07	1.71E-04	5.39E-08	1.57E-08
4237	482363.09, 3856377.25	5.29E-03	1.67E-06	4.86E-07	3.86E-04	1.22E-07	3.54E-08	5.36E-03	1.69E-06	4.92E-07	4.47E-04	1.41E-07	4.10E-08	5.35E-03	1.69E-06	4.91E-07	2.02E-04	6.37E-08	1.85E-08
4238	482863.09, 3856377.25	8.35E-03	2.63E-06	7.66E-07	4.86E-04	1.53E-07	4.46E-08	8.43E-03	2.66E-06	7.74E-07	5.62E-04	1.77E-07	5.16E-08	8.51E-03	2.69E-06	7.81E-07	2.54E-04	8.01E-08	2.33E-08
4239	483363.09, 3856377.25	2.66E-02	8.40E-06	2.44E-06	6.29E-04	1.98E-07	5.77E-08	2.67E-02	8.43E-06	2.45E-06	7.28E-04	2.30E-07	6.68E-08	2.77E-02	8.74E-06	2.54E-06	3.29E-04	1.04E-07	3.02E-08
4240	483863.09, 3856377.25	5.55E-02	1.75E-05	5.09E-06	8.68E-04	2.74E-07	7.97E-08	5.56E-02	1.76E-05	5.11E-06	1.00E-03	3.17E-07	9.21E-08	5.80E-02	1.83E-05	5.33E-06	4.57E-04	1.44E-07	4.20E-08
4241	484363.09, 3856377.25	5.55E-02	1.75E-05	5.10E-06	1.24E-03	3.90E-07	1.13E-07	5.57E-02	1.76E-05	5.11E-06	1.43E-03	4.51E-07	1.31E-07	5.78E-02	1.82E-05	5.31E-06	6.51E-04	2.06E-07	5.98E-08
4242	484863.09, 3856377.25	2.77E-02	8.74E-06	2.54E-06	1.86E-03	5.88E-07	1.71E-07	2.80E-02	8.84E-06	2.57E-06	2.16E-03	6.80E-07	1.98E-07	2.81E-02	8.85E-06	2.58E-06	9.81E-04	3.10E-07	9.01E-08
4243	485363.09, 3856377.25	1.98E-02	6.26E-06	1.82E-06	3.43E-03	1.08E-06	3.15E-07	2.04E-02	6.45E-06	1.88E-06	3.97E-03	1.25E-06	3.65E-07	1.88E-02	5.94E-06	1.73E-06	1.79E-03	5.65E-07	1.64E-07
4244	485863.09, 3856377.25	3.05E-02	9.63E-06	2.80E-06	1.76E-02	5.57E-06	1.62E-06	3.36E-02	1.06E-05	3.08E-06	2.04E-02	6.45E-06	1.88E-06	2.14E-02	6.75E-06	1.96E-06	9.17E-03	2.89E-06	8.42E-07
4245	486363.09, 3856377.25	3.04E-02	9.60E-06	2.79E-06	2.10E-02	6.63E-06	1.93E-06	3.40E-02	1.07E-05	3.12E-06	2.43E-02	7.67E-06	2.23E-06	1.92E-02	6.06E-06	1.76E-06	1.09E-02	3.44E-06	1.00E-06
4246	486863.09, 3856377.25	1.66E-02	5.25E-06	1.53E-06	9.30E-03	2.93E-06	8.53E-07	1.82E-02	5.75E-06	1.67E-06	1.08E-02	3.40E-06	9.88E-07	1.18E-02	3.73E-06	1.09E-06	4.83E-03	1.53E-06	4.44E-07
4247	487363.09, 3856377.25	1.27E-02	4.02E-06	1.17E-06	6.22E-03	1.96E-06	5.71E-07	1.38E-02	4.36E-06	1.27E-06	7.20E-03	2.27E-06	6.61E-07	9.61E-03	3.03E-06	8.82E-07	3.23E-03	1.02E-06	2.97E-07
4248	487863.09, 3856377.25	1.06E-02	3.36E-06	9.76E-07	4.62E-03	1.46E-06	4.24E-07	1.14E-02	3.61E-06	1.05E-06	5.35E-03	1.69E-06	4.91E-07	8.38E-03	2.64E-06	7.69E-07	2.40E-03	7.58E-07	2.21E-07
4249	488363.09, 3856377.25	9.00E-03	2.84E-06	8.26E-07	3.55E-03	1.12E-06	3.26E-07	9.61E-03	3.03E-06	8.82E-07	4.12E-03	1.30E-06	3.78E-07	7.31E-03	2.31E-06	6.71E-07	1.85E-03	5.83E-07	1.70E-07
4250	488863.09, 3856377.25	7.79E-03	2.46E-06	7.15E-07	2.80E-03	8.84E-07	2.57E-07	8.27E-03	2.61E-06	7.60E-07	3.24E-03	1.02E-06	2.98E-07	6.50E-03	2.05E-06	5.96E-07	1.46E-03	4.60E-07	1.34E-07
4251	489363.09, 3856377.25	6.88E-03	2.17E-06	6.32E-07	2.26E-03	7.12E-07	2.07E-07	7.27E-03	2.29E-06	6.67E-07	2.61E-03	8.24E-07	2.40E-07	5.87E-03	1.85E-06	5.39E-07	1.17E-03	3.71E-07	1.08E-07
4252	489863.09, 3856377.25	6.23E-03	1.97E-06	5.72E-07	1.86E-03	5.86E-07	1.70E-07	6.55E-03	2.07E-06	6.01E-07	2.15E-03	6.78E-07	1.97E-07	5.42E-03	1.71E-06	4.97E-07	9.67E-04	3.05E-07	8.88E-08
4253	490363.09, 3856377.25	5.62E-03	1.77E-06	5.16E-07	1.55E-03	4.90E-07	1.43E-07	5.89E-03	1.86E-06	5.40E-07	1.80E-03	5.68E-07	1.65E-07	4.96E-03	1.57E-06	4.55E-07	8.10E-04	2.56E-07	7.44E-08
4254	490863.09, 3856377.25	5.16E-03	1.63E-06	4.73E-07	1.32E-03	4.16E-07	1.21E-07	5.38E-03	1.70E-06	4.94E-07	1.53E-03	4.82E-07	1.40E-07	4.61E-03	1.46E-06	4.23E-07	6.89E-04	2.17E-07	6.32E-08
4255	491363.09, 3856377.25	4.79E-03	1.51E-06	4.39E-07	1.14E-03	3.58E-07	1.04E-07	4.98E-03	1.57E-06	4.57E-07	1.31E-03	4.15E-07	1.21E-07	4.33E-03	1.37E-06	3.98E-07	5.94E-04	1.87E-07	5.45E-08
4256	491863.09, 3856377.25	4.42E-03	1.39E-06	4.05E-07	9.84E-04	3.11E-07	9.03E-08	4.58E-03	1.45E-06	4.21E-07	1.14E-03	3.59E-07	1.04E-07	4.03E-03	1.27E-06	3.70E-07	5.15E-04	1.63E-07	4.73E-08
4257	492363.09, 3856377.25	3.98E-03	1.26E-06	3.65E-07	8.48E-04	2.68E-07	7.79E-08	4.12E-03	1.30E-06	3.78E-07	9.81E-04	3.10E-07	9.01E-08	3.65E-03	1.15E-06	3.35E-07	4.45E-04	1.40E-07	4.09E-08
4258	492863.09, 3856377.25	3.32E-03	1.05E-06	3.05E-07	6.87E-04	2.17E-07	6.31E-08	3.44E-03	1.08E-06	3.16E-07	7.94E-04	2.51E-07	7.29E-08	3.06E-03	9.65E-07	2.81E-07	3.61E-04	1.14E-07	3.31E-08
4259	493363.09, 3856377.25	2.35E-03	7.40E-07	2.15E-07	4.35E-04	1.37E-07	3.99E-08	2.42E-03	7.64E-07	2.22E-07	5.02E-04	1.59E-07	4.61E-08	2.19E-03	6.90E-07	2.01E-07	2.29E-04	7.24E-08	2.11E-08
4260	493863.09, 3856377.25	1.96E-03	6.18E-07	1.80E-07	3.25E-04	1.03E-07	2.99E-08	2.01E-03	6.36E-07	1.85E-07	3.76E-04	1.19E-07	3.45E-08	1.85E-03	5.83E-07	1.70E-07	1.72E-04	5.44E-08	1.58E-08
4261	494363.09, 3856377.25	1.59E-03	5.01E-07	1.46E-07	2.29E-04	7.22E-08	2.10E-08	1.62E-03	5.13E-07	1.49E-07	2.64E-04	8.33E-08	2.42E-08	1.52E-03	4.78E-07	1.39E-07	1.22E-04	3.85E-08	1.12E-08
4262	494863.09, 3856377.25	1.31E-03	4.15E-07	1.21E-07	1.67E-04	5.28E-08	1.54E-08	1.34E-03	4.23E-07	1.23E-07	1.93E-04	6.09E-08	1.77E-08	1.27E-03	4.00E-07	1.16E-07	8.97E-05	2.83E-08	8.24E-09
4263	495363.09, 3856377.25	1.13E-03	3.57E-07	1.04E-07	1.33E-04	4.20E-08	1.22E-08	1.15E-03	3.64E-07	1.06E-07	1.53E-04	4.84E-08	1.41E-08	1.10E-03	3.46E-07	1.01E-07	7.16E-05	2.26E-08	6.57E-09
4264	495863.09, 3856377.25	1.09E-03	3.43E-07	9.98E-08	1.23E-04	3.90E-08	1.13E-08	1.11E-03	3.50E-07	1.02E-07	1.42E-04	4.49E-08	1.31E-08	1.06E-03	3.34E-07	9.70E-08	6.66E-05	2.10E-08	6.11E-09
4265	496363.09, 3856377.25	1.08E-03	3.42E-07	9.95E-08	1.21E-04	3.82E-08	1.11E-08	1.10E-03	3.49E-07	1.01E-07	1.40E-04	4.40E-08	1.28E-08	1.06E-03	3.33E-07	9.69E-08	6.53E-05	2.06E-08	6.00E-09
4266	496863.09, 3856377.25	1.13E-03	3.56E-07	1.04E-07	1.26E-04	3.99E-08	1.16E-08	1.15E-03	3.63E-07	1.06E-07	1.46E-04	4.59E-08	1.34E-08	1.10E-03	3.47E-07	1.01E-07	6.80E-05	2.15E-08	6.25E-09
4267	497363.09, 3856377.25	1.16E-03	3.68E-07	1.07E-07	1.31E-04	4.14E-08	1.20E-08	1.19E-03	3.74E-07	1.09E-07	1.51E-04	4.77E-08	1.39E-08	1.13E-03	3.58E-07	1.04E-07	7.05E-05	2.23E-08	6.47E-09
4268	497863.09, 3856377.25	1.22E-03	3.84E-07	1.12E-07	1.40E-04	4.42E-08	1.29E-08	1.24E-03	3.91E-07	1.14E-07	1.61E-04	5.09E-08	1.48E-08	1.18E-03	3.74E-07	1.09E-07	7.52E-05	2.37E-08	6.90E-09
4269	498363.09, 3856377.25	1.29E-03	4.08E-07	1.19E-07	1.53E-04	4.84E-08	1.41E-08	1.32E-03	4.16E-07	1.21E-07	1.77E-04	5.58E-08	1.62E-08	1.26E-03	3.96E-07	1.15E-07	8.21E-05	2.59E-08	7.53E-09
4270	471363.09, 3856877.25	2.56E-04	8.07E-08	2.35E-08	3.29E-05	1.04E-08	3.02E-09	2.61E-04	8.25E-08	2.40E-08	3.80E-05	1.20E-08	3.49E-09	2.48E-04	7.84E-08	2.28E-08	1.73E-05	5.47E-09	1.59E-09
4271	471863.09, 3856877.25	2.62E-04	8.26E-08	2.40E-08	3.43E-05	1.08E-08	3.15E-09	2.68E-04	8.44E-08	2.46E-08	3.96E-05	1.25E-08	3.64E-09	2.54E-04	8.01E-08	2.33E-08	1.81E-05	5.71E-09	1.66E-09
4272	472363.09, 3856877.25	2.79E-04	8.80E-08	2.56E-08	3.68E-05	1.16E-08	3.38E-09	2.85E-04	9.00E-08	2.62E-08	4.25E-05	1.34E-08	3.91E-09	2.70E-04	8.53E-08	2.48E-08	1.94E-05	6.13E-09	1.78E-09
4273	472863.09, 3856877.25	2.97E-04	9.36E-08	2.72E-08	3.95E-05	1.25E-08	3.63E-09	3.03E-04	9.57E-08	2.78E-08	4.56E-05	1.44E-08	4.19E-09	2.87E-04	9.07E-08	2.64E-08	2.08E-05	6.57E-09	1.91E-09
4274	473363.09, 3856877.25	3.33E-04	1.05E-07	3.06E-08	4.38E-05	1.38E-08	4.02E-09	3.41E-04	1.08E-07	3.13E-08	5.06E-05	1.60E-08	4.65E-09	3.23E-04	1.02E-07	2.97E-08	2.31E-05	7.28E-09	2.12E-09
4275	473863.09, 3856877.25	3.54E-04	1.12E-07	3.25E-08	4.69E-05	1.48E-08	4.31E-09	3.62E-04	1.14E-07	3.33E-08	5.43E-05	1.71E-08	4.98E-09	3.44E-04	1.08E-07	3.15E-08	2.47E-05	7.80E-09	2.27E-09
4276	474363.09, 3856877.25	3.42E-04	1.08E-07	3.14E-08	4.75E-05	1.50E-08	4.36E-09	3.50E-04	1.11E-07	3.22E-08	5.49E-05	1.73E-08	5.04E-09	3.31E-04	1.04E-07	3.03E-08	2.50E-05	7.89E-09	2.30E-09
4277	474863.09, 3856877.25	3.25E-04	1.02E-07	2.98E-08	4.64E-05	1.46E-08	4.26E-09	3.32E-04	1.05E-07	3.05E-08	5.36E-05	1.69E-08	4.92E-09	3.12E-04	9.86E-08	2.87E-08	2.45E-05	7.73E-09	2.25E-09
4278	475363.09, 3856877.25	2.87E-04	9.06E-08	2.64E-08	4.12E-05	1.30E-08	3.78E-09	2.94E-04	9.28E-08	2.70E-08	4.76E-05	1.50E-08	4.37E-09	2.76E-04	8.71E-08	2.53E-08	2.18E-05	6.87E-09	2.00E-09
4279	475863.09, 3856877.25	2.92E-04	9.22E-08	2.68E-08	4.19E-05	1.32E-08	3.84E-09	2.99E-04	9.45E-08	2.75E-08	4.84E-05	1.53E-08	4.44E-09	2.81E-04	8.87E-08	2.58E-08	2.21E-05	6.98E-09	2.03E-09
4280	476363.09, 3856877.25	2.72E-04	8.57E-08	2.49E-08	3.69E-05	1.16E-08	3.39E-09	2.78E-04	8.77E-08	2.55E-08	4.26E-05	1.35E-08	3.91E-09	2.62E-04	8.28E-08	2.41E-08	1.95E-05	6.17E-09	1.79E-09
4281	476863.09, 3856877.25	2.71E-04	8.57E-08	2.49E-08	3.58E-05	1.13E-08	3.28E-09	2.77E-04	8.76E-08	2.55E-08	4.13E-05	1.30E-08	3.79E-09	2.63E-04	8.29E-08	2.41E-08	1.90E-05	5.98E-09	1.74E-09
4282	477363.09, 3856877.25	2.59E-04	8.19E-08	2.38E-08	3.19E-05	1.01E-08	2.93E-09	2.65E-04	8.36E-08	2.43E-08	3.68E-05	1.16E-08	3.38E-09	2.52E-04	7.97E-08	2.32E-08	1.69E-05	5.35E-09	1.56E-09
4283	477863.09, 3856877.25	2.20E-04	6.94E-08	2.02E-08	2.21E-05	6.97E-09	2.03E-09	2.23E-04	7.05E-08	2.05E-08	2.55E-05	8.03E-09	2.34E-09	2.17E-04	6.84E-08	1.99E-08	1.19E-05	3.74E-09	1.09E-09
4284	478363.09, 3856877.25	2.15E-04	6.79E-08	1.98E-08	2.00E-05	6.31E-09	1.84E-09	2.19E-04	6.90E-08	2.01E-08	2.30E-05	7.27E-09	2.11E-09	2.13E-04	6.73E-08	1.96E-08	1.08E-05	3.40E-09	9.90E-10
4285	478863.09, 3856877.25	2.54E-04	8.01E-08	2.33E-08	2.58E-05	8.13E-09	2.36E-09	2.58E-04	8.14E-08	2.37E-08	2.97E-05	9.37E-09	2.73E-09	2.50E-04	7.89E-08	2.29E-08	1.38E-05	4.36E-09	1.27E-09
4286	479363.09, 3856877.25	3.10E-04	9.77E-08	2.84E-08	3.53E-05	1.11E-08	3.24E-09	3.16E-04	9.96E-08	2.90E-08	4.08E-05	1.29E-08	3.74E-09	3.03E-04	9.56E-08	2.78E-08	1.88E-05	5.94E-09	1.73E-09

4287	479863.09, 3856877.25	5.90E-04	1.86E-07	5.42E-08	9.54E-05	3.01E-08	8.76E-09	6.06E-04	1.91E-07	5.57E-08	1.10E-04	3.48E-08	1.01E-08	5.61E-04	1.77E-07	5.15E-08	5.03E-05	1.59E-08	4.61E-09
4288	480363.09, 3856877.25	8.87E-04	2.80E-07	8.14E-08	1.56E-04	4.91E-08	1.43E-08	9.14E-04	2.88E-07	8.39E-08	1.80E-04	5.68E-08	1.65E-08	8.37E-04	2.64E-07	7.68E-08	8.16E-05	2.58E-08	7.50E-09
4289	480863.09, 3856877.25	1.29E-03	4.08E-07	1.19E-07	2.11E-04	6.65E-08	1.93E-08	1.33E-03	4.19E-07	1.22E-07	2.44E-04	7.70E-08	2.24E-08	1.23E-03	3.89E-07	1.13E-07	1.10E-04	3.48E-08	1.01E-08
4290	481363.09, 3856877.25	1.87E-03	5.91E-07	1.72E-07	2.65E-04	8.35E-08	2.43E-08	1.92E-03	6.05E-07	1.76E-07	3.06E-04	9.67E-08	2.81E-08	1.81E-03	5.71E-07	1.66E-07	1.38E-04	4.36E-08	1.27E-08
4291	481863.09, 3856877.25	2.54E-03	8.00E-07	2.33E-07	3.18E-04	1.00E-07	2.92E-08	2.59E-03	8.18E-07	2.38E-07	3.68E-04	1.16E-07	3.38E-08	2.48E-03	7.82E-07	2.27E-07	1.66E-04	5.24E-08	1.52E-08
4292	482363.09, 3856877.25	4.61E-03	1.46E-06	4.24E-07	3.58E-04	1.13E-07	3.29E-08	4.68E-03	1.48E-06	4.29E-07	4.14E-04	1.31E-07	3.80E-08	4.65E-03	1.47E-06	4.27E-07	1.87E-04	5.90E-08	1.72E-08
4293	482863.09, 3856877.25	7.00E-03	2.21E-06	6.43E-07	4.26E-04	1.34E-07	3.91E-08	7.08E-03	2.23E-06	6.50E-07	4.93E-04	1.56E-07	4.52E-08	7.13E-03	2.25E-06	6.54E-07	2.22E-04	7.02E-08	2.04E-08
4294	483363.09, 3856877.25	1.29E-02	4.07E-06	1.18E-06	5.32E-04	1.68E-07	4.89E-08	1.30E-02	4.10E-06	1.19E-06	6.16E-04	1.94E-07	5.66E-08	1.33E-02	4.19E-06	1.22E-06	2.78E-04	8.78E-08	2.55E-08
4295	483863.09, 3856877.25	5.11E-02	1.61E-05	4.69E-06	6.88E-04	2.17E-07	6.32E-08	5.12E-02	1.62E-05	4.70E-06	7.96E-04	2.51E-07	7.31E-08	5.35E-02	1.69E-05	4.91E-06	3.60E-04	1.13E-07	3.30E-08
4296	484363.09, 3856877.25	6.63E-02	2.09E-05	6.08E-06	9.05E-04	2.86E-07	8.30E-08	6.64E-02	2.10E-05	6.10E-06	1.05E-03	3.30E-07	9.61E-08	6.94E-02	2.19E-05	6.37E-06	4.73E-04	1.49E-07	4.34E-08
4297	484863.09, 3856877.25	7.81E-02	2.46E-05	7.17E-06	1.19E-03	3.74E-07	1.09E-07	7.83E-02	2.47E-05	7.18E-06	1.37E-03	4.33E-07	1.26E-07	8.17E-02	2.58E-05	7.50E-06	6.20E-04	1.96E-07	5.69E-08
4298	485363.09, 3856877.25	3.47E-02	1.10E-05	3.19E-06	1.72E-03	5.44E-07	1.58E-07	3.50E-02	1.11E-05	3.22E-06	1.99E-03	6.30E-07	1.83E-07	3.56E-02	1.12E-05	3.27E-06	9.00E-04	2.84E-07	8.26E-08
4299	485863.09, 3856877.25	2.30E-02	7.25E-06	2.11E-06	2.91E-03	9.18E-07	2.67E-07	2.35E-02	7.40E-06	2.15E-06	3.37E-03	1.06E-06	3.09E-07	2.24E-02	7.08E-06	2.06E-06	1.51E-03	4.78E-07	1.39E-07
4300	486363.09, 3856877.25	2.13E-02	6.74E-06	1.96E-06	1.00E-02	3.16E-06	9.19E-07	2.31E-02	7.28E-06	2.12E-06	1.16E-02	3.66E-06	1.06E-06	1.64E-02	5.17E-06	1.50E-06	5.20E-03	1.64E-06	4.77E-07
4301	486863.09, 3856877.25	5.03E-02	1.59E-05	4.61E-06	3.76E-02	1.19E-05	3.46E-06	5.67E-02	1.79E-05	5.21E-06	4.36E-02	1.38E-05	4.00E-06	2.99E-02	9.44E-06	2.75E-06	1.96E-02	6.17E-06	1.80E-06
4302	487363.09, 3856877.25	1.91E-02	6.02E-06	1.75E-06	1.01E-02	3.19E-06	9.27E-07	2.08E-02	6.57E-06	1.91E-06	1.17E-02	3.69E-06	1.07E-06	1.39E-02	4.39E-06	1.28E-06	5.25E-03	1.66E-06	4.82E-07
4303	487863.09, 3856877.25	1.34E-02	4.22E-06	1.23E-06	5.55E-03	1.75E-06	5.09E-07	1.43E-02	4.52E-06	1.31E-06	6.43E-03	2.03E-06	5.90E-07	1.07E-02	3.37E-06	9.81E-07	2.88E-03	9.11E-07	2.65E-07
4304	488363.09, 3856877.25	1.06E-02	3.36E-06	9.77E-07	3.66E-03	1.16E-06	3.36E-07	1.13E-02	3.56E-06	1.03E-06	4.24E-03	1.34E-06	3.90E-07	8.97E-03	2.83E-06	8.23E-07	1.91E-03	6.02E-07	1.75E-07
4305	488863.09, 3856877.25	8.99E-03	2.84E-06	8.25E-07	2.70E-03	8.52E-07	2.48E-07	9.45E-03	2.98E-06	8.68E-07	3.13E-03	9.86E-07	2.87E-07	7.82E-03	2.47E-06	7.18E-07	1.40E-03	4.43E-07	1.29E-07
4306	489363.09, 3856877.25	8.09E-03	2.55E-06	7.42E-07	2.11E-03	6.66E-07	1.94E-07	8.45E-03	2.67E-06	7.76E-07	2.44E-03	7.72E-07	2.24E-07	7.22E-03	2.28E-06	6.63E-07	1.10E-03	3.47E-07	1.01E-07
4307	489863.09, 3856877.25	7.36E-03	2.32E-06	6.76E-07	1.72E-03	5.44E-07	1.58E-07	7.66E-03	2.42E-06	7.03E-07	2.00E-03	6.30E-07	1.83E-07	6.68E-03	2.11E-06	6.13E-07	9.00E-04	2.84E-07	8.27E-08
4308	490363.09, 3856877.25	6.69E-03	2.11E-06	6.14E-07	1.44E-03	4.56E-07	1.33E-07	6.94E-03	2.19E-06	6.37E-07	1.67E-03	5.28E-07	1.53E-07	6.14E-03	1.94E-06	5.64E-07	7.56E-04	2.39E-07	6.94E-08
4309	490863.09, 3856877.25	6.12E-03	1.93E-06	5.62E-07	1.23E-03	3.88E-07	1.13E-07	6.33E-03	2.00E-06	5.81E-07	1.42E-03	4.49E-07	1.31E-07	5.66E-03	1.79E-06	5.20E-07	6.45E-04	2.04E-07	5.92E-08
4310	491363.09, 3856877.25	5.60E-03	1.77E-06	5.14E-07	1.06E-03	3.36E-07	9.77E-08	5.78E-03	1.82E-06	5.31E-07	1.23E-03	3.89E-07	1.13E-07	5.22E-03	1.65E-06	4.79E-07	5.59E-04	1.76E-07	5.13E-08
4311	491863.09, 3856877.25	5.11E-03	1.61E-06	4.69E-07	9.27E-04	2.93E-07	8.51E-08	5.27E-03	1.66E-06	4.83E-07	1.07E-03	3.38E-07	9.84E-08	4.79E-03	1.51E-06	4.39E-07	4.87E-04	1.54E-07	4.47E-08
4312	492363.09, 3856877.25	4.21E-03	1.33E-06	3.86E-07	7.61E-04	2.40E-07	6.99E-08	4.34E-03	1.37E-06	3.98E-07	8.80E-04	2.78E-07	8.08E-08	3.94E-03	1.24E-06	3.61E-07	4.01E-04	1.27E-07	3.68E-08
4313	492863.09, 3856877.25	3.46E-03	1.09E-06	3.18E-07	5.91E-04	1.87E-07	5.43E-08	3.56E-03	1.12E-06	3.27E-07	6.83E-04	2.16E-07	6.27E-08	3.26E-03	1.03E-06	2.99E-07	3.12E-04	9.86E-08	2.87E-08
4314	493363.09, 3856877.25	2.69E-03	8.49E-07	2.47E-07	4.17E-04	1.32E-07	3.83E-08	2.76E-03	8.71E-07	2.53E-07	4.82E-04	1.52E-07	4.42E-08	2.55E-03	8.06E-07	2.34E-07	2.21E-04	6.98E-08	2.03E-08
4315	493863.09, 3856877.25	2.04E-03	6.45E-07	1.88E-07	2.76E-04	8.70E-08	2.53E-08	2.09E-03	6.59E-07	1.92E-07	3.18E-04	1.00E-07	2.92E-08	1.96E-03	6.20E-07	1.80E-07	1.47E-04	4.64E-08	1.35E-08
4316	494363.09, 3856877.25	1.63E-03	5.14E-07	1.49E-07	1.91E-04	6.03E-08	1.75E-08	1.66E-03	5.24E-07	1.52E-07	2.20E-04	6.95E-08	2.02E-08	1.58E-03	4.99E-07	1.45E-07	1.03E-04	3.24E-08	9.41E-09
4317	494863.09, 3856877.25	1.43E-03	4.52E-07	1.31E-07	1.56E-04	4.94E-08	1.44E-08	1.46E-03	4.60E-07	1.34E-07	1.80E-04	5.69E-08	1.65E-08	1.40E-03	4.40E-07	1.28E-07	8.43E-05	2.66E-08	7.74E-09
4318	495363.09, 3856877.25	1.31E-03	4.13E-07	1.20E-07	1.37E-04	4.33E-08	1.26E-08	1.33E-03	4.20E-07	1.22E-07	1.58E-04	4.98E-08	1.45E-08	1.28E-03	4.04E-07	1.17E-07	7.41E-05	2.34E-08	6.80E-09
4319	495863.09, 3856877.25	1.27E-03	3.99E-07	1.16E-07	1.31E-04	4.12E-08	1.20E-08	1.29E-03	4.06E-07	1.18E-07	1.50E-04	4.75E-08	1.38E-08	1.24E-03	3.91E-07	1.14E-07	7.05E-05	2.23E-08	6.48E-09
4320	496363.09, 3856877.25	1.24E-03	3.90E-07	1.13E-07	1.27E-04	4.00E-08	1.16E-08	1.26E-03	3.97E-07	1.15E-07	1.46E-04	4.60E-08	1.34E-08	1.21E-03	3.82E-07	1.11E-07	6.83E-05	2.16E-08	6.27E-09
4321	496863.09, 3856877.25	1.24E-03	3.92E-07	1.14E-07	1.27E-04	4.01E-08	1.17E-08	1.26E-03	3.99E-07	1.16E-07	1.46E-04	4.62E-08	1.34E-08	1.22E-03	3.84E-07	1.12E-07	6.86E-05	2.16E-08	6.29E-09
4322	497363.09, 3856877.25	1.27E-03	4.01E-07	1.17E-07	1.33E-04	4.19E-08	1.22E-08	1.29E-03	4.08E-07	1.19E-07	1.53E-04	4.82E-08	1.40E-08	1.24E-03	3.93E-07	1.14E-07	7.14E-05	2.25E-08	6.55E-09
4323	497863.09, 3856877.25	1.36E-03	4.30E-07	1.25E-07	1.48E-04	4.68E-08	1.36E-08	1.39E-03	4.37E-07	1.27E-07	1.71E-04	5.40E-08	1.57E-08	1.33E-03	4.20E-07	1.22E-07	7.95E-05	2.51E-08	7.30E-09
4324	498363.09, 3856877.25	1.48E-03	4.66E-07	1.36E-07	1.68E-04	5.29E-08	1.54E-08	1.50E-03	4.75E-07	1.38E-07	1.93E-04	6.10E-08	1.77E-08	1.44E-03	4.55E-07	1.32E-07	8.96E-05	2.83E-08	8.22E-09
4325	471363.09, 3857377.25	2.62E-04	8.27E-08	2.41E-08	3.37E-05	1.06E-08	3.09E-09	2.68E-04	8.45E-08	2.46E-08	3.89E-05	1.23E-08	3.57E-09	2.55E-04	8.03E-08	2.34E-08	1.78E-05	5.61E-09	1.63E-09
4326	471863.09, 3857377.25	2.67E-04	8.44E-08	2.45E-08	3.49E-05	1.10E-08	3.21E-09	2.73E-04	8.62E-08	2.51E-08	4.03E-05	1.27E-08	3.70E-09	2.59E-04	8.18E-08	2.38E-08	1.84E-05	5.82E-09	1.69E-09
4327	472363.09, 3857377.25	2.82E-04	8.89E-08	2.59E-08	3.70E-05	1.17E-08	3.39E-09	2.88E-04	9.09E-08	2.64E-08	4.27E-05	1.35E-08	3.92E-09	2.73E-04	8.62E-08	2.51E-08	1.95E-05	6.16E-09	1.79E-09
4328	472863.09, 3857377.25	3.02E-04	9.52E-08	2.77E-08	3.96E-05	1.25E-08	3.64E-09	3.08E-04	9.73E-08	2.83E-08	4.58E-05	1.44E-08	4.20E-09	2.92E-04	9.23E-08	2.68E-08	2.09E-05	6.59E-09	1.92E-09
4329	473363.09, 3857377.25	3.29E-04	1.04E-07	3.02E-08	4.30E-05	1.36E-08	3.95E-09	3.37E-04	1.06E-07	3.09E-08	4.97E-05	1.57E-08	4.56E-09	3.20E-04	1.01E-07	2.93E-08	2.27E-05	7.16E-09	2.08E-09
4330	473863.09, 3857377.25	3.66E-04	1.15E-07	3.36E-08	4.70E-05	1.48E-08	4.32E-09	3.74E-04	1.18E-07	3.43E-08	5.43E-05	1.71E-08	4.99E-09	3.56E-04	1.12E-07	3.26E-08	2.48E-05	7.82E-09	2.27E-09
4331	474363.09, 3857377.25	3.40E-04	1.07E-07	3.12E-08	4.65E-05	1.47E-08	4.27E-09	3.47E-04	1.10E-07	3.19E-08	5.37E-05	1.70E-08	4.93E-09	3.28E-04	1.04E-07	3.01E-08	2.45E-05	7.73E-09	2.25E-09
4332	474863.09, 3857377.25	2.69E-04	8.50E-08	2.47E-08	3.80E-05	1.20E-08	3.49E-09	2.76E-04	8.70E-08	2.53E-08	4.39E-05	1.39E-08	4.03E-09	2.59E-04	8.18E-08	2.38E-08	2.01E-05	6.34E-09	1.84E-09
4333	475363.09, 3857377.25	2.11E-04	6.67E-08	1.94E-08	2.68E-05	8.46E-09	2.46E-09	2.16E-04	6.81E-08	1.98E-08	3.10E-05	9.77E-09	2.84E-09	2.05E-04	6.47E-08	1.88E-08	1.42E-05	4.49E-09	1.31E-09
4334	475863.09, 3857377.25	2.07E-04	6.54E-08	1.90E-08	2.50E-05	7.90E-09	2.30E-09	2.12E-04	6.68E-08	1.94E-08	2.89E-05	9.12E-09	2.65E-09	2.02E-04	6.37E-08	1.85E-08	1.33E-05	4.20E-09	1.22E-09
4335	476363.09, 3857377.25	2.52E-04	7.96E-08	2.32E-08	3.34E-05	1.05E-08	3.06E-09	2.58E-04	8.14E-08	2.37E-08	3.85E-05	1.22E-08	3.54E-09	2.44E-04	7.71E-08	2.24E-08	1.77E-05	5.58E-09	1.62E-09
4336	476863.09, 3857377.25	2.69E-04	8.48E-08	2.47E-08	3.57E-05	1.13E-08	3.28E-09	2.75E-04	8.67E-08	2.52E-08	4.12E-05	1.30E-08	3.78E-09	2.60E-04	8.21E-08	2.39E-08	1.89E-05	5.97E-09	1.74E-09
4337	477363.09, 3857377.25	2.53E-04	8.00E-08	2.33E-08	3.17E-05	9.99E-09	2.91E-09	2.59E-04	8.16E-08	2.37E-08	3.65E-05	1.15E-08	3.35E-09	2.46E-04	7.77E-08	2.26E-08	1.68E-05	5.31E-09	1.54E-09
4338	477863.09, 3857377.25	2.23E-04	7.03E-08	2.05E-08	2.39E-05	7.53E-09	2.19E-09	2.27E-04	7.16E-08	2.08E-08	2.75E-05	8.68E-09	2.53E-09	2.19E-04	6.91E-08	2.01E-08	1.28E-05	4.03E-09	1.17E-09
4339	478363.09, 3857377.25	2.03E-04	6.40E-08	1.86E-08	1.83E-05	5.78E-09	1.68E-09	2.06E-04	6.49E-08	1.89E-08	2.11E-05	6.65E-09	1.93E-09	2.01E-04	6.34E-08	1.84E-08	9.90E-06	3.12E-09	9.09E-10
4340	478863.09, 3857377.25	1.95E-04	6.17E-08	1.79E-08	1.58E-05	4.98E-09	1.45E-09	1.98E-04	6.25E-08	1.82E-08	1.81E-05	5.72E-09	1.66E-09	1.95E-04	6.15E-08	1.79E-08	8.59E-06	2.71E-09	7.89E-10
4341	479363.09, 3857377.25	2.60E-04	8.21E-08	2.39E-08	2.59E-05	8.17E-09	2.38E-09	2.64E-04	8.34E-08	2.43E-08	2.98E-05	9.42E-09	2.74E-09	2.56E-04	8.10E-08	2.35E-08	1.39E-05	4.39E-09	1.28E-09
4342	479863.09, 3857377.25	5.05E-04	1.59E-07	4.64E-08	7.76E-05	2.45E-08	7.12E-09	5.18E-04	1.64E-07	4.76E-08	8.97E-05	2.83E-08	8.23E-09	4.83E-04	1.52E-07	4.43E-08	4.09E-05	1.29E-08	3.76E-09
4343	480363.09, 3857377.25	4.57E-04	1.44E-07	4.20E-08	6.36E-05	2.01E-08	5.84E-09	4.68E-04	1.48E-07	4.30E-08	7.35E-05	2.32E-08	6.75E-09	4.41E-04	1.39E-07	4.05E-08	3.36E-05	1.06E-08	3.09E-09
4344	480863.09, 3857377.25	1.29E-03	4.09E-07	1.19E-07	2.09E-04	6.59E-08	1.92E-08	1.33E-03	4.20E-07	1.22E-07	2.42E-04	7.63E-08	2.22E-08	1.24E-03	3.90E-07	1.13E-07	1.09E-04	3.45E-08	1.00E-08
4345	481363.09, 3857377.25	1.44E-03	4.56E-07	1.33E-07	2.38E-04	7.51E-08	2.18E-08	1.48E-03	4.69E-07	1.36E-07	2.75E-04	8.69E-08	2.53E-08	1.37E-03	4.34E-07	1.26E-07	1.24E-04	3.92E-08	1.14E-08
4346	481863.09, 3857377.25	2.05E-03	6.47E-07	1.88E-07	2.87E-04	9.07E-08	2.64E-08	2.10E-03	6.63E-07	1.93E-07	3.33E-04	1.05E-07	3.05E-08	1.99E-03	6.27E-07	1.82E-07	1.50E-04	4.74E-08	1.38E-08
4347	482363.09, 3857377.25	3.73E-03	1.18E-06	3.42E-07	3.28E-04	1.04E-07	3.01E-08	3.79E-03	1.19E-06	3.48E-07	3.80E-04	1.20E-07	3.49E-08	3.73E-03	1.18E-06	3.43E-07	1.71E-04	5.40E-08	1.57E-08
4348	482863.09, 3857377.25	5.30E-03	1.67E-06	4.86E-07	3.75E-04	1.18E-07	3.44E-08	5.36E-03	1.69E-06	4.92E-07	4.34E-04	1.37E-07	3.99E-08	5.36E-03	1.69E-06	4.92E-07	1.96E-04	6.18E-08	1.80E-08
4349	483363.09, 3857377.25	7.40E-03	2.34E-06	6.79E-07	4.50E-04	1.42E-07	4.13E-08	7.48E-03	2.36E-06	6.87E-07	5.21E-04	1.64E-07	4.78E-08	7.53E-03	2.38E-06	6.92E-07	2.35E-04	7.42E-08	2.16E-08
4350	483863.09, 3857377.25	1.09E-02	3.43E-06	9.99E-07	5.49E-04	1.73E-07	5.04E-08	1.10E-02	3.46E-06	1.01E-06	6.36E-04	2.01E-07	5.84E-08	1.11E-02	3.52E-06	1.02E-06	2.87E-04	9.05E-08	2.63E-08
4351	484363.09, 3857377.25	1.72E-02	5.43E-06	1.58E-06	6.70E-04	2.11E-07	6.15E-08	1.73E-02	5.47E-06	1.59E-06	7.75E-04	2.45E-07	7.12E-08	1.78E-02	5.60E-06	1.63E-06	3.49E-04	1.10E-07	3.21E-08
4352	484863.09, 3857377.25	3.03E-02	9.57E-06	2.78E-06	8.17E-04	2.58E-07	7.50E-08	3.05E-02	9.62E-06	2.80E-06	9.46E-04	2.99E-07	8.68E-08	3.15E-02	9.95E-06	2.89E-06	4.26E-04	1.34E-07	3.91E-08

4353 485363.09, 3857377.25	7.28E-02	2.30E-05	6.68E-06	1.02E-03	3.20E-07	9.32E-08	7.30E-02	2.30E-05	6.70E-06	1.18E-03	3.71E-07	1.08E-07	7.62E-02	2.41E-05	7.00E-06	5.29E-04	1.67E-07	4.86E-08
4354 485863.09, 3857377.25	4.29E-02	1.35E-05	3.94E-06	1.31E-03	4.14E-07	1.20E-07	4.32E-02	1.36E-05	3.96E-06	1.52E-03	4.79E-07	1.39E-07	4.45E-02	1.40E-05	4.09E-06	6.83E-04	2.16E-07	6.27E-08
4355 486363.09, 3857377.25	2.07E-02	6.54E-06	1.90E-06	1.96E-03	6.18E-07	1.80E-07	2.11E-02	6.65E-06	1.93E-06	2.27E-03	7.16E-07	2.08E-07	2.07E-02	6.52E-06	1.90E-06	1.02E-03	3.22E-07	9.36E-08
4356 486863.09, 3857377.25	1.41E-02	4.45E-06	1.29E-06	2.99E-03	9.45E-07	2.75E-07	1.46E-02	4.61E-06	1.34E-06	3.47E-03	1.09E-06	3.18E-07	1.30E-02	4.11E-06	1.20E-06	1.56E-03	4.91E-07	1.43E-07
4357 487363.09, 3857377.25	1.30E-02	4.11E-06	1.20E-06	3.11E-03	9.80E-07	2.85E-07	1.36E-02	4.28E-06	1.25E-06	3.60E-03	1.14E-06	3.30E-07	1.18E-02	3.74E-06	1.09E-06	1.62E-03	5.10E-07	1.48E-07
4358 487863.09, 3857377.25	1.19E-02	3.77E-06	1.10E-06	2.65E-03	8.37E-07	2.43E-07	1.24E-02	3.91E-06	1.14E-06	3.07E-03	9.69E-07	2.82E-07	1.10E-02	3.46E-06	1.01E-06	1.38E-03	4.36E-07	1.27E-07
4359 488363.09, 3857377.25	1.07E-02	3.36E-06	9.79E-07	2.18E-03	6.89E-07	2.00E-07	1.10E-02	3.48E-06	1.01E-06	2.53E-03	7.98E-07	2.32E-07	9.89E-03	3.12E-06	9.08E-07	1.14E-03	3.59E-07	1.04E-07
4360 488863.09, 3857377.25	1.04E-02	3.30E-06	9.59E-07	1.82E-03	5.74E-07	1.67E-07	1.08E-02	3.39E-06	9.87E-07	2.10E-03	6.63E-07	1.93E-07	9.85E-03	3.11E-06	9.04E-07	9.53E-04	3.01E-07	8.75E-08
4361 489363.09, 3857377.25	1.00E-02	3.16E-06	9.19E-07	1.54E-03	4.87E-07	1.42E-07	1.03E-02	3.24E-06	9.43E-07	1.78E-03	5.63E-07	1.64E-07	9.53E-03	3.01E-06	8.75E-07	8.14E-04	2.57E-07	7.48E-08
4362 489863.09, 3857377.25	8.98E-03	2.83E-06	8.24E-07	1.34E-03	4.21E-07	1.23E-07	9.20E-03	2.90E-06	8.45E-07	1.54E-03	4.87E-07	1.42E-07	8.58E-03	2.71E-06	7.88E-07	7.05E-04	2.22E-07	6.47E-08
4363 490363.09, 3857377.25	8.01E-03	2.53E-06	7.36E-07	1.16E-03	3.67E-07	1.07E-07	8.21E-03	2.59E-06	7.54E-07	1.34E-03	4.24E-07	1.23E-07	7.68E-03	2.42E-06	7.05E-07	6.15E-04	1.94E-07	5.64E-08
4364 490863.09, 3857377.25	7.26E-03	2.29E-06	6.67E-07	1.02E-03	3.23E-07	9.39E-08	7.43E-03	2.35E-06	6.82E-07	1.18E-03	3.73E-07	1.08E-07	6.98E-03	2.20E-06	6.40E-07	5.40E-04	1.71E-07	4.96E-08
4365 491363.09, 3857377.25	6.64E-03	2.10E-06	6.10E-07	9.05E-04	2.86E-07	8.31E-08	6.80E-03	2.15E-06	6.24E-07	1.05E-03	3.30E-07	9.60E-08	6.40E-03	2.02E-06	5.88E-07	4.79E-04	1.51E-07	4.39E-08
4366 491863.09, 3857377.25	5.87E-03	1.85E-06	5.39E-07	8.02E-04	2.53E-07	7.37E-08	6.01E-03	1.90E-06	5.52E-07	9.27E-04	2.93E-07	8.51E-08	5.66E-03	1.78E-06	5.19E-07	4.25E-04	1.34E-07	3.90E-08
4367 492363.09, 3857377.25	4.53E-03	1.43E-06	4.16E-07	6.40E-04	2.02E-07	5.88E-08	4.64E-03	1.46E-06	4.26E-07	7.39E-04	2.33E-07	6.79E-08	4.34E-03	1.37E-06	3.99E-07	3.40E-04	1.07E-07	3.12E-08
4368 492863.09, 3857377.25	3.34E-03	1.05E-06	3.07E-07	4.42E-04	1.39E-07	4.05E-08	3.42E-03	1.08E-06	3.14E-07	5.10E-04	1.61E-07	4.68E-08	3.22E-03	1.02E-06	2.96E-07	2.35E-04	7.42E-08	2.16E-08
4369 493363.09, 3857377.25	2.49E-03	7.85E-07	2.28E-07	2.95E-04	9.31E-08	2.71E-08	2.54E-03	8.00E-07	2.33E-07	3.40E-04	1.07E-07	3.12E-08	2.42E-03	7.63E-07	2.22E-07	1.58E-04	4.98E-08	1.45E-08
4370 493863.09, 3857377.25	2.14E-03	6.76E-07	1.97E-07	2.38E-04	7.51E-08	2.19E-08	2.18E-03	6.88E-07	2.00E-07	2.74E-04	8.66E-08	2.52E-08	2.09E-03	6.60E-07	1.92E-07	1.28E-04	4.03E-08	1.17E-08
4371 494363.09, 3857377.25	1.82E-03	5.75E-07	1.67E-07	1.88E-04	5.93E-08	1.73E-08	1.85E-03	5.85E-07	1.70E-07	2.17E-04	6.84E-08	1.99E-08	1.79E-03	5.64E-07	1.64E-07	1.01E-04	3.19E-08	9.28E-09
4372 494863.09, 3857377.25	1.66E-03	5.23E-07	1.52E-07	1.65E-04	5.21E-08	1.52E-08	1.69E-03	5.32E-07	1.55E-07	1.90E-04	6.00E-08	1.75E-08	1.63E-03	5.14E-07	1.50E-07	8.89E-05	2.80E-08	8.16E-09
4373 495363.09, 3857377.25	1.53E-03	4.82E-07	1.40E-07	1.48E-04	4.68E-08	1.36E-08	1.55E-03	4.90E-07	1.43E-07	1.71E-04	5.39E-08	1.57E-08	1.50E-03	4.75E-07	1.38E-07	7.99E-05	2.52E-08	7.34E-09
4374 495863.09, 3857377.25	1.47E-03	4.63E-07	1.35E-07	1.42E-04	4.48E-08	1.30E-08	1.49E-03	4.71E-07	1.37E-07	1.63E-04	5.16E-08	1.50E-08	1.45E-03	4.56E-07	1.33E-07	7.64E-05	2.41E-08	7.01E-09
4375 496363.09, 3857377.25	1.42E-03	4.49E-07	1.31E-07	1.38E-04	4.36E-08	1.27E-08	1.45E-03	4.57E-07	1.33E-07	1.59E-04	5.03E-08	1.46E-08	1.40E-03	4.43E-07	1.29E-07	7.44E-05	2.35E-08	6.83E-09
4376 496863.09, 3857377.25	1.40E-03	4.41E-07	1.28E-07	1.37E-04	4.31E-08	1.25E-08	1.42E-03	4.48E-07	1.30E-07	1.57E-04	4.97E-08	1.44E-08	1.38E-03	4.34E-07	1.26E-07	7.34E-05	2.32E-08	6.74E-09
4377 497363.09, 3857377.25	1.42E-03	4.49E-07	1.31E-07	1.43E-04	4.51E-08	1.31E-08	1.45E-03	4.57E-07	1.33E-07	1.65E-04	5.20E-08	1.51E-08	1.40E-03	4.42E-07	1.29E-07	7.67E-05	2.42E-08	7.04E-09
4378 497863.09, 3857377.25	1.48E-03	4.69E-07	1.36E-07	1.54E-04	4.85E-08	1.41E-08	1.51E-03	4.77E-07	1.39E-07	1.77E-04	5.59E-08	1.63E-08	1.46E-03	4.60E-07	1.34E-07	8.23E-05	2.60E-08	7.55E-09
4379 498363.09, 3857377.25	1.70E-03	5.37E-07	1.56E-07	1.87E-04	5.89E-08	1.71E-08	1.73E-03	5.47E-07	1.59E-07	2.15E-04	6.80E-08	1.98E-08	1.67E-03	5.26E-07	1.53E-07	9.95E-05	3.14E-08	9.13E-09
4380 471363.09, 3857877.25	2.70E-04	8.51E-08	2.48E-08	3.50E-05	1.10E-08	3.21E-09	2.76E-04	8.70E-08	2.53E-08	4.04E-05	1.28E-08	3.71E-09	2.62E-04	8.27E-08	2.40E-08	1.84E-05	5.82E-09	1.69E-09
4381 471863.09, 3857877.25	2.77E-04	8.74E-08	2.54E-08	3.64E-05	1.15E-08	3.35E-09	2.83E-04	8.93E-08	2.60E-08	4.21E-05	1.33E-08	3.87E-09	2.68E-04	8.47E-08	2.46E-08	1.92E-05	6.07E-09	1.76E-09
4382 472363.09, 3857877.25	2.91E-04	9.18E-08	2.67E-08	3.85E-05	1.21E-08	3.53E-09	2.97E-04	9.38E-08	2.73E-08	4.45E-05	1.40E-08	4.08E-09	2.82E-04	8.89E-08	2.59E-08	2.03E-05	6.41E-09	1.86E-09
4383 472863.09, 3857877.25	3.17E-04	1.00E-07	2.91E-08	4.16E-05	1.31E-08	3.82E-09	3.24E-04	1.02E-07	2.98E-08	4.80E-05	1.52E-08	4.41E-09	3.08E-04	9.72E-08	2.83E-08	2.19E-05	6.91E-09	2.01E-09
4384 473363.09, 3857877.25	3.35E-04	1.06E-07	3.07E-08	4.41E-05	1.39E-08	4.05E-09	3.42E-04	1.08E-07	3.14E-08	5.10E-05	1.61E-08	4.68E-09	3.24E-04	1.02E-07	2.98E-08	2.32E-05	7.33E-09	2.13E-09
4385 473863.09, 3857877.25	3.65E-04	1.15E-07	3.35E-08	4.76E-05	1.50E-08	4.37E-09	3.73E-04	1.18E-07	3.42E-08	5.50E-05	1.74E-08	5.05E-09	3.54E-04	1.12E-07	3.25E-08	2.51E-05	7.91E-09	2.30E-09
4386 474363.09, 3857877.25	3.31E-04	1.04E-07	3.03E-08	4.64E-05	1.46E-08	4.26E-09	3.38E-04	1.07E-07	3.11E-08	5.36E-05	1.69E-08	4.92E-09	3.19E-04	1.01E-07	2.92E-08	2.45E-05	7.73E-09	2.25E-09
4387 474863.09, 3857877.25	2.52E-04	7.95E-08	2.31E-08	3.62E-05	1.14E-08	3.33E-09	2.58E-04	8.14E-08	2.37E-08	4.19E-05	1.32E-08	3.84E-09	2.42E-04	7.64E-08	2.22E-08	1.92E-05	6.05E-09	1.76E-09
4388 475363.09, 3857877.25	1.75E-04	5.53E-08	1.61E-08	2.01E-05	6.34E-09	1.84E-09	1.78E-04	5.63E-08	1.64E-08	2.32E-05	7.32E-09	2.13E-09	1.71E-04	5.40E-08	1.57E-08	1.07E-05	3.39E-09	9.85E-10
4389 475863.09, 3857877.25	1.19E-04	3.76E-08	1.09E-08	9.36E-06	2.95E-09	8.59E-10	1.21E-04	3.81E-08	1.11E-08	1.08E-05	3.39E-09	9.87E-10	1.19E-04	3.75E-08	1.09E-08	5.14E-06	1.62E-09	4.72E-10
4390 476363.09, 3857877.25	1.98E-04	6.24E-08	1.82E-08	2.32E-05	7.33E-09	2.13E-09	2.02E-04	6.37E-08	1.85E-08	2.68E-05	8.45E-09	2.46E-09	1.93E-04	6.09E-08	1.77E-08	1.24E-05	3.91E-09	1.14E-09
4391 476863.09, 3857877.25	2.32E-04	7.32E-08	2.13E-08	2.95E-05	9.31E-09	2.71E-09	2.37E-04	7.48E-08	2.18E-08	3.40E-05	1.07E-08	3.12E-09	2.25E-04	7.10E-08	2.07E-08	1.57E-05	4.95E-09	1.44E-09
4392 477363.09, 3857877.25	2.37E-04	7.47E-08	2.17E-08	2.93E-05	9.24E-09	2.69E-09	2.42E-04	7.62E-08	2.22E-08	3.38E-05	1.07E-08	3.10E-09	2.30E-04	7.26E-08	2.11E-08	1.56E-05	4.92E-09	1.43E-09
4393 477863.09, 3857877.25	2.39E-04	7.55E-08	2.20E-08	2.80E-05	8.83E-09	2.57E-09	2.44E-04	7.70E-08	2.24E-08	3.23E-05	1.02E-08	2.96E-09	2.33E-04	7.37E-08	2.14E-08	1.49E-05	4.71E-09	1.37E-09
4394 478363.09, 3857877.25	1.82E-04	5.73E-08	1.67E-08	1.50E-05	4.73E-09	1.38E-09	1.84E-04	5.81E-08	1.69E-08	1.72E-05	5.44E-09	1.58E-09	1.81E-04	5.70E-08	1.66E-08	8.17E-06	2.58E-09	7.50E-10
4395 478863.09, 3857877.25	1.69E-04	5.34E-08	1.55E-08	1.23E-05	3.89E-09	1.13E-09	1.71E-04	5.40E-08	1.57E-08	1.41E-05	4.46E-09	1.30E-09	1.69E-04	5.34E-08	1.55E-08	6.78E-06	2.14E-09	6.23E-10
4396 479363.09, 3857877.25	4.57E-04	1.44E-07	4.20E-08	7.29E-05	2.30E-08	6.69E-09	4.70E-04	1.48E-07	4.31E-08	8.42E-05	2.66E-08	7.73E-09	4.35E-04	1.37E-07	3.99E-08	3.84E-05	1.21E-08	3.53E-09
4397 479863.09, 3857877.25	8.39E-04	2.65E-07	7.70E-08	1.43E-04	4.50E-08	1.31E-08	8.63E-04	2.73E-07	7.93E-08	1.65E-04	5.21E-08	1.52E-08	7.95E-04	2.51E-07	7.30E-08	7.48E-05	2.36E-08	6.87E-09
4398 480363.09, 3857877.25	1.12E-03	3.53E-07	1.03E-07	1.72E-04	5.41E-08	1.57E-08	1.15E-03	3.62E-07	1.05E-07	1.98E-04	6.26E-08	1.82E-08	1.07E-03	3.38E-07	9.84E-08	8.98E-05	2.83E-08	8.24E-09
4399 480863.09, 3857877.25	1.29E-03	4.06E-07	1.18E-07	1.93E-04	6.10E-08	1.77E-08	1.32E-03	4.17E-07	1.21E-07	2.24E-04	7.06E-08	2.05E-08	1.24E-03	3.90E-07	1.14E-07	1.01E-04	3.19E-08	9.28E-09
4400 481363.09, 3857877.25	1.49E-03	4.72E-07	1.37E-07	2.21E-04	6.97E-08	2.03E-08	1.53E-03	4.84E-07	1.41E-07	2.55E-04	8.06E-08	2.35E-08	1.44E-03	4.54E-07	1.32E-07	1.15E-04	3.64E-08	1.06E-08
4401 481863.09, 3857877.25	1.84E-03	5.82E-07	1.69E-07	2.55E-04	8.04E-08	2.34E-08	1.89E-03	5.96E-07	1.73E-07	2.95E-04	9.31E-08	2.71E-08	1.79E-03	5.64E-07	1.64E-07	1.33E-04	4.20E-08	1.22E-08
4402 482363.09, 3857877.25	2.79E-03	8.81E-07	2.56E-07	2.97E-04	9.38E-08	2.73E-08	2.84E-03	8.97E-07	2.61E-07	3.44E-04	1.09E-07	3.16E-08	2.76E-03	8.72E-07	2.54E-07	1.55E-04	4.90E-08	1.42E-08
4403 482863.09, 3857877.25	4.22E-03	1.33E-06	3.88E-07	3.23E-04	1.02E-07	2.97E-08	4.28E-03	1.35E-06	3.93E-07	3.74E-04	1.18E-07	3.43E-08	4.25E-03	1.34E-06	3.91E-07	1.69E-04	5.33E-08	1.55E-08
4404 483363.09, 3857877.25	5.14E-03	1.62E-06	4.72E-07	3.77E-04	1.19E-07	3.46E-08	5.21E-03	1.64E-06	4.78E-07	4.36E-04	1.38E-07	4.01E-08	5.19E-03	1.64E-06	4.77E-07	1.97E-04	6.21E-08	1.81E-08
4405 483863.09, 3857877.25	6.26E-03	1.98E-06	5.75E-07	4.39E-04	1.39E-07	4.03E-08	6.34E-03	2.00E-06	5.82E-07	5.08E-04	1.60E-07	4.67E-08	6.34E-03	2.00E-06	5.82E-07	2.29E-04	7.23E-08	2.10E-08
4406 484363.09, 3857877.25	7.55E-03	2.38E-06	6.93E-07	5.10E-04	1.61E-07	4.68E-08	7.63E-03	2.41E-06	7.01E-07	5.90E-04	1.86E-07	5.42E-08	7.65E-03	2.41E-06	7.02E-07	2.66E-04	8.39E-08	2.44E-08
4407 484863.09, 3857877.25	9.40E-03	2.97E-06	8.63E-07	5.84E-04	1.84E-07	5.36E-08	9.50E-03	3.00E-06	8.73E-07	6.76E-04	2.13E-07	6.20E-08	9.56E-03	3.02E-06	8.78E-07	3.05E-04	9.61E-08	2.80E-08
4408 485363.09, 3857877.25	1.20E-02	3.80E-06	1.11E-06	6.57E-04	2.07E-07	6.03E-08	1.22E-02	3.84E-06	1.12E-06	7.61E-04	2.40E-07	6.98E-08	1.23E-02	3.88E-06	1.13E-06	3.43E-04	1.08E-07	3.15E-08
4409 485863.09, 3857877.25	1.79E-02	5.64E-06	1.64E-06	7.37E-04	2.33E-07	6.77E-08	1.80E-02	5.68E-06	1.65E-06	8.54E-04	2.69E-07	7.84E-08	1.84E-02	5.81E-06	1.69E-06	3.85E-04	1.21E-07	3.53E-08
4410 486363.09, 3857877.25	5.83E-02	1.84E-05	5.35E-06	8.13E-04	2.57E-07	7.46E-08	5.85E-02	1.84E-05	5.37E-06	9.41E-04	2.97E-07	8.64E-08	6.11E-02	1.93E-05	5.61E-06	4.25E-04	1.34E-07	3.90E-08
4411 486863.09, 3857877.25	2.25E-02	7.11E-06	2.07E-06	8.36E-04	2.64E-07	7.67E-08	2.27E-02	7.16E-06	2.08E-06	9.67E-04	3.05E-07	8.88E-08	2.33E-02	7.34E-06	2.14E-06	4.37E-04	1.38E-07	4.01E-08
4412 487363.09, 3857877.25	1.63E-02	5.15E-06	1.50E-06	9.66E-04	3.05E-07	8.87E-08	1.65E-02	5.20E-06	1.51E-06	1.12E-03	3.53E-07	1.03E-07	1.66E-02	5.24E-06	1.52E-06	5.07E-04	1.60E-07	4.66E-08
4413 487863.09, 3857877.25	1.43E-02	4.52E-06	1.32E-06	1.02E-03	3.23E-07	9.41E-08	1.45E-02	4.58E-06	1.33E-06	1.18E-03	3.74E-07	1.09E-07	1.44E-02	4.56E-06	1.33E-06	5.42E-04	1.71E-07	4.98E-08
4414 488363.09, 3857877.25	2.90E-02	9.15E-06	2.66E-06	1.22E-03	3.85E-07	1.12E-07	2.91E-02	9.20E-06	2.68E-06	1.38E-03	4.35E-07	1.26E-07	2.90E-02	9.16E-06	2.66E-06	7.47E-04	2.36E-07	6.86E-08
4415 488863.09, 3857877.25	1.82E-02	5.74E-06	1.67E-06	1.09E-03	3.45E-07	1.00E-07	1.84E-02	5.80E-06	1.69E-06	1.25E-03	3.95E-07	1.15E-07	1.82E-02	5.74E-06	1.67E-06	6.18E-04	1.95E-07	5.67E-08
4416 489363.09, 3857877.25	1.31E-02	4.15E-06	1.21E-06	1.01E-03	3.18E-07	9.24E-08	1.33E-02	4.20E-06	1.22E-06	1.16E-03	3.65E-07	1.06E-07	1.31E-02	4.13E-06	1.20E-06	5.47E-04	1.73E-07	5.03E-08
4417 489863.09, 3857877.25	1.08E-02	3.41E-06	9.93E-07	9.27E-04	2.93E-07	8.51E-08	1.10E-02	3.46E-06	1.01E-06	1.07E-03	3.37E-07	9.81E-08	1.07E-02	3.39E-06	9.85E-07	4.98E-04	1.57E-07	4.57E-08
4418 490363.09, 3857877.25	9.47E-03	2.99E-06	8.69E-07	8.48E-04	2.68E-07	7.79E-08	9.61E-03	3.03E-06	8.83E-07	9.78E-04	3.09E-07	8.98E-08	9.40E-03	2.97E-06	8.63E-07	4.53E-04	1.43E-07	4.15E-08

4419	490863.09, 3857877.25	8.47E-03	2.67E-06	7.78E-07	7.78E-04	2.46E-07	7.14E-08	8.60E-03	2.71E-06	7.90E-07	8.98E-04	2.83E-07	8.24E-08	8.40E-03	2.65E-06	7.71E-07	4.14E-04	1.31E-07	3.80E-08
4420	491363.09, 3857877.25	7.25E-03	2.29E-06	6.66E-07	7.13E-04	2.25E-07	6.55E-08	7.37E-03	2.33E-06	6.77E-07	8.23E-04	2.60E-07	7.56E-08	7.17E-03	2.26E-06	6.58E-07	3.79E-04	1.20E-07	3.48E-08
4421	491863.09, 3857877.25	6.00E-03	1.89E-06	5.51E-07	6.38E-04	2.01E-07	5.86E-08	6.11E-03	1.93E-06	5.61E-07	7.37E-04	2.33E-07	6.76E-08	5.90E-03	1.86E-06	5.41E-07	3.39E-04	1.07E-07	3.11E-08
4422	492363.09, 3857877.25	4.35E-03	1.37E-06	3.99E-07	4.80E-04	1.51E-07	4.41E-08	4.43E-03	1.40E-06	4.06E-07	5.54E-04	1.75E-07	5.08E-08	4.25E-03	1.34E-06	3.91E-07	2.56E-04	8.07E-08	2.35E-08
4423	492863.09, 3857877.25	3.15E-03	9.95E-07	2.89E-07	3.21E-04	1.01E-07	2.95E-08	3.21E-03	1.01E-06	2.94E-07	3.71E-04	1.17E-07	3.40E-08	3.10E-03	9.79E-07	2.85E-07	1.72E-04	5.42E-08	1.58E-08
4424	493363.09, 3857877.25	2.67E-03	8.43E-07	2.45E-07	2.62E-04	8.26E-08	2.40E-08	2.71E-03	8.57E-07	2.49E-07	3.02E-04	9.52E-08	2.77E-08	2.63E-03	8.31E-07	2.42E-07	1.40E-04	4.42E-08	1.28E-08
4425	493863.09, 3857877.25	2.40E-03	7.57E-07	2.20E-07	2.31E-04	7.28E-08	2.12E-08	2.44E-03	7.69E-07	2.24E-07	2.66E-04	8.39E-08	2.44E-08	2.37E-03	7.47E-07	2.17E-07	1.23E-04	3.90E-08	1.13E-08
4426	494363.09, 3857877.25	2.19E-03	6.92E-07	2.01E-07	2.09E-04	6.59E-08	1.92E-08	2.23E-03	7.03E-07	2.04E-07	2.41E-04	7.60E-08	2.21E-08	2.17E-03	6.84E-07	1.99E-07	1.12E-04	3.53E-08	1.03E-08
4427	494863.09, 3857877.25	1.91E-03	6.04E-07	1.76E-07	1.76E-04	5.56E-08	1.62E-08	1.94E-03	6.14E-07	1.78E-07	2.03E-04	6.41E-08	1.86E-08	1.90E-03	5.98E-07	1.74E-07	9.44E-05	2.98E-08	8.67E-09
4428	495363.09, 3857877.25	1.79E-03	5.64E-07	1.64E-07	1.64E-04	5.18E-08	1.51E-08	1.82E-03	5.73E-07	1.67E-07	1.89E-04	5.97E-08	1.74E-08	1.77E-03	5.59E-07	1.63E-07	8.80E-05	2.78E-08	8.08E-09
4429	495863.09, 3857877.25	1.68E-03	5.29E-07	1.54E-07	1.54E-04	4.86E-08	1.41E-08	1.70E-03	5.37E-07	1.56E-07	1.78E-04	5.60E-08	1.63E-08	1.66E-03	5.24E-07	1.52E-07	8.26E-05	2.61E-08	7.58E-09
4430	496363.09, 3857877.25	1.64E-03	5.19E-07	1.51E-07	1.54E-04	4.87E-08	1.42E-08	1.67E-03	5.27E-07	1.53E-07	1.78E-04	5.62E-08	1.63E-08	1.63E-03	5.14E-07	1.49E-07	8.27E-05	2.61E-08	7.59E-09
4431	496863.09, 3857877.25	1.61E-03	5.09E-07	1.48E-07	1.53E-04	4.84E-08	1.41E-08	1.64E-03	5.17E-07	1.50E-07	1.77E-04	5.58E-08	1.62E-08	1.59E-03	5.03E-07	1.46E-07	8.21E-05	2.59E-08	7.54E-09
4432	497363.09, 3857877.25	1.56E-03	4.94E-07	1.44E-07	1.50E-04	4.74E-08	1.38E-08	1.59E-03	5.02E-07	1.46E-07	1.73E-04	5.47E-08	1.59E-08	1.55E-03	4.88E-07	1.42E-07	8.03E-05	2.54E-08	7.37E-09
4433	497863.09, 3857877.25	1.70E-03	5.35E-07	1.56E-07	1.71E-04	5.39E-08	1.57E-08	1.72E-03	5.44E-07	1.58E-07	1.97E-04	6.22E-08	1.81E-08	1.67E-03	5.27E-07	1.53E-07	9.10E-05	2.87E-08	8.36E-09
4434	498363.09, 3857877.25	1.84E-03	5.80E-07	1.69E-07	1.92E-04	6.05E-08	1.76E-08	1.87E-03	5.90E-07	1.72E-07	2.21E-04	6.98E-08	2.03E-08	1.81E-03	5.70E-07	1.66E-07	1.02E-04	3.22E-08	9.35E-09
4435	471363.09, 3858377.25	2.85E-04	8.98E-08	2.61E-08	3.54E-05	1.12E-08	3.25E-09	2.91E-04	9.17E-08	2.67E-08	4.09E-05	1.29E-08	3.76E-09	2.77E-04	8.75E-08	2.55E-08	1.87E-05	5.89E-09	1.71E-09
4436	471863.09, 3858377.25	2.92E-04	9.22E-08	2.68E-08	3.69E-05	1.16E-08	3.39E-09	2.98E-04	9.42E-08	2.74E-08	4.27E-05	1.35E-08	3.92E-09	2.84E-04	8.97E-08	2.61E-08	1.95E-05	6.14E-09	1.79E-09
4437	472363.09, 3858377.25	3.01E-04	9.49E-08	2.76E-08	3.86E-05	1.22E-08	3.55E-09	3.07E-04	9.70E-08	2.82E-08	4.46E-05	1.41E-08	4.10E-09	2.92E-04	9.23E-08	2.68E-08	2.04E-05	6.42E-09	1.87E-09
4438	472863.09, 3858377.25	3.21E-04	1.01E-07	2.95E-08	4.12E-05	1.30E-08	3.78E-09	3.28E-04	1.04E-07	3.02E-08	4.76E-05	1.50E-08	4.37E-09	3.13E-04	9.86E-08	2.87E-08	2.17E-05	6.85E-09	1.99E-09
4439	473363.09, 3858377.25	3.69E-04	1.17E-07	3.39E-08	4.53E-05	1.43E-08	4.16E-09	3.77E-04	1.19E-07	3.46E-08	5.24E-05	1.65E-08	4.81E-09	3.61E-04	1.14E-07	3.31E-08	2.38E-05	7.53E-09	2.19E-09
4440	473863.09, 3858377.25	3.63E-04	1.15E-07	3.34E-08	4.70E-05	1.48E-08	4.32E-09	3.71E-04	1.17E-07	3.41E-08	5.44E-05	1.72E-08	4.99E-09	3.53E-04	1.11E-07	3.24E-08	2.48E-05	7.81E-09	2.27E-09
4441	474363.09, 3858377.25	3.12E-04	9.83E-08	2.86E-08	4.45E-05	1.40E-08	4.08E-09	3.19E-04	1.01E-07	2.93E-08	5.14E-05	1.62E-08	4.72E-09	3.00E-04	9.46E-08	2.75E-08	2.34E-05	7.40E-09	2.15E-09
4442	474863.09, 3858377.25	2.55E-04	8.04E-08	2.34E-08	3.74E-05	1.18E-08	3.43E-09	2.61E-04	8.24E-08	2.40E-08	4.32E-05	1.36E-08	3.97E-09	2.44E-04	7.71E-08	2.24E-08	1.98E-05	6.24E-09	1.81E-09
4443	475363.09, 3858377.25	1.94E-04	6.13E-08	1.78E-08	2.51E-05	7.91E-09	2.30E-09	1.98E-04	6.26E-08	1.82E-08	2.89E-05	9.13E-09	2.66E-09	1.88E-04	5.94E-08	1.73E-08	1.33E-05	4.21E-09	1.22E-09
4444	475863.09, 3858377.25	1.65E-04	5.22E-08	1.52E-08	1.77E-05	5.58E-09	1.62E-09	1.68E-04	5.31E-08	1.54E-08	2.04E-05	6.43E-09	1.87E-09	1.62E-04	5.12E-08	1.49E-08	9.49E-06	2.99E-09	8.71E-10
4445	476363.09, 3858377.25	1.78E-04	5.63E-08	1.64E-08	1.94E-05	6.12E-09	1.78E-09	1.81E-04	5.73E-08	1.67E-08	2.24E-05	7.06E-09	2.05E-09	1.75E-04	5.51E-08	1.60E-08	1.04E-05	3.28E-09	9.55E-10
4446	476863.09, 3858377.25	1.93E-04	6.11E-08	1.78E-08	2.13E-05	6.72E-09	1.96E-09	1.97E-04	6.22E-08	1.81E-08	2.46E-05	7.75E-09	2.26E-09	1.89E-04	5.98E-08	1.74E-08	1.14E-05	3.60E-09	1.05E-09
4447	477363.09, 3858377.25	1.94E-04	6.12E-08	1.78E-08	2.03E-05	6.40E-09	1.86E-09	1.97E-04	6.23E-08	1.81E-08	2.34E-05	7.37E-09	2.14E-09	1.91E-04	6.01E-08	1.75E-08	1.09E-05	3.44E-09	1.00E-09
4448	477863.09, 3858377.25	2.37E-04	7.49E-08	2.18E-08	2.83E-05	8.93E-09	2.60E-09	2.42E-04	7.64E-08	2.22E-08	3.26E-05	1.03E-08	3.00E-09	2.31E-04	7.30E-08	2.12E-08	1.51E-05	4.76E-09	1.39E-09
4449	478363.09, 3858377.25	2.57E-04	8.11E-08	2.36E-08	3.13E-05	9.89E-09	2.88E-09	2.62E-04	8.27E-08	2.41E-08	3.62E-05	1.14E-08	3.32E-09	2.50E-04	7.89E-08	2.29E-08	1.67E-05	5.27E-09	1.53E-09
4450	478863.09, 3858377.25	2.13E-04	6.73E-08	1.96E-08	2.06E-05	6.49E-09	1.89E-09	2.16E-04	6.83E-08	1.99E-08	2.37E-05	7.48E-09	2.17E-09	2.10E-04	6.64E-08	1.93E-08	1.11E-05	3.50E-09	1.02E-09
4451	479363.09, 3858377.25	4.72E-04	1.49E-07	4.33E-08	7.80E-05	2.46E-08	7.16E-09	4.85E-04	1.53E-07	4.45E-08	9.02E-05	2.85E-08	8.28E-09	4.47E-04	1.41E-07	4.10E-08	4.11E-05	1.30E-08	3.78E-09
4452	479863.09, 3858377.25	8.98E-04	2.83E-07	8.24E-08	1.39E-04	4.38E-08	1.27E-08	9.21E-04	2.91E-07	8.46E-08	1.60E-04	5.06E-08	1.47E-08	8.59E-04	2.71E-07	7.89E-08	7.27E-05	2.29E-08	6.67E-09
4453	480363.09, 3858377.25	1.19E-03	3.74E-07	1.09E-07	1.61E-04	5.07E-08	1.47E-08	1.21E-03	3.83E-07	1.11E-07	1.86E-04	5.86E-08	1.71E-08	1.15E-03	3.63E-07	1.06E-07	8.40E-05	2.65E-08	7.72E-09
4454	480863.09, 3858377.25	1.32E-03	4.17E-07	1.21E-07	1.79E-04	5.65E-08	1.64E-08	1.35E-03	4.27E-07	1.24E-07	2.07E-04	6.54E-08	1.90E-08	1.28E-03	4.05E-07	1.18E-07	9.37E-05	2.96E-08	8.60E-09
4455	481363.09, 3858377.25	1.54E-03	4.85E-07	1.41E-07	2.01E-04	6.34E-08	1.84E-08	1.57E-03	4.96E-07	1.44E-07	2.32E-04	7.34E-08	2.13E-08	1.50E-03	4.72E-07	1.37E-07	1.05E-04	3.32E-08	9.65E-09
4456	481863.09, 3858377.25	1.71E-03	5.38E-07	1.57E-07	2.27E-04	7.17E-08	2.09E-08	1.75E-03	5.51E-07	1.60E-07	2.63E-04	8.30E-08	2.41E-08	1.66E-03	5.23E-07	1.52E-07	1.19E-04	3.75E-08	1.09E-08
4457	482363.09, 3858377.25	2.07E-03	6.53E-07	1.90E-07	2.61E-04	8.25E-08	2.40E-08	2.11E-03	6.67E-07	1.94E-07	3.03E-04	9.55E-08	2.78E-08	2.02E-03	6.37E-07	1.85E-07	1.37E-04	4.31E-08	1.25E-08
4458	482863.09, 3858377.25	3.00E-03	9.48E-07	2.76E-07	2.98E-04	9.39E-08	2.73E-08	3.06E-03	9.65E-07	2.81E-07	3.44E-04	1.09E-07	3.16E-08	2.99E-03	9.42E-07	2.74E-07	1.55E-04	4.91E-08	1.43E-08
4459	483363.09, 3858377.25	4.01E-03	1.27E-06	3.68E-07	3.19E-04	1.01E-07	2.92E-08	4.06E-03	1.28E-06	3.73E-07	3.69E-04	1.16E-07	3.39E-08	4.03E-03	1.27E-06	3.70E-07	1.66E-04	5.25E-08	1.53E-08
4460	483863.09, 3858377.25	4.68E-03	1.48E-06	4.30E-07	3.47E-04	1.10E-07	3.19E-08	4.74E-03	1.50E-06	4.35E-07	4.02E-04	1.27E-07	3.69E-08	4.72E-03	1.49E-06	4.34E-07	1.81E-04	5.72E-08	1.67E-08
4461	484363.09, 3858377.25	5.45E-03	1.72E-06	5.00E-07	3.86E-04	1.22E-07	3.55E-08	5.51E-03	1.74E-06	5.06E-07	4.47E-04	1.41E-07	4.10E-08	5.51E-03	1.74E-06	5.06E-07	2.02E-04	6.37E-08	1.85E-08
4462	484863.09, 3858377.25	6.56E-03	2.07E-06	6.02E-07	4.19E-04	1.32E-07	3.84E-08	6.63E-03	2.09E-06	6.09E-07	4.84E-04	1.53E-07	4.45E-08	6.67E-03	2.10E-06	6.12E-07	2.19E-04	6.90E-08	2.01E-08
4463	485363.09, 3858377.25	8.41E-03	2.65E-06	7.72E-07	4.49E-04	1.42E-07	4.13E-08	8.49E-03	2.68E-06	7.79E-07	5.20E-04	1.64E-07	4.78E-08	8.60E-03	2.71E-06	7.89E-07	2.35E-04	7.41E-08	2.16E-08
4464	485863.09, 3858377.25	1.28E-02	4.04E-06	1.18E-06	4.84E-04	1.53E-07	4.44E-08	1.29E-02	4.07E-06	1.18E-06	5.60E-04	1.77E-07	5.14E-08	1.32E-02	4.17E-06	1.21E-06	2.53E-04	7.99E-08	2.32E-08
4465	486363.09, 3858377.25	5.93E-02	1.87E-05	5.44E-06	4.89E-04	1.54E-07	4.48E-08	5.94E-02	1.87E-05	5.45E-06	5.65E-04	1.78E-07	5.19E-08	6.23E-02	1.97E-05	5.72E-06	2.57E-04	8.11E-08	2.36E-08
4466	486863.09, 3858377.25	7.80E-02	2.46E-05	7.16E-06	4.86E-04	1.53E-07	4.46E-08	7.81E-02	2.46E-05	7.17E-06	5.61E-04	1.77E-07	5.15E-08	8.20E-02	2.59E-05	7.53E-06	2.57E-04	8.11E-08	2.36E-08
4467	487363.09, 3858377.25	3.67E-02	1.16E-05	3.37E-06	5.13E-04	1.62E-07	4.71E-08	3.68E-02	1.16E-05	3.38E-06	5.92E-04	1.87E-07	5.44E-08	3.85E-02	1.21E-05	3.53E-06	2.72E-04	8.59E-08	2.50E-08
4468	487863.09, 3858377.25	2.41E-02	7.60E-06	2.21E-06	5.64E-04	1.78E-07	5.18E-08	2.42E-02	7.63E-06	2.22E-06	6.51E-04	2.05E-07	5.97E-08	2.50E-02	7.90E-06	2.30E-06	3.00E-04	9.48E-08	2.76E-08
4469	488363.09, 3858377.25	1.83E-02	5.77E-06	1.68E-06	5.87E-04	1.85E-07	5.39E-08	1.84E-02	5.80E-06	1.69E-06	6.78E-04	2.14E-07	6.23E-08	1.89E-02	5.96E-06	1.73E-06	3.12E-04	9.85E-08	2.87E-08
4470	488863.09, 3858377.25	1.57E-02	4.94E-06	1.44E-06	5.72E-04	1.80E-07	5.25E-08	1.57E-02	4.97E-06	1.45E-06	6.59E-04	2.08E-07	6.05E-08	1.61E-02	5.08E-06	1.48E-06	3.08E-04	9.71E-08	2.82E-08
4471	489363.09, 3858377.25	1.37E-02	4.32E-06	1.26E-06	5.99E-04	1.89E-07	5.50E-08	1.38E-02	4.35E-06	1.27E-06	6.91E-04	2.18E-07	6.34E-08	1.40E-02	4.43E-06	1.29E-06	3.21E-04	1.01E-07	2.94E-08
4472	489863.09, 3858377.25	1.22E-02	3.84E-06	1.12E-06	6.13E-04	1.93E-07	5.63E-08	1.23E-02	3.88E-06	1.13E-06	7.08E-04	2.23E-07	6.50E-08	1.24E-02	3.92E-06	1.14E-06	3.27E-04	1.03E-07	3.00E-08
4473	490363.09, 3858377.25	1.08E-02	3.42E-06	9.96E-07	5.98E-04	1.89E-07	5.49E-08	1.09E-02	3.46E-06	1.00E-06	6.90E-04	2.18E-07	6.34E-08	1.10E-02	3.48E-06	1.01E-06	3.18E-04	1.00E-07	2.92E-08
4474	490863.09, 3858377.25	9.62E-03	3.04E-06	8.84E-07	5.68E-04	1.79E-07	5.22E-08	9.72E-03	3.07E-06	8.92E-07	6.56E-04	2.07E-07	6.02E-08	9.77E-03	3.08E-06	8.97E-07	3.02E-04	9.52E-08	2.77E-08
4475	491363.09, 3858377.25	7.96E-03	2.51E-06	7.30E-07	5.36E-04	1.69E-07	4.92E-08	8.05E-03	2.54E-06	7.39E-07	6.19E-04	1.95E-07	5.68E-08	8.03E-03	2.54E-06	7.38E-07	2.84E-04	8.98E-08	2.61E-08
4476	491863.09, 3858377.25	5.84E-03	1.84E-06	5.36E-07	4.63E-04	1.46E-07	4.25E-08	5.91E-03	1.87E-06	5.43E-07	5.35E-04	1.69E-07	4.91E-08	5.84E-03	1.84E-06	5.36E-07	2.47E-04	7.79E-08	2.27E-08
4477	492363.09, 3858377.25	3.95E-03	1.25E-06	3.62E-07	3.12E-04	9.84E-08	2.86E-08	4.00E-03	1.26E-06	3.67E-07	3.60E-04	1.14E-07	3.30E-08	3.95E-03	1.25E-06	3.62E-07	1.67E-04	5.26E-08	1.53E-08
4478	492863.09, 3858377.25	4.00E-03	1.26E-06	3.67E-07	3.36E-04	1.06E-07	3.09E-08	4.06E-03	1.28E-06	3.72E-07	3.88E-04	1.22E-07	3.56E-08	3.99E-03	1.26E-06	3.66E-07	1.79E-04	5.66E-08	1.65E-08
4479	493363.09, 3858377.25	3.37E-03	1.06E-06	3.09E-07	2.83E-04	8.95E-08	2.60E-08	3.42E-03	1.08E-06	3.14E-07	3.27E-04	1.03E-07	3.00E-08	3.36E-03	1.06E-06	3.08E-07	1.51E-04	4.77E-08	1.39E-08
4480	493863.09, 3858377.25	3.01E-03	9.50E-07	2.76E-07	2.57E-04	8.12E-08	2.36E-08	3.05E-03	9.64E-07	2.80E-07	2.97E-04	9.37E-08	2.72E-08	3.00E-03	9.47E-07	2.75E-07	1.37E-04	4.33E-08	1.26E-08
4481	494363.09, 3858377.25	2.65E-03	8.36E-07	2.43E-07	2.27E-04	7.17E-08	2.09E-08	2.69E-03	8.48E-07	2.47E-07	2.62E-04	8.27E-08	2.41E-08	2.64E-03	8.33E-07	2.42E-07	1.21E-04	3.82E-08	1.11E-08
4482	494863.09, 3858377.25	2.36E-03	7.46E-07	2.17E-07	2.03E-04	6.41E-08	1.86E-08	2.40E-03	7.57E-07	2.20E-07	2.34E-04	7.39E-08	2.15E-08	2.36E-03	7.43E-07	2.16E-07	1.08E-04	3.42E-08	9.94E-09
4483	495363.09, 3858377.25	2.08E-03	6.56E-07	1.91E-07	1.77E-04	5.59E-08	1.62E-08	2.11E-03	6.65E-07	1.93E-07	2.04E-04	6.44E-08	1.87E-08	2.07E-03	6.53E-07	1.90E-07	9.45E-05	2.98E-08	8.67E-09
4484	495863.09, 3858377.25	1.98E-03	6.24E-07	1.81E-07	1.72E-04	5.43E-08	1.58E-08	2.00E-03	6.33E-07	1.84E-07	1.99E-04	6.27E-08	1.82E-08	1.97E-03	6.21E-07	1.80E-07	9.18E-05	2.90E-08	8.43E-09

4485	496363.09, 3858377.25	1.87E-03	5.90E-07	1.72E-07	1.66E-04	5.23E-08	1.52E-08	1.90E-03	5.99E-07	1.74E-07	1.91E-04	6.03E-08	1.76E-08	1.86E-03	5.87E-07	1.71E-07	8.84E-05	2.79E-08	8.11E-09
4486	496863.09, 3858377.25	1.88E-03	5.92E-07	1.72E-07	1.73E-04	5.45E-08	1.58E-08	1.91E-03	6.01E-07	1.75E-07	1.99E-04	6.29E-08	1.83E-08	1.86E-03	5.88E-07	1.71E-07	9.19E-05	2.90E-08	8.44E-09
4487	497363.09, 3858377.25	1.83E-03	5.78E-07	1.68E-07	1.72E-04	5.44E-08	1.58E-08	1.86E-03	5.88E-07	1.71E-07	1.99E-04	6.28E-08	1.83E-08	1.82E-03	5.73E-07	1.67E-07	9.18E-05	2.90E-08	8.42E-09
4488	497863.09, 3858377.25	1.93E-03	6.10E-07	1.77E-07	1.88E-04	5.94E-08	1.73E-08	1.96E-03	6.20E-07	1.80E-07	2.17E-04	6.86E-08	1.99E-08	1.91E-03	6.03E-07	1.75E-07	9.99E-05	3.15E-08	9.17E-09
4489	498363.09, 3858377.25	2.10E-03	6.64E-07	1.93E-07	2.07E-04	6.54E-08	1.90E-08	2.14E-03	6.75E-07	1.96E-07	2.39E-04	7.56E-08	2.20E-08	2.08E-03	6.57E-07	1.91E-07	1.10E-04	3.47E-08	1.01E-08
4490	471363.09, 3858877.25	2.87E-04	9.07E-08	2.64E-08	3.47E-05	1.09E-08	3.18E-09	2.93E-04	9.25E-08	2.69E-08	4.00E-05	1.26E-08	3.68E-09	2.81E-04	8.85E-08	2.58E-08	1.83E-05	5.77E-09	1.68E-09
4491	471863.09, 3858877.25	2.93E-04	9.25E-08	2.69E-08	3.61E-05	1.14E-08	3.32E-09	2.99E-04	9.44E-08	2.75E-08	4.17E-05	1.32E-08	3.83E-09	2.86E-04	9.01E-08	2.62E-08	1.91E-05	6.02E-09	1.75E-09
4492	472363.09, 3858877.25	3.17E-04	1.00E-07	2.91E-08	3.87E-05	1.22E-08	3.55E-09	3.24E-04	1.02E-07	2.97E-08	4.47E-05	1.41E-08	4.11E-09	3.09E-04	9.76E-08	2.84E-08	2.04E-05	6.45E-09	1.88E-09
4493	472863.09, 3858877.25	3.38E-04	1.07E-07	3.11E-08	4.14E-05	1.31E-08	3.80E-09	3.45E-04	1.09E-07	3.17E-08	4.79E-05	1.51E-08	4.39E-09	3.30E-04	1.04E-07	3.03E-08	2.18E-05	6.90E-09	2.01E-09
4494	473363.09, 3858877.25	3.79E-04	1.20E-07	3.48E-08	4.52E-05	1.43E-08	4.15E-09	3.86E-04	1.22E-07	3.55E-08	5.23E-05	1.65E-08	4.80E-09	3.70E-04	1.17E-07	3.40E-08	2.38E-05	7.52E-09	2.19E-09
4495	473863.09, 3858877.25	3.78E-04	1.19E-07	3.47E-08	4.77E-05	1.51E-08	4.38E-09	3.86E-04	1.22E-07	3.54E-08	5.51E-05	1.74E-08	5.06E-09	3.68E-04	1.16E-07	3.38E-08	2.51E-05	7.93E-09	2.31E-09
4496	474363.09, 3858877.25	3.37E-04	1.06E-07	3.10E-08	4.70E-05	1.48E-08	4.32E-09	3.45E-04	1.09E-07	3.17E-08	5.44E-05	1.72E-08	4.99E-09	3.25E-04	1.03E-07	2.98E-08	2.48E-05	7.84E-09	2.28E-09
4497	474863.09, 3858877.25	1.84E-04	5.81E-08	1.69E-08	2.41E-05	7.60E-09	2.21E-09	1.88E-04	5.94E-08	1.73E-08	2.78E-05	8.77E-09	2.55E-09	1.78E-04	5.62E-08	1.63E-08	1.28E-05	4.04E-09	1.18E-09
4498	475363.09, 3858877.25	1.56E-04	4.94E-08	1.44E-08	1.74E-05	5.48E-09	1.59E-09	1.59E-04	5.03E-08	1.46E-08	2.00E-05	6.32E-09	1.84E-09	1.53E-04	4.83E-08	1.40E-08	9.32E-06	2.94E-09	8.55E-10
4499	475863.09, 3858877.25	1.73E-04	5.47E-08	1.59E-08	2.01E-05	6.35E-09	1.85E-09	1.77E-04	5.58E-08	1.62E-08	2.32E-05	7.33E-09	2.13E-09	1.69E-04	5.34E-08	1.55E-08	1.08E-05	3.40E-09	9.88E-10
4500	476363.09, 3858877.25	1.37E-04	4.31E-08	1.25E-08	1.23E-05	3.87E-09	1.13E-09	1.39E-04	4.38E-08	1.27E-08	1.41E-05	4.46E-09	1.30E-09	1.35E-04	4.27E-08	1.24E-08	6.67E-06	2.11E-09	6.13E-10
4501	476863.09, 3858877.25	1.59E-04	5.03E-08	1.46E-08	1.56E-05	4.93E-09	1.44E-09	1.62E-04	5.11E-08	1.49E-08	1.80E-05	5.68E-09	1.65E-09	1.57E-04	4.96E-08	1.44E-08	8.45E-06	2.67E-09	7.75E-10
4502	477363.09, 3858877.25	1.67E-04	5.27E-08	1.53E-08	1.66E-05	5.23E-09	1.52E-09	1.70E-04	5.36E-08	1.56E-08	1.91E-05	6.03E-09	1.75E-09	1.65E-04	5.20E-08	1.51E-08	8.95E-06	2.82E-09	8.21E-10
4503	477863.09, 3858877.25	1.96E-04	6.20E-08	1.80E-08	2.17E-05	6.85E-09	1.99E-09	2.00E-04	6.31E-08	1.84E-08	2.50E-05	7.90E-09	2.30E-09	1.92E-04	6.07E-08	1.76E-08	1.16E-05	3.67E-09	1.07E-09
4504	478363.09, 3858877.25	3.35E-04	1.06E-07	3.08E-08	5.07E-05	1.60E-08	4.66E-09	3.44E-04	1.09E-07	3.16E-08	5.86E-05	1.85E-08	5.38E-09	3.20E-04	1.01E-07	2.94E-08	2.68E-05	8.47E-09	2.46E-09
4505	478863.09, 3858877.25	3.03E-04	9.55E-08	2.78E-08	4.19E-05	1.32E-08	3.85E-09	3.10E-04	9.78E-08	2.84E-08	4.84E-05	1.53E-08	4.44E-09	2.91E-04	9.20E-08	2.68E-08	2.22E-05	7.02E-09	2.04E-09
4506	479363.09, 3858877.25	2.66E-04	8.39E-08	2.44E-08	3.30E-05	1.04E-08	3.03E-09	2.71E-04	8.56E-08	2.49E-08	3.81E-05	1.20E-08	3.50E-09	2.58E-04	8.15E-08	2.37E-08	1.76E-05	5.55E-09	1.61E-09
4507	479863.09, 3858877.25	9.71E-04	3.06E-07	8.91E-08	1.34E-04	4.23E-08	1.23E-08	9.93E-04	3.14E-07	9.12E-08	1.55E-04	4.90E-08	1.42E-08	9.39E-04	2.96E-07	8.62E-08	7.03E-05	2.22E-08	6.46E-09
4508	480363.09, 3858877.25	1.19E-03	3.75E-07	1.09E-07	1.50E-04	4.72E-08	1.37E-08	1.21E-03	3.83E-07	1.12E-07	1.73E-04	5.46E-08	1.59E-08	1.16E-03	3.66E-07	1.07E-07	7.83E-05	2.47E-08	7.19E-09
4509	480863.09, 3858877.25	1.39E-03	4.37E-07	1.27E-07	1.64E-04	5.18E-08	1.51E-08	1.41E-03	4.46E-07	1.30E-07	1.90E-04	6.00E-08	1.74E-08	1.36E-03	4.29E-07	1.25E-07	8.59E-05	2.71E-08	7.89E-09
4510	481363.09, 3858877.25	1.55E-03	4.90E-07	1.43E-07	1.81E-04	5.71E-08	1.66E-08	1.58E-03	5.00E-07	1.45E-07	2.09E-04	6.61E-08	1.92E-08	1.52E-03	4.81E-07	1.40E-07	9.47E-05	2.99E-08	8.69E-09
4511	481863.09, 3858877.25	1.76E-03	5.57E-07	1.62E-07	2.01E-04	6.35E-08	1.85E-08	1.80E-03	5.67E-07	1.65E-07	2.33E-04	7.35E-08	2.14E-08	1.73E-03	5.48E-07	1.59E-07	1.05E-04	3.32E-08	9.66E-09
4512	482363.09, 3858877.25	1.92E-03	6.07E-07	1.77E-07	2.24E-04	7.07E-08	2.06E-08	1.96E-03	6.20E-07	1.80E-07	2.59E-04	8.18E-08	2.38E-08	1.89E-03	5.97E-07	1.74E-07	1.17E-04	3.69E-08	1.07E-08
4513	482863.09, 3858877.25	2.25E-03	7.11E-07	2.07E-07	2.51E-04	7.93E-08	2.31E-08	2.30E-03	7.25E-07	2.11E-07	2.91E-04	9.17E-08	2.67E-08	2.22E-03	7.01E-07	2.04E-07	1.31E-04	4.14E-08	1.20E-08
4514	483363.09, 3858877.25	3.33E-03	1.05E-06	3.06E-07	2.57E-04	8.11E-08	2.36E-08	3.37E-03	1.06E-06	3.10E-07	2.97E-04	9.39E-08	2.73E-08	3.35E-03	1.06E-06	3.08E-07	1.34E-04	4.24E-08	1.23E-08
4515	483863.09, 3858877.25	3.83E-03	1.21E-06	3.52E-07	2.73E-04	8.62E-08	2.51E-08	3.88E-03	1.22E-06	3.56E-07	3.16E-04	9.98E-08	2.90E-08	3.88E-03	1.22E-06	3.56E-07	1.43E-04	4.51E-08	1.31E-08
4516	484363.09, 3858877.25	4.50E-03	1.42E-06	4.13E-07	2.98E-04	9.40E-08	2.73E-08	4.55E-03	1.44E-06	4.18E-07	3.45E-04	1.09E-07	3.16E-08	4.57E-03	1.44E-06	4.19E-07	1.56E-04	4.92E-08	1.43E-08
4517	484863.09, 3858877.25	5.48E-03	1.73E-06	5.03E-07	3.20E-04	1.01E-07	2.94E-08	5.53E-03	1.75E-06	5.08E-07	3.70E-04	1.17E-07	3.40E-08	5.58E-03	1.76E-06	5.12E-07	1.67E-04	5.28E-08	1.54E-08
4518	485363.09, 3858877.25	7.19E-03	2.27E-06	6.60E-07	3.34E-04	1.05E-07	3.06E-08	7.24E-03	2.29E-06	6.65E-07	3.86E-04	1.22E-07	3.54E-08	7.38E-03	2.33E-06	6.77E-07	1.75E-04	5.52E-08	1.60E-08
4519	485863.09, 3858877.25	1.13E-02	3.55E-06	1.03E-06	3.44E-04	1.09E-07	3.16E-08	1.13E-02	3.57E-06	1.04E-06	3.98E-04	1.26E-07	3.65E-08	1.17E-02	3.68E-06	1.07E-06	1.80E-04	5.69E-08	1.66E-08
4520	486363.09, 3858877.25	5.54E-02	1.75E-05	5.08E-06	3.37E-04	1.06E-07	3.09E-08	5.54E-02	1.75E-05	5.09E-06	3.90E-04	1.23E-07	3.58E-08	5.82E-02	1.84E-05	5.35E-06	1.77E-04	5.60E-08	1.63E-08
4521	486863.09, 3858877.25	8.03E-02	2.53E-05	7.37E-06	3.35E-04	1.06E-07	3.07E-08	8.04E-02	2.54E-05	7.38E-06	3.86E-04	1.22E-07	3.55E-08	8.46E-02	2.67E-05	7.76E-06	1.78E-04	5.62E-08	1.63E-08
4522	487363.09, 3858877.25	8.22E-02	2.59E-05	7.54E-06	3.69E-04	1.16E-07	3.39E-08	8.22E-02	2.60E-05	7.55E-06	4.24E-04	1.34E-07	3.89E-08	8.65E-02	2.73E-05	7.94E-06	2.02E-04	6.39E-08	1.86E-08
4523	487863.09, 3858877.25	4.02E-02	1.27E-05	3.69E-06	3.74E-04	1.18E-07	3.43E-08	4.02E-02	1.27E-05	3.69E-06	4.31E-04	1.36E-07	3.95E-08	4.22E-02	1.33E-05	3.87E-06	2.01E-04	6.34E-08	1.84E-08
4524	488363.09, 3858877.25	6.80E-02	2.15E-05	6.24E-06	3.91E-04	1.24E-07	3.59E-08	6.80E-02	2.15E-05	6.25E-06	4.52E-04	1.43E-07	4.15E-08	7.15E-02	2.26E-05	6.56E-06	2.09E-04	6.59E-08	1.92E-08
4525	488863.09, 3858877.25	3.27E-02	1.03E-05	3.00E-06	4.08E-04	1.29E-07	3.75E-08	3.28E-02	1.03E-05	3.01E-06	4.71E-04	1.49E-07	4.33E-08	3.43E-02	1.08E-05	3.15E-06	2.17E-04	6.85E-08	1.99E-08
4526	489363.09, 3858877.25	2.22E-02	7.02E-06	2.04E-06	3.86E-04	1.22E-07	3.54E-08	2.23E-02	7.04E-06	2.05E-06	4.46E-04	1.41E-07	4.09E-08	2.32E-02	7.33E-06	2.13E-06	2.06E-04	6.49E-08	1.89E-08
4527	489863.09, 3858877.25	1.71E-02	5.39E-06	1.57E-06	3.88E-04	1.23E-07	3.57E-08	1.71E-02	5.41E-06	1.57E-06	4.48E-04	1.41E-07	4.12E-08	1.78E-02	5.60E-06	1.63E-06	2.07E-04	6.53E-08	1.90E-08
4528	490363.09, 3858877.25	1.34E-02	4.23E-06	1.23E-06	4.13E-04	1.30E-07	3.79E-08	1.35E-02	4.25E-06	1.24E-06	4.77E-04	1.51E-07	4.38E-08	1.39E-02	4.38E-06	1.27E-06	2.19E-04	6.92E-08	2.01E-08
4529	490863.09, 3858877.25	1.00E-02	3.17E-06	9.21E-07	4.24E-04	1.34E-07	3.90E-08	1.01E-02	3.19E-06	9.28E-07	4.90E-04	1.55E-07	4.50E-08	1.03E-02	3.26E-06	9.47E-07	2.25E-04	7.10E-08	2.07E-08
4530	491363.09, 3858877.25	7.14E-03	2.25E-06	6.56E-07	3.96E-04	1.25E-07	3.64E-08	7.21E-03	2.28E-06	6.62E-07	4.57E-04	1.44E-07	4.20E-08	7.27E-03	2.30E-06	6.68E-07	2.10E-04	6.64E-08	1.93E-08
4531	491863.09, 3858877.25	5.10E-03	1.61E-06	4.68E-07	3.10E-04	9.80E-08	2.85E-08	5.15E-03	1.63E-06	4.73E-07	3.58E-04	1.13E-07	3.29E-08	5.17E-03	1.63E-06	4.74E-07	1.66E-04	5.23E-08	1.52E-08
4532	492363.09, 3858877.25	5.27E-03	1.66E-06	4.84E-07	3.35E-04	1.06E-07	3.07E-08	5.33E-03	1.68E-06	4.89E-07	3.86E-04	1.22E-07	3.55E-08	5.33E-03	1.68E-06	4.90E-07	1.78E-04	5.62E-08	1.64E-08
4533	492863.09, 3858877.25	5.46E-03	1.72E-06	5.01E-07	3.43E-04	1.08E-07	3.15E-08	5.52E-03	1.74E-06	5.07E-07	3.96E-04	1.25E-07	3.63E-08	5.53E-03	1.75E-06	5.08E-07	1.82E-04	5.74E-08	1.67E-08
4534	493363.09, 3858877.25	4.71E-03	1.49E-06	4.32E-07	3.18E-04	1.00E-07	2.92E-08	4.76E-03	1.50E-06	4.37E-07	3.67E-04	1.16E-07	3.37E-08	4.75E-03	1.50E-06	4.36E-07	1.69E-04	5.33E-08	1.55E-08
4535	493863.09, 3858877.25	3.76E-03	1.19E-06	3.45E-07	2.70E-04	8.51E-08	2.48E-08	3.80E-03	1.20E-06	3.49E-07	3.11E-04	9.83E-08	2.86E-08	3.78E-03	1.19E-06	3.47E-07	1.44E-04	4.53E-08	1.32E-08
4536	494363.09, 3858877.25	3.37E-03	1.06E-06	3.09E-07	2.50E-04	7.90E-08	2.30E-08	3.41E-03	1.08E-06	3.13E-07	2.89E-04	9.12E-08	2.65E-08	3.38E-03	1.07E-06	3.11E-07	1.33E-04	4.21E-08	1.22E-08
4537	494863.09, 3858877.25	2.94E-03	9.27E-07	2.70E-07	2.25E-04	7.10E-08	2.07E-08	2.97E-03	9.39E-07	2.73E-07	2.60E-04	8.19E-08	2.38E-08	2.95E-03	9.30E-07	2.70E-07	1.20E-04	3.78E-08	1.10E-08
4538	495363.09, 3858877.25	2.58E-03	8.13E-07	2.37E-07	2.02E-04	6.38E-08	1.86E-08	2.61E-03	8.24E-07	2.40E-07	2.33E-04	7.36E-08	2.14E-08	2.58E-03	8.15E-07	2.37E-07	1.07E-04	3.39E-08	9.87E-09
4539	495863.09, 3858877.25	2.37E-03	7.49E-07	2.18E-07	1.91E-04	6.03E-08	1.75E-08	2.40E-03	7.59E-07	2.21E-07	2.20E-04	6.96E-08	2.02E-08	2.37E-03	7.49E-07	2.18E-07	1.02E-04	3.21E-08	9.32E-09
4540	496363.09, 3858877.25	2.26E-03	7.14E-07	2.08E-07	1.88E-04	5.92E-08	1.72E-08	2.29E-03	7.24E-07	2.11E-07	2.17E-04	6.84E-08	1.99E-08	2.26E-03	7.14E-07	2.08E-07	9.98E-05	3.15E-08	9.16E-09
4541	496863.09, 3858877.25	2.17E-03	6.84E-07	1.99E-07	1.85E-04	5.83E-08	1.70E-08	2.20E-03	6.94E-07	2.02E-07	2.13E-04	6.73E-08	1.96E-08	2.16E-03	6.83E-07	1.99E-07	9.81E-05	3.10E-08	9.01E-09
4542	497363.09, 3858877.25	2.07E-03	6.55E-07	1.90E-07	1.81E-04	5.71E-08	1.66E-08	2.11E-03	6.64E-07	1.93E-07	2.09E-04	6.60E-08	1.92E-08	2.07E-03	6.52E-07	1.90E-07	9.61E-05	3.03E-08	8.82E-09
4543	497863.09, 3858877.25	2.23E-03	7.04E-07	2.05E-07	1.99E-04	6.27E-08	1.82E-08	2.26E-03	7.14E-07	2.08E-07	2.29E-04	7.24E-08	2.11E-08	2.22E-03	7.00E-07	2.04E-07	1.05E-04	3.33E-08	9.68E-09
4544	498363.09, 3858877.25	2.39E-03	7.53E-07	2.19E-07	2.10E-04	6.63E-08	1.93E-08	2.42E-03	7.64E-07	2.22E-07	2.43E-04	7.66E-08	2.23E-08	2.38E-03	7.50E-07	2.18E-07	1.11E-04	3.51E-08	1.02E-08
4545	471363.09, 3859377.25	2.89E-04	9.12E-08	2.65E-08	3.43E-05	1.08E-08	3.15E-09	2.95E-04	9.31E-08	2.71E-08	3.97E-05	1.25E-08	3.64E-09	2.82E-04	8.92E-08	2.59E-08	1.81E-05	5.73E-09	1.67E-09
4546	471863.09, 3859377.25	3.03E-04	9.57E-08	2.78E-08	3.66E-05	1.15E-08	3.36E-09	3.09E-04	9.76E-08	2.84E-08	4.22E-05	1.33E-08	3.88E-09	2.96E-04	9.34E-08	2.72E-08	1.93E-05	6.10E-09	1.77E-09
4547	472363.09, 3859377.25	3.29E-04	1.04E-07	3.02E-08	3.96E-05	1.25E-08	3.63E-09	3.36E-04	1.06E-07	3.08E-08	4.57E-05	1.44E-08	4.20E-09	3.22E-04	1.02E-07	2.95E-08	2.09E-05	6.60E-09	1.92E-09
4548	472863.09, 3859377.25	3.51E-04	1.11E-07	3.22E-08	4.26E-05	1.34E-08	3.91E-09	3.59E-04	1.13E-07	3.29E-08	4.92E-05	1.55E-08	4.52E-09	3.43E-04	1.08E-07	3.15E-08	2.25E-05	7.09E-09	2.06E-09
4549	473363.09, 3859377.25	3.81E-04	1.20E-07	3.50E-08	4.59E-05	1.45E-08	4.21E-09	3.89E-04	1.23E-07	3.57E-08	5.31E-05	1.67E-08	4.87E-09	3.72E-04	1.17E-07	3.42E-08	2.42E-05	7.63E-09	2.22E-09
4550	473863.09, 3859377.25	3.95E-04	1.25E-07	3.62E-08	4.88E-05	1.54E-08	4.48E-09	4.03E-04	1.27E-07	3.70E-08	5.64E-05	1.78E-08	5.18E-09	3.85E-04	1.21E-07	3.53E-08	2.57E-05	8.11E-09	2.36E-09

4551 474363.09, 3859377.25	3.46E-04	1.09E-07	3.18E-08	4.79E-05	1.51E-08	4.40E-09	3.54E-04	1.12E-07	3.25E-08	5.54E-05	1.75E-08	5.08E-09	3.33E-04	1.05E-07	3.06E-08	2.53E-05	7.99E-09	2.32E-09
4552 474863.09, 3859377.25	2.57E-04	8.11E-08	2.36E-08	3.80E-05	1.20E-08	3.49E-09	2.63E-04	8.31E-08	2.42E-08	4.39E-05	1.39E-08	4.03E-09	2.46E-04	7.76E-08	2.26E-08	2.01E-05	6.35E-09	1.85E-09
4553 475363.09, 3859377.25	1.85E-04	5.83E-08	1.69E-08	2.45E-05	7.72E-09	2.25E-09	1.89E-04	5.96E-08	1.73E-08	2.83E-05	8.92E-09	2.59E-09	1.78E-04	5.63E-08	1.64E-08	1.30E-05	4.11E-09	1.19E-09
4554 475863.09, 3859377.25	1.44E-04	4.55E-08	1.32E-08	1.52E-05	4.81E-09	1.40E-09	1.47E-04	4.63E-08	1.35E-08	1.76E-05	5.54E-09	1.61E-09	1.42E-04	4.47E-08	1.30E-08	8.20E-06	2.59E-09	7.53E-10
4555 476363.09, 3859377.25	1.38E-04	4.37E-08	1.27E-08	1.38E-05	4.35E-09	1.27E-09	1.41E-04	4.44E-08	1.29E-08	1.59E-05	5.01E-09	1.46E-09	1.36E-04	4.30E-08	1.25E-08	7.44E-06	2.35E-09	6.83E-10
4556 476863.09, 3859377.25	1.26E-04	3.99E-08	1.16E-08	1.11E-05	3.52E-09	1.02E-09	1.28E-04	4.05E-08	1.18E-08	1.28E-05	4.05E-09	1.18E-09	1.25E-04	3.95E-08	1.15E-08	6.08E-06	1.92E-09	5.58E-10
4557 477363.09, 3859377.25	1.36E-04	4.29E-08	1.25E-08	1.24E-05	3.91E-09	1.14E-09	1.38E-04	4.36E-08	1.27E-08	1.43E-05	4.50E-09	1.31E-09	1.35E-04	4.25E-08	1.24E-08	6.73E-06	2.13E-09	6.18E-10
4558 477863.09, 3859377.25	2.02E-04	6.38E-08	1.86E-08	2.53E-05	7.97E-09	2.32E-09	2.06E-04	6.52E-08	1.90E-08	2.91E-05	9.20E-09	2.68E-09	1.96E-04	6.20E-08	1.80E-08	1.35E-05	4.25E-09	1.24E-09
4559 478363.09, 3859377.25	2.92E-04	9.23E-08	2.68E-08	4.38E-05	1.38E-08	4.02E-09	3.00E-04	9.46E-08	2.75E-08	5.06E-05	1.60E-08	4.65E-09	2.80E-04	8.83E-08	2.57E-08	2.32E-05	7.32E-09	2.13E-09
4560 478863.09, 3859377.25	4.53E-04	1.43E-07	4.16E-08	7.50E-05	2.37E-08	6.88E-09	4.65E-04	1.47E-07	4.27E-08	8.67E-05	2.73E-08	7.96E-09	4.28E-04	1.35E-07	3.93E-08	3.96E-05	1.25E-08	3.63E-09
4561 479363.09, 3859377.25	6.36E-04	2.01E-07	5.84E-08	1.02E-04	3.23E-08	9.39E-09	6.53E-04	2.06E-07	6.00E-08	1.18E-04	3.73E-08	1.09E-08	6.05E-04	1.91E-07	5.55E-08	5.38E-05	1.70E-08	4.94E-09
4562 479863.09, 3859377.25	8.40E-04	2.65E-07	7.71E-08	1.21E-04	3.81E-08	1.11E-08	8.60E-04	2.71E-07	7.90E-08	1.40E-04	4.41E-08	1.28E-08	8.09E-04	2.55E-07	7.43E-08	6.34E-05	2.00E-08	5.82E-09
4563 480363.09, 3859377.25	1.09E-03	3.44E-07	1.00E-07	1.34E-04	4.22E-08	1.23E-08	1.11E-03	3.51E-07	1.02E-07	1.55E-04	4.88E-08	1.42E-08	1.06E-03	3.36E-07	9.77E-08	7.01E-05	2.21E-08	6.43E-09
4564 480863.09, 3859377.25	1.30E-03	4.12E-07	1.20E-07	1.45E-04	4.59E-08	1.34E-08	1.33E-03	4.20E-07	1.22E-07	1.68E-04	5.31E-08	1.55E-08	1.29E-03	4.06E-07	1.18E-07	7.62E-05	2.40E-08	6.99E-09
4565 481363.09, 3859377.25	1.50E-03	4.73E-07	1.38E-07	1.59E-04	5.02E-08	1.46E-08	1.53E-03	4.81E-07	1.40E-07	1.84E-04	5.81E-08	1.69E-08	1.48E-03	4.67E-07	1.36E-07	8.33E-05	2.63E-08	7.65E-09
4566 481863.09, 3859377.25	1.70E-03	5.36E-07	1.56E-07	1.74E-04	5.48E-08	1.59E-08	1.73E-03	5.45E-07	1.59E-07	2.01E-04	6.34E-08	1.84E-08	1.68E-03	5.31E-07	1.54E-07	9.09E-05	2.87E-08	8.34E-09
4567 482363.09, 3859377.25	1.87E-03	5.91E-07	1.72E-07	1.90E-04	6.00E-08	1.74E-08	1.91E-03	6.02E-07	1.75E-07	2.20E-04	6.94E-08	2.02E-08	1.86E-03	5.86E-07	1.71E-07	9.94E-05	3.14E-08	9.13E-09
4568 482863.09, 3859377.25	2.19E-03	6.92E-07	2.01E-07	2.05E-04	6.48E-08	1.89E-08	2.23E-03	7.03E-07	2.05E-07	2.38E-04	7.50E-08	2.18E-08	2.18E-03	6.89E-07	2.01E-07	1.08E-04	3.39E-08	9.87E-09
4569 483363.09, 3859377.25	2.76E-03	8.70E-07	2.53E-07	2.18E-04	6.88E-08	2.00E-08	2.79E-03	8.82E-07	2.57E-07	2.52E-04	7.96E-08	2.31E-08	2.77E-03	8.75E-07	2.55E-07	1.14E-04	3.60E-08	1.05E-08
4570 483863.09, 3859377.25	3.31E-03	1.04E-06	3.04E-07	2.25E-04	7.09E-08	2.06E-08	3.35E-03	1.06E-06	3.07E-07	2.60E-04	8.21E-08	2.39E-08	3.35E-03	1.06E-06	3.07E-07	1.18E-04	3.71E-08	1.08E-08
4571 484363.09, 3859377.25	3.87E-03	1.22E-06	3.55E-07	2.40E-04	7.59E-08	2.21E-08	3.91E-03	1.23E-06	3.59E-07	2.78E-04	8.78E-08	2.55E-08	3.93E-03	1.24E-06	3.61E-07	1.26E-04	3.97E-08	1.16E-08
4572 484863.09, 3859377.25	4.65E-03	1.47E-06	4.27E-07	2.54E-04	8.03E-08	2.33E-08	4.69E-03	1.48E-06	4.31E-07	2.94E-04	9.29E-08	2.70E-08	4.74E-03	1.50E-06	4.36E-07	1.33E-04	4.20E-08	1.22E-08
4573 485363.09, 3859377.25	5.92E-03	1.87E-06	5.43E-07	2.56E-04	8.08E-08	2.35E-08	5.96E-03	1.88E-06	5.47E-07	2.96E-04	9.35E-08	2.72E-08	6.08E-03	1.92E-06	5.58E-07	1.34E-04	4.24E-08	1.23E-08
4574 485863.09, 3859377.25	8.23E-03	2.60E-06	7.55E-07	2.53E-04	7.98E-08	2.32E-08	8.27E-03	2.61E-06	7.59E-07	2.92E-04	9.23E-08	2.68E-08	8.52E-03	2.69E-06	7.83E-07	1.33E-04	4.19E-08	1.22E-08
4575 486363.09, 3859377.25	1.33E-02	4.21E-06	1.23E-06	2.51E-04	7.94E-08	2.31E-08	1.34E-02	4.23E-06	1.23E-06	2.91E-04	9.18E-08	2.67E-08	1.39E-02	4.40E-06	1.28E-06	1.32E-04	4.18E-08	1.21E-08
4576 486863.09, 3859377.25	5.32E-02	1.68E-05	4.89E-06	2.46E-04	7.76E-08	2.26E-08	5.33E-02	1.68E-05	4.89E-06	2.84E-04	8.97E-08	2.61E-08	5.61E-02	1.77E-05	5.15E-06	1.30E-04	4.11E-08	1.19E-08
4577 487363.09, 3859377.25	6.96E-02	2.20E-05	6.39E-06	2.57E-04	8.10E-08	2.36E-08	6.96E-02	2.20E-05	6.39E-06	2.96E-04	9.35E-08	2.72E-08	7.33E-02	2.31E-05	6.73E-06	1.37E-04	4.32E-08	1.26E-08
4578 487863.09, 3859377.25	7.46E-02	2.35E-05	6.84E-06	2.68E-04	8.46E-08	2.46E-08	7.46E-02	2.35E-05	6.85E-06	3.09E-04	9.75E-08	2.84E-08	7.85E-02	2.48E-05	7.21E-06	1.44E-04	4.54E-08	1.32E-08
4579 488363.09, 3859377.25	8.73E-02	2.76E-05	8.02E-06	2.87E-04	9.07E-08	2.64E-08	8.74E-02	2.76E-05	8.02E-06	3.31E-04	1.04E-07	3.03E-08	9.20E-02	2.90E-05	8.45E-06	1.57E-04	4.94E-08	1.44E-08
4580 488863.09, 3859377.25	5.76E-02	1.82E-05	5.28E-06	3.02E-04	9.54E-08	2.77E-08	5.76E-02	1.82E-05	5.29E-06	3.47E-04	1.10E-07	3.19E-08	6.06E-02	1.91E-05	5.56E-06	1.66E-04	5.23E-08	1.52E-08
4581 489363.09, 3859377.25	2.87E-02	9.06E-06	2.64E-06	3.10E-04	9.79E-08	2.85E-08	2.88E-02	9.08E-06	2.64E-06	3.57E-04	1.13E-07	3.28E-08	3.01E-02	9.50E-06	2.76E-06	1.68E-04	5.29E-08	1.54E-08
4582 489863.09, 3859377.25	2.00E-02	6.32E-06	1.84E-06	2.90E-04	9.16E-08	2.66E-08	2.01E-02	6.33E-06	1.84E-06	3.35E-04	1.06E-07	3.07E-08	2.09E-02	6.61E-06	1.92E-06	1.56E-04	4.91E-08	1.43E-08
4583 490363.09, 3859377.25	1.51E-02	4.77E-06	1.39E-06	2.83E-04	8.92E-08	2.60E-08	1.52E-02	4.79E-06	1.39E-06	3.26E-04	1.03E-07	2.99E-08	1.58E-02	4.98E-06	1.45E-06	1.51E-04	4.76E-08	1.39E-08
4584 490863.09, 3859377.25	1.10E-02	3.47E-06	1.01E-06	2.95E-04	9.31E-08	2.71E-08	1.10E-02	3.49E-06	1.01E-06	3.40E-04	1.07E-07	3.13E-08	1.14E-02	3.60E-06	1.05E-06	1.57E-04	4.95E-08	1.44E-08
4585 491363.09, 3859377.25	7.05E-03	2.22E-06	6.47E-07	2.95E-04	9.30E-08	2.71E-08	7.10E-03	2.24E-06	6.51E-07	3.40E-04	1.07E-07	3.12E-08	7.24E-03	2.29E-06	6.65E-07	1.57E-04	4.94E-08	1.44E-08
4586 491863.09, 3859377.25	7.49E-03	2.37E-06	6.88E-07	3.11E-04	9.83E-08	2.86E-08	7.55E-03	2.38E-06	6.93E-07	3.60E-04	1.14E-07	3.30E-08	7.71E-03	2.43E-06	7.08E-07	1.65E-04	5.20E-08	1.51E-08
4587 492363.09, 3859377.25	6.67E-03	2.10E-06	6.12E-07	3.04E-04	9.59E-08	2.79E-08	6.72E-03	2.12E-06	6.17E-07	3.51E-04	1.11E-07	3.22E-08	6.84E-03	2.16E-06	6.28E-07	1.61E-04	5.07E-08	1.48E-08
4588 492863.09, 3859377.25	6.10E-03	1.92E-06	5.60E-07	2.91E-04	9.20E-08	2.68E-08	6.15E-03	1.94E-06	5.64E-07	3.37E-04	1.06E-07	3.09E-08	6.24E-03	1.97E-06	5.73E-07	1.54E-04	4.87E-08	1.42E-08
4589 493363.09, 3859377.25	5.15E-03	1.63E-06	4.73E-07	2.75E-04	8.66E-08	2.52E-08	5.20E-03	1.64E-06	4.77E-07	3.17E-04	1.00E-07	2.91E-08	5.26E-03	1.66E-06	4.83E-07	1.45E-04	4.59E-08	1.34E-08
4590 493863.09, 3859377.25	4.70E-03	1.48E-06	4.31E-07	2.64E-04	8.32E-08	2.42E-08	4.74E-03	1.50E-06	4.35E-07	3.05E-04	9.61E-08	2.80E-08	4.78E-03	1.51E-06	4.39E-07	1.40E-04	4.41E-08	1.28E-08
4591 494363.09, 3859377.25	4.14E-03	1.31E-06	3.80E-07	2.51E-04	7.91E-08	2.30E-08	4.18E-03	1.32E-06	3.84E-07	2.90E-04	9.14E-08	2.66E-08	4.20E-03	1.33E-06	3.86E-07	1.33E-04	4.19E-08	1.22E-08
4592 494863.09, 3859377.25	3.41E-03	1.08E-06	3.13E-07	2.27E-04	7.17E-08	2.09E-08	3.45E-03	1.09E-06	3.17E-07	2.62E-04	8.28E-08	2.41E-08	3.45E-03	1.09E-06	3.17E-07	1.20E-04	3.80E-08	1.11E-08
4593 495363.09, 3859377.25	3.15E-03	9.93E-07	2.89E-07	2.17E-04	6.85E-08	1.99E-08	3.18E-03	1.00E-06	2.92E-07	2.51E-04	7.91E-08	2.30E-08	3.17E-03	1.00E-06	2.91E-07	1.15E-04	3.63E-08	1.06E-08
4594 495863.09, 3859377.25	2.83E-03	8.92E-07	2.59E-07	2.04E-04	6.42E-08	1.87E-08	2.86E-03	9.03E-07	2.63E-07	2.35E-04	7.42E-08	2.16E-08	2.85E-03	8.98E-07	2.61E-07	1.08E-04	3.41E-08	9.91E-09
4595 496363.09, 3859377.25	2.71E-03	8.56E-07	2.49E-07	2.01E-04	6.34E-08	1.85E-08	2.75E-03	8.67E-07	2.52E-07	2.32E-04	7.33E-08	2.13E-08	2.73E-03	8.61E-07	2.50E-07	1.07E-04	3.36E-08	9.78E-09
4596 496863.09, 3859377.25	2.39E-03	7.53E-07	2.19E-07	1.85E-04	5.82E-08	1.69E-08	2.42E-03	7.63E-07	2.22E-07	2.13E-04	6.73E-08	1.96E-08	2.39E-03	7.56E-07	2.20E-07	9.79E-05	3.09E-08	8.99E-09
4597 497363.09, 3859377.25	2.41E-03	7.59E-07	2.21E-07	1.89E-04	5.96E-08	1.73E-08	2.44E-03	7.69E-07	2.24E-07	2.18E-04	6.88E-08	2.00E-08	2.41E-03	7.61E-07	2.21E-07	1.00E-04	3.16E-08	9.19E-09
4598 497863.09, 3859377.25	2.54E-03	8.03E-07	2.33E-07	1.96E-04	6.19E-08	1.80E-08	2.58E-03	8.13E-07	2.36E-07	2.27E-04	7.15E-08	2.08E-08	2.55E-03	8.06E-07	2.34E-07	1.04E-04	3.28E-08	9.54E-09
4599 498363.09, 3859377.25	2.61E-03	8.23E-07	2.39E-07	1.96E-04	6.19E-08	1.80E-08	2.64E-03	8.33E-07	2.42E-07	2.26E-04	7.15E-08	2.08E-08	2.62E-03	8.27E-07	2.41E-07	1.04E-04	3.28E-08	9.53E-09
4600 471363.09, 3859877.25	3.02E-04	9.53E-08	2.77E-08	3.58E-05	1.13E-08	3.29E-09	3.08E-04	9.73E-08	2.83E-08	4.14E-05	1.31E-08	3.80E-09	2.95E-04	9.32E-08	2.71E-08	1.89E-05	5.96E-09	1.73E-09
4601 471863.09, 3859877.25	3.20E-04	1.01E-07	2.94E-08	3.81E-05	1.20E-08	3.50E-09	3.26E-04	1.03E-07	3.00E-08	4.41E-05	1.39E-08	4.05E-09	3.13E-04	9.87E-08	2.87E-08	2.01E-05	6.35E-09	1.85E-09
4602 472363.09, 3859877.25	3.34E-04	1.06E-07	3.07E-08	4.05E-05	1.28E-08	3.72E-09	3.41E-04	1.08E-07	3.13E-08	4.68E-05	1.48E-08	4.30E-09	3.27E-04	1.03E-07	3.00E-08	2.13E-05	6.73E-09	1.96E-09
4603 472863.09, 3859877.25	3.63E-04	1.15E-07	3.33E-08	4.33E-05	1.37E-08	3.98E-09	3.70E-04	1.17E-07	3.40E-08	5.01E-05	1.58E-08	4.60E-09	3.55E-04	1.12E-07	3.26E-08	2.28E-05	7.20E-09	2.10E-09
4604 473363.09, 3859877.25	3.93E-04	1.24E-07	3.61E-08	4.63E-05	1.46E-08	4.25E-09	4.01E-04	1.26E-07	3.68E-08	5.35E-05	1.69E-08	4.91E-09	3.85E-04	1.21E-07	3.53E-08	2.43E-05	7.68E-09	2.23E-09
4605 473863.09, 3859877.25	4.17E-04	1.32E-07	3.83E-08	4.92E-05	1.55E-08	4.52E-09	4.25E-04	1.34E-07	3.90E-08	5.69E-05	1.79E-08	5.22E-09	4.08E-04	1.29E-07	3.75E-08	2.59E-05	8.16E-09	2.37E-09
4606 474363.09, 3859877.25	3.80E-04	1.20E-07	3.49E-08	4.99E-05	1.58E-08	4.58E-09	3.89E-04	1.23E-07	3.57E-08	5.77E-05	1.82E-08	5.30E-09	3.69E-04	1.16E-07	3.38E-08	2.63E-05	8.31E-09	2.42E-09
4607 474863.09, 3859877.25	3.22E-04	1.02E-07	2.96E-08	4.70E-05	1.48E-08	4.32E-09	3.30E-04	1.04E-07	3.03E-08	5.43E-05	1.71E-08	4.99E-09	3.09E-04	9.75E-08	2.84E-08	2.48E-05	7.84E-09	2.28E-09
4608 475363.09, 3859877.25	2.10E-04	6.61E-08	1.92E-08	3.10E-05	9.79E-09	2.85E-09	2.15E-04	6.78E-08	1.97E-08	3.58E-05	1.13E-08	3.29E-09	2.01E-04	6.33E-08	1.84E-08	1.64E-05	5.18E-09	1.51E-09
4609 475863.09, 3859877.25	1.37E-04	4.31E-08	1.25E-08	1.50E-05	4.74E-09	1.38E-09	1.39E-04	4.39E-08	1.28E-08	1.73E-05	5.46E-09	1.59E-09	1.34E-04	4.22E-08	1.23E-08	8.06E-06	2.55E-09	7.40E-10
4610 476363.09, 3859877.25	1.05E-04	3.32E-08	9.67E-09	8.82E-06	2.78E-09	8.09E-10	1.07E-04	3.37E-08	9.80E-09	1.01E-05	3.20E-09	9.30E-10	1.04E-04	3.30E-08	9.59E-09	4.84E-06	1.53E-09	4.44E-10
4611 476863.09, 3859877.25	1.19E-04	3.75E-08	1.09E-08	1.04E-05	3.29E-09	9.56E-10	1.21E-04	3.81E-08	1.11E-08	1.20E-05	3.78E-09	1.10E-09	1.18E-04	3.72E-08	1.08E-08	5.69E-06	1.80E-09	5.23E-10
4612 477363.09, 3859877.25	1.28E-04	4.03E-08	1.17E-08	1.14E-05	3.61E-09	1.05E-09	1.29E-04	4.09E-08	1.19E-08	1.32E-05	4.15E-09	1.21E-09	1.26E-04	3.98E-08	1.16E-08	6.25E-06	1.97E-09	5.73E-10
4613 477863.09, 3859877.25	1.86E-04	5.86E-08	1.71E-08	2.24E-05	7.07E-09	2.06E-09	1.89E-04	5.98E-08	1.74E-08	2.58E-05	8.15E-09	2.37E-09	1.81E-04	5.70E-08	1.66E-08	1.20E-05	3.78E-09	1.10E-09
4614 478363.09, 3859877.25	2.92E-04	9.23E-08	2.68E-08	4.39E-05	1.39E-08	4.03E-09	3.00E-04	9.46E-08	2.75E-08	5.07E-05	1.60E-08	4.66E-09	2.79E-04	8.81E-08	2.56E-08	2.33E-05	7.35E-09	2.14E-09
4615 478863.09, 3859877.25	4.60E-04	1.45E-07	4.22E-08	7.24E-05	2.28E-08	6.64E-09	4.72E-04	1.49E-07	4.34E-08	8.36E-05	2.64E-08	7.67E-09	4.37E-04	1.38E-07	4.01E-08	3.83E-05	1.21E-08	3.51E-09
4616 479363.09, 3859877.25	6.70E-04	2.12E-07	6.15E-08	9.70E-05	3.06E-08	8.90E-09	6.87E-04	2.17E-07	6.30E-08	1.12E-04	3.54E-08	1.03E-08	6.44E-04	2.03E-07	5.91E-08	5.11E-05	1.61E-08	4.69E-09

4617 479863.09, 3859877.25	8.70E-04	2.75E-07	7.99E-08	1.10E-04	3.46E-08	1.01E-08	8.89E-04	2.80E-07	8.16E-08	1.27E-04	4.00E-08	1.16E-08	8.48E-04	2.68E-07	7.78E-08	5.76E-05	1.82E-08	5.29E-09
4618 480363.09, 3859877.25	1.09E-03	3.45E-07	1.00E-07	1.19E-04	3.77E-08	1.10E-08	1.11E-03	3.52E-07	1.02E-07	1.38E-04	4.36E-08	1.27E-08	1.08E-03	3.40E-07	9.90E-08	6.26E-05	1.98E-08	5.75E-09
4619 480863.09, 3859877.25	1.27E-03	4.02E-07	1.17E-07	1.29E-04	4.07E-08	1.19E-08	1.30E-03	4.09E-07	1.19E-07	1.49E-04	4.71E-08	1.37E-08	1.26E-03	3.99E-07	1.16E-07	6.77E-05	2.14E-08	6.21E-09
4620 481363.09, 3859877.25	1.44E-03	4.55E-07	1.32E-07	1.38E-04	4.35E-08	1.27E-08	1.46E-03	4.62E-07	1.34E-07	1.59E-04	5.03E-08	1.46E-08	1.43E-03	4.52E-07	1.32E-07	7.22E-05	2.28E-08	6.63E-09
4621 481863.09, 3859877.25	1.61E-03	5.07E-07	1.47E-07	1.48E-04	4.66E-08	1.35E-08	1.63E-03	5.15E-07	1.50E-07	1.71E-04	5.39E-08	1.57E-08	1.60E-03	5.05E-07	1.47E-07	7.74E-05	2.44E-08	7.10E-09
4622 482363.09, 3859877.25	1.80E-03	5.69E-07	1.65E-07	1.61E-04	5.07E-08	1.47E-08	1.83E-03	5.78E-07	1.68E-07	1.86E-04	5.87E-08	1.71E-08	1.80E-03	5.68E-07	1.65E-07	8.42E-05	2.66E-08	7.73E-09
4623 482863.09, 3859877.25	2.04E-03	6.44E-07	1.87E-07	1.74E-04	5.50E-08	1.60E-08	2.07E-03	6.53E-07	1.90E-07	2.02E-04	6.37E-08	1.85E-08	2.04E-03	6.44E-07	1.87E-07	9.13E-05	2.88E-08	8.38E-09
4624 483363.09, 3859877.25	2.32E-03	7.33E-07	2.13E-07	1.88E-04	5.92E-08	1.72E-08	2.36E-03	7.44E-07	2.16E-07	2.17E-04	6.85E-08	1.99E-08	2.33E-03	7.37E-07	2.14E-07	9.82E-05	3.10E-08	9.01E-09
4625 483863.09, 3859877.25	2.87E-03	9.05E-07	2.63E-07	1.91E-04	6.02E-08	1.75E-08	2.90E-03	9.16E-07	2.66E-07	2.21E-04	6.96E-08	2.03E-08	2.91E-03	9.18E-07	2.67E-07	9.99E-05	3.15E-08	9.17E-09
4626 484363.09, 3859877.25	3.31E-03	1.04E-06	3.03E-07	1.99E-04	6.27E-08	1.82E-08	3.34E-03	1.05E-06	3.07E-07	2.30E-04	7.25E-08	2.11E-08	3.36E-03	1.06E-06	3.09E-07	1.04E-04	3.28E-08	9.55E-09
4627 484863.09, 3859877.25	3.89E-03	1.23E-06	3.57E-07	2.04E-04	6.43E-08	1.87E-08	3.92E-03	1.24E-06	3.60E-07	2.36E-04	7.44E-08	2.16E-08	3.97E-03	1.25E-06	3.65E-07	1.07E-04	3.37E-08	9.80E-09
4628 485363.09, 3859877.25	4.71E-03	1.49E-06	4.32E-07	2.01E-04	6.35E-08	1.85E-08	4.74E-03	1.50E-06	4.35E-07	2.33E-04	7.35E-08	2.14E-08	4.84E-03	1.53E-06	4.45E-07	1.06E-04	3.33E-08	9.69E-09
4629 485863.09, 3859877.25	5.96E-03	1.88E-06	5.47E-07	1.97E-04	6.21E-08	1.81E-08	6.00E-03	1.89E-06	5.50E-07	2.28E-04	7.18E-08	2.09E-08	6.17E-03	1.95E-06	5.66E-07	1.03E-04	3.26E-08	9.48E-09
4630 486363.09, 3859877.25	7.69E-03	2.43E-06	7.06E-07	1.95E-04	6.16E-08	1.79E-08	7.72E-03	2.44E-06	7.09E-07	2.26E-04	7.12E-08	2.07E-08	8.00E-03	2.52E-06	7.34E-07	1.03E-04	3.24E-08	9.41E-09
4631 486863.09, 3859877.25	1.02E-02	3.22E-06	9.37E-07	1.94E-04	6.11E-08	1.78E-08	1.02E-02	3.23E-06	9.40E-07	2.24E-04	7.07E-08	2.06E-08	1.07E-02	3.36E-06	9.78E-07	1.02E-04	3.22E-08	9.37E-09
4632 487363.09, 3859877.25	1.50E-02	4.72E-06	1.37E-06	1.97E-04	6.21E-08	1.81E-08	1.50E-02	4.74E-06	1.38E-06	2.27E-04	7.17E-08	2.09E-08	1.57E-02	4.95E-06	1.44E-06	1.04E-04	3.29E-08	9.56E-09
4633 487863.09, 3859877.25	6.21E-02	1.96E-05	5.70E-06	2.08E-04	6.58E-08	1.91E-08	6.22E-02	1.96E-05	5.71E-06	2.40E-04	7.58E-08	2.21E-08	6.55E-02	2.07E-05	6.01E-06	1.12E-04	3.54E-08	1.03E-08
4634 488363.09, 3859877.25	7.69E-02	2.43E-05	7.06E-06	2.20E-04	6.94E-08	2.02E-08	7.70E-02	2.43E-05	7.07E-06	2.53E-04	7.97E-08	2.32E-08	8.11E-02	2.56E-05	7.44E-06	1.21E-04	3.82E-08	1.11E-08
4635 488863.09, 3859877.25	3.37E-02	1.06E-05	3.09E-06	2.40E-04	7.58E-08	2.21E-08	3.37E-02	1.06E-05	3.09E-06	2.74E-04	8.66E-08	2.52E-08	3.54E-02	1.12E-05	3.25E-06	1.37E-04	4.33E-08	1.26E-08
4636 489363.09, 3859877.25	2.44E-02	7.69E-06	2.24E-06	2.35E-04	7.43E-08	2.16E-08	2.44E-02	7.70E-06	2.24E-06	2.70E-04	8.53E-08	2.48E-08	2.56E-02	8.07E-06	2.35E-06	1.29E-04	4.07E-08	1.18E-08
4637 489863.09, 3859877.25	1.91E-02	6.02E-06	1.75E-06	2.40E-04	7.57E-08	2.20E-08	1.91E-02	6.03E-06	1.75E-06	2.76E-04	8.72E-08	2.54E-08	2.00E-02	6.30E-06	1.83E-06	1.29E-04	4.07E-08	1.18E-08
4638 490363.09, 3859877.25	1.55E-02	4.88E-06	1.42E-06	2.24E-04	7.08E-08	2.06E-08	1.55E-02	4.90E-06	1.42E-06	2.59E-04	8.16E-08	2.37E-08	1.62E-02	5.11E-06	1.49E-06	1.20E-04	3.78E-08	1.10E-08
4639 490863.09, 3859877.25	1.24E-02	3.91E-06	1.14E-06	2.16E-04	6.83E-08	1.99E-08	1.24E-02	3.92E-06	1.14E-06	2.50E-04	7.88E-08	2.29E-08	1.29E-02	4.08E-06	1.19E-06	1.15E-04	3.63E-08	1.06E-08
4640 491363.09, 3859877.25	1.04E-02	3.29E-06	9.56E-07	2.17E-04	6.83E-08	1.99E-08	1.04E-02	3.30E-06	9.59E-07	2.50E-04	7.89E-08	2.30E-08	1.09E-02	3.42E-06	9.96E-07	1.15E-04	3.63E-08	1.05E-08
4641 491863.09, 3859877.25	8.80E-03	2.78E-06	8.08E-07	2.26E-04	7.14E-08	2.08E-08	8.84E-03	2.79E-06	8.11E-07	2.61E-04	8.25E-08	2.40E-08	9.14E-03	2.89E-06	8.39E-07	1.20E-04	3.78E-08	1.10E-08
4642 492363.09, 3859877.25	7.59E-03	2.39E-06	6.96E-07	2.37E-04	7.49E-08	2.18E-08	7.63E-03	2.41E-06	7.00E-07	2.74E-04	8.65E-08	2.52E-08	7.85E-03	2.48E-06	7.21E-07	1.25E-04	3.96E-08	1.15E-08
4643 492863.09, 3859877.25	6.43E-03	2.03E-06	5.90E-07	2.42E-04	7.63E-08	2.22E-08	6.47E-03	2.04E-06	5.94E-07	2.79E-04	8.82E-08	2.56E-08	6.63E-03	2.09E-06	6.09E-07	1.28E-04	4.03E-08	1.17E-08
4644 493363.09, 3859877.25	5.65E-03	1.78E-06	5.19E-07	2.37E-04	7.49E-08	2.18E-08	5.69E-03	1.80E-06	5.23E-07	2.74E-04	8.65E-08	2.52E-08	5.81E-03	1.83E-06	5.34E-07	1.25E-04	3.95E-08	1.15E-08
4645 493863.09, 3859877.25	5.02E-03	1.58E-06	4.61E-07	2.29E-04	7.23E-08	2.10E-08	5.06E-03	1.60E-06	4.64E-07	2.65E-04	8.35E-08	2.43E-08	5.15E-03	1.62E-06	4.73E-07	1.21E-04	3.81E-08	1.11E-08
4646 494363.09, 3859877.25	4.39E-03	1.39E-06	4.03E-07	2.19E-04	6.91E-08	2.01E-08	4.43E-03	1.40E-06	4.06E-07	2.53E-04	7.98E-08	2.32E-08	4.49E-03	1.42E-06	4.12E-07	1.16E-04	3.65E-08	1.06E-08
4647 494863.09, 3859877.25	4.02E-03	1.27E-06	3.69E-07	2.11E-04	6.66E-08	1.94E-08	4.06E-03	1.28E-06	3.72E-07	2.44E-04	7.70E-08	2.24E-08	4.10E-03	1.30E-06	3.77E-07	1.12E-04	3.52E-08	1.02E-08
4648 495363.09, 3859877.25	3.61E-03	1.14E-06	3.32E-07	2.04E-04	6.43E-08	1.87E-08	3.65E-03	1.15E-06	3.35E-07	2.35E-04	7.43E-08	2.16E-08	3.68E-03	1.16E-06	3.38E-07	1.08E-04	3.40E-08	9.89E-09
4649 495863.09, 3859877.25	3.24E-03	1.02E-06	2.98E-07	1.96E-04	6.20E-08	1.80E-08	3.28E-03	1.03E-06	3.01E-07	2.27E-04	7.16E-08	2.08E-08	3.30E-03	1.04E-06	3.03E-07	1.04E-04	3.28E-08	9.53E-09
4650 496363.09, 3859877.25	2.79E-03	8.82E-07	2.57E-07	1.84E-04	5.82E-08	1.69E-08	2.83E-03	8.92E-07	2.59E-07	2.13E-04	6.72E-08	1.95E-08	2.83E-03	8.92E-07	2.60E-07	9.76E-05	3.08E-08	8.96E-09
4651 496863.09, 3859877.25	2.08E-03	6.56E-07	1.91E-07	1.49E-04	4.71E-08	1.37E-08	2.10E-03	6.64E-07	1.93E-07	1.73E-04	5.45E-08	1.58E-08	2.10E-03	6.61E-07	1.92E-07	7.92E-05	2.50E-08	7.27E-09
4652 497363.09, 3859877.25	2.38E-03	7.50E-07	2.18E-07	1.69E-04	5.34E-08	1.55E-08	2.40E-03	7.59E-07	2.21E-07	1.95E-04	6.17E-08	1.79E-08	2.39E-03	7.56E-07	2.20E-07	8.96E-05	2.83E-08	8.23E-09
4653 497863.09, 3859877.25	2.61E-03	8.24E-07	2.40E-07	1.75E-04	5.53E-08	1.61E-08	2.64E-03	8.34E-07	2.42E-07	2.02E-04	6.39E-08	1.86E-08	2.64E-03	8.33E-07	2.42E-07	9.26E-05	2.92E-08	8.50E-09
4654 498363.09, 3859877.25	2.65E-03	8.36E-07	2.43E-07	1.73E-04	5.47E-08	1.59E-08	2.68E-03	8.45E-07	2.46E-07	2.00E-04	6.32E-08	1.84E-08	2.68E-03	8.46E-07	2.46E-07	9.16E-05	2.89E-08	8.41E-09
4655 471363.09, 3860377.25	3.15E-04	9.94E-08	2.89E-08	3.66E-05	1.16E-08	3.36E-09	3.21E-04	1.01E-07	2.95E-08	4.24E-05	1.34E-08	3.89E-09	3.09E-04	9.74E-08	2.83E-08	1.93E-05	6.09E-09	1.77E-09
4656 471863.09, 3860377.25	3.33E-04	1.05E-07	3.06E-08	3.88E-05	1.22E-08	3.56E-09	3.40E-04	1.07E-07	3.12E-08	4.48E-05	1.42E-08	4.12E-09	3.26E-04	1.03E-07	3.00E-08	2.04E-05	6.45E-09	1.87E-09
4657 472363.09, 3860377.25	3.57E-04	1.13E-07	3.28E-08	4.12E-05	1.30E-08	3.78E-09	3.64E-04	1.15E-07	3.34E-08	4.76E-05	1.50E-08	4.37E-09	3.50E-04	1.11E-07	3.22E-08	2.17E-05	6.84E-09	1.99E-09
4658 472863.09, 3860377.25	3.86E-04	1.22E-07	3.55E-08	4.38E-05	1.38E-08	4.02E-09	3.94E-04	1.24E-07	3.61E-08	5.06E-05	1.60E-08	4.65E-09	3.79E-04	1.20E-07	3.48E-08	2.30E-05	7.27E-09	2.11E-09
4659 473363.09, 3860377.25	4.13E-04	1.30E-07	3.79E-08	4.67E-05	1.48E-08	4.29E-09	4.21E-04	1.33E-07	3.86E-08	5.41E-05	1.71E-08	4.96E-09	4.06E-04	1.28E-07	3.72E-08	2.46E-05	7.76E-09	2.26E-09
4660 473863.09, 3860377.25	4.32E-04	1.36E-07	3.97E-08	5.03E-05	1.59E-08	4.62E-09	4.41E-04	1.39E-07	4.05E-08	5.81E-05	1.83E-08	5.34E-09	4.24E-04	1.34E-07	3.89E-08	2.64E-05	8.34E-09	2.43E-09
4661 474363.09, 3860377.25	4.29E-04	1.35E-07	3.94E-08	5.38E-05	1.70E-08	4.94E-09	4.38E-04	1.38E-07	4.02E-08	6.23E-05	1.96E-08	5.72E-09	4.18E-04	1.32E-07	3.84E-08	2.83E-05	8.94E-09	2.60E-09
4662 474863.09, 3860377.25	4.14E-04	1.31E-07	3.80E-08	5.64E-05	1.78E-08	5.18E-09	4.24E-04	1.34E-07	3.89E-08	6.52E-05	2.06E-08	5.98E-09	4.00E-04	1.26E-07	3.68E-08	2.98E-05	9.39E-09	2.73E-09
4663 475363.09, 3860377.25	3.62E-04	1.14E-07	3.32E-08	5.37E-05	1.70E-08	4.93E-09	3.71E-04	1.17E-07	3.41E-08	6.20E-05	1.96E-08	5.70E-09	3.46E-04	1.09E-07	3.18E-08	2.84E-05	8.97E-09	2.61E-09
4664 475863.09, 3860377.25	3.00E-04	9.46E-08	2.75E-08	4.64E-05	1.47E-08	4.26E-09	3.08E-04	9.71E-08	2.82E-08	5.36E-05	1.69E-08	4.92E-09	2.85E-04	9.01E-08	2.62E-08	2.46E-05	7.76E-09	2.26E-09
4665 476363.09, 3860377.25	2.40E-04	7.56E-08	2.20E-08	3.61E-05	1.14E-08	3.31E-09	2.46E-04	7.75E-08	2.25E-08	4.16E-05	1.31E-08	3.82E-09	2.29E-04	7.22E-08	2.10E-08	1.91E-05	6.03E-09	1.76E-09
4666 476863.09, 3860377.25	2.22E-04	7.01E-08	2.04E-08	3.20E-05	1.01E-08	2.93E-09	2.28E-04	7.18E-08	2.09E-08	3.69E-05	1.16E-08	3.39E-09	2.13E-04	6.72E-08	1.95E-08	1.70E-05	5.36E-09	1.56E-09
4667 477363.09, 3860377.25	1.62E-04	5.10E-08	1.48E-08	1.83E-05	5.78E-09	1.68E-09	1.65E-04	5.19E-08	1.51E-08	2.11E-05	6.66E-09	1.94E-09	1.58E-04	4.97E-08	1.45E-08	9.86E-06	3.11E-09	9.05E-10
4668 477863.09, 3860377.25	1.92E-04	6.07E-08	1.77E-08	2.42E-05	7.65E-09	2.23E-09	1.96E-04	6.20E-08	1.80E-08	2.80E-05	8.82E-09	2.57E-09	1.86E-04	5.88E-08	1.71E-08	1.30E-05	4.09E-09	1.19E-09
4669 478363.09, 3860377.25	3.17E-04	1.00E-07	2.91E-08	4.83E-05	1.53E-08	4.44E-09	3.25E-04	1.03E-07	2.99E-08	5.58E-05	1.76E-08	5.12E-09	3.02E-04	9.53E-08	2.77E-08	2.56E-05	8.09E-09	2.35E-09
4670 478863.09, 3860377.25	4.50E-04	1.42E-07	4.13E-08	6.97E-05	2.20E-08	6.40E-09	4.62E-04	1.46E-07	4.24E-08	8.05E-05	2.54E-08	7.39E-09	4.29E-04	1.35E-07	3.94E-08	3.68E-05	1.16E-08	3.38E-09
4671 479363.09, 3860377.25	6.37E-04	2.01E-07	5.85E-08	8.82E-05	2.78E-08	8.10E-09	6.52E-04	2.06E-07	5.98E-08	1.02E-04	3.22E-08	9.36E-09	6.15E-04	1.94E-07	5.64E-08	4.64E-05	1.47E-08	4.26E-09
4672 479863.09, 3860377.25	8.61E-04	2.72E-07	7.90E-08	9.91E-05	3.13E-08	9.09E-09	8.78E-04	2.77E-07	8.06E-08	1.15E-04	3.62E-08	1.05E-08	8.45E-04	2.67E-07	7.75E-08	5.21E-05	1.64E-08	4.78E-09
4673 480363.09, 3860377.25	1.06E-03	3.36E-07	9.77E-08	1.06E-04	3.34E-08	9.72E-09	1.08E-03	3.41E-07	9.93E-08	1.22E-04	3.87E-08	1.12E-08	1.05E-03	3.33E-07	9.68E-08	5.56E-05	1.75E-08	5.10E-09
4674 480863.09, 3860377.25	1.22E-03	3.86E-07	1.12E-07	1.12E-04	3.52E-08	1.02E-08	1.24E-03	3.92E-07	1.14E-07	1.29E-04	4.07E-08	1.18E-08	1.22E-03	3.84E-07	1.12E-07	5.85E-05	1.85E-08	5.37E-09
4675 481363.09, 3860377.25	1.36E-03	4.28E-07	1.25E-07	1.19E-04	3.75E-08	1.09E-08	1.38E-03	4.35E-07	1.26E-07	1.37E-04	4.34E-08	1.26E-08	1.36E-03	4.28E-07	1.25E-07	6.24E-05	1.97E-08	5.72E-09
4676 481863.09, 3860377.25	1.53E-03	4.83E-07	1.41E-07	1.30E-04	4.09E-08	1.19E-08	1.55E-03	4.90E-07	1.43E-07	1.50E-04	4.73E-08	1.38E-08	1.53E-03	4.84E-07	1.41E-07	6.80E-05	2.15E-08	6.24E-09
4677 482363.09, 3860377.25	1.69E-03	5.33E-07	1.55E-07	1.41E-04	4.46E-08	1.30E-08	1.71E-03	5.41E-07	1.57E-07	1.63E-04	5.16E-08	1.50E-08	1.69E-03	5.34E-07	1.55E-07	7.40E-05	2.34E-08	6.80E-09
4678 482863.09, 3860377.25	1.86E-03	5.86E-07	1.71E-07	1.50E-04	4.75E-08	1.38E-08	1.88E-03	5.94E-07	1.73E-07	1.74E-04	5.49E-08	1.60E-08	1.87E-03	5.89E-07	1.71E-07	7.88E-05	2.49E-08	7.23E-09
4679 483363.09, 3860377.25	2.14E-03	6.76E-07	1.97E-07	1.60E-04	5.04E-08	1.46E-08	2.17E-03	6.85E-07	1.99E-07	1.85E-04	5.83E-08	1.69E-08	2.16E-03	6.82E-07	1.98E-07	8.36E-05	2.64E-08	7.68E-09
4680 483863.09, 3860377.25	2.39E-03	7.55E-07	2.20E-07	1.69E-04	5.35E-08	1.56E-08	2.42E-03	7.64E-07	2.22E-07	1.96E-04	6.19E-08	1.80E-08	2.42E-03	7.63E-07	2.22E-07	8.88E-05	2.80E-08	8.15E-09
4681 484363.09, 3860377.25	2.80E-03	8.82E-07	2.57E-07	1.67E-04	5.26E-08	1.53E-08	2.82E-03	8.91E-07	2.59E-07	1.93E-04	6.08E-08	1.77E-08	2.84E-03	8.98E-07	2.61E-07	8.73E-05	2.76E-08	8.02E-09
4682 484863.09, 3860377.25	3.21E-03	1.01E-06	2.94E-07	1.68E-04	5.29E-08	1.54E-08	3.24E-03	1.02E-06	2.97E-07	1.94E-04	6.12E-08	1.78E-08	3.28E-03	1.03E-06	3.01E-07	8.79E-05	2.78E-08	8.07E-09

4683	485363.09, 3860377.25	3.75E-03	1.18E-06	3.44E-07	1.62E-04	5.10E-08	1.48E-08	3.77E-03	1.19E-06	3.46E-07	1.87E-04	5.90E-08	1.72E-08	3.85E-03	1.22E-06	3.54E-07	8.48E-05	2.68E-08	7.79E-09
4684	485863.09, 3860377.25	4.50E-03	1.42E-06	4.13E-07	1.60E-04	5.03E-08	1.46E-08	4.53E-03	1.43E-06	4.16E-07	1.85E-04	5.82E-08	1.69E-08	4.65E-03	1.47E-06	4.27E-07	8.37E-05	2.64E-08	7.68E-09
4685	486363.09, 3860377.25	5.45E-03	1.72E-06	5.00E-07	1.56E-04	4.94E-08	1.44E-08	5.47E-03	1.73E-06	5.03E-07	1.81E-04	5.71E-08	1.66E-08	5.65E-03	1.78E-06	5.19E-07	8.21E-05	2.59E-08	7.54E-09
4686	486863.09, 3860377.25	6.86E-03	2.16E-06	6.30E-07	1.54E-04	4.88E-08	1.42E-08	6.88E-03	2.17E-06	6.32E-07	1.79E-04	5.64E-08	1.64E-08	7.14E-03	2.25E-06	6.56E-07	8.12E-05	2.56E-08	7.46E-09
4687	487363.09, 3860377.25	1.05E-02	3.32E-06	9.66E-07	1.56E-04	4.94E-08	1.44E-08	1.06E-02	3.33E-06	9.69E-07	1.81E-04	5.70E-08	1.66E-08	1.10E-02	3.48E-06	1.01E-06	8.25E-05	2.60E-08	7.57E-09
4688	487863.09, 3860377.25	5.25E-02	1.66E-05	4.82E-06	1.63E-04	5.16E-08	1.50E-08	5.25E-02	1.66E-05	4.82E-06	1.88E-04	5.95E-08	1.73E-08	5.53E-02	1.74E-05	5.07E-06	8.71E-05	2.75E-08	8.00E-09
4689	488363.09, 3860377.25	7.47E-02	2.36E-05	6.86E-06	1.71E-04	5.41E-08	1.57E-08	7.47E-02	2.36E-05	6.86E-06	1.97E-04	6.22E-08	1.81E-08	7.88E-02	2.49E-05	7.23E-06	9.39E-05	2.96E-08	8.62E-09
4690	488863.09, 3860377.25	8.16E-02	2.57E-05	7.49E-06	1.82E-04	5.73E-08	1.67E-08	8.16E-02	2.57E-05	7.49E-06	2.08E-04	6.57E-08	1.91E-08	8.60E-02	2.71E-05	7.89E-06	1.00E-04	3.17E-08	9.22E-09
4691	489363.09, 3860377.25	3.67E-02	1.16E-05	3.37E-06	1.79E-04	5.66E-08	1.65E-08	3.67E-02	1.16E-05	3.37E-06	2.07E-04	6.52E-08	1.90E-08	3.86E-02	1.22E-05	3.54E-06	9.65E-05	3.05E-08	8.86E-09
4692	489863.09, 3860377.25	1.92E-02	6.06E-06	1.76E-06	1.82E-04	5.75E-08	1.67E-08	1.92E-02	6.07E-06	1.77E-06	2.10E-04	6.64E-08	1.93E-08	2.01E-02	6.36E-06	1.85E-06	9.72E-05	3.07E-08	8.92E-09
4693	490363.09, 3860377.25	1.36E-02	4.30E-06	1.25E-06	1.88E-04	5.93E-08	1.72E-08	1.37E-02	4.31E-06	1.26E-06	2.17E-04	6.85E-08	1.99E-08	1.43E-02	4.51E-06	1.31E-06	9.97E-05	3.15E-08	9.15E-09
4694	490863.09, 3860377.25	1.07E-02	3.39E-06	9.86E-07	1.79E-04	5.65E-08	1.64E-08	1.08E-02	3.40E-06	9.89E-07	2.07E-04	6.53E-08	1.90E-08	1.12E-02	3.54E-06	1.03E-06	9.48E-05	2.99E-08	8.71E-09
4695	491363.09, 3860377.25	8.85E-03	2.79E-06	8.12E-07	1.67E-04	5.28E-08	1.53E-08	8.87E-03	2.80E-06	8.15E-07	1.93E-04	6.09E-08	1.77E-08	9.23E-03	2.91E-06	8.47E-07	8.84E-05	2.79E-08	8.12E-09
4696	491863.09, 3860377.25	7.58E-03	2.39E-06	6.96E-07	1.66E-04	5.23E-08	1.52E-08	7.61E-03	2.40E-06	6.99E-07	1.92E-04	6.04E-08	1.76E-08	7.90E-03	2.49E-06	7.25E-07	8.76E-05	2.77E-08	8.05E-09
4697	492363.09, 3860377.25	6.66E-03	2.10E-06	6.11E-07	1.72E-04	5.44E-08	1.58E-08	6.69E-03	2.11E-06	6.14E-07	1.99E-04	6.28E-08	1.83E-08	6.92E-03	2.18E-06	6.35E-07	9.10E-05	2.87E-08	8.36E-09
4698	492863.09, 3860377.25	5.92E-03	1.87E-06	5.43E-07	1.80E-04	5.68E-08	1.65E-08	5.95E-03	1.88E-06	5.46E-07	2.08E-04	6.56E-08	1.91E-08	6.13E-03	1.94E-06	5.63E-07	9.49E-05	2.99E-08	8.71E-09
4699	493363.09, 3860377.25	5.26E-03	1.66E-06	4.83E-07	1.90E-04	6.01E-08	1.75E-08	5.30E-03	1.67E-06	4.86E-07	2.20E-04	6.95E-08	2.02E-08	5.43E-03	1.72E-06	4.99E-07	1.00E-04	3.17E-08	9.21E-09
4700	493863.09, 3860377.25	4.82E-03	1.52E-06	4.42E-07	1.91E-04	6.04E-08	1.76E-08	4.85E-03	1.53E-06	4.45E-07	2.21E-04	6.98E-08	2.03E-08	4.96E-03	1.57E-06	4.55E-07	1.01E-04	3.18E-08	9.25E-09
4701	494363.09, 3860377.25	4.34E-03	1.37E-06	3.99E-07	1.89E-04	5.98E-08	1.74E-08	4.38E-03	1.38E-06	4.02E-07	2.19E-04	6.91E-08	2.01E-08	4.46E-03	1.41E-06	4.10E-07	9.98E-05	3.15E-08	9.17E-09
4702	494863.09, 3860377.25	4.03E-03	1.27E-06	3.70E-07	1.83E-04	5.77E-08	1.68E-08	4.06E-03	1.28E-06	3.73E-07	2.11E-04	6.67E-08	1.94E-08	4.13E-03	1.31E-06	3.80E-07	9.64E-05	3.04E-08	8.85E-09
4703	495363.09, 3860377.25	3.67E-03	1.16E-06	3.37E-07	1.78E-04	5.61E-08	1.63E-08	3.70E-03	1.17E-06	3.40E-07	2.06E-04	6.49E-08	1.89E-08	3.76E-03	1.19E-06	3.45E-07	9.38E-05	2.96E-08	8.61E-09
4704	495863.09, 3860377.25	3.20E-03	1.01E-06	2.94E-07	1.72E-04	5.43E-08	1.58E-08	3.23E-03	1.02E-06	2.97E-07	1.99E-04	6.28E-08	1.83E-08	3.27E-03	1.03E-06	3.00E-07	9.08E-05	2.87E-08	8.34E-09
4705	496363.09, 3860377.25	2.77E-03	8.75E-07	2.54E-07	1.65E-04	5.21E-08	1.51E-08	2.80E-03	8.84E-07	2.57E-07	1.91E-04	6.01E-08	1.75E-08	2.82E-03	8.89E-07	2.59E-07	8.71E-05	2.75E-08	8.00E-09
4706	496863.09, 3860377.25	2.45E-03	7.73E-07	2.25E-07	1.58E-04	4.98E-08	1.45E-08	2.47E-03	7.81E-07	2.27E-07	1.82E-04	5.75E-08	1.67E-08	2.48E-03	7.82E-07	2.28E-07	8.34E-05	2.63E-08	7.66E-09
4707	497363.09, 3860377.25	2.11E-03	6.67E-07	1.94E-07	1.47E-04	4.62E-08	1.35E-08	2.14E-03	6.75E-07	1.96E-07	1.69E-04	5.34E-08	1.55E-08	2.13E-03	6.73E-07	1.96E-07	7.76E-05	2.45E-08	7.12E-09
4708	497863.09, 3860377.25	2.32E-03	7.34E-07	2.13E-07	1.53E-04	4.82E-08	1.40E-08	2.35E-03	7.42E-07	2.16E-07	1.76E-04	5.57E-08	1.62E-08	2.35E-03	7.43E-07	2.16E-07	8.07E-05	2.55E-08	7.41E-09
4709	498363.09, 3860377.25	2.43E-03	7.67E-07	2.23E-07	1.52E-04	4.79E-08	1.39E-08	2.46E-03	7.75E-07	2.26E-07	1.75E-04	5.54E-08	1.61E-08	2.47E-03	7.78E-07	2.26E-07	8.02E-05	2.53E-08	7.36E-09
4710	471363.09, 3860877.25	3.31E-04	1.05E-07	3.04E-08	3.71E-05	1.17E-08	3.41E-09	3.38E-04	1.07E-07	3.10E-08	4.29E-05	1.35E-08	3.94E-09	3.26E-04	1.03E-07	2.99E-08	1.96E-05	6.17E-09	1.80E-09
4711	471863.09, 3860877.25	3.52E-04	1.11E-07	3.23E-08	3.92E-05	1.24E-08	3.60E-09	3.59E-04	1.13E-07	3.30E-08	4.53E-05	1.43E-08	4.16E-09	3.46E-04	1.09E-07	3.18E-08	2.06E-05	6.52E-09	1.90E-09
4712	472363.09, 3860877.25	3.73E-04	1.18E-07	3.42E-08	4.17E-05	1.32E-08	3.83E-09	3.80E-04	1.20E-07	3.49E-08	4.82E-05	1.52E-08	4.42E-09	3.67E-04	1.16E-07	3.37E-08	2.19E-05	6.92E-09	2.01E-09
4713	472863.09, 3860877.25	3.98E-04	1.26E-07	3.66E-08	4.47E-05	1.41E-08	4.10E-09	4.06E-04	1.28E-07	3.73E-08	5.17E-05	1.63E-08	4.74E-09	3.92E-04	1.24E-07	3.60E-08	2.35E-05	7.42E-09	2.16E-09
4714	473363.09, 3860877.25	4.19E-04	1.32E-07	3.84E-08	4.81E-05	1.52E-08	4.41E-09	4.27E-04	1.35E-07	3.92E-08	5.56E-05	1.75E-08	5.10E-09	4.11E-04	1.30E-07	3.77E-08	2.53E-05	7.98E-09	2.32E-09
4715	473863.09, 3860877.25	4.37E-04	1.38E-07	4.01E-08	5.16E-05	1.63E-08	4.73E-09	4.46E-04	1.41E-07	4.10E-08	5.96E-05	1.88E-08	5.47E-09	4.28E-04	1.35E-07	3.93E-08	2.71E-05	8.56E-09	2.49E-09
4716	474363.09, 3860877.25	4.52E-04	1.43E-07	4.15E-08	5.48E-05	1.73E-08	5.03E-09	4.62E-04	1.46E-07	4.24E-08	6.33E-05	2.00E-08	5.81E-09	4.42E-04	1.39E-07	4.06E-08	2.88E-05	9.09E-09	2.64E-09
4717	474863.09, 3860877.25	4.74E-04	1.50E-07	4.36E-08	5.74E-05	1.81E-08	5.27E-09	4.84E-04	1.53E-07	4.45E-08	6.64E-05	2.10E-08	6.09E-09	4.63E-04	1.46E-07	4.25E-08	3.02E-05	9.54E-09	2.78E-09
4718	475363.09, 3860877.25	4.67E-04	1.47E-07	4.28E-08	5.89E-05	1.86E-08	5.40E-09	4.77E-04	1.50E-07	4.38E-08	6.80E-05	2.15E-08	6.25E-09	4.54E-04	1.43E-07	4.17E-08	3.10E-05	9.80E-09	2.85E-09
4719	475863.09, 3860877.25	4.34E-04	1.37E-07	3.98E-08	5.82E-05	1.84E-08	5.35E-09	4.44E-04	1.40E-07	4.07E-08	6.73E-05	2.12E-08	6.18E-09	4.19E-04	1.32E-07	3.85E-08	3.08E-05	9.71E-09	2.83E-09
4720	476363.09, 3860877.25	3.82E-04	1.21E-07	3.51E-08	5.47E-05	1.73E-08	5.02E-09	3.91E-04	1.24E-07	3.59E-08	6.32E-05	1.99E-08	5.80E-09	3.67E-04	1.16E-07	3.37E-08	2.90E-05	9.14E-09	2.66E-09
4721	476863.09, 3860877.25	3.63E-04	1.15E-07	3.33E-08	5.37E-05	1.70E-08	4.93E-09	3.72E-04	1.17E-07	3.42E-08	6.20E-05	1.96E-08	5.70E-09	3.47E-04	1.10E-07	3.19E-08	2.84E-05	8.98E-09	2.61E-09
4722	477363.09, 3860877.25	3.72E-04	1.17E-07	3.41E-08	5.60E-05	1.77E-08	5.14E-09	3.81E-04	1.20E-07	3.50E-08	6.46E-05	2.04E-08	5.93E-09	3.55E-04	1.12E-07	3.26E-08	2.96E-05	9.35E-09	2.72E-09
4723	477863.09, 3860877.25	3.23E-04	1.02E-07	2.96E-08	4.99E-05	1.58E-08	4.58E-09	3.31E-04	1.05E-07	3.04E-08	5.77E-05	1.82E-08	5.29E-09	3.07E-04	9.70E-08	2.82E-08	2.64E-05	8.35E-09	2.43E-09
4724	478363.09, 3860877.25	2.19E-04	6.92E-08	2.01E-08	2.98E-05	9.40E-09	2.73E-09	2.24E-04	7.08E-08	2.06E-08	3.43E-05	1.08E-08	3.15E-09	2.11E-04	6.65E-08	1.94E-08	1.59E-05	5.01E-09	1.46E-09
4725	478863.09, 3860877.25	4.19E-04	1.32E-07	3.85E-08	6.40E-05	2.02E-08	5.88E-09	4.30E-04	1.36E-07	3.95E-08	7.40E-05	2.33E-08	6.79E-09	4.00E-04	1.26E-07	3.67E-08	3.39E-05	1.07E-08	3.11E-09
4726	479363.09, 3860877.25	6.24E-04	1.97E-07	5.73E-08	8.01E-05	2.53E-08	7.36E-09	6.38E-04	2.01E-07	5.85E-08	9.26E-05	2.92E-08	8.50E-09	6.06E-04	1.91E-07	5.57E-08	4.23E-05	1.33E-08	3.88E-09
4727	479863.09, 3860877.25	8.34E-04	2.63E-07	7.66E-08	8.73E-05	2.75E-08	8.01E-09	8.49E-04	2.68E-07	7.79E-08	1.01E-04	3.18E-08	9.26E-09	8.24E-04	2.60E-07	7.56E-08	4.59E-05	1.45E-08	4.21E-09
4728	480363.09, 3860877.25	1.02E-03	3.22E-07	9.38E-08	9.29E-05	2.93E-08	8.52E-09	1.04E-03	3.27E-07	9.52E-08	1.07E-04	3.39E-08	9.86E-09	1.02E-03	3.21E-07	9.35E-08	4.88E-05	1.54E-08	4.48E-09
4729	480863.09, 3860877.25	1.15E-03	3.64E-07	1.06E-07	9.90E-05	3.13E-08	9.09E-09	1.17E-03	3.70E-07	1.07E-07	1.15E-04	3.62E-08	1.05E-08	1.15E-03	3.64E-07	1.06E-07	5.20E-05	1.64E-08	4.77E-09
4730	481363.09, 3860877.25	1.30E-03	4.09E-07	1.19E-07	1.07E-04	3.39E-08	9.85E-09	1.32E-03	4.15E-07	1.21E-07	1.24E-04	3.92E-08	1.14E-08	1.30E-03	4.10E-07	1.19E-07	5.63E-05	1.78E-08	5.17E-09
4731	481863.09, 3860877.25	1.42E-03	4.48E-07	1.30E-07	1.17E-04	3.68E-08	1.07E-08	1.44E-03	4.54E-07	1.32E-07	1.35E-04	4.26E-08	1.24E-08	1.42E-03	4.49E-07	1.31E-07	6.12E-05	1.93E-08	5.61E-09
4732	482363.09, 3860877.25	1.58E-03	5.00E-07	1.45E-07	1.24E-04	3.91E-08	1.14E-08	1.60E-03	5.06E-07	1.47E-07	1.43E-04	4.52E-08	1.32E-08	1.59E-03	5.03E-07	1.46E-07	6.50E-05	2.05E-08	5.97E-09
4733	482863.09, 3860877.25	1.73E-03	5.46E-07	1.59E-07	1.31E-04	4.12E-08	1.20E-08	1.75E-03	5.53E-07	1.61E-07	1.51E-04	4.77E-08	1.39E-08	1.74E-03	5.50E-07	1.60E-07	6.85E-05	2.16E-08	6.29E-09
4734	483363.09, 3860877.25	1.89E-03	5.97E-07	1.74E-07	1.39E-04	4.40E-08	1.28E-08	1.92E-03	6.05E-07	1.76E-07	1.61E-04	5.08E-08	1.48E-08	1.91E-03	6.02E-07	1.75E-07	7.30E-05	2.30E-08	6.70E-09
4735	483863.09, 3860877.25	2.08E-03	6.57E-07	1.91E-07	1.44E-04	4.55E-08	1.32E-08	2.11E-03	6.65E-07	1.94E-07	1.67E-04	5.27E-08	1.53E-08	2.11E-03	6.65E-07	1.93E-07	7.56E-05	2.39E-08	6.94E-09
4736	484363.09, 3860877.25	2.37E-03	7.49E-07	2.18E-07	1.44E-04	4.55E-08	1.32E-08	2.40E-03	7.56E-07	2.20E-07	1.67E-04	5.26E-08	1.53E-08	2.41E-03	7.61E-07	2.21E-07	7.56E-05	2.39E-08	6.94E-09
4737	484863.09, 3860877.25	2.68E-03	8.47E-07	2.46E-07	1.39E-04	4.39E-08	1.28E-08	2.71E-03	8.55E-07	2.49E-07	1.61E-04	5.07E-08	1.48E-08	2.75E-03	8.66E-07	2.52E-07	7.29E-05	2.30E-08	6.69E-09
4738	485363.09, 3860877.25	3.06E-03	9.64E-07	2.80E-07	1.35E-04	4.25E-08	1.23E-08	3.08E-03	9.72E-07	2.83E-07	1.56E-04	4.91E-08	1.43E-08	3.14E-03	9.91E-07	2.88E-07	7.06E-05	2.23E-08	6.48E-09
4739	485863.09, 3860877.25	3.52E-03	1.11E-06	3.23E-07	1.34E-04	4.23E-08	1.23E-08	3.54E-03	1.12E-06	3.25E-07	1.55E-04	4.89E-08	1.42E-08	3.63E-03	1.15E-06	3.33E-07	7.03E-05	2.22E-08	6.45E-09
4740	486363.09, 3860877.25	4.04E-03	1.28E-06	3.71E-07	1.29E-04	4.08E-08	1.19E-08	4.07E-03	1.28E-06	3.73E-07	1.50E-04	4.72E-08	1.37E-08	4.19E-03	1.32E-06	3.84E-07	6.79E-05	2.14E-08	6.23E-09
4741	486863.09, 3860877.25	4.85E-03	1.53E-06	4.45E-07	1.28E-04	4.04E-08	1.18E-08	4.87E-03	1.54E-06	4.47E-07	1.48E-04	4.68E-08	1.36E-08	5.04E-03	1.59E-06	4.62E-07	6.73E-05	2.12E-08	6.18E-09
4742	487363.09, 3860877.25	6.22E-03	1.96E-06	5.71E-07	1.29E-04	4.08E-08	1.19E-08	6.25E-03	1.97E-06	5.73E-07	1.50E-04	4.72E-08	1.37E-08	6.49E-03	2.05E-06	5.96E-07	6.80E-05	2.15E-08	6.24E-09
4743	487863.09, 3860877.25	7.88E-03	2.49E-06	7.23E-07	1.31E-04	4.13E-08	1.20E-08	7.90E-03	2.49E-06	7.25E-07	1.51E-04	4.77E-08	1.39E-08	8.23E-03	2.60E-06	7.56E-07	6.90E-05	2.18E-08	6.34E-09
4744	488363.09, 3860877.25	9.85E-03	3.11E-06	9.04E-07	1.35E-04	4.27E-08	1.24E-08	9.87E-03	3.11E-06	9.06E-07	1.56E-04	4.93E-08	1.44E-08	1.03E-02	3.25E-06	9.46E-07	7.15E-05	2.26E-08	6.56E-09
4745	488863.09, 3860877.25	1.05E-02	3.30E-06	9.60E-07	1.38E-04	4.35E-08	1.26E-08	1.05E-02	3.31E-06	9.62E-07	1.59E-04	5.02E-08	1.46E-08	1.10E-02	3.46E-06	1.01E-06	7.26E-05	2.29E-08	6.66E-09
4746	489363.09, 3860877.25	1.04E-02	3.28E-06	9.54E-07	1.44E-04	4.53E-08	1.32E-08	1.04E-02	3.29E-06	9.56E-07	1.66E-04	5.24E-08	1.52E-08	1.09E-02	3.43E-06	9.99E-07	7.58E-05	2.39E-08	6.96E-09
4747	489863.09, 3860877.25	9.27E-03	2.93E-06	8.51E-07	1.43E-04	4.51E-08	1.31E-08	9.30E-03	2.93E-06	8.54E-07	1.65E-04	5.21E-08	1.51E-08	9.70E-03	3.06E-06	8.90E-07	7.53E-05	2.38E-08	6.91E-09
4748	490363.09, 3860877.25	8.18E-03	2.58E-06	7.51E-07	1.45E-04	4.59E-08	1.34E-08	8.20E-03	2.59E-06	7.53E-07	1.68E-04	5.31E-08	1.54E-08	8.54E-03	2.70E-06	7.84E-07	7.67E-05	2.42E-08	7.04E-09

4749	490863.09, 3860877.25	7.18E-03	2.27E-06	6.59E-07	1.52E-04	4.80E-08	1.40E-08	7.21E-03	2.27E-06	6.62E-07	1.76E-04	5.55E-08	1.61E-08	7.48E-03	2.36E-06	6.87E-07	8.01E-05	2.53E-08	7.35E-09
4750	491363.09, 3860877.25	6.39E-03	2.02E-06	5.86E-07	1.47E-04	4.65E-08	1.35E-08	6.41E-03	2.02E-06	5.89E-07	1.70E-04	5.37E-08	1.56E-08	6.65E-03	2.10E-06	6.10E-07	7.76E-05	2.45E-08	7.12E-09
4751	491863.09, 3860877.25	5.75E-03	1.81E-06	5.28E-07	1.38E-04	4.37E-08	1.27E-08	5.77E-03	1.82E-06	5.30E-07	1.60E-04	5.05E-08	1.47E-08	5.98E-03	1.89E-06	5.49E-07	7.30E-05	2.30E-08	6.70E-09
4752	492363.09, 3860877.25	5.10E-03	1.61E-06	4.68E-07	1.33E-04	4.20E-08	1.22E-08	5.13E-03	1.62E-06	4.71E-07	1.54E-04	4.85E-08	1.41E-08	5.30E-03	1.67E-06	4.87E-07	7.01E-05	2.21E-08	6.44E-09
4753	492863.09, 3860877.25	4.68E-03	1.48E-06	4.30E-07	1.35E-04	4.25E-08	1.24E-08	4.70E-03	1.48E-06	4.32E-07	1.56E-04	4.91E-08	1.43E-08	4.85E-03	1.53E-06	4.46E-07	7.10E-05	2.24E-08	6.52E-09
4754	493363.09, 3860877.25	4.36E-03	1.38E-06	4.00E-07	1.41E-04	4.45E-08	1.30E-08	4.38E-03	1.38E-06	4.02E-07	1.63E-04	5.15E-08	1.50E-08	4.51E-03	1.42E-06	4.14E-07	7.43E-05	2.35E-08	6.83E-09
4755	493863.09, 3860877.25	4.02E-03	1.27E-06	3.69E-07	1.47E-04	4.65E-08	1.35E-08	4.05E-03	1.28E-06	3.72E-07	1.70E-04	5.38E-08	1.56E-08	4.15E-03	1.31E-06	3.81E-07	7.76E-05	2.45E-08	7.12E-09
4756	494363.09, 3860877.25	3.74E-03	1.18E-06	3.44E-07	1.53E-04	4.83E-08	1.40E-08	3.77E-03	1.19E-06	3.46E-07	1.77E-04	5.58E-08	1.62E-08	3.85E-03	1.22E-06	3.54E-07	8.05E-05	2.54E-08	7.39E-09
4757	494863.09, 3860877.25	3.50E-03	1.10E-06	3.21E-07	1.55E-04	4.90E-08	1.43E-08	3.53E-03	1.11E-06	3.24E-07	1.80E-04	5.67E-08	1.65E-08	3.60E-03	1.13E-06	3.30E-07	8.18E-05	2.58E-08	7.51E-09
4758	495363.09, 3860877.25	3.28E-03	1.03E-06	3.01E-07	1.54E-04	4.86E-08	1.41E-08	3.30E-03	1.04E-06	3.03E-07	1.78E-04	5.62E-08	1.63E-08	3.36E-03	1.06E-06	3.08E-07	8.10E-05	2.56E-08	7.44E-09
4759	495863.09, 3860877.25	3.07E-03	9.70E-07	2.82E-07	1.50E-04	4.72E-08	1.37E-08	3.10E-03	9.78E-07	2.85E-07	1.73E-04	5.46E-08	1.59E-08	3.15E-03	9.94E-07	2.89E-07	7.88E-05	2.49E-08	7.24E-09
4760	496363.09, 3860877.25	2.87E-03	9.06E-07	2.63E-07	1.47E-04	4.64E-08	1.35E-08	2.89E-03	9.13E-07	2.66E-07	1.70E-04	5.37E-08	1.56E-08	2.93E-03	9.26E-07	2.69E-07	7.75E-05	2.45E-08	7.12E-09
4761	496863.09, 3860877.25	2.54E-03	8.02E-07	2.33E-07	1.43E-04	4.52E-08	1.32E-08	2.57E-03	8.10E-07	2.36E-07	1.66E-04	5.23E-08	1.52E-08	2.59E-03	8.18E-07	2.38E-07	7.55E-05	2.38E-08	6.94E-09
4762	497363.09, 3860877.25	2.41E-03	7.60E-07	2.21E-07	1.40E-04	4.41E-08	1.28E-08	2.43E-03	7.68E-07	2.23E-07	1.62E-04	5.10E-08	1.48E-08	2.45E-03	7.74E-07	2.25E-07	7.37E-05	2.33E-08	6.76E-09
4763	497863.09, 3860877.25	2.24E-03	7.08E-07	2.06E-07	1.36E-04	4.30E-08	1.25E-08	2.27E-03	7.15E-07	2.08E-07	1.57E-04	4.97E-08	1.45E-08	2.28E-03	7.19E-07	2.09E-07	7.19E-05	2.27E-08	6.60E-09
4764	498363.09, 3860877.25	2.24E-03	7.06E-07	2.05E-07	1.34E-04	4.24E-08	1.23E-08	2.26E-03	7.13E-07	2.07E-07	1.55E-04	4.90E-08	1.42E-08	2.27E-03	7.18E-07	2.09E-07	7.08E-05	2.23E-08	6.50E-09
4765	471363.09, 3861377.25	3.46E-04	1.09E-07	3.18E-08	3.74E-05	1.18E-08	3.44E-09	3.52E-04	1.11E-07	3.23E-08	4.33E-05	1.37E-08	3.97E-09	3.41E-04	1.08E-07	3.13E-08	1.97E-05	6.23E-09	1.81E-09
4766	471863.09, 3861377.25	3.64E-04	1.15E-07	3.34E-08	3.98E-05	1.26E-08	3.66E-09	3.70E-04	1.17E-07	3.40E-08	4.61E-05	1.45E-08	4.23E-09	3.58E-04	1.13E-07	3.28E-08	2.10E-05	6.63E-09	1.93E-09
4767	472363.09, 3861377.25	3.82E-04	1.21E-07	3.51E-08	4.26E-05	1.34E-08	3.91E-09	3.89E-04	1.23E-07	3.57E-08	4.92E-05	1.55E-08	4.52E-09	3.75E-04	1.18E-07	3.45E-08	2.24E-05	7.08E-09	2.06E-09
4768	472863.09, 3861377.25	4.04E-04	1.28E-07	3.71E-08	4.54E-05	1.43E-08	4.17E-09	4.12E-04	1.30E-07	3.78E-08	5.25E-05	1.66E-08	4.82E-09	3.97E-04	1.25E-07	3.65E-08	2.39E-05	7.55E-09	2.19E-09
4769	473363.09, 3861377.25	4.25E-04	1.34E-07	3.90E-08	4.80E-05	1.52E-08	4.41E-09	4.33E-04	1.37E-07	3.97E-08	5.55E-05	1.75E-08	5.10E-09	4.17E-04	1.32E-07	3.83E-08	2.53E-05	7.98E-09	2.32E-09
4770	473863.09, 3861377.25	4.41E-04	1.39E-07	4.05E-08	5.03E-05	1.59E-08	4.61E-09	4.49E-04	1.42E-07	4.12E-08	5.81E-05	1.83E-08	5.33E-09	4.32E-04	1.36E-07	3.97E-08	2.65E-05	8.35E-09	2.43E-09
4771	474363.09, 3861377.25	4.68E-04	1.48E-07	4.30E-08	5.21E-05	1.64E-08	4.78E-09	4.77E-04	1.51E-07	4.38E-08	6.02E-05	1.90E-08	5.53E-09	4.60E-04	1.45E-07	4.22E-08	2.74E-05	8.66E-09	2.52E-09
4772	474863.09, 3861377.25	4.80E-04	1.51E-07	4.40E-08	5.35E-05	1.69E-08	4.91E-09	4.89E-04	1.54E-07	4.49E-08	6.19E-05	1.95E-08	5.68E-09	4.72E-04	1.49E-07	4.33E-08	2.82E-05	8.90E-09	2.59E-09
4773	475363.09, 3861377.25	5.08E-04	1.60E-07	4.66E-08	5.53E-05	1.75E-08	5.08E-09	5.18E-04	1.63E-07	4.75E-08	6.39E-05	2.02E-08	5.87E-09	5.00E-04	1.58E-07	4.59E-08	2.91E-05	9.20E-09	2.68E-09
4774	475863.09, 3861377.25	5.11E-04	1.61E-07	4.69E-08	5.71E-05	1.80E-08	5.24E-09	5.21E-04	1.64E-07	4.78E-08	6.60E-05	2.08E-08	6.06E-09	5.02E-04	1.58E-07	4.61E-08	3.01E-05	9.50E-09	2.76E-09
4775	476363.09, 3861377.25	4.96E-04	1.56E-07	4.55E-08	5.88E-05	1.86E-08	5.40E-09	5.06E-04	1.60E-07	4.64E-08	6.80E-05	2.15E-08	6.24E-09	4.85E-04	1.53E-07	4.45E-08	3.10E-05	9.79E-09	2.85E-09
4776	476863.09, 3861377.25	4.87E-04	1.54E-07	4.47E-08	6.06E-05	1.91E-08	5.56E-09	4.97E-04	1.57E-07	4.56E-08	7.00E-05	2.21E-08	6.43E-09	4.74E-04	1.50E-07	4.35E-08	3.20E-05	1.01E-08	2.93E-09
4777	477363.09, 3861377.25	4.86E-04	1.54E-07	4.47E-08	6.24E-05	1.97E-08	5.73E-09	4.97E-04	1.57E-07	4.56E-08	7.21E-05	2.28E-08	6.62E-09	4.72E-04	1.49E-07	4.34E-08	3.29E-05	1.04E-08	3.02E-09
4778	477863.09, 3861377.25	3.98E-04	1.25E-07	3.65E-08	5.74E-05	1.81E-08	5.27E-09	4.07E-04	1.29E-07	3.74E-08	6.63E-05	2.09E-08	6.09E-09	3.81E-04	1.20E-07	3.50E-08	3.04E-05	9.59E-09	2.79E-09
4779	478363.09, 3861377.25	2.52E-04	7.94E-08	2.31E-08	3.65E-05	1.15E-08	3.35E-09	2.58E-04	8.13E-08	2.37E-08	4.21E-05	1.33E-08	3.87E-09	2.41E-04	7.59E-08	2.21E-08	1.94E-05	6.13E-09	1.78E-09
4780	478863.09, 3861377.25	3.06E-04	9.65E-08	2.81E-08	4.45E-05	1.41E-08	4.09E-09	3.13E-04	9.89E-08	2.88E-08	5.14E-05	1.62E-08	4.72E-09	2.92E-04	9.23E-08	2.69E-08	2.37E-05	7.47E-09	2.17E-09
4781	479363.09, 3861377.25	5.84E-04	1.84E-07	5.36E-08	7.00E-05	2.21E-08	6.42E-09	5.96E-04	1.88E-07	5.47E-08	8.08E-05	2.55E-08	7.42E-09	5.70E-04	1.80E-07	5.23E-08	3.70E-05	1.17E-08	3.40E-09
4782	479863.09, 3861377.25	7.98E-04	2.52E-07	7.33E-08	7.87E-05	2.48E-08	7.22E-09	8.11E-04	2.56E-07	7.45E-08	9.09E-05	2.87E-08	8.35E-09	7.91E-04	2.50E-07	7.27E-08	4.14E-05	1.31E-08	3.80E-09
4783	480363.09, 3861377.25	9.96E-04	3.14E-07	9.15E-08	8.45E-05	2.67E-08	7.76E-09	1.01E-03	3.19E-07	9.28E-08	9.77E-05	3.08E-08	8.97E-09	9.97E-04	3.15E-07	9.15E-08	4.44E-05	1.40E-08	4.08E-09
4784	480863.09, 3861377.25	1.12E-03	3.53E-07	1.03E-07	9.06E-05	2.86E-08	8.32E-09	1.13E-03	3.58E-07	1.04E-07	1.05E-04	3.31E-08	9.62E-09	1.12E-03	3.55E-07	1.03E-07	4.76E-05	1.50E-08	4.37E-09
4785	481363.09, 3861377.25	1.24E-03	3.91E-07	1.14E-07	9.74E-05	3.07E-08	8.94E-09	1.25E-03	3.96E-07	1.15E-07	1.13E-04	3.55E-08	1.03E-08	1.24E-03	3.93E-07	1.14E-07	5.11E-05	1.61E-08	4.69E-09
4786	481863.09, 3861377.25	1.34E-03	4.22E-07	1.23E-07	1.04E-04	3.29E-08	9.57E-09	1.35E-03	4.27E-07	1.24E-07	1.21E-04	3.81E-08	1.11E-08	1.34E-03	4.24E-07	1.23E-07	5.47E-05	1.73E-08	5.02E-09
4787	482363.09, 3861377.25	1.44E-03	4.55E-07	1.32E-07	1.09E-04	3.46E-08	1.01E-08	1.46E-03	4.61E-07	1.34E-07	1.27E-04	4.00E-08	1.16E-08	1.45E-03	4.58E-07	1.33E-07	5.75E-05	1.81E-08	5.28E-09
4788	482863.09, 3861377.25	1.56E-03	4.91E-07	1.43E-07	1.15E-04	3.63E-08	1.06E-08	1.57E-03	4.97E-07	1.45E-07	1.33E-04	4.20E-08	1.22E-08	1.57E-03	4.95E-07	1.44E-07	6.04E-05	1.91E-08	5.54E-09
4789	483363.09, 3861377.25	1.68E-03	5.30E-07	1.54E-07	1.21E-04	3.81E-08	1.11E-08	1.70E-03	5.37E-07	1.56E-07	1.40E-04	4.41E-08	1.28E-08	1.70E-03	5.35E-07	1.56E-07	6.33E-05	2.00E-08	5.81E-09
4790	483863.09, 3861377.25	1.83E-03	5.78E-07	1.68E-07	1.23E-04	3.88E-08	1.13E-08	1.85E-03	5.84E-07	1.70E-07	1.42E-04	4.49E-08	1.31E-08	1.85E-03	5.85E-07	1.70E-07	6.45E-05	2.04E-08	5.92E-09
4791	484363.09, 3861377.25	2.00E-03	6.31E-07	1.84E-07	1.25E-04	3.94E-08	1.15E-08	2.02E-03	6.38E-07	1.86E-07	1.44E-04	4.56E-08	1.33E-08	2.03E-03	6.41E-07	1.87E-07	6.55E-05	2.07E-08	6.01E-09
4792	484863.09, 3861377.25	2.26E-03	7.14E-07	2.08E-07	1.20E-04	3.78E-08	1.10E-08	2.28E-03	7.20E-07	2.10E-07	1.39E-04	4.37E-08	1.27E-08	2.31E-03	7.30E-07	2.12E-07	6.28E-05	1.98E-08	5.77E-09
4793	485363.09, 3861377.25	2.49E-03	7.86E-07	2.29E-07	1.14E-04	3.60E-08	1.05E-08	2.51E-03	7.92E-07	2.30E-07	1.32E-04	4.16E-08	1.21E-08	2.56E-03	8.07E-07	2.35E-07	5.98E-05	1.89E-08	5.49E-09
4794	485863.09, 3861377.25	2.77E-03	8.73E-07	2.54E-07	1.12E-04	3.52E-08	1.02E-08	2.79E-03	8.79E-07	2.56E-07	1.29E-04	4.07E-08	1.18E-08	2.85E-03	8.99E-07	2.62E-07	5.85E-05	1.85E-08	5.37E-09
4795	486363.09, 3861377.25	3.05E-03	9.63E-07	2.80E-07	1.09E-04	3.44E-08	1.00E-08	3.07E-03	9.69E-07	2.82E-07	1.26E-04	3.97E-08	1.16E-08	3.15E-03	9.95E-07	2.89E-07	5.71E-05	1.80E-08	5.25E-09
4796	486863.09, 3861377.25	3.42E-03	1.08E-06	3.14E-07	1.09E-04	3.43E-08	9.97E-09	3.44E-03	1.08E-06	3.16E-07	1.26E-04	3.96E-08	1.15E-08	3.54E-03	1.12E-06	3.25E-07	5.69E-05	1.80E-08	5.23E-09
4797	487363.09, 3861377.25	3.86E-03	1.22E-06	3.55E-07	1.10E-04	3.46E-08	1.01E-08	3.88E-03	1.23E-06	3.56E-07	1.27E-04	4.00E-08	1.16E-08	4.01E-03	1.27E-06	3.68E-07	5.75E-05	1.82E-08	5.28E-09
4798	487863.09, 3861377.25	4.16E-03	1.31E-06	3.82E-07	1.11E-04	3.50E-08	1.02E-08	4.17E-03	1.32E-06	3.83E-07	1.28E-04	4.05E-08	1.18E-08	4.32E-03	1.36E-06	3.96E-07	5.83E-05	1.84E-08	5.36E-09
4799	488363.09, 3861377.25	4.24E-03	1.34E-06	3.89E-07	1.09E-04	3.44E-08	1.00E-08	4.25E-03	1.34E-06	3.91E-07	1.26E-04	3.98E-08	1.16E-08	4.40E-03	1.39E-06	4.04E-07	5.74E-05	1.81E-08	5.27E-09
4800	488863.09, 3861377.25	4.40E-03	1.39E-06	4.04E-07	1.12E-04	3.55E-08	1.03E-08	4.42E-03	1.40E-06	4.06E-07	1.30E-04	4.10E-08	1.19E-08	4.58E-03	1.44E-06	4.20E-07	5.90E-05	1.86E-08	5.42E-09
4801	489363.09, 3861377.25	4.51E-03	1.42E-06	4.14E-07	1.16E-04	3.65E-08	1.06E-08	4.53E-03	1.43E-06	4.16E-07	1.34E-04	4.22E-08	1.23E-08	4.69E-03	1.48E-06	4.31E-07	6.07E-05	1.92E-08	5.57E-09
4802	489863.09, 3861377.25	4.57E-03	1.44E-06	4.20E-07	1.18E-04	3.73E-08	1.08E-08	4.60E-03	1.45E-06	4.22E-07	1.37E-04	4.31E-08	1.25E-08	4.75E-03	1.50E-06	4.37E-07	6.20E-05	1.96E-08	5.69E-09
4803	490363.09, 3861377.25	4.48E-03	1.41E-06	4.11E-07	1.19E-04	3.76E-08	1.09E-08	4.50E-03	1.42E-06	4.13E-07	1.38E-04	4.35E-08	1.27E-08	4.65E-03	1.47E-06	4.27E-07	6.27E-05	1.98E-08	5.75E-09
4804	490863.09, 3861377.25	4.38E-03	1.38E-06	4.02E-07	1.21E-04	3.81E-08	1.11E-08	4.40E-03	1.39E-06	4.04E-07	1.40E-04	4.41E-08	1.28E-08	4.54E-03	1.43E-06	4.17E-07	6.35E-05	2.00E-08	5.83E-09
4805	491363.09, 3861377.25	4.20E-03	1.33E-06	3.85E-07	1.27E-04	4.00E-08	1.16E-08	4.22E-03	1.33E-06	3.87E-07	1.46E-04	4.62E-08	1.34E-08	4.35E-03	1.37E-06	3.99E-07	6.65E-05	2.10E-08	6.11E-09
4806	491863.09, 3861377.25	4.01E-03	1.27E-06	3.68E-07	1.24E-04	3.92E-08	1.14E-08	4.03E-03	1.27E-06	3.70E-07	1.44E-04	4.54E-08	1.32E-08	4.15E-03	1.31E-06	3.81E-07	6.54E-05	2.06E-08	6.00E-09
4807	492363.09, 3861377.25	3.82E-03	1.21E-06	3.51E-07	1.17E-04	3.68E-08	1.07E-08	3.84E-03	1.21E-06	3.53E-07	1.35E-04	4.26E-08	1.24E-08	3.96E-03	1.25E-06	3.64E-07	6.14E-05	1.94E-08	5.63E-09
4808	492863.09, 3861377.25	3.62E-03	1.14E-06	3.32E-07	1.12E-04	3.55E-08	1.03E-08	3.63E-03	1.15E-06	3.34E-07	1.30E-04	4.10E-08	1.19E-08	3.74E-03	1.18E-06	3.44E-07	5.92E-05	1.87E-08	5.43E-09
4809	493363.09, 3861377.25	3.41E-03	1.08E-06	3.13E-07	1.12E-04	3.55E-08	1.03E-08	3.43E-03	1.08E-06	3.15E-07	1.30E-04	4.10E-08	1.19E-08	3.53E-03	1.11E-06	3.24E-07	5.91E-05	1.87E-08	5.43E-09
4810	493863.09, 3861377.25	3.21E-03	1.01E-06	2.95E-07	1.13E-04	3.58E-08	1.04E-08	3.23E-03	1.02E-06	2.97E-07	1.31E-04	4.14E-08	1.20E-08	3.32E-03	1.05E-06	3.05E-07	5.97E-05	1.89E-08	5.48E-09
4811	494363.09, 3861377.25	3.04E-03	9.59E-07	2.79E-07	1.17E-04	3.70E-08	1.07E-08	3.06E-03	9.65E-07	2.81E-07	1.35E-04	4.27E-08	1.24E-08	3.13E-03	9.88E-07	2.87E-07	6.16E-05	1.94E-08	5.65E-09
4812	494863.09, 3861377.25	2.88E-03	9.10E-07	2.65E-07	1.22E-04	3.87E-08	1.12E-08	2.90E-03	9.16E-07	2.67E-07	1.42E-04	4.47E-08	1.30E-08	2.96E-03	9.36E-07	2.72E-07	6.44E-05	2.03E-08	5.91E-09
4813	495363.09, 3861377.25	2.74E-03	8.64E-07	2.51E-07	1.26E-04	3.99E-08	1.16E-08	2.76E-03	8.71E-07	2.53E-07	1.46E-04	4.61E-08	1.34E-08	2.81E-03	8.87E-07	2.58E-07	6.64E-05	2.10E-08	6.10E-09
4814	495863.09, 3861377.25	2.60E-03	8.20E-07	2.39E-07	1.27E-04	4.00E-08	1.16E-08	2.62E-03	8.27E-07	2.41E-07	1.46E-04	4.62E-08	1.34E-08	2.66E-03	8.40E-07	2.44E-07	6.66E-05	2.10E-08	6.11E-09

4815 496363.09, 3861377.25	2.50E-03	7.88E-07	2.29E-07	1.27E-04	4.00E-08	1.16E-08	2.52E-03	7.95E-07	2.31E-07	1.47E-04	4.62E-08	1.34E-08	2.55E-03	8.06E-07	2.34E-07	6.66E-05	2.10E-08	6.12E-09
4816 496863.09, 3861377.25	2.40E-03	7.56E-07	2.20E-07	1.27E-04	4.00E-08	1.16E-08	2.42E-03	7.63E-07	2.22E-07	1.46E-04	4.62E-08	1.34E-08	2.45E-03	7.72E-07	2.25E-07	6.67E-05	2.10E-08	6.12E-09
4817 497363.09, 3861377.25	2.28E-03	7.20E-07	2.09E-07	1.24E-04	3.91E-08	1.14E-08	2.30E-03	7.26E-07	2.11E-07	1.43E-04	4.52E-08	1.31E-08	2.33E-03	7.34E-07	2.14E-07	6.52E-05	2.06E-08	5.98E-09
4818 497863.09, 3861377.25	2.18E-03	6.87E-07	2.00E-07	1.21E-04	3.82E-08	1.11E-08	2.20E-03	6.93E-07	2.02E-07	1.40E-04	4.41E-08	1.28E-08	2.22E-03	7.00E-07	2.04E-07	6.37E-05	2.01E-08	5.85E-09
4819 498363.09, 3861377.25	2.07E-03	6.53E-07	1.90E-07	1.19E-04	3.75E-08	1.09E-08	2.09E-03	6.60E-07	1.92E-07	1.37E-04	4.33E-08	1.26E-08	2.11E-03	6.65E-07	1.94E-07	6.25E-05	1.97E-08	5.74E-09
4820 471363.09, 3861877.25	3.50E-04	1.10E-07	3.21E-08	3.80E-05	1.20E-08	3.49E-09	3.56E-04	1.12E-07	3.27E-08	4.39E-05	1.39E-08	4.03E-09	3.44E-04	1.09E-07	3.16E-08	2.00E-05	6.33E-09	1.84E-09
4821 471863.09, 3861877.25	3.66E-04	1.16E-07	3.36E-08	4.03E-05	1.27E-08	3.70E-09	3.73E-04	1.18E-07	3.43E-08	4.66E-05	1.47E-08	4.27E-09	3.60E-04	1.14E-07	3.31E-08	2.12E-05	6.70E-09	1.95E-09
4822 472363.09, 3861877.25	3.84E-04	1.21E-07	3.53E-08	4.24E-05	1.34E-08	3.90E-09	3.91E-04	1.24E-07	3.59E-08	4.90E-05	1.55E-08	4.50E-09	3.78E-04	1.19E-07	3.47E-08	2.24E-05	7.06E-09	2.05E-09
4823 472863.09, 3861877.25	4.05E-04	1.28E-07	3.72E-08	4.43E-05	1.40E-08	4.07E-09	4.12E-04	1.30E-07	3.78E-08	5.12E-05	1.62E-08	4.70E-09	3.98E-04	1.26E-07	3.66E-08	2.33E-05	7.37E-09	2.14E-09
4824 473363.09, 3861877.25	4.25E-04	1.34E-07	3.90E-08	4.58E-05	1.45E-08	4.20E-09	4.33E-04	1.37E-07	3.97E-08	5.29E-05	1.67E-08	4.86E-09	4.19E-04	1.32E-07	3.84E-08	2.41E-05	7.62E-09	2.22E-09
4825 473863.09, 3861877.25	4.43E-04	1.40E-07	4.06E-08	4.71E-05	1.49E-08	4.32E-09	4.51E-04	1.42E-07	4.14E-08	5.44E-05	1.72E-08	5.00E-09	4.36E-04	1.38E-07	4.01E-08	2.48E-05	7.83E-09	2.28E-09
4826 474363.09, 3861877.25	4.63E-04	1.46E-07	4.25E-08	4.84E-05	1.53E-08	4.44E-09	4.72E-04	1.49E-07	4.33E-08	5.59E-05	1.77E-08	5.14E-09	4.57E-04	1.44E-07	4.20E-08	2.55E-05	8.05E-09	2.34E-09
4827 474863.09, 3861877.25	4.80E-04	1.52E-07	4.41E-08	4.99E-05	1.58E-08	4.58E-09	4.89E-04	1.54E-07	4.49E-08	5.77E-05	1.82E-08	5.30E-09	4.74E-04	1.50E-07	4.36E-08	2.63E-05	8.30E-09	2.42E-09
4828 475363.09, 3861877.25	5.01E-04	1.58E-07	4.60E-08	5.18E-05	1.63E-08	4.75E-09	5.10E-04	1.61E-07	4.68E-08	5.99E-05	1.89E-08	5.50E-09	4.95E-04	1.56E-07	4.54E-08	2.73E-05	8.61E-09	2.50E-09
4829 475863.09, 3861877.25	5.28E-04	1.67E-07	4.85E-08	5.38E-05	1.70E-08	4.94E-09	5.37E-04	1.69E-07	4.93E-08	6.22E-05	1.96E-08	5.71E-09	5.22E-04	1.65E-07	4.79E-08	2.84E-05	8.95E-09	2.60E-09
4830 476363.09, 3861877.25	5.46E-04	1.72E-07	5.01E-08	5.58E-05	1.76E-08	5.13E-09	5.55E-04	1.75E-07	5.10E-08	6.45E-05	2.04E-08	5.93E-09	5.40E-04	1.70E-07	4.96E-08	2.94E-05	9.28E-09	2.70E-09
4831 476863.09, 3861877.25	5.48E-04	1.73E-07	5.03E-08	5.77E-05	1.82E-08	5.29E-09	5.57E-04	1.76E-07	5.12E-08	6.66E-05	2.10E-08	6.12E-09	5.40E-04	1.71E-07	4.96E-08	3.04E-05	9.59E-09	2.79E-09
4832 477363.09, 3861877.25	5.39E-04	1.70E-07	4.94E-08	5.84E-05	1.84E-08	5.36E-09	5.48E-04	1.73E-07	5.03E-08	6.75E-05	2.13E-08	6.20E-09	5.30E-04	1.67E-07	4.87E-08	3.08E-05	9.73E-09	2.83E-09
4833 477863.09, 3861877.25	4.13E-04	1.30E-07	3.79E-08	5.28E-05	1.67E-08	4.85E-09	4.21E-04	1.33E-07	3.87E-08	6.10E-05	1.93E-08	5.60E-09	4.00E-04	1.26E-07	3.67E-08	2.81E-05	8.86E-09	2.58E-09
4834 478363.09, 3861877.25	2.08E-04	6.55E-08	1.91E-08	2.86E-05	9.03E-09	2.63E-09	2.12E-04	6.70E-08	1.95E-08	3.30E-05	1.04E-08	3.03E-09	1.99E-04	6.29E-08	1.83E-08	1.53E-05	4.82E-09	1.40E-09
4835 478863.09, 3861877.25	3.28E-04	1.03E-07	3.01E-08	4.68E-05	1.48E-08	4.30E-09	3.35E-04	1.06E-07	3.08E-08	5.41E-05	1.71E-08	4.96E-09	3.14E-04	9.92E-08	2.89E-08	2.48E-05	7.83E-09	2.28E-09
4836 479363.09, 3861877.25	3.01E-04	9.51E-08	2.77E-08	4.50E-05	1.42E-08	4.13E-09	3.09E-04	9.75E-08	2.84E-08	5.19E-05	1.64E-08	4.77E-09	2.88E-04	9.09E-08	2.64E-08	2.38E-05	7.52E-09	2.19E-09
4837 479863.09, 3861877.25	7.51E-04	2.37E-07	6.89E-08	7.29E-05	2.30E-08	6.70E-09	7.63E-04	2.41E-07	7.00E-08	8.43E-05	2.66E-08	7.74E-09	7.45E-04	2.35E-07	6.84E-08	3.84E-05	1.21E-08	3.52E-09
4838 480363.09, 3861877.25	9.56E-04	3.02E-07	8.78E-08	7.78E-05	2.46E-08	7.15E-09	9.69E-04	3.06E-07	8.90E-08	9.00E-05	2.84E-08	8.26E-09	9.59E-04	3.03E-07	8.80E-08	4.09E-05	1.29E-08	3.76E-09
4839 480863.09, 3861877.25	1.05E-03	3.32E-07	9.65E-08	8.29E-05	2.62E-08	7.61E-09	1.07E-03	3.36E-07	9.78E-08	9.59E-05	3.03E-08	8.80E-09	1.06E-03	3.33E-07	9.69E-08	4.36E-05	1.38E-08	4.00E-09
4840 481363.09, 3861877.25	1.14E-03	3.59E-07	1.04E-07	8.85E-05	2.79E-08	8.12E-09	1.15E-03	3.64E-07	1.06E-07	1.02E-04	3.23E-08	9.39E-09	1.14E-03	3.61E-07	1.05E-07	4.65E-05	1.47E-08	4.27E-09
4841 481863.09, 3861877.25	1.21E-03	3.82E-07	1.11E-07	9.37E-05	2.96E-08	8.60E-09	1.23E-03	3.87E-07	1.13E-07	1.08E-04	3.42E-08	9.95E-09	1.22E-03	3.84E-07	1.12E-07	4.92E-05	1.55E-08	4.52E-09
4842 482363.09, 3861877.25	1.30E-03	4.09E-07	1.19E-07	9.76E-05	3.08E-08	8.96E-09	1.31E-03	4.15E-07	1.21E-07	1.13E-04	3.56E-08	1.04E-08	1.31E-03	4.12E-07	1.20E-07	5.13E-05	1.62E-08	4.71E-09
4843 482863.09, 3861877.25	1.39E-03	4.40E-07	1.28E-07	1.02E-04	3.22E-08	9.36E-09	1.41E-03	4.46E-07	1.30E-07	1.18E-04	3.72E-08	1.08E-08	1.41E-03	4.44E-07	1.29E-07	5.35E-05	1.69E-08	4.91E-09
4844 483363.09, 3861877.25	1.50E-03	4.73E-07	1.38E-07	1.05E-04	3.32E-08	9.66E-09	1.52E-03	4.79E-07	1.39E-07	1.22E-04	3.84E-08	1.12E-08	1.52E-03	4.78E-07	1.39E-07	5.52E-05	1.74E-08	5.07E-09
4845 483863.09, 3861877.25	1.61E-03	5.07E-07	1.47E-07	1.07E-04	3.37E-08	9.80E-09	1.62E-03	5.13E-07	1.49E-07	1.23E-04	3.90E-08	1.13E-08	1.63E-03	5.14E-07	1.49E-07	5.60E-05	1.77E-08	5.14E-09
4846 484363.09, 3861877.25	1.74E-03	5.49E-07	1.60E-07	1.06E-04	3.33E-08	9.70E-09	1.76E-03	5.55E-07	1.61E-07	1.22E-04	3.86E-08	1.12E-08	1.77E-03	5.58E-07	1.62E-07	5.54E-05	1.75E-08	5.09E-09
4847 484863.09, 3861877.25	1.89E-03	5.97E-07	1.74E-07	1.04E-04	3.28E-08	9.55E-09	1.91E-03	6.02E-07	1.75E-07	1.20E-04	3.80E-08	1.10E-08	1.93E-03	6.09E-07	1.77E-07	5.45E-05	1.72E-08	5.01E-09
4848 485363.09, 3861877.25	2.04E-03	6.43E-07	1.87E-07	1.01E-04	3.17E-08	9.23E-09	2.06E-03	6.49E-07	1.89E-07	1.16E-04	3.67E-08	1.07E-08	2.09E-03	6.59E-07	1.92E-07	5.27E-05	1.66E-08	4.84E-09
4849 485863.09, 3861877.25	2.16E-03	6.83E-07	1.99E-07	9.50E-05	3.00E-08	8.72E-09	2.18E-03	6.88E-07	2.00E-07	1.10E-04	3.47E-08	1.01E-08	2.22E-03	7.02E-07	2.04E-07	4.99E-05	1.57E-08	4.58E-09
4850 486363.09, 3861877.25	2.32E-03	7.33E-07	2.13E-07	9.30E-05	2.94E-08	8.54E-09	2.34E-03	7.38E-07	2.15E-07	1.08E-04	3.40E-08	9.88E-09	2.39E-03	7.56E-07	2.20E-07	4.88E-05	1.54E-08	4.48E-09
4851 486863.09, 3861877.25	2.51E-03	7.93E-07	2.31E-07	9.30E-05	2.94E-08	8.54E-09	2.53E-03	7.98E-07	2.32E-07	1.08E-04	3.40E-08	9.88E-09	2.59E-03	8.19E-07	2.38E-07	4.88E-05	1.54E-08	4.48E-09
4852 487363.09, 3861877.25	2.70E-03	8.53E-07	2.48E-07	9.46E-05	2.99E-08	8.69E-09	2.72E-03	8.58E-07	2.50E-07	1.09E-04	3.45E-08	1.00E-08	2.79E-03	8.81E-07	2.56E-07	4.96E-05	1.57E-08	4.56E-09
4853 487863.09, 3861877.25	2.78E-03	8.77E-07	2.55E-07	9.60E-05	3.03E-08	8.82E-09	2.79E-03	8.82E-07	2.56E-07	1.11E-04	3.51E-08	1.02E-08	2.87E-03	9.06E-07	2.64E-07	5.04E-05	1.59E-08	4.63E-09
4854 488363.09, 3861877.25	2.73E-03	8.63E-07	2.51E-07	9.39E-05	2.96E-08	8.62E-09	2.75E-03	8.68E-07	2.53E-07	1.09E-04	3.43E-08	9.97E-09	2.83E-03	8.92E-07	2.60E-07	4.93E-05	1.56E-08	4.53E-09
4855 488863.09, 3861877.25	2.75E-03	8.68E-07	2.52E-07	9.42E-05	2.97E-08	8.65E-09	2.77E-03	8.73E-07	2.54E-07	1.09E-04	3.44E-08	1.00E-08	2.84E-03	8.97E-07	2.61E-07	4.94E-05	1.56E-08	4.54E-09
4856 489363.09, 3861877.25	2.82E-03	8.89E-07	2.59E-07	9.71E-05	3.07E-08	8.92E-09	2.83E-03	8.94E-07	2.60E-07	1.12E-04	3.55E-08	1.03E-08	2.91E-03	9.19E-07	2.67E-07	5.09E-05	1.61E-08	4.67E-09
4857 489863.09, 3861877.25	2.89E-03	9.11E-07	2.65E-07	9.90E-05	3.12E-08	9.09E-09	2.90E-03	9.17E-07	2.67E-07	1.14E-04	3.61E-08	1.05E-08	2.99E-03	9.42E-07	2.74E-07	5.19E-05	1.64E-08	4.76E-09
4858 490363.09, 3861877.25	2.88E-03	9.10E-07	2.65E-07	1.00E-04	3.16E-08	9.19E-09	2.90E-03	9.16E-07	2.66E-07	1.16E-04	3.65E-08	1.06E-08	2.98E-03	9.41E-07	2.74E-07	5.25E-05	1.66E-08	4.82E-09
4859 490863.09, 3861877.25	2.84E-03	8.97E-07	2.61E-07	1.01E-04	3.18E-08	9.25E-09	2.86E-03	9.03E-07	2.63E-07	1.17E-04	3.68E-08	1.07E-08	2.94E-03	9.27E-07	2.70E-07	5.30E-05	1.67E-08	4.86E-09
4860 491363.09, 3861877.25	2.84E-03	8.95E-07	2.60E-07	1.03E-04	3.24E-08	9.42E-09	2.85E-03	9.00E-07	2.62E-07	1.19E-04	3.74E-08	1.09E-08	2.93E-03	9.24E-07	2.69E-07	5.39E-05	1.70E-08	4.95E-09
4861 491863.09, 3861877.25	2.83E-03	8.94E-07	2.60E-07	1.08E-04	3.42E-08	9.93E-09	2.85E-03	9.00E-07	2.62E-07	1.25E-04	3.95E-08	1.15E-08	2.92E-03	9.22E-07	2.68E-07	5.68E-05	1.79E-08	5.21E-09
4862 492363.09, 3861877.25	2.76E-03	8.70E-07	2.53E-07	1.07E-04	3.36E-08	9.78E-09	2.78E-03	8.76E-07	2.55E-07	1.23E-04	3.89E-08	1.13E-08	2.84E-03	8.97E-07	2.61E-07	5.60E-05	1.77E-08	5.14E-09
4863 492863.09, 3861877.25	2.69E-03	8.51E-07	2.47E-07	1.00E-04	3.17E-08	9.21E-09	2.71E-03	8.56E-07	2.49E-07	1.16E-04	3.66E-08	1.07E-08	2.78E-03	8.78E-07	2.55E-07	5.27E-05	1.66E-08	4.84E-09
4864 493363.09, 3861877.25	2.63E-03	8.29E-07	2.41E-07	9.61E-05	3.03E-08	8.82E-09	2.64E-03	8.34E-07	2.43E-07	1.11E-04	3.51E-08	1.02E-08	2.71E-03	8.55E-07	2.49E-07	5.05E-05	1.59E-08	4.64E-09
4865 493863.09, 3861877.25	2.54E-03	8.02E-07	2.33E-07	9.53E-05	3.01E-08	8.75E-09	2.56E-03	8.07E-07	2.35E-07	1.10E-04	3.48E-08	1.01E-08	2.62E-03	8.27E-07	2.41E-07	5.01E-05	1.58E-08	4.60E-09
4866 494363.09, 3861877.25	2.44E-03	7.71E-07	2.24E-07	9.56E-05	3.02E-08	8.77E-09	2.46E-03	7.76E-07	2.26E-07	1.10E-04	3.49E-08	1.01E-08	2.52E-03	7.95E-07	2.31E-07	5.03E-05	1.59E-08	4.61E-09
4867 494863.09, 3861877.25	2.36E-03	7.44E-07	2.16E-07	9.74E-05	3.07E-08	8.94E-09	2.37E-03	7.49E-07	2.18E-07	1.13E-04	3.55E-08	1.03E-08	2.43E-03	7.66E-07	2.23E-07	5.12E-05	1.62E-08	4.70E-09
4868 495363.09, 3861877.25	2.26E-03	7.15E-07	2.08E-07	1.01E-04	3.18E-08	9.25E-09	2.28E-03	7.20E-07	2.09E-07	1.16E-04	3.68E-08	1.07E-08	2.33E-03	7.34E-07	2.14E-07	5.29E-05	1.67E-08	4.86E-09
4869 495863.09, 3861877.25	2.18E-03	6.87E-07	2.00E-07	1.05E-04	3.30E-08	9.61E-09	2.19E-03	6.93E-07	2.01E-07	1.21E-04	3.82E-08	1.11E-08	2.23E-03	7.04E-07	2.05E-07	5.50E-05	1.74E-08	5.05E-09
4870 496363.09, 3861877.25	2.10E-03	6.63E-07	1.93E-07	1.08E-04	3.40E-08	9.90E-09	2.12E-03	6.69E-07	1.95E-07	1.25E-04	3.93E-08	1.14E-08	2.15E-03	6.78E-07	1.97E-07	5.66E-05	1.79E-08	5.20E-09
4871 496863.09, 3861877.25	2.06E-03	6.49E-07	1.89E-07	1.15E-04	3.63E-08	1.06E-08	2.08E-03	6.56E-07	1.91E-07	1.33E-04	4.20E-08	1.22E-08	2.10E-03	6.62E-07	1.93E-07	6.05E-05	1.91E-08	5.55E-09
4872 497363.09, 3861877.25	1.98E-03	6.25E-07	1.82E-07	1.09E-04	3.45E-08	1.00E-08	2.00E-03	6.31E-07	1.84E-07	1.27E-04	3.99E-08	1.16E-08	2.02E-03	6.38E-07	1.86E-07	5.75E-05	1.82E-08	5.28E-09
4873 497863.09, 3861877.25	1.90E-03	5.99E-07	1.74E-07	1.06E-04	3.34E-08	9.71E-09	1.92E-03	6.05E-07	1.76E-07	1.22E-04	3.86E-08	1.12E-08	1.94E-03	6.11E-07	1.78E-07	5.56E-05	1.76E-08	5.11E-09
4874 498363.09, 3861877.25	1.83E-03	5.77E-07	1.68E-07	1.03E-04	3.25E-08	9.45E-09	1.84E-03	5.82E-07	1.69E-07	1.19E-04	3.76E-08	1.09E-08	1.86E-03	5.88E-07	1.71E-07	5.42E-05	1.71E-08	4.97E-09
4875 471363.09, 3862377.25	3.49E-04	1.10E-07	3.20E-08	3.78E-05	1.19E-08	3.47E-09	3.55E-04	1.12E-07	3.26E-08	4.37E-05	1.38E-08	4.01E-09	3.43E-04	1.08E-07	3.15E-08	1.99E-05	6.29E-09	1.83E-09
4876 471863.09, 3862377.25	3.63E-04	1.15E-07	3.34E-08	3.93E-05	1.24E-08	3.61E-09	3.70E-04	1.17E-07	3.40E-08	4.55E-05	1.43E-08	4.17E-09	3.58E-04	1.13E-07	3.28E-08	2.07E-05	6.55E-09	1.90E-09
4877 472363.09, 3862377.25	3.81E-04	1.20E-07	3.50E-08	4.06E-05	1.28E-08	3.73E-09	3.88E-04	1.23E-07	3.56E-08	4.69E-05	1.48E-08	4.31E-09	3.76E-04	1.19E-07	3.45E-08	2.14E-05	6.76E-09	1.97E-09
4878 472863.09, 3862377.25	3.99E-04	1.26E-07	3.66E-08	4.17E-05	1.32E-08	3.83E-09	4.06E-04	1.28E-07	3.73E-08	4.82E-05	1.52E-08	4.42E-09	3.94E-04	1.24E-07	3.62E-08	2.20E-05	6.94E-09	2.02E-09
4879 473363.09, 3862377.25	4.17E-04	1.31E-07	3.82E-08	4.27E-05	1.35E-08	3.92E-09	4.24E-04	1.34E-07	3.89E-08	4.93E-05	1.56E-08	4.53E-09	4.12E-04	1.30E-07	3.78E-08	2.25E-05	7.10E-09	2.07E-09
4880 473863.09, 3862377.25	4.33E-04	1.37E-07	3.98E-08	4.38E-05	1.38E-08	4.02E-09	4.41E-04	1.39E-07	4.05E-08	5.07E-05	1.60E-08	4.65E-09	4.29E-04	1.35E-07	3.93E-08	2.31E-05	7.30E-09	2.12E-09

4881	474363.09, 3862377.25	4.48E-04	1.41E-07	4.11E-08	4.53E-05	1.43E-08	4.15E-09	4.55E-04	1.44E-07	4.18E-08	5.23E-05	1.65E-08	4.80E-09	4.43E-04	1.40E-07	4.07E-08	2.39E-05	7.53E-09	2.19E-09
4882	474863.09, 3862377.25	4.59E-04	1.45E-07	4.22E-08	4.68E-05	1.48E-08	4.30E-09	4.67E-04	1.47E-07	4.29E-08	5.41E-05	1.71E-08	4.97E-09	4.54E-04	1.43E-07	4.17E-08	2.47E-05	7.79E-09	2.27E-09
4883	475363.09, 3862377.25	4.87E-04	1.54E-07	4.47E-08	4.83E-05	1.53E-08	4.44E-09	4.96E-04	1.56E-07	4.55E-08	5.59E-05	1.76E-08	5.13E-09	4.83E-04	1.52E-07	4.43E-08	2.55E-05	8.04E-09	2.34E-09
4884	475863.09, 3862377.25	5.14E-04	1.62E-07	4.72E-08	4.97E-05	1.57E-08	4.56E-09	5.22E-04	1.65E-07	4.79E-08	5.74E-05	1.81E-08	5.27E-09	5.10E-04	1.61E-07	4.68E-08	2.62E-05	8.27E-09	2.40E-09
4885	476363.09, 3862377.25	5.36E-04	1.69E-07	4.92E-08	5.08E-05	1.60E-08	4.66E-09	5.45E-04	1.72E-07	5.00E-08	5.87E-05	1.85E-08	5.39E-09	5.33E-04	1.68E-07	4.89E-08	2.68E-05	8.45E-09	2.46E-09
4886	476863.09, 3862377.25	5.55E-04	1.75E-07	5.09E-08	5.15E-05	1.63E-08	4.73E-09	5.64E-04	1.78E-07	5.17E-08	5.96E-05	1.88E-08	5.47E-09	5.52E-04	1.74E-07	5.07E-08	2.72E-05	8.57E-09	2.49E-09
4887	477363.09, 3862377.25	5.53E-04	1.75E-07	5.08E-08	5.19E-05	1.64E-08	4.77E-09	5.62E-04	1.77E-07	5.16E-08	6.00E-05	1.89E-08	5.51E-09	5.50E-04	1.74E-07	5.05E-08	2.74E-05	8.64E-09	2.51E-09
4888	477863.09, 3862377.25	4.49E-04	1.42E-07	4.13E-08	5.07E-05	1.60E-08	4.65E-09	4.58E-04	1.45E-07	4.20E-08	5.86E-05	1.85E-08	5.38E-09	4.40E-04	1.39E-07	4.04E-08	2.69E-05	8.49E-09	2.47E-09
4889	478363.09, 3862377.25	3.47E-04	1.09E-07	3.18E-08	4.64E-05	1.47E-08	4.26E-09	3.55E-04	1.12E-07	3.25E-08	5.36E-05	1.69E-08	4.92E-09	3.35E-04	1.06E-07	3.07E-08	2.46E-05	7.77E-09	2.26E-09
4890	478863.09, 3862377.25	3.66E-04	1.16E-07	3.36E-08	5.02E-05	1.58E-08	4.61E-09	3.75E-04	1.18E-07	3.44E-08	5.80E-05	1.83E-08	5.33E-09	3.53E-04	1.11E-07	3.24E-08	2.65E-05	8.38E-09	2.44E-09
4891	479363.09, 3862377.25	4.56E-04	1.44E-07	4.19E-08	5.85E-05	1.85E-08	5.37E-09	4.66E-04	1.47E-07	4.28E-08	6.76E-05	2.13E-08	6.21E-09	4.43E-04	1.40E-07	4.06E-08	3.09E-05	9.75E-09	2.83E-09
4892	479863.09, 3862377.25	7.57E-04	2.39E-07	6.95E-08	6.77E-05	2.14E-08	6.21E-09	7.69E-04	2.43E-07	7.06E-08	7.82E-05	2.47E-08	7.18E-09	7.55E-04	2.38E-07	6.93E-08	3.56E-05	1.12E-08	3.27E-09
4893	480363.09, 3862377.25	9.04E-04	2.85E-07	8.30E-08	7.16E-05	2.26E-08	6.57E-09	9.16E-04	2.89E-07	8.41E-08	8.28E-05	2.61E-08	7.60E-09	9.08E-04	2.86E-07	8.33E-08	3.77E-05	1.19E-08	3.46E-09
4894	480863.09, 3862377.25	9.79E-04	3.09E-07	8.98E-08	7.60E-05	2.40E-08	6.97E-09	9.92E-04	3.13E-07	9.10E-08	8.78E-05	2.77E-08	8.06E-09	9.84E-04	3.11E-07	9.03E-08	3.99E-05	1.26E-08	3.67E-09
4895	481363.09, 3862377.25	1.05E-03	3.30E-07	9.61E-08	8.08E-05	2.55E-08	7.42E-09	1.06E-03	3.35E-07	9.74E-08	9.35E-05	2.95E-08	8.58E-09	1.05E-03	3.32E-07	9.66E-08	4.25E-05	1.34E-08	3.90E-09
4896	481863.09, 3862377.25	1.12E-03	3.52E-07	1.02E-07	8.45E-05	2.67E-08	7.75E-09	1.13E-03	3.57E-07	1.04E-07	9.77E-05	3.08E-08	8.97E-09	1.12E-03	3.55E-07	1.03E-07	4.44E-05	1.40E-08	4.07E-09
4897	482363.09, 3862377.25	1.19E-03	3.75E-07	1.09E-07	8.70E-05	2.75E-08	7.98E-09	1.20E-03	3.79E-07	1.10E-07	1.01E-04	3.17E-08	9.23E-09	1.20E-03	3.78E-07	1.10E-07	4.57E-05	1.44E-08	4.19E-09
4898	482863.09, 3862377.25	1.25E-03	3.96E-07	1.15E-07	8.99E-05	2.84E-08	8.25E-09	1.27E-03	4.01E-07	1.17E-07	1.04E-04	3.28E-08	9.55E-09	1.27E-03	4.00E-07	1.16E-07	4.72E-05	1.49E-08	4.33E-09
4899	483363.09, 3862377.25	1.31E-03	4.14E-07	1.20E-07	9.27E-05	2.93E-08	8.51E-09	1.33E-03	4.19E-07	1.22E-07	1.07E-04	3.39E-08	9.85E-09	1.33E-03	4.18E-07	1.22E-07	4.87E-05	1.54E-08	4.47E-09
4900	483863.09, 3862377.25	1.40E-03	4.41E-07	1.28E-07	9.23E-05	2.91E-08	8.47E-09	1.41E-03	4.46E-07	1.30E-07	1.07E-04	3.37E-08	9.80E-09	1.42E-03	4.47E-07	1.30E-07	4.84E-05	1.53E-08	4.45E-09
4901	484363.09, 3862377.25	1.48E-03	4.68E-07	1.36E-07	9.19E-05	2.90E-08	8.44E-09	1.50E-03	4.72E-07	1.37E-07	1.06E-04	3.36E-08	9.76E-09	1.51E-03	4.75E-07	1.38E-07	4.82E-05	1.52E-08	4.43E-09
4902	484863.09, 3862377.25	1.56E-03	4.93E-07	1.43E-07	8.97E-05	2.83E-08	8.24E-09	1.58E-03	4.98E-07	1.45E-07	1.04E-04	3.28E-08	9.53E-09	1.59E-03	5.03E-07	1.46E-07	4.70E-05	1.48E-08	4.32E-09
4903	485363.09, 3862377.25	1.66E-03	5.23E-07	1.52E-07	8.71E-05	2.75E-08	8.00E-09	1.67E-03	5.28E-07	1.54E-07	1.01E-04	3.18E-08	9.25E-09	1.69E-03	5.35E-07	1.56E-07	4.57E-05	1.44E-08	4.20E-09
4904	485863.09, 3862377.25	1.75E-03	5.53E-07	1.61E-07	8.29E-05	2.62E-08	7.61E-09	1.76E-03	5.57E-07	1.62E-07	9.59E-05	3.03E-08	8.80E-09	1.80E-03	5.67E-07	1.65E-07	4.35E-05	1.37E-08	3.99E-09
4905	486363.09, 3862377.25	1.86E-03	5.87E-07	1.71E-07	8.05E-05	2.54E-08	7.39E-09	1.87E-03	5.92E-07	1.72E-07	9.31E-05	2.94E-08	8.55E-09	1.91E-03	6.04E-07	1.76E-07	4.22E-05	1.33E-08	3.87E-09
4906	486863.09, 3862377.25	1.94E-03	6.11E-07	1.78E-07	8.04E-05	2.54E-08	7.38E-09	1.95E-03	6.16E-07	1.79E-07	9.30E-05	2.94E-08	8.54E-09	1.99E-03	6.29E-07	1.83E-07	4.21E-05	1.33E-08	3.87E-09
4907	487363.09, 3862377.25	2.02E-03	6.38E-07	1.85E-07	8.21E-05	2.59E-08	7.54E-09	2.03E-03	6.42E-07	1.87E-07	9.50E-05	3.00E-08	8.72E-09	2.08E-03	6.57E-07	1.91E-07	4.31E-05	1.36E-08	3.96E-09
4908	487863.09, 3862377.25	2.05E-03	6.46E-07	1.88E-07	8.42E-05	2.66E-08	7.73E-09	2.06E-03	6.51E-07	1.89E-07	9.74E-05	3.07E-08	8.94E-09	2.11E-03	6.65E-07	1.93E-07	4.42E-05	1.40E-08	4.06E-09
4909	488363.09, 3862377.25	1.99E-03	6.28E-07	1.83E-07	8.26E-05	2.61E-08	7.58E-09	2.00E-03	6.32E-07	1.84E-07	9.55E-05	3.01E-08	8.77E-09	2.05E-03	6.46E-07	1.88E-07	4.34E-05	1.37E-08	3.98E-09
4910	488863.09, 3862377.25	1.99E-03	6.28E-07	1.83E-07	8.12E-05	2.56E-08	7.46E-09	2.00E-03	6.32E-07	1.84E-07	9.40E-05	2.97E-08	8.63E-09	2.05E-03	6.46E-07	1.88E-07	4.26E-05	1.34E-08	3.91E-09
4911	489363.09, 3862377.25	2.04E-03	6.43E-07	1.87E-07	8.37E-05	2.64E-08	7.69E-09	2.05E-03	6.47E-07	1.88E-07	9.69E-05	3.06E-08	8.89E-09	2.10E-03	6.62E-07	1.93E-07	4.39E-05	1.38E-08	4.03E-09
4912	489863.09, 3862377.25	2.08E-03	6.58E-07	1.91E-07	8.64E-05	2.73E-08	7.93E-09	2.10E-03	6.62E-07	1.93E-07	9.99E-05	3.15E-08	9.17E-09	2.15E-03	6.77E-07	1.97E-07	4.52E-05	1.43E-08	4.15E-09
4913	490363.09, 3862377.25	2.14E-03	6.75E-07	1.96E-07	8.69E-05	2.74E-08	7.98E-09	2.15E-03	6.80E-07	1.98E-07	1.01E-04	3.17E-08	9.23E-09	2.20E-03	6.95E-07	2.02E-07	4.56E-05	1.44E-08	4.18E-09
4914	490863.09, 3862377.25	2.14E-03	6.75E-07	1.96E-07	8.87E-05	2.80E-08	8.14E-09	2.15E-03	6.80E-07	1.98E-07	1.03E-04	3.24E-08	9.41E-09	2.20E-03	6.95E-07	2.02E-07	4.65E-05	1.47E-08	4.27E-09
4915	491363.09, 3862377.25	2.09E-03	6.61E-07	1.92E-07	8.85E-05	2.79E-08	8.13E-09	2.11E-03	6.66E-07	1.94E-07	1.02E-04	3.23E-08	9.40E-09	2.15E-03	6.80E-07	1.98E-07	4.65E-05	1.47E-08	4.27E-09
4916	491863.09, 3862377.25	2.06E-03	6.50E-07	1.89E-07	8.93E-05	2.82E-08	8.20E-09	2.07E-03	6.54E-07	1.90E-07	1.03E-04	3.26E-08	9.48E-09	2.12E-03	6.68E-07	1.94E-07	4.69E-05	1.48E-08	4.30E-09
4917	492363.09, 3862377.25	2.07E-03	6.54E-07	1.90E-07	9.41E-05	2.97E-08	8.63E-09	2.09E-03	6.60E-07	1.92E-07	1.09E-04	3.43E-08	9.99E-09	2.13E-03	6.72E-07	1.95E-07	4.94E-05	1.56E-08	4.53E-09
4918	492863.09, 3862377.25	2.08E-03	6.56E-07	1.91E-07	9.41E-05	2.97E-08	8.64E-09	2.09E-03	6.61E-07	1.92E-07	1.09E-04	3.43E-08	9.99E-09	2.13E-03	6.73E-07	1.96E-07	4.94E-05	1.56E-08	4.54E-09
4919	493363.09, 3862377.25	2.06E-03	6.49E-07	1.89E-07	8.91E-05	2.81E-08	8.18E-09	2.07E-03	6.54E-07	1.90E-07	1.03E-04	3.25E-08	9.46E-09	2.11E-03	6.67E-07	1.94E-07	4.68E-05	1.48E-08	4.30E-09
4920	493863.09, 3862377.25	2.02E-03	6.39E-07	1.86E-07	8.45E-05	2.67E-08	7.76E-09	2.04E-03	6.43E-07	1.87E-07	9.77E-05	3.09E-08	8.97E-09	2.08E-03	6.57E-07	1.91E-07	4.44E-05	1.40E-08	4.08E-09
4921	494363.09, 3862377.25	1.99E-03	6.27E-07	1.82E-07	8.31E-05	2.62E-08	7.63E-09	2.00E-03	6.32E-07	1.84E-07	9.60E-05	3.03E-08	8.82E-09	2.04E-03	6.45E-07	1.88E-07	4.37E-05	1.38E-08	4.01E-09
4922	494863.09, 3862377.25	1.94E-03	6.14E-07	1.78E-07	8.33E-05	2.63E-08	7.65E-09	1.96E-03	6.18E-07	1.80E-07	9.63E-05	3.04E-08	8.84E-09	2.00E-03	6.31E-07	1.83E-07	4.38E-05	1.38E-08	4.02E-09
4923	495363.09, 3862377.25	1.88E-03	5.92E-07	1.72E-07	8.33E-05	2.63E-08	7.65E-09	1.89E-03	5.96E-07	1.73E-07	9.63E-05	3.04E-08	8.84E-09	1.93E-03	6.08E-07	1.77E-07	4.38E-05	1.38E-08	4.02E-09
4924	495863.09, 3862377.25	1.81E-03	5.73E-07	1.67E-07	8.47E-05	2.67E-08	7.78E-09	1.83E-03	5.77E-07	1.68E-07	9.80E-05	3.09E-08	9.00E-09	1.86E-03	5.87E-07	1.71E-07	4.46E-05	1.41E-08	4.09E-09
4925	496363.09, 3862377.25	1.76E-03	5.54E-07	1.61E-07	8.76E-05	2.76E-08	8.04E-09	1.77E-03	5.59E-07	1.63E-07	1.01E-04	3.20E-08	9.29E-09	1.80E-03	5.67E-07	1.65E-07	4.60E-05	1.45E-08	4.22E-09
4926	496863.09, 3862377.25	1.72E-03	5.43E-07	1.58E-07	9.17E-05	2.89E-08	8.42E-09	1.74E-03	5.48E-07	1.59E-07	1.06E-04	3.35E-08	9.74E-09	1.76E-03	5.54E-07	1.61E-07	4.82E-05	1.52E-08	4.42E-09
4927	497363.09, 3862377.25	1.66E-03	5.24E-07	1.53E-07	9.31E-05	2.94E-08	8.55E-09	1.68E-03	5.29E-07	1.54E-07	1.08E-04	3.40E-08	9.88E-09	1.69E-03	5.35E-07	1.56E-07	4.89E-05	1.54E-08	4.49E-09
4928	497863.09, 3862377.25	1.61E-03	5.09E-07	1.48E-07	9.31E-05	2.94E-08	8.55E-09	1.63E-03	5.14E-07	1.50E-07	1.08E-04	3.40E-08	9.88E-09	1.64E-03	5.19E-07	1.51E-07	4.89E-05	1.54E-08	4.49E-09
4929	498363.09, 3862377.25	1.56E-03	4.92E-07	1.43E-07	9.12E-05	2.88E-08	8.37E-09	1.58E-03	4.97E-07	1.45E-07	1.05E-04	3.33E-08	9.68E-09	1.59E-03	5.01E-07	1.46E-07	4.79E-05	1.51E-08	4.40E-09
4930	471363.09, 3862877.25	3.42E-04	1.08E-07	3.14E-08	3.63E-05	1.15E-08	3.33E-09	3.49E-04	1.10E-07	3.20E-08	4.20E-05	1.32E-08	3.85E-09	3.38E-04	1.07E-07	3.10E-08	1.92E-05	6.05E-09	1.76E-09
4931	471863.09, 3862877.25	3.57E-04	1.13E-07	3.28E-08	3.72E-05	1.17E-08	3.42E-09	3.63E-04	1.15E-07	3.34E-08	4.30E-05	1.36E-08	3.95E-09	3.53E-04	1.11E-07	3.24E-08	1.96E-05	6.20E-09	1.80E-09
4932	472363.09, 3862877.25	3.73E-04	1.18E-07	3.43E-08	3.80E-05	1.20E-08	3.49E-09	3.80E-04	1.20E-07	3.49E-08	4.40E-05	1.39E-08	4.04E-09	3.69E-04	1.16E-07	3.39E-08	2.01E-05	6.34E-09	1.84E-09
4933	472863.09, 3862877.25	3.88E-04	1.22E-07	3.56E-08	3.89E-05	1.23E-08	3.57E-09	3.94E-04	1.24E-07	3.62E-08	4.50E-05	1.42E-08	4.13E-09	3.83E-04	1.21E-07	3.52E-08	2.05E-05	6.49E-09	1.89E-09
4934	473363.09, 3862877.25	4.03E-04	1.27E-07	3.70E-08	3.99E-05	1.26E-08	3.67E-09	4.10E-04	1.29E-07	3.76E-08	4.62E-05	1.46E-08	4.24E-09	3.99E-04	1.26E-07	3.66E-08	2.11E-05	6.65E-09	1.94E-09
4935	473863.09, 3862877.25	4.19E-04	1.32E-07	3.84E-08	4.11E-05	1.30E-08	3.77E-09	4.26E-04	1.34E-07	3.91E-08	4.75E-05	1.50E-08	4.36E-09	4.15E-04	1.31E-07	3.81E-08	2.17E-05	6.85E-09	1.99E-09
4936	474363.09, 3862877.25	4.34E-04	1.37E-07	3.99E-08	4.23E-05	1.34E-08	3.89E-09	4.41E-04	1.39E-07	4.05E-08	4.89E-05	1.54E-08	4.49E-09	4.31E-04	1.36E-07	3.95E-08	2.23E-05	7.05E-09	2.05E-09
4937	474863.09, 3862877.25	4.51E-04	1.42E-07	4.14E-08	4.34E-05	1.37E-08	3.98E-09	4.59E-04	1.45E-07	4.21E-08	5.01E-05	1.58E-08	4.60E-09	4.48E-04	1.41E-07	4.11E-08	2.29E-05	7.23E-09	2.10E-09
4938	475363.09, 3862877.25	4.74E-04	1.50E-07	4.35E-08	4.41E-05	1.39E-08	4.05E-09	4.81E-04	1.52E-07	4.42E-08	5.10E-05	1.61E-08	4.68E-09	4.71E-04	1.49E-07	4.32E-08	2.33E-05	7.35E-09	2.14E-09
4939	475863.09, 3862877.25	4.96E-04	1.56E-07	4.55E-08	4.47E-05	1.41E-08	4.10E-09	5.03E-04	1.59E-07	4.62E-08	5.16E-05	1.63E-08	4.74E-09	4.94E-04	1.56E-07	4.54E-08	2.36E-05	7.44E-09	2.16E-09
4940	476363.09, 3862877.25	5.19E-04	1.64E-07	4.77E-08	4.52E-05	1.43E-08	4.15E-09	5.27E-04	1.66E-07	4.84E-08	5.22E-05	1.65E-08	4.80E-09	5.19E-04	1.64E-07	4.76E-08	2.38E-05	7.52E-09	2.19E-09
4941	476863.09, 3862877.25	5.40E-04	1.71E-07	4.96E-08	4.62E-05	1.46E-08	4.24E-09	5.48E-04	1.73E-07	5.03E-08	5.33E-05	1.68E-08	4.90E-09	5.40E-04	1.70E-07	4.96E-08	2.43E-05	7.68E-09	2.23E-09
4942	477363.09, 3862877.25	5.58E-04	1.76E-07	5.12E-08	4.79E-05	1.51E-08	4.39E-09	5.66E-04	1.79E-07	5.19E-08	5.53E-05	1.75E-08	5.08E-09	5.57E-04	1.76E-07	5.12E-08	2.52E-05	7.97E-09	2.32E-09
4943	477863.09, 3862877.25	5.25E-04	1.66E-07	4.82E-08	4.98E-05	1.57E-08	4.58E-09	5.34E-04	1.68E-07	4.90E-08	5.76E-05	1.82E-08	5.29E-09	5.22E-04	1.65E-07	4.79E-08	2.63E-05	8.30E-09	2.41E-09
4944	478363.09, 3862877.25	4.15E-04	1.31E-07	3.81E-08	4.97E-05	1.57E-08	4.56E-09	4.24E-04	1.34E-07	3.89E-08	5.74E-05	1.81E-08	5.27E-09	4.05E-04	1.28E-07	3.72E-08	2.63E-05	8.28E-09	2.41E-09
4945	478863.09, 3862877.25	4.40E-04	1.39E-07	4.04E-08	5.30E-05	1.67E-08	4.87E-09	4.49E-04	1.42E-07	4.13E-08	6.13E-05	1.93E-08	5.63E-09	4.30E-04	1.36E-07	3.95E-08	2.80E-05	8.84E-09	2.57E-09
4946	479363.09, 3862877.25	4.81E-04	1.52E-07	4.41E-08	5.58E-05	1.76E-08	5.12E-09	4.90E-04	1.55E-07	4.50E-08	6.44E-05	2.03E-08	5.92E-09	4.71E-04	1.49E-07	4.32E-08	2.94E-05	9.29E-09	2.70E-09

4947	479863.09, 3862877.25	7.80E-04	2.46E-07	7.16E-08	6.27E-05	1.98E-08	5.76E-09	7.91E-04	2.50E-07	7.26E-08	7.25E-05	2.29E-08	6.66E-09	7.83E-04	2.47E-07	7.19E-08	3.30E-05	1.04E-08	3.03E-09
4948	480363.09, 3862877.25	8.53E-04	2.69E-07	7.83E-08	6.60E-05	2.08E-08	6.06E-09	8.64E-04	2.73E-07	7.94E-08	7.64E-05	2.41E-08	7.01E-09	8.58E-04	2.71E-07	7.87E-08	3.48E-05	1.10E-08	3.19E-09
4949	480863.09, 3862877.25	9.10E-04	2.87E-07	8.35E-08	7.04E-05	2.22E-08	6.46E-09	9.22E-04	2.91E-07	8.46E-08	8.13E-05	2.57E-08	7.47E-09	9.15E-04	2.89E-07	8.40E-08	3.70E-05	1.17E-08	3.40E-09
4950	481363.09, 3862877.25	9.64E-04	3.04E-07	8.85E-08	7.39E-05	2.33E-08	6.78E-09	9.77E-04	3.08E-07	8.97E-08	8.54E-05	2.70E-08	7.84E-09	9.70E-04	3.06E-07	8.90E-08	3.88E-05	1.23E-08	3.57E-09
4951	481863.09, 3862877.25	9.98E-04	3.15E-07	9.16E-08	7.67E-05	2.42E-08	7.04E-09	1.01E-03	3.19E-07	9.28E-08	8.87E-05	2.80E-08	8.15E-09	1.00E-03	3.17E-07	9.22E-08	4.03E-05	1.27E-08	3.70E-09
4952	482363.09, 3862877.25	1.05E-03	3.32E-07	9.66E-08	7.73E-05	2.44E-08	7.09E-09	1.07E-03	3.36E-07	9.78E-08	8.93E-05	2.82E-08	8.20E-09	1.06E-03	3.35E-07	9.74E-08	4.06E-05	1.28E-08	3.73E-09
4953	482863.09, 3862877.25	1.10E-03	3.48E-07	1.01E-07	8.01E-05	2.53E-08	7.36E-09	1.12E-03	3.52E-07	1.02E-07	9.27E-05	2.92E-08	8.51E-09	1.11E-03	3.51E-07	1.02E-07	4.21E-05	1.33E-08	3.86E-09
4954	483363.09, 3862877.25	1.16E-03	3.65E-07	1.06E-07	8.17E-05	2.58E-08	7.50E-09	1.17E-03	3.69E-07	1.07E-07	9.45E-05	2.98E-08	8.67E-09	1.17E-03	3.69E-07	1.07E-07	4.29E-05	1.35E-08	3.94E-09
4955	483863.09, 3862877.25	1.21E-03	3.82E-07	1.11E-07	8.09E-05	2.55E-08	7.43E-09	1.22E-03	3.86E-07	1.12E-07	9.36E-05	2.95E-08	8.59E-09	1.22E-03	3.87E-07	1.12E-07	4.25E-05	1.34E-08	3.90E-09
4956	484363.09, 3862877.25	1.25E-03	3.95E-07	1.15E-07	8.01E-05	2.53E-08	7.36E-09	1.26E-03	3.99E-07	1.16E-07	9.27E-05	2.93E-08	8.51E-09	1.27E-03	4.01E-07	1.17E-07	4.20E-05	1.33E-08	3.86E-09
4957	484863.09, 3862877.25	1.31E-03	4.14E-07	1.20E-07	7.90E-05	2.49E-08	7.26E-09	1.33E-03	4.18E-07	1.22E-07	9.14E-05	2.89E-08	8.39E-09	1.33E-03	4.21E-07	1.22E-07	4.15E-05	1.31E-08	3.81E-09
4958	485363.09, 3862877.25	1.40E-03	4.40E-07	1.28E-07	7.68E-05	2.42E-08	7.05E-09	1.41E-03	4.44E-07	1.29E-07	8.88E-05	2.80E-08	8.15E-09	1.42E-03	4.49E-07	1.31E-07	4.03E-05	1.27E-08	3.70E-09
4959	485863.09, 3862877.25	1.46E-03	4.62E-07	1.34E-07	7.24E-05	2.29E-08	6.65E-09	1.48E-03	4.66E-07	1.35E-07	8.38E-05	2.64E-08	7.69E-09	1.50E-03	4.73E-07	1.38E-07	3.80E-05	1.20E-08	3.49E-09
4960	486363.09, 3862877.25	1.54E-03	4.85E-07	1.41E-07	7.10E-05	2.24E-08	6.52E-09	1.55E-03	4.89E-07	1.42E-07	8.21E-05	2.59E-08	7.54E-09	1.58E-03	4.98E-07	1.45E-07	3.72E-05	1.17E-08	3.42E-09
4961	486863.09, 3862877.25	1.54E-03	4.86E-07	1.41E-07	7.02E-05	2.22E-08	6.45E-09	1.55E-03	4.90E-07	1.42E-07	8.12E-05	2.56E-08	7.46E-09	1.58E-03	4.99E-07	1.45E-07	3.68E-05	1.16E-08	3.38E-09
4962	487363.09, 3862877.25	1.58E-03	4.99E-07	1.45E-07	7.20E-05	2.27E-08	6.61E-09	1.59E-03	5.03E-07	1.46E-07	8.33E-05	2.63E-08	7.65E-09	1.62E-03	5.12E-07	1.49E-07	3.78E-05	1.19E-08	3.47E-09
4963	487863.09, 3862877.25	1.60E-03	5.04E-07	1.47E-07	7.44E-05	2.35E-08	6.83E-09	1.61E-03	5.08E-07	1.48E-07	8.60E-05	2.71E-08	7.89E-09	1.64E-03	5.17E-07	1.50E-07	3.91E-05	1.23E-08	3.59E-09
4964	488363.09, 3862877.25	1.55E-03	4.90E-07	1.43E-07	7.39E-05	2.33E-08	6.78E-09	1.57E-03	4.94E-07	1.44E-07	8.55E-05	2.70E-08	7.85E-09	1.59E-03	5.02E-07	1.46E-07	3.88E-05	1.22E-08	3.56E-09
4965	488863.09, 3862877.25	1.54E-03	4.86E-07	1.41E-07	7.14E-05	2.25E-08	6.56E-09	1.55E-03	4.90E-07	1.42E-07	8.26E-05	2.61E-08	7.59E-09	1.58E-03	4.99E-07	1.45E-07	3.75E-05	1.18E-08	3.44E-09
4966	489363.09, 3862877.25	1.57E-03	4.96E-07	1.44E-07	7.22E-05	2.28E-08	6.63E-09	1.58E-03	5.00E-07	1.45E-07	8.35E-05	2.64E-08	7.67E-09	1.61E-03	5.09E-07	1.48E-07	3.78E-05	1.19E-08	3.47E-09
4967	489863.09, 3862877.25	1.60E-03	5.03E-07	1.46E-07	7.52E-05	2.37E-08	6.91E-09	1.61E-03	5.08E-07	1.48E-07	8.70E-05	2.75E-08	7.99E-09	1.64E-03	5.16E-07	1.50E-07	3.94E-05	1.24E-08	3.62E-09
4968	490363.09, 3862877.25	1.63E-03	5.15E-07	1.50E-07	7.63E-05	2.41E-08	7.00E-09	1.65E-03	5.19E-07	1.51E-07	8.82E-05	2.78E-08	8.10E-09	1.67E-03	5.29E-07	1.54E-07	4.00E-05	1.26E-08	3.67E-09
4969	490863.09, 3862877.25	1.67E-03	5.28E-07	1.54E-07	7.67E-05	2.42E-08	7.04E-09	1.69E-03	5.33E-07	1.55E-07	8.87E-05	2.80E-08	8.15E-09	1.72E-03	5.42E-07	1.58E-07	4.02E-05	1.27E-08	3.70E-09
4970	491363.09, 3862877.25	1.69E-03	5.34E-07	1.55E-07	7.92E-05	2.50E-08	7.27E-09	1.70E-03	5.38E-07	1.56E-07	9.16E-05	2.89E-08	8.41E-09	1.73E-03	5.47E-07	1.59E-07	4.16E-05	1.31E-08	3.82E-09
4971	491863.09, 3862877.25	1.64E-03	5.17E-07	1.50E-07	7.77E-05	2.45E-08	7.14E-09	1.65E-03	5.21E-07	1.51E-07	8.99E-05	2.84E-08	8.25E-09	1.68E-03	5.30E-07	1.54E-07	4.08E-05	1.29E-08	3.75E-09
4972	492363.09, 3862877.25	1.60E-03	5.06E-07	1.47E-07	7.90E-05	2.49E-08	7.25E-09	1.62E-03	5.10E-07	1.48E-07	9.13E-05	2.88E-08	8.38E-09	1.64E-03	5.18E-07	1.51E-07	4.15E-05	1.31E-08	3.81E-09
4973	492863.09, 3862877.25	1.61E-03	5.07E-07	1.47E-07	8.30E-05	2.62E-08	7.62E-09	1.62E-03	5.11E-07	1.49E-07	9.60E-05	3.03E-08	8.81E-09	1.64E-03	5.18E-07	1.51E-07	4.35E-05	1.37E-08	4.00E-09
4974	493363.09, 3862877.25	1.63E-03	5.14E-07	1.49E-07	8.37E-05	2.64E-08	7.68E-09	1.64E-03	5.18E-07	1.51E-07	9.68E-05	3.06E-08	8.89E-09	1.66E-03	5.25E-07	1.53E-07	4.39E-05	1.39E-08	4.03E-09
4975	493863.09, 3862877.25	1.64E-03	5.17E-07	1.50E-07	8.01E-05	2.53E-08	7.36E-09	1.65E-03	5.21E-07	1.52E-07	9.27E-05	2.93E-08	8.51E-09	1.68E-03	5.29E-07	1.54E-07	4.21E-05	1.33E-08	3.86E-09
4976	494363.09, 3862877.25	1.62E-03	5.13E-07	1.49E-07	7.57E-05	2.39E-08	6.95E-09	1.64E-03	5.17E-07	1.50E-07	8.76E-05	2.76E-08	8.04E-09	1.67E-03	5.26E-07	1.53E-07	3.98E-05	1.26E-08	3.65E-09
4977	494863.09, 3862877.25	1.60E-03	5.05E-07	1.47E-07	7.32E-05	2.31E-08	6.72E-09	1.61E-03	5.09E-07	1.48E-07	8.47E-05	2.67E-08	7.78E-09	1.64E-03	5.18E-07	1.51E-07	3.85E-05	1.21E-08	3.53E-09
4978	495363.09, 3862877.25	1.58E-03	4.98E-07	1.45E-07	7.30E-05	2.30E-08	6.70E-09	1.59E-03	5.02E-07	1.46E-07	8.44E-05	2.66E-08	7.75E-09	1.62E-03	5.11E-07	1.49E-07	3.84E-05	1.21E-08	3.52E-09
4979	495863.09, 3862877.25	1.55E-03	4.89E-07	1.42E-07	7.32E-05	2.31E-08	6.72E-09	1.56E-03	4.93E-07	1.43E-07	8.47E-05	2.67E-08	7.77E-09	1.59E-03	5.02E-07	1.46E-07	3.85E-05	1.22E-08	3.53E-09
4980	496363.09, 3862877.25	1.51E-03	4.77E-07	1.39E-07	7.38E-05	2.33E-08	6.77E-09	1.52E-03	4.81E-07	1.40E-07	8.53E-05	2.69E-08	7.83E-09	1.55E-03	4.88E-07	1.42E-07	3.88E-05	1.22E-08	3.56E-09
4981	496863.09, 3862877.25	1.47E-03	4.63E-07	1.35E-07	7.53E-05	2.38E-08	6.92E-09	1.48E-03	4.67E-07	1.36E-07	8.71E-05	2.75E-08	8.00E-09	1.50E-03	4.74E-07	1.38E-07	3.96E-05	1.25E-08	3.64E-09
4982	497363.09, 3862877.25	1.42E-03	4.49E-07	1.31E-07	7.77E-05	2.45E-08	7.13E-09	1.44E-03	4.53E-07	1.32E-07	8.99E-05	2.84E-08	8.25E-09	1.45E-03	4.58E-07	1.33E-07	4.08E-05	1.29E-08	3.75E-09
4983	497863.09, 3862877.25	1.38E-03	4.37E-07	1.27E-07	8.01E-05	2.53E-08	7.35E-09	1.40E-03	4.41E-07	1.28E-07	9.26E-05	2.92E-08	8.51E-09	1.41E-03	4.45E-07	1.29E-07	4.21E-05	1.33E-08	3.86E-09
4984	498363.09, 3862877.25	1.35E-03	4.28E-07	1.24E-07	8.18E-05	2.58E-08	7.51E-09	1.37E-03	4.32E-07	1.26E-07	9.46E-05	2.98E-08	8.68E-09	1.38E-03	4.35E-07	1.27E-07	4.29E-05	1.35E-08	3.94E-09
4985	471363.09, 3863377.25	3.37E-04	1.06E-07	3.09E-08	3.43E-05	1.08E-08	3.14E-09	3.43E-04	1.08E-07	3.15E-08	3.96E-05	1.25E-08	3.63E-09	3.33E-04	1.05E-07	3.06E-08	1.81E-05	5.71E-09	1.66E-09
4986	471863.09, 3863377.25	3.50E-04	1.10E-07	3.21E-08	3.50E-05	1.10E-08	3.21E-09	3.56E-04	1.12E-07	3.26E-08	4.04E-05	1.28E-08	3.71E-09	3.46E-04	1.09E-07	3.18E-08	1.85E-05	5.83E-09	1.70E-09
4987	472363.09, 3863377.25	3.63E-04	1.15E-07	3.33E-08	3.57E-05	1.13E-08	3.28E-09	3.69E-04	1.17E-07	3.39E-08	4.13E-05	1.30E-08	3.79E-09	3.60E-04	1.14E-07	3.30E-08	1.89E-05	5.96E-09	1.73E-09
4988	472863.09, 3863377.25	3.77E-04	1.19E-07	3.46E-08	3.66E-05	1.15E-08	3.36E-09	3.83E-04	1.21E-07	3.52E-08	4.23E-05	1.33E-08	3.88E-09	3.74E-04	1.18E-07	3.43E-08	1.93E-05	6.10E-09	1.77E-09
4989	473363.09, 3863377.25	3.92E-04	1.24E-07	3.60E-08	3.74E-05	1.18E-08	3.43E-09	3.98E-04	1.26E-07	3.65E-08	4.32E-05	1.36E-08	3.97E-09	3.89E-04	1.23E-07	3.57E-08	1.98E-05	6.24E-09	1.81E-09
4990	473863.09, 3863377.25	4.06E-04	1.28E-07	3.73E-08	3.82E-05	1.21E-08	3.51E-09	4.12E-04	1.30E-07	3.79E-08	4.41E-05	1.39E-08	4.05E-09	4.03E-04	1.27E-07	3.70E-08	2.02E-05	6.37E-09	1.85E-09
4991	474363.09, 3863377.25	4.20E-04	1.33E-07	3.86E-08	3.88E-05	1.22E-08	3.56E-09	4.27E-04	1.35E-07	3.92E-08	4.48E-05	1.41E-08	4.11E-09	4.18E-04	1.32E-07	3.84E-08	2.05E-05	6.46E-09	1.88E-09
4992	474863.09, 3863377.25	4.40E-04	1.39E-07	4.04E-08	3.91E-05	1.23E-08	3.59E-09	4.46E-04	1.41E-07	4.10E-08	4.52E-05	1.43E-08	4.15E-09	4.39E-04	1.38E-07	4.03E-08	2.07E-05	6.52E-09	1.90E-09
4993	475363.09, 3863377.25	4.58E-04	1.45E-07	4.21E-08	3.96E-05	1.25E-08	3.63E-09	4.65E-04	1.47E-07	4.27E-08	4.57E-05	1.44E-08	4.20E-09	4.58E-04	1.44E-07	4.20E-08	2.09E-05	6.60E-09	1.92E-09
4994	475863.09, 3863377.25	4.80E-04	1.51E-07	4.41E-08	4.03E-05	1.27E-08	3.70E-09	4.87E-04	1.54E-07	4.47E-08	4.65E-05	1.47E-08	4.27E-09	4.80E-04	1.52E-07	4.41E-08	2.12E-05	6.71E-09	1.95E-09
4995	476363.09, 3863377.25	5.07E-04	1.60E-07	4.65E-08	4.13E-05	1.30E-08	3.79E-09	5.14E-04	1.62E-07	4.72E-08	4.77E-05	1.50E-08	4.38E-09	5.08E-04	1.60E-07	4.66E-08	2.18E-05	6.87E-09	2.00E-09
4996	476863.09, 3863377.25	5.36E-04	1.69E-07	4.92E-08	4.29E-05	1.35E-08	3.94E-09	5.43E-04	1.71E-07	4.98E-08	4.96E-05	1.56E-08	4.55E-09	5.37E-04	1.70E-07	4.93E-08	2.26E-05	7.15E-09	2.08E-09
4997	477363.09, 3863377.25	5.62E-04	1.77E-07	5.16E-08	4.52E-05	1.43E-08	4.15E-09	5.69E-04	1.80E-07	5.23E-08	5.23E-05	1.65E-08	4.80E-09	5.63E-04	1.78E-07	5.17E-08	2.39E-05	7.53E-09	2.19E-09
4998	477863.09, 3863377.25	5.71E-04	1.80E-07	5.24E-08	4.80E-05	1.52E-08	4.41E-09	5.79E-04	1.83E-07	5.32E-08	5.55E-05	1.75E-08	5.10E-09	5.71E-04	1.80E-07	5.24E-08	2.53E-05	8.00E-09	2.33E-09
4999	478363.09, 3863377.25	5.23E-04	1.65E-07	4.80E-08	5.03E-05	1.59E-08	4.61E-09	5.31E-04	1.68E-07	4.88E-08	5.81E-05	1.83E-08	5.33E-09	5.19E-04	1.64E-07	4.76E-08	2.65E-05	8.37E-09	2.43E-09
5000	478863.09, 3863377.25	5.72E-04	1.81E-07	5.25E-08	5.25E-05	1.66E-08	4.82E-09	5.81E-04	1.83E-07	5.33E-08	6.07E-05	1.92E-08	5.57E-09	5.70E-04	1.80E-07	5.23E-08	2.77E-05	8.74E-09	2.54E-09
5001	479363.09, 3863377.25	6.72E-04	2.12E-07	6.17E-08	5.54E-05	1.75E-08	5.09E-09	6.81E-04	2.15E-07	6.25E-08	6.41E-05	2.02E-08	5.88E-09	6.73E-04	2.12E-07	6.18E-08	2.92E-05	9.22E-09	2.68E-09
5002	479863.09, 3863377.25	7.53E-04	2.38E-07	6.91E-08	5.79E-05	1.83E-08	5.31E-09	7.63E-04	2.41E-07	7.00E-08	6.69E-05	2.11E-08	6.14E-09	7.57E-04	2.39E-07	6.95E-08	3.05E-05	9.62E-09	2.80E-09
5003	480363.09, 3863377.25	7.95E-04	2.51E-07	7.30E-08	6.13E-05	1.93E-08	5.63E-09	8.06E-04	2.54E-07	7.40E-08	7.08E-05	2.24E-08	6.50E-09	8.00E-04	2.52E-07	7.34E-08	3.23E-05	1.02E-08	2.96E-09
5004	480863.09, 3863377.25	8.32E-04	2.63E-07	7.64E-08	6.52E-05	2.06E-08	5.98E-09	8.43E-04	2.66E-07	7.74E-08	7.53E-05	2.38E-08	6.92E-09	8.36E-04	2.64E-07	7.68E-08	3.43E-05	1.08E-08	3.15E-09
5005	481363.09, 3863377.25	8.66E-04	2.73E-07	7.95E-08	6.71E-05	2.12E-08	6.16E-09	8.77E-04	2.77E-07	8.05E-08	7.76E-05	2.45E-08	7.12E-09	8.71E-04	2.75E-07	7.99E-08	3.53E-05	1.11E-08	3.24E-09
5006	481863.09, 3863377.25	8.98E-04	2.83E-07	8.24E-08	6.79E-05	2.14E-08	6.23E-09	9.10E-04	2.87E-07	8.35E-08	7.85E-05	2.48E-08	7.20E-09	9.04E-04	2.85E-07	8.30E-08	3.57E-05	1.13E-08	3.27E-09
5007	482363.09, 3863377.25	9.36E-04	2.96E-07	8.60E-08	6.94E-05	2.19E-08	6.37E-09	9.48E-04	2.99E-07	8.70E-08	8.02E-05	2.53E-08	7.37E-09	9.44E-04	2.98E-07	8.67E-08	3.64E-05	1.15E-08	3.34E-09
5008	482863.09, 3863377.25	9.75E-04	3.08E-07	8.95E-08	7.15E-05	2.26E-08	6.57E-09	9.87E-04	3.12E-07	9.06E-08	8.27E-05	2.61E-08	7.59E-09	9.84E-04	3.10E-07	9.03E-08	3.75E-05	1.18E-08	3.45E-09
5009	483363.09, 3863377.25	1.01E-03	3.19E-07	9.27E-08	7.20E-05	2.27E-08	6.61E-09	1.02E-03	3.23E-07	9.38E-08	8.32E-05	2.63E-08	7.64E-09	1.02E-03	3.22E-07	9.37E-08	3.78E-05	1.19E-08	3.47E-09
5010	483863.09, 3863377.25	1.04E-03	3.29E-07	9.56E-08	7.11E-05	2.24E-08	6.52E-09	1.05E-03	3.32E-07	9.67E-08	8.22E-05	2.59E-08	7.54E-09	1.05E-03	3.33E-07	9.67E-08	3.73E-05	1.18E-08	3.42E-09
5011	484363.09, 3863377.25	1.08E-03	3.41E-07	9.92E-08	7.05E-05	2.22E-08	6.47E-09	1.09E-03	3.45E-07	1.00E-07	8.15E-05	2.57E-08	7.48E-09	1.10E-03	3.46E-07	1.01E-07	3.70E-05	1.17E-08	3.39E-09
5012	484863.09, 3863377.25	1.14E-03	3.60E-07	1.05E-07	7.09E-05	2.24E-08	6.51E-09	1.15E-03	3.64E-07	1.06E-07	8.20E-05	2.59E-08	7.53E-09	1.16E-03	3.66E-07	1.06E-07	3.72E-05	1.18E-08	3.42E-09

5013	485363.09, 3863377.25	1.19E-03	3.77E-07	1.10E-07	6.78E-05	2.14E-08	6.23E-09	1.21E-03	3.80E-07	1.11E-07	7.84E-05	2.48E-08	7.20E-09	1.22E-03	3.84E-07	1.12E-07	3.56E-05	1.12E-08	3.27E-09
5014	485863.09, 3863377.25	1.25E-03	3.94E-07	1.14E-07	6.42E-05	2.03E-08	5.90E-09	1.26E-03	3.97E-07	1.15E-07	7.43E-05	2.34E-08	6.82E-09	1.28E-03	4.03E-07	1.17E-07	3.37E-05	1.06E-08	3.09E-09
5015	486363.09, 3863377.25	1.28E-03	4.03E-07	1.17E-07	6.27E-05	1.98E-08	5.76E-09	1.29E-03	4.06E-07	1.18E-07	7.25E-05	2.29E-08	6.66E-09	1.31E-03	4.13E-07	1.20E-07	3.29E-05	1.04E-08	3.02E-09
5016	486863.09, 3863377.25	1.27E-03	4.00E-07	1.16E-07	6.22E-05	1.96E-08	5.71E-09	1.28E-03	4.03E-07	1.17E-07	7.19E-05	2.27E-08	6.60E-09	1.30E-03	4.09E-07	1.19E-07	3.26E-05	1.03E-08	3.00E-09
5017	487363.09, 3863377.25	1.28E-03	4.04E-07	1.18E-07	6.38E-05	2.01E-08	5.86E-09	1.29E-03	4.08E-07	1.19E-07	7.38E-05	2.33E-08	6.77E-09	1.31E-03	4.14E-07	1.20E-07	3.35E-05	1.06E-08	3.07E-09
5018	487863.09, 3863377.25	1.29E-03	4.08E-07	1.19E-07	6.61E-05	2.09E-08	6.07E-09	1.30E-03	4.12E-07	1.20E-07	7.65E-05	2.41E-08	7.02E-09	1.32E-03	4.17E-07	1.21E-07	3.47E-05	1.10E-08	3.19E-09
5019	488363.09, 3863377.25	1.26E-03	3.99E-07	1.16E-07	6.64E-05	2.10E-08	6.10E-09	1.27E-03	4.02E-07	1.17E-07	7.68E-05	2.42E-08	7.05E-09	1.29E-03	4.07E-07	1.18E-07	3.49E-05	1.10E-08	3.20E-09
5020	488863.09, 3863377.25	1.24E-03	3.92E-07	1.14E-07	6.41E-05	2.02E-08	5.89E-09	1.25E-03	3.96E-07	1.15E-07	7.42E-05	2.34E-08	6.81E-09	1.27E-03	4.01E-07	1.17E-07	3.36E-05	1.06E-08	3.09E-09
5021	489363.09, 3863377.25	1.26E-03	3.99E-07	1.16E-07	6.31E-05	1.99E-08	5.80E-09	1.27E-03	4.02E-07	1.17E-07	7.30E-05	2.30E-08	6.70E-09	1.29E-03	4.08E-07	1.19E-07	3.31E-05	1.04E-08	3.04E-09
5022	489863.09, 3863377.25	1.28E-03	4.05E-07	1.18E-07	6.53E-05	2.06E-08	6.00E-09	1.29E-03	4.08E-07	1.19E-07	7.56E-05	2.39E-08	6.94E-09	1.31E-03	4.14E-07	1.20E-07	3.42E-05	1.08E-08	3.14E-09
5023	490363.09, 3863377.25	1.30E-03	4.09E-07	1.19E-07	6.76E-05	2.14E-08	6.21E-09	1.31E-03	4.13E-07	1.20E-07	7.83E-05	2.47E-08	7.18E-09	1.33E-03	4.19E-07	1.22E-07	3.54E-05	1.12E-08	3.25E-09
5024	490863.09, 3863377.25	1.34E-03	4.21E-07	1.23E-07	6.78E-05	2.14E-08	6.23E-09	1.35E-03	4.25E-07	1.24E-07	7.85E-05	2.48E-08	7.20E-09	1.37E-03	4.31E-07	1.25E-07	3.56E-05	1.12E-08	3.27E-09
5025	491363.09, 3863377.25	1.36E-03	4.31E-07	1.25E-07	6.85E-05	2.16E-08	6.29E-09	1.38E-03	4.34E-07	1.26E-07	7.93E-05	2.50E-08	7.28E-09	1.40E-03	4.41E-07	1.28E-07	3.60E-05	1.14E-08	3.30E-09
5026	491863.09, 3863377.25	1.37E-03	4.33E-07	1.26E-07	6.99E-05	2.21E-08	6.42E-09	1.38E-03	4.37E-07	1.27E-07	8.09E-05	2.55E-08	7.42E-09	1.40E-03	4.43E-07	1.29E-07	3.67E-05	1.16E-08	3.37E-09
5027	492363.09, 3863377.25	1.35E-03	4.26E-07	1.24E-07	6.99E-05	2.21E-08	6.42E-09	1.36E-03	4.30E-07	1.25E-07	8.08E-05	2.55E-08	7.42E-09	1.38E-03	4.36E-07	1.27E-07	3.67E-05	1.16E-08	3.37E-09
5028	492863.09, 3863377.25	1.33E-03	4.18E-07	1.22E-07	7.26E-05	2.29E-08	6.66E-09	1.34E-03	4.22E-07	1.23E-07	8.39E-05	2.65E-08	7.70E-09	1.35E-03	4.27E-07	1.24E-07	3.81E-05	1.20E-08	3.50E-09
5029	493363.09, 3863377.25	1.31E-03	4.14E-07	1.21E-07	7.74E-05	2.44E-08	7.11E-09	1.33E-03	4.19E-07	1.22E-07	8.95E-05	2.83E-08	8.22E-09	1.34E-03	4.22E-07	1.23E-07	4.06E-05	1.28E-08	3.73E-09
5030	493863.09, 3863377.25	1.33E-03	4.20E-07	1.22E-07	7.81E-05	2.46E-08	7.17E-09	1.34E-03	4.24E-07	1.23E-07	9.03E-05	2.85E-08	8.29E-09	1.35E-03	4.27E-07	1.24E-07	4.10E-05	1.29E-08	3.76E-09
5031	494363.09, 3863377.25	1.35E-03	4.25E-07	1.24E-07	7.40E-05	2.34E-08	6.79E-09	1.36E-03	4.29E-07	1.25E-07	8.56E-05	2.70E-08	7.86E-09	1.38E-03	4.34E-07	1.26E-07	3.89E-05	1.23E-08	3.57E-09
5032	494863.09, 3863377.25	1.35E-03	4.27E-07	1.24E-07	7.01E-05	2.21E-08	6.44E-09	1.36E-03	4.31E-07	1.25E-07	8.11E-05	2.56E-08	7.44E-09	1.38E-03	4.36E-07	1.27E-07	3.68E-05	1.16E-08	3.38E-09
5033	495363.09, 3863377.25	1.35E-03	4.26E-07	1.24E-07	6.83E-05	2.16E-08	6.27E-09	1.36E-03	4.30E-07	1.25E-07	7.90E-05	2.49E-08	7.25E-09	1.38E-03	4.36E-07	1.27E-07	3.59E-05	1.13E-08	3.29E-09
5034	495863.09, 3863377.25	1.35E-03	4.25E-07	1.24E-07	6.82E-05	2.15E-08	6.26E-09	1.36E-03	4.28E-07	1.25E-07	7.88E-05	2.49E-08	7.24E-09	1.38E-03	4.34E-07	1.26E-07	3.58E-05	1.13E-08	3.29E-09
5035	496363.09, 3863377.25	1.32E-03	4.17E-07	1.21E-07	6.61E-05	2.09E-08	6.07E-09	1.33E-03	4.21E-07	1.22E-07	7.64E-05	2.41E-08	7.02E-09	1.35E-03	4.27E-07	1.24E-07	3.47E-05	1.10E-08	3.19E-09
5036	496863.09, 3863377.25	1.28E-03	4.03E-07	1.17E-07	6.50E-05	2.05E-08	5.97E-09	1.29E-03	4.07E-07	1.18E-07	7.52E-05	2.37E-08	6.90E-09	1.31E-03	4.12E-07	1.20E-07	3.42E-05	1.08E-08	3.14E-09
5037	497363.09, 3863377.25	1.25E-03	3.94E-07	1.15E-07	6.56E-05	2.07E-08	6.03E-09	1.26E-03	3.97E-07	1.16E-07	7.59E-05	2.40E-08	6.97E-09	1.28E-03	4.02E-07	1.17E-07	3.45E-05	1.09E-08	3.17E-09
5038	497863.09, 3863377.25	1.22E-03	3.85E-07	1.12E-07	6.75E-05	2.13E-08	6.19E-09	1.23E-03	3.88E-07	1.13E-07	7.80E-05	2.46E-08	7.16E-09	1.24E-03	3.92E-07	1.14E-07	3.55E-05	1.12E-08	3.26E-09
5039	498363.09, 3863377.25	1.19E-03	3.75E-07	1.09E-07	6.97E-05	2.20E-08	6.40E-09	1.20E-03	3.79E-07	1.10E-07	8.06E-05	2.54E-08	7.40E-09	1.21E-03	3.82E-07	1.11E-07	3.66E-05	1.16E-08	3.36E-09
5040	471363.09, 3863877.25	3.31E-04	1.04E-07	3.04E-08	3.22E-05	1.02E-08	2.96E-09	3.36E-04	1.06E-07	3.09E-08	3.72E-05	1.18E-08	3.42E-09	3.28E-04	1.03E-07	3.01E-08	1.70E-05	5.38E-09	1.56E-09
5041	471863.09, 3863877.25	3.39E-04	1.07E-07	3.11E-08	3.29E-05	1.04E-08	3.02E-09	3.45E-04	1.09E-07	3.16E-08	3.80E-05	1.20E-08	3.49E-09	3.36E-04	1.06E-07	3.08E-08	1.74E-05	5.49E-09	1.60E-09
5042	472363.09, 3863877.25	3.51E-04	1.11E-07	3.22E-08	3.35E-05	1.06E-08	3.08E-09	3.57E-04	1.13E-07	3.27E-08	3.88E-05	1.22E-08	3.56E-09	3.48E-04	1.10E-07	3.20E-08	1.77E-05	5.60E-09	1.63E-09
5043	472863.09, 3863877.25	3.63E-04	1.15E-07	3.33E-08	3.41E-05	1.08E-08	3.13E-09	3.69E-04	1.16E-07	3.39E-08	3.94E-05	1.24E-08	3.61E-09	3.61E-04	1.14E-07	3.31E-08	1.80E-05	5.68E-09	1.65E-09
5044	473363.09, 3863877.25	3.77E-04	1.19E-07	3.46E-08	3.44E-05	1.09E-08	3.16E-09	3.83E-04	1.21E-07	3.52E-08	3.97E-05	1.25E-08	3.65E-09	3.76E-04	1.19E-07	3.45E-08	1.82E-05	5.74E-09	1.67E-09
5045	473863.09, 3863877.25	3.90E-04	1.23E-07	3.58E-08	3.47E-05	1.10E-08	3.19E-09	3.96E-04	1.25E-07	3.64E-08	4.01E-05	1.27E-08	3.68E-09	3.89E-04	1.23E-07	3.57E-08	1.83E-05	5.79E-09	1.68E-09
5046	474363.09, 3863877.25	4.06E-04	1.28E-07	3.73E-08	3.50E-05	1.11E-08	3.21E-09	4.12E-04	1.30E-07	3.79E-08	4.05E-05	1.28E-08	3.71E-09	4.06E-04	1.28E-07	3.73E-08	1.85E-05	5.84E-09	1.70E-09
5047	474863.09, 3863877.25	4.27E-04	1.35E-07	3.92E-08	3.54E-05	1.12E-08	3.25E-09	4.33E-04	1.37E-07	3.98E-08	4.09E-05	1.29E-08	3.76E-09	4.28E-04	1.35E-07	3.93E-08	1.87E-05	5.91E-09	1.72E-09
5048	475363.09, 3863877.25	4.47E-04	1.41E-07	4.11E-08	3.63E-05	1.15E-08	3.33E-09	4.54E-04	1.43E-07	4.16E-08	4.19E-05	1.32E-08	3.85E-09	4.48E-04	1.41E-07	4.12E-08	1.92E-05	6.05E-09	1.76E-09
5049	475863.09, 3863877.25	4.74E-04	1.50E-07	4.35E-08	3.73E-05	1.18E-08	3.43E-09	4.80E-04	1.52E-07	4.41E-08	4.31E-05	1.36E-08	3.96E-09	4.76E-04	1.50E-07	4.37E-08	1.97E-05	6.23E-09	1.81E-09
5050	476363.09, 3863877.25	4.98E-04	1.57E-07	4.57E-08	3.88E-05	1.23E-08	3.57E-09	5.05E-04	1.59E-07	4.63E-08	4.49E-05	1.42E-08	4.12E-09	5.00E-04	1.58E-07	4.59E-08	2.05E-05	6.48E-09	1.88E-09
5051	476863.09, 3863877.25	5.24E-04	1.65E-07	4.81E-08	4.07E-05	1.28E-08	3.73E-09	5.31E-04	1.68E-07	4.87E-08	4.70E-05	1.48E-08	4.31E-09	5.26E-04	1.66E-07	4.83E-08	2.15E-05	6.78E-09	1.97E-09
5052	477363.09, 3863877.25	5.48E-04	1.73E-07	5.03E-08	4.29E-05	1.35E-08	3.94E-09	5.55E-04	1.75E-07	5.09E-08	4.96E-05	1.57E-08	4.55E-09	5.50E-04	1.74E-07	5.05E-08	2.27E-05	7.15E-09	2.08E-09
5053	477863.09, 3863877.25	5.62E-04	1.77E-07	5.16E-08	4.53E-05	1.43E-08	4.16E-09	5.69E-04	1.80E-07	5.23E-08	5.24E-05	1.65E-08	4.81E-09	5.63E-04	1.78E-07	5.17E-08	2.39E-05	7.55E-09	2.19E-09
5054	478363.09, 3863877.25	5.45E-04	1.72E-07	5.00E-08	4.73E-05	1.49E-08	4.34E-09	5.53E-04	1.74E-07	5.07E-08	5.47E-05	1.73E-08	5.02E-09	5.44E-04	1.72E-07	4.99E-08	2.49E-05	7.87E-09	2.29E-09
5055	478863.09, 3863877.25	6.17E-04	1.95E-07	5.67E-08	4.93E-05	1.56E-08	4.52E-09	6.26E-04	1.98E-07	5.75E-08	5.70E-05	1.80E-08	5.23E-09	6.20E-04	1.96E-07	5.69E-08	2.60E-05	8.20E-09	2.38E-09
5056	479363.09, 3863877.25	6.63E-04	2.09E-07	6.09E-08	5.15E-05	1.62E-08	4.72E-09	6.72E-04	2.12E-07	6.17E-08	5.95E-05	1.88E-08	5.46E-09	6.66E-04	2.10E-07	6.12E-08	2.71E-05	8.56E-09	2.49E-09
5057	479863.09, 3863877.25	6.96E-04	2.20E-07	6.39E-08	5.43E-05	1.71E-08	4.98E-09	7.06E-04	2.23E-07	6.48E-08	6.27E-05	1.98E-08	5.76E-09	7.00E-04	2.21E-07	6.42E-08	2.86E-05	9.02E-09	2.62E-09
5058	480363.09, 3863877.25	7.26E-04	2.29E-07	6.67E-08	5.73E-05	1.81E-08	5.26E-09	7.36E-04	2.32E-07	6.76E-08	6.63E-05	2.09E-08	6.08E-09	7.30E-04	2.30E-07	6.70E-08	3.02E-05	9.52E-09	2.77E-09
5059	480863.09, 3863877.25	7.52E-04	2.37E-07	6.91E-08	5.99E-05	1.89E-08	5.50E-09	7.62E-04	2.41E-07	7.00E-08	6.93E-05	2.19E-08	6.36E-09	7.55E-04	2.38E-07	6.93E-08	3.15E-05	9.95E-09	2.89E-09
5060	481363.09, 3863877.25	7.75E-04	2.45E-07	7.11E-08	6.07E-05	1.92E-08	5.57E-09	7.85E-04	2.48E-07	7.21E-08	7.02E-05	2.22E-08	6.44E-09	7.79E-04	2.46E-07	7.15E-08	3.19E-05	1.01E-08	2.93E-09
5061	481863.09, 3863877.25	8.00E-04	2.53E-07	7.35E-08	6.10E-05	1.93E-08	5.60E-09	8.11E-04	2.56E-07	7.44E-08	7.06E-05	2.23E-08	6.48E-09	8.06E-04	2.54E-07	7.40E-08	3.21E-05	1.01E-08	2.94E-09
5062	482363.09, 3863877.25	8.30E-04	2.62E-07	7.62E-08	6.29E-05	1.98E-08	5.77E-09	8.41E-04	2.65E-07	7.72E-08	7.27E-05	2.30E-08	6.68E-09	8.36E-04	2.64E-07	7.67E-08	3.30E-05	1.04E-08	3.03E-09
5063	482863.09, 3863877.25	8.59E-04	2.71E-07	7.89E-08	6.42E-05	2.03E-08	5.89E-09	8.70E-04	2.75E-07	7.99E-08	7.42E-05	2.34E-08	6.81E-09	8.66E-04	2.73E-07	7.95E-08	3.37E-05	1.06E-08	3.09E-09
5064	483363.09, 3863877.25	8.88E-04	2.80E-07	8.15E-08	6.37E-05	2.01E-08	5.85E-09	8.99E-04	2.84E-07	8.25E-08	7.37E-05	2.33E-08	6.76E-09	8.97E-04	2.83E-07	8.24E-08	3.34E-05	1.05E-08	3.07E-09
5065	483863.09, 3863877.25	9.20E-04	2.91E-07	8.45E-08	6.30E-05	1.99E-08	5.79E-09	9.31E-04	2.94E-07	8.55E-08	7.29E-05	2.30E-08	6.69E-09	9.31E-04	2.94E-07	8.55E-08	3.31E-05	1.04E-08	3.04E-09
5066	484363.09, 3863877.25	9.58E-04	3.02E-07	8.79E-08	6.32E-05	1.99E-08	5.80E-09	9.69E-04	3.06E-07	8.89E-08	7.31E-05	2.31E-08	6.71E-09	9.71E-04	3.06E-07	8.91E-08	3.32E-05	1.05E-08	3.05E-09
5067	484863.09, 3863877.25	9.97E-04	3.15E-07	9.15E-08	6.35E-05	2.00E-08	5.83E-09	1.01E-03	3.18E-07	9.25E-08	7.34E-05	2.32E-08	6.74E-09	1.01E-03	3.19E-07	9.29E-08	3.34E-05	1.05E-08	3.06E-09
5068	485363.09, 3863877.25	1.03E-03	3.26E-07	9.48E-08	6.05E-05	1.91E-08	5.55E-09	1.04E-03	3.29E-07	9.58E-08	7.00E-05	2.21E-08	6.42E-09	1.05E-03	3.32E-07	9.66E-08	3.17E-05	1.00E-08	2.91E-09
5069	485863.09, 3863877.25	1.08E-03	3.40E-07	9.89E-08	5.77E-05	1.82E-08	5.30E-09	1.09E-03	3.43E-07	9.98E-08	6.68E-05	2.11E-08	6.13E-09	1.10E-03	3.47E-07	1.01E-07	3.03E-05	9.56E-09	2.78E-09
5070	486363.09, 3863877.25	1.07E-03	3.38E-07	9.84E-08	5.60E-05	1.77E-08	5.14E-09	1.08E-03	3.41E-07	9.93E-08	6.47E-05	2.04E-08	5.94E-09	1.10E-03	3.46E-07	1.01E-07	2.94E-05	9.27E-09	2.70E-09
5071	486863.09, 3863877.25	1.07E-03	3.37E-07	9.79E-08	5.52E-05	1.74E-08	5.07E-09	1.08E-03	3.39E-07	9.87E-08	6.38E-05	2.02E-08	5.86E-09	1.09E-03	3.44E-07	1.00E-07	2.90E-05	9.14E-09	2.66E-09
5072	487363.09, 3863877.25	1.06E-03	3.36E-07	9.77E-08	5.66E-05	1.79E-08	5.20E-09	1.07E-03	3.39E-07	9.86E-08	6.55E-05	2.07E-08	6.01E-09	1.09E-03	3.43E-07	9.98E-08	2.98E-05	9.39E-09	2.73E-09
5073	487863.09, 3863877.25	1.07E-03	3.39E-07	9.85E-08	5.91E-05	1.86E-08	5.42E-09	1.08E-03	3.42E-07	9.94E-08	6.83E-05	2.16E-08	6.27E-09	1.09E-03	3.45E-07	1.00E-07	3.11E-05	9.80E-09	2.85E-09
5074	488363.09, 3863877.25	1.06E-03	3.34E-07	9.71E-08	6.00E-05	1.89E-08	5.51E-09	1.07E-03	3.37E-07	9.81E-08	6.94E-05	2.19E-08	6.37E-09	1.08E-03	3.40E-07	9.90E-08	3.15E-05	9.95E-09	2.89E-09
5075	488863.09, 3863877.25	1.04E-03	3.27E-07	9.51E-08	5.84E-05	1.84E-08	5.36E-09	1.05E-03	3.30E-07	9.60E-08	6.75E-05	2.13E-08	6.20E-09	1.06E-03	3.34E-07	9.70E-08	3.06E-05	9.66E-09	2.81E-09
5076	489363.09, 3863877.25	1.05E-03	3.31E-07	9.62E-08	5.64E-05	1.78E-08	5.18E-09	1.06E-03	3.34E-07	9.71E-08	6.52E-05	2.06E-08	5.99E-09	1.07E-03	3.38E-07	9.82E-08	2.96E-05	9.33E-09	2.71E-09
5077	489863.09, 3863877.25	1.07E-03	3.36E-07	9.78E-08	5.72E-05	1.81E-08	5.25E-09	1.08E-03	3.39E-07	9.87E-08	6.62E-05	2.09E-08	6.08E-09	1.09E-03	3.44E-07	9.99E-08	3.00E-05	9.46E-09	2.75E-09
5078	490363.09, 3863877.25	1.07E-03	3.38E-07	9.84E-08	5.99E-05	1.89E-08	5.49E-09	1.08E-03	3.41E-07	9.93E-08	6.92E-05	2.19E-08	6.36E-09	1.09E-03	3.45E-07	1.00E-07	3.14E-05	9.90E-09	2.88E-09

5079 490863.09, 3863877.25	1.09E-03	3.45E-07	1.00E-07	6.10E-05	1.92E-08	5.60E-09	1.10E-03	3.48E-07	1.01E-07	7.05E-05	2.23E-08	6.47E-09	1.11E-03	3.52E-07	1.02E-07	3.20E-05	1.01E-08	2.93E-09
5080 491363.09, 3863877.25	1.12E-03	3.53E-07	1.03E-07	6.06E-05	1.91E-08	5.56E-09	1.13E-03	3.56E-07	1.04E-07	7.00E-05	2.21E-08	6.43E-09	1.14E-03	3.60E-07	1.05E-07	3.18E-05	1.00E-08	2.92E-09
5081 491863.09, 3863877.25	1.16E-03	3.67E-07	1.07E-07	6.37E-05	2.01E-08	5.85E-09	1.17E-03	3.70E-07	1.08E-07	7.36E-05	2.32E-08	6.76E-09	1.19E-03	3.74E-07	1.09E-07	3.34E-05	1.06E-08	3.07E-09
5082 492363.09, 3863877.25	1.17E-03	3.68E-07	1.07E-07	6.62E-05	2.09E-08	6.08E-09	1.18E-03	3.72E-07	1.08E-07	7.66E-05	2.42E-08	7.03E-09	1.19E-03	3.75E-07	1.09E-07	3.48E-05	1.10E-08	3.20E-09
5083 492863.09, 3863877.25	1.08E-03	3.42E-07	9.94E-08	6.56E-05	2.07E-08	6.02E-09	1.09E-03	3.45E-07	1.00E-07	7.58E-05	2.39E-08	6.96E-09	1.10E-03	3.47E-07	1.01E-07	3.45E-05	1.09E-08	3.16E-09
5084 493363.09, 3863877.25	1.05E-03	3.31E-07	9.63E-08	6.68E-05	2.11E-08	6.13E-09	1.06E-03	3.35E-07	9.73E-08	7.72E-05	2.44E-08	7.09E-09	1.06E-03	3.36E-07	9.77E-08	3.51E-05	1.11E-08	3.22E-09
5085 493863.09, 3863877.25	1.05E-03	3.33E-07	9.69E-08	7.01E-05	2.21E-08	6.43E-09	1.07E-03	3.37E-07	9.79E-08	8.10E-05	2.56E-08	7.44E-09	1.07E-03	3.37E-07	9.81E-08	3.68E-05	1.16E-08	3.38E-09
5086 494363.09, 3863877.25	1.08E-03	3.42E-07	9.96E-08	7.07E-05	2.23E-08	6.49E-09	1.10E-03	3.46E-07	1.01E-07	8.18E-05	2.58E-08	7.50E-09	1.10E-03	3.47E-07	1.01E-07	3.71E-05	1.17E-08	3.41E-09
5087 494863.09, 3863877.25	1.11E-03	3.50E-07	1.02E-07	6.80E-05	2.15E-08	6.25E-09	1.12E-03	3.54E-07	1.03E-07	7.87E-05	2.48E-08	7.22E-09	1.13E-03	3.55E-07	1.03E-07	3.58E-05	1.13E-08	3.28E-09
5088 495363.09, 3863877.25	1.12E-03	3.54E-07	1.03E-07	6.42E-05	2.03E-08	5.90E-09	1.13E-03	3.58E-07	1.04E-07	7.43E-05	2.34E-08	6.82E-09	1.14E-03	3.61E-07	1.05E-07	3.38E-05	1.07E-08	3.10E-09
5089 495863.09, 3863877.25	1.13E-03	3.55E-07	1.03E-07	6.18E-05	1.95E-08	5.67E-09	1.14E-03	3.58E-07	1.04E-07	7.14E-05	2.25E-08	6.56E-09	1.15E-03	3.62E-07	1.05E-07	3.25E-05	1.02E-08	2.98E-09
5090 496363.09, 3863877.25	1.14E-03	3.59E-07	1.04E-07	6.04E-05	1.91E-08	5.54E-09	1.15E-03	3.62E-07	1.05E-07	6.98E-05	2.20E-08	6.41E-09	1.16E-03	3.67E-07	1.07E-07	3.17E-05	1.00E-08	2.91E-09
5091 496863.09, 3863877.25	1.13E-03	3.57E-07	1.04E-07	5.97E-05	1.89E-08	5.48E-09	1.14E-03	3.60E-07	1.05E-07	6.91E-05	2.18E-08	6.34E-09	1.16E-03	3.65E-07	1.06E-07	3.14E-05	9.91E-09	2.88E-09
5092 497363.09, 3863877.25	1.11E-03	3.52E-07	1.02E-07	5.92E-05	1.87E-08	5.44E-09	1.12E-03	3.55E-07	1.03E-07	6.85E-05	2.16E-08	6.29E-09	1.14E-03	3.59E-07	1.05E-07	3.11E-05	9.83E-09	2.86E-09
5093 497863.09, 3863877.25	1.09E-03	3.45E-07	1.00E-07	5.91E-05	1.87E-08	5.43E-09	1.10E-03	3.48E-07	1.01E-07	6.84E-05	2.16E-08	6.28E-09	1.12E-03	3.52E-07	1.02E-07	3.11E-05	9.82E-09	2.86E-09
5094 498363.09, 3863877.25	1.07E-03	3.36E-07	9.78E-08	5.96E-05	1.88E-08	5.47E-09	1.08E-03	3.39E-07	9.87E-08	6.89E-05	2.18E-08	6.33E-09	1.09E-03	3.43E-07	9.97E-08	3.13E-05	9.89E-09	2.88E-09
5095 471363.09, 3864377.25	3.19E-04	1.01E-07	2.92E-08	3.03E-05	9.55E-09	2.78E-09	3.24E-04	1.02E-07	2.97E-08	3.50E-05	1.10E-08	3.21E-09	3.16E-04	9.98E-08	2.90E-08	1.60E-05	5.05E-09	1.47E-09
5096 471863.09, 3864377.25	3.27E-04	1.03E-07	3.00E-08	3.06E-05	9.67E-09	2.81E-09	3.32E-04	1.05E-07	3.05E-08	3.54E-05	1.12E-08	3.25E-09	3.25E-04	1.03E-07	2.98E-08	1.62E-05	5.11E-09	1.49E-09
5097 472363.09, 3864377.25	3.38E-04	1.07E-07	3.10E-08	3.09E-05	9.76E-09	2.84E-09	3.43E-04	1.08E-07	3.15E-08	3.57E-05	1.13E-08	3.28E-09	3.36E-04	1.06E-07	3.08E-08	1.64E-05	5.16E-09	1.50E-09
5098 472863.09, 3864377.25	3.49E-04	1.10E-07	3.20E-08	3.11E-05	9.82E-09	2.86E-09	3.54E-04	1.12E-07	3.25E-08	3.59E-05	1.13E-08	3.30E-09	3.48E-04	1.10E-07	3.19E-08	1.65E-05	5.19E-09	1.51E-09
5099 473363.09, 3864377.25	3.64E-04	1.15E-07	3.34E-08	3.12E-05	9.86E-09	2.87E-09	3.69E-04	1.17E-07	3.39E-08	3.61E-05	1.14E-08	3.31E-09	3.64E-04	1.15E-07	3.34E-08	1.65E-05	5.21E-09	1.52E-09
5100 473863.09, 3864377.25	3.80E-04	1.20E-07	3.49E-08	3.16E-05	9.98E-09	2.90E-09	3.85E-04	1.22E-07	3.54E-08	3.65E-05	1.15E-08	3.35E-09	3.80E-04	1.20E-07	3.49E-08	1.67E-05	5.28E-09	1.53E-09
5101 474363.09, 3864377.25	3.98E-04	1.25E-07	3.65E-08	3.23E-05	1.02E-08	2.96E-09	4.03E-04	1.27E-07	3.70E-08	3.73E-05	1.18E-08	3.42E-09	3.98E-04	1.26E-07	3.66E-08	1.71E-05	5.39E-09	1.57E-09
5102 474863.09, 3864377.25	4.19E-04	1.32E-07	3.84E-08	3.30E-05	1.04E-08	3.03E-09	4.24E-04	1.34E-07	3.89E-08	3.82E-05	1.20E-08	3.50E-09	4.20E-04	1.33E-07	3.85E-08	1.75E-05	5.51E-09	1.60E-09
5103 475363.09, 3864377.25	4.39E-04	1.39E-07	4.03E-08	3.41E-05	1.08E-08	3.13E-09	4.45E-04	1.40E-07	4.09E-08	3.94E-05	1.24E-08	3.62E-09	4.41E-04	1.39E-07	4.05E-08	1.81E-05	5.70E-09	1.66E-09
5104 475863.09, 3864377.25	4.60E-04	1.45E-07	4.22E-08	3.54E-05	1.12E-08	3.25E-09	4.66E-04	1.47E-07	4.28E-08	4.09E-05	1.29E-08	3.75E-09	4.62E-04	1.46E-07	4.24E-08	1.87E-05	5.91E-09	1.72E-09
5105 476363.09, 3864377.25	4.78E-04	1.51E-07	4.39E-08	3.69E-05	1.17E-08	3.39E-09	4.84E-04	1.53E-07	4.45E-08	4.26E-05	1.35E-08	3.92E-09	4.80E-04	1.52E-07	4.41E-08	1.95E-05	6.16E-09	1.79E-09
5106 476863.09, 3864377.25	4.96E-04	1.57E-07	4.55E-08	3.87E-05	1.22E-08	3.56E-09	5.03E-04	1.59E-07	4.61E-08	4.47E-05	1.41E-08	4.11E-09	4.98E-04	1.57E-07	4.57E-08	2.05E-05	6.46E-09	1.88E-09
5107 477363.09, 3864377.25	5.19E-04	1.64E-07	4.76E-08	4.05E-05	1.28E-08	3.72E-09	5.26E-04	1.66E-07	4.83E-08	4.68E-05	1.48E-08	4.30E-09	5.21E-04	1.64E-07	4.78E-08	2.14E-05	6.75E-09	1.96E-09
5108 477863.09, 3864377.25	5.42E-04	1.71E-07	4.98E-08	4.21E-05	1.33E-08	3.87E-09	5.49E-04	1.73E-07	5.04E-08	4.87E-05	1.54E-08	4.47E-09	5.44E-04	1.72E-07	5.00E-08	2.22E-05	7.02E-09	2.04E-09
5109 478363.09, 3864377.25	5.67E-04	1.79E-07	5.21E-08	4.37E-05	1.38E-08	4.01E-09	5.75E-04	1.81E-07	5.27E-08	5.05E-05	1.59E-08	4.63E-09	5.70E-04	1.80E-07	5.23E-08	2.30E-05	7.27E-09	2.12E-09
5110 478863.09, 3864377.25	5.93E-04	1.87E-07	5.44E-08	4.57E-05	1.44E-08	4.20E-09	6.00E-04	1.89E-07	5.51E-08	5.28E-05	1.67E-08	4.85E-09	5.96E-04	1.88E-07	5.47E-08	2.41E-05	7.61E-09	2.21E-09
5111 479363.09, 3864377.25	6.18E-04	1.95E-07	5.67E-08	4.81E-05	1.52E-08	4.42E-09	6.26E-04	1.98E-07	5.75E-08	5.56E-05	1.76E-08	5.11E-09	6.20E-04	1.96E-07	5.70E-08	2.54E-05	8.01E-09	2.33E-09
5112 479863.09, 3864377.25	6.40E-04	2.02E-07	5.87E-08	5.10E-05	1.61E-08	4.68E-09	6.48E-04	2.05E-07	5.95E-08	5.89E-05	1.86E-08	5.41E-09	6.42E-04	2.03E-07	5.89E-08	2.69E-05	8.48E-09	2.47E-09
5113 480363.09, 3864377.25	6.59E-04	2.08E-07	6.05E-08	5.36E-05	1.69E-08	4.92E-09	6.68E-04	2.11E-07	6.13E-08	6.20E-05	1.96E-08	5.69E-09	6.61E-04	2.08E-07	6.06E-08	2.82E-05	8.90E-09	2.59E-09
5114 480863.09, 3864377.25	6.74E-04	2.13E-07	6.19E-08	5.46E-05	1.72E-08	5.01E-09	6.84E-04	2.16E-07	6.28E-08	6.31E-05	1.99E-08	5.79E-09	6.77E-04	2.14E-07	6.21E-08	2.87E-05	9.05E-09	2.63E-09
5115 481363.09, 3864377.25	6.91E-04	2.18E-07	6.34E-08	5.47E-05	1.73E-08	5.02E-09	7.00E-04	2.21E-07	6.43E-08	6.32E-05	2.00E-08	5.80E-09	6.94E-04	2.19E-07	6.37E-08	2.87E-05	9.07E-09	2.64E-09
5116 481863.09, 3864377.25	7.14E-04	2.26E-07	6.56E-08	5.55E-05	1.75E-08	5.09E-09	7.24E-04	2.28E-07	6.65E-08	6.42E-05	2.02E-08	5.89E-09	7.19E-04	2.27E-07	6.60E-08	2.91E-05	9.19E-09	2.67E-09
5117 482363.09, 3864377.25	7.42E-04	2.34E-07	6.81E-08	5.69E-05	1.80E-08	5.23E-09	7.51E-04	2.37E-07	6.90E-08	6.58E-05	2.08E-08	6.04E-09	7.47E-04	2.36E-07	6.85E-08	2.99E-05	9.43E-09	2.74E-09
5118 482863.09, 3864377.25	7.68E-04	2.43E-07	7.05E-08	5.75E-05	1.81E-08	5.28E-09	7.78E-04	2.46E-07	7.14E-08	6.65E-05	2.10E-08	6.11E-09	7.74E-04	2.44E-07	7.11E-08	3.02E-05	9.52E-09	2.77E-09
5119 483363.09, 3864377.25	7.96E-04	2.51E-07	7.30E-08	5.67E-05	1.79E-08	5.20E-09	8.05E-04	2.54E-07	7.39E-08	6.56E-05	2.07E-08	6.02E-09	8.04E-04	2.54E-07	7.38E-08	2.97E-05	9.39E-09	2.73E-09
5120 483863.09, 3864377.25	8.26E-04	2.61E-07	7.58E-08	5.63E-05	1.78E-08	5.17E-09	8.36E-04	2.64E-07	7.67E-08	6.51E-05	2.06E-08	5.98E-09	8.36E-04	2.64E-07	7.67E-08	2.96E-05	9.34E-09	2.72E-09
5121 484363.09, 3864377.25	8.52E-04	2.69E-07	7.82E-08	5.72E-05	1.81E-08	5.25E-09	8.62E-04	2.72E-07	7.91E-08	6.62E-05	2.09E-08	6.07E-09	8.63E-04	2.72E-07	7.92E-08	3.01E-05	9.49E-09	2.76E-09
5122 484863.09, 3864377.25	8.74E-04	2.76E-07	8.02E-08	5.69E-05	1.80E-08	5.23E-09	8.84E-04	2.79E-07	8.11E-08	6.58E-05	2.08E-08	6.04E-09	8.86E-04	2.80E-07	8.13E-08	2.99E-05	9.44E-09	2.75E-09
5123 485363.09, 3864377.25	9.05E-04	2.86E-07	8.31E-08	5.41E-05	1.71E-08	4.97E-09	9.14E-04	2.88E-07	8.39E-08	6.26E-05	1.98E-08	5.75E-09	9.21E-04	2.91E-07	8.45E-08	2.84E-05	8.96E-09	2.61E-09
5124 485863.09, 3864377.25	9.27E-04	2.93E-07	8.51E-08	5.19E-05	1.64E-08	4.76E-09	9.36E-04	2.95E-07	8.59E-08	6.00E-05	1.89E-08	5.51E-09	9.46E-04	2.98E-07	8.68E-08	2.72E-05	8.59E-09	2.50E-09
5125 486363.09, 3864377.25	9.14E-04	2.88E-07	8.39E-08	5.03E-05	1.59E-08	4.62E-09	9.23E-04	2.91E-07	8.47E-08	5.82E-05	1.84E-08	5.34E-09	9.33E-04	2.94E-07	8.56E-08	2.64E-05	8.34E-09	2.42E-09
5126 486863.09, 3864377.25	9.16E-04	2.89E-07	8.41E-08	4.94E-05	1.56E-08	4.54E-09	9.24E-04	2.92E-07	8.49E-08	5.72E-05	1.80E-08	5.25E-09	9.35E-04	2.95E-07	8.59E-08	2.60E-05	8.19E-09	2.38E-09
5127 487363.09, 3864377.25	9.07E-04	2.86E-07	8.33E-08	5.07E-05	1.60E-08	4.65E-09	9.15E-04	2.89E-07	8.40E-08	5.86E-05	1.85E-08	5.38E-09	9.25E-04	2.92E-07	8.49E-08	2.67E-05	8.41E-09	2.45E-09
5128 487863.09, 3864377.25	9.10E-04	2.87E-07	8.35E-08	5.31E-05	1.68E-08	4.88E-09	9.19E-04	2.90E-07	8.44E-08	6.14E-05	1.94E-08	5.64E-09	9.26E-04	2.92E-07	8.50E-08	2.79E-05	8.82E-09	2.57E-09
5129 488363.09, 3864377.25	9.01E-04	2.84E-07	8.27E-08	5.43E-05	1.71E-08	4.98E-09	9.10E-04	2.87E-07	8.35E-08	6.28E-05	1.98E-08	5.76E-09	9.16E-04	2.89E-07	8.41E-08	2.85E-05	9.01E-09	2.62E-09
5130 488863.09, 3864377.25	8.86E-04	2.80E-07	8.13E-08	5.35E-05	1.69E-08	4.91E-09	8.95E-04	2.83E-07	8.22E-08	6.19E-05	1.95E-08	5.68E-09	9.01E-04	2.84E-07	8.27E-08	2.81E-05	8.86E-09	2.58E-09
5131 489363.09, 3864377.25	8.90E-04	2.81E-07	8.17E-08	5.14E-05	1.62E-08	4.72E-09	8.99E-04	2.84E-07	8.25E-08	5.94E-05	1.88E-08	5.46E-09	9.07E-04	2.86E-07	8.33E-08	2.69E-05	8.50E-09	2.47E-09
5132 489863.09, 3864377.25	9.04E-04	2.85E-07	8.30E-08	5.09E-05	1.61E-08	4.67E-09	9.13E-04	2.88E-07	8.38E-08	5.89E-05	1.86E-08	5.40E-09	9.22E-04	2.91E-07	8.46E-08	2.67E-05	8.42E-09	2.45E-09
5133 490363.09, 3864377.25	9.10E-04	2.87E-07	8.36E-08	5.29E-05	1.67E-08	4.85E-09	9.19E-04	2.90E-07	8.44E-08	6.11E-05	1.93E-08	5.61E-09	9.27E-04	2.93E-07	8.51E-08	2.77E-05	8.74E-09	2.54E-09
5134 490863.09, 3864377.25	9.25E-04	2.92E-07	8.49E-08	5.54E-05	1.75E-08	5.09E-09	9.34E-04	2.95E-07	8.58E-08	6.41E-05	2.02E-08	5.89E-09	9.41E-04	2.97E-07	8.64E-08	2.90E-05	9.17E-09	2.67E-09
5135 491363.09, 3864377.25	9.45E-04	2.98E-07	8.68E-08	5.74E-05	1.81E-08	5.27E-09	9.55E-04	3.02E-07	8.77E-08	6.64E-05	2.10E-08	6.10E-09	9.62E-04	3.03E-07	8.83E-08	3.01E-05	9.51E-09	2.77E-09
5136 491863.09, 3864377.25	4.07E-04	1.28E-07	3.73E-08	4.27E-05	1.35E-08	3.92E-09	4.14E-04	1.31E-07	3.80E-08	4.94E-05	1.56E-08	4.53E-09	4.01E-04	1.27E-07	3.68E-08	2.25E-05	7.10E-09	2.06E-09
5137 492363.09, 3864377.25	7.78E-04	2.45E-07	7.14E-08	5.96E-05	1.88E-08	5.47E-09	7.88E-04	2.49E-07	7.23E-08	6.89E-05	2.18E-08	6.33E-09	7.82E-04	2.47E-07	7.18E-08	3.13E-05	9.89E-09	2.88E-09
5138 492863.09, 3864377.25	5.65E-04	1.78E-07	5.18E-08	5.31E-05	1.68E-08	4.87E-09	5.74E-04	1.81E-07	5.27E-08	6.14E-05	1.94E-08	5.63E-09	5.61E-04	1.77E-07	5.15E-08	2.80E-05	8.84E-09	2.57E-09
5139 493363.09, 3864377.25	7.60E-04	2.40E-07	6.98E-08	5.53E-05	1.75E-08	5.08E-09	7.69E-04	2.43E-07	7.06E-08	6.39E-05	2.02E-08	5.87E-09	7.66E-04	2.42E-07	7.03E-08	2.92E-05	9.21E-09	2.68E-09
5140 493863.09, 3864377.25	8.41E-04	2.65E-07	7.72E-08	5.91E-05	1.86E-08	5.42E-09	8.51E-04	2.68E-07	7.81E-08	6.83E-05	2.16E-08	6.27E-09	8.49E-04	2.68E-07	7.80E-08	3.10E-05	9.80E-09	2.85E-09
5141 494363.09, 3864377.25	8.80E-04	2.78E-07	8.08E-08	6.31E-05	1.99E-08	5.80E-09	8.90E-04	2.81E-07	8.17E-08	7.30E-05	2.30E-08	6.70E-09	8.88E-04	2.80E-07	8.15E-08	3.31E-05	1.05E-08	3.04E-09
5142 494863.09, 3864377.25	9.11E-04	2.88E-07	8.37E-08	6.40E-05	2.02E-08	5.88E-09	9.22E-04	2.91E-07	8.47E-08	7.41E-05	2.34E-08	6.80E-09	9.21E-04	2.91E-07	8.45E-08	3.36E-05	1.06E-08	3.09E-09
5143 495363.09, 3864377.25	9.31E-04	2.94E-07	8.55E-08	6.20E-05	1.96E-08	5.69E-09	9.42E-04	2.97E-07	8.65E-08	7.17E-05	2.26E-08	6.58E-09	9.43E-04	2.98E-07	8.66E-08	3.26E-05	1.03E-08	2.99E-09
5144 495863.09, 3864377.25	9.46E-04	2.99E-07	8.69E-08	5.87E-05	1.85E-08	5.39E-09	9.56E-04	3.02E-07	8.78E-08	6.79E-05	2.14E-08	6.23E-09	9.61E-04	3.03E-07	8.82E-08	3.09E-05	9.74E-09	2.83E-09

5145	496363.09, 3864377.25	9.59E-04	3.03E-07	8.80E-08	5.59E-05	1.77E-08	5.14E-09	9.68E-04	3.06E-07	8.89E-08	6.47E-05	2.04E-08	5.94E-09	9.76E-04	3.08E-07	8.96E-08	2.94E-05	9.28E-09	2.70E-09
5146	496863.09, 3864377.25	9.68E-04	3.05E-07	8.89E-08	5.48E-05	1.73E-08	5.03E-09	9.77E-04	3.08E-07	8.97E-08	6.34E-05	2.00E-08	5.82E-09	9.86E-04	3.11E-07	9.06E-08	2.88E-05	9.09E-09	2.64E-09
5147	497363.09, 3864377.25	9.76E-04	3.08E-07	8.96E-08	5.43E-05	1.71E-08	4.98E-09	9.85E-04	3.11E-07	9.04E-08	6.28E-05	1.98E-08	5.76E-09	9.95E-04	3.14E-07	9.13E-08	2.85E-05	9.00E-09	2.62E-09
5148	497863.09, 3864377.25	9.80E-04	3.09E-07	8.99E-08	5.47E-05	1.73E-08	5.02E-09	9.89E-04	3.12E-07	9.08E-08	6.33E-05	2.00E-08	5.81E-09	9.99E-04	3.15E-07	9.17E-08	2.88E-05	9.08E-09	2.64E-09
5149	498363.09, 3864377.25	9.64E-04	3.04E-07	8.85E-08	5.39E-05	1.70E-08	4.94E-09	9.73E-04	3.07E-07	8.94E-08	6.23E-05	1.97E-08	5.72E-09	9.83E-04	3.10E-07	9.02E-08	2.83E-05	8.94E-09	2.60E-09
5150	471363.09, 3864877.25	3.06E-04	9.67E-08	2.81E-08	2.79E-05	8.81E-09	2.56E-09	3.11E-04	9.82E-08	2.86E-08	3.22E-05	1.02E-08	2.96E-09	3.05E-04	9.62E-08	2.80E-08	1.48E-05	4.66E-09	1.36E-09
5151	471863.09, 3864877.25	3.16E-04	9.96E-08	2.90E-08	2.80E-05	8.84E-09	2.57E-09	3.20E-04	1.01E-07	2.94E-08	3.24E-05	1.02E-08	2.97E-09	3.15E-04	9.93E-08	2.89E-08	1.48E-05	4.68E-09	1.36E-09
5152	472363.09, 3864877.25	3.27E-04	1.03E-07	3.00E-08	2.81E-05	8.88E-09	2.58E-09	3.31E-04	1.05E-07	3.04E-08	3.25E-05	1.03E-08	2.98E-09	3.26E-04	1.03E-07	2.99E-08	1.49E-05	4.70E-09	1.37E-09
5153	472863.09, 3864877.25	3.39E-04	1.07E-07	3.12E-08	2.84E-05	8.98E-09	2.61E-09	3.44E-04	1.09E-07	3.16E-08	3.29E-05	1.04E-08	3.02E-09	3.39E-04	1.07E-07	3.12E-08	1.50E-05	4.75E-09	1.38E-09
5154	473363.09, 3864877.25	3.56E-04	1.12E-07	3.27E-08	2.89E-05	9.11E-09	2.65E-09	3.61E-04	1.14E-07	3.31E-08	3.33E-05	1.05E-08	3.06E-09	3.56E-04	1.12E-07	3.27E-08	1.53E-05	4.82E-09	1.40E-09
5155	473863.09, 3864877.25	3.73E-04	1.18E-07	3.42E-08	2.95E-05	9.32E-09	2.71E-09	3.78E-04	1.19E-07	3.47E-08	3.41E-05	1.08E-08	3.13E-09	3.74E-04	1.18E-07	3.43E-08	1.56E-05	4.94E-09	1.44E-09
5156	474363.09, 3864877.25	3.90E-04	1.23E-07	3.58E-08	3.04E-05	9.60E-09	2.79E-09	3.95E-04	1.25E-07	3.62E-08	3.51E-05	1.11E-08	3.22E-09	3.91E-04	1.23E-07	3.59E-08	1.61E-05	5.08E-09	1.48E-09
5157	474863.09, 3864877.25	4.06E-04	1.28E-07	3.73E-08	3.13E-05	9.89E-09	2.88E-09	4.12E-04	1.30E-07	3.78E-08	3.62E-05	1.14E-08	3.32E-09	4.08E-04	1.29E-07	3.75E-08	1.66E-05	5.24E-09	1.52E-09
5158	475363.09, 3864877.25	4.21E-04	1.33E-07	3.86E-08	3.24E-05	1.02E-08	2.97E-09	4.26E-04	1.35E-07	3.91E-08	3.74E-05	1.18E-08	3.43E-09	4.23E-04	1.33E-07	3.88E-08	1.71E-05	5.41E-09	1.57E-09
5159	475863.09, 3864877.25	4.35E-04	1.37E-07	3.99E-08	3.35E-05	1.06E-08	3.08E-09	4.41E-04	1.39E-07	4.04E-08	3.87E-05	1.22E-08	3.56E-09	4.37E-04	1.38E-07	4.01E-08	1.77E-05	5.60E-09	1.63E-09
5160	476363.09, 3864877.25	4.50E-04	1.42E-07	4.13E-08	3.50E-05	1.10E-08	3.21E-09	4.56E-04	1.44E-07	4.19E-08	4.04E-05	1.27E-08	3.71E-09	4.52E-04	1.43E-07	4.15E-08	1.85E-05	5.83E-09	1.70E-09
5161	476863.09, 3864877.25	4.68E-04	1.48E-07	4.30E-08	3.67E-05	1.16E-08	3.37E-09	4.74E-04	1.50E-07	4.35E-08	4.24E-05	1.34E-08	3.89E-09	4.70E-04	1.48E-07	4.31E-08	1.94E-05	6.12E-09	1.78E-09
5162	477363.09, 3864877.25	4.88E-04	1.54E-07	4.48E-08	3.81E-05	1.20E-08	3.50E-09	4.95E-04	1.56E-07	4.54E-08	4.40E-05	1.39E-08	4.04E-09	4.90E-04	1.55E-07	4.50E-08	2.01E-05	6.35E-09	1.85E-09
5163	477863.09, 3864877.25	5.10E-04	1.61E-07	4.68E-08	3.94E-05	1.24E-08	3.61E-09	5.16E-04	1.63E-07	4.74E-08	4.55E-05	1.44E-08	4.18E-09	5.12E-04	1.62E-07	4.70E-08	2.08E-05	6.56E-09	1.91E-09
5164	478363.09, 3864877.25	5.31E-04	1.68E-07	4.87E-08	4.10E-05	1.29E-08	3.76E-09	5.38E-04	1.70E-07	4.94E-08	4.73E-05	1.49E-08	4.35E-09	5.34E-04	1.68E-07	4.90E-08	2.16E-05	6.82E-09	1.98E-09
5165	478863.09, 3864877.25	5.51E-04	1.74E-07	5.06E-08	4.31E-05	1.36E-08	3.95E-09	5.58E-04	1.76E-07	5.13E-08	4.98E-05	1.57E-08	4.57E-09	5.53E-04	1.75E-07	5.08E-08	2.27E-05	7.17E-09	2.09E-09
5166	479363.09, 3864877.25	5.67E-04	1.79E-07	5.20E-08	4.54E-05	1.43E-08	4.17E-09	5.74E-04	1.81E-07	5.27E-08	5.25E-05	1.66E-08	4.82E-09	5.69E-04	1.79E-07	5.22E-08	2.39E-05	7.56E-09	2.20E-09
5167	479863.09, 3864877.25	5.79E-04	1.83E-07	5.32E-08	4.77E-05	1.50E-08	4.38E-09	5.87E-04	1.85E-07	5.39E-08	5.51E-05	1.74E-08	5.06E-09	5.80E-04	1.83E-07	5.33E-08	2.51E-05	7.92E-09	2.30E-09
5168	480363.09, 3864877.25	5.91E-04	1.87E-07	5.43E-08	4.94E-05	1.56E-08	4.53E-09	6.00E-04	1.89E-07	5.51E-08	5.71E-05	1.80E-08	5.24E-09	5.92E-04	1.87E-07	5.44E-08	2.60E-05	8.20E-09	2.38E-09
5169	480863.09, 3864877.25	6.05E-04	1.91E-07	5.55E-08	4.97E-05	1.57E-08	4.56E-09	6.13E-04	1.94E-07	5.63E-08	5.74E-05	1.81E-08	5.27E-09	6.06E-04	1.91E-07	5.57E-08	2.61E-05	8.24E-09	2.40E-09
5170	481363.09, 3864877.25	6.24E-04	1.97E-07	5.73E-08	4.98E-05	1.57E-08	4.57E-09	6.33E-04	2.00E-07	5.81E-08	5.76E-05	1.82E-08	5.29E-09	6.27E-04	1.98E-07	5.76E-08	2.62E-05	8.26E-09	2.40E-09
5171	481863.09, 3864877.25	6.48E-04	2.04E-07	5.95E-08	5.06E-05	1.60E-08	4.64E-09	6.57E-04	2.07E-07	6.03E-08	5.85E-05	1.85E-08	5.37E-09	6.52E-04	2.06E-07	5.98E-08	2.65E-05	8.38E-09	2.44E-09
5172	482363.09, 3864877.25	6.70E-04	2.12E-07	6.15E-08	5.16E-05	1.63E-08	4.73E-09	6.79E-04	2.14E-07	6.23E-08	5.96E-05	1.88E-08	5.48E-09	6.74E-04	2.13E-07	6.19E-08	2.71E-05	8.54E-09	2.48E-09
5173	482863.09, 3864877.25	6.94E-04	2.19E-07	6.37E-08	5.17E-05	1.63E-08	4.75E-09	7.03E-04	2.22E-07	6.45E-08	5.98E-05	1.89E-08	5.49E-09	7.00E-04	2.21E-07	6.42E-08	2.71E-05	8.56E-09	2.49E-09
5174	483363.09, 3864877.25	7.23E-04	2.28E-07	6.64E-08	5.10E-05	1.61E-08	4.68E-09	7.32E-04	2.31E-07	6.72E-08	5.89E-05	1.86E-08	5.41E-09	7.31E-04	2.31E-07	6.71E-08	2.68E-05	8.45E-09	2.46E-09
5175	483863.09, 3864877.25	7.45E-04	2.35E-07	6.84E-08	5.11E-05	1.61E-08	4.69E-09	7.54E-04	2.38E-07	6.92E-08	5.90E-05	1.86E-08	5.42E-09	7.53E-04	2.38E-07	6.92E-08	2.68E-05	8.47E-09	2.46E-09
5176	484363.09, 3864877.25	7.59E-04	2.39E-07	6.96E-08	5.21E-05	1.64E-08	4.78E-09	7.68E-04	2.42E-07	7.05E-08	6.02E-05	1.90E-08	5.53E-09	7.67E-04	2.42E-07	7.04E-08	2.74E-05	8.64E-09	2.51E-09
5177	484863.09, 3864877.25	7.76E-04	2.45E-07	7.12E-08	5.14E-05	1.62E-08	4.72E-09	7.84E-04	2.48E-07	7.20E-08	5.95E-05	1.88E-08	5.46E-09	7.86E-04	2.48E-07	7.21E-08	2.70E-05	8.52E-09	2.48E-09
5178	485363.09, 3864877.25	8.00E-04	2.52E-07	7.34E-08	4.91E-05	1.55E-08	4.50E-09	8.08E-04	2.55E-07	7.42E-08	5.67E-05	1.79E-08	5.21E-09	8.13E-04	2.57E-07	7.46E-08	2.57E-05	8.12E-09	2.36E-09
5179	485863.09, 3864877.25	8.02E-04	2.53E-07	7.36E-08	4.71E-05	1.49E-08	4.32E-09	8.10E-04	2.56E-07	7.43E-08	5.45E-05	1.72E-08	5.00E-09	8.16E-04	2.58E-07	7.49E-08	2.47E-05	7.80E-09	2.27E-09
5180	486363.09, 3864877.25	7.94E-04	2.51E-07	7.29E-08	4.55E-05	1.44E-08	4.18E-09	8.02E-04	2.53E-07	7.36E-08	5.26E-05	1.66E-08	4.83E-09	8.09E-04	2.55E-07	7.43E-08	2.39E-05	7.54E-09	2.19E-09
5181	486863.09, 3864877.25	7.98E-04	2.52E-07	7.32E-08	4.46E-05	1.41E-08	4.09E-09	8.05E-04	2.54E-07	7.39E-08	5.15E-05	1.63E-08	4.73E-09	8.14E-04	2.57E-07	7.47E-08	2.34E-05	7.39E-09	2.15E-09
5182	487363.09, 3864877.25	7.86E-04	2.48E-07	7.21E-08	4.55E-05	1.44E-08	4.18E-09	7.93E-04	2.50E-07	7.28E-08	5.26E-05	1.66E-08	4.83E-09	8.00E-04	2.52E-07	7.34E-08	2.39E-05	7.55E-09	2.20E-09
5183	487863.09, 3864877.25	7.84E-04	2.47E-07	7.20E-08	4.79E-05	1.51E-08	4.39E-09	7.92E-04	2.50E-07	7.27E-08	5.53E-05	1.75E-08	5.08E-09	7.97E-04	2.51E-07	7.31E-08	2.52E-05	7.95E-09	2.31E-09
5184	488363.09, 3864877.25	7.78E-04	2.45E-07	7.14E-08	4.94E-05	1.56E-08	4.53E-09	7.86E-04	2.48E-07	7.22E-08	5.71E-05	1.80E-08	5.24E-09	7.89E-04	2.49E-07	7.25E-08	2.59E-05	8.19E-09	2.38E-09
5185	488863.09, 3864877.25	7.69E-04	2.43E-07	7.06E-08	4.92E-05	1.55E-08	4.52E-09	7.77E-04	2.45E-07	7.13E-08	5.69E-05	1.80E-08	5.23E-09	7.80E-04	2.46E-07	7.16E-08	2.58E-05	8.15E-09	2.37E-09
5186	489363.09, 3864877.25	7.72E-04	2.44E-07	7.09E-08	4.74E-05	1.50E-08	4.35E-09	7.80E-04	2.46E-07	7.16E-08	5.48E-05	1.73E-08	5.03E-09	7.85E-04	2.48E-07	7.21E-08	2.49E-05	7.85E-09	2.28E-09
5187	489863.09, 3864877.25	7.80E-04	2.46E-07	7.16E-08	4.60E-05	1.45E-08	4.23E-09	7.88E-04	2.49E-07	7.24E-08	5.33E-05	1.68E-08	4.89E-09	7.94E-04	2.51E-07	7.29E-08	2.42E-05	7.63E-09	2.22E-09
5188	490363.09, 3864877.25	7.86E-04	2.48E-07	7.21E-08	4.69E-05	1.48E-08	4.31E-09	7.94E-04	2.50E-07	7.29E-08	5.43E-05	1.71E-08	4.98E-09	7.99E-04	2.52E-07	7.34E-08	2.46E-05	7.77E-09	2.26E-09
5189	490863.09, 3864877.25	7.46E-04	2.35E-07	6.85E-08	5.20E-05	1.64E-08	4.78E-09	7.55E-04	2.38E-07	6.93E-08	6.02E-05	1.90E-08	5.52E-09	7.54E-04	2.38E-07	6.92E-08	2.72E-05	8.60E-09	2.50E-09
5190	491363.09, 3864877.25	8.09E-04	2.55E-07	7.42E-08	5.27E-05	1.66E-08	4.83E-09	8.18E-04	2.58E-07	7.51E-08	6.09E-05	1.92E-08	5.59E-09	8.20E-04	2.59E-07	7.53E-08	2.76E-05	8.72E-09	2.53E-09
5191	491863.09, 3864877.25	7.45E-04	2.35E-07	6.84E-08	5.27E-05	1.66E-08	4.84E-09	7.54E-04	2.38E-07	6.93E-08	6.09E-05	1.92E-08	5.59E-09	7.53E-04	2.38E-07	6.92E-08	2.76E-05	8.73E-09	2.54E-09
5192	492363.09, 3864877.25	2.66E-04	8.39E-08	2.44E-08	2.64E-05	8.32E-09	2.42E-09	2.70E-04	8.53E-08	2.48E-08	3.04E-05	9.61E-09	2.79E-09	2.63E-04	8.30E-08	2.42E-08	1.40E-05	4.40E-09	1.28E-09
5193	492863.09, 3864877.25	3.66E-04	1.16E-07	3.36E-08	3.83E-05	1.21E-08	3.52E-09	3.73E-04	1.18E-07	3.42E-08	4.43E-05	1.40E-08	4.07E-09	3.61E-04	1.14E-07	3.32E-08	2.02E-05	6.39E-09	1.86E-09
5194	493363.09, 3864877.25	3.76E-04	1.19E-07	3.45E-08	3.65E-05	1.15E-08	3.35E-09	3.82E-04	1.21E-07	3.51E-08	4.21E-05	1.33E-08	3.87E-09	3.73E-04	1.18E-07	3.42E-08	1.93E-05	6.08E-09	1.77E-09
5195	493863.09, 3864877.25	7.02E-04	2.22E-07	6.45E-08	5.03E-05	1.59E-08	4.61E-09	7.11E-04	2.24E-07	6.53E-08	5.81E-05	1.83E-08	5.33E-09	7.08E-04	2.24E-07	6.50E-08	2.65E-05	8.37E-09	2.43E-09
5196	494363.09, 3864877.25	7.64E-04	2.41E-07	7.02E-08	5.40E-05	1.70E-08	4.96E-09	7.74E-04	2.44E-07	7.10E-08	6.24E-05	1.97E-08	5.73E-09	7.72E-04	2.44E-07	7.09E-08	2.84E-05	8.96E-09	2.61E-09
5197	494863.09, 3864877.25	7.70E-04	2.43E-07	7.07E-08	5.72E-05	1.81E-08	5.25E-09	7.79E-04	2.46E-07	7.16E-08	6.62E-05	2.09E-08	6.07E-09	7.76E-04	2.45E-07	7.12E-08	3.00E-05	9.48E-09	2.76E-09
5198	495363.09, 3864877.25	7.85E-04	2.48E-07	7.21E-08	5.82E-05	1.84E-08	5.34E-09	7.95E-04	2.51E-07	7.30E-08	6.73E-05	2.12E-08	6.18E-09	7.91E-04	2.50E-07	7.26E-08	3.06E-05	9.65E-09	2.81E-09
5199	495863.09, 3864877.25	8.07E-04	2.55E-07	7.41E-08	5.65E-05	1.78E-08	5.18E-09	8.16E-04	2.58E-07	7.49E-08	6.53E-05	2.06E-08	5.99E-09	8.15E-04	2.57E-07	7.48E-08	2.97E-05	9.37E-09	2.73E-09
5200	496363.09, 3864877.25	8.09E-04	2.55E-07	7.42E-08	5.39E-05	1.70E-08	4.95E-09	8.18E-04	2.58E-07	7.51E-08	6.23E-05	1.97E-08	5.72E-09	8.19E-04	2.58E-07	7.52E-08	2.83E-05	8.94E-09	2.60E-09
5201	496863.09, 3864877.25	8.20E-04	2.59E-07	7.53E-08	5.13E-05	1.62E-08	4.71E-09	8.29E-04	2.62E-07	7.61E-08	5.94E-05	1.87E-08	5.45E-09	8.33E-04	2.63E-07	7.64E-08	2.70E-05	8.52E-09	2.48E-09
5202	497363.09, 3864877.25	8.33E-04	2.63E-07	7.65E-08	4.99E-05	1.57E-08	4.58E-09	8.42E-04	2.66E-07	7.73E-08	5.77E-05	1.82E-08	5.30E-09	8.47E-04	2.67E-07	7.78E-08	2.62E-05	8.28E-09	2.41E-09
5203	497863.09, 3864877.25	8.43E-04	2.66E-07	7.74E-08	4.97E-05	1.57E-08	4.56E-09	8.52E-04	2.69E-07	7.82E-08	5.74E-05	1.81E-08	5.27E-09	8.58E-04	2.71E-07	7.88E-08	2.61E-05	8.24E-09	2.40E-09
5204	498363.09, 3864877.25	8.53E-04	2.69E-07	7.83E-08	4.95E-05	1.56E-08	4.55E-09	8.61E-04	2.72E-07	7.91E-08	5.73E-05	1.81E-08	5.26E-09	8.68E-04	2.74E-07	7.97E-08	2.60E-05	8.22E-09	2.39E-09
5205	471363.09, 3865377.25	2.97E-04	9.36E-08	2.72E-08	2.55E-05	8.03E-09	2.34E-09	3.01E-04	9.49E-08	2.76E-08	2.94E-05	9.28E-09	2.70E-09	2.96E-04	9.34E-08	2.72E-08	1.35E-05	4.25E-09	1.24E-09
5206	471863.09, 3865377.25	3.07E-04	9.70E-08	2.82E-08	2.57E-05	8.10E-09	2.35E-09	3.12E-04	9.84E-08	2.86E-08	2.96E-05	9.35E-09	2.72E-09	3.07E-04	9.70E-08	2.82E-08	1.36E-05	4.29E-09	1.25E-09
5207	472363.09, 3865377.25	3.20E-04	1.01E-07	2.94E-08	2.61E-05	8.23E-09	2.39E-09	3.25E-04	1.02E-07	2.98E-08	3.01E-05	9.50E-09	2.76E-09	3.21E-04	1.01E-07	2.94E-08	1.38E-05	4.36E-09	1.27E-09
5208	472863.09, 3865377.25	3.33E-04	1.05E-07	3.06E-08	2.67E-05	8.43E-09	2.45E-09	3.38E-04	1.07E-07	3.10E-08	3.09E-05	9.74E-09	2.83E-09	3.34E-04	1.05E-07	3.06E-08	1.42E-05	4.47E-09	1.30E-09
5209	473363.09, 3865377.25	3.48E-04	1.10E-07	3.20E-08	2.74E-05	8.63E-09	2.51E-09	3.53E-04	1.11E-07	3.24E-08	3.16E-05	9.97E-09	2.90E-09	3.49E-04	1.10E-07	3.21E-08	1.45E-05	4.57E-09	1.33E-09
5210	473863.09, 3865377.25	3.61E-04	1.14E-07	3.32E-08	2.81E-05	8.87E-09	2.58E-09	3.66E-04	1.16E-07	3.36E-08	3.25E-05	1.02E-08	2.98E-09	3.63E-04	1.14E-07	3.33E-08	1.49E-05	4.70E-09	1.37E-09

5211 474363.09, 3865377.25	3.74E-04	1.18E-07	3.43E-08	2.89E-05	9.13E-09	2.65E-09	3.78E-04	1.19E-07	3.47E-08	3.34E-05	1.05E-08	3.07E-09	3.75E-04	1.18E-07	3.44E-08	1.53E-05	4.83E-09	1.41E-09
5212 474863.09, 3865377.25	3.85E-04	1.22E-07	3.54E-08	2.98E-05	9.41E-09	2.74E-09	3.90E-04	1.23E-07	3.58E-08	3.44E-05	1.09E-08	3.16E-09	3.87E-04	1.22E-07	3.55E-08	1.58E-05	4.98E-09	1.45E-09
5213 475363.09, 3865377.25	3.97E-04	1.25E-07	3.64E-08	3.06E-05	9.67E-09	2.81E-09	4.02E-04	1.27E-07	3.69E-08	3.54E-05	1.12E-08	3.25E-09	3.98E-04	1.26E-07	3.66E-08	1.62E-05	5.12E-09	1.49E-09
5214 475863.09, 3865377.25	4.10E-04	1.29E-07	3.76E-08	3.18E-05	1.00E-08	2.92E-09	4.15E-04	1.31E-07	3.81E-08	3.68E-05	1.16E-08	3.38E-09	4.12E-04	1.30E-07	3.78E-08	1.68E-05	5.31E-09	1.55E-09
5215 476363.09, 3865377.25	4.22E-04	1.33E-07	3.87E-08	3.37E-05	1.06E-08	3.09E-09	4.28E-04	1.35E-07	3.93E-08	3.89E-05	1.23E-08	3.57E-09	4.23E-04	1.34E-07	3.88E-08	1.78E-05	5.62E-09	1.63E-09
5216 476863.09, 3865377.25	4.08E-04	1.29E-07	3.74E-08	3.53E-05	1.11E-08	3.24E-09	4.14E-04	1.31E-07	3.80E-08	4.08E-05	1.29E-08	3.74E-09	4.07E-04	1.28E-07	3.74E-08	1.87E-05	5.89E-09	1.71E-09
5217 477363.09, 3865377.25	4.58E-04	1.45E-07	4.20E-08	3.62E-05	1.14E-08	3.33E-09	4.64E-04	1.46E-07	4.26E-08	4.19E-05	1.32E-08	3.85E-09	4.59E-04	1.45E-07	4.22E-08	1.91E-05	6.04E-09	1.76E-09
5218 477863.09, 3865377.25	4.77E-04	1.51E-07	4.38E-08	3.71E-05	1.17E-08	3.41E-09	4.84E-04	1.53E-07	4.44E-08	4.29E-05	1.35E-08	3.94E-09	4.79E-04	1.51E-07	4.40E-08	1.96E-05	6.19E-09	1.80E-09
5219 478363.09, 3865377.25	4.93E-04	1.56E-07	4.53E-08	3.89E-05	1.23E-08	3.58E-09	5.00E-04	1.58E-07	4.59E-08	4.50E-05	1.42E-08	4.13E-09	4.95E-04	1.56E-07	4.55E-08	2.06E-05	6.49E-09	1.89E-09
5220 478863.09, 3865377.25	5.05E-04	1.59E-07	4.64E-08	4.09E-05	1.29E-08	3.75E-09	5.12E-04	1.62E-07	4.70E-08	4.73E-05	1.49E-08	4.34E-09	5.06E-04	1.60E-07	4.65E-08	2.16E-05	6.81E-09	1.98E-09
5221 479363.09, 3865377.25	5.13E-04	1.62E-07	4.71E-08	4.28E-05	1.35E-08	3.93E-09	5.20E-04	1.64E-07	4.78E-08	4.95E-05	1.56E-08	4.54E-09	5.14E-04	1.62E-07	4.71E-08	2.26E-05	7.12E-09	2.07E-09
5222 479863.09, 3865377.25	5.23E-04	1.65E-07	4.80E-08	4.45E-05	1.40E-08	4.09E-09	5.30E-04	1.67E-07	4.87E-08	5.15E-05	1.62E-08	4.72E-09	5.23E-04	1.65E-07	4.80E-08	2.34E-05	7.39E-09	2.15E-09
5223 480363.09, 3865377.25	5.35E-04	1.69E-07	4.92E-08	4.52E-05	1.43E-08	4.15E-09	5.43E-04	1.71E-07	4.99E-08	5.22E-05	1.65E-08	4.80E-09	5.36E-04	1.69E-07	4.92E-08	2.37E-05	7.49E-09	2.18E-09
5224 480863.09, 3865377.25	5.53E-04	1.74E-07	5.08E-08	4.53E-05	1.43E-08	4.16E-09	5.61E-04	1.77E-07	5.15E-08	5.23E-05	1.65E-08	4.81E-09	5.54E-04	1.75E-07	5.09E-08	2.38E-05	7.51E-09	2.18E-09
5225 481363.09, 3865377.25	5.72E-04	1.81E-07	5.25E-08	4.56E-05	1.44E-08	4.18E-09	5.80E-04	1.83E-07	5.33E-08	5.27E-05	1.66E-08	4.84E-09	5.75E-04	1.81E-07	5.28E-08	2.39E-05	7.56E-09	2.20E-09
5226 481863.09, 3865377.25	5.90E-04	1.86E-07	5.42E-08	4.62E-05	1.46E-08	4.24E-09	5.98E-04	1.89E-07	5.49E-08	5.34E-05	1.69E-08	4.90E-09	5.94E-04	1.87E-07	5.45E-08	2.43E-05	7.65E-09	2.23E-09
5227 482363.09, 3865377.25	6.09E-04	1.92E-07	5.59E-08	4.68E-05	1.48E-08	4.30E-09	6.17E-04	1.95E-07	5.67E-08	5.42E-05	1.71E-08	4.97E-09	6.13E-04	1.94E-07	5.63E-08	2.46E-05	7.76E-09	2.26E-09
5228 482863.09, 3865377.25	6.35E-04	2.00E-07	5.83E-08	4.66E-05	1.47E-08	4.28E-09	6.43E-04	2.03E-07	5.90E-08	5.39E-05	1.70E-08	4.95E-09	6.40E-04	2.02E-07	5.88E-08	2.45E-05	7.72E-09	2.25E-09
5229 483363.09, 3865377.25	6.61E-04	2.09E-07	6.07E-08	4.62E-05	1.46E-08	4.24E-09	6.69E-04	2.11E-07	6.14E-08	5.34E-05	1.69E-08	4.90E-09	6.68E-04	2.11E-07	6.13E-08	2.43E-05	7.67E-09	2.23E-09
5230 483863.09, 3865377.25	6.72E-04	2.12E-07	6.17E-08	4.68E-05	1.48E-08	4.30E-09	6.80E-04	2.15E-07	6.25E-08	5.41E-05	1.71E-08	4.97E-09	6.79E-04	2.14E-07	6.24E-08	2.46E-05	7.78E-09	2.26E-09
5231 484363.09, 3865377.25	6.80E-04	2.15E-07	6.24E-08	4.76E-05	1.50E-08	4.37E-09	6.88E-04	2.17E-07	6.31E-08	5.50E-05	1.74E-08	5.05E-09	6.87E-04	2.17E-07	6.30E-08	2.50E-05	7.89E-09	2.30E-09
5232 484863.09, 3865377.25	6.95E-04	2.19E-07	6.38E-08	4.67E-05	1.48E-08	4.29E-09	7.03E-04	2.22E-07	6.45E-08	5.41E-05	1.71E-08	4.96E-09	7.04E-04	2.22E-07	6.46E-08	2.45E-05	7.74E-09	2.25E-09
5233 485363.09, 3865377.25	7.07E-04	2.23E-07	6.49E-08	4.47E-05	1.41E-08	4.10E-09	7.14E-04	2.25E-07	6.56E-08	5.17E-05	1.63E-08	4.75E-09	7.18E-04	2.26E-07	6.59E-08	2.35E-05	7.41E-09	2.15E-09
5234 485863.09, 3865377.25	6.98E-04	2.20E-07	6.41E-08	4.30E-05	1.36E-08	3.95E-09	7.06E-04	2.23E-07	6.48E-08	4.97E-05	1.57E-08	4.57E-09	7.10E-04	2.24E-07	6.52E-08	2.26E-05	7.13E-09	2.07E-09
5235 486363.09, 3865377.25	7.01E-04	2.21E-07	6.44E-08	4.16E-05	1.31E-08	3.81E-09	7.08E-04	2.24E-07	6.50E-08	4.81E-05	1.52E-08	4.41E-09	7.14E-04	2.25E-07	6.55E-08	2.18E-05	6.89E-09	2.00E-09
5236 486863.09, 3865377.25	7.03E-04	2.22E-07	6.46E-08	4.05E-05	1.28E-08	3.72E-09	7.10E-04	2.24E-07	6.52E-08	4.68E-05	1.48E-08	4.30E-09	7.16E-04	2.26E-07	6.58E-08	2.13E-05	6.72E-09	1.95E-09
5237 487363.09, 3865377.25	6.92E-04	2.18E-07	6.35E-08	4.12E-05	1.30E-08	3.78E-09	6.99E-04	2.21E-07	6.41E-08	4.76E-05	1.50E-08	4.37E-09	7.03E-04	2.22E-07	6.46E-08	2.17E-05	6.84E-09	1.99E-09
5238 487863.09, 3865377.25	6.88E-04	2.17E-07	6.31E-08	4.34E-05	1.37E-08	3.98E-09	6.95E-04	2.19E-07	6.38E-08	5.02E-05	1.58E-08	4.60E-09	6.98E-04	2.20E-07	6.40E-08	2.28E-05	7.21E-09	2.10E-09
5239 488363.09, 3865377.25	6.81E-04	2.15E-07	6.25E-08	4.51E-05	1.42E-08	4.14E-09	6.88E-04	2.17E-07	6.32E-08	5.21E-05	1.65E-08	4.79E-09	6.89E-04	2.18E-07	6.33E-08	2.37E-05	7.48E-09	2.18E-09
5240 488863.09, 3865377.25	6.74E-04	2.13E-07	6.19E-08	4.54E-05	1.43E-08	4.17E-09	6.82E-04	2.15E-07	6.26E-08	5.25E-05	1.66E-08	4.82E-09	6.83E-04	2.16E-07	6.27E-08	2.38E-05	7.52E-09	2.19E-09
5241 489363.09, 3865377.25	6.81E-04	2.15E-07	6.25E-08	4.42E-05	1.40E-08	4.06E-09	6.88E-04	2.17E-07	6.32E-08	5.11E-05	1.61E-08	4.69E-09	6.91E-04	2.18E-07	6.34E-08	2.32E-05	7.32E-09	2.13E-09
5242 489863.09, 3865377.25	6.90E-04	2.18E-07	6.33E-08	4.29E-05	1.35E-08	3.94E-09	6.97E-04	2.20E-07	6.40E-08	4.96E-05	1.56E-08	4.55E-09	7.01E-04	2.21E-07	6.43E-08	2.25E-05	7.10E-09	2.07E-09
5243 490363.09, 3865377.25	6.61E-04	2.09E-07	6.07E-08	4.41E-05	1.39E-08	4.05E-09	6.68E-04	2.11E-07	6.13E-08	5.10E-05	1.61E-08	4.68E-09	6.69E-04	2.11E-07	6.15E-08	2.31E-05	7.29E-09	2.12E-09
5244 490863.09, 3865377.25	6.39E-04	2.02E-07	5.87E-08	4.60E-05	1.45E-08	4.22E-09	6.47E-04	2.04E-07	5.94E-08	5.32E-05	1.68E-08	4.89E-09	6.45E-04	2.04E-07	5.92E-08	2.41E-05	7.61E-09	2.21E-09
5245 491363.09, 3865377.25	6.28E-04	1.98E-07	5.77E-08	4.84E-05	1.53E-08	4.44E-09	6.36E-04	2.01E-07	5.84E-08	5.60E-05	1.77E-08	5.14E-09	6.32E-04	2.00E-07	5.81E-08	2.54E-05	8.00E-09	2.33E-09
5246 491863.09, 3865377.25	6.44E-04	2.03E-07	5.92E-08	4.86E-05	1.53E-08	4.46E-09	6.53E-04	2.06E-07	5.99E-08	5.62E-05	1.77E-08	5.16E-09	6.49E-04	2.05E-07	5.96E-08	2.55E-05	8.05E-09	2.34E-09
5247 492363.09, 3865377.25	4.90E-04	1.55E-07	4.50E-08	4.40E-05	1.39E-08	4.04E-09	4.98E-04	1.57E-07	4.57E-08	5.08E-05	1.60E-08	4.67E-09	4.89E-04	1.54E-07	4.49E-08	2.31E-05	7.30E-09	2.12E-09
5248 492863.09, 3865377.25	3.72E-04	1.18E-07	3.42E-08	3.97E-05	1.25E-08	3.64E-09	3.79E-04	1.20E-07	3.48E-08	4.58E-05	1.45E-08	4.21E-09	3.67E-04	1.16E-07	3.37E-08	2.09E-05	6.60E-09	1.92E-09
5249 493363.09, 3865377.25	3.21E-04	1.01E-07	2.94E-08	3.38E-05	1.07E-08	3.10E-09	3.26E-04	1.03E-07	3.00E-08	3.90E-05	1.23E-08	3.58E-09	3.16E-04	9.98E-08	2.90E-08	1.78E-05	5.63E-09	1.64E-09
5250 493863.09, 3865377.25	5.08E-04	1.60E-07	4.67E-08	4.58E-05	1.44E-08	4.20E-09	5.16E-04	1.63E-07	4.74E-08	5.29E-05	1.67E-08	4.85E-09	5.06E-04	1.60E-07	4.65E-08	2.42E-05	7.64E-09	2.22E-09
5251 494363.09, 3865377.25	6.46E-04	2.04E-07	5.93E-08	4.59E-05	1.45E-08	4.21E-09	6.54E-04	2.06E-07	6.01E-08	5.30E-05	1.67E-08	4.87E-09	6.52E-04	2.06E-07	5.99E-08	2.42E-05	7.63E-09	2.22E-09
5252 494863.09, 3865377.25	6.75E-04	2.13E-07	6.20E-08	4.90E-05	1.55E-08	4.50E-09	6.84E-04	2.16E-07	6.28E-08	5.66E-05	1.79E-08	5.20E-09	6.81E-04	2.15E-07	6.25E-08	2.58E-05	8.13E-09	2.36E-09
5253 495363.09, 3865377.25	6.76E-04	2.13E-07	6.20E-08	5.21E-05	1.65E-08	4.79E-09	6.85E-04	2.16E-07	6.28E-08	6.03E-05	1.90E-08	5.53E-09	6.80E-04	2.15E-07	6.24E-08	2.74E-05	8.64E-09	2.51E-09
5254 495863.09, 3865377.25	6.93E-04	2.19E-07	6.36E-08	5.31E-05	1.68E-08	4.88E-09	7.02E-04	2.22E-07	6.45E-08	6.14E-05	1.94E-08	5.64E-09	6.97E-04	2.20E-07	6.40E-08	2.79E-05	8.81E-09	2.56E-09
5255 496363.09, 3865377.25	6.89E-04	2.17E-07	6.32E-08	5.22E-05	1.65E-08	4.79E-09	6.98E-04	2.20E-07	6.41E-08	6.04E-05	1.91E-08	5.54E-09	6.93E-04	2.19E-07	6.36E-08	2.74E-05	8.66E-09	2.52E-09
5256 496863.09, 3865377.25	6.89E-04	2.17E-07	6.32E-08	4.99E-05	1.57E-08	4.58E-09	6.97E-04	2.20E-07	6.40E-08	5.77E-05	1.82E-08	5.29E-09	6.95E-04	2.19E-07	6.38E-08	2.62E-05	8.28E-09	2.41E-09
5257 497363.09, 3865377.25	7.10E-04	2.24E-07	6.52E-08	4.73E-05	1.49E-08	4.34E-09	7.18E-04	2.27E-07	6.59E-08	5.47E-05	1.73E-08	5.02E-09	7.19E-04	2.27E-07	6.60E-08	2.49E-05	7.85E-09	2.28E-09
5258 497863.09, 3865377.25	7.23E-04	2.28E-07	6.63E-08	4.58E-05	1.45E-08	4.20E-09	7.30E-04	2.31E-07	6.71E-08	5.30E-05	1.67E-08	4.86E-09	7.33E-04	2.31E-07	6.73E-08	2.41E-05	7.60E-09	2.21E-09
5259 498363.09, 3865377.25	7.28E-04	2.30E-07	6.69E-08	4.55E-05	1.44E-08	4.18E-09	7.36E-04	2.32E-07	6.76E-08	5.26E-05	1.66E-08	4.83E-09	7.40E-04	2.33E-07	6.79E-08	2.39E-05	7.56E-09	2.20E-09
5260 471363.09, 3865877.25	2.91E-04	9.17E-08	2.67E-08	2.36E-05	7.45E-09	2.17E-09	2.95E-04	9.30E-08	2.70E-08	2.73E-05	8.61E-09	2.50E-09	2.91E-04	9.18E-08	2.67E-08	1.25E-05	3.95E-09	1.15E-09
5261 471863.09, 3865877.25	3.02E-04	9.54E-08	2.78E-08	2.41E-05	7.61E-09	2.21E-09	3.06E-04	9.67E-08	2.81E-08	2.78E-05	8.79E-09	2.56E-09	3.03E-04	9.56E-08	2.78E-08	1.28E-05	4.04E-09	1.17E-09
5262 472363.09, 3865877.25	3.13E-04	9.87E-08	2.87E-08	2.49E-05	7.86E-09	2.29E-09	3.17E-04	1.00E-07	2.91E-08	2.87E-05	9.07E-09	2.64E-09	3.13E-04	9.89E-08	2.88E-08	1.32E-05	4.17E-09	1.21E-09
5263 472863.09, 3865877.25	3.24E-04	1.02E-07	2.98E-08	2.55E-05	8.04E-09	2.34E-09	3.29E-04	1.04E-07	3.02E-08	2.94E-05	9.28E-09	2.70E-09	3.25E-04	1.03E-07	2.99E-08	1.35E-05	4.26E-09	1.24E-09
5264 473363.09, 3865877.25	3.35E-04	1.06E-07	3.07E-08	2.61E-05	8.24E-09	2.40E-09	3.39E-04	1.07E-07	3.11E-08	3.02E-05	9.52E-09	2.77E-09	3.36E-04	1.06E-07	3.08E-08	1.38E-05	4.37E-09	1.27E-09
5265 473863.09, 3865877.25	3.44E-04	1.09E-07	3.16E-08	2.68E-05	8.45E-09	2.46E-09	3.49E-04	1.10E-07	3.20E-08	3.09E-05	9.76E-09	2.84E-09	3.46E-04	1.09E-07	3.17E-08	1.42E-05	4.48E-09	1.30E-09
5266 474363.09, 3865877.25	3.53E-04	1.12E-07	3.24E-08	2.75E-05	8.66E-09	2.52E-09	3.58E-04	1.13E-07	3.29E-08	3.17E-05	1.00E-08	2.91E-09	3.55E-04	1.12E-07	3.26E-08	1.45E-05	4.59E-09	1.33E-09
5267 474863.09, 3865877.25	3.64E-04	1.15E-07	3.34E-08	2.83E-05	8.92E-09	2.59E-09	3.68E-04	1.16E-07	3.38E-08	3.26E-05	1.03E-08	3.00E-09	3.65E-04	1.15E-07	3.35E-08	1.50E-05	4.72E-09	1.37E-09
5268 475363.09, 3865877.25	3.75E-04	1.18E-07	3.45E-08	2.92E-05	9.22E-09	2.68E-09	3.80E-04	1.20E-07	3.49E-08	3.38E-05	1.07E-08	3.10E-09	3.77E-04	1.19E-07	3.46E-08	1.55E-05	4.88E-09	1.42E-09
5269 475863.09, 3865877.25	3.89E-04	1.23E-07	3.57E-08	3.04E-05	9.61E-09	2.80E-09	3.94E-04	1.24E-07	3.62E-08	3.52E-05	1.11E-08	3.23E-09	3.90E-04	1.23E-07	3.58E-08	1.61E-05	5.08E-09	1.48E-09
5270 476363.09, 3865877.25	3.94E-04	1.24E-07	3.62E-08	3.23E-05	1.02E-08	2.96E-09	4.00E-04	1.26E-07	3.67E-08	3.73E-05	1.18E-08	3.42E-09	3.95E-04	1.25E-07	3.62E-08	1.71E-05	5.38E-09	1.57E-09
5271 476863.09, 3865877.25	3.85E-04	1.21E-07	3.53E-08	3.34E-05	1.06E-08	3.07E-09	3.90E-04	1.23E-07	3.58E-08	3.86E-05	1.22E-08	3.55E-09	3.84E-04	1.21E-07	3.52E-08	1.77E-05	5.58E-09	1.62E-09
5272 477363.09, 3865877.25	4.28E-04	1.35E-07	3.93E-08	3.45E-05	1.09E-08	3.16E-09	4.34E-04	1.37E-07	3.99E-08	3.98E-05	1.26E-08	3.66E-09	4.29E-04	1.36E-07	3.94E-08	1.82E-05	5.75E-09	1.67E-09
5273 477863.09, 3865877.25	4.43E-04	1.40E-07	4.07E-08	3.55E-05	1.12E-08	3.26E-09	4.49E-04	1.42E-07	4.12E-08	4.10E-05	1.29E-08	3.76E-09	4.44E-04	1.40E-07	4.08E-08	1.87E-05	5.92E-09	1.72E-09
5274 478363.09, 3865877.25	4.52E-04	1.43E-07	4.15E-08	3.72E-05	1.17E-08	3.41E-09	4.59E-04	1.45E-07	4.21E-08	4.30E-05	1.36E-08	3.94E-09	4.53E-04	1.43E-07	4.16E-08	1.96E-05	6.19E-09	1.80E-09
5275 478863.09, 3865877.25	4.59E-04	1.45E-07	4.22E-08	3.88E-05	1.23E-08	3.57E-09	4.66E-04	1.47E-07	4.28E-08	4.49E-05	1.42E-08	4.12E-09	4.60E-04	1.45E-07	4.22E-08	2.05E-05	6.46E-09	1.88E-09
5276 479363.09, 3865877.25	4.68E-04	1.48E-07	4.29E-08	4.03E-05	1.27E-08	3.70E-09	4.75E-04	1.50E-07	4.36E-08	4.66E-05	1.47E-08	4.28E-09	4.68E-04	1.48E-07	4.29E-08	2.12E-05	6.70E-09	1.95E-09

5277	479863.09, 3865877.25	4.80E-04	1.51E-07	4.41E-08	4.12E-05	1.30E-08	3.78E-09	4.87E-04	1.54E-07	4.47E-08	4.76E-05	1.50E-08	4.37E-09	4.80E-04	1.51E-07	4.41E-08	2.17E-05	6.84E-09	1.99E-09
5278	480363.09, 3865877.25	4.95E-04	1.56E-07	4.55E-08	4.16E-05	1.31E-08	3.82E-09	5.03E-04	1.59E-07	4.61E-08	4.81E-05	1.52E-08	4.42E-09	4.96E-04	1.57E-07	4.56E-08	2.19E-05	6.90E-09	2.01E-09
5279	480863.09, 3865877.25	5.11E-04	1.61E-07	4.69E-08	4.18E-05	1.32E-08	3.83E-09	5.18E-04	1.64E-07	4.76E-08	4.83E-05	1.52E-08	4.43E-09	5.13E-04	1.62E-07	4.71E-08	2.19E-05	6.92E-09	2.01E-09
5280	481363.09, 3865877.25	5.25E-04	1.66E-07	4.82E-08	4.19E-05	1.32E-08	3.85E-09	5.32E-04	1.68E-07	4.88E-08	4.84E-05	1.53E-08	4.45E-09	5.27E-04	1.66E-07	4.84E-08	2.20E-05	6.94E-09	2.02E-09
5281	481863.09, 3865877.25	5.40E-04	1.70E-07	4.95E-08	4.24E-05	1.34E-08	3.89E-09	5.47E-04	1.73E-07	5.02E-08	4.90E-05	1.55E-08	4.50E-09	5.43E-04	1.71E-07	4.98E-08	2.22E-05	7.02E-09	2.04E-09
5282	482363.09, 3865877.25	5.61E-04	1.77E-07	5.15E-08	4.27E-05	1.35E-08	3.92E-09	5.68E-04	1.79E-07	5.22E-08	4.94E-05	1.56E-08	4.53E-09	5.65E-04	1.78E-07	5.19E-08	2.24E-05	7.07E-09	2.06E-09
5283	482863.09, 3865877.25	5.87E-04	1.85E-07	5.39E-08	4.24E-05	1.34E-08	3.89E-09	5.94E-04	1.88E-07	5.46E-08	4.90E-05	1.55E-08	4.50E-09	5.92E-04	1.87E-07	5.44E-08	2.23E-05	7.03E-09	2.05E-09
5284	483363.09, 3865877.25	6.04E-04	1.91E-07	5.54E-08	4.24E-05	1.34E-08	3.89E-09	6.11E-04	1.93E-07	5.61E-08	4.90E-05	1.55E-08	4.50E-09	6.10E-04	1.92E-07	5.60E-08	2.23E-05	7.04E-09	2.05E-09
5285	483863.09, 3865877.25	6.09E-04	1.92E-07	5.59E-08	4.33E-05	1.37E-08	3.97E-09	6.16E-04	1.94E-07	5.65E-08	5.00E-05	1.58E-08	4.59E-09	6.14E-04	1.94E-07	5.64E-08	2.28E-05	7.19E-09	2.09E-09
5286	484363.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	4.38E-05	1.38E-08	4.02E-09	6.23E-04	1.97E-07	5.72E-08	5.06E-05	1.60E-08	4.65E-09	6.21E-04	1.96E-07	5.70E-08	2.30E-05	7.26E-09	2.11E-09
5287	484863.09, 3865877.25	6.25E-04	1.97E-07	5.74E-08	4.27E-05	1.35E-08	3.92E-09	6.32E-04	2.00E-07	5.81E-08	4.93E-05	1.56E-08	4.53E-09	6.33E-04	2.00E-07	5.81E-08	2.24E-05	7.07E-09	2.06E-09
5288	485363.09, 3865877.25	6.25E-04	1.97E-07	5.74E-08	4.09E-05	1.29E-08	3.76E-09	6.32E-04	2.00E-07	5.81E-08	4.73E-05	1.49E-08	4.34E-09	6.34E-04	2.00E-07	5.82E-08	2.15E-05	6.78E-09	1.97E-09
5289	485863.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	3.95E-05	1.25E-08	3.62E-09	6.22E-04	1.96E-07	5.71E-08	4.56E-05	1.44E-08	4.19E-09	6.24E-04	1.97E-07	5.73E-08	2.07E-05	6.54E-09	1.90E-09
5290	486363.09, 3865877.25	6.26E-04	1.98E-07	5.75E-08	3.80E-05	1.20E-08	3.49E-09	6.32E-04	2.00E-07	5.81E-08	4.40E-05	1.39E-08	4.04E-09	6.36E-04	2.01E-07	5.84E-08	2.00E-05	6.31E-09	1.83E-09
5291	486863.09, 3865877.25	6.26E-04	1.98E-07	5.75E-08	3.70E-05	1.17E-08	3.40E-09	6.32E-04	2.00E-07	5.80E-08	4.28E-05	1.35E-08	3.93E-09	6.37E-04	2.01E-07	5.85E-08	1.95E-05	6.14E-09	1.79E-09
5292	487363.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	3.74E-05	1.18E-08	3.44E-09	6.22E-04	1.96E-07	5.71E-08	4.33E-05	1.37E-08	3.97E-09	6.25E-04	1.97E-07	5.74E-08	1.97E-05	6.22E-09	1.81E-09
5293	487863.09, 3865877.25	6.12E-04	1.93E-07	5.62E-08	3.96E-05	1.25E-08	3.63E-09	6.19E-04	1.95E-07	5.68E-08	4.57E-05	1.44E-08	4.20E-09	6.20E-04	1.96E-07	5.69E-08	2.08E-05	6.58E-09	1.91E-09
5294	488363.09, 3865877.25	6.03E-04	1.90E-07	5.53E-08	4.13E-05	1.30E-08	3.79E-09	6.10E-04	1.92E-07	5.60E-08	4.77E-05	1.51E-08	4.38E-09	6.10E-04	1.92E-07	5.60E-08	2.17E-05	6.85E-09	1.99E-09
5295	488863.09, 3865877.25	5.97E-04	1.88E-07	5.48E-08	4.20E-05	1.33E-08	3.86E-09	6.04E-04	1.91E-07	5.55E-08	4.86E-05	1.53E-08	4.46E-09	6.03E-04	1.90E-07	5.54E-08	2.21E-05	6.96E-09	2.03E-09
5296	489363.09, 3865877.25	6.05E-04	1.91E-07	5.56E-08	4.15E-05	1.31E-08	3.81E-09	6.12E-04	1.93E-07	5.62E-08	4.80E-05	1.51E-08	4.40E-09	6.13E-04	1.93E-07	5.62E-08	2.17E-05	6.86E-09	2.00E-09
5297	489863.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	4.00E-05	1.26E-08	3.68E-09	6.22E-04	1.96E-07	5.71E-08	4.63E-05	1.46E-08	4.25E-09	6.24E-04	1.97E-07	5.73E-08	2.10E-05	6.64E-09	1.93E-09
5298	490363.09, 3865877.25	6.08E-04	1.92E-07	5.59E-08	3.98E-05	1.25E-08	3.65E-09	6.15E-04	1.94E-07	5.65E-08	4.60E-05	1.45E-08	4.22E-09	6.17E-04	1.95E-07	5.66E-08	2.09E-05	6.59E-09	1.92E-09
5299	490863.09, 3865877.25	5.80E-04	1.83E-07	5.33E-08	4.09E-05	1.29E-08	3.75E-09	5.87E-04	1.85E-07	5.39E-08	4.73E-05	1.49E-08	4.34E-09	5.86E-04	1.85E-07	5.38E-08	2.14E-05	6.76E-09	1.97E-09
5300	491363.09, 3865877.25	5.43E-04	1.71E-07	4.98E-08	4.33E-05	1.37E-08	3.98E-09	5.50E-04	1.74E-07	5.05E-08	5.01E-05	1.58E-08	4.60E-09	5.46E-04	1.72E-07	5.01E-08	2.27E-05	7.16E-09	2.08E-09
5301	491863.09, 3865877.25	5.40E-04	1.71E-07	4.96E-08	4.52E-05	1.43E-08	4.15E-09	5.48E-04	1.73E-07	5.03E-08	5.23E-05	1.65E-08	4.80E-09	5.42E-04	1.71E-07	4.97E-08	2.37E-05	7.48E-09	2.17E-09
5302	492363.09, 3865877.25	5.06E-04	1.60E-07	4.64E-08	4.29E-05	1.36E-08	3.94E-09	5.13E-04	1.62E-07	4.71E-08	4.97E-05	1.57E-08	4.56E-09	5.06E-04	1.60E-07	4.65E-08	2.25E-05	7.12E-09	2.07E-09
5303	492863.09, 3865877.25	3.52E-04	1.11E-07	3.23E-08	3.62E-05	1.14E-08	3.32E-09	3.58E-04	1.13E-07	3.29E-08	4.19E-05	1.32E-08	3.84E-09	3.48E-04	1.10E-07	3.20E-08	1.91E-05	6.02E-09	1.75E-09
5304	493363.09, 3865877.25	3.68E-04	1.16E-07	3.38E-08	3.88E-05	1.23E-08	3.57E-09	3.74E-04	1.18E-07	3.44E-08	4.49E-05	1.42E-08	4.12E-09	3.63E-04	1.15E-07	3.33E-08	2.05E-05	6.46E-09	1.88E-09
5305	493863.09, 3865877.25	4.61E-04	1.46E-07	4.24E-08	4.42E-05	1.39E-08	4.06E-09	4.69E-04	1.48E-07	4.31E-08	5.11E-05	1.61E-08	4.69E-09	4.58E-04	1.45E-07	4.21E-08	2.33E-05	7.35E-09	2.14E-09
5306	494363.09, 3865877.25	5.69E-04	1.80E-07	5.23E-08	4.45E-05	1.41E-08	4.09E-09	5.77E-04	1.82E-07	5.30E-08	5.15E-05	1.62E-08	4.72E-09	5.72E-04	1.81E-07	5.25E-08	2.35E-05	7.41E-09	2.15E-09
5307	494863.09, 3865877.25	6.43E-04	2.03E-07	5.90E-08	4.42E-05	1.40E-08	4.06E-09	6.50E-04	2.05E-07	5.97E-08	5.11E-05	1.61E-08	4.70E-09	6.50E-04	2.05E-07	5.96E-08	2.33E-05	7.35E-09	2.14E-09
5308	495363.09, 3865877.25	6.27E-04	1.98E-07	5.76E-08	4.55E-05	1.43E-08	4.17E-09	6.35E-04	2.00E-07	5.83E-08	5.26E-05	1.66E-08	4.82E-09	6.33E-04	2.00E-07	5.81E-08	2.39E-05	7.54E-09	2.19E-09
5309	495863.09, 3865877.25	6.00E-04	1.90E-07	5.51E-08	4.77E-05	1.51E-08	4.38E-09	6.09E-04	1.92E-07	5.59E-08	5.52E-05	1.74E-08	5.07E-09	6.03E-04	1.90E-07	5.54E-08	2.51E-05	7.91E-09	2.30E-09
5310	496363.09, 3865877.25	5.87E-04	1.85E-07	5.39E-08	4.93E-05	1.56E-08	4.52E-09	5.95E-04	1.88E-07	5.47E-08	5.70E-05	1.80E-08	5.23E-09	5.88E-04	1.86E-07	5.40E-08	2.59E-05	8.17E-09	2.38E-09
5311	496863.09, 3865877.25	5.78E-04	1.82E-07	5.30E-08	4.85E-05	1.53E-08	4.45E-09	5.86E-04	1.85E-07	5.38E-08	5.61E-05	1.77E-08	5.15E-09	5.78E-04	1.83E-07	5.31E-08	2.55E-05	8.05E-09	2.34E-09
5312	497363.09, 3865877.25	5.98E-04	1.89E-07	5.49E-08	4.62E-05	1.46E-08	4.24E-09	6.06E-04	1.91E-07	5.56E-08	5.34E-05	1.68E-08	4.90E-09	6.01E-04	1.90E-07	5.52E-08	2.43E-05	7.66E-09	2.23E-09
5313	497863.09, 3865877.25	6.11E-04	1.93E-07	5.61E-08	4.40E-05	1.39E-08	4.04E-09	6.19E-04	1.95E-07	5.68E-08	5.08E-05	1.60E-08	4.67E-09	6.17E-04	1.95E-07	5.66E-08	2.31E-05	7.30E-09	2.12E-09
5314	498363.09, 3865877.25	5.97E-04	1.89E-07	5.48E-08	4.18E-05	1.32E-08	3.84E-09	6.05E-04	1.91E-07	5.55E-08	4.83E-05	1.53E-08	4.44E-09	6.04E-04	1.91E-07	5.54E-08	2.20E-05	6.94E-09	2.02E-09
5315	471363.09, 3866377.25	2.85E-04	8.99E-08	2.62E-08	2.25E-05	7.09E-09	2.06E-09	2.89E-04	9.11E-08	2.65E-08	2.60E-05	8.19E-09	2.38E-09	2.86E-04	9.01E-08	2.62E-08	1.19E-05	3.77E-09	1.10E-09
5316	471863.09, 3866377.25	2.94E-04	9.27E-08	2.70E-08	2.32E-05	7.33E-09	2.13E-09	2.98E-04	9.40E-08	2.73E-08	2.68E-05	8.46E-09	2.46E-09	2.94E-04	9.29E-08	2.70E-08	1.23E-05	3.89E-09	1.13E-09
5317	472363.09, 3866377.25	3.02E-04	9.53E-08	2.77E-08	2.39E-05	7.54E-09	2.19E-09	3.06E-04	9.65E-08	2.81E-08	2.76E-05	8.71E-09	2.53E-09	3.03E-04	9.55E-08	2.78E-08	1.27E-05	4.00E-09	1.16E-09
5318	472863.09, 3866377.25	3.10E-04	9.79E-08	2.85E-08	2.44E-05	7.69E-09	2.24E-09	3.14E-04	9.92E-08	2.89E-08	2.81E-05	8.88E-09	2.58E-09	3.11E-04	9.82E-08	2.86E-08	1.29E-05	4.08E-09	1.19E-09
5319	473363.09, 3866377.25	3.18E-04	1.00E-07	2.92E-08	2.49E-05	7.87E-09	2.29E-09	3.22E-04	1.02E-07	2.96E-08	2.88E-05	9.08E-09	2.64E-09	3.19E-04	1.01E-07	2.93E-08	1.32E-05	4.17E-09	1.21E-09
5320	473863.09, 3866377.25	3.26E-04	1.03E-07	2.99E-08	2.54E-05	8.02E-09	2.33E-09	3.30E-04	1.04E-07	3.03E-08	2.93E-05	9.26E-09	2.69E-09	3.27E-04	1.03E-07	3.00E-08	1.35E-05	4.25E-09	1.24E-09
5321	474363.09, 3866377.25	3.35E-04	1.06E-07	3.07E-08	2.60E-05	8.21E-09	2.39E-09	3.39E-04	1.07E-07	3.11E-08	3.01E-05	9.49E-09	2.76E-09	3.36E-04	1.06E-07	3.08E-08	1.38E-05	4.35E-09	1.27E-09
5322	474863.09, 3866377.25	3.45E-04	1.09E-07	3.17E-08	2.69E-05	8.50E-09	2.47E-09	3.50E-04	1.10E-07	3.21E-08	3.11E-05	9.81E-09	2.85E-09	3.46E-04	1.09E-07	3.18E-08	1.42E-05	4.50E-09	1.31E-09
5323	475363.09, 3866377.25	3.56E-04	1.12E-07	3.27E-08	2.79E-05	8.81E-09	2.56E-09	3.61E-04	1.14E-07	3.31E-08	3.22E-05	1.02E-08	2.96E-09	3.57E-04	1.13E-07	3.28E-08	1.48E-05	4.66E-09	1.36E-09
5324	475863.09, 3866377.25	3.68E-04	1.16E-07	3.38E-08	2.90E-05	9.15E-09	2.66E-09	3.73E-04	1.18E-07	3.42E-08	3.35E-05	1.06E-08	3.07E-09	3.69E-04	1.17E-07	3.39E-08	1.53E-05	4.84E-09	1.41E-09
5325	476363.09, 3866377.25	3.78E-04	1.19E-07	3.47E-08	3.06E-05	9.67E-09	2.81E-09	3.83E-04	1.21E-07	3.51E-08	3.54E-05	1.12E-08	3.25E-09	3.78E-04	1.19E-07	3.47E-08	1.62E-05	5.11E-09	1.49E-09
5326	476863.09, 3866377.25	3.53E-04	1.11E-07	3.24E-08	3.16E-05	9.98E-09	2.90E-09	3.58E-04	1.13E-07	3.29E-08	3.65E-05	1.15E-08	3.35E-09	3.51E-04	1.11E-07	3.22E-08	1.67E-05	5.28E-09	1.54E-09
5327	477363.09, 3866377.25	3.88E-04	1.22E-07	3.56E-08	3.32E-05	1.05E-08	3.04E-09	3.93E-04	1.24E-07	3.61E-08	3.83E-05	1.21E-08	3.52E-09	3.87E-04	1.22E-07	3.56E-08	1.75E-05	5.53E-09	1.61E-09
5328	477863.09, 3866377.25	4.09E-04	1.29E-07	3.75E-08	3.42E-05	1.08E-08	3.14E-09	4.15E-04	1.31E-07	3.81E-08	3.95E-05	1.25E-08	3.63E-09	4.09E-04	1.29E-07	3.75E-08	1.81E-05	5.70E-09	1.66E-09
5329	478363.09, 3866377.25	4.15E-04	1.31E-07	3.81E-08	3.54E-05	1.12E-08	3.25E-09	4.21E-04	1.33E-07	3.87E-08	4.09E-05	1.29E-08	3.75E-09	4.15E-04	1.31E-07	3.81E-08	1.87E-05	5.89E-09	1.71E-09
5330	478863.09, 3866377.25	4.23E-04	1.34E-07	3.89E-08	3.67E-05	1.16E-08	3.37E-09	4.30E-04	1.36E-07	3.94E-08	4.24E-05	1.34E-08	3.90E-09	4.23E-04	1.33E-07	3.88E-08	1.93E-05	6.10E-09	1.78E-09
5331	479363.09, 3866377.25	4.35E-04	1.37E-07	4.00E-08	3.79E-05	1.20E-08	3.48E-09	4.42E-04	1.39E-07	4.06E-08	4.38E-05	1.38E-08	4.02E-09	4.35E-04	1.37E-07	3.99E-08	1.99E-05	6.29E-09	1.83E-09
5332	479863.09, 3866377.25	4.50E-04	1.42E-07	4.13E-08	3.86E-05	1.22E-08	3.55E-09	4.56E-04	1.44E-07	4.19E-08	4.47E-05	1.41E-08	4.10E-09	4.50E-04	1.42E-07	4.13E-08	2.03E-05	6.41E-09	1.86E-09
5333	480363.09, 3866377.25	4.63E-04	1.46E-07	4.25E-08	3.89E-05	1.23E-08	3.57E-09	4.69E-04	1.48E-07	4.31E-08	4.50E-05	1.42E-08	4.13E-09	4.63E-04	1.46E-07	4.25E-08	2.04E-05	6.45E-09	1.88E-09
5334	480863.09, 3866377.25	4.73E-04	1.49E-07	4.34E-08	3.88E-05	1.23E-08	3.56E-09	4.80E-04	1.51E-07	4.40E-08	4.49E-05	1.42E-08	4.12E-09	4.74E-04	1.50E-07	4.35E-08	2.04E-05	6.44E-09	1.87E-09
5335	481363.09, 3866377.25	4.84E-04	1.53E-07	4.45E-08	3.88E-05	1.23E-08	3.57E-09	4.91E-04	1.55E-07	4.51E-08	4.49E-05	1.42E-08	4.12E-09	4.86E-04	1.54E-07	4.47E-08	2.04E-05	6.44E-09	1.87E-09
5336	481863.09, 3866377.25	5.00E-04	1.58E-07	4.59E-08	3.90E-05	1.23E-08	3.58E-09	5.07E-04	1.60E-07	4.65E-08	4.51E-05	1.42E-08	4.14E-09	5.03E-04	1.59E-07	4.62E-08	2.05E-05	6.47E-09	1.88E-09
5337	482363.09, 3866377.25	5.23E-04	1.65E-07	4.80E-08	3.91E-05	1.23E-08	3.59E-09	5.30E-04	1.67E-07	4.86E-08	4.52E-05	1.43E-08	4.15E-09	5.27E-04	1.66E-07	4.84E-08	2.06E-05	6.49E-09	1.89E-09
5338	482863.09, 3866377.25	5.44E-04	1.72E-07	4.99E-08	3.90E-05	1.23E-08	3.58E-09	5.50E-04	1.74E-07	5.05E-08	4.50E-05	1.42E-08	4.13E-09	5.49E-04	1.73E-07	5.04E-08	2.05E-05	6.47E-09	1.88E-09
5339	483363.09, 3866377.25	5.52E-04	1.74E-07	5.06E-08	3.93E-05	1.24E-08	3.60E-09	5.58E-04	1.76E-07	5.13E-08	4.54E-05	1.43E-08	4.17E-09	5.57E-04	1.76E-07	5.11E-08	2.07E-05	6.53E-09	1.90E-09
5340	483863.09, 3866377.25	5.53E-04	1.75E-07	5.08E-08	4.02E-05	1.27E-08	3.69E-09	5.60E-04	1.77E-07	5.14E-08	4.64E-05	1.47E-08	4.26E-09	5.58E-04	1.76E-07	5.12E-08	2.11E-05	6.67E-09	1.94E-09
5341	484363.09, 3866377.25	5.58E-04	1.76E-07	5.12E-08	4.02E-05	1.27E-08	3.69E-09	5.65E-04	1.78E-07	5.19E-08	4.64E-05	1.47E-08	4.26E-09	5.63E-04	1.78E-07	5.17E-08	2.11E-05	6.66E-09	1.94E-09
5342	484863.09, 3866377.25	5.65E-04	1.78E-07	5.19E-08	3.93E-05	1.24E-08	3.60E-09	5.72E-04	1.80E-07	5.25E-08	4.54E-05	1.43E-08	4.17E-09	5.71E-04	1.80E-07	5.24E-08	2.06E-05	6.51E-09	1.89E-09

5343 485363.09, 3866377.25	5.56E-04	1.75E-07	5.10E-08	3.77E-05	1.19E-08	3.46E-09	5.62E-04	1.77E-07	5.16E-08	4.36E-05	1.38E-08	4.00E-09	5.62E-04	1.77E-07	5.16E-08	1.98E-05	6.25E-09	1.82E-09
5344 485863.09, 3866377.25	5.49E-04	1.73E-07	5.04E-08	3.63E-05	1.15E-08	3.33E-09	5.55E-04	1.75E-07	5.09E-08	4.20E-05	1.33E-08	3.86E-09	5.56E-04	1.75E-07	5.10E-08	1.91E-05	6.02E-09	1.75E-09
5345 486363.09, 3866377.25	5.63E-04	1.78E-07	5.17E-08	3.50E-05	1.10E-08	3.21E-09	5.69E-04	1.80E-07	5.23E-08	4.04E-05	1.28E-08	3.71E-09	5.72E-04	1.81E-07	5.25E-08	1.84E-05	5.80E-09	1.69E-09
5346 486863.09, 3866377.25	5.62E-04	1.78E-07	5.16E-08	3.40E-05	1.07E-08	3.12E-09	5.68E-04	1.79E-07	5.22E-08	3.93E-05	1.24E-08	3.61E-09	5.72E-04	1.80E-07	5.25E-08	1.79E-05	5.66E-09	1.65E-09
5347 487363.09, 3866377.25	5.59E-04	1.77E-07	5.14E-08	3.50E-05	1.10E-08	3.21E-09	5.65E-04	1.78E-07	5.19E-08	4.04E-05	1.28E-08	3.71E-09	5.68E-04	1.79E-07	5.21E-08	1.85E-05	5.82E-09	1.69E-09
5348 487863.09, 3866377.25	5.54E-04	1.75E-07	5.09E-08	3.73E-05	1.18E-08	3.42E-09	5.60E-04	1.77E-07	5.15E-08	4.31E-05	1.36E-08	3.95E-09	5.61E-04	1.77E-07	5.15E-08	1.96E-05	6.20E-09	1.80E-09
5349 488363.09, 3866377.25	5.45E-04	1.72E-07	5.00E-08	3.90E-05	1.23E-08	3.58E-09	5.51E-04	1.74E-07	5.06E-08	4.50E-05	1.42E-08	4.13E-09	5.49E-04	1.73E-07	5.04E-08	2.05E-05	6.47E-09	1.88E-09
5350 488863.09, 3866377.25	5.26E-04	1.66E-07	4.83E-08	4.02E-05	1.27E-08	3.69E-09	5.33E-04	1.68E-07	4.89E-08	4.64E-05	1.47E-08	4.26E-09	5.29E-04	1.67E-07	4.86E-08	2.11E-05	6.66E-09	1.94E-09
5351 489363.09, 3866377.25	5.24E-04	1.65E-07	4.81E-08	3.98E-05	1.26E-08	3.66E-09	5.30E-04	1.67E-07	4.87E-08	4.61E-05	1.45E-08	4.23E-09	5.27E-04	1.66E-07	4.84E-08	2.09E-05	6.59E-09	1.92E-09
5352 489863.09, 3866377.25	5.09E-04	1.61E-07	4.67E-08	3.85E-05	1.22E-08	3.54E-09	5.15E-04	1.63E-07	4.73E-08	4.46E-05	1.41E-08	4.09E-09	5.12E-04	1.62E-07	4.70E-08	2.02E-05	6.39E-09	1.86E-09
5353 490363.09, 3866377.25	5.50E-04	1.73E-07	5.05E-08	3.68E-05	1.16E-08	3.38E-09	5.56E-04	1.75E-07	5.10E-08	4.26E-05	1.34E-08	3.91E-09	5.56E-04	1.76E-07	5.11E-08	1.94E-05	6.11E-09	1.78E-09
5354 490863.09, 3866377.25	5.41E-04	1.71E-07	4.97E-08	3.65E-05	1.15E-08	3.35E-09	5.48E-04	1.73E-07	5.03E-08	4.22E-05	1.33E-08	3.88E-09	5.48E-04	1.73E-07	5.03E-08	1.92E-05	6.05E-09	1.76E-09
5355 491363.09, 3866377.25	5.40E-04	1.71E-07	4.96E-08	3.83E-05	1.21E-08	3.52E-09	5.47E-04	1.73E-07	5.02E-08	4.43E-05	1.40E-08	4.07E-09	5.46E-04	1.72E-07	5.01E-08	2.01E-05	6.34E-09	1.84E-09
5356 491863.09, 3866377.25	4.50E-04	1.42E-07	4.13E-08	4.11E-05	1.30E-08	3.78E-09	4.57E-04	1.44E-07	4.19E-08	4.76E-05	1.50E-08	4.37E-09	4.48E-04	1.42E-07	4.12E-08	2.16E-05	6.81E-09	1.98E-09
5357 492363.09, 3866377.25	4.62E-04	1.46E-07	4.24E-08	4.13E-05	1.30E-08	3.79E-09	4.69E-04	1.48E-07	4.31E-08	4.78E-05	1.51E-08	4.39E-09	4.62E-04	1.46E-07	4.24E-08	2.17E-05	6.84E-09	1.99E-09
5358 492863.09, 3866377.25	3.94E-04	1.24E-07	3.62E-08	3.70E-05	1.17E-08	3.40E-09	4.01E-04	1.26E-07	3.68E-08	4.28E-05	1.35E-08	3.93E-09	3.92E-04	1.24E-07	3.60E-08	1.95E-05	6.15E-09	1.79E-09
5359 493363.09, 3866377.25	4.22E-04	1.33E-07	3.88E-08	3.76E-05	1.19E-08	3.45E-09	4.28E-04	1.35E-07	3.93E-08	4.35E-05	1.37E-08	3.99E-09	4.21E-04	1.33E-07	3.87E-08	1.98E-05	6.26E-09	1.82E-09
5360 493863.09, 3866377.25	4.72E-04	1.49E-07	4.34E-08	4.12E-05	1.30E-08	3.78E-09	4.79E-04	1.51E-07	4.40E-08	4.76E-05	1.50E-08	4.37E-09	4.72E-04	1.49E-07	4.33E-08	2.17E-05	6.84E-09	1.99E-09
5361 494363.09, 3866377.25	5.50E-04	1.74E-07	5.05E-08	4.26E-05	1.34E-08	3.91E-09	5.57E-04	1.76E-07	5.11E-08	4.93E-05	1.55E-08	4.52E-09	5.53E-04	1.74E-07	5.07E-08	2.24E-05	7.08E-09	2.06E-09
5362 494863.09, 3866377.25	5.63E-04	1.78E-07	5.17E-08	4.11E-05	1.30E-08	3.77E-09	5.70E-04	1.80E-07	5.24E-08	4.75E-05	1.50E-08	4.36E-09	5.68E-04	1.79E-07	5.21E-08	2.16E-05	6.83E-09	1.99E-09
5363 495363.09, 3866377.25	5.46E-04	1.72E-07	5.01E-08	3.86E-05	1.22E-08	3.54E-09	5.52E-04	1.74E-07	5.07E-08	4.46E-05	1.41E-08	4.09E-09	5.51E-04	1.74E-07	5.06E-08	2.03E-05	6.42E-09	1.87E-09
5364 495863.09, 3866377.25	5.19E-04	1.64E-07	4.76E-08	4.06E-05	1.28E-08	3.73E-09	5.25E-04	1.66E-07	4.82E-08	4.69E-05	1.48E-08	4.31E-09	5.21E-04	1.64E-07	4.78E-08	2.14E-05	6.74E-09	1.96E-09
5365 496363.09, 3866377.25	5.01E-04	1.58E-07	4.60E-08	4.47E-05	1.41E-08	4.10E-09	5.08E-04	1.60E-07	4.67E-08	5.17E-05	1.63E-08	4.74E-09	5.00E-04	1.58E-07	4.59E-08	2.35E-05	7.41E-09	2.15E-09
5366 496863.09, 3866377.25	4.79E-04	1.51E-07	4.39E-08	4.52E-05	1.43E-08	4.15E-09	4.86E-04	1.54E-07	4.47E-08	5.23E-05	1.65E-08	4.80E-09	4.76E-04	1.50E-07	4.37E-08	2.38E-05	7.51E-09	2.18E-09
5367 497363.09, 3866377.25	4.88E-04	1.54E-07	4.48E-08	4.46E-05	1.41E-08	4.09E-09	4.96E-04	1.57E-07	4.55E-08	5.15E-05	1.63E-08	4.73E-09	4.86E-04	1.54E-07	4.47E-08	2.34E-05	7.40E-09	2.15E-09
5368 497863.09, 3866377.25	5.09E-04	1.61E-07	4.67E-08	4.28E-05	1.35E-08	3.93E-09	5.17E-04	1.63E-07	4.74E-08	4.95E-05	1.56E-08	4.55E-09	5.10E-04	1.61E-07	4.68E-08	2.25E-05	7.11E-09	2.07E-09
5369 498363.09, 3866377.25	4.51E-04	1.42E-07	4.14E-08	3.88E-05	1.23E-08	3.57E-09	4.58E-04	1.45E-07	4.20E-08	4.49E-05	1.42E-08	4.12E-09	4.51E-04	1.42E-07	4.14E-08	2.04E-05	6.45E-09	1.88E-09
5370 474494.92, 3848334.16	1.65E-04	5.21E-08	1.52E-08	2.64E-05	8.32E-09	2.42E-09	1.70E-04	5.35E-08	1.56E-08	3.05E-05	9.62E-09	2.80E-09	1.57E-04	4.97E-08	1.44E-08	1.39E-05	4.37E-09	1.27E-09
5371 475167.27, 3848920.79	1.84E-04	5.80E-08	1.69E-08	3.00E-05	9.47E-09	2.75E-09	1.89E-04	5.96E-08	1.73E-08	3.47E-05	1.09E-08	3.18E-09	1.75E-04	5.52E-08	1.61E-08	1.58E-05	4.97E-09	1.45E-09
5372 475297.89, 3848997.96	1.87E-04	5.89E-08	1.71E-08	3.05E-05	9.64E-09	2.80E-09	1.92E-04	6.06E-08	1.76E-08	3.53E-05	1.11E-08	3.24E-09	1.78E-04	5.60E-08	1.63E-08	1.60E-05	5.06E-09	1.47E-09
5373 475439.05, 3849062	1.84E-04	5.81E-08	1.69E-08	3.05E-05	9.64E-09	2.80E-09	1.89E-04	5.98E-08	1.74E-08	3.53E-05	1.12E-08	3.24E-09	1.75E-04	5.52E-08	1.61E-08	1.60E-05	5.06E-09	1.47E-09
5374 475486.86, 3849061.09	1.83E-04	5.77E-08	1.68E-08	3.04E-05	9.60E-09	2.79E-09	1.88E-04	5.93E-08	1.73E-08	3.52E-05	1.11E-08	3.23E-09	1.73E-04	5.48E-08	1.59E-08	1.60E-05	5.04E-09	1.47E-09
5375 475538.46, 3849075.56	1.85E-04	5.82E-08	1.69E-08	3.06E-05	9.65E-09	2.81E-09	1.90E-04	5.99E-08	1.74E-08	3.54E-05	1.12E-08	3.25E-09	1.75E-04	5.53E-08	1.61E-08	1.61E-05	5.07E-09	1.47E-09
5376 475751.79, 3849137.15	1.97E-04	6.23E-08	1.81E-08	3.16E-05	9.97E-09	2.90E-09	2.03E-04	6.40E-08	1.86E-08	3.65E-05	1.15E-08	3.35E-09	1.88E-04	5.94E-08	1.73E-08	1.66E-05	5.23E-09	1.52E-09
5377 476303.62, 3849223.38	2.31E-04	7.29E-08	2.12E-08	3.26E-05	1.03E-08	2.99E-09	2.36E-04	7.46E-08	2.17E-08	3.77E-05	1.19E-08	3.46E-09	2.23E-04	7.04E-08	2.05E-08	1.71E-05	5.40E-09	1.57E-09
5378 476304.51, 3849238.92	2.31E-04	7.28E-08	2.12E-08	3.28E-05	1.03E-08	3.01E-09	2.36E-04	7.46E-08	2.17E-08	3.79E-05	1.20E-08	3.48E-09	2.23E-04	7.03E-08	2.04E-08	1.72E-05	5.43E-09	1.58E-09
5379 476365.04, 3849247.98	2.35E-04	7.43E-08	2.16E-08	3.28E-05	1.04E-08	3.01E-09	2.41E-04	7.61E-08	2.21E-08	3.80E-05	1.20E-08	3.49E-09	2.28E-04	7.18E-08	2.09E-08	1.72E-05	5.44E-09	1.58E-09
5380 476444.86, 3849267.13	2.38E-04	7.52E-08	2.19E-08	3.29E-05	1.04E-08	3.02E-09	2.44E-04	7.70E-08	2.24E-08	3.81E-05	1.20E-08	3.49E-09	2.30E-04	7.27E-08	2.12E-08	1.73E-05	5.45E-09	1.59E-09
5381 476550.75, 3849300.66	2.49E-04	7.84E-08	2.28E-08	3.32E-05	1.05E-08	3.05E-09	2.54E-04	8.02E-08	2.33E-08	3.85E-05	1.21E-08	3.53E-09	2.41E-04	7.61E-08	2.21E-08	1.75E-05	5.51E-09	1.60E-09
5382 476656.71, 3849346.88	2.57E-04	8.10E-08	2.36E-08	3.36E-05	1.06E-08	3.09E-09	2.63E-04	8.29E-08	2.41E-08	3.89E-05	1.23E-08	3.57E-09	2.50E-04	7.88E-08	2.29E-08	1.76E-05	5.57E-09	1.62E-09
5383 476873.55, 3849454.53	2.75E-04	8.69E-08	2.53E-08	3.45E-05	1.09E-08	3.17E-09	2.81E-04	8.88E-08	2.58E-08	3.99E-05	1.26E-08	3.66E-09	2.69E-04	8.48E-08	2.47E-08	1.81E-05	5.72E-09	1.66E-09
5384 477700, 3849859.7	3.42E-04	1.08E-07	3.14E-08	3.77E-05	1.19E-08	3.46E-09	3.49E-04	1.10E-07	3.20E-08	4.36E-05	1.38E-08	4.01E-09	3.37E-04	1.06E-07	3.10E-08	1.98E-05	6.25E-09	1.82E-09
5385 477743.16, 3849856.38	3.40E-04	1.07E-07	3.12E-08	3.74E-05	1.18E-08	3.44E-09	3.46E-04	1.09E-07	3.18E-08	4.33E-05	1.37E-08	3.97E-09	3.35E-04	1.06E-07	3.07E-08	1.96E-05	6.20E-09	1.80E-09
5386 478477.35, 3850216.33	3.57E-04	1.13E-07	3.28E-08	3.97E-05	1.25E-08	3.65E-09	3.64E-04	1.15E-07	3.34E-08	4.60E-05	1.45E-08	4.22E-09	3.51E-04	1.11E-07	3.23E-08	2.08E-05	6.58E-09	1.91E-09
5387 478485.8, 3850201.6	3.55E-04	1.12E-07	3.26E-08	3.95E-05	1.25E-08	3.62E-09	3.62E-04	1.14E-07	3.32E-08	4.57E-05	1.44E-08	4.19E-09	3.50E-04	1.10E-07	3.21E-08	2.07E-05	6.54E-09	1.90E-09
5388 479113.21, 3850501.53	3.92E-04	1.24E-07	3.60E-08	4.51E-05	1.42E-08	4.14E-09	4.00E-04	1.26E-07	3.67E-08	5.22E-05	1.65E-08	4.79E-09	3.85E-04	1.22E-07	3.54E-08	2.37E-05	7.47E-09	2.17E-09
5389 479108.11, 3850382.28	3.78E-04	1.19E-07	3.47E-08	4.49E-05	1.42E-08	4.12E-09	3.85E-04	1.22E-07	3.54E-08	5.19E-05	1.64E-08	4.76E-09	3.70E-04	1.17E-07	3.40E-08	2.35E-05	7.42E-09	2.16E-09
5390 479689.85, 3850674.28	3.84E-04	1.21E-07	3.53E-08	5.29E-05	1.67E-08	4.86E-09	3.93E-04	1.24E-07	3.61E-08	6.12E-05	1.93E-08	5.62E-09	3.72E-04	1.17E-07	3.41E-08	2.77E-05	8.75E-09	2.55E-09
5391 479952.42, 3850774.28	3.94E-04	1.24E-07	3.62E-08	6.04E-05	1.91E-08	5.55E-09	4.05E-04	1.28E-07	3.71E-08	6.99E-05	2.21E-08	6.42E-09	3.78E-04	1.19E-07	3.47E-08	3.16E-05	9.98E-09	2.90E-09
5392 479911.32, 3850884.85	4.12E-04	1.30E-07	3.79E-08	5.76E-05	1.82E-08	5.29E-09	4.22E-04	1.33E-07	3.88E-08	6.67E-05	2.10E-08	6.12E-09	3.99E-04	1.26E-07	3.66E-08	3.02E-05	9.52E-09	2.77E-09
5393 480500.92, 3851178.12	4.62E-04	1.46E-07	4.24E-08	7.45E-05	2.35E-08	6.84E-09	4.75E-04	1.50E-07	4.36E-08	8.62E-05	2.72E-08	7.91E-09	4.41E-04	1.39E-07	4.05E-08	3.89E-05	1.23E-08	3.57E-09
5394 480738.01, 3851289.27	4.84E-04	1.53E-07	4.44E-08	8.29E-05	2.62E-08	7.61E-09	4.98E-04	1.57E-07	4.57E-08	9.59E-05	3.03E-08	8.81E-09	4.58E-04	1.45E-07	4.21E-08	4.33E-05	1.37E-08	3.98E-09
5395 481055.42, 3851443.58	5.07E-04	1.60E-07	4.65E-08	9.42E-05	2.97E-08	8.65E-09	5.23E-04	1.65E-07	4.80E-08	1.09E-04	3.44E-08	1.00E-08	4.76E-04	1.50E-07	4.37E-08	4.92E-05	1.55E-08	4.52E-09
5396 481110.22, 3851443.15	5.04E-04	1.59E-07	4.62E-08	9.61E-05	3.03E-08	8.83E-09	5.20E-04	1.64E-07	4.77E-08	1.11E-04	3.51E-08	1.02E-08	4.71E-04	1.49E-07	4.33E-08	5.02E-05	1.58E-08	4.61E-09
5397 481111.1, 3851417.45	4.98E-04	1.57E-07	4.57E-08	9.61E-05	3.03E-08	8.82E-09	5.14E-04	1.62E-07	4.72E-08	1.11E-04	3.51E-08	1.02E-08	4.65E-04	1.47E-07	4.27E-08	5.02E-05	1.58E-08	4.61E-09
5398 482248.44, 3852605.09	7.24E-04	2.28E-07	6.64E-08	1.50E-04	4.73E-08	1.37E-08	7.49E-04	2.37E-07	6.88E-08	1.73E-04	5.47E-08	1.59E-08	6.71E-04	2.12E-07	6.16E-08	7.81E-05	2.47E-08	7.17E-09
5399 482273.34, 3852632.31	7.31E-04	2.31E-07	6.71E-08	1.52E-04	4.78E-08	1.39E-08	7.57E-04	2.39E-07	6.95E-08	1.75E-04	5.54E-08	1.61E-08	6.77E-04	2.14E-07	6.22E-08	7.91E-05	2.50E-08	7.26E-09
5400 482665.46, 3853038.72	8.71E-04	2.75E-07	8.00E-08	1.85E-04	5.84E-08	1.70E-08	9.03E-04	2.85E-07	8.29E-08	2.14E-04	6.76E-08	1.97E-08	8.04E-04	2.54E-07	7.38E-08	9.66E-05	3.05E-08	8.87E-09
5401 483077.95, 3853844.31	1.15E-03	3.64E-07	1.06E-07	2.41E-04	7.61E-08	2.21E-08	1.19E-03	3.77E-07	1.10E-07	2.79E-04	8.81E-08	2.56E-08	1.07E-03	3.37E-07	9.80E-08	1.26E-04	3.97E-08	1.15E-08
5402 483121.38, 3853909.38	1.17E-03	3.70E-07	1.08E-07	2.53E-04	7.98E-08	2.32E-08	1.21E-03	3.83E-07	1.12E-07	2.93E-04	9.24E-08	2.69E-08	1.08E-03	3.40E-07	9.90E-08	1.32E-04	4.17E-08	1.21E-08
5403 483492.64, 3853911.49	1.16E-03	3.65E-07	1.06E-07	3.41E-04	1.08E-07	3.13E-08	1.21E-03	3.83E-07	1.11E-07	3.95E-04	1.25E-07	3.63E-08	1.01E-03	3.18E-07	9.25E-08	1.78E-04	5.61E-08	1.63E-08
5404 483498.29, 3854204.73	1.32E-03	4.17E-07	1.21E-07	3.60E-04	1.14E-07	3.30E-08	1.38E-03	4.36E-07	1.27E-07	4.17E-04	1.32E-07	3.83E-08	1.17E-03	3.69E-07	1.07E-07	1.88E-04	5.93E-08	1.72E-08
5405 484132.44, 3854662.55	1.97E-03	6.23E-07	1.81E-07	5.66E-04	1.79E-07	5.20E-08	2.07E-03	6.54E-07	1.90E-07	6.55E-04	2.07E-07	6.01E-08	1.73E-03	5.46E-07	1.59E-07	2.96E-04	9.35E-08	2.72E-08
5406 484627.62, 3854876.13	3.20E-03	1.01E-06	2.93E-07	1.04E-03	3.28E-07	9.54E-08	3.38E-03	1.07E-06	3.10E-07	1.20E-03	3.80E-07	1.10E-07	2.73E-03	8.62E-07	2.51E-07	5.42E-04	1.71E-07	4.97E-08
5407 484756.14, 3854949.04	3.84E-03	1.21E-06	3.52E-07	1.38E-03	4.37E-07	1.27E-07	4.07E-03	1.29E-06	3.74E-07	1.60E-03	5.06E-07	1.47E-07	3.19E-03	1.01E-06	2.93E-07	7.20E-04	2.27E-07	6.61E-08
5408 486697.51, 3856599.17	2.78E-02	8.76E-06	2.55E-06	1.82E-02	5.74E-06	1.67E-06	3.09E-02	9.75E-06	2.84E-06	2.11E-02	6.65E-06	1.93E-06	1.81E-02	5.72E-06	1.66E-06	9.45E-03	2.98E-06	8.67E-07

5409	487105.31, 3856962.27	3.02E-02	9.53E-06	2.77E-06	1.94E-02	6.12E-06	1.78E-06	3.35E-02	1.06E-05	3.08E-06	2.25E-02	7.09E-06	2.06E-06	2.00E-02	6.30E-06	1.83E-06	1.01E-02	3.18E-06	9.25E-07
5410	487157.57, 3856901.7	2.48E-02	7.83E-06	2.28E-06	1.48E-02	4.68E-06	1.36E-06	2.74E-02	8.63E-06	2.51E-06	1.72E-02	5.42E-06	1.58E-06	1.71E-02	5.39E-06	1.57E-06	7.70E-03	2.43E-06	7.07E-07
5411	487173.5, 3856853.74	2.28E-02	7.19E-06	2.09E-06	1.32E-02	4.16E-06	1.21E-06	2.50E-02	7.91E-06	2.30E-06	1.53E-02	4.82E-06	1.40E-06	1.59E-02	5.03E-06	1.46E-06	6.86E-03	2.16E-06	6.29E-07
5412	487564.41, 3856860.83	1.60E-02	5.06E-06	1.47E-06	7.67E-03	2.42E-06	7.04E-07	1.73E-02	5.47E-06	1.59E-06	8.88E-03	2.80E-06	8.15E-07	1.22E-02	3.85E-06	1.12E-06	3.99E-03	1.26E-06	3.66E-07
5413	487563.31, 3856931.58	1.63E-02	5.15E-06	1.50E-06	7.71E-03	2.43E-06	7.08E-07	1.77E-02	5.57E-06	1.62E-06	8.93E-03	2.82E-06	8.20E-07	1.25E-02	3.94E-06	1.15E-06	4.01E-03	1.26E-06	3.68E-07
5414	487782.7, 3856926.85	1.40E-02	4.43E-06	1.29E-06	5.93E-03	1.87E-06	5.44E-07	1.51E-02	4.76E-06	1.38E-06	6.87E-03	2.17E-06	6.30E-07	1.12E-02	3.53E-06	1.03E-06	3.08E-03	9.73E-07	2.83E-07
5415	487782.39, 3856757.07	1.35E-02	4.26E-06	1.24E-06	5.95E-03	1.88E-06	5.47E-07	1.45E-02	4.58E-06	1.33E-06	6.90E-03	2.18E-06	6.33E-07	1.06E-02	3.34E-06	9.71E-07	3.10E-03	9.77E-07	2.84E-07
5416	487917.26, 3856752.41	1.26E-02	3.98E-06	1.16E-06	5.29E-03	1.67E-06	4.86E-07	1.35E-02	4.27E-06	1.24E-06	6.13E-03	1.93E-06	5.63E-07	1.01E-02	3.18E-06	9.24E-07	2.75E-03	8.69E-07	2.53E-07
5417	487919.57, 3856953.35	1.30E-02	4.11E-06	1.20E-06	5.07E-03	1.60E-06	4.66E-07	1.39E-02	4.39E-06	1.28E-06	5.87E-03	1.85E-06	5.39E-07	1.06E-02	3.35E-06	9.75E-07	2.64E-03	8.32E-07	2.42E-07
5418	487932.76, 3857000.32	1.28E-02	4.05E-06	1.18E-06	4.84E-03	1.53E-06	4.44E-07	1.37E-02	4.32E-06	1.26E-06	5.61E-03	1.77E-06	5.15E-07	1.06E-02	3.34E-06	9.71E-07	2.52E-03	7.94E-07	2.31E-07
5419	487960.5, 3857044.75	1.26E-02	3.96E-06	1.15E-06	4.52E-03	1.43E-06	4.15E-07	1.33E-02	4.21E-06	1.22E-06	5.23E-03	1.65E-06	4.80E-07	1.05E-02	3.30E-06	9.61E-07	2.35E-03	7.42E-07	2.16E-07
5420	488016.54, 3857089.54	1.21E-02	3.82E-06	1.11E-06	4.09E-03	1.29E-06	3.75E-07	1.28E-02	4.04E-06	1.18E-06	4.73E-03	1.49E-06	4.34E-07	1.03E-02	3.24E-06	9.41E-07	2.13E-03	6.71E-07	1.95E-07
5421	488114.39, 3857165.47	1.15E-02	3.62E-06	1.05E-06	3.43E-03	1.08E-06	3.15E-07	1.20E-02	3.80E-06	1.11E-06	3.97E-03	1.25E-06	3.64E-07	9.98E-03	3.15E-06	9.16E-07	1.78E-03	5.63E-07	1.64E-07
5422	488171.49, 3857234.24	1.11E-02	3.52E-06	1.02E-06	2.99E-03	9.43E-07	2.74E-07	1.17E-02	3.68E-06	1.07E-06	3.46E-03	1.09E-06	3.17E-07	9.92E-03	3.13E-06	9.11E-07	1.55E-03	4.91E-07	1.43E-07
5423	488193.16, 3857297.8	1.11E-02	3.49E-06	1.01E-06	2.67E-03	8.42E-07	2.45E-07	1.15E-02	3.63E-06	1.06E-06	3.09E-03	9.75E-07	2.84E-07	1.00E-02	3.16E-06	9.19E-07	1.39E-03	4.38E-07	1.27E-07
5424	488189.27, 3857649.94	1.18E-02	3.71E-06	1.08E-06	1.45E-03	4.57E-07	1.33E-07	1.20E-02	3.79E-06	1.10E-06	1.68E-03	5.29E-07	1.54E-07	1.15E-02	3.63E-06	1.06E-06	7.59E-04	2.40E-07	6.97E-08
5425	488127.43, 3857732.32	1.23E-02	3.90E-06	1.13E-06	1.26E-03	3.99E-07	1.16E-07	1.26E-02	3.96E-06	1.15E-06	1.46E-03	4.61E-07	1.34E-07	1.22E-02	3.85E-06	1.12E-06	6.65E-04	2.10E-07	6.11E-08
5426	488149.93, 3857752.94	1.25E-02	3.94E-06	1.15E-06	1.22E-03	3.86E-07	1.12E-07	1.27E-02	4.01E-06	1.17E-06	1.42E-03	4.47E-07	1.30E-07	1.24E-02	3.90E-06	1.14E-06	6.45E-04	2.04E-07	5.92E-08
5427	488144.76, 3857758.71	1.25E-02	3.95E-06	1.15E-06	1.21E-03	3.83E-07	1.11E-07	1.27E-02	4.02E-06	1.17E-06	1.40E-03	4.43E-07	1.29E-07	1.24E-02	3.92E-06	1.14E-06	6.39E-04	2.02E-07	5.87E-08
5428	488335.58, 3857932.55	3.82E-02	1.21E-05	3.51E-06	1.26E-03	3.98E-07	1.16E-07	3.84E-02	1.21E-05	3.52E-06	1.40E-03	4.43E-07	1.29E-07	3.83E-02	1.21E-05	3.52E-06	8.23E-04	2.60E-07	7.56E-08
5429	488372.29, 3857943.79	3.77E-02	1.19E-05	3.46E-06	1.24E-03	3.91E-07	1.14E-07	3.78E-02	1.19E-05	3.47E-06	1.38E-03	4.36E-07	1.27E-07	3.78E-02	1.19E-05	3.47E-06	8.09E-04	2.55E-07	7.42E-08
5430	488828.64, 3857936.4	1.90E-02	5.98E-06	1.74E-06	1.03E-03	3.25E-07	9.45E-08	1.91E-02	6.03E-06	1.75E-06	1.17E-03	3.71E-07	1.08E-07	1.90E-02	6.00E-06	1.74E-06	5.87E-04	1.85E-07	5.39E-08
5431	488829.08, 3857959.58	1.88E-02	5.94E-06	1.73E-06	1.00E-03	3.16E-07	9.18E-08	1.90E-02	5.99E-06	1.74E-06	1.14E-03	3.60E-07	1.05E-07	1.89E-02	5.96E-06	1.73E-06	5.70E-04	1.80E-07	5.24E-08
5432	488351.61, 3857964.55	4.03E-02	1.27E-05	3.70E-06	1.25E-03	3.93E-07	1.14E-07	4.05E-02	1.28E-05	3.71E-06	1.38E-03	4.36E-07	1.27E-07	4.05E-02	1.28E-05	3.71E-06	8.28E-04	2.61E-07	7.60E-08
5433	488316.87, 3857947.65	4.11E-02	1.30E-05	3.77E-06	1.28E-03	4.03E-07	1.17E-07	4.12E-02	1.30E-05	3.78E-06	1.42E-03	4.47E-07	1.30E-07	4.12E-02	1.30E-05	3.78E-06	8.49E-04	2.68E-07	7.80E-08
5434	488129.1, 3857775.77	1.27E-02	4.00E-06	1.16E-06	1.18E-03	3.73E-07	1.08E-07	1.29E-02	4.07E-06	1.18E-06	1.36E-03	4.31E-07	1.25E-07	1.26E-02	3.98E-06	1.16E-06	6.23E-04	1.97E-07	5.72E-08
5435	488062.53, 3857846.13	1.36E-02	4.29E-06	1.25E-06	1.06E-03	3.36E-07	9.76E-08	1.38E-02	4.34E-06	1.26E-06	1.23E-03	3.88E-07	1.13E-07	1.36E-02	4.29E-06	1.25E-06	5.65E-04	1.78E-07	5.18E-08
5436	488330.41, 3858091.34	2.51E-02	7.91E-06	2.30E-06	9.09E-04	2.87E-07	8.34E-08	2.52E-02	7.96E-06	2.31E-06	1.03E-03	3.24E-07	9.43E-08	2.54E-02	8.00E-06	2.33E-06	5.49E-04	1.73E-07	5.04E-08
5437	488470.87, 3858174.45	1.86E-02	5.87E-06	1.71E-06	7.45E-04	2.35E-07	6.84E-08	1.87E-02	5.91E-06	1.72E-06	8.53E-04	2.69E-07	7.83E-08	1.90E-02	5.98E-06	1.74E-06	4.20E-04	1.32E-07	3.85E-08
5438	488568.9, 3858262.31	1.70E-02	5.36E-06	1.56E-06	6.48E-04	2.05E-07	5.95E-08	1.71E-02	5.39E-06	1.57E-06	7.45E-04	2.35E-07	6.84E-08	1.74E-02	5.49E-06	1.60E-06	3.54E-04	1.12E-07	3.25E-08
5439	488964.27, 3858025.71	1.63E-02	5.15E-06	1.50E-06	9.00E-04	2.84E-07	8.26E-08	1.65E-02	5.19E-06	1.51E-06	1.03E-03	3.26E-07	9.47E-08	1.64E-02	5.18E-06	1.51E-06	5.02E-04	1.58E-07	4.61E-08
5440	489147.25, 3857956.64	1.48E-02	4.68E-06	1.36E-06	9.58E-04	3.02E-07	8.80E-08	1.50E-02	4.73E-06	1.38E-06	1.10E-03	3.47E-07	1.01E-07	1.48E-02	4.69E-06	1.36E-06	5.28E-04	1.67E-07	4.85E-08
5441	489343.52, 3857932.45	1.33E-02	4.21E-06	1.22E-06	9.59E-04	3.03E-07	8.80E-08	1.35E-02	4.25E-06	1.24E-06	1.10E-03	3.48E-07	1.01E-07	1.33E-02	4.20E-06	1.22E-06	5.22E-04	1.65E-07	4.79E-08
5442	489866.19, 3857923.19	1.09E-02	3.44E-06	1.00E-06	8.93E-04	2.82E-07	8.19E-08	1.10E-02	3.49E-06	1.01E-06	1.03E-03	3.25E-07	9.45E-08	1.08E-02	3.42E-06	9.96E-07	4.79E-04	1.51E-07	4.40E-08
5443	489955.65, 3857902.27	1.05E-02	3.32E-06	9.66E-07	8.95E-04	2.83E-07	8.22E-08	1.07E-02	3.37E-06	9.80E-07	1.03E-03	3.26E-07	9.48E-08	1.05E-02	3.30E-06	9.60E-07	4.80E-04	1.51E-07	4.41E-08
5444	490079.44, 3857847.9	1.01E-02	3.20E-06	9.32E-07	9.11E-04	2.87E-07	8.36E-08	1.03E-02	3.25E-06	9.46E-07	1.05E-03	3.31E-07	9.64E-08	1.01E-02	3.17E-06	9.23E-07	4.87E-04	1.54E-07	4.47E-08
5445	490108.49, 3857934.13	1.02E-02	3.22E-06	9.37E-07	8.50E-04	2.68E-07	7.80E-08	1.03E-02	3.26E-06	9.50E-07	9.80E-04	3.09E-07	8.99E-08	1.02E-02	3.21E-06	9.33E-07	4.55E-04	1.43E-07	4.17E-08
5446	489884.48, 3858014.17	1.10E-02	3.47E-06	1.01E-06	8.27E-04	2.61E-07	7.59E-08	1.11E-02	3.51E-06	1.02E-06	9.53E-04	3.01E-07	8.75E-08	1.10E-02	3.47E-06	1.01E-06	4.44E-04	1.40E-07	4.07E-08
5447	489326.56, 3858025.86	1.34E-02	4.22E-06	1.23E-06	8.74E-04	2.76E-07	8.03E-08	1.35E-02	4.27E-06	1.24E-06	1.01E-03	3.17E-07	9.23E-08	1.34E-02	4.24E-06	1.23E-06	4.76E-04	1.50E-07	4.37E-08
5448	489130.38, 3858056.71	1.45E-02	4.59E-06	1.33E-06	8.60E-04	2.71E-07	7.89E-08	1.47E-02	4.63E-06	1.35E-06	9.88E-04	3.12E-07	9.07E-08	1.46E-02	4.62E-06	1.34E-06	4.72E-04	1.49E-07	4.33E-08
5449	488936.49, 3858143.93	1.55E-02	4.88E-06	1.42E-06	7.68E-04	2.42E-07	7.05E-08	1.56E-02	4.92E-06	1.43E-06	8.82E-04	2.78E-07	8.09E-08	1.57E-02	4.95E-06	1.44E-06	4.23E-04	1.33E-07	3.88E-08
5450	488638.08, 3858327.45	1.66E-02	5.23E-06	1.52E-06	6.02E-04	1.90E-07	5.53E-08	1.67E-02	5.26E-06	1.53E-06	6.93E-04	2.19E-07	6.37E-08	1.70E-02	5.38E-06	1.56E-06	3.25E-04	1.03E-07	2.99E-08
5451	488663.79, 3858349.57	1.65E-02	5.20E-06	1.51E-06	5.89E-04	1.86E-07	5.41E-08	1.66E-02	5.23E-06	1.52E-06	6.78E-04	2.14E-07	6.23E-08	1.70E-02	5.35E-06	1.56E-06	3.17E-04	1.00E-07	2.91E-08
5452	488694.56, 3858349.5	1.63E-02	5.15E-06	1.50E-06	5.88E-04	1.86E-07	5.40E-08	1.64E-02	5.18E-06	1.51E-06	6.78E-04	2.14E-07	6.22E-08	1.68E-02	5.30E-06	1.54E-06	3.17E-04	1.00E-07	2.91E-08
5453	488694.35, 3858336.75	1.63E-02	5.15E-06	1.50E-06	5.96E-04	1.88E-07	5.47E-08	1.64E-02	5.18E-06	1.51E-06	6.86E-04	2.17E-07	6.30E-08	1.68E-02	5.29E-06	1.54E-06	3.22E-04	1.02E-07	2.95E-08
5454	488712.81, 3858336.38	1.62E-02	5.12E-06	1.49E-06	5.96E-04	1.88E-07	5.47E-08	1.63E-02	5.15E-06	1.50E-06	6.86E-04	2.17E-07	6.30E-08	1.67E-02	5.26E-06	1.53E-06	3.22E-04	1.02E-07	2.96E-08
5455	488713.23, 3858367.46	1.63E-02	5.14E-06	1.50E-06	5.78E-04	1.82E-07	5.30E-08	1.64E-02	5.18E-06	1.51E-06	6.66E-04	2.10E-07	6.11E-08	1.68E-02	5.30E-06	1.54E-06	3.11E-04	9.81E-08	2.85E-08
5456	488704.63, 3858384.05	1.64E-02	5.18E-06	1.51E-06	5.69E-04	1.80E-07	5.22E-08	1.65E-02	5.21E-06	1.52E-06	6.56E-04	2.07E-07	6.02E-08	1.69E-02	5.34E-06	1.55E-06	3.06E-04	9.65E-08	2.81E-08
5457	488604.15, 3858488.29	1.79E-02	5.65E-06	1.64E-06	5.30E-04	1.67E-07	4.87E-08	1.80E-02	5.68E-06	1.65E-06	6.12E-04	1.93E-07	5.62E-08	1.86E-02	5.86E-06	1.70E-06	2.82E-04	8.89E-08	2.59E-08
5458	488605.66, 3858550.47	1.89E-02	5.96E-06	1.73E-06	5.08E-04	1.60E-07	4.66E-08	1.90E-02	5.99E-06	1.74E-06	5.86E-04	1.85E-07	5.38E-08	1.96E-02	6.19E-06	1.80E-06	2.69E-04	8.51E-08	2.47E-08
5459	488692.68, 3858548.71	1.84E-02	5.79E-06	1.69E-06	5.03E-04	1.59E-07	4.62E-08	1.84E-02	5.82E-06	1.69E-06	5.81E-04	1.83E-07	5.33E-08	1.90E-02	6.01E-06	1.75E-06	2.67E-04	8.43E-08	2.45E-08
5460	488759.93, 3858461.81	1.67E-02	5.28E-06	1.54E-06	5.32E-04	1.68E-07	4.88E-08	1.68E-02	5.31E-06	1.54E-06	6.13E-04	1.94E-07	5.63E-08	1.73E-02	5.46E-06	1.59E-06	2.84E-04	8.96E-08	2.61E-08
5461	488816.57, 3858541.79	1.76E-02	5.54E-06	1.61E-06	4.99E-04	1.57E-07	4.58E-08	1.76E-02	5.57E-06	1.62E-06	5.75E-04	1.82E-07	5.28E-08	1.82E-02	5.74E-06	1.67E-06	2.65E-04	8.38E-08	2.44E-08
5462	488944.63, 3858656.77	1.95E-02	6.17E-06	1.79E-06	4.57E-04	1.44E-07	4.19E-08	1.96E-02	6.19E-06	1.80E-06	5.27E-04	1.66E-07	4.84E-08	2.03E-02	6.42E-06	1.87E-06	2.43E-04	7.66E-08	2.23E-08
5463	489134.91, 3858830.7	2.39E-02	7.55E-06	2.20E-06	4.06E-04	1.28E-07	3.73E-08	2.40E-02	7.58E-06	2.20E-06	4.68E-04	1.48E-07	4.30E-08	2.50E-02	7.89E-06	2.29E-06	2.16E-04	6.81E-08	1.98E-08
5464	489193.99, 3858886.05	2.51E-02	7.93E-06	2.31E-06	3.92E-04	1.24E-07	3.60E-08	2.52E-02	7.95E-06	2.31E-06	4.52E-04	1.43E-07	4.15E-08	2.63E-02	8.29E-06	2.41E-06	2.09E-04	6.59E-08	1.92E-08
5465	489295.2, 3858954.34	2.55E-02	8.06E-06	2.34E-06	3.74E-04	1.18E-07	3.44E-08	2.56E-02	8.08E-06	2.35E-06	4.32E-04	1.36E-07	3.97E-08	2.67E-02	8.43E-06	2.45E-06	2.00E-04	6.30E-08	1.83E-08
5466	489295.64, 3858992.74	2.66E-02	8.40E-06	2.44E-06	3.68E-04	1.16E-07	3.38E-08	2.67E-02	8.42E-06	2.45E-06	4.25E-04	1.34E-07	3.90E-08	2.79E-02	8.79E-06	2.56E-06	1.96E-04	6.20E-08	1.80E-08
5467	489183.74, 3858911.72	2.63E-02	8.30E-06	2.41E-06	3.88E-04	1.22E-07	3.56E-08	2.64E-02	8.32E-06	2.42E-06	4.48E-04	1.41E-07	4.11E-08	2.75E-02	8.68E-06	2.53E-06	2.07E-04	6.52E-08	1.90E-08
5468	488873.37, 3858625.59	1.91E-02	6.02E-06	1.75E-06	4.69E-04	1.48E-07	4.31E-08	1.92E-02	6.05E-06	1.76E-06	5.42E-04	1.71E-07	4.98E-08	1.98E-02	6.26E-06	1.82E-06	2.49E-04	7.87E-08	2.29E-08
5469	488842.84, 3858658.69	2.03E-02	6.41E-06	1.87E-06	4.62E-04	1.46E-07	4.24E-08	2.04E-02	6.44E-06	1.87E-06	5.33E-04	1.68E-07	4.89E-08	2.11E-02	6.67E-06	1.94E-06	2.45E-04	7.74E-08	2.25E-08
5470	488856.39, 3858670.93	2.06E-02	6.50E-06	1.89E-06	4.58E-04	1.45E-07	4.20E-08	2.07E-02	6.53E-06	1.90E-06	5.29E-04	1.67E-07	4.85E-08	2.15E-02	6.77E-06	1.97E-06	2.43E-04	7.68E-08	2.23E-08
5471	488805.7, 3858724.5	2.34E-02	7.37E-06	2.14E-06	4.47E-04	1.41E-07	4.10E-08	2.34E-02	7.40E-06	2.15E-06	5.16E-04	1.63E-07	4.74E-08	2.44E-02	7.69E-06	2.24E-06	2.37E-04	7.49E-08	2.18E-08
5472	488805.87, 3858804.16	2.84E-02	8.95E-06	2.60E-06	4.27E-04	1.35E-07	3.92E-08	2.84E-02	8.97E-06	2.61E-06	4.93E-04	1.56E-07	4.52E-08	2.97E-02	9.36E-06	2.72E-06	2.27E-04	7.15E-08	2.08E-08
5473	488995.78, 3858936.96	3.29E-02	1.04E-05	3.02E-06	3.92E-04	1.24E-07	3.60E-08	3.30E-02	1.04E-05	3.03E-06	4.52E-04	1.43E-07	4.15E-08	3.45E-02	1.09E-05	3.17E-06	2.09E-04	6.59E-08	1.92E-08
5474	489130.76, 3859017.38	3.19E-02	1.01E-05	2.92E-06	3.73E-04	1.18E-07	3.42E-08	3.19E-02	1.01E-05	2.93E-06	4.30E-04	1.36E-07	3.95E-08	3.34E-02	1.05E-05	3.07E-06	1.99E-04	6.28E-08	1.83E-08

5475	489130.92, 3859052.24	3.29E-02	1.04E-05	3.02E-06	3.67E-04	1.16E-07	3.37E-08	3.30E-02	1.04E-05	3.03E-06	4.24E-04	1.34E-07	3.89E-08	3.45E-02	1.09E-05	3.17E-06	1.96E-04	6.20E-08	1.80E-08
5476	489200.33, 3859090.6	3.16E-02	9.97E-06	2.90E-06	3.58E-04	1.13E-07	3.29E-08	3.16E-02	9.98E-06	2.90E-06	4.13E-04	1.30E-07	3.79E-08	3.31E-02	1.04E-05	3.04E-06	1.92E-04	6.05E-08	1.76E-08
5477	489296.07, 3859143.7	2.97E-02	9.38E-06	2.73E-06	3.46E-04	1.09E-07	3.18E-08	2.98E-02	9.39E-06	2.73E-06	3.99E-04	1.26E-07	3.66E-08	3.11E-02	9.83E-06	2.86E-06	1.85E-04	5.85E-08	1.70E-08
5478	489296.43, 3858954.74	2.55E-02	8.05E-06	2.34E-06	3.74E-04	1.18E-07	3.44E-08	2.56E-02	8.07E-06	2.35E-06	4.32E-04	1.36E-07	3.96E-08	2.67E-02	8.42E-06	2.45E-06	2.00E-04	6.30E-08	1.83E-08
5479	489410.33, 3859033.19	2.51E-02	7.92E-06	2.30E-06	3.56E-04	1.12E-07	3.27E-08	2.52E-02	7.94E-06	2.31E-06	4.10E-04	1.30E-07	3.77E-08	2.63E-02	8.29E-06	2.41E-06	1.90E-04	6.00E-08	1.74E-08
5480	489371.37, 3859089.8	2.70E-02	8.52E-06	2.48E-06	3.49E-04	1.10E-07	3.21E-08	2.70E-02	8.53E-06	2.48E-06	4.03E-04	1.27E-07	3.70E-08	2.83E-02	8.92E-06	2.59E-06	1.87E-04	5.90E-08	1.72E-08
5481	489390.52, 3859102.82	2.68E-02	8.44E-06	2.46E-06	3.47E-04	1.09E-07	3.18E-08	2.68E-02	8.46E-06	2.46E-06	4.00E-04	1.26E-07	3.67E-08	2.80E-02	8.84E-06	2.57E-06	1.85E-04	5.85E-08	1.70E-08
5482	489382.3, 3859114.53	2.71E-02	8.55E-06	2.49E-06	3.46E-04	1.09E-07	3.17E-08	2.71E-02	8.57E-06	2.49E-06	3.99E-04	1.26E-07	3.66E-08	2.84E-02	8.95E-06	2.60E-06	1.85E-04	5.84E-08	1.70E-08
5483	489363.04, 3859102.45	2.74E-02	8.63E-06	2.51E-06	3.48E-04	1.10E-07	3.20E-08	2.74E-02	8.65E-06	2.52E-06	4.02E-04	1.27E-07	3.69E-08	2.86E-02	9.04E-06	2.63E-06	1.86E-04	5.88E-08	1.71E-08
5484	489337.52, 3859140.71	2.86E-02	9.02E-06	2.62E-06	3.44E-04	1.09E-07	3.16E-08	2.86E-02	9.04E-06	2.63E-06	3.97E-04	1.25E-07	3.64E-08	2.99E-02	9.45E-06	2.75E-06	1.84E-04	5.82E-08	1.69E-08
5485	489375.14, 3859164.55	2.79E-02	8.81E-06	2.56E-06	3.39E-04	1.07E-07	3.11E-08	2.80E-02	8.82E-06	2.57E-06	3.91E-04	1.23E-07	3.59E-08	2.92E-02	9.23E-06	2.68E-06	1.82E-04	5.74E-08	1.67E-08
5486	489409.3, 3859114.5	2.65E-02	8.37E-06	2.43E-06	3.44E-04	1.09E-07	3.16E-08	2.66E-02	8.38E-06	2.44E-06	3.97E-04	1.25E-07	3.64E-08	2.78E-02	8.76E-06	2.55E-06	1.84E-04	5.81E-08	1.69E-08
5487	489434.87, 3859131.81	2.61E-02	8.25E-06	2.40E-06	3.41E-04	1.07E-07	3.13E-08	2.62E-02	8.27E-06	2.41E-06	3.93E-04	1.24E-07	3.60E-08	2.74E-02	8.64E-06	2.51E-06	1.82E-04	5.75E-08	1.67E-08
5488	489471.87, 3859075.75	2.46E-02	7.77E-06	2.26E-06	3.47E-04	1.09E-07	3.18E-08	2.47E-02	7.78E-06	2.26E-06	4.00E-04	1.26E-07	3.67E-08	2.57E-02	8.13E-06	2.36E-06	1.85E-04	5.85E-08	1.70E-08
5489	489602.62, 3859164.69	2.32E-02	7.33E-06	2.13E-06	3.28E-04	1.03E-07	3.01E-08	2.33E-02	7.35E-06	2.14E-06	3.78E-04	1.19E-07	3.47E-08	2.43E-02	7.67E-06	2.23E-06	1.76E-04	5.54E-08	1.61E-08
5490	489558.29, 3859232.45	2.44E-02	7.70E-06	2.24E-06	3.22E-04	1.02E-07	2.95E-08	2.44E-02	7.72E-06	2.24E-06	3.71E-04	1.17E-07	3.40E-08	2.55E-02	8.06E-06	2.34E-06	1.73E-04	5.45E-08	1.58E-08
5491	489620.11, 3859273.56	2.35E-02	7.41E-06	2.15E-06	3.13E-04	9.89E-08	2.88E-08	2.35E-02	7.42E-06	2.16E-06	3.61E-04	1.14E-07	3.32E-08	2.46E-02	7.75E-06	2.26E-06	1.68E-04	5.31E-08	1.54E-08
5492	489666.06, 3859206.42	2.25E-02	7.10E-06	2.07E-06	3.19E-04	1.01E-07	2.93E-08	2.25E-02	7.12E-06	2.07E-06	3.68E-04	1.16E-07	3.38E-08	2.35E-02	7.43E-06	2.16E-06	1.71E-04	5.40E-08	1.57E-08
5493	489787.9, 3859285.65	2.10E-02	6.62E-06	1.93E-06	3.04E-04	9.59E-08	2.79E-08	2.10E-02	6.64E-06	1.93E-06	3.50E-04	1.11E-07	3.22E-08	2.19E-02	6.93E-06	2.01E-06	1.63E-04	5.14E-08	1.50E-08
5494	489752.17, 3859343.13	2.15E-02	6.78E-06	1.97E-06	2.99E-04	9.43E-08	2.74E-08	2.15E-02	6.79E-06	1.98E-06	3.45E-04	1.09E-07	3.16E-08	2.25E-02	7.09E-06	2.06E-06	1.60E-04	5.06E-08	1.47E-08
5495	489814.94, 3859385.33	2.06E-02	6.50E-06	1.89E-06	2.91E-04	9.20E-08	2.68E-08	2.07E-02	6.52E-06	1.90E-06	3.36E-04	1.06E-07	3.08E-08	2.16E-02	6.80E-06	1.98E-06	1.56E-04	4.94E-08	1.44E-08
5496	489853.42, 3859330.74	2.02E-02	6.37E-06	1.85E-06	2.96E-04	9.34E-08	2.72E-08	2.02E-02	6.39E-06	1.86E-06	3.41E-04	1.08E-07	3.13E-08	2.11E-02	6.66E-06	1.94E-06	1.59E-04	5.00E-08	1.46E-08
5497	489969.5, 3859401.91	1.89E-02	5.95E-06	1.73E-06	2.83E-04	8.94E-08	2.60E-08	1.89E-02	5.97E-06	1.74E-06	3.26E-04	1.03E-07	3.00E-08	1.97E-02	6.22E-06	1.81E-06	1.52E-04	4.79E-08	1.39E-08
5498	490166.91, 3859486.96	1.71E-02	5.39E-06	1.57E-06	2.67E-04	8.42E-08	2.45E-08	1.71E-02	5.40E-06	1.57E-06	3.07E-04	9.70E-08	2.82E-08	1.79E-02	5.63E-06	1.64E-06	1.43E-04	4.51E-08	1.31E-08
5499	490128.86, 3859571.46	1.73E-02	5.47E-06	1.59E-06	2.59E-04	8.16E-08	2.37E-08	1.74E-02	5.48E-06	1.59E-06	2.98E-04	9.41E-08	2.74E-08	1.81E-02	5.72E-06	1.66E-06	1.39E-04	4.37E-08	1.27E-08
5500	490186.65, 3859593.65	1.69E-02	5.32E-06	1.55E-06	2.54E-04	8.03E-08	2.34E-08	1.69E-02	5.33E-06	1.55E-06	2.93E-04	9.26E-08	2.69E-08	1.76E-02	5.56E-06	1.62E-06	1.36E-04	4.30E-08	1.25E-08
5501	490223.74, 3859517.48	1.66E-02	5.24E-06	1.53E-06	2.62E-04	8.26E-08	2.40E-08	1.67E-02	5.26E-06	1.53E-06	3.02E-04	9.53E-08	2.77E-08	1.74E-02	5.48E-06	1.59E-06	1.40E-04	4.42E-08	1.29E-08
5502	490846.34, 3859817.22	1.25E-02	3.96E-06	1.15E-06	2.23E-04	7.02E-08	2.04E-08	1.26E-02	3.97E-06	1.16E-06	2.57E-04	8.11E-08	2.36E-08	1.31E-02	4.13E-06	1.20E-06	1.18E-04	3.74E-08	1.09E-08
5503	490925.65, 3859844.59	1.21E-02	3.82E-06	1.11E-06	2.20E-04	6.93E-08	2.02E-08	1.21E-02	3.83E-06	1.11E-06	2.53E-04	8.00E-08	2.33E-08	1.26E-02	3.99E-06	1.16E-06	1.17E-04	3.69E-08	1.07E-08
5504	491159.29, 3859896.28	1.12E-02	3.52E-06	1.02E-06	2.13E-04	6.72E-08	1.95E-08	1.12E-02	3.53E-06	1.03E-06	2.46E-04	7.76E-08	2.26E-08	1.16E-02	3.67E-06	1.07E-06	1.13E-04	3.57E-08	1.04E-08
5505	491370.69, 3859960.89	1.03E-02	3.26E-06	9.48E-07	2.05E-04	6.47E-08	1.88E-08	1.04E-02	3.27E-06	9.51E-07	2.37E-04	7.47E-08	2.17E-08	1.08E-02	3.40E-06	9.89E-07	1.09E-04	3.43E-08	9.98E-09
5506	491330.28, 3860063.17	1.02E-02	3.23E-06	9.39E-07	1.93E-04	6.09E-08	1.77E-08	1.03E-02	3.24E-06	9.42E-07	2.23E-04	7.03E-08	2.04E-08	1.07E-02	3.37E-06	9.80E-07	1.02E-04	3.23E-08	9.40E-09
5507	491636.45, 3860180.75	8.88E-03	2.80E-06	8.15E-07	1.83E-04	5.78E-08	1.68E-08	8.91E-03	2.81E-06	8.18E-07	2.12E-04	6.68E-08	1.94E-08	9.25E-03	2.92E-06	8.49E-07	9.70E-05	3.06E-08	8.91E-09
5508	491617.94, 3860203.93	8.85E-03	2.79E-06	8.13E-07	1.81E-04	5.71E-08	1.66E-08	8.88E-03	2.80E-06	8.16E-07	2.09E-04	6.59E-08	1.92E-08	9.23E-03	2.91E-06	8.47E-07	9.58E-05	3.02E-08	8.79E-09
5509	491805.68, 3860271.59	8.12E-03	2.56E-06	7.46E-07	1.76E-04	5.54E-08	1.61E-08	8.15E-03	2.57E-06	7.48E-07	2.03E-04	6.40E-08	1.86E-08	8.46E-03	2.67E-06	7.77E-07	9.29E-05	2.93E-08	8.53E-09
5510	491654.23, 3860414.02	7.96E-03	2.51E-06	7.30E-07	1.65E-04	5.19E-08	1.51E-08	7.98E-03	2.52E-06	7.33E-07	1.90E-04	6.00E-08	1.75E-08	8.29E-03	2.62E-06	7.61E-07	8.70E-05	2.75E-08	7.99E-09
5511	491592.62, 3860510.76	7.65E-03	2.42E-06	7.03E-07	1.58E-04	4.97E-08	1.45E-08	7.68E-03	2.42E-06	7.05E-07	1.82E-04	5.75E-08	1.67E-08	7.98E-03	2.52E-06	7.32E-07	8.33E-05	2.63E-08	7.64E-09
5512	491475.41, 3860368.93	8.55E-03	2.70E-06	7.85E-07	1.67E-04	5.26E-08	1.53E-08	8.58E-03	2.71E-06	7.88E-07	1.92E-04	6.07E-08	1.77E-08	8.92E-03	2.82E-06	8.19E-07	8.81E-05	2.78E-08	8.09E-09
5513	491445.61, 3860337.28	8.77E-03	2.77E-06	8.06E-07	1.69E-04	5.33E-08	1.55E-08	8.80E-03	2.78E-06	8.08E-07	1.95E-04	6.15E-08	1.79E-08	9.15E-03	2.89E-06	8.40E-07	8.93E-05	2.82E-08	8.20E-09
5514	491399.05, 3860300.37	9.08E-03	2.87E-06	8.34E-07	1.72E-04	5.42E-08	1.58E-08	9.11E-03	2.88E-06	8.37E-07	1.98E-04	6.26E-08	1.82E-08	9.48E-03	2.99E-06	8.70E-07	9.10E-05	2.87E-08	8.35E-09
5515	491228.84, 3860235.98	9.93E-03	3.13E-06	9.12E-07	1.78E-04	5.60E-08	1.63E-08	9.96E-03	3.14E-06	9.14E-07	2.05E-04	6.47E-08	1.88E-08	1.04E-02	3.27E-06	9.52E-07	9.41E-05	2.97E-08	8.64E-09
5516	491228.47, 3860174.57	1.02E-02	3.22E-06	9.37E-07	1.82E-04	5.76E-08	1.67E-08	1.02E-02	3.23E-06	9.39E-07	2.11E-04	6.65E-08	1.93E-08	1.07E-02	3.36E-06	9.78E-07	9.68E-05	3.05E-08	8.88E-09
5517	491145.77, 3860112.55	1.08E-02	3.40E-06	9.89E-07	1.89E-04	5.96E-08	1.73E-08	1.08E-02	3.41E-06	9.92E-07	2.18E-04	6.88E-08	2.00E-08	1.12E-02	3.55E-06	1.03E-06	1.00E-04	3.16E-08	9.19E-09
5518	490844.41, 3859966.22	1.25E-02	3.95E-06	1.15E-06	2.07E-04	6.52E-08	1.90E-08	1.25E-02	3.96E-06	1.15E-06	2.38E-04	7.52E-08	2.19E-08	1.31E-02	4.13E-06	1.20E-06	1.10E-04	3.47E-08	1.01E-08
5519	490845.55, 3859928.15	1.26E-02	3.96E-06	1.15E-06	2.10E-04	6.63E-08	1.93E-08	1.26E-02	3.98E-06	1.16E-06	2.42E-04	7.65E-08	2.23E-08	1.31E-02	4.14E-06	1.20E-06	1.12E-04	3.53E-08	1.03E-08
5520	490046.91, 3859625.6	1.79E-02	5.65E-06	1.64E-06	2.57E-04	8.12E-08	2.36E-08	1.79E-02	5.66E-06	1.65E-06	2.96E-04	9.35E-08	2.72E-08	1.87E-02	5.91E-06	1.72E-06	1.38E-04	4.35E-08	1.27E-08
5521	489970.48, 3859589.4	1.86E-02	5.86E-06	1.71E-06	2.64E-04	8.33E-08	2.42E-08	1.86E-02	5.88E-06	1.71E-06	3.04E-04	9.60E-08	2.79E-08	1.94E-02	6.13E-06	1.78E-06	1.42E-04	4.47E-08	1.30E-08
5522	489865.89, 3859529.06	1.97E-02	6.21E-06	1.81E-06	2.75E-04	8.68E-08	2.52E-08	1.97E-02	6.22E-06	1.81E-06	3.17E-04	1.00E-07	2.91E-08	2.06E-02	6.49E-06	1.89E-06	1.48E-04	4.66E-08	1.36E-08
5523	489826.89, 3859531.74	2.01E-02	6.33E-06	1.84E-06	2.77E-04	8.73E-08	2.54E-08	2.01E-02	6.34E-06	1.85E-06	3.19E-04	1.01E-07	2.93E-08	2.10E-02	6.62E-06	1.93E-06	1.49E-04	4.69E-08	1.37E-08
5524	489410.47, 3859303.06	2.77E-02	8.76E-06	2.55E-06	3.20E-04	1.01E-07	2.93E-08	2.78E-02	8.77E-06	2.55E-06	3.68E-04	1.16E-07	3.38E-08	2.91E-02	9.18E-06	2.67E-06	1.72E-04	5.43E-08	1.58E-08
5525	489407.15, 3859286.09	2.78E-02	8.78E-06	2.55E-06	3.22E-04	1.02E-07	2.96E-08	2.79E-02	8.80E-06	2.56E-06	3.71E-04	1.17E-07	3.41E-08	2.91E-02	9.20E-06	2.68E-06	1.73E-04	5.47E-08	1.59E-08
5526	488806.07, 3858963.62	4.74E-02	1.49E-05	4.35E-06	3.87E-04	1.22E-07	3.55E-08	4.74E-02	1.50E-05	4.35E-06	4.46E-04	1.41E-07	4.10E-08	4.98E-02	1.57E-05	4.57E-06	2.06E-04	6.51E-08	1.89E-08
5527	488817.64, 3859546.3	5.54E-02	1.75E-05	5.08E-06	2.81E-04	8.88E-08	2.58E-08	5.54E-02	1.75E-05	5.09E-06	3.22E-04	1.02E-07	2.95E-08	5.82E-02	1.84E-05	5.35E-06	1.58E-04	5.00E-08	1.45E-08
5528	489187.25, 3859549.52	3.08E-02	9.73E-06	2.83E-06	2.82E-04	8.89E-08	2.59E-08	3.09E-02	9.74E-06	2.83E-06	3.23E-04	1.02E-07	2.97E-08	3.23E-02	1.02E-05	2.97E-06	1.55E-04	4.89E-08	1.42E-08
5529	489187.66, 3859523.74	3.15E-02	9.94E-06	2.89E-06	2.86E-04	9.02E-08	2.62E-08	3.16E-02	9.96E-06	2.90E-06	3.28E-04	1.04E-07	3.01E-08	3.31E-02	1.04E-05	3.04E-06	1.57E-04	4.95E-08	1.44E-08
5530	489232.59, 3859522.85	3.01E-02	9.51E-06	2.77E-06	2.87E-04	9.05E-08	2.63E-08	3.02E-02	9.53E-06	2.77E-06	3.30E-04	1.04E-07	3.03E-08	3.16E-02	9.98E-06	2.90E-06	1.57E-04	4.96E-08	1.44E-08
5531	489224.98, 3859759.91	2.64E-02	8.33E-06	2.42E-06	2.50E-04	7.89E-08	2.30E-08	2.64E-02	8.34E-06	2.43E-06	2.87E-04	9.06E-08	2.63E-08	2.77E-02	8.74E-06	2.54E-06	1.38E-04	4.36E-08	1.27E-08
5532	488401.39, 3859763.34	7.35E-02	2.32E-05	6.75E-06	2.68E-04	8.46E-08	2.46E-08	7.35E-02	2.32E-05	6.75E-06	3.03E-04	9.55E-08	2.78E-08	7.73E-02	2.44E-05	7.10E-06	1.62E-04	5.13E-08	1.49E-08
5533	488405.51, 3859966.16	7.39E-02	2.33E-05	6.78E-06	2.12E-04	6.70E-08	1.95E-08	7.39E-02	2.33E-05	6.78E-06	2.43E-04	7.68E-08	2.23E-08	7.78E-02	2.46E-05	7.15E-06	1.17E-04	3.70E-08	1.08E-08
5534	489202.85, 3859956.57	2.82E-02	8.90E-06	2.59E-06	2.25E-04	7.10E-08	2.06E-08	2.82E-02	8.91E-06	2.59E-06	2.58E-04	8.14E-08	2.37E-08	2.96E-02	9.35E-06	2.72E-06	1.24E-04	3.92E-08	1.14E-08
5535	489191.9, 3860676.74	1.98E-02	6.25E-06	1.82E-06	1.54E-04	4.86E-08	1.41E-08	1.98E-02	6.26E-06	1.82E-06	1.78E-04	5.61E-08	1.63E-08	2.08E-02	6.57E-06	1.91E-06	8.18E-05	2.58E-08	7.51E-09
5536	488392.82, 3860687.88	1.92E-02	6.06E-06	1.76E-06	1.46E-04	4.61E-08	1.34E-08	1.92E-02	6.07E-06	1.76E-06	1.69E-04	5.32E-08	1.55E-08	2.02E-02	6.37E-06	1.85E-06	7.76E-05	2.45E-08	7.13E-09
5537	488392.82, 3860760.27	1.42E-02	4.48E-06	1.30E-06	1.42E-04	4.49E-08	1.30E-08	1.42E-02	4.49E-06	1.31E-06	1.64E-04	5.18E-08	1.51E-08	1.49E-02	4.70E-06	1.37E-06	7.53E-05	2.38E-08	6.92E-09
5538	487549.05, 3860777.45	8.07E-03	2.55E-06	7.41E-07	1.36E-04	4.29E-08	1.25E-08	8.10E-03	2.56E-06	7.43E-07	1.57E-04	4.95E-08	1.44E-08	8.44E-03	2.66E-06	7.75E-07	7.16E-05	2.26E-08	6.57E-09
5539	487554.62, 3859571.83	3.22E-02	1.02E-05	2.95E-06	2.35E-04	7.42E-08	2.16E-08	3.22E-02	1.02E-05	2.96E-06	2.71E-04	8.56E-08	2.49E-08	3.38E-02	1.07E-05	3.10E-06	1.25E-04	3.95E-08	1.15E-08
5540	485949.46, 3859558.54	7.69E-03	2.43E-06	7.06E-07	2.29E-04	7.23E-08	2.10E-08	7.73E-03	2.44E-06	7.10E-07	2.65E-04	8.36E-08	2.43E-08	7.98E-03	2.52E-06	7.32E-07	1.20E-04	3.80E-08	1.10E-08

5541 485947.55, 3857943.61	1.77E-02	5.57E-06	1.62E-06	7.16E-04	2.26E-07	6.58E-08	1.78E-02	5.61E-06	1.63E-06	8.29E-04	2.62E-07	7.61E-08	1.82E-02	5.74E-06	1.67E-06	3.74E-04	1.18E-07	3.43E-08
5542 484738.38, 3857940.21	8.35E-03	2.63E-06	7.66E-07	5.44E-04	1.72E-07	5.00E-08	8.44E-03	2.66E-06	7.75E-07	6.30E-04	1.99E-07	5.79E-08	8.47E-03	2.67E-06	7.78E-07	2.84E-04	8.97E-08	2.61E-08
5543 484737.06, 3857535.68	1.50E-02	4.73E-06	1.38E-06	7.01E-04	2.21E-07	6.43E-08	1.51E-02	4.77E-06	1.39E-06	8.11E-04	2.56E-07	7.45E-08	1.54E-02	4.86E-06	1.41E-06	3.65E-04	1.15E-07	3.35E-08
5544 483730.2, 3857530.13	8.03E-03	2.54E-06	7.37E-07	4.90E-04	1.55E-07	4.50E-08	8.12E-03	2.56E-06	7.45E-07	5.67E-04	1.79E-07	5.20E-08	8.17E-03	2.58E-06	7.50E-07	2.56E-04	8.07E-08	2.35E-08
5545 483727.27, 3857130.01	1.48E-02	4.66E-06	1.36E-06	5.78E-04	1.82E-07	5.30E-08	1.49E-02	4.69E-06	1.36E-06	6.69E-04	2.11E-07	6.14E-08	1.52E-02	4.80E-06	1.40E-06	3.02E-04	9.52E-08	2.77E-08
5546 483124.42, 3857123.45	7.52E-03	2.37E-06	6.90E-07	4.44E-04	1.40E-07	4.07E-08	7.60E-03	2.40E-06	6.97E-07	5.14E-04	1.62E-07	4.72E-08	7.66E-03	2.42E-06	7.03E-07	2.32E-04	7.31E-08	2.13E-08
5547 483111.13, 3855921.03	1.54E-02	4.87E-06	1.42E-06	6.00E-04	1.89E-07	5.51E-08	1.55E-02	4.91E-06	1.43E-06	6.94E-04	2.19E-07	6.37E-08	1.59E-02	5.03E-06	1.46E-06	3.14E-04	9.91E-08	2.88E-08
5548 482701.73, 3855918.24	8.05E-03	2.54E-06	7.39E-07	4.70E-04	1.48E-07	4.31E-08	8.13E-03	2.56E-06	7.46E-07	5.44E-04	1.72E-07	4.99E-08	8.20E-03	2.59E-06	7.53E-07	2.46E-04	7.75E-08	2.25E-08
5549 482668.02, 3853521.78	1.05E-03	3.33E-07	9.68E-08	1.76E-04	5.54E-08	1.61E-08	1.08E-03	3.42E-07	9.96E-08	2.03E-04	6.42E-08	1.87E-08	1.00E-03	3.17E-07	9.21E-08	9.17E-05	2.90E-08	8.42E-09
5550 482579.91, 3853219.19	9.26E-04	2.92E-07	8.50E-08	1.68E-04	5.32E-08	1.55E-08	9.54E-04	3.01E-07	8.76E-08	1.95E-04	6.16E-08	1.79E-08	8.72E-04	2.75E-07	8.00E-08	8.80E-05	2.78E-08	8.07E-09
5551 482434.06, 3852961.94	8.29E-04	2.62E-07	7.61E-08	1.61E-04	5.09E-08	1.48E-08	8.56E-04	2.70E-07	7.86E-08	1.87E-04	5.89E-08	1.71E-08	7.74E-04	2.44E-07	7.11E-08	8.42E-05	2.66E-08	7.73E-09
5552 482332.11, 3852832.85	7.85E-04	2.48E-07	7.21E-08	1.54E-04	4.86E-08	1.41E-08	8.11E-04	2.56E-07	7.45E-08	1.78E-04	5.62E-08	1.64E-08	7.33E-04	2.31E-07	6.73E-08	8.04E-05	2.54E-08	7.38E-09
5553 481334.99, 3851818.96	5.67E-04	1.79E-07	5.20E-08	1.02E-04	3.23E-08	9.40E-09	5.84E-04	1.84E-07	5.37E-08	1.19E-04	3.74E-08	1.09E-08	5.34E-04	1.69E-07	4.90E-08	5.35E-05	1.69E-08	4.91E-09
5554 481127.62, 3851646.36	5.44E-04	1.72E-07	4.99E-08	9.45E-05	2.98E-08	8.68E-09	5.60E-04	1.77E-07	5.14E-08	1.09E-04	3.45E-08	1.00E-08	5.15E-04	1.63E-07	4.73E-08	4.94E-05	1.56E-08	4.53E-09
5555 481025.04, 3851591.73	5.35E-04	1.69E-07	4.92E-08	9.03E-05	2.85E-08	8.29E-09	5.51E-04	1.74E-07	5.06E-08	1.05E-04	3.30E-08	9.59E-09	5.09E-04	1.61E-07	4.67E-08	4.72E-05	1.49E-08	4.33E-09
5556 480513.6, 3851335.76	4.87E-04	1.54E-07	4.47E-08	7.11E-05	2.25E-08	6.53E-09	5.00E-04	1.58E-07	4.59E-08	8.23E-05	2.60E-08	7.56E-09	4.70E-04	1.48E-07	4.31E-08	3.72E-05	1.17E-08	3.42E-09
5557 480523.56, 3851317.66	4.85E-04	1.53E-07	4.46E-08	7.20E-05	2.27E-08	6.61E-09	4.98E-04	1.57E-07	4.57E-08	8.33E-05	2.63E-08	7.65E-09	4.67E-04	1.47E-07	4.29E-08	3.77E-05	1.19E-08	3.46E-09
5558 476921.56, 3849569.11	2.86E-04	9.03E-08	2.63E-08	3.58E-05	1.13E-08	3.29E-09	2.92E-04	9.23E-08	2.68E-08	4.14E-05	1.31E-08	3.80E-09	2.79E-04	8.81E-08	2.56E-08	1.88E-05	5.93E-09	1.72E-09
5559 476521.19, 3849373.96	2.52E-04	7.94E-08	2.31E-08	3.41E-05	1.08E-08	3.13E-09	2.57E-04	8.13E-08	2.36E-08	3.94E-05	1.24E-08	3.62E-09	2.44E-04	7.70E-08	2.24E-08	1.79E-05	5.65E-09	1.64E-09
5560 476391.45, 3849333.38	2.44E-04	7.69E-08	2.24E-08	3.38E-05	1.07E-08	3.10E-09	2.49E-04	7.87E-08	2.29E-08	3.91E-05	1.23E-08	3.59E-09	2.36E-04	7.44E-08	2.16E-08	1.77E-05	5.60E-09	1.63E-09
5561 476219.41, 3849304.29	2.33E-04	7.36E-08	2.14E-08	3.36E-05	1.06E-08	3.09E-09	2.39E-04	7.54E-08	2.19E-08	3.89E-05	1.23E-08	3.57E-09	2.25E-04	7.09E-08	2.06E-08	1.76E-05	5.57E-09	1.62E-09
5562 475679.11, 3849218.47	2.06E-04	6.49E-08	1.89E-08	3.27E-05	1.03E-08	3.00E-09	2.11E-04	6.67E-08	1.94E-08	3.78E-05	1.19E-08	3.47E-09	1.96E-04	6.19E-08	1.80E-08	1.72E-05	5.42E-09	1.58E-09
5563 475677.71, 3849233.88	2.07E-04	6.53E-08	1.90E-08	3.29E-05	1.04E-08	3.02E-09	2.12E-04	6.71E-08	1.95E-08	3.81E-05	1.20E-08	3.49E-09	1.97E-04	6.23E-08	1.81E-08	1.73E-05	5.45E-09	1.59E-09
5564 475492.74, 3849204.66	1.78E-04	5.62E-08	1.64E-08	3.07E-05	9.68E-09	2.82E-09	1.83E-04	5.79E-08	1.68E-08	3.55E-05	1.12E-08	3.26E-09	1.68E-04	5.32E-08	1.55E-08	1.61E-05	5.08E-09	1.48E-09
5565 475497.64, 3849158.75	1.86E-04	5.86E-08	1.70E-08	3.12E-05	9.84E-09	2.86E-09	1.91E-04	6.03E-08	1.75E-08	3.61E-05	1.14E-08	3.31E-09	1.76E-04	5.55E-08	1.62E-08	1.64E-05	5.17E-09	1.50E-09
5566 475391.35, 3849141.94	1.93E-04	6.10E-08	1.78E-08	3.18E-05	1.00E-08	2.92E-09	1.99E-04	6.28E-08	1.83E-08	3.68E-05	1.16E-08	3.38E-09	1.84E-04	5.80E-08	1.69E-08	1.67E-05	5.27E-09	1.53E-09
5567 475277, 3849095.47	1.94E-04	6.13E-08	1.78E-08	3.17E-05	9.99E-09	2.91E-09	2.00E-04	6.30E-08	1.83E-08	3.66E-05	1.16E-08	3.36E-09	1.85E-04	5.84E-08	1.70E-08	1.66E-05	5.25E-09	1.53E-09
5568 475183.93, 3849025.66	1.91E-04	6.03E-08	1.76E-08	3.11E-05	9.80E-09	2.85E-09	1.96E-04	6.20E-08	1.80E-08	3.59E-05	1.13E-08	3.30E-09	1.82E-04	5.74E-08	1.67E-08	1.63E-05	5.15E-09	1.50E-09
5569 474453.23, 3848378.77	1.70E-04	5.35E-08	1.56E-08	2.68E-05	8.47E-09	2.46E-09	1.74E-04	5.50E-08	1.60E-08	3.10E-05	9.80E-09	2.85E-09	1.62E-04	5.11E-08	1.49E-08	1.41E-05	4.45E-09	1.30E-09
5570 474569.63, 3848399.34	1.67E-04	5.28E-08	1.54E-08	2.67E-05	8.44E-09	2.45E-09	1.72E-04	5.43E-08	1.58E-08	3.09E-05	9.76E-09	2.84E-09	1.60E-04	5.04E-08	1.46E-08	1.41E-05	4.44E-09	1.29E-09
5571 474644.33, 3848464.52	1.70E-04	5.37E-08	1.56E-08	2.72E-05	8.58E-09	2.50E-09	1.75E-04	5.52E-08	1.60E-08	3.14E-05	9.92E-09	2.89E-09	1.62E-04	5.12E-08	1.49E-08	1.43E-05	4.51E-09	1.31E-09
5572 474719.04, 3848529.7	1.72E-04	5.43E-08	1.58E-08	2.76E-05	8.71E-09	2.53E-09	1.77E-04	5.58E-08	1.62E-08	3.19E-05	1.01E-08	2.93E-09	1.64E-04	5.18E-08	1.51E-08	1.45E-05	4.58E-09	1.33E-09
5573 474793.74, 3848594.88	1.73E-04	5.46E-08	1.59E-08	2.78E-05	8.79E-09	2.56E-09	1.78E-04	5.61E-08	1.63E-08	3.22E-05	1.02E-08	2.96E-09	1.65E-04	5.20E-08	1.51E-08	1.46E-05	4.62E-09	1.34E-09
5574 474868.45, 3848660.07	1.72E-04	5.43E-08	1.58E-08	2.80E-05	8.85E-09	2.57E-09	1.77E-04	5.58E-08	1.62E-08	3.24E-05	1.02E-08	2.98E-09	1.64E-04	5.16E-08	1.50E-08	1.47E-05	4.65E-09	1.35E-09
5575 474943.15, 3848725.25	1.73E-04	5.45E-08	1.59E-08	2.83E-05	8.94E-09	2.60E-09	1.78E-04	5.60E-08	1.63E-08	3.28E-05	1.03E-08	3.01E-09	1.64E-04	5.18E-08	1.51E-08	1.49E-05	4.70E-09	1.37E-09
5576 475017.86, 3848790.43	1.76E-04	5.56E-08	1.62E-08	2.88E-05	9.10E-09	2.65E-09	1.81E-04	5.71E-08	1.66E-08	3.34E-05	1.05E-08	3.06E-09	1.67E-04	5.28E-08	1.54E-08	1.52E-05	4.78E-09	1.39E-09
5577 475092.56, 3848855.61	1.80E-04	5.69E-08	1.65E-08	2.94E-05	9.29E-09	2.70E-09	1.85E-04	5.84E-08	1.70E-08	3.40E-05	1.07E-08	3.13E-09	1.71E-04	5.41E-08	1.57E-08	1.55E-05	4.88E-09	1.42E-09
5578 475232.58, 3848959.38	1.85E-04	5.85E-08	1.70E-08	3.03E-05	9.56E-09	2.78E-09	1.91E-04	6.02E-08	1.75E-08	3.50E-05	1.11E-08	3.22E-09	1.76E-04	5.57E-08	1.62E-08	1.59E-05	5.02E-09	1.46E-09
5579 475368.47, 3849029.98	1.87E-04	5.90E-08	1.72E-08	3.07E-05	9.68E-09	2.81E-09	1.92E-04	6.06E-08	1.76E-08	3.55E-05	1.12E-08	3.25E-09	1.78E-04	5.61E-08	1.63E-08	1.61E-05	5.08E-09	1.48E-09
5580 475609.57, 3849096.09	1.88E-04	5.93E-08	1.73E-08	3.09E-05	9.75E-09	2.84E-09	1.93E-04	6.10E-08	1.77E-08	3.57E-05	1.13E-08	3.28E-09	1.79E-04	5.64E-08	1.64E-08	1.62E-05	5.12E-09	1.49E-09
5581 475680.68, 3849116.62	1.95E-04	6.14E-08	1.79E-08	3.14E-05	9.91E-09	2.88E-09	2.00E-04	6.31E-08	1.83E-08	3.63E-05	1.15E-08	3.33E-09	1.85E-04	5.85E-08	1.70E-08	1.65E-05	5.20E-09	1.51E-09
5582 475843.76, 3849151.52	2.04E-04	6.44E-08	1.87E-08	3.19E-05	1.01E-08	2.93E-09	2.10E-04	6.61E-08	1.92E-08	3.69E-05	1.16E-08	3.39E-09	1.95E-04	6.16E-08	1.79E-08	1.68E-05	5.29E-09	1.54E-09
5583 475935.73, 3849165.89	2.14E-04	6.74E-08	1.96E-08	3.23E-05	1.02E-08	2.97E-09	2.19E-04	6.91E-08	2.01E-08	3.74E-05	1.18E-08	3.43E-09	2.05E-04	6.46E-08	1.88E-08	1.70E-05	5.36E-09	1.56E-09
5584 476027.71, 3849180.27	2.22E-04	7.02E-08	2.04E-08	3.26E-05	1.03E-08	2.99E-09	2.28E-04	7.19E-08	2.09E-08	3.77E-05	1.19E-08	3.46E-09	2.14E-04	6.75E-08	1.96E-08	1.71E-05	5.40E-09	1.57E-09
5585 476119.68, 3849194.64	2.21E-04	6.99E-08	2.03E-08	3.25E-05	1.02E-08	2.98E-09	2.27E-04	7.16E-08	2.08E-08	3.75E-05	1.19E-08	3.45E-09	2.13E-04	6.72E-08	1.95E-08	1.70E-05	5.38E-09	1.56E-09
5586 476211.65, 3849209.01	2.25E-04	7.10E-08	2.07E-08	3.25E-05	1.03E-08	2.99E-09	2.31E-04	7.28E-08	2.12E-08	3.76E-05	1.19E-08	3.46E-09	2.17E-04	6.84E-08	1.99E-08	1.71E-05	5.39E-09	1.57E-09
5587 476497.81, 3849283.9	2.44E-04	7.70E-08	2.24E-08	3.31E-05	1.04E-08	3.04E-09	2.49E-04	7.87E-08	2.29E-08	3.83E-05	1.21E-08	3.51E-09	2.36E-04	7.46E-08	2.17E-08	1.74E-05	5.48E-09	1.60E-09
5588 476603.73, 3849323.77	2.53E-04	8.00E-08	2.33E-08	3.34E-05	1.06E-08	3.07E-09	2.59E-04	8.18E-08	2.38E-08	3.87E-05	1.22E-08	3.55E-09	2.46E-04	7.77E-08	2.26E-08	1.75E-05	5.54E-09	1.61E-09
5589 476728.99, 3849382.76	2.63E-04	8.32E-08	2.42E-08	3.39E-05	1.07E-08	3.11E-09	2.69E-04	8.50E-08	2.47E-08	3.92E-05	1.24E-08	3.60E-09	2.56E-04	8.09E-08	2.35E-08	1.78E-05	5.62E-09	1.63E-09
5590 476801.27, 3849418.65	2.70E-04	8.52E-08	2.48E-08	3.42E-05	1.08E-08	3.14E-09	2.76E-04	8.70E-08	2.53E-08	3.96E-05	1.25E-08	3.63E-09	2.63E-04	8.30E-08	2.41E-08	1.80E-05	5.67E-09	1.65E-09
5591 476956.2, 3849495.05	2.84E-04	8.96E-08	2.61E-08	3.49E-05	1.10E-08	3.20E-09	2.90E-04	9.15E-08	2.66E-08	4.03E-05	1.27E-08	3.70E-09	2.78E-04	8.76E-08	2.55E-08	1.83E-05	5.78E-09	1.68E-09
5592 477038.84, 3849535.56	2.88E-04	9.10E-08	2.65E-08	3.51E-05	1.11E-08	3.23E-09	2.94E-04	9.29E-08	2.70E-08	4.06E-05	1.28E-08	3.73E-09	2.82E-04	8.90E-08	2.59E-08	1.84E-05	5.82E-09	1.69E-09
5593 477121.49, 3849576.08	2.95E-04	9.32E-08	2.71E-08	3.55E-05	1.12E-08	3.26E-09	3.01E-04	9.51E-08	2.77E-08	4.10E-05	1.29E-08	3.77E-09	2.89E-04	9.12E-08	2.65E-08	1.86E-05	5.87E-09	1.71E-09
5594 477204.13, 3849616.6	2.99E-04	9.44E-08	2.75E-08	3.58E-05	1.13E-08	3.28E-09	3.05E-04	9.64E-08	2.80E-08	4.14E-05	1.31E-08	3.80E-09	2.93E-04	9.25E-08	2.69E-08	1.88E-05	5.92E-09	1.72E-09
5595 477286.78, 3849657.12	2.96E-04	9.33E-08	2.71E-08	3.59E-05	1.13E-08	3.29E-09	3.02E-04	9.52E-08	2.77E-08	4.15E-05	1.31E-08	3.81E-09	2.89E-04	9.13E-08	2.65E-08	1.88E-05	5.94E-09	1.73E-09
5596 477369.42, 3849697.63	3.12E-04	9.84E-08	2.86E-08	3.64E-05	1.15E-08	3.34E-09	3.18E-04	1.00E-07	2.92E-08	4.21E-05	1.33E-08	3.86E-09	3.06E-04	9.66E-08	2.81E-08	1.91E-05	6.03E-09	1.75E-09
5597 477452.07, 3849738.15	3.16E-04	9.99E-08	2.90E-08	3.66E-05	1.16E-08	3.36E-09	3.23E-04	1.02E-07	2.96E-08	4.24E-05	1.34E-08	3.89E-09	3.11E-04	9.80E-08	2.85E-08	1.92E-05	6.07E-09	1.77E-09
5598 477534.71, 3849778.67	3.29E-04	1.04E-07	3.02E-08	3.71E-05	1.17E-08	3.40E-09	3.35E-04	1.06E-07	3.08E-08	4.29E-05	1.35E-08	3.93E-09	3.24E-04	1.02E-07	2.97E-08	1.94E-05	6.14E-09	1.78E-09
5599 477617.36, 3849819.18	3.33E-04	1.05E-07	3.06E-08	3.73E-05	1.18E-08	3.43E-09	3.40E-04	1.07E-07	3.12E-08	4.32E-05	1.36E-08	3.96E-09	3.28E-04	1.03E-07	3.01E-08	1.96E-05	6.18E-09	1.80E-09
5600 477824.74, 3849896.37	3.47E-04	1.10E-07	3.19E-08	3.78E-05	1.19E-08	3.47E-09	3.54E-04	1.12E-07	3.25E-08	4.37E-05	1.38E-08	4.01E-09	3.42E-04	1.08E-07	3.14E-08	1.98E-05	6.25E-09	1.82E-09
5601 477906.31, 3849936.37	3.40E-04	1.07E-07	3.13E-08	3.78E-05	1.19E-08	3.47E-09	3.47E-04	1.09E-07	3.18E-08	4.38E-05	1.38E-08	4.02E-09	3.35E-04	1.06E-07	3.08E-08	1.99E-05	6.27E-09	1.82E-09
5602 477987.89, 3849976.36	3.48E-04	1.10E-07	3.20E-08	3.82E-05	1.21E-08	3.51E-09	3.55E-04	1.12E-07	3.26E-08	4.42E-05	1.39E-08	4.06E-09	3.43E-04	1.08E-07	3.15E-08	2.00E-05	6.33E-09	1.84E-09
5603 478069.47, 3850016.36	3.44E-04	1.09E-07	3.16E-08	3.83E-05	1.21E-08	3.52E-09	3.51E-04	1.11E-07	3.22E-08	4.43E-05	1.40E-08	4.07E-09	3.39E-04	1.07E-07	3.11E-08	2.01E-05	6.35E-09	1.85E-09
5604 478151.04, 3850056.35	3.40E-04	1.07E-07	3.12E-08	3.84E-05	1.21E-08	3.53E-09	3.47E-04	1.09E-07	3.18E-08	4.45E-05	1.40E-08	4.08E-09	3.35E-04	1.06E-07	3.07E-08	2.02E-05	6.37E-09	1.85E-09
5605 478232.62, 3850096.35	3.44E-04	1.09E-07	3.16E-08	3.87E-05	1.22E-08	3.55E-09	3.51E-04	1.11E-07	3.22E-08	4.48E-05	1.41E-08	4.11E-09	3.38E-04	1.07E-07	3.11E-08	2.03E-05	6.41E-09	1.86E-09
5606 478314.2, 3850136.34	3.48E-04	1.10E-07	3.20E-08	3.90E-05	1.23E-08	3.58E-09	3.55E-04	1.12E-07	3.26E-08	4.51E-05	1.42E-08	4.14E-09	3.43E-04	1.08E-07	3.15E-08	2.05E-05	6.46E-09	1.88E-09

5607	478395.77, 3850176.34	3.53E-04	1.11E-07	3.24E-08	3.94E-05	1.24E-08	3.62E-09	3.59E-04	1.13E-07	3.30E-08	4.56E-05	1.44E-08	4.18E-09	3.47E-04	1.10E-07	3.19E-08	2.07E-05	6.52E-09	1.90E-09
5608	478575.43, 3850244.45	3.60E-04	1.14E-07	3.31E-08	4.00E-05	1.26E-08	3.67E-09	3.67E-04	1.16E-07	3.37E-08	4.62E-05	1.46E-08	4.24E-09	3.55E-04	1.12E-07	3.26E-08	2.10E-05	6.62E-09	1.92E-09
5609	478665.06, 3850287.29	3.65E-04	1.15E-07	3.35E-08	4.04E-05	1.28E-08	3.71E-09	3.72E-04	1.17E-07	3.41E-08	4.68E-05	1.48E-08	4.29E-09	3.59E-04	1.13E-07	3.30E-08	2.12E-05	6.70E-09	1.95E-09
5610	478754.69, 3850330.14	3.70E-04	1.17E-07	3.39E-08	4.11E-05	1.30E-08	3.77E-09	3.77E-04	1.19E-07	3.46E-08	4.75E-05	1.50E-08	4.36E-09	3.64E-04	1.15E-07	3.34E-08	2.15E-05	6.80E-09	1.98E-09
5611	478844.32, 3850372.99	3.76E-04	1.19E-07	3.46E-08	4.18E-05	1.32E-08	3.84E-09	3.84E-04	1.21E-07	3.52E-08	4.84E-05	1.53E-08	4.44E-09	3.71E-04	1.17E-07	3.40E-08	2.19E-05	6.92E-09	2.01E-09
5612	478933.95, 3850415.84	3.85E-04	1.22E-07	3.53E-08	4.35E-05	1.37E-08	4.00E-09	3.92E-04	1.24E-07	3.60E-08	5.04E-05	1.59E-08	4.62E-09	3.79E-04	1.20E-07	3.48E-08	2.28E-05	7.21E-09	2.10E-09
5613	479023.58, 3850458.68	3.85E-04	1.21E-07	3.53E-08	4.34E-05	1.37E-08	3.99E-09	3.92E-04	1.24E-07	3.60E-08	5.02E-05	1.59E-08	4.61E-09	3.78E-04	1.19E-07	3.47E-08	2.28E-05	7.19E-09	2.09E-09
5614	479110.66, 3850441.91	3.86E-04	1.22E-07	3.54E-08	4.49E-05	1.42E-08	4.12E-09	3.94E-04	1.24E-07	3.61E-08	5.19E-05	1.64E-08	4.77E-09	3.79E-04	1.20E-07	3.48E-08	2.35E-05	7.43E-09	2.16E-09
5615	479191.22, 3850423.99	3.83E-04	1.21E-07	3.52E-08	4.59E-05	1.45E-08	4.22E-09	3.91E-04	1.23E-07	3.59E-08	5.31E-05	1.68E-08	4.88E-09	3.75E-04	1.18E-07	3.45E-08	2.41E-05	7.60E-09	2.21E-09
5616	479274.32, 3850465.71	3.86E-04	1.22E-07	3.55E-08	4.70E-05	1.48E-08	4.32E-09	3.94E-04	1.24E-07	3.62E-08	5.44E-05	1.72E-08	4.99E-09	3.78E-04	1.19E-07	3.47E-08	2.47E-05	7.78E-09	2.26E-09
5617	479357.43, 3850507.42	3.85E-04	1.22E-07	3.53E-08	4.83E-05	1.52E-08	4.43E-09	3.93E-04	1.24E-07	3.61E-08	5.58E-05	1.76E-08	5.12E-09	3.76E-04	1.19E-07	3.45E-08	2.53E-05	7.98E-09	2.32E-09
5618	479440.53, 3850549.14	3.81E-04	1.20E-07	3.50E-08	4.84E-05	1.53E-08	4.44E-09	3.89E-04	1.23E-07	3.57E-08	5.59E-05	1.77E-08	5.14E-09	3.72E-04	1.17E-07	3.41E-08	2.53E-05	8.00E-09	2.33E-09
5619	479523.64, 3850590.85	3.80E-04	1.20E-07	3.49E-08	4.96E-05	1.57E-08	4.56E-09	3.89E-04	1.23E-07	3.57E-08	5.74E-05	1.81E-08	5.27E-09	3.70E-04	1.17E-07	3.40E-08	2.60E-05	8.21E-09	2.39E-09
5620	479606.74, 3850632.57	3.83E-04	1.21E-07	3.51E-08	5.12E-05	1.62E-08	4.70E-09	3.91E-04	1.24E-07	3.59E-08	5.93E-05	1.87E-08	5.44E-09	3.72E-04	1.17E-07	3.41E-08	2.68E-05	8.47E-09	2.46E-09
5621	479777.37, 3850707.61	3.85E-04	1.22E-07	3.54E-08	5.51E-05	1.74E-08	5.06E-09	3.95E-04	1.25E-07	3.62E-08	6.38E-05	2.01E-08	5.86E-09	3.72E-04	1.17E-07	3.41E-08	2.89E-05	9.11E-09	2.65E-09
5622	479864.9, 3850740.95	3.90E-04	1.23E-07	3.58E-08	5.77E-05	1.82E-08	5.30E-09	3.99E-04	1.26E-07	3.67E-08	6.68E-05	2.11E-08	6.13E-09	3.75E-04	1.18E-07	3.44E-08	3.02E-05	9.54E-09	2.77E-09
5623	479931.87, 3850829.57	4.01E-04	1.27E-07	3.69E-08	5.85E-05	1.85E-08	5.37E-09	4.11E-04	1.30E-07	3.78E-08	6.76E-05	2.13E-08	6.21E-09	3.87E-04	1.22E-07	3.55E-08	3.06E-05	9.66E-09	2.81E-09
5624	479995.55, 3850926.75	4.21E-04	1.33E-07	3.87E-08	5.96E-05	1.88E-08	5.48E-09	4.31E-04	1.36E-07	3.96E-08	6.90E-05	2.18E-08	6.34E-09	4.07E-04	1.28E-07	3.74E-08	3.12E-05	9.85E-09	2.87E-09
5625	480079.78, 3850968.64	4.30E-04	1.36E-07	3.95E-08	6.18E-05	1.95E-08	5.67E-09	4.41E-04	1.39E-07	4.05E-08	7.15E-05	2.26E-08	6.57E-09	4.15E-04	1.31E-07	3.81E-08	3.23E-05	1.02E-08	2.97E-09
5626	480164.01, 3851010.54	4.39E-04	1.38E-07	4.03E-08	6.41E-05	2.02E-08	5.88E-09	4.50E-04	1.42E-07	4.13E-08	7.42E-05	2.34E-08	6.81E-09	4.23E-04	1.33E-07	3.88E-08	3.35E-05	1.06E-08	3.08E-09
5627	480248.23, 3851052.43	4.47E-04	1.41E-07	4.11E-08	6.65E-05	2.10E-08	6.10E-09	4.59E-04	1.45E-07	4.21E-08	7.69E-05	2.43E-08	7.06E-09	4.30E-04	1.36E-07	3.95E-08	3.48E-05	1.10E-08	3.19E-09
5628	480332.46, 3851094.33	4.54E-04	1.43E-07	4.16E-08	6.90E-05	2.18E-08	6.33E-09	4.65E-04	1.47E-07	4.27E-08	7.98E-05	2.52E-08	7.33E-09	4.35E-04	1.37E-07	4.00E-08	3.61E-05	1.14E-08	3.31E-09
5629	480416.69, 3851136.22	4.57E-04	1.44E-07	4.20E-08	7.17E-05	2.26E-08	6.58E-09	4.69E-04	1.48E-07	4.31E-08	8.29E-05	2.62E-08	7.62E-09	4.37E-04	1.38E-07	4.02E-08	3.75E-05	1.18E-08	3.44E-09
5630	480579.95, 3851215.17	4.68E-04	1.48E-07	4.30E-08	7.72E-05	2.44E-08	7.09E-09	4.81E-04	1.52E-07	4.42E-08	8.94E-05	2.82E-08	8.21E-09	4.46E-04	1.41E-07	4.09E-08	4.04E-05	1.27E-08	3.71E-09
5631	480658.98, 3851252.22	4.75E-04	1.50E-07	4.36E-08	8.00E-05	2.53E-08	7.35E-09	4.89E-04	1.54E-07	4.49E-08	9.26E-05	2.92E-08	8.50E-09	4.52E-04	1.43E-07	4.15E-08	4.18E-05	1.32E-08	3.84E-09
5632	480817.36, 3851327.85	4.90E-04	1.55E-07	4.50E-08	8.57E-05	2.71E-08	7.87E-09	5.05E-04	1.59E-07	4.63E-08	9.92E-05	3.13E-08	9.11E-09	4.63E-04	1.46E-07	4.25E-08	4.48E-05	1.41E-08	4.11E-09
5633	480896.72, 3851366.43	4.96E-04	1.56E-07	4.55E-08	8.86E-05	2.80E-08	8.14E-09	5.11E-04	1.61E-07	4.69E-08	1.03E-04	3.24E-08	9.42E-09	4.68E-04	1.48E-07	4.29E-08	4.63E-05	1.46E-08	4.25E-09
5634	480976.07, 3851405	5.01E-04	1.58E-07	4.60E-08	9.15E-05	2.89E-08	8.40E-09	5.17E-04	1.63E-07	4.75E-08	1.06E-04	3.34E-08	9.72E-09	4.72E-04	1.49E-07	4.33E-08	4.78E-05	1.51E-08	4.39E-09
5635	481178, 3851487.31	5.09E-04	1.61E-07	4.67E-08	9.83E-05	3.10E-08	9.02E-09	5.26E-04	1.66E-07	4.83E-08	1.14E-04	3.59E-08	1.04E-08	4.76E-04	1.50E-07	4.37E-08	5.13E-05	1.62E-08	4.71E-09
5636	481244.9, 3851557.17	5.19E-04	1.64E-07	4.76E-08	1.01E-04	3.17E-08	9.23E-09	5.36E-04	1.69E-07	4.92E-08	1.16E-04	3.67E-08	1.07E-08	4.84E-04	1.53E-07	4.45E-08	5.25E-05	1.66E-08	4.82E-09
5637	481311.81, 3851627.03	5.27E-04	1.66E-07	4.84E-08	1.03E-04	3.25E-08	9.46E-09	5.45E-04	1.72E-07	5.00E-08	1.19E-04	3.76E-08	1.09E-08	4.92E-04	1.55E-07	4.52E-08	5.38E-05	1.70E-08	4.94E-09
5638	481378.71, 3851696.89	5.35E-04	1.69E-07	4.92E-08	1.06E-04	3.33E-08	9.69E-09	5.54E-04	1.75E-07	5.08E-08	1.22E-04	3.86E-08	1.12E-08	4.99E-04	1.58E-07	4.58E-08	5.51E-05	1.74E-08	5.06E-09
5639	481445.61, 3851766.76	5.44E-04	1.72E-07	5.00E-08	1.08E-04	3.41E-08	9.93E-09	5.63E-04	1.78E-07	5.17E-08	1.25E-04	3.95E-08	1.15E-08	5.07E-04	1.60E-07	4.65E-08	5.65E-05	1.78E-08	5.19E-09
5640	481512.51, 3851836.62	5.52E-04	1.74E-07	5.07E-08	1.11E-04	3.50E-08	1.02E-08	5.71E-04	1.80E-07	5.25E-08	1.29E-04	4.06E-08	1.18E-08	5.14E-04	1.62E-07	4.72E-08	5.80E-05	1.83E-08	5.32E-09
5641	481579.42, 3851906.48	5.61E-04	1.77E-07	5.15E-08	1.14E-04	3.60E-08	1.05E-08	5.80E-04	1.83E-07	5.33E-08	1.32E-04	4.16E-08	1.21E-08	5.21E-04	1.64E-07	4.78E-08	5.95E-05	1.88E-08	5.46E-09
5642	481646.32, 3851976.34	5.71E-04	1.80E-07	5.24E-08	1.17E-04	3.69E-08	1.07E-08	5.91E-04	1.86E-07	5.42E-08	1.35E-04	4.27E-08	1.24E-08	5.29E-04	1.67E-07	4.86E-08	6.11E-05	1.93E-08	5.61E-09
5643	481713.22, 3852046.2	5.77E-04	1.82E-07	5.29E-08	1.20E-04	3.80E-08	1.11E-08	5.97E-04	1.89E-07	5.48E-08	1.39E-04	4.40E-08	1.28E-08	5.34E-04	1.68E-07	4.90E-08	6.28E-05	1.98E-08	5.77E-09
5644	481780.12, 3852116.06	5.90E-04	1.86E-07	5.41E-08	1.24E-04	3.90E-08	1.14E-08	6.11E-04	1.93E-07	5.61E-08	1.43E-04	4.52E-08	1.31E-08	5.45E-04	1.72E-07	5.01E-08	6.45E-05	2.04E-08	5.92E-09
5645	481847.03, 3852185.92	6.07E-04	1.91E-07	5.57E-08	1.27E-04	4.01E-08	1.17E-08	6.28E-04	1.98E-07	5.77E-08	1.47E-04	4.64E-08	1.35E-08	5.61E-04	1.77E-07	5.15E-08	6.62E-05	2.09E-08	6.08E-09
5646	481913.93, 3852255.78	6.25E-04	1.97E-07	5.74E-08	1.30E-04	4.11E-08	1.20E-08	6.48E-04	2.04E-07	5.94E-08	1.51E-04	4.76E-08	1.38E-08	5.79E-04	1.83E-07	5.31E-08	6.80E-05	2.15E-08	6.24E-09
5647	481980.83, 3852325.65	6.46E-04	2.04E-07	5.93E-08	1.34E-04	4.21E-08	1.23E-08	6.69E-04	2.11E-07	6.14E-08	1.55E-04	4.88E-08	1.42E-08	5.99E-04	1.89E-07	5.50E-08	6.97E-05	2.20E-08	6.40E-09
5648	482047.73, 3852395.51	6.64E-04	2.10E-07	6.10E-08	1.37E-04	4.33E-08	1.26E-08	6.88E-04	2.17E-07	6.31E-08	1.59E-04	5.02E-08	1.46E-08	6.15E-04	1.94E-07	5.65E-08	7.16E-05	2.26E-08	6.58E-09
5649	482114.64, 3852465.37	6.86E-04	2.16E-07	6.30E-08	1.41E-04	4.45E-08	1.29E-08	7.10E-04	2.24E-07	6.52E-08	1.63E-04	5.15E-08	1.50E-08	6.36E-04	2.01E-07	5.84E-08	7.35E-05	2.32E-08	6.75E-09
5650	482181.54, 3852535.23	7.03E-04	2.22E-07	6.45E-08	1.45E-04	4.59E-08	1.33E-08	7.28E-04	2.30E-07	6.68E-08	1.68E-04	5.31E-08	1.54E-08	6.51E-04	2.06E-07	5.98E-08	7.59E-05	2.39E-08	6.96E-09
5651	482338.69, 3852700.05	7.54E-04	2.38E-07	6.92E-08	1.56E-04	4.93E-08	1.43E-08	7.80E-04	2.46E-07	7.17E-08	1.81E-04	5.71E-08	1.66E-08	6.98E-04	2.20E-07	6.41E-08	8.15E-05	2.57E-08	7.48E-09
5652	482404.05, 3852767.78	7.77E-04	2.45E-07	7.13E-08	1.61E-04	5.09E-08	1.48E-08	8.05E-04	2.54E-07	7.39E-08	1.87E-04	5.89E-08	1.71E-08	7.20E-04	2.27E-07	6.61E-08	8.41E-05	2.66E-08	7.72E-09
5653	482469.4, 3852835.52	8.01E-04	2.53E-07	7.36E-08	1.67E-04	5.26E-08	1.53E-08	8.30E-04	2.62E-07	7.62E-08	1.93E-04	6.08E-08	1.77E-08	7.42E-04	2.34E-07	6.81E-08	8.69E-05	2.74E-08	7.98E-09
5654	482534.75, 3852903.25	8.23E-04	2.60E-07	7.56E-08	1.73E-04	5.45E-08	1.58E-08	8.53E-04	2.69E-07	7.83E-08	2.00E-04	6.30E-08	1.83E-08	7.61E-04	2.40E-07	6.99E-08	9.00E-05	2.84E-08	8.26E-09
5655	482600.11, 3852970.99	8.48E-04	2.67E-07	7.78E-08	1.79E-04	5.63E-08	1.64E-08	8.78E-04	2.77E-07	8.06E-08	2.07E-04	6.52E-08	1.90E-08	7.83E-04	2.47E-07	7.19E-08	9.31E-05	2.94E-08	8.55E-09
5656	482706.71, 3853119.28	8.96E-04	2.83E-07	8.23E-08	1.90E-04	6.00E-08	1.75E-08	9.29E-04	2.93E-07	8.53E-08	2.20E-04	6.95E-08	2.02E-08	8.28E-04	2.61E-07	7.60E-08	9.92E-05	3.13E-08	9.11E-09
5657	482747.96, 3853199.84	9.28E-04	2.93E-07	8.52E-08	1.94E-04	6.13E-08	1.78E-08	9.62E-04	3.04E-07	8.83E-08	2.25E-04	7.09E-08	2.06E-08	8.59E-04	2.71E-07	7.89E-08	1.01E-04	3.20E-08	9.30E-09
5658	482789.21, 3853280.4	9.63E-04	3.04E-07	8.84E-08	1.97E-04	6.23E-08	1.81E-08	9.97E-04	3.15E-07	9.15E-08	2.29E-04	7.22E-08	2.10E-08	8.94E-04	2.82E-07	8.20E-08	1.03E-04	3.25E-08	9.46E-09
5659	482830.46, 3853360.96	9.96E-04	3.14E-07	9.15E-08	2.01E-04	6.35E-08	1.85E-08	1.03E-03	3.25E-07	9.46E-08	2.33E-04	7.35E-08	2.14E-08	9.26E-04	2.92E-07	8.50E-08	1.05E-04	3.31E-08	9.63E-09
5660	482871.71, 3853441.52	1.03E-03	3.25E-07	9.46E-08	2.05E-04	6.46E-08	1.88E-08	1.07E-03	3.36E-07	9.78E-08	2.37E-04	7.48E-08	2.17E-08	9.60E-04	3.03E-07	8.81E-08	1.07E-04	3.37E-08	9.80E-09
5661	482912.95, 3853522.07	1.06E-03	3.34E-07	9.70E-08	2.10E-04	6.61E-08	1.92E-08	1.09E-03	3.45E-07	1.00E-07	2.43E-04	7.66E-08	2.23E-08	9.85E-04	3.11E-07	9.04E-08	1.09E-04	3.45E-08	1.00E-08
5662	482954.2, 3853602.63	1.08E-03	3.42E-07	9.96E-08	2.15E-04	6.78E-08	1.97E-08	1.12E-03	3.54E-07	1.03E-07	2.49E-04	7.85E-08	2.28E-08	1.01E-03	3.19E-07	9.28E-08	1.12E-04	3.54E-08	1.03E-08
5663	482995.45, 3853683.19	1.11E-03	3.50E-07	1.02E-07	2.22E-04	7.00E-08	2.04E-08	1.15E-03	3.62E-07	1.05E-07	2.57E-04	8.10E-08	2.36E-08	1.03E-03	3.26E-07	9.48E-08	1.16E-04	3.65E-08	1.06E-08
5664	483036.7, 3853763.75	1.13E-03	3.58E-07	1.04E-07	2.30E-04	7.26E-08	2.11E-08	1.17E-03	3.71E-07	1.08E-07	2.66E-04	8.40E-08	2.44E-08	1.05E-03	3.33E-07	9.68E-08	1.20E-04	3.79E-08	1.10E-08
5665	483214.2, 3853909.91	1.12E-03	3.53E-07	1.03E-07	2.71E-04	8.54E-08	2.48E-08	1.16E-03	3.67E-07	1.07E-07	3.13E-04	9.89E-08	2.88E-08	1.01E-03	3.19E-07	9.28E-08	1.41E-04	4.45E-08	1.30E-08
5666	483307.01, 3853910.44	1.14E-03	3.58E-07	1.04E-07	2.92E-04	9.22E-08	2.68E-08	1.19E-03	3.74E-07	1.09E-07	3.38E-04	1.07E-07	3.11E-08	1.02E-03	3.21E-07	9.33E-08	1.52E-04	4.81E-08	1.40E-08
5667	483399.83, 3853910.96	1.14E-03	3.61E-07	1.05E-07	3.18E-04	1.00E-07	2.92E-08	1.20E-03	3.78E-07	1.10E-07	3.68E-04	1.16E-07	3.38E-08	1.01E-03	3.18E-07	9.26E-08	1.66E-04	5.23E-08	1.52E-08
5668	483494.52, 3854009.24	1.21E-03	3.82E-07	1.11E-07	3.46E-04	1.09E-07	3.18E-08	1.27E-03	4.01E-07	1.17E-07	4.01E-04	1.27E-07	3.68E-08	1.06E-03	3.36E-07	9.77E-08	1.81E-04	5.70E-08	1.66E-08
5669	483496.41, 3854106.98	1.28E-03	4.03E-07	1.17E-07	3.50E-04	1.10E-07	3.21E-08	1.34E-03	4.22E-07	1.23E-07	4.05E-04	1.28E-07	3.72E-08	1.13E-03	3.57E-07	1.04E-07	1.82E-04	5.75E-08	1.67E-08
5670	483577.56, 3854261.96	1.34E-03	4.23E-07	1.23E-07	3.90E-04	1.23E-07	3.58E-08	1.41E-03	4.44E-07	1.29E-07	4.51E-04	1.42E-07	4.14E-08	1.17E-03	3.70E-07	1.08E-07	2.03E-04	6.42E-08	1.87E-08
5671	483656.83, 3854319.19	1.36E-03	4.29E-07	1.25E-07	4.16E-04	1.31E-07	3.82E-08	1.43E-03	4.52E-07	1.31E-07	4.81E-04	1.52E-07	4.42E-08	1.18E-03	3.72E-07	1.08E-07	2.17E-04	6.85E-08	1.99E-08
5672	483736.1, 3854376.41	1.40E-03	4.43E-07	1.29E-07	4.45E-04	1.40E-07	4.09E-08	1.48E-03	4.67E-07	1.36E-07	5.15E-04	1.63E-07	4.73E-08	1.20E-03	3.80E-07	1.10E-07	2.32E-04	7.33E-08	2.13E-08

5673 483815.37, 3854433.64	1.47E-03	4.65E-07	1.35E-07	4.74E-04	1.50E-07	4.35E-08	1.55E-03	4.90E-07	1.43E-07	5.48E-04	1.73E-07	5.04E-08	1.26E-03	3.97E-07	1.16E-07	2.48E-04	7.81E-08	2.27E-08
5674 483894.63, 3854490.87	1.56E-03	4.93E-07	1.43E-07	4.97E-04	1.57E-07	4.56E-08	1.65E-03	5.20E-07	1.51E-07	5.75E-04	1.82E-07	5.28E-08	1.34E-03	4.22E-07	1.23E-07	2.60E-04	8.20E-08	2.39E-08
5675 483973.9, 3854548.1	1.67E-03	5.27E-07	1.53E-07	5.14E-04	1.62E-07	4.72E-08	1.76E-03	5.55E-07	1.61E-07	5.95E-04	1.88E-07	5.46E-08	1.44E-03	4.55E-07	1.32E-07	2.69E-04	8.49E-08	2.47E-08
5676 484053.17, 3854605.32	1.82E-03	5.76E-07	1.68E-07	5.41E-04	1.71E-07	4.97E-08	1.92E-03	6.05E-07	1.76E-07	6.26E-04	1.98E-07	5.75E-08	1.59E-03	5.01E-07	1.46E-07	2.83E-04	8.93E-08	2.60E-08
5677 484214.97, 3854698.15	2.15E-03	6.78E-07	1.97E-07	6.19E-04	1.95E-07	5.69E-08	2.25E-03	7.11E-07	2.07E-07	7.17E-04	2.26E-07	6.58E-08	1.88E-03	5.93E-07	1.73E-07	3.24E-04	1.02E-07	2.97E-08
5678 484297.5, 3854733.74	2.37E-03	7.49E-07	2.18E-07	7.00E-04	2.21E-07	6.42E-08	2.49E-03	7.86E-07	2.29E-07	8.10E-04	2.56E-07	7.43E-08	2.07E-03	6.52E-07	1.90E-07	3.66E-04	1.15E-07	3.36E-08
5679 484380.03, 3854769.34	2.53E-03	7.98E-07	2.32E-07	7.52E-04	2.37E-07	6.90E-08	2.66E-03	8.38E-07	2.44E-07	8.70E-04	2.75E-07	7.99E-08	2.20E-03	6.94E-07	2.02E-07	3.93E-04	1.24E-07	3.60E-08
5680 484462.56, 3854804.94	2.77E-03	8.75E-07	2.54E-07	8.47E-04	2.67E-07	7.78E-08	2.92E-03	9.21E-07	2.68E-07	9.80E-04	3.09E-07	9.00E-08	2.40E-03	7.57E-07	2.20E-07	4.42E-04	1.39E-07	4.06E-08
5681 484545.09, 3854840.53	2.92E-03	9.21E-07	2.68E-07	9.08E-04	2.87E-07	8.34E-08	3.07E-03	9.70E-07	2.82E-07	1.05E-03	3.32E-07	9.65E-08	2.52E-03	7.94E-07	2.31E-07	4.74E-04	1.49E-07	4.35E-08
5682 484691.88, 3854912.59	3.49E-03	1.10E-06	3.21E-07	1.19E-03	3.75E-07	1.09E-07	3.70E-03	1.17E-06	3.40E-07	1.38E-03	4.34E-07	1.26E-07	2.95E-03	9.32E-07	2.71E-07	6.19E-04	1.95E-07	5.68E-08
5683 484830.81, 3855012.51	5.29E-03	1.67E-06	4.85E-07	2.51E-03	7.91E-07	2.30E-07	5.72E-03	1.80E-06	5.25E-07	2.90E-03	9.16E-07	2.66E-07	4.04E-03	1.27E-06	3.70E-07	1.30E-03	4.11E-07	1.20E-07
5684 484905.48, 3855075.97	9.72E-03	3.07E-06	8.92E-07	6.24E-03	1.97E-06	5.73E-07	1.08E-02	3.41E-06	9.91E-07	7.23E-03	2.28E-06	6.63E-07	6.42E-03	2.03E-06	5.89E-07	3.24E-03	1.02E-06	2.98E-07
5685 484980.14, 3855139.44	1.39E-02	4.40E-06	1.28E-06	9.84E-03	3.11E-06	9.03E-07	1.56E-02	4.94E-06	1.44E-06	1.14E-02	3.60E-06	1.05E-06	8.67E-03	2.74E-06	7.96E-07	5.11E-03	1.61E-06	4.69E-07
5686 485054.81, 3855202.91	1.67E-02	5.27E-06	1.53E-06	1.22E-02	3.84E-06	1.12E-06	1.88E-02	5.93E-06	1.73E-06	1.41E-02	4.44E-06	1.29E-06	1.02E-02	3.20E-06	9.32E-07	6.32E-03	1.99E-06	5.80E-07
5687 485129.48, 3855266.37	1.76E-02	5.54E-06	1.61E-06	1.29E-02	4.06E-06	1.18E-06	1.98E-02	6.24E-06	1.82E-06	1.49E-02	4.70E-06	1.37E-06	1.06E-02	3.36E-06	9.77E-07	6.68E-03	2.11E-06	6.13E-07
5688 485204.15, 3855329.84	2.00E-02	6.31E-06	1.83E-06	1.48E-02	4.66E-06	1.36E-06	2.25E-02	7.11E-06	2.07E-06	1.71E-02	5.40E-06	1.57E-06	1.20E-02	3.79E-06	1.10E-06	7.68E-03	2.42E-06	7.05E-07
5689 485278.82, 3855393.31	2.10E-02	6.62E-06	1.93E-06	1.55E-02	4.89E-06	1.42E-06	2.37E-02	7.46E-06	2.17E-06	1.80E-02	5.67E-06	1.65E-06	1.26E-02	3.98E-06	1.16E-06	8.06E-03	2.54E-06	7.40E-07
5690 485353.48, 3855456.77	2.24E-02	7.08E-06	2.06E-06	1.66E-02	5.23E-06	1.52E-06	2.53E-02	7.98E-06	2.32E-06	1.92E-02	6.06E-06	1.76E-06	1.35E-02	4.25E-06	1.24E-06	8.61E-03	2.72E-06	7.91E-07
5691 485428.15, 3855520.24	2.30E-02	7.27E-06	2.11E-06	1.69E-02	5.35E-06	1.56E-06	2.60E-02	8.19E-06	2.38E-06	1.96E-02	6.20E-06	1.80E-06	1.39E-02	4.39E-06	1.28E-06	8.81E-03	2.78E-06	8.09E-07
5692 485502.82, 3855583.71	2.37E-02	7.49E-06	2.18E-06	1.74E-02	5.48E-06	1.59E-06	2.67E-02	8.43E-06	2.45E-06	2.01E-02	6.35E-06	1.85E-06	1.44E-02	4.53E-06	1.32E-06	9.02E-03	2.85E-06	8.28E-07
5693 485577.49, 3855647.17	2.53E-02	7.98E-06	2.32E-06	1.85E-02	5.83E-06	1.70E-06	2.85E-02	8.99E-06	2.61E-06	2.14E-02	6.76E-06	1.97E-06	1.53E-02	4.84E-06	1.41E-06	9.60E-03	3.03E-06	8.82E-07
5694 485652.16, 3855710.64	2.67E-02	8.44E-06	2.45E-06	1.95E-02	6.14E-06	1.79E-06	3.01E-02	9.50E-06	2.76E-06	2.25E-02	7.11E-06	2.07E-06	1.63E-02	5.13E-06	1.49E-06	1.01E-02	3.19E-06	9.28E-07
5695 485726.83, 3855774.11	2.76E-02	8.72E-06	2.54E-06	2.00E-02	6.32E-06	1.84E-06	3.11E-02	9.81E-06	2.85E-06	2.32E-02	7.32E-06	2.13E-06	1.69E-02	5.32E-06	1.55E-06	1.04E-02	3.28E-06	9.55E-07
5696 485801.49, 3855837.57	2.73E-02	8.63E-06	2.51E-06	1.96E-02	6.17E-06	1.80E-06	3.07E-02	9.70E-06	2.82E-06	2.27E-02	7.15E-06	2.08E-06	1.68E-02	5.31E-06	1.55E-06	1.02E-02	3.21E-06	9.33E-07
5697 485876.16, 3855901.04	2.81E-02	8.88E-06	2.58E-06	2.00E-02	6.33E-06	1.84E-06	3.16E-02	9.98E-06	2.90E-06	2.32E-02	7.33E-06	2.13E-06	1.74E-02	5.49E-06	1.60E-06	1.04E-02	3.29E-06	9.56E-07
5698 485950.83, 3855964.5	2.79E-02	8.80E-06	2.56E-06	1.96E-02	6.19E-06	1.80E-06	3.13E-02	9.87E-06	2.87E-06	2.27E-02	7.16E-06	2.08E-06	1.74E-02	5.48E-06	1.60E-06	1.02E-02	3.21E-06	9.35E-07
5699 486025.5, 3856027.97	2.75E-02	8.67E-06	2.52E-06	1.91E-02	6.03E-06	1.75E-06	3.08E-02	9.71E-06	2.82E-06	2.21E-02	6.99E-06	2.03E-06	1.72E-02	5.44E-06	1.58E-06	9.93E-03	3.13E-06	9.12E-07
5700 486100.17, 3856091.44	2.92E-02	9.21E-06	2.68E-06	2.02E-02	6.39E-06	1.86E-06	3.27E-02	1.03E-05	3.00E-06	2.34E-02	7.40E-06	2.15E-06	1.84E-02	5.80E-06	1.69E-06	1.05E-02	3.32E-06	9.66E-07
5701 486174.83, 3856154.9	2.83E-02	8.93E-06	2.60E-06	1.94E-02	6.12E-06	1.78E-06	3.17E-02	9.99E-06	2.91E-06	2.25E-02	7.09E-06	2.06E-06	1.80E-02	5.67E-06	1.65E-06	1.01E-02	3.18E-06	9.26E-07
5702 486249.5, 3856218.37	2.62E-02	8.28E-06	2.41E-06	1.77E-02	5.58E-06	1.62E-06	2.93E-02	9.24E-06	2.69E-06	2.05E-02	6.46E-06	1.88E-06	1.68E-02	5.31E-06	1.54E-06	9.18E-03	2.90E-06	8.43E-07
5703 486324.17, 3856281.84	2.45E-02	7.74E-06	2.25E-06	1.62E-02	5.12E-06	1.49E-06	2.73E-02	8.63E-06	2.51E-06	1.88E-02	5.93E-06	1.72E-06	1.59E-02	5.02E-06	1.46E-06	8.43E-03	2.66E-06	7.74E-07
5704 486398.84, 3856345.3	2.52E-02	7.97E-06	2.32E-06	1.66E-02	5.25E-06	1.53E-06	2.81E-02	8.87E-06	2.58E-06	1.93E-02	6.08E-06	1.77E-06	1.64E-02	5.18E-06	1.51E-06	8.65E-03	2.73E-06	7.94E-07
5705 486473.51, 3856408.77	2.53E-02	7.99E-06	2.32E-06	1.66E-02	5.24E-06	1.52E-06	2.82E-02	8.89E-06	2.59E-06	1.92E-02	6.06E-06	1.76E-06	1.65E-02	5.21E-06	1.52E-06	8.62E-03	2.72E-06	7.91E-07
5706 486548.17, 3856472.24	2.61E-02	8.23E-06	2.39E-06	1.71E-02	5.39E-06	1.57E-06	2.90E-02	9.16E-06	2.67E-06	1.98E-02	6.25E-06	1.82E-06	1.70E-02	5.38E-06	1.56E-06	8.88E-03	2.80E-06	8.15E-07
5707 486622.84, 3856535.7	2.69E-02	8.49E-06	2.47E-06	1.76E-02	5.56E-06	1.62E-06	2.99E-02	9.44E-06	2.75E-06	2.04E-02	6.44E-06	1.87E-06	1.76E-02	5.54E-06	1.61E-06	9.15E-03	2.89E-06	8.40E-07
5708 486765.48, 3856659.69	2.89E-02	9.11E-06	2.65E-06	1.90E-02	5.98E-06	1.74E-06	3.21E-02	1.01E-05	2.95E-06	2.20E-02	6.93E-06	2.02E-06	1.88E-02	5.94E-06	1.73E-06	9.85E-03	3.11E-06	9.04E-07
5709 486833.44, 3856720.2	2.97E-02	9.39E-06	2.73E-06	1.96E-02	6.18E-06	1.80E-06	3.31E-02	1.05E-05	3.04E-06	2.27E-02	7.16E-06	2.08E-06	1.94E-02	6.11E-06	1.78E-06	1.02E-02	3.21E-06	9.34E-07
5710 486901.41, 3856780.72	3.03E-02	9.56E-06	2.78E-06	1.99E-02	6.27E-06	1.82E-06	3.37E-02	1.06E-05	3.10E-06	2.30E-02	7.27E-06	2.11E-06	1.98E-02	6.24E-06	1.81E-06	1.03E-02	3.26E-06	9.48E-07
5711 486969.38, 3856841.24	3.06E-02	9.65E-06	2.81E-06	2.00E-02	6.31E-06	1.83E-06	3.40E-02	1.07E-05	3.12E-06	2.31E-02	7.31E-06	2.12E-06	2.00E-02	6.31E-06	1.84E-06	1.04E-02	3.28E-06	9.53E-07
5712 487037.34, 3856901.75	3.06E-02	9.67E-06	2.81E-06	1.99E-02	6.29E-06	1.83E-06	3.41E-02	1.08E-05	3.13E-06	2.31E-02	7.28E-06	2.12E-06	2.01E-02	6.35E-06	1.85E-06	1.03E-02	3.27E-06	9.50E-07
5713 487271.23, 3856855.51	2.05E-02	6.46E-06	1.88E-06	1.13E-02	3.57E-06	1.04E-06	2.24E-02	7.08E-06	2.06E-06	1.31E-02	4.13E-06	1.20E-06	1.47E-02	4.63E-06	1.35E-06	5.87E-03	1.85E-06	5.39E-07
5714 487368.96, 3856857.29	1.87E-02	5.90E-06	1.72E-06	9.84E-03	3.11E-06	9.04E-07	2.04E-02	6.44E-06	1.87E-06	1.14E-02	3.60E-06	1.05E-06	1.37E-02	4.32E-06	1.26E-06	5.12E-03	1.61E-06	4.70E-07
5715 487466.68, 3856859.06	1.73E-02	5.45E-06	1.58E-06	8.65E-03	2.73E-06	7.94E-07	1.88E-02	5.92E-06	1.72E-06	1.00E-02	3.16E-06	9.20E-07	1.29E-02	4.07E-06	1.18E-06	4.50E-03	1.42E-06	4.13E-07
5716 487636.44, 3856930	1.54E-02	4.87E-06	1.42E-06	7.02E-03	2.22E-06	6.44E-07	1.66E-02	5.25E-06	1.53E-06	8.13E-03	2.57E-06	7.46E-07	1.20E-02	3.78E-06	1.10E-06	3.65E-03	1.15E-06	3.35E-07
5717 487709.57, 3856928.43	1.47E-02	4.64E-06	1.35E-06	6.43E-03	2.03E-06	5.90E-07	1.58E-02	4.99E-06	1.45E-06	7.45E-03	2.35E-06	6.83E-07	1.16E-02	3.65E-06	1.06E-06	3.34E-03	1.05E-06	3.07E-07
5718 487782.55, 3856841.96	1.39E-02	4.38E-06	1.27E-06	6.03E-03	1.90E-06	5.54E-07	1.49E-02	4.71E-06	1.37E-06	6.99E-03	2.21E-06	6.42E-07	1.09E-02	3.45E-06	1.00E-06	3.14E-03	9.90E-07	2.88E-07
5719 487849.83, 3856754.74	1.30E-02	4.11E-06	1.20E-06	5.61E-03	1.77E-06	5.15E-07	1.40E-02	4.42E-06	1.29E-06	6.50E-03	2.05E-06	5.96E-07	1.03E-02	3.25E-06	9.46E-07	2.92E-03	9.20E-07	2.68E-07
5720 487918.03, 3856819.39	1.29E-02	4.06E-06	1.18E-06	5.31E-03	1.68E-06	4.87E-07	1.38E-02	4.35E-06	1.26E-06	6.15E-03	1.94E-06	5.64E-07	1.03E-02	3.25E-06	9.46E-07	2.76E-03	8.71E-07	2.53E-07
5721 487918.8, 3856886.37	1.30E-02	4.11E-06	1.19E-06	5.24E-03	1.65E-06	4.81E-07	1.39E-02	4.39E-06	1.28E-06	6.07E-03	1.91E-06	5.57E-07	1.05E-02	3.32E-06	9.65E-07	2.72E-03	8.60E-07	2.50E-07
5722 488065.47, 3857127.51	1.18E-02	3.72E-06	1.08E-06	3.74E-03	1.18E-06	3.43E-07	1.24E-02	3.92E-06	1.14E-06	4.33E-03	1.37E-06	3.98E-07	1.01E-02	3.19E-06	9.29E-07	1.94E-03	6.14E-07	1.79E-07
5723 488192.19, 3857385.84	1.10E-02	3.48E-06	1.01E-06	2.31E-03	7.28E-07	2.12E-07	1.14E-02	3.60E-06	1.05E-06	2.67E-03	8.42E-07	2.45E-07	1.02E-02	3.22E-06	9.36E-07	1.20E-03	3.79E-07	1.10E-07
5724 488191.22, 3857473.87	1.11E-02	3.51E-06	1.02E-06	1.97E-03	6.23E-07	1.81E-07	1.15E-02	3.62E-06	1.05E-06	2.28E-03	7.21E-07	2.10E-07	1.05E-02	3.31E-06	9.64E-07	1.03E-03	3.25E-07	9.45E-08
5725 488190.24, 3857561.91	1.14E-02	3.58E-06	1.04E-06	1.69E-03	5.33E-07	1.55E-07	1.16E-02	3.68E-06	1.07E-06	1.95E-03	6.17E-07	1.79E-07	1.09E-02	3.45E-06	1.00E-06	8.82E-04	2.78E-07	8.10E-08
5726 488158.35, 3857691.13	1.20E-02	3.80E-06	1.11E-06	1.35E-03	4.27E-07	1.24E-07	1.23E-02	3.87E-06	1.13E-06	1.56E-03	4.94E-07	1.44E-07	1.18E-02	3.74E-06	1.09E-06	7.10E-04	2.24E-07	6.52E-08
5727 488208.37, 3857816.66	1.44E-02	4.54E-06	1.32E-06	1.12E-03	3.54E-07	1.03E-07	1.46E-02	4.60E-06	1.34E-06	1.29E-03	4.08E-07	1.19E-07	1.44E-02	4.54E-06	1.32E-06	6.02E-04	1.90E-07	5.53E-08
5728 488271.97, 3857874.6	2.44E-02	7.69E-06	2.24E-06	1.16E-03	3.66E-07	1.06E-07	2.45E-02	7.75E-06	2.25E-06	1.32E-03	4.16E-07	1.21E-07	2.44E-02	7.71E-06	2.24E-06	6.85E-04	2.16E-07	6.28E-08
5729 488463.56, 3857942.31	3.17E-02	1.00E-05	2.91E-06	1.17E-03	3.69E-07	1.07E-07	3.19E-02	1.01E-05	2.93E-06	1.31E-03	4.14E-07	1.20E-07	3.18E-02	1.01E-05	2.92E-06	7.36E-04	2.32E-07	6.75E-08
5730 488554.83, 3857940.83	2.70E-02	8.51E-06	2.48E-06	1.11E-03	3.52E-07	1.02E-07	2.71E-02	8.56E-06	2.49E-06	1.26E-03	3.97E-07	1.15E-07	2.71E-02	8.54E-06	2.48E-06	6.78E-04	2.14E-07	6.23E-08
5731 488646.1, 3857939.36	2.35E-02	7.40E-06	2.15E-06	1.08E-03	3.40E-07	9.88E-08	2.36E-02	7.45E-06	2.17E-06	1.22E-03	3.85E-07	1.12E-07	2.35E-02	7.43E-06	2.16E-06	6.37E-04	2.01E-07	5.85E-08
5732 488737.37, 3857937.88	2.09E-02	6.59E-06	1.92E-06	1.05E-03	3.31E-07	9.63E-08	2.10E-02	6.64E-06	1.93E-06	1.19E-03	3.77E-07	1.10E-07	2.09E-02	6.61E-06	1.92E-06	6.08E-04	1.92E-07	5.59E-08
5733 488733.59, 3857960.57	2.08E-02	6.56E-06	1.91E-06	1.02E-03	3.22E-07	9.37E-08	2.10E-02	6.61E-06	1.92E-06	1.16E-03	3.67E-07	1.07E-07	2.09E-02	6.59E-06	1.92E-06	5.92E-04	1.87E-07	5.44E-08
5734 488638.09, 3857961.57	2.35E-02	7.42E-06	2.16E-06	1.05E-03	3.31E-07	9.62E-08	2.37E-02	7.47E-06	2.17E-06	1.19E-03	3.75E-07	1.09E-07	2.36E-02	7.45E-06	2.17E-06	6.22E-04	1.96E-07	5.71E-08
5735 488542.6, 3857962.56	2.74E-02	8.64E-06	2.51E-06	1.09E-03	3.44E-07	1.00E-07	2.75E-02	8.69E-06	2.53E-06	1.23E-03	3.88E-07	1.13E-07	2.75E-02	8.68E-06	2.52E-06	6.67E-04	2.11E-07	6.12E-08
5736 488447.1, 3857963.56	3.29E-02	1.04E-05	3.02E-06	1.15E-03	3.64E-07	1.06E-07	3.31E-02	1.04E-05	3.04E-06	1.29E-03	4.08E-07	1.19E-07	3.31E-02	1.04E-05	3.03E-06	7.35E-04	2.32E-07	6.74E-08
5737 488254.28, 3857890.36	2.61E-02	8.22E-06	2.39E-06	1.16E-03	3.65E-07	1.06E-07	2.62E-02	8.28E-06	2.41E-06	1.31E-03	4.13E-07	1.20E-07	2.61E-02	8.25E-06	2.40E-06	6.93E-04	2.19E-07	6.36E-08
5738 488191.69, 3857833.06	1.46E-02	4.59E-06	1.34E-06	1.09E-03	3.46E-07	1.01E-07	1.47E-02	4.65E-06	1.35E-06	1.26E-03	3.98E-07	1.16E-07	1.46E-02	4.59E-06	1.34E-06	5.89E-04	1.86E-07	5.40E-08

5739 488129.5, 3857907.43	1.55E-02	4.88E-06	1.42E-06	9.88E-04	3.12E-07	9.07E-08	1.56E-02	4.93E-06	1.43E-06	1.14E-03	3.59E-07	1.04E-07	1.56E-02	4.91E-06	1.43E-06	5.35E-04	1.69E-07	4.91E-08
5740 488196.47, 3857968.74	3.98E-02	1.25E-05	3.65E-06	1.23E-03	3.89E-07	1.13E-07	3.99E-02	1.26E-05	3.66E-06	1.37E-03	4.32E-07	1.26E-07	3.99E-02	1.26E-05	3.66E-06	8.15E-04	2.57E-07	7.48E-08
5741 488263.44, 3858030.04	4.01E-02	1.27E-05	3.68E-06	1.17E-03	3.69E-07	1.07E-07	4.02E-02	1.27E-05	3.69E-06	1.30E-03	4.09E-07	1.19E-07	4.03E-02	1.27E-05	3.70E-06	7.82E-04	2.47E-07	7.18E-08
5742 488400.64, 3858132.9	2.08E-02	6.56E-06	1.91E-06	8.11E-04	2.56E-07	7.45E-08	2.09E-02	6.60E-06	1.92E-06	9.24E-04	2.92E-07	8.48E-08	2.11E-02	6.66E-06	1.94E-06	4.69E-04	1.48E-07	4.31E-08
5743 488519.89, 3858218.38	1.76E-02	5.54E-06	1.61E-06	6.89E-04	2.18E-07	6.33E-08	1.77E-02	5.58E-06	1.62E-06	7.91E-04	2.50E-07	7.26E-08	1.80E-02	5.67E-06	1.65E-06	3.81E-04	1.20E-07	3.50E-08
5744 488647.97, 3858214.99	1.69E-02	5.33E-06	1.55E-06	6.88E-04	2.17E-07	6.31E-08	1.70E-02	5.37E-06	1.56E-06	7.89E-04	2.49E-07	7.25E-08	1.73E-02	5.45E-06	1.58E-06	3.80E-04	1.20E-07	3.49E-08
5745 488727.05, 3858167.67	1.68E-02	5.31E-06	1.54E-06	7.36E-04	2.32E-07	6.75E-08	1.69E-02	5.35E-06	1.55E-06	8.43E-04	2.66E-07	7.74E-08	1.71E-02	5.40E-06	1.57E-06	4.09E-04	1.29E-07	3.75E-08
5746 488806.12, 3858120.35	1.68E-02	5.30E-06	1.54E-06	7.91E-04	2.50E-07	7.26E-08	1.69E-02	5.34E-06	1.55E-06	9.06E-04	2.86E-07	8.32E-08	1.70E-02	5.37E-06	1.56E-06	4.42E-04	1.39E-07	4.05E-08
5747 488885.2, 3858073.03	1.66E-02	5.25E-06	1.53E-06	8.48E-04	2.68E-07	7.78E-08	1.68E-02	5.30E-06	1.54E-06	9.71E-04	3.06E-07	8.91E-08	1.68E-02	5.31E-06	1.54E-06	4.74E-04	1.49E-07	4.35E-08
5748 489055.76, 3857991.18	1.56E-02	4.92E-06	1.43E-06	9.32E-04	2.94E-07	8.55E-08	1.57E-02	4.97E-06	1.44E-06	1.07E-03	3.37E-07	9.81E-08	1.56E-02	4.94E-06	1.44E-06	5.16E-04	1.63E-07	4.74E-08
5749 489245.39, 3857944.55	1.40E-02	4.41E-06	1.28E-06	9.61E-04	3.03E-07	8.82E-08	1.41E-02	4.46E-06	1.30E-06	1.10E-03	3.49E-07	1.01E-07	1.40E-02	4.41E-06	1.28E-06	5.26E-04	1.66E-07	4.83E-08
5750 489430.63, 3857930.91	1.28E-02	4.04E-06	1.17E-06	9.49E-04	2.99E-07	8.71E-08	1.29E-02	4.09E-06	1.19E-06	1.09E-03	3.45E-07	1.00E-07	1.28E-02	4.03E-06	1.17E-06	5.15E-04	1.63E-07	4.73E-08
5751 489517.74, 3857929.36	1.23E-02	3.89E-06	1.13E-06	9.38E-04	2.96E-07	8.61E-08	1.25E-02	3.94E-06	1.15E-06	1.08E-03	3.41E-07	9.91E-08	1.23E-02	3.88E-06	1.13E-06	5.08E-04	1.60E-07	4.66E-08
5752 489604.86, 3857927.82	1.19E-02	3.76E-06	1.09E-06	9.27E-04	2.93E-07	8.51E-08	1.21E-02	3.81E-06	1.11E-06	1.07E-03	3.37E-07	9.81E-08	1.19E-02	3.75E-06	1.09E-06	5.01E-04	1.58E-07	4.60E-08
5753 489691.97, 3857926.28	1.15E-02	3.64E-06	1.06E-06	9.16E-04	2.89E-07	8.41E-08	1.17E-02	3.69E-06	1.07E-06	1.06E-03	3.33E-07	9.69E-08	1.15E-02	3.63E-06	1.06E-06	4.93E-04	1.56E-07	4.53E-08
5754 489779.08, 3857924.73	1.12E-02	3.54E-06	1.03E-06	9.04E-04	2.85E-07	8.30E-08	1.14E-02	3.58E-06	1.04E-06	1.04E-03	3.29E-07	9.57E-08	1.12E-02	3.52E-06	1.02E-06	4.86E-04	1.53E-07	4.46E-08
5755 490017.55, 3857875.09	1.03E-02	3.25E-06	9.44E-07	9.05E-04	2.85E-07	8.30E-08	1.04E-02	3.29E-06	9.58E-07	1.04E-03	3.29E-07	9.58E-08	1.02E-02	3.22E-06	9.37E-07	4.84E-04	1.53E-07	4.45E-08
5756 490033.82, 3857960.81	1.05E-02	3.30E-06	9.60E-07	8.43E-04	2.66E-07	7.74E-08	1.06E-02	3.34E-06	9.72E-07	9.72E-04	3.07E-07	8.92E-08	1.04E-02	3.29E-06	9.57E-07	4.51E-04	1.42E-07	4.14E-08
5757 489959.15, 3857987.49	1.08E-02	3.40E-06	9.89E-07	8.33E-04	2.63E-07	7.65E-08	1.09E-02	3.44E-06	1.00E-06	9.61E-04	3.03E-07	8.82E-08	1.08E-02	3.40E-06	9.89E-07	4.47E-04	1.41E-07	4.10E-08
5758 489791.49, 3858016.12	1.13E-02	3.56E-06	1.04E-06	8.37E-04	2.64E-07	7.68E-08	1.14E-02	3.60E-06	1.05E-06	9.65E-04	3.04E-07	8.86E-08	1.13E-02	3.56E-06	1.04E-06	4.50E-04	1.42E-07	4.13E-08
5759 489698.51, 3858018.07	1.16E-02	3.67E-06	1.07E-06	8.46E-04	2.67E-07	7.77E-08	1.18E-02	3.71E-06	1.08E-06	9.75E-04	3.08E-07	8.95E-08	1.16E-02	3.67E-06	1.07E-06	4.55E-04	1.44E-07	4.18E-08
5760 489605.52, 3858020.02	1.20E-02	3.79E-06	1.10E-06	8.54E-04	2.70E-07	7.84E-08	1.21E-02	3.83E-06	1.11E-06	9.84E-04	3.11E-07	9.03E-08	1.20E-02	3.80E-06	1.10E-06	4.61E-04	1.45E-07	4.23E-08
5761 489512.53, 3858021.96	1.24E-02	3.92E-06	1.14E-06	8.62E-04	2.72E-07	7.91E-08	1.26E-02	3.96E-06	1.15E-06	9.92E-04	3.13E-07	9.11E-08	1.24E-02	3.93E-06	1.14E-06	4.66E-04	1.47E-07	4.28E-08
5762 489419.55, 3858023.91	1.29E-02	4.07E-06	1.18E-06	8.68E-04	2.74E-07	7.97E-08	1.30E-02	4.11E-06	1.20E-06	9.99E-04	3.15E-07	9.17E-08	1.29E-02	4.08E-06	1.19E-06	4.71E-04	1.49E-07	4.32E-08
5763 489228.47, 3858041.29	1.39E-02	4.38E-06	1.27E-06	8.70E-04	2.75E-07	7.99E-08	1.40E-02	4.43E-06	1.29E-06	1.00E-03	3.16E-07	9.19E-08	1.40E-02	4.41E-06	1.28E-06	4.75E-04	1.50E-07	4.36E-08
5764 489065.75, 3858085.78	1.49E-02	4.71E-06	1.37E-06	8.31E-04	2.62E-07	7.63E-08	1.50E-02	4.75E-06	1.38E-06	9.54E-04	3.01E-07	8.76E-08	1.51E-02	4.75E-06	1.38E-06	4.57E-04	1.44E-07	4.19E-08
5765 489001.12, 3858114.86	1.52E-02	4.80E-06	1.40E-06	8.01E-04	2.53E-07	7.35E-08	1.53E-02	4.84E-06	1.41E-06	9.19E-04	2.90E-07	8.44E-08	1.54E-02	4.86E-06	1.41E-06	4.41E-04	1.39E-07	4.04E-08
5766 488861.89, 3858189.81	1.56E-02	4.93E-06	1.43E-06	7.20E-04	2.27E-07	6.61E-08	1.57E-02	4.96E-06	1.44E-06	8.27E-04	2.61E-07	7.59E-08	1.59E-02	5.01E-06	1.46E-06	3.95E-04	1.25E-07	3.63E-08
5767 488787.29, 3858235.69	1.59E-02	5.02E-06	1.46E-06	6.71E-04	2.12E-07	6.16E-08	1.60E-02	5.05E-06	1.47E-06	7.72E-04	2.44E-07	7.08E-08	1.62E-02	5.13E-06	1.49E-06	3.67E-04	1.16E-07	3.37E-08
5768 488712.68, 3858281.57	1.62E-02	5.10E-06	1.48E-06	6.35E-04	2.00E-07	5.83E-08	1.63E-02	5.13E-06	1.49E-06	7.30E-04	2.30E-07	6.70E-08	1.66E-02	5.23E-06	1.52E-06	3.46E-04	1.09E-07	3.17E-08
5769 488654.39, 3858436.17	1.70E-02	5.38E-06	1.56E-06	5.47E-04	1.73E-07	5.02E-08	1.71E-02	5.41E-06	1.57E-06	6.31E-04	1.99E-07	5.79E-08	1.76E-02	5.56E-06	1.62E-06	2.92E-04	9.22E-08	2.68E-08
5770 488726.31, 3858505.26	1.74E-02	5.50E-06	1.60E-06	5.16E-04	1.63E-07	4.74E-08	1.75E-02	5.53E-06	1.61E-06	5.96E-04	1.88E-07	5.47E-08	1.81E-02	5.70E-06	1.66E-06	2.75E-04	8.67E-08	2.52E-08
5771 488880.6, 3858599.28	1.84E-02	5.81E-06	1.69E-06	4.77E-04	1.50E-07	4.38E-08	1.85E-02	5.83E-06	1.70E-06	5.50E-04	1.74E-07	5.05E-08	1.91E-02	6.03E-06	1.75E-06	2.53E-04	8.00E-08	2.33E-08
5772 489008.06, 3858714.75	2.10E-02	6.62E-06	1.92E-06	4.38E-04	1.38E-07	4.02E-08	2.10E-02	6.64E-06	1.93E-06	5.06E-04	1.60E-07	4.65E-08	2.18E-02	6.89E-06	2.01E-06	2.33E-04	7.35E-08	2.14E-08
5773 489071.48, 3858772.72	2.24E-02	7.09E-06	2.06E-06	4.22E-04	1.33E-07	3.87E-08	2.25E-02	7.11E-06	2.07E-06	4.87E-04	1.54E-07	4.47E-08	2.34E-02	7.39E-06	2.15E-06	2.24E-04	7.07E-08	2.06E-08
5774 489244.6, 3858920.2	2.54E-02	8.01E-06	2.33E-06	3.83E-04	1.21E-07	3.52E-08	2.55E-02	8.03E-06	2.34E-06	4.42E-04	1.40E-07	4.06E-08	2.66E-02	8.38E-06	2.44E-06	2.04E-04	6.45E-08	1.87E-08
5775 489239.69, 3858952.23	2.66E-02	8.39E-06	2.44E-06	3.78E-04	1.19E-07	3.47E-08	2.66E-02	8.41E-06	2.45E-06	4.36E-04	1.38E-07	4.00E-08	2.78E-02	8.78E-06	2.55E-06	2.01E-04	6.36E-08	1.85E-08
5776 489121.67, 3858854.49	2.51E-02	7.94E-06	2.31E-06	4.02E-04	1.27E-07	3.69E-08	2.52E-02	7.96E-06	2.31E-06	4.64E-04	1.46E-07	4.26E-08	2.63E-02	8.29E-06	2.41E-06	2.14E-04	6.75E-08	1.96E-08
5777 489059.59, 3858797.27	2.36E-02	7.45E-06	2.17E-06	4.17E-04	1.32E-07	3.83E-08	2.37E-02	7.48E-06	2.17E-06	4.81E-04	1.52E-07	4.42E-08	2.47E-02	7.78E-06	2.26E-06	2.22E-04	6.99E-08	2.03E-08
5778 488997.52, 3858740.04	2.19E-02	6.93E-06	2.01E-06	4.33E-04	1.37E-07	3.98E-08	2.20E-02	6.95E-06	2.02E-06	5.00E-04	1.58E-07	4.59E-08	2.29E-02	7.22E-06	2.10E-06	2.30E-04	7.27E-08	2.11E-08
5779 488935.44, 3858682.82	2.04E-02	6.45E-06	1.87E-06	4.50E-04	1.42E-07	4.14E-08	2.05E-02	6.47E-06	1.88E-06	5.20E-04	1.64E-07	4.77E-08	2.13E-02	6.71E-06	1.95E-06	2.39E-04	7.55E-08	2.20E-08
5780 488869.17, 3858848.43	3.02E-02	9.53E-06	2.77E-06	4.15E-04	1.31E-07	3.81E-08	3.03E-02	9.55E-06	2.78E-06	4.79E-04	1.51E-07	4.39E-08	3.16E-02	9.97E-06	2.90E-06	2.20E-04	6.95E-08	2.02E-08
5781 488932.48, 3858892.69	3.19E-02	1.01E-05	2.93E-06	4.03E-04	1.27E-07	3.70E-08	3.20E-02	1.01E-05	2.94E-06	4.65E-04	1.47E-07	4.27E-08	3.34E-02	1.05E-05	3.07E-06	2.14E-04	6.76E-08	1.97E-08
5782 489063.27, 3858977.17	3.27E-02	1.03E-05	3.00E-06	3.82E-04	1.21E-07	3.51E-08	3.28E-02	1.03E-05	3.01E-06	4.41E-04	1.39E-07	4.05E-08	3.43E-02	1.08E-05	3.15E-06	2.04E-04	6.43E-08	1.87E-08
5783 489248.2, 3859117.15	3.06E-02	9.65E-06	2.81E-06	3.52E-04	1.11E-07	3.23E-08	3.06E-02	9.66E-06	2.81E-06	4.06E-04	1.28E-07	3.73E-08	3.20E-02	1.01E-05	2.94E-06	1.89E-04	5.95E-08	1.73E-08
5784 489296.25, 3859049.22	2.80E-02	8.84E-06	2.57E-06	3.59E-04	1.13E-07	3.30E-08	2.81E-02	8.86E-06	2.58E-06	4.14E-04	1.31E-07	3.80E-08	2.93E-02	9.26E-06	2.69E-06	1.92E-04	6.06E-08	1.76E-08
5785 489353.38, 3858993.97	2.54E-02	8.01E-06	2.33E-06	3.65E-04	1.15E-07	3.35E-08	2.55E-02	8.03E-06	2.34E-06	4.21E-04	1.33E-07	3.86E-08	2.66E-02	8.38E-06	2.44E-06	1.95E-04	6.15E-08	1.79E-08
5786 489537.25, 3859120.22	2.39E-02	7.55E-06	2.20E-06	3.37E-04	1.06E-07	3.10E-08	2.40E-02	7.57E-06	2.20E-06	3.89E-04	1.23E-07	3.57E-08	2.50E-02	7.90E-06	2.30E-06	1.80E-04	5.70E-08	1.66E-08
5787 489726.98, 3859246.04	2.17E-02	6.86E-06	2.00E-06	3.12E-04	9.83E-08	2.86E-08	2.18E-02	6.88E-06	2.00E-06	3.59E-04	1.13E-07	3.30E-08	2.27E-02	7.18E-06	2.09E-06	1.67E-04	5.27E-08	1.53E-08
5788 489911.46, 3859366.33	1.94E-02	6.12E-06	1.78E-06	2.90E-04	9.16E-08	2.66E-08	1.94E-02	6.13E-06	1.78E-06	3.34E-04	1.06E-07	3.07E-08	2.03E-02	6.40E-06	1.86E-06	1.55E-04	4.91E-08	1.43E-08
5789 490035.3, 3859430.26	1.83E-02	5.76E-06	1.68E-06	2.77E-04	8.75E-08	2.54E-08	1.83E-02	5.78E-06	1.68E-06	3.20E-04	1.01E-07	2.93E-08	1.91E-02	6.03E-06	1.75E-06	1.48E-04	4.69E-08	1.36E-08
5790 490101.11, 3859458.61	1.76E-02	5.57E-06	1.62E-06	2.72E-04	8.58E-08	2.50E-08	1.77E-02	5.58E-06	1.62E-06	3.13E-04	9.89E-08	2.88E-08	1.84E-02	5.82E-06	1.69E-06	1.46E-04	4.59E-08	1.34E-08
5791 490312.68, 3859560.3	1.60E-02	5.04E-06	1.46E-06	2.55E-04	8.04E-08	2.34E-08	1.60E-02	5.05E-06	1.47E-06	2.94E-04	9.28E-08	2.70E-08	1.67E-02	5.26E-06	1.53E-06	1.36E-04	4.30E-08	1.25E-08
5792 490401.63, 3859603.12	1.53E-02	4.84E-06	1.41E-06	2.49E-04	7.85E-08	2.28E-08	1.54E-02	4.85E-06	1.41E-06	2.87E-04	9.05E-08	2.63E-08	1.60E-02	5.05E-06	1.47E-06	1.33E-04	4.19E-08	1.22E-08
5793 490490.57, 3859645.94	1.47E-02	4.65E-06	1.35E-06	2.43E-04	7.66E-08	2.23E-08	1.48E-02	4.66E-06	1.36E-06	2.80E-04	8.84E-08	2.57E-08	1.54E-02	4.86E-06	1.41E-06	1.30E-04	4.09E-08	1.19E-08
5794 490579.51, 3859688.76	1.41E-02	4.46E-06	1.30E-06	2.37E-04	7.49E-08	2.18E-08	1.42E-02	4.48E-06	1.30E-06	2.74E-04	8.64E-08	2.51E-08	1.48E-02	4.66E-06	1.36E-06	1.27E-04	4.00E-08	1.16E-08
5795 490668.45, 3859731.58	1.35E-02	4.27E-06	1.24E-06	2.33E-04	7.35E-08	2.14E-08	1.36E-02	4.28E-06	1.24E-06	2.69E-04	8.48E-08	2.47E-08	1.41E-02	4.46E-06	1.30E-06	1.24E-04	3.92E-08	1.14E-08
5796 490757.4, 3859774.4	1.31E-02	4.13E-06	1.20E-06	2.27E-04	7.17E-08	2.09E-08	1.31E-02	4.14E-06	1.20E-06	2.62E-04	8.27E-08	2.41E-08	1.37E-02	4.31E-06	1.25E-06	1.21E-04	3.82E-08	1.11E-08
5797 491003.53, 3859861.82	1.18E-02	3.73E-06	1.09E-06	2.17E-04	6.85E-08	1.99E-08	1.19E-02	3.74E-06	1.09E-06	2.50E-04	7.90E-08	2.30E-08	1.23E-02	3.89E-06	1.13E-06	1.15E-04	3.64E-08	1.06E-08
5798 491081.41, 3859879.05	1.15E-02	3.63E-06	1.06E-06	2.15E-04	6.78E-08	1.97E-08	1.15E-02	3.64E-06	1.06E-06	2.48E-04	7.82E-08	2.28E-08	1.20E-02	3.78E-06	1.10E-06	1.14E-04	3.60E-08	1.05E-08
5799 491229.76, 3859917.82	1.09E-02	3.44E-06	9.99E-07	2.10E-04	6.63E-08	1.93E-08	1.09E-02	3.45E-06	1.00E-06	2.43E-04	7.66E-08	2.23E-08	1.14E-02	3.58E-06	1.04E-06	1.12E-04	3.52E-08	1.02E-08
5800 491300.22, 3859939.35	1.06E-02	3.35E-06	9.74E-07	2.08E-04	6.55E-08	1.91E-08	1.06E-02	3.36E-06	9.77E-07	2.40E-04	7.56E-08	2.20E-08	1.11E-02	3.49E-06	1.02E-06	1.10E-04	3.48E-08	1.01E-08
5801 491350.49, 3860012.03	1.03E-02	3.25E-06	9.45E-07	1.99E-04	6.27E-08	1.82E-08	1.03E-02	3.26E-06	9.48E-07	2.29E-04	7.24E-08	2.10E-08	1.07E-02	3.39E-06	9.86E-07	1.05E-04	3.32E-08	9.67E-09
5802 491406.82, 3860092.57	9.88E-03	3.12E-06	9.07E-07	1.90E-04	6.00E-08	1.75E-08	9.91E-03	3.13E-06	9.10E-07	2.20E-04	6.93E-08	2.02E-08	1.03E-02	3.25E-06	9.46E-07	1.01E-04	3.18E-08	9.26E-09
5803 491483.37, 3860121.96	9.53E-03	3.01E-06	8.75E-07	1.88E-04	5.93E-08	1.72E-08	9.56E-03	3.02E-06	8.78E-07	2.17E-04	6.84E-08	1.99E-08	9.94E-03	3.14E-06	9.12E-07	9.95E-05	3.14E-08	9.14E-09
5804 491559.91, 3860151.36	9.20E-03	2.90E-06	8.44E-07	1.85E-04	5.85E-08	1.70E-08	9.23E-03	2.91E-06	8.47E-07	2.14E-04	6.75E-08	1.96E-08	9.59E-03	3.03E-06	8.80E-07	9.82E-05	3.10E-08	9.01E-09

5805	491711.81, 3860237.76	8.37E-03	2.64E-06	7.69E-07	1.82E-04	5.75E-08	1.67E-08	8.40E-03	2.65E-06	7.72E-07	2.11E-04	6.65E-08	1.93E-08	8.72E-03	2.75E-06	8.01E-07	9.65E-05	3.05E-08	8.86E-09
5806	491755.2, 3860319.07	8.05E-03	2.54E-06	7.39E-07	1.70E-04	5.38E-08	1.56E-08	8.08E-03	2.55E-06	7.42E-07	1.97E-04	6.21E-08	1.81E-08	8.39E-03	2.65E-06	7.70E-07	9.01E-05	2.84E-08	8.27E-09
5807	491704.71, 3860366.54	8.00E-03	2.53E-06	7.35E-07	1.67E-04	5.27E-08	1.53E-08	8.03E-03	2.53E-06	7.37E-07	1.93E-04	6.09E-08	1.77E-08	8.34E-03	2.63E-06	7.65E-07	8.83E-05	2.79E-08	8.10E-09
5808	491623.43, 3860462.39	7.80E-03	2.46E-06	7.16E-07	1.60E-04	5.07E-08	1.47E-08	7.83E-03	2.47E-06	7.18E-07	1.85E-04	5.85E-08	1.70E-08	8.13E-03	2.57E-06	7.46E-07	8.48E-05	2.68E-08	7.79E-09
5809	491534.02, 3860439.85	8.12E-03	2.56E-06	7.45E-07	1.67E-04	5.28E-08	1.54E-08	8.15E-03	2.57E-06	7.48E-07	1.93E-04	6.10E-08	1.78E-08	8.46E-03	2.67E-06	7.77E-07	8.85E-05	2.79E-08	8.12E-09
5810	491313.95, 3860268.18	9.48E-03	2.99E-06	8.70E-07	1.74E-04	5.49E-08	1.60E-08	9.51E-03	3.00E-06	8.73E-07	2.01E-04	6.35E-08	1.85E-08	9.89E-03	3.12E-06	9.08E-07	9.22E-05	2.91E-08	8.47E-09
5811	491187.12, 3860143.56	1.05E-02	3.31E-06	9.63E-07	1.86E-04	5.86E-08	1.71E-08	1.05E-02	3.32E-06	9.66E-07	2.14E-04	6.77E-08	1.97E-08	1.10E-02	3.46E-06	1.01E-06	9.85E-05	3.11E-08	9.05E-09
5812	491070.43, 3860075.97	1.12E-02	3.54E-06	1.03E-06	1.93E-04	6.09E-08	1.77E-08	1.12E-02	3.55E-06	1.03E-06	2.23E-04	7.03E-08	2.05E-08	1.17E-02	3.70E-06	1.08E-06	1.03E-04	3.24E-08	9.41E-09
5813	490995.09, 3860039.39	1.17E-02	3.68E-06	1.07E-06	1.97E-04	6.22E-08	1.81E-08	1.17E-02	3.69E-06	1.07E-06	2.27E-04	7.18E-08	2.09E-08	1.22E-02	3.84E-06	1.12E-06	1.05E-04	3.30E-08	9.61E-09
5814	490919.75, 3860002.8	1.21E-02	3.82E-06	1.11E-06	2.01E-04	6.35E-08	1.85E-08	1.21E-02	3.83E-06	1.11E-06	2.32E-04	7.33E-08	2.13E-08	1.26E-02	3.99E-06	1.16E-06	1.07E-04	3.38E-08	9.82E-09
5815	490756.81, 3859894.53	1.31E-02	4.12E-06	1.20E-06	2.14E-04	6.76E-08	1.97E-08	1.31E-02	4.13E-06	1.20E-06	2.47E-04	7.80E-08	2.27E-08	1.36E-02	4.31E-06	1.25E-06	1.14E-04	3.60E-08	1.05E-08
5816	490668.07, 3859860.92	1.36E-02	4.30E-06	1.25E-06	2.18E-04	6.88E-08	2.00E-08	1.36E-02	4.31E-06	1.25E-06	2.52E-04	7.94E-08	2.31E-08	1.42E-02	4.49E-06	1.31E-06	1.16E-04	3.67E-08	1.07E-08
5817	490579.34, 3859827.3	1.41E-02	4.46E-06	1.30E-06	2.23E-04	7.03E-08	2.04E-08	1.42E-02	4.47E-06	1.30E-06	2.57E-04	8.11E-08	2.36E-08	1.48E-02	4.66E-06	1.36E-06	1.19E-04	3.75E-08	1.09E-08
5818	490490.6, 3859793.68	1.47E-02	4.65E-06	1.35E-06	2.27E-04	7.17E-08	2.08E-08	1.48E-02	4.66E-06	1.35E-06	2.62E-04	8.27E-08	2.40E-08	1.54E-02	4.86E-06	1.41E-06	1.21E-04	3.82E-08	1.11E-08
5819	490401.86, 3859760.07	1.53E-02	4.84E-06	1.41E-06	2.32E-04	7.32E-08	2.13E-08	1.54E-02	4.85E-06	1.41E-06	2.67E-04	8.44E-08	2.45E-08	1.60E-02	5.06E-06	1.47E-06	1.24E-04	3.91E-08	1.14E-08
5820	490313.12, 3859726.45	1.59E-02	5.03E-06	1.46E-06	2.37E-04	7.49E-08	2.18E-08	1.60E-02	5.04E-06	1.47E-06	2.74E-04	8.64E-08	2.51E-08	1.67E-02	5.26E-06	1.53E-06	1.27E-04	4.01E-08	1.17E-08
5821	490224.39, 3859692.83	1.66E-02	5.23E-06	1.52E-06	2.43E-04	7.68E-08	2.24E-08	1.66E-02	5.24E-06	1.52E-06	2.81E-04	8.86E-08	2.58E-08	1.73E-02	5.47E-06	1.59E-06	1.30E-04	4.11E-08	1.20E-08
5822	490135.65, 3859659.22	1.72E-02	5.42E-06	1.58E-06	2.50E-04	7.90E-08	2.30E-08	1.72E-02	5.43E-06	1.58E-06	2.89E-04	9.11E-08	2.65E-08	1.80E-02	5.67E-06	1.65E-06	1.34E-04	4.23E-08	1.23E-08
5823	489918.19, 3859559.23	1.91E-02	6.02E-06	1.75E-06	2.70E-04	8.51E-08	2.47E-08	1.91E-02	6.03E-06	1.76E-06	3.11E-04	9.81E-08	2.85E-08	2.00E-02	6.30E-06	1.83E-06	1.45E-04	4.57E-08	1.33E-08
5824	489743.61, 3859486	2.12E-02	6.69E-06	1.95E-06	2.85E-04	8.99E-08	2.61E-08	2.12E-02	6.71E-06	1.95E-06	3.28E-04	1.04E-07	3.01E-08	2.22E-02	7.00E-06	2.04E-06	1.53E-04	4.84E-08	1.41E-08
5825	489660.32, 3859440.27	2.25E-02	7.11E-06	2.07E-06	2.93E-04	9.25E-08	2.69E-08	2.26E-02	7.13E-06	2.07E-06	3.38E-04	1.07E-07	3.10E-08	2.36E-02	7.45E-06	2.17E-06	1.58E-04	4.98E-08	1.45E-08
5826	489577.04, 3859394.53	2.41E-02	7.59E-06	2.21E-06	3.02E-04	9.52E-08	2.77E-08	2.41E-02	7.61E-06	2.21E-06	3.48E-04	1.10E-07	3.19E-08	2.52E-02	7.95E-06	2.31E-06	1.62E-04	5.13E-08	1.49E-08
5827	489493.75, 3859348.8	2.58E-02	8.15E-06	2.37E-06	3.10E-04	9.80E-08	2.85E-08	2.59E-02	8.17E-06	2.38E-06	3.58E-04	1.13E-07	3.28E-08	2.71E-02	8.54E-06	2.48E-06	1.67E-04	5.28E-08	1.53E-08
5828	489321.28, 3859240.02	3.00E-02	9.46E-06	2.75E-06	3.31E-04	1.05E-07	3.04E-08	3.00E-02	9.48E-06	2.76E-06	3.82E-04	1.20E-07	3.50E-08	3.14E-02	9.92E-06	2.88E-06	1.78E-04	5.62E-08	1.64E-08
5829	489235.41, 3859193.96	3.20E-02	1.01E-05	2.94E-06	3.41E-04	1.08E-07	3.13E-08	3.21E-02	1.01E-05	2.94E-06	3.93E-04	1.24E-07	3.61E-08	3.36E-02	1.06E-05	3.08E-06	1.83E-04	5.79E-08	1.68E-08
5830	489149.54, 3859147.89	3.49E-02	1.10E-05	3.20E-06	3.50E-04	1.10E-07	3.21E-08	3.49E-02	1.10E-05	3.21E-06	4.03E-04	1.27E-07	3.70E-08	3.66E-02	1.15E-05	3.36E-06	1.88E-04	5.92E-08	1.72E-08
5831	489063.68, 3859101.82	3.76E-02	1.19E-05	3.45E-06	3.59E-04	1.13E-07	3.30E-08	3.77E-02	1.19E-05	3.46E-06	4.14E-04	1.31E-07	3.80E-08	3.95E-02	1.25E-05	3.62E-06	1.93E-04	6.08E-08	1.77E-08
5832	488977.81, 3859055.75	4.06E-02	1.28E-05	3.73E-06	3.69E-04	1.17E-07	3.39E-08	4.07E-02	1.28E-05	3.74E-06	4.26E-04	1.34E-07	3.91E-08	4.27E-02	1.35E-05	3.92E-06	1.98E-04	6.23E-08	1.81E-08
5833	488891.94, 3859009.69	4.54E-02	1.43E-05	4.17E-06	3.77E-04	1.19E-07	3.46E-08	4.55E-02	1.44E-05	4.17E-06	4.35E-04	1.37E-07	4.00E-08	4.77E-02	1.51E-05	4.38E-06	2.02E-04	6.36E-08	1.85E-08
5834	488808, 3859060.73	5.97E-02	1.88E-05	5.48E-06	3.64E-04	1.15E-07	3.34E-08	5.97E-02	1.89E-05	5.48E-06	4.19E-04	1.32E-07	3.85E-08	6.28E-02	1.98E-05	5.76E-06	1.95E-04	6.15E-08	1.79E-08
5835	488809.93, 3859157.85	6.26E-02	1.98E-05	5.75E-06	3.43E-04	1.08E-07	3.15E-08	6.27E-02	1.98E-05	5.75E-06	3.95E-04	1.25E-07	3.62E-08	6.59E-02	2.08E-05	6.05E-06	1.85E-04	5.84E-08	1.70E-08
5836	488811.86, 3859254.96	6.50E-02	2.05E-05	5.97E-06	3.24E-04	1.02E-07	2.97E-08	6.51E-02	2.05E-05	5.98E-06	3.72E-04	1.17E-07	3.42E-08	6.84E-02	2.16E-05	6.28E-06	1.76E-04	5.57E-08	1.62E-08
5837	488813.78, 3859352.07	6.66E-02	2.10E-05	6.11E-06	3.05E-04	9.64E-08	2.80E-08	6.66E-02	2.10E-05	6.12E-06	3.51E-04	1.11E-07	3.22E-08	7.01E-02	2.21E-05	6.44E-06	1.68E-04	5.29E-08	1.54E-08
5838	488815.71, 3859449.19	6.65E-02	2.10E-05	6.10E-06	2.90E-04	9.17E-08	2.67E-08	6.65E-02	2.10E-05	6.11E-06	3.33E-04	1.05E-07	3.06E-08	7.00E-02	2.21E-05	6.42E-06	1.61E-04	5.07E-08	1.47E-08
5839	488910.04, 3859547.11	4.40E-02	1.39E-05	4.04E-06	2.81E-04	8.86E-08	2.58E-08	4.41E-02	1.39E-05	4.05E-06	3.21E-04	1.01E-07	2.95E-08	4.63E-02	1.46E-05	4.25E-06	1.57E-04	4.97E-08	1.44E-08
5840	489002.45, 3859547.91	3.81E-02	1.20E-05	3.50E-06	2.80E-04	8.85E-08	2.57E-08	3.81E-02	1.20E-05	3.50E-06	3.21E-04	1.01E-07	2.95E-08	4.00E-02	1.26E-05	3.67E-06	1.56E-04	4.93E-08	1.43E-08
5841	489094.85, 3859548.72	3.38E-02	1.07E-05	3.10E-06	2.81E-04	8.87E-08	2.58E-08	3.38E-02	1.07E-05	3.11E-06	3.22E-04	1.02E-07	2.96E-08	3.55E-02	1.12E-05	3.26E-06	1.56E-04	4.91E-08	1.43E-08
5842	489230.05, 3859601.87	2.85E-02	9.00E-06	2.62E-06	2.74E-04	8.65E-08	2.51E-08	2.85E-02	9.01E-06	2.62E-06	3.15E-04	9.93E-08	2.89E-08	2.99E-02	9.44E-06	2.75E-06	1.51E-04	4.76E-08	1.38E-08
5843	489227.52, 3859680.89	2.72E-02	8.59E-06	2.50E-06	2.62E-04	8.27E-08	2.40E-08	2.72E-02	8.60E-06	2.50E-06	3.01E-04	9.49E-08	2.76E-08	2.85E-02	9.01E-06	2.62E-06	1.45E-04	4.57E-08	1.33E-08
5844	489133.47, 3859760.29	2.78E-02	8.77E-06	2.55E-06	2.51E-04	7.91E-08	2.30E-08	2.78E-02	8.78E-06	2.55E-06	2.87E-04	9.07E-08	2.64E-08	2.91E-02	9.20E-06	2.68E-06	1.40E-04	4.41E-08	1.28E-08
5845	489041.96, 3859760.67	2.93E-02	9.26E-06	2.69E-06	2.52E-04	7.96E-08	2.32E-08	2.94E-02	9.27E-06	2.70E-06	2.89E-04	9.11E-08	2.65E-08	3.08E-02	9.71E-06	2.83E-06	1.42E-04	4.48E-08	1.30E-08
5846	488950.45, 3859761.05	3.11E-02	9.83E-06	2.86E-06	2.55E-04	8.04E-08	2.34E-08	3.12E-02	9.84E-06	2.86E-06	2.91E-04	9.18E-08	2.67E-08	3.27E-02	1.03E-05	3.00E-06	1.45E-04	4.58E-08	1.33E-08
5847	488858.94, 3859761.43	3.33E-02	1.05E-05	3.06E-06	2.59E-04	8.17E-08	2.38E-08	3.34E-02	1.05E-05	3.06E-06	2.95E-04	9.31E-08	2.71E-08	3.50E-02	1.10E-05	3.21E-06	1.50E-04	4.72E-08	1.37E-08
5848	488767.43, 3859761.82	3.63E-02	1.14E-05	3.33E-06	2.65E-04	8.35E-08	2.43E-08	3.63E-02	1.15E-05	3.33E-06	3.00E-04	9.48E-08	2.76E-08	3.81E-02	1.20E-05	3.49E-06	1.56E-04	4.92E-08	1.43E-08
5849	488675.92, 3859762.2	4.03E-02	1.27E-05	3.70E-06	2.74E-04	8.66E-08	2.52E-08	4.03E-02	1.27E-05	3.70E-06	3.10E-04	9.78E-08	2.85E-08	4.23E-02	1.33E-05	3.88E-06	1.66E-04	5.24E-08	1.53E-08
5850	488584.41, 3859762.58	4.62E-02	1.46E-05	4.24E-06	2.89E-04	9.11E-08	2.65E-08	4.62E-02	1.46E-05	4.24E-06	3.24E-04	1.02E-07	2.98E-08	4.85E-02	1.53E-05	4.45E-06	1.81E-04	5.72E-08	1.66E-08
5851	488492.9, 3859762.96	5.53E-02	1.75E-05	5.08E-06	3.03E-04	9.57E-08	2.78E-08	5.54E-02	1.75E-05	5.08E-06	3.38E-04	1.07E-07	3.11E-08	5.81E-02	1.83E-05	5.33E-06	1.97E-04	6.20E-08	1.80E-08
5852	488402.76, 3859830.95	7.13E-02	2.25E-05	6.55E-06	2.41E-04	7.62E-08	2.22E-08	7.13E-02	2.25E-05	6.55E-06	2.75E-04	8.68E-08	2.53E-08	7.51E-02	2.37E-05	6.89E-06	1.39E-04	4.40E-08	1.28E-08
5853	488404.14, 3859898.55	7.10E-02	2.24E-05	6.52E-06	2.20E-04	6.95E-08	2.02E-08	7.10E-02	2.24E-05	6.52E-06	2.53E-04	7.97E-08	2.32E-08	7.48E-02	2.36E-05	6.87E-06	1.22E-04	3.85E-08	1.12E-08
5854	488505.18, 3859964.96	5.99E-02	1.89E-05	5.50E-06	2.19E-04	6.92E-08	2.01E-08	5.99E-02	1.89E-05	5.50E-06	2.51E-04	7.92E-08	2.30E-08	6.31E-02	1.99E-05	5.79E-06	1.23E-04	3.89E-08	1.13E-08
5855	488604.85, 3859963.76	5.38E-02	1.70E-05	4.94E-06	2.24E-04	7.08E-08	2.06E-08	5.39E-02	1.70E-05	4.95E-06	2.56E-04	8.09E-08	2.35E-08	5.67E-02	1.79E-05	5.20E-06	1.27E-04	4.02E-08	1.17E-08
5856	488704.51, 3859962.56	4.89E-02	1.54E-05	4.49E-06	2.27E-04	7.16E-08	2.08E-08	4.90E-02	1.54E-05	4.49E-06	2.59E-04	8.18E-08	2.38E-08	5.15E-02	1.62E-05	4.73E-06	1.29E-04	4.08E-08	1.19E-08
5857	488804.18, 3859961.37	4.35E-02	1.37E-05	3.99E-06	2.28E-04	7.19E-08	2.09E-08	4.35E-02	1.37E-05	3.99E-06	2.60E-04	8.22E-08	2.39E-08	4.57E-02	1.44E-05	4.20E-06	1.29E-04	4.08E-08	1.19E-08
5858	488903.85, 3859960.17	3.79E-02	1.20E-05	3.48E-06	2.28E-04	7.18E-08	2.09E-08	3.80E-02	1.20E-05	3.48E-06	2.60E-04	8.22E-08	2.39E-08	3.99E-02	1.26E-05	3.66E-06	1.28E-04	4.05E-08	1.18E-08
5859	489003.52, 3859958.97	3.38E-02	1.07E-05	3.10E-06	2.27E-04	7.15E-08	2.08E-08	3.38E-02	1.07E-05	3.10E-06	2.59E-04	8.19E-08	2.38E-08	3.55E-02	1.12E-05	3.26E-06	1.27E-04	4.00E-08	1.16E-08
5860	489103.18, 3859957.77	3.07E-02	9.68E-06	2.81E-06	2.25E-04	7.12E-08	2.07E-08	3.07E-02	9.69E-06	2.82E-06	2.58E-04	8.16E-08	2.37E-08	3.22E-02	1.02E-05	2.96E-06	1.25E-04	3.95E-08	1.15E-08
5861	489201.48, 3860046.59	2.99E-02	9.45E-06	2.75E-06	2.14E-04	6.76E-08	1.97E-08	3.00E-02	9.46E-06	2.75E-06	2.46E-04	7.77E-08	2.26E-08	3.15E-02	9.93E-06	2.89E-06	1.18E-04	3.72E-08	1.08E-08
5862	489200.11, 3860136.61	3.21E-02	1.01E-05	2.94E-06	2.04E-04	6.44E-08	1.87E-08	3.21E-02	1.01E-05	2.95E-06	2.34E-04	7.40E-08	2.15E-08	3.37E-02	1.06E-05	3.09E-06	1.12E-04	3.52E-08	1.03E-08
5863	489198.74, 3860226.63	3.82E-02	1.20E-05	3.50E-06	1.95E-04	6.15E-08	1.79E-08	3.82E-02	1.21E-05	3.51E-06	2.24E-04	7.07E-08	2.06E-08	4.02E-02	1.27E-05	3.69E-06	1.06E-04	3.35E-08	9.75E-09
5864	489197.38, 3860316.66	5.58E-02	1.76E-05	5.13E-06	1.86E-04	5.86E-08	1.70E-08	5.59E-02	1.76E-05	5.13E-06	2.14E-04	6.74E-08	1.96E-08	5.88E-02	1.86E-05	5.40E-06	1.01E-04	3.18E-08	9.26E-09
5865	489196.01, 3860406.68	5.83E-02	1.84E-05	5.35E-06	1.77E-04	5.59E-08	1.63E-08	5.83E-02	1.84E-05	5.35E-06	2.04E-04	6.44E-08	1.87E-08	6.14E-02	1.94E-05	5.64E-06	9.56E-05	3.02E-08	8.78E-09
5866	489194.64, 3860496.7	5.33E-02	1.68E-05	4.89E-06	1.68E-04	5.31E-08	1.55E-08	5.33E-02	1.68E-05	4.89E-06	1.94E-04	6.13E-08	1.78E-08	5.61E-02	1.77E-05	5.15E-06	9.03E-05	2.85E-08	8.29E-09
5867	489193.27, 3860586.72	3.48E-02	1.10E-05	3.20E-06	1.61E-04	5.08E-08	1.48E-08	3.48E-02	1.10E-05	3.20E-06	1.86E-04	5.86E-08	1.70E-08	3.67E-02	1.16E-05	3.37E-06	8.59E-05	2.71E-08	7.88E-09
5868	489092.02, 3860678.13	2.03E-02	6.42E-06	1.87E-06	1.53E-04	4.83E-08	1.41E-08	2.04E-02	6.43E-06	1.87E-06	1.77E-04	5.58E-08	1.62E-08	2.14E-02	6.75E-06	1.96E-06	8.14E-05	2.57E-08	7.47E-09
5869	488992.13, 3860679.53	2.07E-02	6.53E-06	1.90E-06	1.52E-04	4.80E-08	1.40E-08	2.07E-02	6.53E-06	1.90E-06	1.76E-04	5.55E-08	1.61E-08	2.17E-02	6.86E-06	2.00E-06	8.10E-05	2.56E-08	7.43E-09
5870	488892.25, 3860680.92	2.08E-02	6.56E-06	1.91E-06	1.51E-04	4.77E-08	1.39E-08	2.08E-02	6.57E-06	1.91E-06	1.75E-04	5.51E-08	1.60E-08	2.19E-02	6.90E-06	2.01E-06	8.04E-05	2.54E-08	7.39E-09

5871	488792.36, 3860682.31	2.06E-02	6.50E-06	1.89E-06	1.50E-04	4.73E-08	1.37E-08	2.06E-02	6.50E-06	1.89E-06	1.73E-04	5.46E-08	1.59E-08	2.16E-02	6.83E-06	1.99E-06	7.96E-05	2.51E-08	7.31E-09
5872	488692.48, 3860683.7	2.03E-02	6.42E-06	1.87E-06	1.48E-04	4.68E-08	1.36E-08	2.04E-02	6.43E-06	1.87E-06	1.71E-04	5.41E-08	1.57E-08	2.14E-02	6.75E-06	1.96E-06	7.88E-05	2.49E-08	7.24E-09
5873	488592.59, 3860685.1	1.96E-02	6.20E-06	1.80E-06	1.46E-04	4.62E-08	1.34E-08	1.97E-02	6.20E-06	1.80E-06	1.69E-04	5.33E-08	1.55E-08	2.06E-02	6.51E-06	1.89E-06	7.78E-05	2.45E-08	7.14E-09
5874	488492.71, 3860686.49	1.94E-02	6.12E-06	1.78E-06	1.46E-04	4.60E-08	1.34E-08	1.94E-02	6.13E-06	1.78E-06	1.68E-04	5.31E-08	1.55E-08	2.04E-02	6.43E-06	1.87E-06	7.75E-05	2.45E-08	7.12E-09
5875	488299.07, 3860762.18	1.36E-02	4.30E-06	1.25E-06	1.42E-04	4.48E-08	1.30E-08	1.37E-02	4.31E-06	1.25E-06	1.64E-04	5.17E-08	1.50E-08	1.43E-02	4.52E-06	1.31E-06	7.51E-05	2.37E-08	6.90E-09
5876	488205.32, 3860764.09	1.29E-02	4.09E-06	1.19E-06	1.40E-04	4.43E-08	1.29E-08	1.30E-02	4.09E-06	1.19E-06	1.62E-04	5.12E-08	1.49E-08	1.36E-02	4.29E-06	1.25E-06	7.44E-05	2.35E-08	6.83E-09
5877	488111.56, 3860766	1.21E-02	3.81E-06	1.11E-06	1.39E-04	4.39E-08	1.28E-08	1.21E-02	3.81E-06	1.11E-06	1.61E-04	5.07E-08	1.47E-08	1.26E-02	3.99E-06	1.16E-06	7.36E-05	2.32E-08	6.76E-09
5878	488017.81, 3860767.91	1.11E-02	3.51E-06	1.02E-06	1.38E-04	4.35E-08	1.26E-08	1.11E-02	3.52E-06	1.02E-06	1.59E-04	5.02E-08	1.46E-08	1.16E-02	3.68E-06	1.07E-06	7.29E-05	2.30E-08	6.69E-09
5879	487924.06, 3860769.81	1.03E-02	3.25E-06	9.46E-07	1.37E-04	4.32E-08	1.26E-08	1.03E-02	3.26E-06	9.48E-07	1.58E-04	4.99E-08	1.45E-08	1.08E-02	3.40E-06	9.90E-07	7.24E-05	2.29E-08	6.65E-09
5880	487830.31, 3860771.72	9.61E-03	3.03E-06	8.82E-07	1.36E-04	4.30E-08	1.25E-08	9.63E-03	3.04E-06	8.84E-07	1.58E-04	4.97E-08	1.45E-08	1.01E-02	3.17E-06	9.23E-07	7.20E-05	2.27E-08	6.61E-09
5881	487736.55, 3860773.63	9.03E-03	2.85E-06	8.29E-07	1.36E-04	4.29E-08	1.25E-08	9.06E-03	2.86E-06	8.32E-07	1.57E-04	4.95E-08	1.44E-08	9.45E-03	2.98E-06	8.68E-07	7.17E-05	2.26E-08	6.58E-09
5882	487642.8, 3860775.54	8.55E-03	2.70E-06	7.85E-07	1.36E-04	4.28E-08	1.24E-08	8.57E-03	2.71E-06	7.87E-07	1.57E-04	4.95E-08	1.44E-08	8.94E-03	2.82E-06	8.21E-07	7.15E-05	2.26E-08	6.56E-09
5883	487549.48, 3860684.71	9.33E-03	2.94E-06	8.56E-07	1.40E-04	4.43E-08	1.29E-08	9.35E-03	2.95E-06	8.59E-07	1.62E-04	5.12E-08	1.49E-08	9.76E-03	3.08E-06	8.96E-07	7.40E-05	2.33E-08	6.79E-09
5884	487549.91, 3860591.97	1.08E-02	3.42E-06	9.96E-07	1.45E-04	4.57E-08	1.33E-08	1.09E-02	3.43E-06	9.98E-07	1.67E-04	5.28E-08	1.54E-08	1.14E-02	3.59E-06	1.04E-06	7.64E-05	2.41E-08	7.01E-09
5885	487550.34, 3860499.23	1.26E-02	3.99E-06	1.16E-06	1.50E-04	4.74E-08	1.38E-08	1.27E-02	3.99E-06	1.16E-06	1.74E-04	5.48E-08	1.59E-08	1.32E-02	4.18E-06	1.22E-06	7.94E-05	2.50E-08	7.29E-09
5886	487550.76, 3860406.49	1.41E-02	4.46E-06	1.30E-06	1.57E-04	4.94E-08	1.44E-08	1.41E-02	4.46E-06	1.30E-06	1.81E-04	5.71E-08	1.66E-08	1.48E-02	4.67E-06	1.36E-06	8.28E-05	2.61E-08	7.60E-09
5887	487551.19, 3860313.75	1.52E-02	4.79E-06	1.39E-06	1.63E-04	5.14E-08	1.49E-08	1.52E-02	4.79E-06	1.39E-06	1.88E-04	5.93E-08	1.73E-08	1.59E-02	5.02E-06	1.46E-06	8.62E-05	2.72E-08	7.91E-09
5888	487551.62, 3860221.01	1.61E-02	5.08E-06	1.48E-06	1.70E-04	5.35E-08	1.56E-08	1.61E-02	5.09E-06	1.48E-06	1.96E-04	6.18E-08	1.80E-08	1.69E-02	5.33E-06	1.55E-06	8.98E-05	2.84E-08	8.25E-09
5889	487552.05, 3860128.27	1.73E-02	5.45E-06	1.58E-06	1.78E-04	5.61E-08	1.63E-08	1.73E-02	5.46E-06	1.59E-06	2.05E-04	6.48E-08	1.88E-08	1.81E-02	5.72E-06	1.66E-06	9.42E-05	2.97E-08	8.65E-09
5890	487552.48, 3860035.53	1.83E-02	5.78E-06	1.68E-06	1.86E-04	5.87E-08	1.71E-08	1.83E-02	5.79E-06	1.68E-06	2.15E-04	6.78E-08	1.97E-08	1.92E-02	6.06E-06	1.76E-06	9.87E-05	3.12E-08	9.06E-09
5891	487552.91, 3859942.79	1.90E-02	6.00E-06	1.75E-06	1.94E-04	6.11E-08	1.78E-08	1.91E-02	6.01E-06	1.75E-06	2.24E-04	7.06E-08	2.05E-08	2.00E-02	6.30E-06	1.83E-06	1.03E-04	3.25E-08	9.44E-09
5892	487553.33, 3859850.05	2.04E-02	6.45E-06	1.88E-06	2.04E-04	6.43E-08	1.87E-08	2.05E-02	6.46E-06	1.88E-06	2.35E-04	7.42E-08	2.16E-08	2.15E-02	6.77E-06	1.97E-06	1.08E-04	3.42E-08	9.93E-09
5893	487553.76, 3859757.31	2.21E-02	6.98E-06	2.03E-06	2.13E-04	6.73E-08	1.96E-08	2.21E-02	6.99E-06	2.03E-06	2.46E-04	7.76E-08	2.26E-08	2.32E-02	7.33E-06	2.13E-06	1.13E-04	3.58E-08	1.04E-08
5894	487554.19, 3859664.57	2.50E-02	7.89E-06	2.30E-06	2.23E-04	7.05E-08	2.05E-08	2.50E-02	7.90E-06	2.30E-06	2.58E-04	8.13E-08	2.37E-08	2.62E-02	8.28E-06	2.41E-06	1.19E-04	3.75E-08	1.09E-08
5895	487460.2, 3859571.05	2.86E-02	9.04E-06	2.63E-06	2.32E-04	7.32E-08	2.13E-08	2.87E-02	9.05E-06	2.63E-06	2.68E-04	8.45E-08	2.46E-08	3.01E-02	9.49E-06	2.76E-06	1.23E-04	3.89E-08	1.13E-08
5896	487365.78, 3859570.27	2.65E-02	8.36E-06	2.43E-06	2.30E-04	7.26E-08	2.11E-08	2.65E-02	8.38E-06	2.44E-06	2.66E-04	8.38E-08	2.44E-08	2.78E-02	8.78E-06	2.55E-06	1.22E-04	3.85E-08	1.12E-08
5897	487271.36, 3859569.48	2.46E-02	7.77E-06	2.26E-06	2.28E-04	7.19E-08	2.09E-08	2.47E-02	7.78E-06	2.26E-06	2.63E-04	8.30E-08	2.41E-08	2.59E-02	8.16E-06	2.37E-06	1.21E-04	3.81E-08	1.11E-08
5898	487176.94, 3859568.7	2.27E-02	7.17E-06	2.09E-06	2.25E-04	7.11E-08	2.07E-08	2.28E-02	7.18E-06	2.09E-06	2.60E-04	8.22E-08	2.39E-08	2.38E-02	7.52E-06	2.19E-06	1.19E-04	3.76E-08	1.10E-08
5899	487082.51, 3859567.92	2.09E-02	6.59E-06	1.92E-06	2.24E-04	7.06E-08	2.05E-08	2.09E-02	6.60E-06	1.92E-06	2.59E-04	8.16E-08	2.37E-08	2.19E-02	6.91E-06	2.01E-06	1.18E-04	3.74E-08	1.09E-08
5900	486988.09, 3859567.14	1.90E-02	6.00E-06	1.74E-06	2.23E-04	7.04E-08	2.05E-08	1.90E-02	6.01E-06	1.75E-06	2.58E-04	8.13E-08	2.36E-08	1.99E-02	6.28E-06	1.83E-06	1.18E-04	3.72E-08	1.08E-08
5901	486893.67, 3859566.36	1.72E-02	5.44E-06	1.58E-06	2.23E-04	7.03E-08	2.05E-08	1.73E-02	5.45E-06	1.59E-06	2.58E-04	8.13E-08	2.36E-08	1.81E-02	5.70E-06	1.66E-06	1.18E-04	3.71E-08	1.08E-08
5902	486799.25, 3859565.58	1.56E-02	4.93E-06	1.43E-06	2.23E-04	7.05E-08	2.05E-08	1.57E-02	4.94E-06	1.44E-06	2.58E-04	8.14E-08	2.37E-08	1.63E-02	5.16E-06	1.50E-06	1.18E-04	3.72E-08	1.08E-08
5903	486704.83, 3859564.79	1.42E-02	4.48E-06	1.30E-06	2.24E-04	7.07E-08	2.06E-08	1.42E-02	4.49E-06	1.31E-06	2.59E-04	8.17E-08	2.38E-08	1.48E-02	4.68E-06	1.36E-06	1.18E-04	3.73E-08	1.08E-08
5904	486610.41, 3859564.01	1.29E-02	4.08E-06	1.19E-06	2.25E-04	7.10E-08	2.07E-08	1.30E-02	4.09E-06	1.19E-06	2.60E-04	8.21E-08	2.39E-08	1.35E-02	4.26E-06	1.24E-06	1.18E-04	3.74E-08	1.09E-08
5905	486515.99, 3859563.23	1.18E-02	3.72E-06	1.08E-06	2.25E-04	7.11E-08	2.07E-08	1.18E-02	3.74E-06	1.09E-06	2.61E-04	8.22E-08	2.39E-08	1.23E-02	3.89E-06	1.13E-06	1.19E-04	3.74E-08	1.09E-08
5906	486421.57, 3859562.45	1.09E-02	3.43E-06	9.98E-07	2.27E-04	7.15E-08	2.08E-08	1.09E-02	3.44E-06	1.00E-06	2.62E-04	8.27E-08	2.41E-08	1.13E-02	3.58E-06	1.04E-06	1.19E-04	3.76E-08	1.09E-08
5907	486327.14, 3859561.67	1.01E-02	3.19E-06	9.27E-07	2.28E-04	7.21E-08	2.10E-08	1.01E-02	3.20E-06	9.31E-07	2.64E-04	8.33E-08	2.42E-08	1.05E-02	3.32E-06	9.65E-07	1.20E-04	3.79E-08	1.10E-08
5908	486232.72, 3859560.89	9.39E-03	2.96E-06	8.62E-07	2.29E-04	7.23E-08	2.10E-08	9.43E-03	2.98E-06	8.66E-07	2.65E-04	8.36E-08	2.43E-08	9.77E-03	3.08E-06	8.97E-07	1.20E-04	3.80E-08	1.11E-08
5909	486138.3, 3859560.1	8.77E-03	2.77E-06	8.05E-07	2.30E-04	7.24E-08	2.11E-08	8.81E-03	2.78E-06	8.09E-07	2.65E-04	8.38E-08	2.44E-08	9.12E-03	2.88E-06	8.37E-07	1.21E-04	3.81E-08	1.11E-08
5910	486043.88, 3859559.32	8.21E-03	2.59E-06	7.53E-07	2.29E-04	7.24E-08	2.11E-08	8.24E-03	2.60E-06	7.57E-07	2.65E-04	8.37E-08	2.43E-08	8.52E-03	2.69E-06	7.82E-07	1.20E-04	3.80E-08	1.11E-08
5911	485949.35, 3859463.54	8.25E-03	2.60E-06	7.57E-07	2.41E-04	7.59E-08	2.21E-08	8.29E-03	2.62E-06	7.61E-07	2.78E-04	8.78E-08	2.55E-08	8.56E-03	2.70E-06	7.86E-07	1.26E-04	3.99E-08	1.16E-08
5912	485949.24, 3859368.55	8.89E-03	2.80E-06	8.16E-07	2.53E-04	8.00E-08	2.33E-08	8.93E-03	2.82E-06	8.20E-07	2.93E-04	9.25E-08	2.69E-08	9.22E-03	2.91E-06	8.46E-07	1.33E-04	4.20E-08	1.22E-08
5913	485949.12, 3859273.55	9.61E-03	3.03E-06	8.82E-07	2.68E-04	8.45E-08	2.46E-08	9.65E-03	3.05E-06	8.86E-07	3.09E-04	9.77E-08	2.84E-08	9.97E-03	3.15E-06	9.15E-07	1.41E-04	4.44E-08	1.29E-08
5914	485949.01, 3859178.56	1.04E-02	3.28E-06	9.54E-07	2.83E-04	8.93E-08	2.60E-08	1.04E-02	3.30E-06	9.59E-07	3.27E-04	1.03E-07	3.00E-08	1.08E-02	3.41E-06	9.91E-07	1.49E-04	4.69E-08	1.36E-08
5915	485948.9, 3859083.56	1.12E-02	3.55E-06	1.03E-06	3.00E-04	9.48E-08	2.76E-08	1.13E-02	3.56E-06	1.04E-06	3.47E-04	1.10E-07	3.19E-08	1.17E-02	3.68E-06	1.07E-06	1.58E-04	4.98E-08	1.45E-08
5916	485948.79, 3858988.56	1.20E-02	3.79E-06	1.10E-06	3.18E-04	1.01E-07	2.92E-08	1.21E-02	3.80E-06	1.11E-06	3.68E-04	1.16E-07	3.38E-08	1.25E-02	3.93E-06	1.14E-06	1.67E-04	5.28E-08	1.53E-08
5917	485948.67, 3858893.57	1.26E-02	3.98E-06	1.16E-06	3.38E-04	1.07E-07	3.10E-08	1.27E-02	3.99E-06	1.16E-06	3.91E-04	1.23E-07	3.59E-08	1.31E-02	4.13E-06	1.20E-06	1.77E-04	5.60E-08	1.63E-08
5918	485948.56, 3858798.57	1.30E-02	4.10E-06	1.19E-06	3.61E-04	1.14E-07	3.31E-08	1.30E-02	4.11E-06	1.20E-06	4.18E-04	1.32E-07	3.83E-08	1.35E-02	4.25E-06	1.24E-06	1.89E-04	5.98E-08	1.74E-08
5919	485948.45, 3858703.58	1.32E-02	4.17E-06	1.21E-06	3.83E-04	1.21E-07	3.51E-08	1.33E-02	4.19E-06	1.22E-06	4.43E-04	1.40E-07	4.07E-08	1.37E-02	4.33E-06	1.26E-06	2.01E-04	6.34E-08	1.84E-08
5920	485948.34, 3858608.58	1.35E-02	4.25E-06	1.24E-06	4.09E-04	1.29E-07	3.76E-08	1.35E-02	4.27E-06	1.24E-06	4.74E-04	1.49E-07	4.35E-08	1.40E-02	4.41E-06	1.28E-06	2.15E-04	6.77E-08	1.97E-08
5921	485948.22, 3858513.59	1.38E-02	4.35E-06	1.26E-06	4.39E-04	1.38E-07	4.03E-08	1.38E-02	4.37E-06	1.27E-06	5.08E-04	1.60E-07	4.66E-08	1.43E-02	4.50E-06	1.31E-06	2.30E-04	7.25E-08	2.11E-08
5922	485948.11, 3858418.59	1.42E-02	4.47E-06	1.30E-06	4.70E-04	1.48E-07	4.32E-08	1.43E-02	4.50E-06	1.31E-06	5.44E-04	1.72E-07	5.00E-08	1.47E-02	4.63E-06	1.35E-06	2.46E-04	7.77E-08	2.26E-08
5923	485948, 3858323.59	1.47E-02	4.63E-06	1.35E-06	5.08E-04	1.60E-07	4.67E-08	1.48E-02	4.66E-06	1.35E-06	5.88E-04	1.86E-07	5.40E-08	1.52E-02	4.79E-06	1.39E-06	2.66E-04	8.39E-08	2.44E-08
5924	485947.89, 3858228.6	1.52E-02	4.80E-06	1.40E-06	5.48E-04	1.73E-07	5.03E-08	1.53E-02	4.83E-06	1.40E-06	6.34E-04	2.00E-07	5.82E-08	1.57E-02	4.96E-06	1.44E-06	2.86E-04	9.04E-08	2.63E-08
5925	485947.77, 3858133.6	1.57E-02	4.97E-06	1.44E-06	5.91E-04	1.87E-07	5.43E-08	1.58E-02	5.00E-06	1.45E-06	6.85E-04	2.16E-07	6.28E-08	1.62E-02	5.13E-06	1.49E-06	3.09E-04	9.76E-08	2.84E-08
5926	485947.66, 3858038.61	1.64E-02	5.17E-06	1.50E-06	6.49E-04	2.05E-07	5.95E-08	1.65E-02	5.21E-06	1.51E-06	7.51E-04	2.37E-07	6.89E-08	1.69E-02	5.33E-06	1.55E-06	3.39E-04	1.07E-07	3.11E-08
5927	485854.54, 3857943.35	1.60E-02	5.04E-06	1.47E-06	6.90E-04	2.18E-07	6.33E-08	1.61E-02	5.08E-06	1.48E-06	7.98E-04	2.52E-07	7.33E-08	1.64E-02	5.19E-06	1.51E-06	3.60E-04	1.14E-07	3.31E-08
5928	485761.52, 3857943.09	1.46E-02	4.60E-06	1.34E-06	6.75E-04	2.13E-07	6.19E-08	1.47E-02	4.64E-06	1.35E-06	7.81E-04	2.46E-07	7.17E-08	1.50E-02	4.73E-06	1.37E-06	3.52E-04	1.11E-07	3.23E-08
5929	485668.51, 3857942.83	1.35E-02	4.26E-06	1.24E-06	6.62E-04	2.09E-07	6.08E-08	1.36E-02	4.30E-06	1.25E-06	7.67E-04	2.42E-07	7.04E-08	1.38E-02	4.37E-06	1.27E-06	3.46E-04	1.09E-07	3.17E-08
5930	485575.5, 3857942.56	1.26E-02	3.99E-06	1.16E-06	6.47E-04	2.04E-07	5.94E-08	1.27E-02	4.02E-06	1.17E-06	7.49E-04	2.36E-07	6.87E-08	1.29E-02	4.08E-06	1.19E-06	3.38E-04	1.07E-07	3.10E-08
5931	485482.48, 3857942.3	1.19E-02	3.76E-06	1.09E-06	6.35E-04	2.00E-07	5.83E-08	1.20E-02	3.79E-06	1.10E-06	7.35E-04	2.32E-07	6.75E-08	1.22E-02	3.84E-06	1.12E-06	3.31E-04	1.05E-07	3.04E-08
5932	485389.47, 3857942.04	1.13E-02	3.56E-06	1.04E-06	6.23E-04	1.97E-07	5.72E-08	1.14E-02	3.59E-06	1.05E-06	7.21E-04	2.28E-07	6.62E-08	1.15E-02	3.64E-06	1.06E-06	3.25E-04	1.03E-07	2.98E-08
5933	485296.46, 3857941.78	1.07E-02	3.39E-06	9.85E-07	6.12E-04	1.93E-07	5.61E-08	1.08E-02	3.42E-06	9.95E-07	7.08E-04	2.23E-07	6.50E-08	1.09E-02	3.46E-06	1.00E-06	3.19E-04	1.01E-07	2.93E-08
5934	485203.45, 3857941.52	1.02E-02	3.23E-06	9.40E-07	6.03E-04	1.90E-07	5.53E-08	1.03E-02	3.26E-06	9.49E-07	6.98E-04	2.20E-07	6.40E-08	1.04E-02	3.29E-06	9.58E-07	3.14E-04	9.92E-08	2.89E-08
5935	485110.43, 3857941.26	9.81E-03	3.10E-06	9.00E-07	5.91E-04	1.86E-07	5.42E-08	9.91E-03	3.13E-06	9.10E-07	6.84E-04	2.16E-07	6.28E-08	9.99E-03	3.15E-06	9.17E-07	3.08E-04	9.73E-08	2.83E-08
5936	485017.42, 3857940.99	9.42E-03	2.97E-06	8.65E-07	5.78E-04	1.82E-07	5.30E-08	9.52E-03	3.00E-06	8.74E-07	6.69E-04	2.11E-07	6.14E-08	9.58E-03	3.02E-06	8.80E-07	3.01E-04	9.51E-08	2.77E-08

5937	484924.41, 3857940.73	9.05E-03	2.86E-06	8.31E-07	5.65E-04	1.78E-07	5.19E-08	9.15E-03	2.89E-06	8.40E-07	6.54E-04	2.06E-07	6.00E-08	9.20E-03	2.90E-06	8.45E-07	2.95E-04	9.30E-08	2.71E-08
5938	484831.39, 3857940.47	8.70E-03	2.74E-06	7.98E-07	5.54E-04	1.75E-07	5.08E-08	8.79E-03	2.77E-06	8.07E-07	6.41E-04	2.02E-07	5.89E-08	8.84E-03	2.79E-06	8.11E-07	2.89E-04	9.12E-08	2.65E-08
5939	484738.12, 3857859.3	9.07E-03	2.86E-06	8.32E-07	5.71E-04	1.80E-07	5.24E-08	9.17E-03	2.89E-06	8.41E-07	6.61E-04	2.08E-07	6.06E-08	9.22E-03	2.91E-06	8.46E-07	2.98E-04	9.39E-08	2.73E-08
5940	484737.85, 3857778.4	9.96E-03	3.14E-06	9.14E-07	6.02E-04	1.90E-07	5.53E-08	1.01E-02	3.18E-06	9.24E-07	6.97E-04	2.20E-07	6.40E-08	1.01E-02	3.20E-06	9.31E-07	3.14E-04	9.91E-08	2.88E-08
5941	484737.59, 3857697.49	1.11E-02	3.51E-06	1.02E-06	6.34E-04	2.00E-07	5.82E-08	1.12E-02	3.54E-06	1.03E-06	7.34E-04	2.32E-07	6.74E-08	1.13E-02	3.58E-06	1.04E-06	3.31E-04	1.04E-07	3.04E-08
5942	484737.32, 3857616.59	1.27E-02	4.01E-06	1.17E-06	6.66E-04	2.10E-07	6.11E-08	1.28E-02	4.05E-06	1.18E-06	7.71E-04	2.43E-07	7.07E-08	1.30E-02	4.10E-06	1.19E-06	3.47E-04	1.10E-07	3.19E-08
5943	484645.53, 3857535.18	1.40E-02	4.41E-06	1.28E-06	6.79E-04	2.14E-07	6.24E-08	1.41E-02	4.44E-06	1.29E-06	7.87E-04	2.48E-07	7.22E-08	1.43E-02	4.52E-06	1.31E-06	3.54E-04	1.12E-07	3.25E-08
5944	484553.99, 3857534.67	1.31E-02	4.14E-06	1.20E-06	6.57E-04	2.07E-07	6.03E-08	1.32E-02	4.18E-06	1.21E-06	7.60E-04	2.40E-07	6.98E-08	1.34E-02	4.24E-06	1.23E-06	3.43E-04	1.08E-07	3.14E-08
5945	484462.46, 3857534.17	1.24E-02	3.90E-06	1.14E-06	6.37E-04	2.01E-07	5.85E-08	1.25E-02	3.94E-06	1.15E-06	7.37E-04	2.33E-07	6.77E-08	1.27E-02	4.00E-06	1.16E-06	3.32E-04	1.05E-07	3.05E-08
5946	484370.93, 3857533.66	1.17E-02	3.69E-06	1.07E-06	6.16E-04	1.95E-07	5.66E-08	1.18E-02	3.73E-06	1.08E-06	7.14E-04	2.25E-07	6.55E-08	1.20E-02	3.78E-06	1.10E-06	3.22E-04	1.01E-07	2.95E-08
5947	484279.4, 3857533.16	1.11E-02	3.49E-06	1.02E-06	5.97E-04	1.89E-07	5.48E-08	1.12E-02	3.53E-06	1.03E-06	6.91E-04	2.18E-07	6.35E-08	1.13E-02	3.57E-06	1.04E-06	3.12E-04	9.83E-08	2.86E-08
5948	484187.86, 3857532.65	1.05E-02	3.31E-06	9.64E-07	5.78E-04	1.82E-07	5.30E-08	1.06E-02	3.34E-06	9.73E-07	6.69E-04	2.11E-07	6.14E-08	1.07E-02	3.38E-06	9.84E-07	3.01E-04	9.51E-08	2.77E-08
5949	484096.33, 3857532.15	9.86E-03	3.11E-06	9.05E-07	5.60E-04	1.77E-07	5.14E-08	9.96E-03	3.14E-06	9.14E-07	6.48E-04	2.05E-07	5.95E-08	1.01E-02	3.18E-06	9.24E-07	2.92E-04	9.22E-08	2.68E-08
5950	484004.8, 3857531.64	9.39E-03	2.96E-06	8.62E-07	5.40E-04	1.71E-07	4.96E-08	9.48E-03	2.99E-06	8.70E-07	6.25E-04	1.97E-07	5.74E-08	9.58E-03	3.02E-06	8.79E-07	2.82E-04	8.90E-08	2.59E-08
5951	483913.27, 3857531.14	9.02E-03	2.85E-06	8.28E-07	5.20E-04	1.64E-07	4.77E-08	9.11E-03	2.87E-06	8.36E-07	6.02E-04	1.90E-07	5.52E-08	9.20E-03	2.90E-06	8.44E-07	2.71E-04	8.56E-08	2.49E-08
5952	483821.73, 3857530.63	8.57E-03	2.70E-06	7.86E-07	5.02E-04	1.59E-07	4.61E-08	8.65E-03	2.73E-06	7.94E-07	5.81E-04	1.83E-07	5.34E-08	8.73E-03	2.76E-06	8.01E-07	2.62E-04	8.27E-08	2.41E-08
5953	483729.61, 3857450.11	8.95E-03	2.83E-06	8.22E-07	5.03E-04	1.59E-07	4.62E-08	9.04E-03	2.85E-06	8.30E-07	5.83E-04	1.84E-07	5.35E-08	9.14E-03	2.88E-06	8.39E-07	2.63E-04	8.29E-08	2.41E-08
5954	483729.03, 3857370.08	9.81E-03	3.10E-06	9.00E-07	5.24E-04	1.65E-07	4.81E-08	9.90E-03	3.12E-06	9.09E-07	6.06E-04	1.91E-07	5.57E-08	1.00E-02	3.17E-06	9.21E-07	2.73E-04	8.63E-08	2.51E-08
5955	483728.44, 3857290.06	1.10E-02	3.47E-06	1.01E-06	5.42E-04	1.71E-07	4.97E-08	1.11E-02	3.50E-06	1.02E-06	6.27E-04	1.98E-07	5.76E-08	1.13E-02	3.56E-06	1.03E-06	2.83E-04	8.93E-08	2.60E-08
5956	483727.86, 3857210.03	1.26E-02	3.97E-06	1.15E-06	5.60E-04	1.77E-07	5.14E-08	1.27E-02	4.00E-06	1.16E-06	6.48E-04	2.04E-07	5.95E-08	1.29E-02	4.08E-06	1.19E-06	2.92E-04	9.22E-08	2.68E-08
5957	483641.15, 3857129.07	1.29E-02	4.06E-06	1.18E-06	5.58E-04	1.76E-07	5.12E-08	1.30E-02	4.09E-06	1.19E-06	6.46E-04	2.04E-07	5.93E-08	1.32E-02	4.18E-06	1.21E-06	2.91E-04	9.19E-08	2.67E-08
5958	483555.03, 3857128.14	1.15E-02	3.64E-06	1.06E-06	5.36E-04	1.69E-07	4.93E-08	1.16E-02	3.67E-06	1.07E-06	6.21E-04	1.96E-07	5.70E-08	1.18E-02	3.74E-06	1.09E-06	2.80E-04	8.84E-08	2.57E-08
5959	483468.91, 3857127.2	1.06E-02	3.35E-06	9.74E-07	5.12E-04	1.62E-07	4.70E-08	1.07E-02	3.38E-06	9.82E-07	5.93E-04	1.87E-07	5.44E-08	1.09E-02	3.43E-06	9.99E-07	2.68E-04	8.45E-08	2.46E-08
5960	483382.78, 3857126.26	9.62E-03	3.04E-06	8.84E-07	4.95E-04	1.56E-07	4.54E-08	9.71E-03	3.06E-06	8.91E-07	5.73E-04	1.81E-07	5.26E-08	9.85E-03	3.11E-06	9.04E-07	2.58E-04	8.16E-08	2.37E-08
5961	483296.66, 3857125.32	8.86E-03	2.80E-06	8.13E-07	4.76E-04	1.50E-07	4.37E-08	8.94E-03	2.82E-06	8.21E-07	5.51E-04	1.74E-07	5.06E-08	9.05E-03	2.86E-06	8.31E-07	2.49E-04	7.85E-08	2.28E-08
5962	483210.54, 3857124.39	8.20E-03	2.59E-06	7.53E-07	4.57E-04	1.44E-07	4.20E-08	8.28E-03	2.61E-06	7.60E-07	5.29E-04	1.67E-07	4.86E-08	8.37E-03	2.64E-06	7.69E-07	2.39E-04	7.54E-08	2.19E-08
5963	483123.4, 3857030.96	8.16E-03	2.58E-06	7.49E-07	4.53E-04	1.43E-07	4.16E-08	8.24E-03	2.60E-06	7.56E-07	5.25E-04	1.66E-07	4.82E-08	8.33E-03	2.63E-06	7.65E-07	2.37E-04	7.47E-08	2.17E-08
5964	483122.38, 3856938.46	8.70E-03	2.75E-06	7.99E-07	4.68E-04	1.48E-07	4.30E-08	8.78E-03	2.77E-06	8.06E-07	5.42E-04	1.71E-07	4.98E-08	8.89E-03	2.81E-06	8.17E-07	2.45E-04	7.72E-08	2.25E-08
5965	483121.35, 3856845.97	9.21E-03	2.91E-06	8.46E-07	4.84E-04	1.53E-07	4.44E-08	9.30E-03	2.93E-06	8.53E-07	5.60E-04	1.77E-07	5.14E-08	9.42E-03	2.97E-06	8.65E-07	2.53E-04	7.97E-08	2.32E-08
5966	483120.33, 3856753.47	9.89E-03	3.12E-06	9.08E-07	4.95E-04	1.56E-07	4.54E-08	9.98E-03	3.15E-06	9.16E-07	5.73E-04	1.81E-07	5.26E-08	1.01E-02	3.20E-06	9.30E-07	2.58E-04	8.16E-08	2.37E-08
5967	483119.31, 3856660.98	1.05E-02	3.33E-06	9.67E-07	5.06E-04	1.60E-07	4.65E-08	1.06E-02	3.35E-06	9.75E-07	5.86E-04	1.85E-07	5.38E-08	1.08E-02	3.41E-06	9.92E-07	2.65E-04	8.35E-08	2.43E-08
5968	483118.29, 3856568.49	1.10E-02	3.48E-06	1.01E-06	5.21E-04	1.64E-07	4.78E-08	1.11E-02	3.50E-06	1.02E-06	6.02E-04	1.90E-07	5.53E-08	1.13E-02	3.57E-06	1.04E-06	2.72E-04	8.59E-08	2.50E-08
5969	483117.26, 3856475.99	1.13E-02	3.58E-06	1.04E-06	5.36E-04	1.69E-07	4.92E-08	1.14E-02	3.61E-06	1.05E-06	6.20E-04	1.96E-07	5.70E-08	1.16E-02	3.67E-06	1.07E-06	2.80E-04	8.85E-08	2.57E-08
5970	483116.24, 3856383.5	1.18E-02	3.71E-06	1.08E-06	5.50E-04	1.74E-07	5.05E-08	1.19E-02	3.74E-06	1.09E-06	6.37E-04	2.01E-07	5.85E-08	1.21E-02	3.81E-06	1.11E-06	2.88E-04	9.08E-08	2.64E-08
5971	483115.22, 3856291.01	1.22E-02	3.84E-06	1.12E-06	5.64E-04	1.78E-07	5.18E-08	1.23E-02	3.88E-06	1.13E-06	6.53E-04	2.06E-07	6.00E-08	1.25E-02	3.95E-06	1.15E-06	2.95E-04	9.32E-08	2.71E-08
5972	483114.2, 3856198.51	1.28E-02	4.05E-06	1.18E-06	5.75E-04	1.82E-07	5.28E-08	1.29E-02	4.08E-06	1.19E-06	6.66E-04	2.10E-07	6.11E-08	1.32E-02	4.16E-06	1.21E-06	3.01E-04	9.51E-08	2.77E-08
5973	483113.17, 3856106.02	1.30E-02	4.11E-06	1.20E-06	5.90E-04	1.86E-07	5.42E-08	1.31E-02	4.15E-06	1.21E-06	6.83E-04	2.16E-07	6.27E-08	1.34E-02	4.23E-06	1.23E-06	3.09E-04	9.76E-08	2.84E-08
5974	483112.15, 3856013.52	1.38E-02	4.37E-06	1.27E-06	5.98E-04	1.89E-07	5.49E-08	1.40E-02	4.40E-06	1.28E-06	6.92E-04	2.18E-07	6.35E-08	1.42E-02	4.50E-06	1.31E-06	3.13E-04	9.89E-08	2.88E-08
5975	483029.25, 3855920.47	1.26E-02	3.97E-06	1.16E-06	5.72E-04	1.81E-07	5.25E-08	1.27E-02	4.00E-06	1.16E-06	6.62E-04	2.09E-07	6.08E-08	1.29E-02	4.08E-06	1.19E-06	2.99E-04	9.45E-08	2.75E-08
5976	482947.37, 3855919.91	1.10E-02	3.48E-06	1.01E-06	5.43E-04	1.71E-07	4.99E-08	1.11E-02	3.51E-06	1.02E-06	6.28E-04	1.98E-07	5.77E-08	1.13E-02	3.57E-06	1.04E-06	2.84E-04	8.96E-08	2.61E-08
5977	482865.49, 3855919.36	9.96E-03	3.14E-06	9.14E-07	5.15E-04	1.63E-07	4.73E-08	1.00E-02	3.17E-06	9.22E-07	5.96E-04	1.88E-07	5.47E-08	1.02E-02	3.22E-06	9.35E-07	2.69E-04	8.50E-08	2.47E-08
5978	482783.61, 3855918.8	8.90E-03	2.81E-06	8.17E-07	4.92E-04	1.55E-07	4.52E-08	8.98E-03	2.83E-06	8.25E-07	5.70E-04	1.80E-07	5.23E-08	9.08E-03	2.87E-06	8.34E-07	2.57E-04	8.12E-08	2.36E-08
5979	482700.33, 3855818.39	8.56E-03	2.70E-06	7.86E-07	4.68E-04	1.48E-07	4.30E-08	8.64E-03	2.73E-06	7.93E-07	5.42E-04	1.71E-07	4.97E-08	8.74E-03	2.76E-06	8.03E-07	2.45E-04	7.72E-08	2.25E-08
5980	482698.92, 3855718.54	9.07E-03	2.86E-06	8.33E-07	4.68E-04	1.48E-07	4.30E-08	9.15E-03	2.89E-06	8.40E-07	5.42E-04	1.71E-07	4.97E-08	9.29E-03	2.93E-06	8.53E-07	2.45E-04	7.72E-08	2.25E-08
5981	482697.52, 3855618.68	9.78E-03	3.09E-06	8.98E-07	4.65E-04	1.47E-07	4.27E-08	9.86E-03	3.11E-06	9.06E-07	5.39E-04	1.70E-07	4.94E-08	1.00E-02	3.17E-06	9.22E-07	2.43E-04	7.67E-08	2.23E-08
5982	482696.11, 3855518.83	9.51E-03	3.00E-06	8.73E-07	4.65E-04	1.47E-07	4.27E-08	9.59E-03	3.03E-06	8.80E-07	5.38E-04	1.70E-07	4.94E-08	9.75E-03	3.08E-06	8.95E-07	2.43E-04	7.66E-08	2.23E-08
5983	482694.71, 3855418.98	9.29E-03	2.93E-06	8.53E-07	4.58E-04	1.45E-07	4.20E-08	9.37E-03	2.96E-06	8.60E-07	5.30E-04	1.67E-07	4.87E-08	9.52E-03	3.01E-06	8.74E-07	2.39E-04	7.55E-08	2.20E-08
5984	482693.3, 3855319.13	8.76E-03	2.77E-06	8.04E-07	4.49E-04	1.42E-07	4.12E-08	8.84E-03	2.79E-06	8.12E-07	5.20E-04	1.64E-07	4.77E-08	8.97E-03	2.83E-06	8.24E-07	2.34E-04	7.40E-08	2.15E-08
5985	482691.9, 3855219.27	7.81E-03	2.46E-06	7.17E-07	4.41E-04	1.39E-07	4.05E-08	7.88E-03	2.49E-06	7.24E-07	5.10E-04	1.61E-07	4.69E-08	7.97E-03	2.51E-06	7.32E-07	2.30E-04	7.27E-08	2.12E-08
5986	482690.49, 3855119.42	7.25E-03	2.29E-06	6.66E-07	4.30E-04	1.36E-07	3.94E-08	7.33E-03	2.31E-06	6.73E-07	4.97E-04	1.57E-07	4.56E-08	7.39E-03	2.33E-06	6.78E-07	2.25E-04	7.10E-08	2.06E-08
5987	482689.09, 3855019.57	6.05E-03	1.91E-06	5.56E-07	4.21E-04	1.33E-07	3.86E-08	6.12E-03	1.93E-06	5.62E-07	4.87E-04	1.54E-07	4.47E-08	6.12E-03	1.93E-06	5.62E-07	2.21E-04	6.96E-08	2.02E-08
5988	482687.68, 3854919.72	4.72E-03	1.49E-06	4.33E-07	4.06E-04	1.28E-07	3.72E-08	4.79E-03	1.51E-06	4.40E-07	4.69E-04	1.48E-07	4.31E-08	4.73E-03	1.49E-06	4.34E-07	2.13E-04	6.71E-08	1.95E-08
5989	482686.28, 3854819.86	3.53E-03	1.11E-06	3.24E-07	3.89E-04	1.23E-07	3.57E-08	3.59E-03	1.13E-06	3.30E-07	4.50E-04	1.42E-07	4.13E-08	3.48E-03	1.10E-06	3.19E-07	2.04E-04	6.44E-08	1.87E-08
5990	482684.88, 3854720.01	2.90E-03	9.16E-07	2.67E-07	3.67E-04	1.16E-07	3.37E-08	2.97E-03	9.36E-07	2.72E-07	4.25E-04	1.34E-07	3.90E-08	2.84E-03	8.95E-07	2.60E-07	1.92E-04	6.06E-08	1.76E-08
5991	482683.47, 3854620.16	2.43E-03	7.66E-07	2.23E-07	3.47E-04	1.09E-07	3.18E-08	2.49E-03	7.85E-07	2.28E-07	4.01E-04	1.27E-07	3.68E-08	2.35E-03	7.40E-07	2.15E-07	1.81E-04	5.72E-08	1.66E-08
5992	482682.07, 3854520.31	2.14E-03	6.75E-07	1.96E-07	3.26E-04	1.03E-07	2.99E-08	2.19E-03	6.93E-07	2.01E-07	3.77E-04	1.19E-07	3.47E-08	2.05E-03	6.48E-07	1.89E-07	1.70E-04	5.38E-08	1.56E-08
5993	482680.66, 3854420.45	1.93E-03	6.10E-07	1.77E-07	3.09E-04	9.74E-08	2.83E-08	1.99E-03	6.27E-07	1.82E-07	3.57E-04	1.13E-07	3.28E-08	1.85E-03	5.83E-07	1.70E-07	1.61E-04	5.09E-08	1.48E-08
5994	482679.26, 3854320.6	1.78E-03	5.60E-07	1.63E-07	2.94E-04	9.28E-08	2.70E-08	1.83E-03	5.76E-07	1.68E-07	3.40E-04	1.07E-07	3.12E-08	1.69E-03	5.34E-07	1.55E-07	1.53E-04	4.84E-08	1.41E-08
5995	482677.85, 3854220.75	1.60E-03	5.06E-07	1.47E-07	2.84E-04	8.95E-08	2.60E-08	1.65E-03	5.21E-07	1.52E-07	3.28E-04	1.04E-07	3.01E-08	1.51E-03	4.78E-07	1.39E-07	1.48E-04	4.67E-08	1.36E-08
5996	482676.45, 3854120.9	1.52E-03	4.81E-07	1.40E-07	2.67E-04	8.43E-08	2.45E-08	1.57E-03	4.95E-07	1.44E-07	3.09E-04	9.76E-08	2.84E-08	1.44E-03	4.55E-07	1.32E-07	1.39E-04	4.40E-08	1.28E-08
5997	482675.04, 3854021.04	1.43E-03	4.53E-07	1.32E-07	2.50E-04	7.88E-08	2.29E-08	1.48E-03	4.66E-07	1.36E-07	2.89E-04	9.12E-08	2.65E-08	1.36E-03	4.29E-07	1.25E-07	1.30E-04	4.11E-08	1.20E-08
5998	482673.64, 3853921.19	1.35E-03	4.27E-07	1.24E-07	2.30E-04	7.27E-08	2.11E-08	1.39E-03	4.39E-07	1.28E-07	2.67E-04	8.41E-08	2.45E-08	1.28E-03	4.05E-07	1.18E-07	1.20E-04	3.79E-08	1.10E-08
5999	482672.23, 3853821.34	1.26E-03	3.98E-07	1.16E-07	2.12E-04	6.71E-08	1.95E-08	1.30E-03	4.09E-07	1.19E-07	2.46E-04	7.76E-08	2.26E-08	1.20E-03	3.78E-07	1.10E-07	1.11E-04	3.50E-08	1.02E-08
6000	482670.83, 3853721.49	1.18E-03	3.72E-07	1.08E-07	1.96E-04	6.19E-08	1.80E-08	1.21E-03	3.83E-07	1.11E-07	2.27E-04	7.17E-08	2.08E-08	1.12E-03	3.54E-07	1.03E-07	1.02E-04	3.23E-08	9.40E-09
6001	482669.42, 3853621.63	1.11E-03	3.51E-07	1.02E-07	1.83E-04	5.78E-08	1.68E-08	1.14E-03	3.61E-07	1.05E-07	2.12E-04	6.69E-08	1.95E-08	1.06E-03	3.35E-07	9.74E-08	9.56E-05	3.02E-08	8.78E-09
6002	482645.99, 3853446.13	1.02E-03	3.21E-07	9.34E-08	1.72E-04	5.41E-08	1.57E-08	1.05E-03	3.30E-07	9.61E-08	1.99E-04	6.27E-08	1.82E-08	9.67E-04	3.05E-07	8.88E-08	8.96E-05	2.83E-08	8.22E-09

6003	482623.97, 3853370.49	9.84E-04	3.11E-07	9.04E-08	1.69E-04	5.34E-08	1.55E-08	1.01E-03	3.20E-07	9.30E-08	1.96E-04	6.18E-08	1.80E-08	9.33E-04	2.95E-07	8.57E-08	8.84E-05	2.79E-08	8.11E-09
6004	482601.94, 3853294.84	9.54E-04	3.01E-07	8.76E-08	1.68E-04	5.32E-08	1.55E-08	9.83E-04	3.10E-07	9.02E-08	1.95E-04	6.15E-08	1.79E-08	9.02E-04	2.85E-07	8.28E-08	8.79E-05	2.78E-08	8.07E-09
6005	482531.29, 3853133.44	8.91E-04	2.81E-07	8.18E-08	1.66E-04	5.24E-08	1.52E-08	9.19E-04	2.90E-07	8.44E-08	1.92E-04	6.07E-08	1.76E-08	8.37E-04	2.64E-07	7.68E-08	8.67E-05	2.74E-08	7.96E-09
6006	482482.68, 3853047.69	8.57E-04	2.70E-07	7.86E-08	1.64E-04	5.18E-08	1.51E-08	8.85E-04	2.79E-07	8.12E-08	1.90E-04	5.99E-08	1.74E-08	8.02E-04	2.53E-07	7.36E-08	8.56E-05	2.70E-08	7.86E-09
6007	482383.09, 3852897.4	8.06E-04	2.54E-07	7.40E-08	1.58E-04	4.97E-08	1.45E-08	8.33E-04	2.63E-07	7.65E-08	1.82E-04	5.75E-08	1.67E-08	7.53E-04	2.38E-07	6.91E-08	8.22E-05	2.59E-08	7.55E-09
6008	482265.64, 3852765.26	7.63E-04	2.41E-07	7.00E-08	1.49E-04	4.71E-08	1.37E-08	7.88E-04	2.49E-07	7.24E-08	1.73E-04	5.45E-08	1.58E-08	7.12E-04	2.25E-07	6.54E-08	7.78E-05	2.46E-08	7.14E-09
6009	482199.16, 3852697.66	7.42E-04	2.34E-07	6.81E-08	1.45E-04	4.56E-08	1.33E-08	7.66E-04	2.42E-07	7.04E-08	1.67E-04	5.28E-08	1.54E-08	6.92E-04	2.19E-07	6.36E-08	7.55E-05	2.38E-08	6.93E-09
6010	482132.69, 3852630.07	7.21E-04	2.28E-07	6.62E-08	1.40E-04	4.43E-08	1.29E-08	7.45E-04	2.35E-07	6.84E-08	1.63E-04	5.13E-08	1.49E-08	6.73E-04	2.13E-07	6.18E-08	7.33E-05	2.31E-08	6.73E-09
6011	482066.21, 3852562.48	7.02E-04	2.22E-07	6.45E-08	1.36E-04	4.31E-08	1.25E-08	7.26E-04	2.29E-07	6.66E-08	1.58E-04	4.99E-08	1.45E-08	6.56E-04	2.07E-07	6.02E-08	7.12E-05	2.25E-08	6.54E-09
6012	481999.74, 3852494.89	6.86E-04	2.16E-07	6.29E-08	1.33E-04	4.18E-08	1.22E-08	7.08E-04	2.24E-07	6.50E-08	1.53E-04	4.84E-08	1.41E-08	6.41E-04	2.02E-07	5.89E-08	6.92E-05	2.18E-08	6.35E-09
6013	481933.26, 3852427.29	6.71E-04	2.12E-07	6.16E-08	1.29E-04	4.06E-08	1.18E-08	6.93E-04	2.19E-07	6.36E-08	1.49E-04	4.71E-08	1.37E-08	6.27E-04	1.98E-07	5.76E-08	6.72E-05	2.12E-08	6.17E-09
6014	481866.79, 3852359.7	6.55E-04	2.07E-07	6.01E-08	1.25E-04	3.96E-08	1.15E-08	6.76E-04	2.13E-07	6.21E-08	1.45E-04	4.58E-08	1.33E-08	6.13E-04	1.93E-07	5.63E-08	6.55E-05	2.07E-08	6.01E-09
6015	481800.31, 3852292.11	6.39E-04	2.02E-07	5.87E-08	1.22E-04	3.86E-08	1.12E-08	6.60E-04	2.08E-07	6.06E-08	1.42E-04	4.47E-08	1.30E-08	5.99E-04	1.89E-07	5.49E-08	6.38E-05	2.01E-08	5.86E-09
6016	481733.84, 3852224.52	6.26E-04	1.98E-07	5.75E-08	1.19E-04	3.76E-08	1.09E-08	6.46E-04	2.04E-07	5.93E-08	1.38E-04	4.35E-08	1.27E-08	5.86E-04	1.85E-07	5.38E-08	6.22E-05	1.96E-08	5.71E-09
6017	481667.36, 3852156.92	6.12E-04	1.93E-07	5.61E-08	1.16E-04	3.67E-08	1.07E-08	6.32E-04	1.99E-07	5.80E-08	1.35E-04	4.25E-08	1.24E-08	5.73E-04	1.81E-07	5.26E-08	6.07E-05	1.92E-08	5.57E-09
6018	481600.89, 3852089.33	6.02E-04	1.90E-07	5.53E-08	1.13E-04	3.57E-08	1.04E-08	6.22E-04	1.96E-07	5.71E-08	1.31E-04	4.14E-08	1.20E-08	5.65E-04	1.78E-07	5.18E-08	5.91E-05	1.87E-08	5.43E-09
6019	481534.41, 3852021.74	5.94E-04	1.88E-07	5.46E-08	1.10E-04	3.48E-08	1.01E-08	6.13E-04	1.94E-07	5.63E-08	1.28E-04	4.03E-08	1.17E-08	5.58E-04	1.76E-07	5.13E-08	5.76E-05	1.82E-08	5.28E-09
6020	481467.94, 3851954.15	5.86E-04	1.85E-07	5.38E-08	1.07E-04	3.39E-08	9.87E-09	6.04E-04	1.91E-07	5.55E-08	1.24E-04	3.93E-08	1.14E-08	5.51E-04	1.74E-07	5.06E-08	5.61E-05	1.77E-08	5.15E-09
6021	481401.46, 3851886.55	5.75E-04	1.82E-07	5.28E-08	1.05E-04	3.31E-08	9.63E-09	5.93E-04	1.87E-07	5.45E-08	1.21E-04	3.83E-08	1.11E-08	5.42E-04	1.71E-07	4.97E-08	5.48E-05	1.73E-08	5.03E-09
6022	481265.87, 3851761.43	5.60E-04	1.77E-07	5.14E-08	9.96E-05	3.14E-08	9.15E-09	5.77E-04	1.82E-07	5.30E-08	1.15E-04	3.64E-08	1.06E-08	5.29E-04	1.67E-07	4.86E-08	5.20E-05	1.64E-08	4.78E-09
6023	481196.74, 3851703.89	5.52E-04	1.74E-07	5.07E-08	9.70E-05	3.06E-08	8.91E-09	5.69E-04	1.79E-07	5.22E-08	1.12E-04	3.54E-08	1.03E-08	5.22E-04	1.65E-07	4.79E-08	5.07E-05	1.60E-08	4.65E-09
6024	481076.33, 3851619.05	5.40E-04	1.71E-07	4.96E-08	9.24E-05	2.92E-08	8.48E-09	5.56E-04	1.76E-07	5.11E-08	1.07E-04	3.38E-08	9.82E-09	5.12E-04	1.62E-07	4.70E-08	4.83E-05	1.52E-08	4.43E-09
6025	480939.8, 3851549.07	5.27E-04	1.66E-07	4.84E-08	8.69E-05	2.74E-08	7.97E-09	5.42E-04	1.71E-07	4.97E-08	1.01E-04	3.17E-08	9.23E-09	5.01E-04	1.58E-07	4.60E-08	4.54E-05	1.43E-08	4.17E-09
6026	480854.56, 3851506.41	5.18E-04	1.64E-07	4.76E-08	8.34E-05	2.63E-08	7.66E-09	5.32E-04	1.68E-07	4.89E-08	9.66E-05	3.05E-08	8.87E-09	4.95E-04	1.56E-07	4.54E-08	4.36E-05	1.38E-08	4.00E-09
6027	480769.32, 3851463.75	5.09E-04	1.61E-07	4.67E-08	8.02E-05	2.53E-08	7.36E-09	5.22E-04	1.65E-07	4.80E-08	9.28E-05	2.93E-08	8.52E-09	4.87E-04	1.54E-07	4.47E-08	4.19E-05	1.32E-08	3.85E-09
6028	480684.08, 3851421.08	5.00E-04	1.58E-07	4.59E-08	7.70E-05	2.43E-08	7.07E-09	5.13E-04	1.62E-07	4.71E-08	8.91E-05	2.81E-08	8.18E-09	4.79E-04	1.51E-07	4.40E-08	4.03E-05	1.27E-08	3.70E-09
6029	480598.84, 3851378.42	4.93E-04	1.56E-07	4.53E-08	7.40E-05	2.34E-08	6.79E-09	5.06E-04	1.60E-07	4.65E-08	8.57E-05	2.70E-08	7.86E-09	4.74E-04	1.50E-07	4.35E-08	3.87E-05	1.22E-08	3.55E-09
6030	480435.71, 3851275.01	4.78E-04	1.51E-07	4.39E-08	6.92E-05	2.18E-08	6.35E-09	4.90E-04	1.55E-07	4.50E-08	8.01E-05	2.53E-08	7.35E-09	4.61E-04	1.46E-07	4.23E-08	3.62E-05	1.14E-08	3.32E-09
6031	480347.85, 3851232.36	4.72E-04	1.49E-07	4.34E-08	6.65E-05	2.10E-08	6.11E-09	4.84E-04	1.53E-07	4.44E-08	7.70E-05	2.43E-08	7.07E-09	4.57E-04	1.44E-07	4.19E-08	3.48E-05	1.10E-08	3.20E-09
6032	480260, 3851189.72	4.67E-04	1.47E-07	4.28E-08	6.41E-05	2.02E-08	5.88E-09	4.78E-04	1.51E-07	4.39E-08	7.41E-05	2.34E-08	6.81E-09	4.52E-04	1.43E-07	4.15E-08	3.35E-05	1.06E-08	3.08E-09
6033	480172.15, 3851147.07	4.61E-04	1.45E-07	4.23E-08	6.18E-05	1.95E-08	5.68E-09	4.71E-04	1.49E-07	4.33E-08	7.15E-05	2.26E-08	6.57E-09	4.47E-04	1.41E-07	4.11E-08	3.24E-05	1.02E-08	2.97E-09
6034	480084.29, 3851104.42	4.54E-04	1.43E-07	4.17E-08	5.97E-05	1.89E-08	5.48E-09	4.65E-04	1.47E-07	4.27E-08	6.91E-05	2.18E-08	6.34E-09	4.42E-04	1.40E-07	4.06E-08	3.13E-05	9.87E-09	2.87E-09
6035	479996.44, 3851061.77	4.48E-04	1.41E-07	4.11E-08	5.78E-05	1.83E-08	5.31E-09	4.58E-04	1.44E-07	4.20E-08	6.69E-05	2.11E-08	6.14E-09	4.36E-04	1.38E-07	4.00E-08	3.03E-05	9.56E-09	2.78E-09
6036	479908.58, 3851019.13	4.35E-04	1.37E-07	3.99E-08	5.61E-05	1.77E-08	5.15E-09	4.44E-04	1.40E-07	4.08E-08	6.49E-05	2.05E-08	5.96E-09	4.23E-04	1.34E-07	3.89E-08	2.94E-05	9.27E-09	2.70E-09
6037	479820.73, 3850976.48	4.29E-04	1.35E-07	3.94E-08	5.45E-05	1.72E-08	5.00E-09	4.38E-04	1.38E-07	4.03E-08	6.30E-05	1.99E-08	5.79E-09	4.19E-04	1.32E-07	3.84E-08	2.85E-05	9.01E-09	2.62E-09
6038	479732.88, 3850933.83	4.25E-04	1.34E-07	3.90E-08	5.31E-05	1.67E-08	4.87E-09	4.34E-04	1.37E-07	3.98E-08	6.14E-05	1.94E-08	5.64E-09	4.15E-04	1.31E-07	3.81E-08	2.78E-05	8.77E-09	2.55E-09
6039	479645.02, 3850891.18	4.21E-04	1.33E-07	3.87E-08	5.18E-05	1.63E-08	4.75E-09	4.30E-04	1.36E-07	3.95E-08	5.99E-05	1.89E-08	5.50E-09	4.12E-04	1.30E-07	3.78E-08	2.71E-05	8.56E-09	2.49E-09
6040	479557.17, 3850848.54	4.19E-04	1.32E-07	3.85E-08	5.06E-05	1.60E-08	4.64E-09	4.28E-04	1.35E-07	3.93E-08	5.85E-05	1.85E-08	5.37E-09	4.10E-04	1.29E-07	3.77E-08	2.65E-05	8.37E-09	2.43E-09
6041	479469.32, 3850805.89	4.13E-04	1.30E-07	3.79E-08	4.95E-05	1.56E-08	4.55E-09	4.21E-04	1.33E-07	3.87E-08	5.73E-05	1.81E-08	5.26E-09	4.04E-04	1.28E-07	3.71E-08	2.60E-05	8.19E-09	2.38E-09
6042	479381.46, 3850763.24	4.13E-04	1.30E-07	3.79E-08	4.86E-05	1.53E-08	4.46E-09	4.21E-04	1.33E-07	3.87E-08	5.62E-05	1.77E-08	5.16E-09	4.05E-04	1.28E-07	3.72E-08	2.55E-05	8.04E-09	2.34E-09
6043	479293.61, 3850720.59	4.16E-04	1.31E-07	3.82E-08	4.77E-05	1.51E-08	4.38E-09	4.24E-04	1.34E-07	3.89E-08	5.52E-05	1.74E-08	5.07E-09	4.09E-04	1.29E-07	3.75E-08	2.50E-05	7.90E-09	2.30E-09
6044	479205.76, 3850677.95	4.17E-04	1.32E-07	3.83E-08	4.70E-05	1.48E-08	4.32E-09	4.25E-04	1.34E-07	3.90E-08	5.44E-05	1.72E-08	4.99E-09	4.10E-04	1.30E-07	3.77E-08	2.46E-05	7.78E-09	2.26E-09
6045	479117.9, 3850635.3	4.20E-04	1.32E-07	3.85E-08	4.63E-05	1.46E-08	4.25E-09	4.28E-04	1.35E-07	3.93E-08	5.36E-05	1.69E-08	4.92E-09	4.14E-04	1.31E-07	3.80E-08	2.43E-05	7.66E-09	2.23E-09
6046	479030.05, 3850592.65	4.20E-04	1.32E-07	3.85E-08	4.56E-05	1.44E-08	4.19E-09	4.27E-04	1.35E-07	3.92E-08	5.28E-05	1.67E-08	4.85E-09	4.14E-04	1.31E-07	3.80E-08	2.39E-05	7.55E-09	2.20E-09
6047	478942.19, 3850550	4.13E-04	1.30E-07	3.79E-08	4.50E-05	1.42E-08	4.14E-09	4.21E-04	1.33E-07	3.86E-08	5.21E-05	1.64E-08	4.78E-09	4.08E-04	1.29E-07	3.74E-08	2.36E-05	7.45E-09	2.17E-09
6048	478854.34, 3850507.36	3.96E-04	1.25E-07	3.64E-08	4.39E-05	1.39E-08	4.03E-09	4.03E-04	1.27E-07	3.70E-08	5.08E-05	1.60E-08	4.66E-09	3.90E-04	1.23E-07	3.58E-08	2.30E-05	7.27E-09	2.11E-09
6049	478766.49, 3850464.71	3.88E-04	1.23E-07	3.56E-08	4.32E-05	1.36E-08	3.97E-09	3.96E-04	1.25E-07	3.63E-08	5.00E-05	1.58E-08	4.59E-09	3.82E-04	1.21E-07	3.51E-08	2.27E-05	7.15E-09	2.08E-09
6050	478678.63, 3850422.06	3.83E-04	1.21E-07	3.52E-08	4.27E-05	1.35E-08	3.92E-09	3.90E-04	1.23E-07	3.58E-08	4.94E-05	1.56E-08	4.53E-09	3.77E-04	1.19E-07	3.46E-08	2.24E-05	7.07E-09	2.06E-09
6051	478590.78, 3850379.41	3.76E-04	1.19E-07	3.46E-08	4.22E-05	1.33E-08	3.87E-09	3.84E-04	1.21E-07	3.52E-08	4.88E-05	1.54E-08	4.48E-09	3.70E-04	1.17E-07	3.40E-08	2.21E-05	6.99E-09	2.03E-09
6052	478502.93, 3850336.77	3.72E-04	1.17E-07	3.42E-08	4.18E-05	1.32E-08	3.84E-09	3.79E-04	1.20E-07	3.48E-08	4.83E-05	1.53E-08	4.44E-09	3.66E-04	1.16E-07	3.36E-08	2.19E-05	6.92E-09	2.01E-09
6053	478415.07, 3850294.12	3.69E-04	1.17E-07	3.39E-08	4.15E-05	1.31E-08	3.81E-09	3.76E-04	1.19E-07	3.46E-08	4.80E-05	1.51E-08	4.40E-09	3.63E-04	1.15E-07	3.34E-08	2.17E-05	6.86E-09	2.00E-09
6054	478327.22, 3850251.47	3.62E-04	1.14E-07	3.32E-08	4.11E-05	1.30E-08	3.77E-09	3.69E-04	1.16E-07	3.39E-08	4.75E-05	1.50E-08	4.36E-09	3.56E-04	1.12E-07	3.27E-08	2.15E-05	6.80E-09	1.98E-09
6055	478239.36, 3850208.82	3.56E-04	1.12E-07	3.27E-08	4.06E-05	1.28E-08	3.73E-09	3.63E-04	1.15E-07	3.33E-08	4.70E-05	1.48E-08	4.32E-09	3.50E-04	1.10E-07	3.21E-08	2.13E-05	6.73E-09	1.96E-09
6056	478151.51, 3850166.18	3.51E-04	1.11E-07	3.22E-08	4.03E-05	1.27E-08	3.70E-09	3.58E-04	1.13E-07	3.28E-08	4.66E-05	1.47E-08	4.28E-09	3.45E-04	1.09E-07	3.16E-08	2.11E-05	6.67E-09	1.94E-09
6057	478063.66, 3850123.53	3.46E-04	1.09E-07	3.18E-08	4.00E-05	1.26E-08	3.67E-09	3.53E-04	1.11E-07	3.24E-08	4.62E-05	1.46E-08	4.25E-09	3.40E-04	1.07E-07	3.12E-08	2.10E-05	6.62E-09	1.93E-09
6058	477975.8, 3850080.88	3.55E-04	1.12E-07	3.26E-08	3.99E-05	1.26E-08	3.66E-09	3.62E-04	1.14E-07	3.32E-08	4.61E-05	1.46E-08	4.23E-09	3.50E-04	1.10E-07	3.21E-08	2.09E-05	6.60E-09	1.92E-09
6059	477887.95, 3850038.23	3.54E-04	1.12E-07	3.25E-08	3.96E-05	1.25E-08	3.64E-09	3.60E-04	1.14E-07	3.31E-08	4.58E-05	1.45E-08	4.21E-09	3.48E-04	1.10E-07	3.19E-08	2.08E-05	6.56E-09	1.91E-09
6060	477800.1, 3849995.59	3.53E-04	1.11E-07	3.24E-08	3.93E-05	1.24E-08	3.61E-09	3.60E-04	1.14E-07	3.30E-08	4.55E-05	1.44E-08	4.18E-09	3.48E-04	1.10E-07	3.19E-08	2.06E-05	6.51E-09	1.89E-09
6061	477712.24, 3849952.94	3.48E-04	1.10E-07	3.20E-08	3.90E-05	1.23E-08	3.58E-09	3.55E-04	1.12E-07	3.26E-08	4.51E-05	1.42E-08	4.14E-09	3.43E-04	1.08E-07	3.15E-08	2.05E-05	6.46E-09	1.88E-09
6062	477624.39, 3849910.29	3.43E-04	1.08E-07	3.15E-08	3.87E-05	1.22E-08	3.55E-09	3.50E-04	1.10E-07	3.21E-08	4.47E-05	1.41E-08	4.11E-09	3.38E-04	1.07E-07	3.10E-08	2.03E-05	6.40E-09	1.86E-09
6063	477536.54, 3849867.64	3.39E-04	1.07E-07	3.11E-08	3.83E-05	1.21E-08	3.52E-09	3.46E-04	1.09E-07	3.17E-08	4.44E-05	1.40E-08	4.07E-09	3.34E-04	1.05E-07	3.06E-08	2.01E-05	6.35E-09	1.85E-09
6064	477448.68, 3849825	3.32E-04	1.05E-07	3.05E-08	3.80E-05	1.20E-08	3.49E-09	3.39E-04	1.07E-07	3.11E-08	4.39E-05	1.39E-08	4.03E-09	3.27E-04	1.03E-07	3.00E-08	1.99E-05	6.29E-09	1.83E-09
6065	477360.83, 3849782.35	3.26E-04	1.03E-07	2.99E-08	3.76E-05	1.19E-08	3.46E-09	3.32E-04	1.05E-07	3.05E-08	4.35E-05	1.37E-08	4.00E-09	3.20E-04	1.01E-07	2.94E-08	1.97E-05	6.23E-09	1.81E-09
6066	477272.97, 3849739.7	3.19E-04	1.01E-07	2.92E-08	3.73E-05	1.18E-08	3.42E-09	3.25E-04	1.03E-07	2.98E-08	4.31E-05	1.36E-08	3.96E-09	3.12E-04	9.86E-08	2.87E-08	1.96E-05	6.17E-09	1.80E-09
6067	477185.12, 3849697.05	3.13E-04	9.87E-08	2.87E-08	3.69E-05	1.17E-08	3.39E-09	3.19E-04	1.01E-07	2.93E-08	4.27E-05	1.35E-08	3.92E-09	3.06E-04	9.67E-08	2.81E-08	1.94E-05	6.12E-09	1.78E-09
6068	477097.27, 3849654.41	3.06E-04	9.64E-08	2.80E-08	3.66E-05	1.15E-08	3.36E-09	3.12E-04	9.84E-08	2.86E-08	4.23E-05	1.34E-08	3.88E-09	2.99E-04	9.44E-08	2.75E-08	1.92E-05	6.06E-09	1.76E-09

6069 477009.41, 3849611.76	2.95E-04	9.30E-08	2.70E-08	3.62E-05	1.14E-08	3.32E-09	3.01E-04	9.49E-08	2.76E-08	4.18E-05	1.32E-08	3.84E-09	2.88E-04	9.08E-08	2.64E-08	1.90E-05	5.99E-09	1.74E-09
6070 476841.49, 3849530.08	2.80E-04	8.85E-08	2.57E-08	3.55E-05	1.12E-08	3.26E-09	2.86E-04	9.04E-08	2.63E-08	4.10E-05	1.29E-08	3.77E-09	2.73E-04	8.63E-08	2.51E-08	1.86E-05	5.87E-09	1.71E-09
6071 476761.41, 3849491.05	2.75E-04	8.69E-08	2.53E-08	3.52E-05	1.11E-08	3.23E-09	2.81E-04	8.88E-08	2.58E-08	4.07E-05	1.28E-08	3.73E-09	2.68E-04	8.47E-08	2.46E-08	1.85E-05	5.82E-09	1.69E-09
6072 476681.34, 3849452.02	2.68E-04	8.47E-08	2.46E-08	3.48E-05	1.10E-08	3.20E-09	2.74E-04	8.66E-08	2.52E-08	4.03E-05	1.27E-08	3.70E-09	2.61E-04	8.24E-08	2.40E-08	1.83E-05	5.77E-09	1.68E-09
6073 476601.26, 3849412.99	2.61E-04	8.23E-08	2.39E-08	3.45E-05	1.09E-08	3.16E-09	2.67E-04	8.42E-08	2.45E-08	3.99E-05	1.26E-08	3.66E-09	2.53E-04	7.99E-08	2.33E-08	1.81E-05	5.71E-09	1.66E-09
6074 476456.32, 3849353.67	2.44E-04	7.72E-08	2.24E-08	3.39E-05	1.07E-08	3.11E-09	2.50E-04	7.90E-08	2.30E-08	3.92E-05	1.24E-08	3.60E-09	2.36E-04	7.46E-08	2.17E-08	1.78E-05	5.61E-09	1.63E-09
6075 476305.43, 3849318.84	2.39E-04	7.54E-08	2.19E-08	3.37E-05	1.06E-08	3.09E-09	2.45E-04	7.72E-08	2.24E-08	3.90E-05	1.23E-08	3.58E-09	2.31E-04	7.28E-08	2.12E-08	1.77E-05	5.58E-09	1.62E-09
6076 476129.36, 3849289.99	2.29E-04	7.23E-08	2.10E-08	3.35E-05	1.06E-08	3.08E-09	2.35E-04	7.41E-08	2.16E-08	3.87E-05	1.22E-08	3.56E-09	2.21E-04	6.96E-08	2.02E-08	1.76E-05	5.55E-09	1.61E-09
6077 476039.31, 3849275.68	2.25E-04	7.11E-08	2.07E-08	3.34E-05	1.05E-08	3.07E-09	2.31E-04	7.29E-08	2.12E-08	3.87E-05	1.22E-08	3.55E-09	2.16E-04	6.83E-08	1.99E-08	1.75E-05	5.54E-09	1.61E-09
6078 475949.26, 3849261.38	2.18E-04	6.87E-08	2.00E-08	3.32E-05	1.05E-08	3.05E-09	2.23E-04	7.05E-08	2.05E-08	3.84E-05	1.21E-08	3.53E-09	2.09E-04	6.58E-08	1.91E-08	1.74E-05	5.50E-09	1.60E-09
6079 475859.21, 3849247.08	2.14E-04	6.76E-08	1.97E-08	3.31E-05	1.04E-08	3.04E-09	2.20E-04	6.94E-08	2.02E-08	3.83E-05	1.21E-08	3.51E-09	2.05E-04	6.47E-08	1.88E-08	1.74E-05	5.48E-09	1.59E-09
6080 475769.16, 3849232.77	2.10E-04	6.62E-08	1.93E-08	3.29E-05	1.04E-08	3.02E-09	2.15E-04	6.80E-08	1.98E-08	3.81E-05	1.20E-08	3.50E-09	2.00E-04	6.33E-08	1.84E-08	1.73E-05	5.46E-09	1.59E-09
6081 475585.23, 3849219.27	1.78E-04	5.63E-08	1.64E-08	3.07E-05	9.68E-09	2.82E-09	1.84E-04	5.79E-08	1.68E-08	3.55E-05	1.12E-08	3.26E-09	1.69E-04	5.32E-08	1.55E-08	1.61E-05	5.08E-09	1.48E-09
6082 475444.5, 3849150.35	1.92E-04	6.06E-08	1.76E-08	3.17E-05	1.00E-08	2.91E-09	1.98E-04	6.23E-08	1.81E-08	3.67E-05	1.16E-08	3.36E-09	1.83E-04	5.76E-08	1.68E-08	1.66E-05	5.25E-09	1.53E-09
6083 475334.18, 3849118.71	1.94E-04	6.14E-08	1.79E-08	3.17E-05	1.00E-08	2.91E-09	2.00E-04	6.31E-08	1.84E-08	3.67E-05	1.16E-08	3.37E-09	1.85E-04	5.84E-08	1.70E-08	1.67E-05	5.26E-09	1.53E-09
6084 475230.47, 3849060.57	1.92E-04	6.07E-08	1.77E-08	3.13E-05	9.89E-09	2.88E-09	1.98E-04	6.24E-08	1.82E-08	3.62E-05	1.14E-08	3.33E-09	1.83E-04	5.78E-08	1.68E-08	1.64E-05	5.19E-09	1.51E-09
6085 475110.86, 3848960.97	1.88E-04	5.94E-08	1.73E-08	3.05E-05	9.64E-09	2.80E-09	1.93E-04	6.10E-08	1.77E-08	3.53E-05	1.11E-08	3.24E-09	1.79E-04	5.65E-08	1.64E-08	1.60E-05	5.06E-09	1.47E-09
6086 475037.79, 3848896.28	1.84E-04	5.80E-08	1.69E-08	3.00E-05	9.45E-09	2.75E-09	1.89E-04	5.96E-08	1.73E-08	3.46E-05	1.09E-08	3.18E-09	1.75E-04	5.52E-08	1.60E-08	1.57E-05	4.97E-09	1.44E-09
6087 474964.72, 3848831.59	1.80E-04	5.68E-08	1.65E-08	2.94E-05	9.27E-09	2.70E-09	1.85E-04	5.84E-08	1.70E-08	3.40E-05	1.07E-08	3.12E-09	1.71E-04	5.40E-08	1.57E-08	1.54E-05	4.87E-09	1.42E-09
6088 474891.65, 3848766.9	1.78E-04	5.60E-08	1.63E-08	2.89E-05	9.13E-09	2.65E-09	1.83E-04	5.76E-08	1.68E-08	3.34E-05	1.06E-08	3.07E-09	1.69E-04	5.33E-08	1.55E-08	1.52E-05	4.80E-09	1.39E-09
6089 474818.58, 3848702.22	1.76E-04	5.56E-08	1.62E-08	2.86E-05	9.01E-09	2.62E-09	1.81E-04	5.71E-08	1.66E-08	3.30E-05	1.04E-08	3.03E-09	1.68E-04	5.29E-08	1.54E-08	1.50E-05	4.73E-09	1.38E-09
6090 474745.51, 3848637.53	1.78E-04	5.62E-08	1.63E-08	2.85E-05	8.99E-09	2.61E-09	1.83E-04	5.77E-08	1.68E-08	3.29E-05	1.04E-08	3.02E-09	1.70E-04	5.36E-08	1.56E-08	1.50E-05	4.72E-09	1.37E-09
6091 474672.44, 3848572.84	1.78E-04	5.61E-08	1.63E-08	2.81E-05	8.88E-09	2.58E-09	1.82E-04	5.76E-08	1.67E-08	3.25E-05	1.03E-08	2.99E-09	1.69E-04	5.35E-08	1.56E-08	1.48E-05	4.67E-09	1.36E-09
6092 474599.37, 3848508.15	1.74E-04	5.49E-08	1.60E-08	2.77E-05	8.73E-09	2.54E-09	1.79E-04	5.64E-08	1.64E-08	3.20E-05	1.01E-08	2.94E-09	1.66E-04	5.24E-08	1.52E-08	1.45E-05	4.59E-09	1.33E-09
6093 474526.3, 3848443.46	1.72E-04	5.43E-08	1.58E-08	2.73E-05	8.61E-09	2.51E-09	1.77E-04	5.57E-08	1.62E-08	3.16E-05	9.96E-09	2.90E-09	1.64E-04	5.18E-08	1.51E-08	1.43E-05	4.53E-09	1.32E-09

CHE, Warehouse - Worker Risk

Rec#	X, Y	2028 Unmitigated			2028 Mitigated			2033 Unmitigated			2033 Mitigated			2048 Unmitigated			2048 Mitigated		
		Concentratic	Dose	Risk	Concentratic	Dose	Risk	Concentratic	Dose	Risk	Concentratic	Dose	Risk	Concentratic	Dose	Risk	Concentratic	Dose	Risk
1	485973.61, 3854936.51	3.21E-03	5.06E-07	1.76E-07	1.33E-03	2.09E-07	7.28E-08	3.44E-03	5.42E-07	1.89E-07	1.54E-03	2.42E-07	8.43E-08	2.57E-03	4.05E-07	1.41E-07	6.91E-04	1.09E-07	3.79E-08
2	486023.61, 3854936.51	3.16E-03	4.98E-07	1.73E-07	1.30E-03	2.04E-07	7.12E-08	3.38E-03	5.33E-07	1.86E-07	1.50E-03	2.37E-07	8.24E-08	2.53E-03	3.99E-07	1.39E-07	6.75E-04	1.06E-07	3.71E-08
3	486073.61, 3854936.51	3.13E-03	4.94E-07	1.72E-07	1.28E-03	2.02E-07	7.03E-08	3.35E-03	5.28E-07	1.84E-07	1.48E-03	2.34E-07	8.14E-08	2.51E-03	3.96E-07	1.38E-07	6.67E-04	1.05E-07	3.66E-08
4	486123.61, 3854936.51	3.05E-03	4.80E-07	1.67E-07	1.23E-03	1.94E-07	6.77E-08	3.26E-03	5.14E-07	1.79E-07	1.43E-03	2.25E-07	7.84E-08	2.45E-03	3.87E-07	1.35E-07	6.42E-04	1.01E-07	3.53E-08
5	486173.61, 3854936.51	3.06E-03	4.82E-07	1.68E-07	1.24E-03	1.95E-07	6.78E-08	3.27E-03	5.15E-07	1.79E-07	1.43E-03	2.25E-07	7.85E-08	2.46E-03	3.88E-07	1.35E-07	6.44E-04	1.01E-07	3.53E-08
6	486223.61, 3854936.51	3.01E-03	4.74E-07	1.65E-07	1.21E-03	1.90E-07	6.64E-08	3.22E-03	5.07E-07	1.77E-07	1.40E-03	2.21E-07	7.68E-08	2.43E-03	3.83E-07	1.33E-07	6.30E-04	9.92E-08	3.46E-08
7	486273.61, 3854936.51	2.98E-03	4.70E-07	1.64E-07	1.19E-03	1.88E-07	6.54E-08	3.19E-03	5.02E-07	1.75E-07	1.38E-03	2.17E-07	7.57E-08	2.41E-03	3.79E-07	1.32E-07	6.21E-04	9.78E-08	3.41E-08
8	486323.61, 3854936.51	2.96E-03	4.66E-07	1.62E-07	1.18E-03	1.85E-07	6.46E-08	3.16E-03	4.97E-07	1.73E-07	1.36E-03	2.15E-07	7.48E-08	2.39E-03	3.77E-07	1.31E-07	6.13E-04	9.66E-08	3.36E-08
9	485973.61, 3854986.51	3.61E-03	5.68E-07	1.98E-07	1.58E-03	2.49E-07	8.66E-08	3.88E-03	6.11E-07	2.13E-07	1.83E-03	2.88E-07	1.00E-07	2.83E-03	4.46E-07	1.55E-07	8.21E-04	1.29E-07	4.51E-08
10	486023.61, 3854986.51	3.55E-03	5.59E-07	1.95E-07	1.54E-03	2.43E-07	8.47E-08	3.82E-03	6.01E-07	2.09E-07	1.79E-03	2.82E-07	9.81E-08	2.79E-03	4.40E-07	1.53E-07	8.04E-04	1.27E-07	4.41E-08
11	486073.61, 3854986.51	3.48E-03	5.48E-07	1.91E-07	1.50E-03	2.36E-07	8.23E-08	3.74E-03	5.89E-07	2.05E-07	1.74E-03	2.74E-07	9.53E-08	2.75E-03	4.33E-07	1.51E-07	7.81E-04	1.23E-07	4.29E-08
12	486123.61, 3854986.51	3.42E-03	5.38E-07	1.87E-07	1.46E-03	2.30E-07	8.01E-08	3.67E-03	5.78E-07	2.01E-07	1.69E-03	2.66E-07	9.28E-08	2.70E-03	4.26E-07	1.48E-07	7.60E-04	1.20E-07	4.17E-08
13	486173.61, 3854986.51	3.39E-03	5.34E-07	1.86E-07	1.44E-03	2.27E-07	7.91E-08	3.64E-03	5.73E-07	2.00E-07	1.67E-03	2.63E-07	9.16E-08	2.69E-03	4.23E-07	1.47E-07	7.51E-04	1.18E-07	4.12E-08
14	486223.61, 3854986.51	3.33E-03	5.24E-07	1.83E-07	1.40E-03	2.21E-07	7.69E-08	3.57E-03	5.62E-07	1.96E-07	1.62E-03	2.56E-07	8.91E-08	2.64E-03	4.16E-07	1.45E-07	7.30E-04	1.15E-07	4.01E-08
15	486273.61, 3854986.51	3.26E-03	5.13E-07	1.79E-07	1.36E-03	2.14E-07	7.46E-08	3.49E-03	5.50E-07	1.92E-07	1.57E-03	2.48E-07	8.63E-08	2.60E-03	4.09E-07	1.42E-07	7.08E-04	1.11E-07	3.88E-08
16	486323.61, 3854986.51	3.27E-03	5.15E-07	1.79E-07	1.36E-03	2.14E-07	7.47E-08	3.50E-03	5.51E-07	1.92E-07	1.58E-03	2.48E-07	8.65E-08	2.60E-03	4.10E-07	1.43E-07	7.09E-04	1.12E-07	3.89E-08
17	485973.61, 3855036.51	4.06E-03	6.40E-07	2.23E-07	1.87E-03	2.95E-07	1.03E-07	4.39E-03	6.91E-07	2.41E-07	2.17E-03	3.42E-07	1.19E-07	3.13E-03	4.93E-07	1.72E-07	9.76E-04	1.54E-07	5.35E-08
18	486023.61, 3855036.51	3.97E-03	6.26E-07	2.18E-07	1.82E-03	2.86E-07	9.97E-08	4.29E-03	6.75E-07	2.35E-07	2.10E-03	3.31E-07	1.15E-07	3.07E-03	4.84E-07	1.69E-07	9.45E-04	1.49E-07	5.19E-08
19	486073.61, 3855036.51	3.86E-03	6.08E-07	2.12E-07	1.74E-03	2.75E-07	9.57E-08	4.16E-03	6.56E-07	2.28E-07	2.02E-03	3.18E-07	1.11E-07	3.00E-03	4.72E-07	1.65E-07	9.08E-04	1.43E-07	4.98E-08
20	486123.61, 3855036.51	3.78E-03	5.96E-07	2.08E-07	1.69E-03	2.67E-07	9.29E-08	4.07E-03	6.42E-07	2.24E-07	1.96E-03	3.09E-07	1.08E-07	2.95E-03	4.64E-07	1.62E-07	8.81E-04	1.39E-07	4.84E-08
21	486173.61, 3855036.51	3.75E-03	5.90E-07	2.06E-07	1.67E-03	2.63E-07	9.15E-08	4.03E-03	6.36E-07	2.21E-07	1.93E-03	3.04E-07	1.06E-07	2.93E-03	4.61E-07	1.61E-07	8.68E-04	1.37E-07	4.76E-08
22	486223.61, 3855036.51	3.65E-03	5.75E-07	2.00E-07	1.60E-03	2.53E-07	8.80E-08	3.93E-03	6.19E-07	2.16E-07	1.86E-03	2.93E-07	1.02E-07	2.86E-03	4.51E-07	1.57E-07	8.35E-04	1.32E-07	4.58E-08
23	486273.61, 3855036.51	3.63E-03	5.72E-07	1.99E-07	1.59E-03	2.50E-07	8.71E-08	3.90E-03	6.15E-07	2.14E-07	1.84E-03	2.89E-07	1.01E-07	2.85E-03	4.49E-07	1.56E-07	8.26E-04	1.30E-07	4.53E-08
24	486323.61, 3855036.51	3.56E-03	5.61E-07	1.96E-07	1.54E-03	2.43E-07	8.47E-08	3.83E-03	6.03E-07	2.10E-07	1.79E-03	2.82E-07	9.81E-08	2.81E-03	4.42E-07	1.54E-07	8.04E-04	1.27E-07	4.41E-08
25	485973.61, 3855086.51	4.55E-03	7.17E-07	2.50E-07	2.20E-03	3.46E-07	1.21E-07	4.93E-03	7.76E-07	2.70E-07	2.54E-03	4.01E-07	1.40E-07	3.45E-03	5.43E-07	1.89E-07	1.14E-03	1.80E-07	6.27E-08
26	486023.61, 3855086.51	4.46E-03	7.02E-07	2.45E-07	2.13E-03	3.36E-07	1.17E-07	4.82E-03	7.60E-07	2.65E-07	2.47E-03	3.89E-07	1.36E-07	3.39E-03	5.34E-07	1.86E-07	1.11E-03	1.75E-07	6.09E-08
27	486073.61, 3855086.51	4.31E-03	6.79E-07	2.36E-07	2.03E-03	3.20E-07	1.12E-07	4.66E-03	7.34E-07	2.56E-07	2.36E-03	3.71E-07	1.29E-07	3.29E-03	5.19E-07	1.81E-07	1.06E-03	1.67E-07	5.81E-08
28	486123.61, 3855086.51	4.23E-03	6.67E-07	2.32E-07	1.98E-03	3.12E-07	1.09E-07	4.57E-03	7.20E-07	2.51E-07	2.29E-03	3.61E-07	1.26E-07	3.24E-03	5.11E-07	1.78E-07	1.03E-03	1.62E-07	5.66E-08
29	486173.61, 3855086.51	4.12E-03	6.48E-07	2.26E-07	1.90E-03	3.00E-07	1.04E-07	4.44E-03	7.00E-07	2.44E-07	2.20E-03	3.47E-07	1.21E-07	3.17E-03	4.99E-07	1.74E-07	9.90E-04	1.56E-07	5.43E-08
30	486223.61, 3855086.51	4.05E-03	6.37E-07	2.22E-07	1.85E-03	2.92E-07	1.02E-07	4.37E-03	6.88E-07	2.40E-07	2.14E-03	3.38E-07	1.18E-07	3.13E-03	4.93E-07	1.72E-07	9.64E-04	1.52E-07	5.29E-08
31	485973.61, 3855136.51	5.12E-03	8.07E-07	2.81E-07	2.58E-03	4.06E-07	1.42E-07	5.57E-03	8.77E-07	3.05E-07	2.99E-03	4.71E-07	1.64E-07	3.81E-03	6.01E-07	2.09E-07	1.34E-03	2.11E-07	7.36E-08
32	486023.61, 3855136.51	4.97E-03	7.83E-07	2.73E-07	2.47E-03	3.89E-07	1.36E-07	5.39E-03	8.50E-07	2.96E-07	2.86E-03	4.51E-07	1.57E-07	3.72E-03	5.86E-07	2.04E-07	1.29E-03	2.03E-07	7.06E-08
33	486073.61, 3855136.51	4.82E-03	7.59E-07	2.64E-07	2.37E-03	3.73E-07	1.30E-07	5.23E-03	8.23E-07	2.87E-07	2.74E-03	4.32E-07	1.50E-07	3.62E-03	5.71E-07	1.99E-07	1.23E-03	1.94E-07	6.76E-08
34	486123.61, 3855136.51	4.69E-03	7.39E-07	2.58E-07	2.28E-03	3.59E-07	1.25E-07	5.09E-03	8.01E-07	2.79E-07	2.64E-03	4.16E-07	1.45E-07	3.55E-03	5.59E-07	1.95E-07	1.19E-03	1.87E-07	6.51E-08
35	486173.61, 3855136.51	4.56E-03	7.19E-07	2.50E-07	2.19E-03	3.45E-07	1.20E-07	4.94E-03	7.78E-07	2.71E-07	2.53E-03	3.99E-07	1.39E-07	3.47E-03	5.46E-07	1.90E-07	1.14E-03	1.79E-07	6.25E-08
36	486223.61, 3855136.51	4.46E-03	7.02E-07	2.45E-07	2.11E-03	3.33E-07	1.16E-07	4.82E-03	7.59E-07	2.64E-07	2.45E-03	3.85E-07	1.34E-07	3.40E-03	5.35E-07	1.87E-07	1.10E-03	1.73E-07	6.03E-08
37	485973.61, 3855186.51	5.74E-03	9.05E-07	3.15E-07	3.00E-03	4.73E-07	1.65E-07	6.26E-03	9.86E-07	3.44E-07	3.47E-03	5.47E-07	1.91E-07	4.21E-03	6.64E-07	2.31E-07	1.56E-03	2.46E-07	8.56E-08
38	486023.61, 3855186.51	5.56E-03	8.76E-07	3.05E-07	2.87E-03	4.52E-07	1.57E-07	6.06E-03	9.54E-07	3.32E-07	3.32E-03	5.23E-07	1.82E-07	4.10E-03	6.46E-07	2.25E-07	1.49E-03	2.35E-07	8.19E-08
39	486073.61, 3855186.51	5.35E-03	8.42E-07	2.93E-07	2.72E-03	4.28E-07	1.49E-07	5.81E-03	9.16E-07	3.19E-07	3.15E-03	4.95E-07	1.73E-07	3.97E-03	6.25E-07	2.18E-07	1.41E-03	2.23E-07	7.75E-08
40	486123.61, 3855186.51	5.15E-03	8.11E-07	2.83E-07	2.58E-03	4.06E-07	1.42E-07	5.60E-03	8.81E-07	3.07E-07	2.99E-03	4.71E-07	1.64E-07	3.85E-03	6.06E-07	2.11E-07	1.34E-03	2.11E-07	7.37E-08
41	486173.61, 3855186.51	5.01E-03	7.89E-07	2.75E-07	2.48E-03	3.90E-07	1.36E-07	5.44E-03	8.56E-07	2.98E-07	2.87E-03	4.52E-07	1.57E-07	3.76E-03	5.92E-07	2.06E-07	1.29E-03	2.03E-07	7.07E-08
42	486223.61, 3855186.51	4.88E-03	7.68E-07	2.68E-07	2.38E-03	3.75E-07	1.31E-07	5.29E-03	8.33E-07	2.90E-07	2.76E-03	4.35E-07	1.51E-07	3.68E-03	5.79E-07	2.02E-07	1.24E-03	1.95E-07	6.81E-08
43	486273.61, 3855186.51	4.74E-03	7.47E-07	2.60E-07	2.29E-03	3.60E-07	1.26E-07	5.14E-03	8.09E-07	2.82E-07	2.65E-03	4.17E-07	1.45E-07	3.59E-03	5.66E-07	1.97E-07	1.19E-03	1.88E-07	6.53E-08
44	486323.61, 3855186.51	4.74E-03	7.47E-07	2.60E-07	2.28E-03	3.59E-07	1.25E-07	5.13E-03	8.09E-07	2.82E-07	2.64E-03	4.15E-07	1.45E-07	3.60E-03	5.67E-07	1.98E-07	1.18E-03	1.87E-07	6.50E-08
45	485973.61, 3855236.51	6.40E-03	1.01E-06	3.51E-07	3.45E-03	5.43E-07	1.89E-07	7.00E-03	1.10E-06	3.84E-07	3.99E-03	6.29E-07	2.19E-07	4.63E-03	7.30E-07	2.54E-07	1.79E-03	2.83E-07	9.84E-08
46	486023.61, 3855236.51	6.13E-03	9.66E-07	3.37E-07	3.25E-03	5.12E-07	1.78E-07	6.69E-03	1.05E-06	3.67E-07	3.77E-03	5.93E-07	2.07E-07	4.47E-03	7.04E-07	2.45E-07	1.69E-03	2.66E-07	9.28E-08
47	486073.61, 3855236.51	5.87E-03	9.25E-07	3.22E-07	3.06E-03	4.83E-07	1.68E-07	6.40E-03	1.01E-06	3.51E-07	3.55E-03	5.59E-07	1.95E-07	4.31E-03	6.78E-07	2.36E-07	1.59E-03	2.51E-07	8.75E-08
48	486123.61, 3855236.51	5.67E-03	8.94E-07	3.11E-07	2.92E-03	4.60E-07	1.60E-07	6.18E-03	9.73E-07	3.39E-07	3.38E-03	5.33E-07	1.86E-07	4.19E-03	6.59E-07	2.30E-07	1.52E-03	2.40E-07	8.34E-08
49	486173.61, 3855236.51	5.50E-03	8.66E-07	3.02E-07	2.80E-03	4.41E-07	1.54E-07	5.98E-03	9.42E-07	3.28E-07	3.24E-03	5.10E-07	1.78E-07	4.08E-03	6.43E-07	2.24E-07	1.46E-03	2.29E-07	7.99E-08
50	486223.61, 3855236.51	5.33E-03	8.39E-07	2.92E-07	2.67E-03	4.21E-07	1.47E-07	5.79E-03	9.12E-07	3.18E-07	3.10E-03	4.88E-07	1.70E-07	3.97E-03	6.26E-07	2.18E-07	1.39E-03	2.19E-07	7.63E-08
51	486273.61, 3855236.51	5.11E-03	8.04E-07	2.80E-07	2.52E-03	3.97E-07	1.38E-07	5.54E-03	8.73E-07	3.04E-07	2.92E-03	4.60E-07	1.60E-07	3.83E-03	6.04E-07	2.10E-07	1.31E-03	2.07E-07	7.20E-08
52	486323.61, 3855236.51	5.16E-03	8.13E-07	2.83E-07	2.54E-03	4.00E-07	1.39E-07	5.60E-03	8.82E-07	3.07E-07	2.94E-03	4.64E-07	1.62E-07	3.88E-03	6.11E-07	2.13E-07	1.32E-03	2.08E-07	7.26E-08
53	485973.61, 3855286.51	7.10E-03	1.12E-06	3.90E-07	3.93E-03	6.18E-07	2.15E-07	7.77E-03	1.22E-06	4.27E-07	4.55E-03	7.16E-07	2.50E-07	5.07E-03	7.99E-07	2.78E-07	2.04E-03	3.22E-07	1.12E-07
54	486023.61, 3855286.51	6.76E-03	1.06E-06	3.71E-07	3.68E-03	5.79E-07	2.02E-07	7.39E-03	1.16E-06	4.06E-07	4.26E-03	6.71E-07	2.34E-07	4.87E-03	7.67E-07	2.67E-07	1.91E-03	3.01E-07	1.05E-07
55	486073.61, 3855286.51	6.48E-03	1.02E-06	3.56E-07	3.47E-03	5.47E-07	1.91E-07	7.08E-03	1.11E-06	3.88E-07	4.02E-03	6.34E-07	2.21E-07	4.70E-03	7.40E-07	2.58E-07	1.81E-03	2.85E-07	9.91E-08
56	486123.61, 3855286.51	6.21E-03	9.78E-07	3.41E-07	3.28E-03	5.16E-07	1.80E-07	6.77E-03	1.07E-06	3.72E-07	3.79E-03	5.98E-07	2.08E-07	4.53E-03	7.14E-07	2.49E-07	1.70E-03	2.68E-07	9.35E-08
57	486173.61, 3855286.51	5.98E-03	9.41E-07	3.28E-07	3.11E-03	4.90E-07	1.71E-07	6.51E-03	1.03E-06	3.57E-07	3.60E-03	5.67E-07	1.98E-07	4.39E-03	6.92E-07	2.41E-07	1.62E-03	2.55E-07	8.88E-08
58	486223.61, 3855286.51	5.80E-03	9.14E-07	3.19E-07	2.98E-03	4.70E-07	1.64E-07	6.32E-03	9.95E-07	3.47E-07	3.45E-03	5.44E-07	1.90E-07	4.29E-03	6.75E-07	2.35E-07	1.55E-03	2.44E-07	8.52E-08
59	486123.61, 3855336.51	6.77E-03	1.07E-06	3.72E-07	3.65E-03	5.75E-07	2.00E-07	7.40E-03	1.17E-06	4.06E-07	4.23E-03	6.66E-07	2.32E-07	4.90E-03	7.71E-07	2.69E-07	1.90E-03	2.99E-07	1.04E-07
60	486173.61, 3855336.51	6.53E-03	1.03E-06	3.59E-07	3.48E-03	5.48E-07	1.91E-07	7.13E-03	1.12E-06	3.92E-07	4.03E-03	6.34E-07	2.21E-07	4.75E-03	7.49E-07	2.61E-07	1.81E-03	2.85E-07	9.93E-08
61	486223.61, 3855336.51	6.30E-03	9.93E-07	3.46E-07	3.31E-03	5.21E-07	1.82E-07	6.87E-03	1.08E-06	3.77E-07	3.83E-03	6.04E-07	2.10E-07	4.62E-03	7.27E-07	2.53E-07	1.72E-03	2.71E-07	9.44E-08
62	486123.61, 3855386.51	7.39E-03	1.16E-06	4.05E-07	4.06E-03	6.40E-07	2.23E-07	8.09E-03	1.27E-06	4.44E-07	4.70E-03	7.41E-07	2.58E-07	5.29E-03	8.34E-07	2.91E-07	2.11E-03	3.33E-07	1.16E-07
63	486173.61, 3855386.51	7.11E-03	1.12E-06	3.90E-07	3.86E-03	6.07E-07	2.12E-07	7.78E-03	1.22E-06	4.27E-07	4.47E-03	7.03E-07	2.45E-07	5.13E-03	8.08E-07	2.82E-07	2.01E-03	3.16E-07	1.10E-07

64	486223.61, 3855386.51	6.87E-03	1.08E-06	3.77E-07	3.68E-03	5.79E-07	2.02E-07	7.50E-03	1.18E-06	4.12E-07	4.26E-03	6.71E-07	2.34E-07	4.99E-03	7.85E-07	2.74E-07	1.91E-03	3.01E-07	1.05E-07
65	486533.18, 3855443.15	6.33E-03	9.97E-07	3.47E-07	3.20E-03	5.05E-07	1.76E-07	6.88E-03	1.08E-06	3.78E-07	3.71E-03	5.85E-07	2.04E-07	4.71E-03	7.41E-07	2.58E-07	1.67E-03	2.63E-07	9.15E-08
66	486583.18, 3855443.15	6.16E-03	9.70E-07	3.38E-07	3.08E-03	4.85E-07	1.69E-07	6.69E-03	1.05E-06	3.67E-07	3.57E-03	5.62E-07	1.96E-07	4.60E-03	7.25E-07	2.53E-07	1.60E-03	2.52E-07	8.80E-08
67	486633.18, 3855443.15	6.00E-03	9.45E-07	3.29E-07	2.97E-03	4.67E-07	1.63E-07	6.51E-03	1.03E-06	3.57E-07	3.43E-03	5.41E-07	1.88E-07	4.50E-03	7.09E-07	2.47E-07	1.54E-03	2.43E-07	8.47E-08
68	486683.18, 3855443.15	5.88E-03	9.27E-07	3.23E-07	2.88E-03	4.54E-07	1.58E-07	6.38E-03	1.01E-06	3.50E-07	3.34E-03	5.26E-07	1.83E-07	4.43E-03	6.98E-07	2.43E-07	1.50E-03	2.36E-07	8.23E-08
69	486533.18, 3855493.15	6.77E-03	1.07E-06	3.72E-07	3.47E-03	5.47E-07	1.91E-07	7.37E-03	1.16E-06	4.05E-07	4.02E-03	6.34E-07	2.21E-07	5.01E-03	7.89E-07	2.75E-07	1.81E-03	2.85E-07	9.92E-08
70	486583.18, 3855493.15	6.60E-03	1.04E-06	3.62E-07	3.35E-03	5.27E-07	1.84E-07	7.18E-03	1.13E-06	3.94E-07	3.87E-03	6.10E-07	2.13E-07	4.90E-03	7.72E-07	2.69E-07	1.74E-03	2.74E-07	9.55E-08
71	486633.18, 3855493.15	6.42E-03	1.01E-06	3.53E-07	3.22E-03	5.07E-07	1.77E-07	6.98E-03	1.10E-06	3.83E-07	3.73E-03	5.87E-07	2.05E-07	4.79E-03	7.55E-07	2.63E-07	1.67E-03	2.64E-07	9.19E-08
72	486683.18, 3855493.15	6.26E-03	9.86E-07	3.44E-07	3.10E-03	4.89E-07	1.70E-07	6.79E-03	1.07E-06	3.73E-07	3.59E-03	5.66E-07	1.97E-07	4.69E-03	7.39E-07	2.58E-07	1.61E-03	2.54E-07	8.86E-08
73	486533.18, 3855543.15	7.27E-03	1.14E-06	3.99E-07	3.77E-03	5.95E-07	2.07E-07	7.92E-03	1.25E-06	4.35E-07	4.37E-03	6.89E-07	2.40E-07	5.34E-03	8.42E-07	2.93E-07	1.96E-03	3.09E-07	1.08E-07
74	486583.18, 3855543.15	7.02E-03	1.11E-06	3.85E-07	3.59E-03	5.66E-07	1.97E-07	7.63E-03	1.20E-06	4.19E-07	4.16E-03	6.56E-07	2.28E-07	5.19E-03	8.17E-07	2.85E-07	1.87E-03	2.95E-07	1.03E-07
75	486633.18, 3855543.15	6.84E-03	1.08E-06	3.75E-07	3.46E-03	5.46E-07	1.90E-07	7.43E-03	1.17E-06	4.08E-07	4.01E-03	6.32E-07	2.20E-07	5.08E-03	8.00E-07	2.79E-07	1.80E-03	2.84E-07	9.89E-08
76	486683.18, 3855543.15	6.60E-03	1.04E-06	3.62E-07	3.30E-03	5.20E-07	1.81E-07	7.17E-03	1.13E-06	3.94E-07	3.82E-03	6.02E-07	2.10E-07	4.93E-03	7.77E-07	2.71E-07	1.72E-03	2.71E-07	9.43E-08
77	486533.18, 3855593.15	7.75E-03	1.22E-06	4.25E-07	4.07E-03	6.41E-07	2.23E-07	8.45E-03	1.33E-06	4.64E-07	4.71E-03	7.42E-07	2.58E-07	5.67E-03	8.93E-07	3.11E-07	2.12E-03	3.33E-07	1.16E-07
78	486583.18, 3855593.15	7.49E-03	1.18E-06	4.11E-07	3.88E-03	6.12E-07	2.13E-07	8.16E-03	1.29E-06	4.48E-07	4.50E-03	7.08E-07	2.47E-07	5.52E-03	8.69E-07	3.03E-07	2.02E-03	3.18E-07	1.11E-07
79	486633.18, 3855593.15	7.27E-03	1.15E-06	3.99E-07	3.72E-03	5.86E-07	2.04E-07	7.91E-03	1.25E-06	4.34E-07	4.31E-03	6.79E-07	2.36E-07	5.38E-03	8.47E-07	2.95E-07	1.94E-03	3.05E-07	1.06E-07
80	486683.18, 3855593.15	7.09E-03	1.12E-06	3.89E-07	3.59E-03	5.65E-07	1.97E-07	7.70E-03	1.21E-06	4.23E-07	4.15E-03	6.54E-07	2.28E-07	5.27E-03	8.30E-07	2.89E-07	1.87E-03	2.94E-07	1.02E-07
81	486533.18, 3855643.15	8.26E-03	1.30E-06	4.54E-07	4.38E-03	6.90E-07	2.40E-07	9.02E-03	1.42E-06	4.95E-07	5.07E-03	7.99E-07	2.78E-07	6.02E-03	9.49E-07	3.31E-07	2.28E-03	3.59E-07	1.25E-07
82	486583.18, 3855643.15	8.00E-03	1.26E-06	4.39E-07	4.19E-03	6.59E-07	2.30E-07	8.72E-03	1.37E-06	4.78E-07	4.85E-03	7.64E-07	2.66E-07	5.86E-03	9.23E-07	3.22E-07	2.18E-03	3.43E-07	1.19E-07
83	486633.18, 3855643.15	7.75E-03	1.22E-06	4.25E-07	4.00E-03	6.31E-07	2.20E-07	8.44E-03	1.33E-06	4.63E-07	4.64E-03	7.30E-07	2.54E-07	5.71E-03	8.99E-07	3.13E-07	2.08E-03	3.28E-07	1.14E-07
84	486683.18, 3855643.15	7.52E-03	1.19E-06	4.13E-07	3.84E-03	6.06E-07	2.11E-07	8.19E-03	1.29E-06	4.49E-07	4.45E-03	7.01E-07	2.44E-07	5.57E-03	8.78E-07	3.06E-07	2.00E-03	3.15E-07	1.10E-07
85	486533.18, 3855693.15	8.85E-03	1.39E-06	4.86E-07	4.74E-03	7.47E-07	2.60E-07	9.67E-03	1.52E-06	5.31E-07	5.49E-03	8.65E-07	3.01E-07	6.42E-03	1.01E-06	3.53E-07	2.47E-03	3.88E-07	1.35E-07
86	486583.18, 3855693.15	8.49E-03	1.34E-06	4.66E-07	4.48E-03	7.06E-07	2.46E-07	9.26E-03	1.46E-06	5.08E-07	5.19E-03	8.17E-07	2.85E-07	6.20E-03	9.76E-07	3.40E-07	2.33E-03	3.67E-07	1.28E-07
87	486633.18, 3855693.15	8.14E-03	1.28E-06	4.47E-07	4.24E-03	6.67E-07	2.32E-07	8.87E-03	1.40E-06	4.87E-07	4.91E-03	7.73E-07	2.69E-07	5.98E-03	9.43E-07	3.28E-07	2.20E-03	3.47E-07	1.21E-07
88	486683.18, 3855693.15	7.98E-03	1.26E-06	4.38E-07	4.11E-03	6.47E-07	2.26E-07	8.69E-03	1.37E-06	4.77E-07	4.76E-03	7.50E-07	2.61E-07	5.89E-03	9.28E-07	3.23E-07	2.14E-03	3.37E-07	1.17E-07
89	486733.18, 3855693.15	7.88E-03	1.24E-06	4.33E-07	4.03E-03	6.35E-07	2.21E-07	8.58E-03	1.35E-06	4.71E-07	4.66E-03	7.35E-07	2.56E-07	5.84E-03	9.19E-07	3.20E-07	2.10E-03	3.30E-07	1.15E-07
90	486783.18, 3855693.15	7.82E-03	1.23E-06	4.29E-07	3.97E-03	6.25E-07	2.18E-07	8.51E-03	1.34E-06	4.67E-07	4.60E-03	7.24E-07	2.52E-07	5.81E-03	9.15E-07	3.19E-07	2.06E-03	3.25E-07	1.13E-07
91	486533.18, 3855743.15	9.42E-03	1.48E-06	5.17E-07	5.09E-03	8.01E-07	2.79E-07	1.03E-02	1.62E-06	5.65E-07	5.89E-03	9.28E-07	3.23E-07	6.81E-03	1.07E-06	3.74E-07	2.64E-03	4.17E-07	1.45E-07
92	486583.18, 3855743.15	8.96E-03	1.41E-06	4.92E-07	4.76E-03	7.50E-07	2.61E-07	9.78E-03	1.54E-06	5.37E-07	5.52E-03	8.69E-07	3.03E-07	6.52E-03	1.03E-06	3.58E-07	2.48E-03	3.90E-07	1.36E-07
93	486633.18, 3855743.15	8.65E-03	1.36E-06	4.74E-07	4.53E-03	7.14E-07	2.49E-07	9.43E-03	1.48E-06	5.17E-07	5.25E-03	8.27E-07	2.88E-07	6.33E-03	9.97E-07	3.47E-07	2.36E-03	3.72E-07	1.29E-07
94	486683.18, 3855743.15	8.51E-03	1.34E-06	4.67E-07	4.42E-03	6.97E-07	2.43E-07	9.27E-03	1.46E-06	5.09E-07	5.12E-03	8.07E-07	2.81E-07	6.25E-03	9.85E-07	3.43E-07	2.30E-03	3.62E-07	1.26E-07
95	486733.18, 3855743.15	8.32E-03	1.31E-06	4.57E-07	4.28E-03	6.75E-07	2.35E-07	9.06E-03	1.43E-06	4.97E-07	4.96E-03	7.81E-07	2.72E-07	6.14E-03	9.68E-07	3.37E-07	2.23E-03	3.51E-07	1.22E-07
96	486783.18, 3855743.15	8.29E-03	1.31E-06	4.55E-07	4.24E-03	6.68E-07	2.33E-07	9.02E-03	1.42E-06	4.95E-07	4.91E-03	7.74E-07	2.70E-07	6.14E-03	9.67E-07	3.37E-07	2.21E-03	3.48E-07	1.21E-07
97	486533.18, 3855793.15	1.00E-02	1.58E-06	5.51E-07	5.46E-03	8.60E-07	3.00E-07	1.10E-02	1.73E-06	6.02E-07	6.32E-03	9.96E-07	3.47E-07	7.23E-03	1.14E-06	3.97E-07	2.84E-03	4.47E-07	1.56E-07
98	486583.18, 3855793.15	9.42E-03	1.48E-06	5.17E-07	5.04E-03	7.93E-07	2.76E-07	1.03E-02	1.62E-06	5.65E-07	5.83E-03	9.19E-07	3.20E-07	6.84E-03	1.08E-06	3.75E-07	2.62E-03	4.13E-07	1.44E-07
99	486633.18, 3855793.15	9.24E-03	1.46E-06	5.07E-07	4.89E-03	7.71E-07	2.69E-07	1.01E-02	1.59E-06	5.54E-07	5.67E-03	8.93E-07	3.11E-07	6.74E-03	1.06E-06	3.70E-07	2.55E-03	4.01E-07	1.40E-07
100	486683.18, 3855793.15	9.09E-03	1.43E-06	4.99E-07	4.77E-03	7.51E-07	2.62E-07	9.91E-03	1.56E-06	5.44E-07	5.52E-03	8.70E-07	3.03E-07	6.66E-03	1.05E-06	3.65E-07	2.48E-03	3.91E-07	1.36E-07
101	486733.18, 3855793.15	8.91E-03	1.40E-06	4.89E-07	4.63E-03	7.29E-07	2.54E-07	9.71E-03	1.53E-06	5.33E-07	5.36E-03	8.45E-07	2.94E-07	6.55E-03	1.03E-06	3.60E-07	2.41E-03	3.79E-07	1.32E-07
102	486783.18, 3855793.15	8.76E-03	1.38E-06	4.81E-07	4.51E-03	7.11E-07	2.48E-07	9.54E-03	1.50E-06	5.23E-07	5.22E-03	8.23E-07	2.87E-07	6.47E-03	1.02E-06	3.55E-07	2.35E-03	3.70E-07	1.29E-07
103	486533.18, 3855843.15	1.06E-02	1.66E-06	5.80E-07	5.78E-03	9.11E-07	3.17E-07	1.16E-02	1.82E-06	6.34E-07	6.70E-03	1.06E-06	3.68E-07	7.59E-03	1.20E-06	4.16E-07	3.01E-03	4.74E-07	1.65E-07
104	486583.18, 3855843.15	1.00E-02	1.58E-06	5.50E-07	5.40E-03	8.51E-07	2.97E-07	1.10E-02	1.73E-06	6.01E-07	6.26E-03	9.86E-07	3.43E-07	7.25E-03	1.14E-06	3.98E-07	2.81E-03	4.43E-07	1.54E-07
105	486633.18, 3855843.15	9.83E-03	1.55E-06	5.40E-07	5.25E-03	8.27E-07	2.88E-07	1.07E-02	1.69E-06	5.89E-07	6.08E-03	9.58E-07	3.34E-07	7.14E-03	1.13E-06	3.92E-07	2.73E-03	4.30E-07	1.50E-07
106	486683.18, 3855843.15	9.65E-03	1.52E-06	5.30E-07	5.11E-03	8.04E-07	2.80E-07	1.05E-02	1.66E-06	5.78E-07	5.91E-03	9.32E-07	3.25E-07	7.04E-03	1.11E-06	3.87E-07	2.66E-03	4.18E-07	1.46E-07
107	486733.18, 3855843.15	9.49E-03	1.49E-06	5.21E-07	4.97E-03	7.83E-07	2.73E-07	1.03E-02	1.63E-06	5.68E-07	5.75E-03	9.07E-07	3.16E-07	6.95E-03	1.10E-06	3.81E-07	2.58E-03	4.07E-07	1.42E-07
108	486783.18, 3855843.15	9.30E-03	1.47E-06	5.11E-07	4.83E-03	7.60E-07	2.65E-07	1.01E-02	1.60E-06	5.56E-07	5.59E-03	8.81E-07	3.07E-07	6.85E-03	1.08E-06	3.76E-07	2.51E-03	3.95E-07	1.38E-07
109	486533.18, 3855893.15	1.10E-02	1.73E-06	6.02E-07	6.03E-03	9.50E-07	3.31E-07	1.20E-02	1.89E-06	6.59E-07	6.99E-03	1.10E-06	3.83E-07	7.87E-03	1.24E-06	4.32E-07	3.14E-03	4.94E-07	1.72E-07
110	486583.18, 3855893.15	1.07E-02	1.69E-06	5.88E-07	5.83E-03	9.18E-07	3.20E-07	1.17E-02	1.85E-06	6.43E-07	6.75E-03	1.06E-06	3.70E-07	7.72E-03	1.22E-06	4.23E-07	3.03E-03	4.77E-07	1.66E-07
111	486633.18, 3855893.15	1.04E-02	1.65E-06	5.73E-07	5.62E-03	8.86E-07	3.09E-07	1.14E-02	1.80E-06	6.27E-07	6.51E-03	1.03E-06	3.57E-07	7.57E-03	1.19E-06	4.15E-07	2.92E-03	4.61E-07	1.61E-07
112	486683.18, 3855893.15	1.02E-02	1.61E-06	5.62E-07	5.46E-03	8.60E-07	3.00E-07	1.12E-02	1.76E-06	6.14E-07	6.32E-03	9.96E-07	3.47E-07	7.45E-03	1.17E-06	4.09E-07	2.84E-03	4.47E-07	1.56E-07
113	486733.18, 3855893.15	1.01E-02	1.58E-06	5.52E-07	5.30E-03	8.36E-07	2.91E-07	1.10E-02	1.73E-06	6.02E-07	6.14E-03	9.68E-07	3.37E-07	7.34E-03	1.16E-06	4.03E-07	2.76E-03	4.35E-07	1.51E-07
114	486783.18, 3855893.15	9.90E-03	1.56E-06	5.43E-07	5.17E-03	8.15E-07	2.84E-07	1.08E-02	1.70E-06	5.92E-07	5.99E-03	9.44E-07	3.29E-07	7.26E-03	1.14E-06	3.98E-07	2.69E-03	4.24E-07	1.48E-07
115	486533.18, 3855943.15	1.16E-02	1.83E-06	6.38E-07	6.44E-03	1.01E-06	3.53E-07	1.27E-02	2.01E-06	6.99E-07	7.46E-03	1.17E-06	4.09E-07	8.30E-03	1.31E-06	4.56E-07	3.35E-03	5.28E-07	1.84E-07
116	486583.18, 3855943.15	1.14E-02	1.80E-06	6.28E-07	6.28E-03	9.89E-07	3.45E-07	1.25E-02	1.97E-06	6.87E-07	7.27E-03	1.15E-06	3.99E-07	8.21E-03	1.29E-06	4.50E-07	3.27E-03	5.14E-07	1.79E-07
117	486633.18, 3855943.15	1.11E-02	1.75E-06	6.10E-07	6.03E-03	9.50E-07	3.31E-07	1.21E-02	1.91E-06	6.67E-07	6.98E-03	1.10E-06	3.83E-07	8.01E-03	1.26E-06	4.40E-07	3.13E-03	4.94E-07	1.72E-07
118	486683.18, 3855943.15	1.09E-02	1.72E-06	5.99E-07	5.86E-03	9.24E-07	3.22E-07	1.19E-02	1.88E-06	6.54E-07	6.79E-03	1.07E-06	3.73E-07	7.90E-03	1.25E-06	4.34E-07	3.05E-03	4.80E-07	1.67E-07
119	486733.18, 3855943.15	1.06E-02	1.68E-06	5.84E-07	5.66E-03	8.92E-07	3.11E-07	1.16E-02	1.83E-06	6.38E-07	6.56E-03	1.03E-06	3.60E-07	7.75E-03	1.22E-06	4.26E-07	2.94E-03	4.64E-07	1.62E-07
120	486783.18, 3855943.15	1.05E-02	1.65E-06	5.75E-07	5.52E-03	8.70E-07	3.03E-07	1.14E-02	1.80E-06	6.28E-07	6.40E-03	1.01E-06	3.51E-07	7.67E-03	1.21E-06	4.21E-07	2.87E-03	4.52E-07	1.58E-07
121	486533.18, 3855993.15	1.24E-02	1.96E-06	6.82E-07	6.95E-03	1.10E-06	3.82E-07	1.36E-02	2.15E-06	7.48E-07	8.05E-03	1.27E-06	4.42E-07	8.83E-03	1.39E-06	4.85E-07	3.62E-03	5.70E-07	1.98E-07
122	486583.18, 3855993.15	1.21E-02	1.91E-06	6.65E-07	6.71E-03	1.06E-06	3.68E-07	1.33E-02	2.09E-06	7.28E-07	7.77E-03	1.22E-06	4.26E-07	8.66E-03	1.36E-06	4.75E-07	3.49E-03	5.49E-07	1.91E-07
123	486633.18, 3855993.15	1.18E-02	1.86E-06	6.48E-07	6.46E-03	1.02E-06	3.55E-07	1.29E-02	2.04E-06	7.09E-07	7.49E-03	1.18E-06	4.11E-07	8.48E-03	1.34E-06	4.66E-07	3.36E-03	5.30E-07	1.84E-07
124	486683.18, 3855993.15	1.16E-02	1.82E-06	6.35E-07	6.27E-03	9.88E-07	3.44E-07	1.27E-02	1.99E-06	6.94E-07	7.26E-03	1.14E-06	3.99E-07	8.35E-03	1.32E-06	4.58E-07	3.26E-03	5.14E-07	1.79E-07
125	486733.18, 3855993.15	1.13E-02	1.78E-06	6.20E-07	6.06E-03	9.54E-07	3.32E-07	1.23E-02	1.94E-06	6.77E-07	7.01E-03	1.10E-06	3.85E-07	8.20E-03	1.29E-06	4.50E-07	3.15E-03	4.96E-07	1.73E-07
126	486783.18, 3855993.15	1.11E-02	1.74E-06	6.08E-07	5.87E-03	9.25E-07	3.22E-07	1.21E-02	1.90E-06	6.63E-07	6.80E-03	1.07E-06	3.73E-07	8.07E-03	1.27E-06	4.43E-07	3.05E-03	4.81E-07	1.68E-07
127	486533.18, 3856043.15	1.32E-02	2.09E-06	7.27E-07	7.49E-03	1.18E-06	4.11E-07	1.45E-02	2.29E-06	7.98E-07	8.67E-03	1.37E-06	4.76E-07	9.37E-03	1.48E-06	5.14E-07	3.89E-03	6.13E-07	2.14E-07
128	486583.18, 3856043.15	1.29E-02	2.04E-06	7.10E-07	7.23E-03	1.14E-06	3.97E-07	1.42E-02	2.23E-06	7.78E-07	8.38E-03	1.32E-06	4.60E-07	9.20E-03	1.45E-06	5.05E-07	3.76E-03	5.92E-07	2.06E-07
129	486633.18, 3856043.15	1.25E-02	1.98E-06	6.89E-07	6.93E-03	1.09E-06	3.80E-07	1.37E-02	2.17E-06	7.54E-07	8.03E-03	1.26E-06	4.41E-07	8.98E-03	1.41E-06	4.93E-07	3.60E-03	5.68E-07	1.98E-07
130	486683.18, 3856043.15	1.23E-02	1.94E-06	6.75E-07	6.72E-03	1.06E-06	3.69E-07	1.35E-02	2.12E-06	7.38E-07	7.78E-03	1.23E-06	4.27E-07	8.84E-03	1.39E-06	4.85E-07	3.49E-03	5.51E-07	1.92E-07

131	486733.18, 3856043.15	1.20E-02	1.88E-06	6.57E-07	6.46E-03	1.02E-06	3.55E-07	1.31E-02	2.06E-06	7.18E-07	7.49E-03	1.18E-06	4.11E-07	8.65E-03	1.36E-06	4.75E-07	3.36E-03	5.30E-07	1.84E-07
132	486783.18, 3856043.15	1.18E-02	1.85E-06	6.45E-07	6.29E-03	9.90E-07	3.45E-07	1.28E-02	2.02E-06	7.05E-07	7.28E-03	1.15E-06	4.00E-07	8.54E-03	1.35E-06	4.69E-07	3.27E-03	5.15E-07	1.79E-07
133	486533.18, 3856093.15	1.42E-02	2.24E-06	7.80E-07	8.13E-03	1.28E-06	4.46E-07	1.56E-02	2.46E-06	8.57E-07	9.42E-03	1.48E-06	5.17E-07	9.99E-03	1.57E-06	5.48E-07	4.23E-03	6.66E-07	2.32E-07
134	486583.18, 3856093.15	1.38E-02	2.17E-06	7.56E-07	7.78E-03	1.23E-06	4.27E-07	1.51E-02	2.38E-06	8.30E-07	9.01E-03	1.42E-06	4.95E-07	9.75E-03	1.54E-06	5.35E-07	4.05E-03	6.38E-07	2.22E-07
135	486633.18, 3856093.15	1.34E-02	2.11E-06	7.34E-07	7.46E-03	1.17E-06	4.09E-07	1.47E-02	2.31E-06	8.04E-07	8.64E-03	1.36E-06	4.74E-07	9.52E-03	1.50E-06	5.22E-07	3.88E-03	6.11E-07	2.13E-07
136	486683.18, 3856093.15	1.30E-02	2.06E-06	7.16E-07	7.20E-03	1.13E-06	3.95E-07	1.43E-02	2.25E-06	7.84E-07	8.33E-03	1.31E-06	4.57E-07	9.34E-03	1.47E-06	5.13E-07	3.74E-03	5.89E-07	2.05E-07
137	486733.18, 3856093.15	1.27E-02	2.00E-06	6.97E-07	6.92E-03	1.09E-06	3.80E-07	1.39E-02	2.19E-06	7.62E-07	8.02E-03	1.26E-06	4.40E-07	9.14E-03	1.44E-06	5.02E-07	3.60E-03	5.67E-07	1.98E-07
138	486783.18, 3856093.15	1.24E-02	1.96E-06	6.82E-07	6.70E-03	1.06E-06	3.68E-07	1.36E-02	2.14E-06	7.45E-07	7.76E-03	1.22E-06	4.26E-07	8.99E-03	1.42E-06	4.94E-07	3.48E-03	5.49E-07	1.91E-07
139	486533.18, 3856143.15	1.52E-02	2.39E-06	8.33E-07	8.80E-03	1.39E-06	4.83E-07	1.67E-02	2.63E-06	9.17E-07	1.02E-02	1.60E-06	5.59E-07	1.06E-02	1.67E-06	5.83E-07	4.57E-03	7.20E-07	2.51E-07
140	486583.18, 3856143.15	1.46E-02	2.31E-06	8.03E-07	8.36E-03	1.32E-06	4.59E-07	1.61E-02	2.53E-06	8.82E-07	9.68E-03	1.52E-06	5.31E-07	1.03E-02	1.62E-06	5.66E-07	4.35E-03	6.85E-07	2.38E-07
141	486633.18, 3856143.15	1.42E-02	2.24E-06	7.81E-07	8.03E-03	1.26E-06	4.41E-07	1.56E-02	2.46E-06	8.57E-07	9.30E-03	1.46E-06	5.10E-07	1.01E-02	1.59E-06	5.53E-07	4.17E-03	6.57E-07	2.29E-07
142	486683.18, 3856143.15	1.38E-02	2.18E-06	7.59E-07	7.70E-03	1.21E-06	4.23E-07	1.52E-02	2.39E-06	8.32E-07	8.92E-03	1.41E-06	4.90E-07	9.86E-03	1.55E-06	5.41E-07	4.01E-03	6.31E-07	2.20E-07
143	486733.18, 3856143.15	1.35E-02	2.12E-06	7.39E-07	7.41E-03	1.17E-06	4.07E-07	1.47E-02	2.32E-06	8.09E-07	8.58E-03	1.35E-06	4.71E-07	9.65E-03	1.52E-06	5.30E-07	3.85E-03	6.07E-07	2.11E-07
144	486783.18, 3856143.15	1.32E-02	2.08E-06	7.25E-07	7.19E-03	1.13E-06	3.94E-07	1.45E-02	2.28E-06	7.93E-07	8.32E-03	1.31E-06	4.57E-07	9.52E-03	1.50E-06	5.23E-07	3.74E-03	5.89E-07	2.05E-07
145	486533.18, 3856193.15	1.63E-02	2.57E-06	8.96E-07	9.59E-03	1.51E-06	5.26E-07	1.80E-02	2.83E-06	9.87E-07	1.11E-02	1.75E-06	6.10E-07	1.13E-02	1.79E-06	6.22E-07	4.98E-03	7.85E-07	2.74E-07
146	486583.18, 3856193.15	1.56E-02	2.46E-06	8.58E-07	9.04E-03	1.42E-06	4.96E-07	1.72E-02	2.71E-06	9.44E-07	1.05E-02	1.65E-06	5.75E-07	1.09E-02	1.72E-06	6.00E-07	4.70E-03	7.40E-07	2.58E-07
147	486633.18, 3856193.15	1.52E-02	2.39E-06	8.32E-07	8.65E-03	1.36E-06	4.75E-07	1.66E-02	2.62E-06	9.14E-07	1.00E-02	1.58E-06	5.50E-07	1.07E-02	1.68E-06	5.86E-07	4.50E-03	7.08E-07	2.47E-07
148	486683.18, 3856193.15	1.48E-02	2.33E-06	8.11E-07	8.33E-03	1.31E-06	4.57E-07	1.62E-02	2.56E-06	8.90E-07	9.64E-03	1.52E-06	5.29E-07	1.05E-02	1.65E-06	5.75E-07	4.33E-03	6.82E-07	2.38E-07
149	486733.18, 3856193.15	1.43E-02	2.26E-06	7.86E-07	7.96E-03	1.25E-06	4.37E-07	1.57E-02	2.47E-06	8.61E-07	9.22E-03	1.45E-06	5.06E-07	1.02E-02	1.61E-06	5.61E-07	4.14E-03	6.52E-07	2.27E-07
150	486783.18, 3856193.15	1.40E-02	2.21E-06	7.69E-07	7.70E-03	1.21E-06	4.22E-07	1.53E-02	2.42E-06	8.42E-07	8.92E-03	1.40E-06	4.89E-07	1.01E-02	1.58E-06	5.52E-07	4.00E-03	6.30E-07	2.20E-07
151	486533.18, 3856243.15	1.75E-02	2.76E-06	9.62E-07	1.05E-02	1.65E-06	5.74E-07	1.93E-02	3.05E-06	1.06E-06	1.21E-02	1.91E-06	6.64E-07	1.21E-02	1.90E-06	6.63E-07	5.43E-03	8.56E-07	2.98E-07
152	486583.18, 3856243.15	1.68E-02	2.65E-06	9.24E-07	9.87E-03	1.56E-06	5.42E-07	1.85E-02	2.92E-06	1.02E-06	1.14E-02	1.80E-06	6.28E-07	1.17E-02	1.84E-06	6.42E-07	5.13E-03	8.08E-07	2.82E-07
153	486633.18, 3856243.15	1.62E-02	2.55E-06	8.90E-07	9.37E-03	1.48E-06	5.14E-07	1.78E-02	2.81E-06	9.79E-07	1.09E-02	1.71E-06	5.96E-07	1.14E-02	1.79E-06	6.23E-07	4.87E-03	7.67E-07	2.67E-07
154	486683.18, 3856243.15	1.57E-02	2.48E-06	8.62E-07	8.95E-03	1.41E-06	4.91E-07	1.73E-02	2.72E-06	9.47E-07	1.04E-02	1.63E-06	5.69E-07	1.11E-02	1.74E-06	6.08E-07	4.65E-03	7.33E-07	2.55E-07
155	486733.18, 3856243.15	1.53E-02	2.41E-06	8.39E-07	8.59E-03	1.35E-06	4.72E-07	1.68E-02	2.64E-06	9.20E-07	9.95E-03	1.57E-06	5.46E-07	1.08E-02	1.71E-06	5.95E-07	4.47E-03	7.04E-07	2.45E-07
156	486783.18, 3856243.15	1.48E-02	2.34E-06	8.14E-07	8.23E-03	1.30E-06	4.52E-07	1.63E-02	2.56E-06	8.92E-07	9.53E-03	1.50E-06	5.23E-07	1.06E-02	1.67E-06	5.82E-07	4.28E-03	6.74E-07	2.35E-07
157	486533.18, 3856293.15	1.90E-02	2.99E-06	1.04E-06	1.15E-02	1.81E-06	6.31E-07	2.09E-02	3.30E-06	1.15E-06	1.33E-02	2.10E-06	7.31E-07	1.29E-02	2.04E-06	7.10E-07	5.98E-03	9.41E-07	3.28E-07
158	486583.18, 3856293.15	1.81E-02	2.85E-06	9.93E-07	1.08E-02	1.70E-06	5.92E-07	2.00E-02	3.14E-06	1.10E-06	1.25E-02	1.97E-06	6.85E-07	1.25E-02	1.96E-06	6.84E-07	5.60E-03	8.83E-07	3.08E-07
159	486633.18, 3856293.15	1.74E-02	2.74E-06	9.54E-07	1.02E-02	1.61E-06	5.60E-07	1.91E-02	3.02E-06	1.05E-06	1.18E-02	1.86E-06	6.48E-07	1.21E-02	1.90E-06	6.63E-07	5.30E-03	8.35E-07	2.91E-07
160	486683.18, 3856293.15	1.68E-02	2.64E-06	9.21E-07	9.69E-03	1.53E-06	5.32E-07	1.84E-02	2.91E-06	1.01E-06	1.12E-02	1.77E-06	6.16E-07	1.17E-02	1.85E-06	6.45E-07	5.04E-03	7.93E-07	2.76E-07
161	486733.18, 3856293.15	1.63E-02	2.57E-06	8.95E-07	9.28E-03	1.46E-06	5.09E-07	1.79E-02	2.82E-06	9.82E-07	1.07E-02	1.69E-06	5.90E-07	1.15E-02	1.81E-06	6.31E-07	4.82E-03	7.60E-07	2.65E-07
162	486783.18, 3856293.15	1.58E-02	2.48E-06	8.66E-07	8.85E-03	1.39E-06	4.86E-07	1.73E-02	2.73E-06	9.49E-07	1.02E-02	1.61E-06	5.62E-07	1.12E-02	1.77E-06	6.15E-07	4.60E-03	7.25E-07	2.52E-07
163	486783.18, 3856343.15	1.69E-02	2.66E-06	9.26E-07	9.58E-03	1.51E-06	5.26E-07	1.85E-02	2.92E-06	1.02E-06	1.11E-02	1.75E-06	6.09E-07	1.19E-02	1.88E-06	6.54E-07	4.98E-03	7.85E-07	2.73E-07
164	486833.18, 3856343.15	1.63E-02	2.57E-06	8.96E-07	9.14E-03	1.44E-06	5.01E-07	1.79E-02	2.82E-06	9.83E-07	1.06E-02	1.67E-06	5.81E-07	1.16E-02	1.83E-06	6.38E-07	4.75E-03	7.48E-07	2.61E-07
165	486883.18, 3856343.15	1.58E-02	2.50E-06	8.70E-07	8.73E-03	1.38E-06	4.79E-07	1.73E-02	2.73E-06	9.52E-07	1.01E-02	1.59E-06	5.55E-07	1.14E-02	1.79E-06	6.23E-07	4.54E-03	7.15E-07	2.49E-07
166	486783.18, 3856393.15	1.79E-02	2.83E-06	9.84E-07	1.03E-02	1.63E-06	5.67E-07	1.97E-02	3.11E-06	1.08E-06	1.20E-02	1.89E-06	6.57E-07	1.26E-02	1.98E-06	6.90E-07	5.37E-03	8.46E-07	2.95E-07
167	486833.18, 3856393.15	1.73E-02	2.73E-06	9.51E-07	9.82E-03	1.55E-06	5.39E-07	1.90E-02	3.00E-06	1.04E-06	1.14E-02	1.79E-06	6.24E-07	1.23E-02	1.93E-06	6.72E-07	5.11E-03	8.04E-07	2.80E-07
168	486883.18, 3856393.15	1.67E-02	2.63E-06	9.17E-07	9.32E-03	1.47E-06	5.12E-07	1.83E-02	2.89E-06	1.01E-06	1.08E-02	1.70E-06	5.93E-07	1.19E-02	1.88E-06	6.53E-07	4.85E-03	7.64E-07	2.66E-07
169	487208.74, 3856886.11	2.27E-02	3.58E-06	1.25E-06	1.31E-02	2.06E-06	7.17E-07	2.50E-02	3.93E-06	1.37E-06	1.51E-02	2.38E-06	8.31E-07	1.59E-02	2.51E-06	8.74E-07	6.79E-03	1.07E-06	3.73E-07
170	487258.74, 3856886.11	2.14E-02	3.37E-06	1.17E-06	1.20E-02	1.89E-06	6.58E-07	2.35E-02	3.70E-06	1.29E-06	1.39E-02	2.19E-06	7.62E-07	1.52E-02	2.40E-06	8.35E-07	6.23E-03	9.81E-07	3.42E-07
171	487308.74, 3856886.11	2.03E-02	3.19E-06	1.11E-06	1.11E-02	1.74E-06	6.06E-07	2.22E-02	3.49E-06	1.22E-06	1.28E-02	2.02E-06	7.02E-07	1.46E-02	2.30E-06	8.01E-07	5.74E-03	9.05E-07	3.15E-07
172	487358.74, 3856886.11	1.93E-02	3.03E-06	1.06E-06	1.02E-02	1.61E-06	5.62E-07	2.10E-02	3.31E-06	1.15E-06	1.19E-02	1.87E-06	6.51E-07	1.40E-02	2.21E-06	7.71E-07	5.32E-03	8.38E-07	2.92E-07
173	487208.74, 3856936.11	2.40E-02	3.79E-06	1.32E-06	1.41E-02	2.22E-06	7.73E-07	2.65E-02	4.17E-06	1.45E-06	1.63E-02	2.57E-06	8.96E-07	1.67E-02	2.63E-06	9.17E-07	7.32E-03	1.15E-06	4.02E-07
174	487258.74, 3856936.11	2.24E-02	3.53E-06	1.23E-06	1.27E-02	2.00E-06	6.98E-07	2.46E-02	3.88E-06	1.35E-06	1.47E-02	2.32E-06	8.08E-07	1.58E-02	2.49E-06	8.69E-07	6.61E-03	1.04E-06	3.63E-07
175	487308.74, 3856936.11	2.10E-02	3.31E-06	1.15E-06	1.15E-02	1.82E-06	6.33E-07	2.30E-02	3.63E-06	1.26E-06	1.34E-02	2.11E-06	7.34E-07	1.51E-02	2.38E-06	8.28E-07	6.00E-03	9.45E-07	3.29E-07
176	487358.74, 3856936.11	1.98E-02	3.12E-06	1.09E-06	1.05E-02	1.66E-06	5.79E-07	2.16E-02	3.41E-06	1.19E-06	1.22E-02	1.92E-06	6.71E-07	1.44E-02	2.27E-06	7.93E-07	5.48E-03	8.64E-07	3.01E-07
177	487208.74, 3856986.11	2.52E-02	3.97E-06	1.38E-06	1.50E-02	2.36E-06	8.22E-07	2.78E-02	4.38E-06	1.53E-06	1.74E-02	2.73E-06	9.52E-07	1.74E-02	2.74E-06	9.56E-07	7.78E-03	1.23E-06	4.27E-07
178	487258.74, 3856986.11	2.31E-02	3.64E-06	1.27E-06	1.32E-02	2.07E-06	7.22E-07	2.54E-02	4.00E-06	1.39E-06	1.52E-02	2.40E-06	8.36E-07	1.63E-02	2.57E-06	8.96E-07	6.84E-03	1.08E-06	3.75E-07
179	487308.74, 3856986.11	2.14E-02	3.38E-06	1.18E-06	1.17E-02	1.85E-06	6.45E-07	2.35E-02	3.70E-06	1.29E-06	1.36E-02	2.14E-06	7.47E-07	1.54E-02	2.43E-06	8.46E-07	6.10E-03	9.62E-07	3.35E-07
180	487358.74, 3856986.11	2.01E-02	3.16E-06	1.10E-06	1.06E-02	1.67E-06	5.81E-07	2.19E-02	3.45E-06	1.20E-06	1.23E-02	1.93E-06	6.73E-07	1.47E-02	2.31E-06	8.06E-07	5.50E-03	8.66E-07	3.02E-07
181	487208.74, 3857036.11	2.54E-02	4.00E-06	1.39E-06	1.49E-02	2.35E-06	8.20E-07	2.80E-02	4.40E-06	1.53E-06	1.73E-02	2.73E-06	9.50E-07	1.76E-02	2.77E-06	9.66E-07	7.76E-03	1.22E-06	4.26E-07
182	487258.74, 3857036.11	2.30E-02	3.62E-06	1.26E-06	1.29E-02	2.03E-06	7.07E-07	2.52E-02	3.97E-06	1.38E-06	1.49E-02	2.35E-06	8.19E-07	1.64E-02	2.58E-06	8.98E-07	6.69E-03	1.05E-06	3.67E-07
183	487308.74, 3857036.11	2.12E-02	3.34E-06	1.16E-06	1.13E-02	1.79E-06	6.22E-07	2.32E-02	3.65E-06	1.27E-06	1.31E-02	2.07E-06	7.21E-07	1.54E-02	2.43E-06	8.46E-07	5.89E-03	9.28E-07	3.23E-07
184	487358.74, 3857036.11	1.98E-02	3.12E-06	1.09E-06	1.01E-02	1.60E-06	5.57E-07	2.15E-02	3.39E-06	1.18E-06	1.18E-02	1.85E-06	6.45E-07	1.47E-02	2.31E-06	8.05E-07	5.27E-03	8.31E-07	2.89E-07
185	487427.14, 3856878.23	1.80E-02	2.84E-06	9.89E-07	9.22E-03	1.45E-06	5.06E-07	1.96E-02	3.09E-06	1.08E-06	1.07E-02	1.68E-06	5.86E-07	1.34E-02	2.10E-06	7.33E-07	4.79E-03	7.55E-07	2.63E-07
186	487477.14, 3856878.23	1.73E-02	2.72E-06	9.48E-07	8.61E-03	1.36E-06	4.72E-07	1.88E-02	2.95E-06	1.03E-06	9.97E-03	1.57E-06	5.47E-07	1.29E-02	2.04E-06	7.10E-07	4.47E-03	7.05E-07	2.46E-07
187	487527.14, 3856878.23	1.66E-02	2.61E-06	9.10E-07	8.07E-03	1.27E-06	4.43E-07	1.80E-02	2.83E-06	9.87E-07	9.34E-03	1.47E-06	5.13E-07	1.25E-02	1.98E-06	6.89E-07	4.19E-03	6.61E-07	2.30E-07
188	487427.14, 3856928.23	1.84E-02	2.90E-06	1.01E-06	9.39E-03	1.48E-06	5.16E-07	2.00E-02	3.16E-06	1.10E-06	1.09E-02	1.71E-06	5.97E-07	1.37E-02	2.15E-06	7.50E-07	4.88E-03	7.69E-07	2.68E-07
189	487477.14, 3856928.23	1.76E-02	2.77E-06	9.64E-07	8.71E-03	1.37E-06	4.78E-07	1.91E-02	3.00E-06	1.05E-06	1.01E-02	1.59E-06	5.54E-07	1.32E-02	2.08E-06	7.23E-07	4.53E-03	7.13E-07	2.48E-07
190	487527.14, 3856928.23	1.68E-02	2.65E-06	9.23E-07	8.11E-03	1.28E-06	4.45E-07	1.82E-02	2.87E-06	9.99E-07	9.39E-03	1.48E-06	5.15E-07	1.28E-02	2.01E-06	7.00E-07	4.21E-03	6.64E-07	2.31E-07
191	487577.14, 3856928.23	1.61E-02	2.54E-06	8.86E-07	7.57E-03	1.19E-06	4.16E-07	1.75E-02	2.75E-06	9.58E-07	8.77E-03	1.38E-06	4.81E-07	1.24E-02	1.95E-06	6.80E-07	3.94E-03	6.20E-07	2.16E-07
192	487627.14, 3856928.23	1.55E-02	2.45E-06	8.53E-07	7.11E-03	1.12E-06	3.90E-07	1.68E-02	2.64E-06	9.20E-07	8.23E-03	1.30E-06	4.52E-07	1.20E-02	1.89E-06	6.60E-07	3.69E-03	5.82E-07	2.03E-07
193	487677.14, 3856928.23	1.50E-02	2.36E-06	8.24E-07	6.68E-03	1.05E-06	3.67E-07	1.62E-02	2.55E-06	8.87E-07	7.74E-03	1.22E-06	4.25E-07	1.17E-02	1.85E-06	6.44E-07	3.47E-03	5.47E-07	1.91E-07
194	487727.14, 3856928.23	1.45E-02	2.29E-06	7.98E-07	6.30E-03	9.92E-07	3.46E-07	1.56E-02	2.46E-06	8.58E-07	7.30E-03	1.15E-06	4.00E-07	1.15E-02	1.81E-06	6.29E-07	3.27E-03	5.16E-07	1.80E-07
195	487777.14, 3856928.23	1.41E-02	2.22E-06	7.74E-07	5.96E-03	9.39E-07	3.27E-07	1.51E-02	2.38E-06	8.30E-07	6.90E-03	1.09E-06	3.79E-07	1.12E-02	1.77E-06	6.15E-07	3.10E-03	4.88E-07	1.70E-07
196	487427.14, 3856978.23	1.86E-02	2.92E-06	1.02E-06	9.36E-03	1.47E-06	5.14E-07	2.02E-02	3.18E-06	1.11E-06	1.08E-02	1.71E-06	5.95E-07	1.38E-02	2.18E-06	7.59E-07	4.86E-03	7.66E-07	2.67E-07
197	487477.14, 3856978.23	1.76E-02	2.78E-06	9.68E-07	8.61E-03	1.36E-06	4.72E-07	1.91E-02	3.01E-06	1.05E-06	9.97E-03	1.57E-06	5.47E-07	1.33E-02	2.10E-06	7.31E-07	4.47E-03	7.05E-07	2.46E-07

198	487527.14, 3856978.23	1.68E-02	2.65E-06	9.25E-07	7.97E-03	1.25E-06	4.37E-07	1.82E-02	2.87E-06	1.00E-06	9.23E-03	1.45E-06	5.06E-07	1.29E-02	2.03E-06	7.07E-07	4.14E-03	6.52E-07	2.27E-07
199	487577.14, 3856978.23	1.62E-02	2.54E-06	8.86E-07	7.41E-03	1.17E-06	4.07E-07	1.74E-02	2.75E-06	9.57E-07	8.59E-03	1.35E-06	4.71E-07	1.25E-02	1.97E-06	6.85E-07	3.85E-03	6.07E-07	2.11E-07
200	487627.14, 3856978.23	1.55E-02	2.45E-06	8.52E-07	6.94E-03	1.09E-06	3.81E-07	1.67E-02	2.63E-06	9.18E-07	8.03E-03	1.27E-06	4.41E-07	1.21E-02	1.91E-06	6.65E-07	3.61E-03	5.68E-07	1.98E-07
201	487677.14, 3856978.23	1.50E-02	2.36E-06	8.23E-07	6.50E-03	1.02E-06	3.57E-07	1.61E-02	2.54E-06	8.84E-07	7.53E-03	1.19E-06	4.13E-07	1.18E-02	1.86E-06	6.48E-07	3.38E-03	5.33E-07	1.86E-07
202	487727.14, 3856978.23	1.45E-02	2.28E-06	7.93E-07	6.14E-03	9.67E-07	3.37E-07	1.55E-02	2.44E-06	8.52E-07	7.11E-03	1.12E-06	3.90E-07	1.15E-02	1.81E-06	6.30E-07	3.19E-03	5.03E-07	1.75E-07
203	487777.14, 3856978.23	1.41E-02	2.22E-06	7.73E-07	5.78E-03	9.10E-07	3.17E-07	1.51E-02	2.37E-06	8.27E-07	6.69E-03	1.05E-06	3.67E-07	1.13E-02	1.78E-06	6.20E-07	3.00E-03	4.73E-07	1.65E-07
204	487427.14, 3857028.23	1.83E-02	2.89E-06	1.01E-06	8.98E-03	1.41E-06	4.93E-07	1.99E-02	3.13E-06	1.09E-06	1.04E-02	1.64E-06	5.71E-07	1.38E-02	2.18E-06	7.59E-07	4.67E-03	7.35E-07	2.56E-07
205	487477.14, 3857028.23	1.74E-02	2.75E-06	9.56E-07	8.24E-03	1.30E-06	4.52E-07	1.88E-02	2.97E-06	1.03E-06	9.54E-03	1.50E-06	5.24E-07	1.33E-02	2.10E-06	7.31E-07	4.28E-03	6.74E-07	2.35E-07
206	487527.14, 3857028.23	1.66E-02	2.62E-06	9.13E-07	7.61E-03	1.20E-06	4.18E-07	1.79E-02	2.83E-06	9.85E-07	8.82E-03	1.39E-06	4.84E-07	1.29E-02	2.03E-06	7.07E-07	3.96E-03	6.23E-07	2.17E-07
207	487577.14, 3857028.23	1.60E-02	2.51E-06	8.76E-07	7.07E-03	1.11E-06	3.88E-07	1.72E-02	2.71E-06	9.43E-07	8.19E-03	1.29E-06	4.50E-07	1.25E-02	1.97E-06	6.86E-07	3.68E-03	5.79E-07	2.02E-07
208	487627.14, 3857028.23	1.53E-02	2.42E-06	8.42E-07	6.62E-03	1.04E-06	3.63E-07	1.65E-02	2.60E-06	9.05E-07	7.66E-03	1.21E-06	4.21E-07	1.21E-02	1.91E-06	6.65E-07	3.44E-03	5.42E-07	1.89E-07
209	487677.14, 3857028.23	1.48E-02	2.33E-06	8.13E-07	6.21E-03	9.78E-07	3.41E-07	1.59E-02	2.50E-06	8.72E-07	7.19E-03	1.13E-06	3.95E-07	1.18E-02	1.86E-06	6.49E-07	3.23E-03	5.08E-07	1.77E-07
210	487727.14, 3857028.23	1.44E-02	2.26E-06	7.88E-07	5.84E-03	9.20E-07	3.20E-07	1.54E-02	2.42E-06	8.44E-07	6.76E-03	1.07E-06	3.71E-07	1.16E-02	1.82E-06	6.35E-07	3.03E-03	4.78E-07	1.67E-07
211	487777.14, 3857028.23	1.39E-02	2.20E-06	7.65E-07	5.51E-03	8.69E-07	3.03E-07	1.49E-02	2.35E-06	8.18E-07	6.39E-03	1.01E-06	3.50E-07	1.13E-02	1.78E-06	6.21E-07	2.87E-03	4.52E-07	1.57E-07
212	487427.14, 3857078.23	1.77E-02	2.79E-06	9.74E-07	8.26E-03	1.30E-06	4.53E-07	1.92E-02	3.02E-06	1.05E-06	9.57E-03	1.51E-06	5.25E-07	1.36E-02	2.15E-06	7.49E-07	4.29E-03	6.76E-07	2.36E-07
213	487477.14, 3857078.23	1.69E-02	2.66E-06	9.28E-07	7.61E-03	1.20E-06	4.17E-07	1.82E-02	2.87E-06	1.00E-06	8.81E-03	1.39E-06	4.84E-07	1.32E-02	2.07E-06	7.23E-07	3.95E-03	6.23E-07	2.17E-07
214	487527.14, 3857078.23	1.62E-02	2.55E-06	8.89E-07	7.05E-03	1.11E-06	3.87E-07	1.74E-02	2.74E-06	9.56E-07	8.16E-03	1.29E-06	4.48E-07	1.28E-02	2.01E-06	7.00E-07	3.66E-03	5.77E-07	2.01E-07
215	487577.14, 3857078.23	1.56E-02	2.45E-06	8.55E-07	6.57E-03	1.03E-06	3.61E-07	1.67E-02	2.63E-06	9.17E-07	7.61E-03	1.20E-06	4.18E-07	1.24E-02	1.95E-06	6.80E-07	3.42E-03	5.38E-07	1.87E-07
216	487627.14, 3857078.23	1.50E-02	2.37E-06	8.24E-07	6.16E-03	9.70E-07	3.38E-07	1.61E-02	2.53E-06	8.83E-07	7.13E-03	1.12E-06	3.91E-07	1.21E-02	1.90E-06	6.62E-07	3.20E-03	5.04E-07	1.76E-07
217	487677.14, 3857078.23	1.45E-02	2.29E-06	7.98E-07	5.79E-03	9.12E-07	3.18E-07	1.55E-02	2.45E-06	8.53E-07	6.71E-03	1.06E-06	3.68E-07	1.18E-02	1.86E-06	6.46E-07	3.01E-03	4.74E-07	1.65E-07
218	487727.14, 3857078.23	1.41E-02	2.22E-06	7.75E-07	5.46E-03	8.61E-07	3.00E-07	1.51E-02	2.37E-06	8.26E-07	6.33E-03	9.97E-07	3.47E-07	1.15E-02	1.82E-06	6.33E-07	2.84E-03	4.48E-07	1.56E-07
219	487777.14, 3857078.23	1.37E-02	2.16E-06	7.53E-07	5.18E-03	8.16E-07	2.84E-07	1.46E-02	2.30E-06	8.02E-07	6.00E-03	9.45E-07	3.29E-07	1.13E-02	1.78E-06	6.19E-07	2.69E-03	4.24E-07	1.48E-07
220	487427.14, 3857128.23	1.69E-02	2.66E-06	9.26E-07	7.30E-03	1.15E-06	4.01E-07	1.81E-02	2.86E-06	9.95E-07	8.45E-03	1.33E-06	4.64E-07	1.33E-02	2.10E-06	7.31E-07	3.79E-03	5.98E-07	2.08E-07
221	487477.14, 3857128.23	1.62E-02	2.55E-06	8.88E-07	6.79E-03	1.07E-06	3.72E-07	1.74E-02	2.73E-06	9.52E-07	7.86E-03	1.24E-06	4.31E-07	1.29E-02	2.03E-06	7.08E-07	3.53E-03	5.56E-07	1.94E-07
222	487527.14, 3857128.23	1.56E-02	2.45E-06	8.55E-07	6.34E-03	9.99E-07	3.48E-07	1.67E-02	2.63E-06	9.15E-07	7.35E-03	1.16E-06	4.03E-07	1.25E-02	1.97E-06	6.88E-07	3.30E-03	5.19E-07	1.81E-07
223	487577.14, 3857128.23	1.51E-02	2.37E-06	8.26E-07	5.95E-03	9.37E-07	3.27E-07	1.61E-02	2.53E-06	8.82E-07	6.89E-03	1.09E-06	3.78E-07	1.22E-02	1.93E-06	6.71E-07	3.09E-03	4.87E-07	1.70E-07
224	487627.14, 3857128.23	1.46E-02	2.30E-06	8.01E-07	5.60E-03	8.83E-07	3.08E-07	1.56E-02	2.45E-06	8.54E-07	6.49E-03	1.02E-06	3.56E-07	1.19E-02	1.88E-06	6.56E-07	2.91E-03	4.59E-07	1.60E-07
225	487677.14, 3857128.23	1.42E-02	2.23E-06	7.77E-07	5.30E-03	8.35E-07	2.91E-07	1.51E-02	2.37E-06	8.27E-07	6.14E-03	9.68E-07	3.37E-07	1.17E-02	1.84E-06	6.41E-07	2.76E-03	4.34E-07	1.51E-07
226	487727.14, 3857128.23	1.38E-02	2.17E-06	7.57E-07	5.02E-03	7.91E-07	2.76E-07	1.47E-02	2.31E-06	8.05E-07	5.82E-03	9.16E-07	3.19E-07	1.15E-02	1.81E-06	6.29E-07	2.61E-03	4.11E-07	1.43E-07
227	487777.14, 3857128.23	1.34E-02	2.12E-06	7.38E-07	4.78E-03	7.53E-07	2.62E-07	1.43E-02	2.25E-06	7.83E-07	5.53E-03	8.72E-07	3.04E-07	1.12E-02	1.77E-06	6.17E-07	2.48E-03	3.91E-07	1.36E-07
228	488049.44, 3856539.39	1.09E-02	1.72E-06	5.98E-07	4.51E-03	7.11E-07	2.48E-07	1.17E-02	1.84E-06	6.41E-07	5.23E-03	8.23E-07	2.87E-07	8.73E-03	1.38E-06	4.79E-07	2.35E-03	3.70E-07	1.29E-07
229	488099.44, 3856539.39	1.07E-02	1.68E-06	5.86E-07	4.38E-03	6.89E-07	2.40E-07	1.14E-02	1.80E-06	6.27E-07	5.07E-03	7.98E-07	2.78E-07	8.57E-03	1.35E-06	4.70E-07	2.27E-03	3.58E-07	1.25E-07
230	488149.44, 3856539.39	1.05E-02	1.65E-06	5.75E-07	4.24E-03	6.69E-07	2.33E-07	1.12E-02	1.77E-06	6.15E-07	4.92E-03	7.74E-07	2.70E-07	8.44E-03	1.33E-06	4.63E-07	2.21E-03	3.48E-07	1.21E-07
231	488049.44, 3856589.39	1.12E-02	1.76E-06	6.13E-07	4.60E-03	7.25E-07	2.52E-07	1.20E-02	1.88E-06	6.57E-07	5.33E-03	8.39E-07	2.92E-07	8.96E-03	1.41E-06	4.92E-07	2.39E-03	3.77E-07	1.31E-07
232	488099.44, 3856589.39	1.09E-02	1.72E-06	6.00E-07	4.45E-03	7.01E-07	2.44E-07	1.17E-02	1.84E-06	6.42E-07	5.16E-03	8.12E-07	2.83E-07	8.80E-03	1.39E-06	4.83E-07	2.32E-03	3.65E-07	1.27E-07
233	488149.44, 3856589.39	1.07E-02	1.69E-06	5.88E-07	4.31E-03	6.79E-07	2.37E-07	1.15E-02	1.80E-06	6.29E-07	4.99E-03	7.87E-07	2.74E-07	8.65E-03	1.36E-06	4.75E-07	2.24E-03	3.53E-07	1.23E-07
234	488199.44, 3856589.39	1.05E-02	1.65E-06	5.75E-07	4.18E-03	6.58E-07	2.29E-07	1.12E-02	1.77E-06	6.15E-07	4.84E-03	7.62E-07	2.66E-07	8.49E-03	1.34E-06	4.66E-07	2.17E-03	3.42E-07	1.19E-07
235	488249.44, 3856589.39	1.03E-02	1.63E-06	5.67E-07	4.05E-03	6.38E-07	2.22E-07	1.10E-02	1.74E-06	6.05E-07	4.69E-03	7.39E-07	2.58E-07	8.41E-03	1.32E-06	4.61E-07	2.11E-03	3.32E-07	1.16E-07
236	488049.44, 3856639.39	1.14E-02	1.80E-06	6.26E-07	4.67E-03	7.36E-07	2.56E-07	1.22E-02	1.92E-06	6.70E-07	5.41E-03	8.52E-07	2.97E-07	9.17E-03	1.44E-06	5.03E-07	2.43E-03	3.83E-07	1.33E-07
237	488099.44, 3856639.39	1.12E-02	1.76E-06	6.12E-07	4.52E-03	7.11E-07	2.48E-07	1.19E-02	1.88E-06	6.55E-07	5.23E-03	8.24E-07	2.87E-07	9.00E-03	1.42E-06	4.94E-07	2.35E-03	3.70E-07	1.29E-07
238	488149.44, 3856639.39	1.09E-02	1.72E-06	5.99E-07	4.37E-03	6.88E-07	2.40E-07	1.17E-02	1.84E-06	6.41E-07	5.06E-03	7.97E-07	2.78E-07	8.84E-03	1.39E-06	4.85E-07	2.27E-03	3.58E-07	1.25E-07
239	488199.44, 3856639.39	1.07E-02	1.69E-06	5.88E-07	4.22E-03	6.65E-07	2.32E-07	1.14E-02	1.80E-06	6.28E-07	4.89E-03	7.71E-07	2.68E-07	8.71E-03	1.37E-06	4.78E-07	2.20E-03	3.46E-07	1.21E-07
240	488249.44, 3856639.39	1.05E-02	1.66E-06	5.77E-07	4.09E-03	6.44E-07	2.24E-07	1.12E-02	1.77E-06	6.15E-07	4.74E-03	7.46E-07	2.60E-07	8.57E-03	1.35E-06	4.71E-07	2.13E-03	3.35E-07	1.17E-07
241	488299.44, 3856639.39	1.03E-02	1.63E-06	5.66E-07	3.96E-03	6.24E-07	2.17E-07	1.10E-02	1.73E-06	6.04E-07	4.59E-03	7.23E-07	2.52E-07	8.45E-03	1.33E-06	4.64E-07	2.06E-03	3.24E-07	1.13E-07
242	488349.44, 3856639.39	1.01E-02	1.59E-06	5.55E-07	3.84E-03	6.05E-07	2.11E-07	1.08E-02	1.70E-06	5.92E-07	4.45E-03	7.00E-07	2.44E-07	8.31E-03	1.31E-06	4.56E-07	2.00E-03	3.15E-07	1.10E-07
243	488399.44, 3856639.39	9.96E-03	1.57E-06	5.47E-07	3.72E-03	5.86E-07	2.04E-07	1.06E-02	1.67E-06	5.82E-07	4.31E-03	6.79E-07	2.37E-07	8.22E-03	1.29E-06	4.51E-07	1.94E-03	3.05E-07	1.06E-07
244	488099.44, 3856689.39	1.14E-02	1.79E-06	6.24E-07	4.56E-03	7.18E-07	2.50E-07	1.22E-02	1.92E-06	6.67E-07	5.28E-03	8.32E-07	2.90E-07	9.20E-03	1.45E-06	5.05E-07	2.37E-03	3.73E-07	1.30E-07
245	488149.44, 3856689.39	1.11E-02	1.75E-06	6.10E-07	4.40E-03	6.93E-07	2.42E-07	1.19E-02	1.87E-06	6.52E-07	5.10E-03	8.03E-07	2.80E-07	9.03E-03	1.42E-06	4.95E-07	2.29E-03	3.60E-07	1.26E-07
246	488199.44, 3856689.39	1.09E-02	1.72E-06	5.98E-07	4.25E-03	6.70E-07	2.33E-07	1.16E-02	1.83E-06	6.38E-07	4.92E-03	7.76E-07	2.70E-07	8.89E-03	1.40E-06	4.88E-07	2.21E-03	3.48E-07	1.21E-07
247	488249.44, 3856689.39	1.07E-02	1.68E-06	5.86E-07	4.11E-03	6.48E-07	2.26E-07	1.14E-02	1.79E-06	6.25E-07	4.76E-03	7.50E-07	2.61E-07	8.73E-03	1.38E-06	4.79E-07	2.14E-03	3.37E-07	1.17E-07
248	488299.44, 3856689.39	1.05E-02	1.65E-06	5.75E-07	3.97E-03	6.26E-07	2.18E-07	1.12E-02	1.76E-06	6.13E-07	4.60E-03	7.25E-07	2.53E-07	8.62E-03	1.36E-06	4.73E-07	2.07E-03	3.26E-07	1.13E-07
249	488349.44, 3856689.39	1.03E-02	1.62E-06	5.64E-07	3.85E-03	6.06E-07	2.11E-07	1.09E-02	1.72E-06	6.01E-07	4.46E-03	7.02E-07	2.45E-07	8.48E-03	1.34E-06	4.65E-07	2.00E-03	3.15E-07	1.10E-07
250	488399.44, 3856689.39	1.01E-02	1.58E-06	5.52E-07	3.73E-03	5.88E-07	2.05E-07	1.07E-02	1.69E-06	5.87E-07	4.32E-03	6.81E-07	2.37E-07	8.32E-03	1.31E-06	4.57E-07	1.94E-03	3.06E-07	1.06E-07
251	488099.44, 3856739.39	1.16E-02	1.82E-06	6.35E-07	4.58E-03	7.21E-07	2.51E-07	1.24E-02	1.95E-06	6.78E-07	5.30E-03	8.35E-07	2.91E-07	9.39E-03	1.48E-06	5.16E-07	2.38E-03	3.75E-07	1.31E-07
252	488149.44, 3856739.39	1.13E-02	1.78E-06	6.20E-07	4.41E-03	6.95E-07	2.42E-07	1.21E-02	1.90E-06	6.62E-07	5.11E-03	8.05E-07	2.81E-07	9.20E-03	1.45E-06	5.05E-07	2.30E-03	3.62E-07	1.26E-07
253	488199.44, 3856739.39	1.11E-02	1.74E-06	6.08E-07	4.26E-03	6.70E-07	2.34E-07	1.18E-02	1.86E-06	6.48E-07	4.93E-03	7.76E-07	2.71E-07	9.07E-03	1.43E-06	4.98E-07	2.21E-03	3.49E-07	1.21E-07
254	488249.44, 3856739.39	1.08E-02	1.71E-06	5.95E-07	4.11E-03	6.47E-07	2.26E-07	1.15E-02	1.82E-06	6.34E-07	4.76E-03	7.50E-07	2.61E-07	8.90E-03	1.40E-06	4.89E-07	2.14E-03	3.37E-07	1.17E-07
255	488299.44, 3856739.39	1.06E-02	1.67E-06	5.81E-07	3.97E-03	6.26E-07	2.18E-07	1.13E-02	1.78E-06	6.18E-07	4.60E-03	7.25E-07	2.53E-07	8.72E-03	1.37E-06	4.79E-07	2.07E-03	3.26E-07	1.13E-07
256	488349.44, 3856739.39	1.04E-02	1.64E-06	5.72E-07	3.84E-03	6.05E-07	2.11E-07	1.11E-02	1.75E-06	6.08E-07	4.45E-03	7.01E-07	2.44E-07	8.63E-03	1.36E-06	4.74E-07	2.00E-03	3.15E-07	1.10E-07
257	488399.44, 3856739.39	1.03E-02	1.62E-06	5.63E-07	3.71E-03	5.85E-07	2.04E-07	1.09E-02	1.72E-06	5.98E-07	4.30E-03	6.77E-07	2.36E-07	8.54E-03	1.34E-06	4.68E-07	1.93E-03	3.04E-07	1.06E-07
258	487999.44, 3856789.39	1.23E-02	1.93E-06	6.73E-07	4.96E-03	7.81E-07	2.72E-07	1.31E-02	2.07E-06	7.19E-07	5.74E-03	9.04E-07	3.15E-07	9.88E-03	1.56E-06	5.42E-07	2.58E-03	4.06E-07	1.41E-07
259	488049.44, 3856789.39	1.20E-02	1.88E-06	6.56E-07	4.76E-03	7.50E-07	2.61E-07	1.28E-02	2.01E-06	7.02E-07	5.51E-03	8.68E-07	3.03E-07	9.69E-03	1.53E-06	5.32E-07	2.47E-03	3.90E-07	1.36E-07
260	488099.44, 3856789.39	1.17E-02	1.84E-06	6.43E-07	4.57E-03	7.20E-07	2.51E-07	1.25E-02	1.97E-06	6.86E-07	5.29E-03	8.34E-07	2.91E-07	9.54E-03	1.50E-06	5.24E-07	2.38E-03	3.74E-07	1.30E-07
261	488149.44, 3856789.39	1.14E-02	1.80E-06	6.28E-07	4.40E-03	6.93E-07	2.42E-07	1.22E-02	1.92E-06	6.69E-07	5.10E-03	8.03E-07	2.80E-07	9.36E-03	1.47E-06	5.14E-07	2.29E-03	3.61E-07	1.26E-07
262	488199.44, 3856789.39	1.12E-02	1.76E-06	6.15E-07	4.24E-03	6.68E-07	2.33E-07	1.19E-02	1.88E-06	6.55E-07	4.91E-03	7.73E-07	2.69E-07	9.21E-03	1.45E-06	5.05E-07	2.20E-03	3.47E-07	1.21E-07
263	488249.44, 3856789.39	1.10E-02	1.73E-06	6.01E-07	4.09E-03	6.44E-07	2.24E-07	1.17E-02	1.84E-06	6.40E-07	4.73E-03	7.46E-07	2.60E-07	9.05E-03	1.43E-06	4.97E-07	2.13E-03	3.35E-07	1.17E-07
264	488299.44, 3856789.39	1.07E-02	1.69E-06	5.88E-07	3.95E-03	6.22E-07	2.17E-07	1.14E-02	1.79E-06	6.25E-07	4.57E-03	7.20E-07	2.51E-07	8.87E-03	1.40E-06	4.87E-07	2.05E-03	3.23E-07	1.13E-07

265	488349.44, 3856789.39	1.05E-02	1.66E-06	5.79E-07	3.81E-03	6.00E-07	2.09E-07	1.12E-02	1.76E-06	6.15E-07	4.41E-03	6.95E-07	2.42E-07	8.78E-03	1.38E-06	4.82E-07	1.98E-03	3.12E-07	1.09E-07
266	488399.44, 3856789.39	1.04E-02	1.63E-06	5.69E-07	3.68E-03	5.80E-07	2.02E-07	1.10E-02	1.73E-06	6.03E-07	4.26E-03	6.71E-07	2.34E-07	8.67E-03	1.37E-06	4.76E-07	1.91E-03	3.01E-07	1.05E-07
267	487949.44, 3856839.39	1.27E-02	2.00E-06	6.97E-07	5.15E-03	8.12E-07	2.83E-07	1.36E-02	2.14E-06	7.45E-07	5.97E-03	9.40E-07	3.28E-07	1.02E-02	1.61E-06	5.61E-07	2.68E-03	4.22E-07	1.47E-07
268	487999.44, 3856839.39	1.24E-02	1.95E-06	6.79E-07	4.93E-03	7.77E-07	2.71E-07	1.32E-02	2.08E-06	7.26E-07	5.71E-03	9.00E-07	3.14E-07	1.00E-02	1.58E-06	5.50E-07	2.56E-03	4.04E-07	1.41E-07
269	488049.44, 3856839.39	1.21E-02	1.90E-06	6.63E-07	4.73E-03	7.45E-07	2.60E-07	1.29E-02	2.03E-06	7.07E-07	5.48E-03	8.63E-07	3.01E-07	9.83E-03	1.55E-06	5.40E-07	2.46E-03	3.87E-07	1.35E-07
270	488099.44, 3856839.39	1.18E-02	1.86E-06	6.48E-07	4.54E-03	7.15E-07	2.49E-07	1.26E-02	1.98E-06	6.91E-07	5.25E-03	8.28E-07	2.88E-07	9.66E-03	1.52E-06	5.30E-07	2.36E-03	3.72E-07	1.29E-07
271	488149.44, 3856839.39	1.15E-02	1.82E-06	6.34E-07	4.36E-03	6.87E-07	2.39E-07	1.23E-02	1.94E-06	6.75E-07	5.05E-03	7.95E-07	2.77E-07	9.50E-03	1.50E-06	5.21E-07	2.27E-03	3.57E-07	1.24E-07
272	488199.44, 3856839.39	1.13E-02	1.78E-06	6.20E-07	4.19E-03	6.60E-07	2.30E-07	1.20E-02	1.89E-06	6.60E-07	4.85E-03	7.65E-07	2.66E-07	9.34E-03	1.47E-06	5.13E-07	2.18E-03	3.43E-07	1.20E-07
273	487949.44, 3856889.39	1.28E-02	2.01E-06	7.01E-07	5.09E-03	8.03E-07	2.80E-07	1.36E-02	2.15E-06	7.49E-07	5.90E-03	9.30E-07	3.24E-07	1.03E-02	1.63E-06	5.67E-07	2.65E-03	4.17E-07	1.45E-07
274	487999.44, 3856889.39	1.25E-02	1.96E-06	6.84E-07	4.86E-03	7.66E-07	2.67E-07	1.33E-02	2.10E-06	7.30E-07	5.63E-03	8.87E-07	3.09E-07	1.02E-02	1.60E-06	5.58E-07	2.53E-03	3.98E-07	1.39E-07
275	488049.44, 3856889.39	1.21E-02	1.91E-06	6.66E-07	4.66E-03	7.34E-07	2.56E-07	1.29E-02	2.04E-06	7.10E-07	5.40E-03	8.50E-07	2.96E-07	9.94E-03	1.57E-06	5.45E-07	2.42E-03	3.82E-07	1.33E-07
276	488099.44, 3856889.39	1.19E-02	1.87E-06	6.51E-07	4.46E-03	7.03E-07	2.45E-07	1.26E-02	1.99E-06	6.94E-07	5.17E-03	8.14E-07	2.84E-07	9.78E-03	1.54E-06	5.37E-07	2.32E-03	3.66E-07	1.27E-07
277	488635.86, 3857895.05	2.34E-02	3.68E-06	1.28E-06	1.14E-03	1.79E-07	6.24E-08	2.36E-02	3.71E-06	1.29E-06	1.29E-03	2.03E-07	7.09E-08	2.34E-02	3.69E-06	1.28E-06	6.70E-04	1.06E-07	3.68E-08
278	489137.64, 3857804.15	1.45E-02	2.29E-06	7.96E-07	1.12E-03	1.76E-07	6.13E-08	1.47E-02	2.31E-06	8.06E-07	1.28E-03	2.02E-07	7.04E-08	1.44E-02	2.27E-06	7.90E-07	6.12E-04	9.65E-08	3.36E-08
279	488617.32, 3857859.41	2.29E-02	3.61E-06	1.26E-06	1.18E-03	1.86E-07	6.49E-08	2.31E-02	3.64E-06	1.27E-06	1.34E-03	2.12E-07	7.37E-08	2.29E-02	3.61E-06	1.26E-06	6.91E-04	1.09E-07	3.79E-08
280	488667.32, 3857859.41	2.17E-02	3.42E-06	1.19E-06	1.17E-03	1.84E-07	6.41E-08	2.19E-02	3.45E-06	1.20E-06	1.33E-03	2.09E-07	7.30E-08	2.17E-02	3.41E-06	1.19E-06	6.77E-04	1.07E-07	3.72E-08
281	488717.32, 3857859.41	2.06E-02	3.24E-06	1.13E-06	1.15E-03	1.82E-07	6.34E-08	2.08E-02	3.27E-06	1.14E-06	1.32E-03	2.07E-07	7.22E-08	2.06E-02	3.24E-06	1.13E-06	6.64E-04	1.05E-07	3.64E-08
282	488767.32, 3857859.41	1.96E-02	3.09E-06	1.08E-06	1.14E-03	1.79E-07	6.25E-08	1.98E-02	3.12E-06	1.09E-06	1.30E-03	2.05E-07	7.14E-08	1.96E-02	3.09E-06	1.08E-06	6.50E-04	1.02E-07	3.57E-08
283	488617.32, 3857909.41	2.42E-02	3.82E-06	1.33E-06	1.13E-03	1.78E-07	6.19E-08	2.44E-02	3.84E-06	1.34E-06	1.28E-03	2.01E-07	7.02E-08	2.43E-02	3.82E-06	1.33E-06	6.70E-04	1.06E-07	3.68E-08
284	488667.32, 3857909.41	2.27E-02	3.58E-06	1.25E-06	1.11E-03	1.74E-07	6.08E-08	2.29E-02	3.60E-06	1.25E-06	1.26E-03	1.98E-07	6.91E-08	2.27E-02	3.58E-06	1.25E-06	6.50E-04	1.02E-07	3.57E-08
285	488717.32, 3857909.41	2.13E-02	3.35E-06	1.17E-06	1.09E-03	1.72E-07	6.01E-08	2.15E-02	3.38E-06	1.18E-06	1.25E-03	1.96E-07	6.84E-08	2.13E-02	3.36E-06	1.17E-06	6.36E-04	1.00E-07	3.49E-08
286	488767.32, 3857909.41	2.02E-02	3.17E-06	1.11E-06	1.08E-03	1.70E-07	5.93E-08	2.03E-02	3.20E-06	1.12E-06	1.23E-03	1.94E-07	6.76E-08	2.02E-02	3.18E-06	1.11E-06	6.21E-04	9.78E-08	3.41E-08
287	488417.32, 3857959.41	3.51E-02	5.53E-06	1.93E-06	1.19E-03	1.87E-07	6.51E-08	3.52E-02	5.55E-06	1.93E-06	1.32E-03	2.09E-07	7.27E-08	3.52E-02	5.55E-06	1.93E-06	7.65E-04	1.20E-07	4.20E-08
288	488467.32, 3857959.41	3.16E-02	4.98E-06	1.73E-06	1.14E-03	1.80E-07	6.28E-08	3.18E-02	5.00E-06	1.74E-06	1.28E-03	2.02E-07	7.04E-08	3.17E-02	5.00E-06	1.74E-06	7.21E-04	1.14E-07	3.96E-08
289	488517.32, 3857959.41	2.87E-02	4.52E-06	1.58E-06	1.11E-03	1.75E-07	6.09E-08	2.89E-02	4.55E-06	1.58E-06	1.25E-03	1.97E-07	6.85E-08	2.88E-02	4.54E-06	1.58E-06	6.85E-04	1.08E-07	3.76E-08
290	488567.32, 3857959.41	2.63E-02	4.14E-06	1.44E-06	1.08E-03	1.70E-07	5.93E-08	2.64E-02	4.17E-06	1.45E-06	1.22E-03	1.92E-07	6.70E-08	2.64E-02	4.16E-06	1.45E-06	6.56E-04	1.03E-07	3.60E-08
291	488617.32, 3857959.41	2.43E-02	3.83E-06	1.33E-06	1.06E-03	1.67E-07	5.81E-08	2.44E-02	3.85E-06	1.34E-06	1.20E-03	1.89E-07	6.58E-08	2.44E-02	3.84E-06	1.34E-06	6.33E-04	9.97E-08	3.47E-08
292	488667.32, 3857959.41	2.26E-02	3.56E-06	1.24E-06	1.04E-03	1.64E-07	5.72E-08	2.28E-02	3.59E-06	1.25E-06	1.18E-03	1.86E-07	6.49E-08	2.27E-02	3.58E-06	1.25E-06	6.14E-04	9.67E-08	3.37E-08
293	488717.32, 3857959.41	2.12E-02	3.34E-06	1.16E-06	1.03E-03	1.62E-07	5.63E-08	2.14E-02	3.37E-06	1.17E-06	1.17E-03	1.84E-07	6.41E-08	2.13E-02	3.36E-06	1.17E-06	5.98E-04	9.41E-08	3.28E-08
294	488767.32, 3857959.41	2.00E-02	3.16E-06	1.10E-06	1.01E-03	1.60E-07	5.57E-08	2.02E-02	3.18E-06	1.11E-06	1.16E-03	1.82E-07	6.34E-08	2.01E-02	3.17E-06	1.10E-06	5.84E-04	9.21E-08	3.21E-08
295	488417.32, 3858009.41	3.27E-02	5.16E-06	1.80E-06	1.09E-03	1.72E-07	5.99E-08	3.29E-02	5.18E-06	1.80E-06	1.22E-03	1.92E-07	6.70E-08	3.29E-02	5.19E-06	1.81E-06	6.98E-04	1.10E-07	3.83E-08
296	488467.32, 3858009.41	2.95E-02	4.64E-06	1.62E-06	1.05E-03	1.66E-07	5.77E-08	2.96E-02	4.67E-06	1.63E-06	1.18E-03	1.86E-07	6.48E-08	2.97E-02	4.67E-06	1.63E-06	6.57E-04	1.04E-07	3.61E-08
297	488517.32, 3858009.41	2.69E-02	4.23E-06	1.47E-06	1.02E-03	1.61E-07	5.60E-08	2.70E-02	4.25E-06	1.48E-06	1.15E-03	1.81E-07	6.31E-08	2.70E-02	4.26E-06	1.48E-06	6.25E-04	9.84E-08	3.43E-08
298	488567.32, 3858009.41	2.47E-02	3.90E-06	1.36E-06	9.95E-04	1.57E-07	5.46E-08	2.49E-02	3.92E-06	1.37E-06	1.13E-03	1.77E-07	6.18E-08	2.49E-02	3.92E-06	1.37E-06	5.99E-04	9.44E-08	3.29E-08
299	488617.32, 3858009.41	2.30E-02	3.62E-06	1.26E-06	9.78E-04	1.54E-07	5.37E-08	2.31E-02	3.65E-06	1.27E-06	1.11E-03	1.75E-07	6.09E-08	2.32E-02	3.65E-06	1.27E-06	5.80E-04	9.14E-08	3.19E-08
300	488667.32, 3858009.41	2.16E-02	3.40E-06	1.18E-06	9.65E-04	1.52E-07	5.30E-08	2.17E-02	3.42E-06	1.19E-06	1.10E-03	1.73E-07	6.02E-08	2.17E-02	3.42E-06	1.19E-06	5.65E-04	8.90E-08	3.10E-08
301	488717.32, 3858009.41	2.03E-02	3.21E-06	1.12E-06	9.53E-04	1.50E-07	5.23E-08	2.05E-02	3.23E-06	1.12E-06	1.09E-03	1.71E-07	5.96E-08	2.05E-02	3.23E-06	1.12E-06	5.52E-04	8.70E-08	3.03E-08
302	488767.32, 3858009.41	1.93E-02	3.04E-06	1.06E-06	9.44E-04	1.49E-07	5.18E-08	1.95E-02	3.07E-06	1.07E-06	1.08E-03	1.70E-07	5.91E-08	1.95E-02	3.06E-06	1.07E-06	5.42E-04	8.53E-08	2.97E-08
303	488417.32, 3858059.41	2.71E-02	4.27E-06	1.49E-06	9.59E-04	1.51E-07	5.27E-08	2.72E-02	4.29E-06	1.49E-06	1.08E-03	1.70E-07	5.93E-08	2.73E-02	4.31E-06	1.50E-06	5.91E-04	9.30E-08	3.24E-08
304	488467.32, 3858059.41	2.52E-02	3.97E-06	1.38E-06	9.36E-04	1.47E-07	5.14E-08	2.53E-02	3.99E-06	1.39E-06	1.06E-03	1.67E-07	5.80E-08	2.55E-02	4.01E-06	1.40E-06	5.67E-04	8.94E-08	3.11E-08
305	488517.32, 3858059.41	2.36E-02	3.72E-06	1.29E-06	9.17E-04	1.45E-07	5.03E-08	2.37E-02	3.74E-06	1.30E-06	1.04E-03	1.64E-07	5.70E-08	2.38E-02	3.75E-06	1.31E-06	5.48E-04	8.63E-08	3.01E-08
306	488567.32, 3858059.41	2.22E-02	3.50E-06	1.22E-06	9.03E-04	1.42E-07	4.95E-08	2.23E-02	3.52E-06	1.23E-06	1.02E-03	1.61E-07	5.62E-08	2.24E-02	3.53E-06	1.23E-06	5.32E-04	8.39E-08	2.92E-08
307	488617.32, 3858059.41	2.10E-02	3.31E-06	1.15E-06	8.91E-04	1.40E-07	4.89E-08	2.11E-02	3.33E-06	1.16E-06	1.01E-03	1.60E-07	5.56E-08	2.12E-02	3.34E-06	1.17E-06	5.20E-04	8.19E-08	2.85E-08
308	488667.32, 3858059.41	2.00E-02	3.15E-06	1.10E-06	8.84E-04	1.39E-07	4.85E-08	2.01E-02	3.17E-06	1.10E-06	1.01E-03	1.59E-07	5.53E-08	2.02E-02	3.18E-06	1.11E-06	5.10E-04	8.04E-08	2.80E-08
309	488417.32, 3858109.41	2.23E-02	3.51E-06	1.22E-06	8.48E-04	1.34E-07	4.66E-08	2.24E-02	3.53E-06	1.23E-06	9.63E-04	1.52E-07	5.29E-08	2.26E-02	3.55E-06	1.24E-06	4.99E-04	7.87E-08	2.74E-08
310	488467.32, 3858109.41	2.15E-02	3.38E-06	1.18E-06	8.37E-04	1.32E-07	4.59E-08	2.16E-02	3.40E-06	1.18E-06	9.51E-04	1.50E-07	5.22E-08	2.18E-02	3.43E-06	1.19E-06	4.89E-04	7.70E-08	2.68E-08
311	488517.32, 3858109.41	2.06E-02	3.25E-06	1.13E-06	8.26E-04	1.30E-07	4.53E-08	2.08E-02	3.27E-06	1.14E-06	9.41E-04	1.48E-07	5.16E-08	2.09E-02	3.30E-06	1.15E-06	4.79E-04	7.55E-08	2.63E-08
312	488567.32, 3858109.41	1.99E-02	3.13E-06	1.09E-06	8.19E-04	1.29E-07	4.49E-08	2.00E-02	3.15E-06	1.10E-06	9.33E-04	1.47E-07	5.12E-08	2.01E-02	3.17E-06	1.11E-06	4.71E-04	7.42E-08	2.59E-08
313	488617.32, 3858109.41	1.92E-02	3.02E-06	1.05E-06	8.12E-04	1.28E-07	4.46E-08	1.93E-02	3.04E-06	1.06E-06	9.27E-04	1.46E-07	5.09E-08	1.94E-02	3.06E-06	1.07E-06	4.64E-04	7.31E-08	2.55E-08
314	488667.32, 3858109.41	1.85E-02	2.91E-06	1.01E-06	8.09E-04	1.28E-07	4.44E-08	1.86E-02	2.93E-06	1.02E-06	9.25E-04	1.46E-07	5.07E-08	1.87E-02	2.95E-06	1.03E-06	4.60E-04	7.24E-08	2.52E-08
315	488769.93, 3858449.27	1.66E-02	2.61E-06	9.09E-07	5.36E-04	8.45E-08	2.94E-08	1.67E-02	2.62E-06	9.14E-07	6.19E-04	9.75E-08	3.40E-08	1.71E-02	2.70E-06	9.39E-07	2.87E-04	4.52E-08	1.57E-08
316	488819.93, 3858449.27	1.63E-02	2.58E-06	8.97E-07	5.35E-04	8.42E-08	2.93E-08	1.64E-02	2.59E-06	9.02E-07	6.17E-04	9.71E-08	3.38E-08	1.69E-02	2.66E-06	9.27E-07	2.86E-04	4.51E-08	1.57E-08
317	488819.93, 3858499.27	1.69E-02	2.66E-06	9.28E-07	5.14E-04	8.09E-08	2.82E-08	1.70E-02	2.68E-06	9.33E-07	5.93E-04	9.34E-08	3.25E-08	1.75E-02	2.76E-06	9.60E-07	2.74E-04	4.32E-08	1.50E-08
318	488869.93, 3858499.27	1.67E-02	2.63E-06	9.16E-07	5.12E-04	8.06E-08	2.81E-08	1.68E-02	2.64E-06	9.21E-07	5.90E-04	9.30E-08	3.24E-08	1.73E-02	2.72E-06	9.48E-07	2.73E-04	4.30E-08	1.50E-08
319	488869.93, 3858549.27	1.74E-02	2.75E-06	9.58E-07	4.93E-04	7.77E-08	2.71E-08	1.75E-02	2.76E-06	9.62E-07	5.69E-04	8.96E-08	3.12E-08	1.81E-02	2.85E-06	9.92E-07	2.63E-04	4.14E-08	1.44E-08
320	489438.17, 3859571.48	2.49E-02	3.93E-06	1.37E-06	2.81E-04	4.43E-08	1.54E-08	2.50E-02	3.93E-06	1.37E-06	3.24E-04	5.10E-08	1.78E-08	2.61E-02	4.12E-06	1.43E-06	1.53E-04	2.41E-08	8.39E-09
321	489488.17, 3859571.48	2.41E-02	3.80E-06	1.32E-06	2.81E-04	4.43E-08	1.54E-08	2.42E-02	3.81E-06	1.33E-06	3.24E-04	5.10E-08	1.78E-08	2.53E-02	3.98E-06	1.39E-06	1.53E-04	2.40E-08	8.38E-09
322	489538.17, 3859571.48	2.34E-02	3.69E-06	1.28E-06	2.81E-04	4.43E-08	1.54E-08	2.35E-02	3.70E-06	1.29E-06	3.23E-04	5.10E-08	1.78E-08	2.45E-02	3.86E-06	1.35E-06	1.52E-04	2.40E-08	8.35E-09
323	489588.17, 3859571.48	2.28E-02	3.59E-06	1.25E-06	2.80E-04	4.41E-08	1.54E-08	2.28E-02	3.59E-06	1.25E-06	3.22E-04	5.08E-08	1.77E-08	2.39E-02	3.76E-06	1.31E-06	1.51E-04	2.39E-08	8.31E-09
324	489438.17, 3859621.48	2.44E-02	3.85E-06	1.34E-06	2.74E-04	4.31E-08	1.50E-08	2.45E-02	3.85E-06	1.34E-06	3.15E-04	4.96E-08	1.73E-08	2.56E-02	4.03E-06	1.40E-06	1.49E-04	2.35E-08	8.17E-09
325	489488.17, 3859621.48	2.37E-02	3.74E-06	1.30E-06	2.74E-04	4.31E-08	1.50E-08	2.38E-02	3.74E-06	1.30E-06	3.15E-04	4.96E-08	1.73E-08	2.48E-02	3.91E-06	1.36E-06	1.49E-04	2.34E-08	8.16E-09
326	489538.17, 3859621.48	2.30E-02	3.63E-06	1.26E-06	2.74E-04	4.31E-08	1.50E-08	2.31E-02	3.64E-06	1.27E-06	3.15E-04	4.96E-08	1.73E-08	2.41E-02	3.80E-06	1.32E-06	1.48E-04	2.34E-08	8.15E-09
327	489588.17, 3859621.48	2.24E-02	3.52E-06	1.23E-06	2.74E-04	4.31E-08	1.50E-08	2.24E-02	3.53E-06	1.23E-06	3.15E-04	4.96E-08	1.73E-08	2.34E-02	3.69E-06	1.29E-06	1.48E-04	2.33E-08	8.13E-09
328	489238.17, 3859671.48	2.70E-02	4.26E-06	1.48E-06	2.63E-04	4.15E-08	1.45E-08	2.71E-02	4.26E-06	1.49E-06	3.02E-04	4.76E-08	1.66E-08	2.83E-02	4.46E-06	1.56E-06	1.45E-04	2.29E-08	7.98E-09
329	489288.17, 3859671.48	2.62E-02	4.13E-06	1.44E-06	2.64E-04	4.15E-08	1.45E-08	2.63E-02	4.14E-06	1.44E-06	3.03E-04	4.77E-08	1.66E-08	2.75E-02	4.33E-06	1.51E-06	1.45E-04	2.28E-08	7.96E-09
330	489338.17, 3859671.48	2.54E-02	4.00E-06	1.40E-06	2.64E-04	4.16E-08	1.45E-08	2.55E-02	4.01E-06	1.40E-06	3.04E-04	4.78E-08	1.67E-08	2.67E-02	4.20E-06	1.46E-06	1.45E-04	2.28E-08	7.95E-09
331	489388.17, 3859671.48	2.46E-02	3.88E-06	1.35E-06	2.65E-04	4.18E-08	1.46E-08	2.47E-02	3.89E-06	1.35E-06	3.05E-04	4.80E-08	1.67E-08	2.58E-02	4.07E-06	1.42E-06	1.45E-04	2.28E-08	7.96E-09

332	489438.17, 3859671.48	2.40E-02	3.77E-06	1.31E-06	2.66E-04	4.19E-08	1.46E-08	2.40E-02	3.78E-06	1.32E-06	3.06E-04	4.81E-08	1.68E-08	2.51E-02	3.96E-06	1.38E-06	1.45E-04	2.28E-08	7.95E-09
333	489488.17, 3859671.48	2.32E-02	3.66E-06	1.28E-06	2.67E-04	4.20E-08	1.46E-08	2.33E-02	3.67E-06	1.28E-06	3.07E-04	4.83E-08	1.68E-08	2.44E-02	3.84E-06	1.34E-06	1.45E-04	2.28E-08	7.96E-09
334	489538.17, 3859671.48	2.26E-02	3.56E-06	1.24E-06	2.67E-04	4.21E-08	1.47E-08	2.27E-02	3.57E-06	1.24E-06	3.07E-04	4.84E-08	1.69E-08	2.37E-02	3.73E-06	1.30E-06	1.45E-04	2.28E-08	7.95E-09
335	489588.17, 3859671.48	2.20E-02	3.46E-06	1.21E-06	2.67E-04	4.21E-08	1.47E-08	2.20E-02	3.47E-06	1.21E-06	3.08E-04	4.85E-08	1.69E-08	2.30E-02	3.63E-06	1.26E-06	1.45E-04	2.28E-08	7.94E-09
336	489238.17, 3859721.48	2.65E-02	4.17E-06	1.45E-06	2.56E-04	4.03E-08	1.40E-08	2.65E-02	4.18E-06	1.46E-06	2.94E-04	4.63E-08	1.61E-08	2.78E-02	4.38E-06	1.53E-06	1.41E-04	2.23E-08	7.76E-09
337	489288.17, 3859721.48	2.56E-02	4.03E-06	1.40E-06	2.57E-04	4.04E-08	1.41E-08	2.56E-02	4.03E-06	1.41E-06	2.95E-04	4.64E-08	1.62E-08	2.68E-02	4.22E-06	1.47E-06	1.41E-04	2.22E-08	7.75E-09
338	489338.17, 3859721.48	2.49E-02	3.92E-06	1.36E-06	2.57E-04	4.05E-08	1.41E-08	2.49E-02	3.92E-06	1.37E-06	2.95E-04	4.65E-08	1.62E-08	2.61E-02	4.11E-06	1.43E-06	1.41E-04	2.22E-08	7.74E-09
339	489388.17, 3859721.48	2.42E-02	3.81E-06	1.33E-06	2.58E-04	4.06E-08	1.41E-08	2.42E-02	3.82E-06	1.33E-06	2.96E-04	4.66E-08	1.63E-08	2.54E-02	4.00E-06	1.39E-06	1.41E-04	2.22E-08	7.73E-09
340	489438.17, 3859721.48	2.36E-02	3.71E-06	1.29E-06	2.58E-04	4.07E-08	1.42E-08	2.36E-02	3.72E-06	1.30E-06	2.97E-04	4.68E-08	1.63E-08	2.47E-02	3.89E-06	1.36E-06	1.41E-04	2.22E-08	7.73E-09
341	489488.17, 3859721.48	2.29E-02	3.61E-06	1.26E-06	2.59E-04	4.08E-08	1.42E-08	2.29E-02	3.61E-06	1.26E-06	2.98E-04	4.70E-08	1.64E-08	2.40E-02	3.78E-06	1.32E-06	1.41E-04	2.22E-08	7.74E-09
342	489538.17, 3859721.48	2.23E-02	3.51E-06	1.22E-06	2.60E-04	4.10E-08	1.43E-08	2.23E-02	3.52E-06	1.23E-06	2.99E-04	4.71E-08	1.64E-08	2.33E-02	3.68E-06	1.28E-06	1.41E-04	2.22E-08	7.74E-09
343	489588.17, 3859721.48	2.17E-02	3.42E-06	1.19E-06	2.61E-04	4.10E-08	1.43E-08	2.17E-02	3.42E-06	1.19E-06	3.00E-04	4.72E-08	1.65E-08	2.27E-02	3.58E-06	1.25E-06	1.41E-04	2.22E-08	7.74E-09
344	489238.17, 3859771.48	2.61E-02	4.12E-06	1.43E-06	2.49E-04	3.92E-08	1.36E-08	2.62E-02	4.12E-06	1.44E-06	2.85E-04	4.50E-08	1.57E-08	2.74E-02	4.32E-06	1.50E-06	1.37E-04	2.16E-08	7.54E-09
345	489288.17, 3859771.48	2.52E-02	3.98E-06	1.39E-06	2.49E-04	3.93E-08	1.37E-08	2.53E-02	3.98E-06	1.39E-06	2.86E-04	4.51E-08	1.57E-08	2.65E-02	4.17E-06	1.45E-06	1.37E-04	2.16E-08	7.53E-09
346	489338.17, 3859771.48	2.46E-02	3.88E-06	1.35E-06	2.49E-04	3.93E-08	1.37E-08	2.46E-02	3.88E-06	1.35E-06	2.87E-04	4.51E-08	1.57E-08	2.58E-02	4.07E-06	1.42E-06	1.37E-04	2.16E-08	7.51E-09
347	489388.17, 3859771.48	2.40E-02	3.77E-06	1.31E-06	2.50E-04	3.94E-08	1.37E-08	2.40E-02	3.78E-06	1.32E-06	2.87E-04	4.53E-08	1.58E-08	2.51E-02	3.96E-06	1.38E-06	1.37E-04	2.15E-08	7.51E-09
348	489438.17, 3859771.48	2.34E-02	3.68E-06	1.28E-06	2.51E-04	3.95E-08	1.38E-08	2.34E-02	3.69E-06	1.28E-06	2.88E-04	4.54E-08	1.58E-08	2.45E-02	3.86E-06	1.34E-06	1.37E-04	2.15E-08	7.50E-09
349	489488.17, 3859771.48	2.27E-02	3.57E-06	1.24E-06	2.52E-04	3.97E-08	1.38E-08	2.27E-02	3.58E-06	1.25E-06	2.90E-04	4.56E-08	1.59E-08	2.38E-02	3.74E-06	1.30E-06	1.37E-04	2.16E-08	7.52E-09
350	489538.17, 3859771.48	2.20E-02	3.47E-06	1.21E-06	2.53E-04	3.99E-08	1.39E-08	2.21E-02	3.48E-06	1.21E-06	2.91E-04	4.59E-08	1.60E-08	2.31E-02	3.64E-06	1.27E-06	1.37E-04	2.16E-08	7.54E-09
351	489588.17, 3859771.48	2.15E-02	3.39E-06	1.18E-06	2.54E-04	4.00E-08	1.39E-08	2.15E-02	3.39E-06	1.18E-06	2.92E-04	4.60E-08	1.60E-08	2.25E-02	3.55E-06	1.24E-06	1.37E-04	2.16E-08	7.54E-09
352	489238.17, 3859821.48	2.61E-02	4.11E-06	1.43E-06	2.42E-04	3.81E-08	1.33E-08	2.61E-02	4.12E-06	1.43E-06	2.77E-04	4.37E-08	1.52E-08	2.74E-02	4.31E-06	1.50E-06	1.33E-04	2.10E-08	7.32E-09
353	489288.17, 3859821.48	2.52E-02	3.97E-06	1.38E-06	2.42E-04	3.81E-08	1.33E-08	2.52E-02	3.98E-06	1.39E-06	2.78E-04	4.38E-08	1.53E-08	2.64E-02	4.17E-06	1.45E-06	1.33E-04	2.10E-08	7.31E-09
354	489338.17, 3859821.48	2.45E-02	3.87E-06	1.35E-06	2.42E-04	3.82E-08	1.33E-08	2.46E-02	3.87E-06	1.35E-06	2.78E-04	4.39E-08	1.53E-08	2.57E-02	4.06E-06	1.41E-06	1.33E-04	2.09E-08	7.29E-09
355	489388.17, 3859821.48	2.39E-02	3.76E-06	1.31E-06	2.43E-04	3.83E-08	1.33E-08	2.39E-02	3.77E-06	1.31E-06	2.79E-04	4.40E-08	1.53E-08	2.51E-02	3.95E-06	1.38E-06	1.33E-04	2.09E-08	7.29E-09
356	489438.17, 3859821.48	2.32E-02	3.66E-06	1.27E-06	2.44E-04	3.84E-08	1.34E-08	2.32E-02	3.66E-06	1.28E-06	2.80E-04	4.42E-08	1.54E-08	2.43E-02	3.83E-06	1.34E-06	1.33E-04	2.10E-08	7.30E-09
357	489488.17, 3859821.48	2.25E-02	3.55E-06	1.24E-06	2.45E-04	3.86E-08	1.34E-08	2.26E-02	3.56E-06	1.24E-06	2.82E-04	4.44E-08	1.55E-08	2.36E-02	3.72E-06	1.30E-06	1.33E-04	2.10E-08	7.32E-09
358	489538.17, 3859821.48	2.19E-02	3.45E-06	1.20E-06	2.46E-04	3.88E-08	1.35E-08	2.19E-02	3.46E-06	1.20E-06	2.83E-04	4.46E-08	1.55E-08	2.30E-02	3.62E-06	1.26E-06	1.34E-04	2.10E-08	7.33E-09
359	489588.17, 3859821.48	2.14E-02	3.37E-06	1.17E-06	2.47E-04	3.89E-08	1.36E-08	2.14E-02	3.37E-06	1.18E-06	2.84E-04	4.48E-08	1.56E-08	2.24E-02	3.53E-06	1.23E-06	1.34E-04	2.11E-08	7.34E-09
360	489238.17, 3859871.48	2.64E-02	4.15E-06	1.45E-06	2.35E-04	3.71E-08	1.29E-08	2.64E-02	4.16E-06	1.45E-06	2.70E-04	4.25E-08	1.48E-08	2.77E-02	4.36E-06	1.52E-06	1.30E-04	2.05E-08	7.13E-09
361	489288.17, 3859871.48	2.56E-02	4.03E-06	1.40E-06	2.35E-04	3.71E-08	1.29E-08	2.56E-02	4.04E-06	1.41E-06	2.70E-04	4.26E-08	1.48E-08	2.68E-02	4.23E-06	1.47E-06	1.29E-04	2.04E-08	7.11E-09
362	489338.17, 3859871.48	2.47E-02	3.89E-06	1.36E-06	2.36E-04	3.71E-08	1.29E-08	2.48E-02	3.90E-06	1.36E-06	2.71E-04	4.26E-08	1.49E-08	2.59E-02	4.09E-06	1.42E-06	1.29E-04	2.04E-08	7.09E-09
363	489388.17, 3859871.48	2.40E-02	3.78E-06	1.32E-06	2.36E-04	3.72E-08	1.30E-08	2.40E-02	3.78E-06	1.32E-06	2.72E-04	4.28E-08	1.49E-08	2.51E-02	3.96E-06	1.38E-06	1.29E-04	2.04E-08	7.09E-09
364	489438.17, 3859871.48	2.32E-02	3.65E-06	1.27E-06	2.38E-04	3.74E-08	1.30E-08	2.32E-02	3.66E-06	1.27E-06	2.73E-04	4.31E-08	1.50E-08	2.43E-02	3.83E-06	1.33E-06	1.30E-04	2.04E-08	7.11E-09
365	489488.17, 3859871.48	2.23E-02	3.52E-06	1.23E-06	2.39E-04	3.77E-08	1.31E-08	2.24E-02	3.53E-06	1.23E-06	2.75E-04	4.34E-08	1.51E-08	2.34E-02	3.69E-06	1.29E-06	1.30E-04	2.05E-08	7.14E-09
366	489538.17, 3859871.48	2.18E-02	3.44E-06	1.20E-06	2.40E-04	3.78E-08	1.32E-08	2.19E-02	3.45E-06	1.20E-06	2.76E-04	4.35E-08	1.51E-08	2.29E-02	3.61E-06	1.26E-06	1.30E-04	2.05E-08	7.14E-09
367	489588.17, 3859871.48	2.13E-02	3.35E-06	1.17E-06	2.41E-04	3.79E-08	1.32E-08	2.13E-02	3.36E-06	1.17E-06	2.77E-04	4.36E-08	1.52E-08	2.23E-02	3.51E-06	1.22E-06	1.30E-04	2.05E-08	7.15E-09
368	489238.17, 3859921.48	2.69E-02	4.23E-06	1.48E-06	2.29E-04	3.61E-08	1.26E-08	2.69E-02	4.24E-06	1.48E-06	2.63E-04	4.15E-08	1.45E-08	2.82E-02	4.45E-06	1.55E-06	1.26E-04	1.99E-08	6.94E-09
369	489288.17, 3859921.48	2.58E-02	4.06E-06	1.42E-06	2.30E-04	3.62E-08	1.26E-08	2.58E-02	4.07E-06	1.42E-06	2.64E-04	4.16E-08	1.45E-08	2.71E-02	4.27E-06	1.49E-06	1.26E-04	1.99E-08	6.93E-09
370	489338.17, 3859921.48	2.50E-02	3.93E-06	1.37E-06	2.30E-04	3.62E-08	1.26E-08	2.50E-02	3.94E-06	1.37E-06	2.64E-04	4.16E-08	1.45E-08	2.62E-02	4.13E-06	1.44E-06	1.26E-04	1.98E-08	6.92E-09
371	489388.17, 3859921.48	2.41E-02	3.79E-06	1.32E-06	2.31E-04	3.63E-08	1.27E-08	2.41E-02	3.80E-06	1.32E-06	2.65E-04	4.18E-08	1.46E-08	2.53E-02	3.98E-06	1.39E-06	1.26E-04	1.99E-08	6.92E-09
372	489438.17, 3859921.48	2.31E-02	3.64E-06	1.27E-06	2.32E-04	3.66E-08	1.27E-08	2.32E-02	3.65E-06	1.27E-06	2.67E-04	4.20E-08	1.46E-08	2.42E-02	3.82E-06	1.33E-06	1.26E-04	1.99E-08	6.94E-09
373	489488.17, 3859921.48	2.24E-02	3.53E-06	1.23E-06	2.33E-04	3.67E-08	1.28E-08	2.24E-02	3.53E-06	1.23E-06	2.68E-04	4.22E-08	1.47E-08	2.35E-02	3.70E-06	1.29E-06	1.27E-04	2.00E-08	6.95E-09
374	489538.17, 3859921.48	2.18E-02	3.43E-06	1.20E-06	2.34E-04	3.68E-08	1.28E-08	2.18E-02	3.44E-06	1.20E-06	2.69E-04	4.24E-08	1.48E-08	2.29E-02	3.60E-06	1.25E-06	1.27E-04	2.00E-08	6.96E-09
375	489588.17, 3859921.48	2.11E-02	3.32E-06	1.16E-06	2.35E-04	3.70E-08	1.29E-08	2.11E-02	3.33E-06	1.16E-06	2.70E-04	4.26E-08	1.48E-08	2.21E-02	3.48E-06	1.21E-06	1.27E-04	2.00E-08	6.98E-09
376	489238.17, 3859971.48	2.74E-02	4.32E-06	1.50E-06	2.24E-04	3.53E-08	1.23E-08	2.74E-02	4.32E-06	1.51E-06	2.57E-04	4.05E-08	1.41E-08	2.88E-02	4.53E-06	1.58E-06	1.23E-04	1.94E-08	6.76E-09
377	489288.17, 3859971.48	2.64E-02	4.15E-06	1.45E-06	2.24E-04	3.53E-08	1.23E-08	2.64E-02	4.16E-06	1.45E-06	2.57E-04	4.05E-08	1.41E-08	2.77E-02	4.36E-06	1.52E-06	1.23E-04	1.94E-08	6.74E-09
378	489338.17, 3859971.48	2.53E-02	3.99E-06	1.39E-06	2.24E-04	3.53E-08	1.23E-08	2.54E-02	4.00E-06	1.39E-06	2.58E-04	4.06E-08	1.41E-08	2.66E-02	4.19E-06	1.46E-06	1.23E-04	1.93E-08	6.74E-09
379	489388.17, 3859971.48	2.43E-02	3.82E-06	1.33E-06	2.25E-04	3.55E-08	1.24E-08	2.43E-02	3.83E-06	1.33E-06	2.59E-04	4.08E-08	1.42E-08	2.54E-02	4.01E-06	1.40E-06	1.23E-04	1.94E-08	6.75E-09
380	489438.17, 3859971.48	2.31E-02	3.63E-06	1.27E-06	2.27E-04	3.57E-08	1.24E-08	2.31E-02	3.64E-06	1.27E-06	2.61E-04	4.11E-08	1.43E-08	2.42E-02	3.81E-06	1.33E-06	1.23E-04	1.94E-08	6.77E-09
381	489488.17, 3859971.48	2.18E-02	3.43E-06	1.19E-06	2.29E-04	3.60E-08	1.25E-08	2.18E-02	3.43E-06	1.20E-06	2.63E-04	4.14E-08	1.44E-08	2.28E-02	3.59E-06	1.25E-06	1.24E-04	1.95E-08	6.81E-09
382	489538.17, 3859971.48	2.08E-02	3.28E-06	1.14E-06	2.30E-04	3.62E-08	1.26E-08	2.08E-02	3.28E-06	1.14E-06	2.64E-04	4.17E-08	1.45E-08	2.18E-02	3.43E-06	1.20E-06	1.24E-04	1.96E-08	6.83E-09
383	489588.17, 3859971.48	2.00E-02	3.15E-06	1.10E-06	2.31E-04	3.64E-08	1.27E-08	2.00E-02	3.16E-06	1.10E-06	2.66E-04	4.19E-08	1.46E-08	2.10E-02	3.30E-06	1.15E-06	1.25E-04	1.97E-08	6.85E-09
384	483577.7, 3854071	1.26E-03	1.98E-07	6.90E-08	3.75E-04	5.90E-08	2.06E-08	1.32E-03	2.08E-07	7.26E-08	4.34E-04	6.83E-08	2.38E-08	1.10E-03	1.73E-07	6.01E-08	1.95E-04	3.08E-08	1.07E-08
385	483627.7, 3854071	1.26E-03	1.98E-07	6.91E-08	3.90E-04	6.14E-08	2.14E-08	1.33E-03	2.09E-07	7.28E-08	4.51E-04	7.11E-08	2.48E-08	1.09E-03	1.71E-07	5.97E-08	2.03E-04	3.20E-08	1.11E-08
386	483677.7, 3854071	1.25E-03	1.98E-07	6.89E-08	4.02E-04	6.34E-08	2.21E-08	1.32E-03	2.09E-07	7.27E-08	4.66E-04	7.34E-08	2.56E-08	1.07E-03	1.69E-07	5.90E-08	2.10E-04	3.30E-08	1.15E-08
387	483727.7, 3854071	1.25E-03	1.96E-07	6.84E-08	4.12E-04	6.49E-08	2.26E-08	1.32E-03	2.07E-07	7.23E-08	4.77E-04	7.52E-08	2.62E-08	1.06E-03	1.67E-07	5.82E-08	2.15E-04	3.38E-08	1.18E-08
388	483777.7, 3854071	1.22E-03	1.93E-07	6.71E-08	4.18E-04	6.58E-08	2.29E-08	1.29E-03	2.04E-07	7.10E-08	4.83E-04	7.61E-08	2.65E-08	1.03E-03	1.62E-07	5.66E-08	2.18E-04	3.43E-08	1.19E-08
389	483577.7, 3854121	1.29E-03	2.03E-07	7.08E-08	3.77E-04	5.94E-08	2.07E-08	1.35E-03	2.13E-07	7.43E-08	4.37E-04	6.88E-08	2.40E-08	1.13E-03	1.77E-07	6.18E-08	1.97E-04	3.10E-08	1.08E-08
390	483627.7, 3854121	1.28E-03	2.02E-07	7.04E-08	3.94E-04	6.21E-08	2.16E-08	1.35E-03	2.13E-07	7.41E-08	4.56E-04	7.18E-08	2.50E-08	1.11E-03	1.75E-07	6.09E-08	2.05E-04	3.24E-08	1.13E-08
391	483677.7, 3854121	1.27E-03	2.00E-07	6.96E-08	4.09E-04	6.44E-08	2.24E-08	1.34E-03	2.11E-07	7.34E-08	4.74E-04	7.46E-08	2.60E-08	1.08E-03	1.71E-07	5.95E-08	2.13E-04	3.36E-08	1.17E-08
392	483727.7, 3854121	1.25E-03	1.97E-07	6.86E-08	4.21E-04	6.64E-08	2.31E-08	1.32E-03	2.08E-07	7.25E-08	4.88E-04	7.69E-08	2.68E-08	1.06E-03	1.67E-07	5.80E-08	2.20E-04	3.46E-08	1.21E-08
393	483777.7, 3854121	1.24E-03	1.96E-07	6.83E-08	4.34E-04	6.84E-08	2.38E-08	1.32E-03	2.08E-07	7.24E-08	5.03E-04	7.92E-08	2.76E-08	1.04E-03	1.64E-07	5.73E-08	2.26E-04	3.56E-08	1.24E-08
394	483577.7, 3854171	1.30E-03	2.05E-07	7.12E-08	3.80E-04	5.99E-08	2.09E-08	1.36E-03	2.15E-07	7.48E-08	4.40E-04	6.93E-08	2.41E-08	1.13E-03	1.79E-07	6.22E-08	1.98E-04	3.12E-08	1.09E-08
395	483627.7, 3854171	1.28E-03	2.02E-07	7.02E-08	3.97E-04	6.25E-08	2.18E-08	1.35E-03	2.12E-07	7.40E-08	4.59E-04	7.23E-08	2.52E-08	1.10E-03	1.74E-07	6.06E-08	2.07E-04	3.26E-08	1.14E-08
396	483677.7, 3854171	1.27E-03	2.00E-07	6.98E-08	4.13E-04	6.51E-08	2.27E-08	1.34E-03	2.11E-07	7.37E-08	4.79E-04	7.54E-08	2.63E-08	1.09E-03	1.71E-07	5.96E-08	2.15E-04	3.39E-08	1.18E-08
397	483727.7, 3854171	1.27E-03	2.00E-07	6.96E-08	4.30E-04	6.77E-08	2.36E-08	1.34E-03	2.12E-07	7.37E-08	4.98E-04	7.84E-08	2.73E-08	1.07E-03	1.69E-07	5.89E-08	2.24E-04	3.53E-08	1.23E-08
398	483777.7, 3854171	1.26E-03	1.99E-07	6.92E-08	4.43E-04	6.99E-08	2.43E-08	1.34E-03	2.11E-07	7.34E-08	5.13E-04	8.09E-08	2.82E-08	1.06E-03	1.66E-07	5.80E-08	2.31E-04	3.64E-08	1.27E-08

399	483827.7, 3854171	1.24E-03	1.95E-07	6.79E-08	4.50E-04	7.09E-08	2.47E-08	1.31E-03	2.07E-07	7.21E-08	5.21E-04	8.21E-08	2.86E-08	1.03E-03	1.62E-07	5.63E-08	2.35E-04	3.70E-08	1.29E-08
400	483877.7, 3854171	1.22E-03	1.93E-07	6.72E-08	4.53E-04	7.13E-08	2.48E-08	1.30E-03	2.05E-07	7.15E-08	5.24E-04	8.25E-08	2.88E-08	1.01E-03	1.59E-07	5.55E-08	2.36E-04	3.72E-08	1.29E-08
401	483727.7, 3854221	1.29E-03	2.03E-07	7.08E-08	4.33E-04	6.82E-08	2.38E-08	1.36E-03	2.15E-07	7.49E-08	5.01E-04	7.89E-08	2.75E-08	1.09E-03	1.72E-07	5.99E-08	2.26E-04	3.56E-08	1.24E-08
402	483777.7, 3854221	1.28E-03	2.02E-07	7.04E-08	4.48E-04	7.07E-08	2.46E-08	1.36E-03	2.14E-07	7.46E-08	5.19E-04	8.18E-08	2.85E-08	1.08E-03	1.69E-07	5.90E-08	2.34E-04	3.68E-08	1.28E-08
403	483827.7, 3854221	1.30E-03	2.04E-07	7.11E-08	4.64E-04	7.31E-08	2.55E-08	1.38E-03	2.17E-07	7.55E-08	5.37E-04	8.46E-08	2.95E-08	1.08E-03	1.70E-07	5.92E-08	2.42E-04	3.81E-08	1.33E-08
404	483877.7, 3854221	1.28E-03	2.01E-07	7.01E-08	4.70E-04	7.40E-08	2.58E-08	1.36E-03	2.14E-07	7.45E-08	5.44E-04	8.57E-08	2.99E-08	1.06E-03	1.66E-07	5.80E-08	2.45E-04	3.86E-08	1.34E-08
405	489150.19, 3858726.45	2.01E-02	3.16E-06	1.10E-06	4.30E-04	6.77E-08	2.36E-08	2.01E-02	3.17E-06	1.11E-06	4.96E-04	7.81E-08	2.72E-08	2.09E-02	3.29E-06	1.15E-06	2.28E-04	3.60E-08	1.25E-08
406	489200.19, 3858726.45	1.97E-02	3.10E-06	1.08E-06	4.28E-04	6.74E-08	2.35E-08	1.98E-02	3.11E-06	1.08E-06	4.94E-04	7.78E-08	2.71E-08	2.05E-02	3.23E-06	1.12E-06	2.28E-04	3.59E-08	1.25E-08
407	489150.19, 3858776.45	2.17E-02	3.42E-06	1.19E-06	4.17E-04	6.57E-08	2.29E-08	2.18E-02	3.43E-06	1.20E-06	4.81E-04	7.58E-08	2.64E-08	2.26E-02	3.57E-06	1.24E-06	2.22E-04	3.49E-08	1.22E-08
408	489200.19, 3858776.45	2.11E-02	3.33E-06	1.16E-06	4.15E-04	6.54E-08	2.28E-08	2.12E-02	3.34E-06	1.16E-06	4.79E-04	7.55E-08	2.63E-08	2.20E-02	3.47E-06	1.21E-06	2.21E-04	3.48E-08	1.21E-08
409	488919.6, 3856400.76	7.74E-03	1.22E-06	4.25E-07	2.74E-03	4.32E-07	1.50E-07	8.21E-03	1.29E-06	4.51E-07	3.18E-03	5.00E-07	1.74E-07	6.48E-03	1.02E-06	3.56E-07	1.43E-03	2.25E-07	7.83E-08
410	488919.6, 3856450.76	7.89E-03	1.24E-06	4.33E-07	2.77E-03	4.36E-07	1.52E-07	8.37E-03	1.32E-06	4.59E-07	3.20E-03	5.05E-07	1.76E-07	6.62E-03	1.04E-06	3.63E-07	1.44E-03	2.27E-07	7.90E-08
411	488969.6, 3856450.76	7.78E-03	1.22E-06	4.27E-07	2.70E-03	4.26E-07	1.48E-07	8.24E-03	1.30E-06	4.52E-07	3.13E-03	4.93E-07	1.72E-07	6.54E-03	1.03E-06	3.59E-07	1.41E-03	2.21E-07	7.72E-08
412	488919.6, 3856500.76	8.03E-03	1.27E-06	4.41E-07	2.78E-03	4.38E-07	1.53E-07	8.51E-03	1.34E-06	4.67E-07	3.22E-03	5.08E-07	1.77E-07	6.76E-03	1.07E-06	3.71E-07	1.45E-03	2.28E-07	7.95E-08
413	488969.6, 3856500.76	7.92E-03	1.25E-06	4.35E-07	2.72E-03	4.28E-07	1.49E-07	8.39E-03	1.32E-06	4.61E-07	3.15E-03	4.96E-07	1.73E-07	6.69E-03	1.05E-06	3.67E-07	1.41E-03	2.23E-07	7.76E-08
414	488919.6, 3856550.76	8.18E-03	1.29E-06	4.49E-07	2.79E-03	4.40E-07	1.53E-07	8.66E-03	1.36E-06	4.75E-07	3.23E-03	5.09E-07	1.77E-07	6.91E-03	1.09E-06	3.79E-07	1.45E-03	2.29E-07	7.97E-08
415	488969.6, 3856550.76	8.06E-03	1.27E-06	4.42E-07	2.72E-03	4.29E-07	1.50E-07	8.53E-03	1.34E-06	4.68E-07	3.16E-03	4.97E-07	1.73E-07	6.82E-03	1.07E-06	3.74E-07	1.42E-03	2.23E-07	7.78E-08
416	488819.6, 3856600.76	8.55E-03	1.35E-06	4.69E-07	2.94E-03	4.63E-07	1.61E-07	9.06E-03	1.43E-06	4.97E-07	3.40E-03	5.36E-07	1.87E-07	7.21E-03	1.14E-06	3.96E-07	1.53E-03	2.41E-07	8.39E-08
417	488869.6, 3856600.76	8.42E-03	1.33E-06	4.62E-07	2.86E-03	4.51E-07	1.57E-07	8.91E-03	1.40E-06	4.89E-07	3.32E-03	5.22E-07	1.82E-07	7.12E-03	1.12E-06	3.91E-07	1.49E-03	2.35E-07	8.18E-08
418	488919.6, 3856600.76	8.30E-03	1.31E-06	4.56E-07	2.79E-03	4.40E-07	1.53E-07	8.78E-03	1.38E-06	4.82E-07	3.23E-03	5.09E-07	1.77E-07	7.04E-03	1.11E-06	3.86E-07	1.45E-03	2.29E-07	7.97E-08
419	488819.6, 3856650.76	8.67E-03	1.37E-06	4.76E-07	2.93E-03	4.62E-07	1.61E-07	9.18E-03	1.45E-06	5.04E-07	3.40E-03	5.35E-07	1.86E-07	7.34E-03	1.16E-06	4.03E-07	1.53E-03	2.40E-07	8.37E-08
420	488869.6, 3856650.76	8.54E-03	1.34E-06	4.69E-07	2.86E-03	4.50E-07	1.57E-07	9.03E-03	1.42E-06	4.96E-07	3.31E-03	5.21E-07	1.82E-07	7.25E-03	1.14E-06	3.98E-07	1.49E-03	2.34E-07	8.15E-08
421	488819.6, 3856700.76	8.79E-03	1.38E-06	4.82E-07	2.91E-03	4.59E-07	1.60E-07	9.29E-03	1.46E-06	5.10E-07	3.37E-03	5.32E-07	1.85E-07	7.47E-03	1.18E-06	4.10E-07	1.52E-03	2.39E-07	8.32E-08
422	488869.6, 3856700.76	8.65E-03	1.36E-06	4.75E-07	2.84E-03	4.47E-07	1.56E-07	9.14E-03	1.44E-06	5.01E-07	3.29E-03	5.18E-07	1.80E-07	7.37E-03	1.16E-06	4.05E-07	1.48E-03	2.33E-07	8.10E-08
423	488819.6, 3856750.76	8.88E-03	1.40E-06	4.87E-07	2.89E-03	4.55E-07	1.58E-07	9.38E-03	1.48E-06	5.15E-07	3.34E-03	5.27E-07	1.83E-07	7.59E-03	1.20E-06	4.17E-07	1.50E-03	2.37E-07	8.24E-08
424	488869.6, 3856750.76	8.75E-03	1.38E-06	4.80E-07	2.81E-03	4.43E-07	1.54E-07	9.23E-03	1.45E-06	5.07E-07	3.25E-03	5.13E-07	1.79E-07	7.50E-03	1.18E-06	4.12E-07	1.46E-03	2.30E-07	8.02E-08
425	488819.6, 3857050.76	9.35E-03	1.47E-06	5.13E-07	2.49E-03	3.92E-07	1.37E-07	9.78E-03	1.54E-06	5.37E-07	2.88E-03	4.54E-07	1.58E-07	8.32E-03	1.31E-06	4.57E-07	1.30E-03	2.04E-07	7.12E-08
426	488869.6, 3857050.76	9.26E-03	1.46E-06	5.08E-07	2.43E-03	3.82E-07	1.33E-07	9.68E-03	1.52E-06	5.31E-07	2.81E-03	4.43E-07	1.54E-07	8.27E-03	1.30E-06	4.54E-07	1.26E-03	1.99E-07	6.94E-08
427	488919.6, 3857050.76	9.18E-03	1.45E-06	5.04E-07	2.37E-03	3.73E-07	1.30E-07	9.58E-03	1.51E-06	5.26E-07	2.74E-03	4.31E-07	1.50E-07	8.21E-03	1.29E-06	4.51E-07	1.23E-03	1.94E-07	6.76E-08
428	488819.6, 3857100.76	9.44E-03	1.49E-06	5.18E-07	2.40E-03	3.78E-07	1.32E-07	9.85E-03	1.55E-06	5.40E-07	2.77E-03	4.37E-07	1.52E-07	8.47E-03	1.33E-06	4.65E-07	1.25E-03	1.97E-07	6.85E-08
429	488869.6, 3857100.76	9.35E-03	1.47E-06	5.13E-07	2.34E-03	3.68E-07	1.28E-07	9.75E-03	1.54E-06	5.35E-07	2.71E-03	4.26E-07	1.49E-07	8.41E-03	1.33E-06	4.62E-07	1.22E-03	1.92E-07	6.69E-08
430	488919.6, 3857100.76	9.28E-03	1.46E-06	5.09E-07	2.28E-03	3.59E-07	1.25E-07	9.68E-03	1.52E-06	5.31E-07	2.64E-03	4.16E-07	1.45E-07	8.38E-03	1.32E-06	4.60E-07	1.19E-03	1.87E-07	6.52E-08
431	488819.6, 3857150.76	9.54E-03	1.50E-06	5.23E-07	2.30E-03	3.62E-07	1.26E-07	9.93E-03	1.56E-06	5.45E-07	2.66E-03	4.19E-07	1.46E-07	8.63E-03	1.36E-06	4.74E-07	1.20E-03	1.89E-07	6.58E-08
432	488869.6, 3857150.76	9.47E-03	1.49E-06	5.20E-07	2.24E-03	3.53E-07	1.23E-07	9.86E-03	1.55E-06	5.41E-07	2.60E-03	4.09E-07	1.43E-07	8.59E-03	1.35E-06	4.72E-07	1.17E-03	1.84E-07	6.42E-08
433	488919.6, 3857150.76	9.40E-03	1.48E-06	5.16E-07	2.19E-03	3.45E-07	1.20E-07	9.78E-03	1.54E-06	5.37E-07	2.54E-03	4.00E-07	1.39E-07	8.55E-03	1.35E-06	4.69E-07	1.14E-03	1.80E-07	6.28E-08
434	488969.6, 3857150.76	9.34E-03	1.47E-06	5.13E-07	2.14E-03	3.37E-07	1.18E-07	9.71E-03	1.53E-06	5.33E-07	2.48E-03	3.91E-07	1.36E-07	8.51E-03	1.34E-06	4.67E-07	1.12E-03	1.76E-07	6.13E-08
435	488819.6, 3857200.76	9.67E-03	1.52E-06	5.30E-07	2.20E-03	3.46E-07	1.21E-07	1.00E-02	1.58E-06	5.51E-07	2.55E-03	4.01E-07	1.40E-07	8.82E-03	1.39E-06	4.84E-07	1.15E-03	1.81E-07	6.29E-08
436	488869.6, 3857200.76	9.61E-03	1.51E-06	5.28E-07	2.15E-03	3.38E-07	1.18E-07	9.98E-03	1.57E-06	5.48E-07	2.49E-03	3.92E-07	1.36E-07	8.80E-03	1.39E-06	4.83E-07	1.12E-03	1.77E-07	6.15E-08
437	488919.6, 3857200.76	9.56E-03	1.51E-06	5.25E-07	2.10E-03	3.31E-07	1.15E-07	9.92E-03	1.56E-06	5.44E-07	2.43E-03	3.83E-07	1.33E-07	8.76E-03	1.38E-06	4.81E-07	1.10E-03	1.73E-07	6.02E-08
438	488969.6, 3857200.76	9.49E-03	1.50E-06	5.21E-07	2.06E-03	3.24E-07	1.13E-07	9.85E-03	1.55E-06	5.40E-07	2.38E-03	3.75E-07	1.31E-07	8.72E-03	1.37E-06	4.79E-07	1.07E-03	1.69E-07	5.89E-08
439	488819.6, 3857250.76	9.82E-03	1.55E-06	5.39E-07	2.10E-03	3.31E-07	1.15E-07	1.02E-02	1.60E-06	5.59E-07	2.43E-03	3.83E-07	1.33E-07	9.04E-03	1.42E-06	4.96E-07	1.10E-03	1.73E-07	6.01E-08
440	488869.6, 3857250.76	9.78E-03	1.54E-06	5.37E-07	2.05E-03	3.24E-07	1.13E-07	1.01E-02	1.60E-06	5.56E-07	2.38E-03	3.74E-07	1.30E-07	9.02E-03	1.42E-06	4.95E-07	1.07E-03	1.69E-07	5.89E-08
441	488919.6, 3857250.76	9.73E-03	1.53E-06	5.34E-07	2.01E-03	3.17E-07	1.10E-07	1.01E-02	1.59E-06	5.53E-07	2.33E-03	3.67E-07	1.28E-07	9.00E-03	1.42E-06	4.94E-07	1.05E-03	1.66E-07	5.77E-08
442	488969.6, 3857250.76	9.69E-03	1.53E-06	5.32E-07	1.97E-03	3.10E-07	1.08E-07	1.00E-02	1.58E-06	5.50E-07	2.28E-03	3.59E-07	1.25E-07	8.98E-03	1.41E-06	4.93E-07	1.03E-03	1.62E-07	5.65E-08
443	488819.6, 3857300.76	1.00E-02	1.58E-06	5.50E-07	2.00E-03	3.15E-07	1.10E-07	1.04E-02	1.63E-06	5.69E-07	2.31E-03	3.64E-07	1.27E-07	9.31E-03	1.47E-06	5.11E-07	1.04E-03	1.64E-07	5.73E-08
444	488869.6, 3857300.76	9.99E-03	1.57E-06	5.49E-07	1.96E-03	3.08E-07	1.07E-07	1.03E-02	1.63E-06	5.67E-07	2.27E-03	3.57E-07	1.24E-07	9.30E-03	1.47E-06	5.11E-07	1.02E-03	1.61E-07	5.62E-08
445	488919.6, 3857300.76	9.97E-03	1.57E-06	5.47E-07	1.92E-03	3.02E-07	1.05E-07	1.03E-02	1.62E-06	5.65E-07	2.22E-03	3.50E-07	1.22E-07	9.30E-03	1.46E-06	5.10E-07	1.00E-03	1.58E-07	5.51E-08
446	488819.6, 3857450.76	1.11E-02	1.74E-06	6.07E-07	1.70E-03	2.69E-07	9.36E-08	1.13E-02	1.79E-06	6.23E-07	1.97E-03	3.10E-07	1.08E-07	1.05E-02	1.66E-06	5.79E-07	8.98E-04	1.41E-07	4.93E-08
447	488869.6, 3857450.76	1.11E-02	1.74E-06	6.08E-07	1.68E-03	2.65E-07	9.22E-08	1.14E-02	1.79E-06	6.24E-07	1.94E-03	3.06E-07	1.07E-07	1.06E-02	1.67E-06	5.80E-07	8.86E-04	1.39E-07	4.86E-08
448	488919.6, 3857450.76	1.11E-02	1.75E-06	6.09E-07	1.65E-03	2.60E-07	9.07E-08	1.14E-02	1.79E-06	6.25E-07	1.91E-03	3.01E-07	1.05E-07	1.06E-02	1.67E-06	5.82E-07	8.72E-04	1.37E-07	4.79E-08
449	488819.6, 3857500.76	1.16E-02	1.83E-06	6.38E-07	1.61E-03	2.54E-07	8.86E-08	1.19E-02	1.87E-06	6.53E-07	1.87E-03	2.94E-07	1.02E-07	1.12E-02	1.76E-06	6.13E-07	8.54E-04	1.35E-07	4.69E-08
450	488869.6, 3857500.76	1.17E-02	1.84E-06	6.40E-07	1.59E-03	2.51E-07	8.74E-08	1.19E-02	1.88E-06	6.55E-07	1.84E-03	2.90E-07	1.01E-07	1.12E-02	1.77E-06	6.16E-07	8.43E-04	1.33E-07	4.63E-08
451	488919.6, 3857500.76	1.17E-02	1.84E-06	6.41E-07	1.57E-03	2.47E-07	8.62E-08	1.19E-02	1.88E-06	6.56E-07	1.81E-03	2.86E-07	9.95E-08	1.12E-02	1.77E-06	6.17E-07	8.32E-04	1.31E-07	4.57E-08
452	488819.6, 3857550.76	1.24E-02	1.95E-06	6.78E-07	1.53E-03	2.41E-07	8.40E-08	1.26E-02	1.99E-06	6.93E-07	1.77E-03	2.78E-07	9.69E-08	1.20E-02	1.89E-06	6.57E-07	8.14E-04	1.28E-07	4.47E-08
453	488869.6, 3857550.76	1.24E-02	1.95E-06	6.79E-07	1.51E-03	2.38E-07	8.30E-08	1.26E-02	1.99E-06	6.93E-07	1.74E-03	2.75E-07	9.57E-08	1.20E-02	1.89E-06	6.59E-07	8.05E-04	1.27E-07	4.42E-08
454	488919.6, 3857550.76	1.24E-02	1.95E-06	6.79E-07	1.49E-03	2.35E-07	8.19E-08	1.26E-02	1.99E-06	6.93E-07	1.72E-03	2.71E-07	9.45E-08	1.20E-02	1.89E-06	6.59E-07	7.95E-04	1.25E-07	4.37E-08
455	489663.71, 3860900.05	9.23E-03	1.45E-06	5.07E-07	1.41E-04	2.21E-08	7.72E-09	9.26E-03	1.46E-06	5.08E-07	1.62E-04	2.56E-08	8.92E-09	9.66E-03	1.52E-06	5.30E-07	7.41E-05	1.17E-08	4.07E-09
456	489813.71, 3860900.05	9.00E-03	1.42E-06	4.94E-07	1.41E-04	2.23E-08	7.76E-09	9.03E-03	1.42E-06	4.95E-07	1.63E-04	2.57E-08	8.97E-09	9.42E-03	1.48E-06	5.17E-07	7.45E-05	1.17E-08	4.09E-09
457	489863.71, 3860900.05	8.91E-03	1.40E-06	4.89E-07	1.41E-04	2.23E-08	7.76E-09	8.93E-03	1.41E-06	4.90E-07	1.63E-04	2.57E-08	8.97E-09	9.31E-03	1.47E-06	5.11E-07	7.46E-05	1.17E-08	4.09E-09
458	489913.71, 3860900.05	8.84E-03	1.39E-06	4.85E-07	1.42E-04	2.23E-08	7.78E-09	8.86E-03	1.40E-06	4.86E-07	1.64E-04	2.58E-08	8.99E-09	9.24E-03	1.46E-06	5.07E-07	7.48E-05	1.18E-08	4.10E-09
459	489963.71, 3860900.05	8.74E-03	1.38E-06	4.79E-07	1.42E-04	2.23E-08	7.78E-09	8.76E-03	1.38E-06	4.81E-07	1.64E-04	2.58E-08	8.99E-09	9.13E-03	1.44E-06	5.01E-07	7.48E-05	1.18E-08	4.10E-09
460	490013.71, 3860900.05	8.66E-03	1.36E-06	4.75E-07	1.42E-04	2.24E-08	7.80E-09	8.69E-03	1.37E-06	4.77E-07	1.64E-04	2.59E-08	9.02E-09	9.06E-03	1.43E-06	4.97E-07	7.50E-05	1.18E-08	4.11E-09
461	490063.71, 3860900.05	8.57E-03	1.35E-06	4.70E-07	1.42E-04	2.24E-08	7.81E-09	8.60E-03	1.35E-06	4.72E-07	1.65E-04	2.59E-08	9.03E-09	8.96E-03	1.41E-06	4.92E-07	7.51E-05	1.18E-08	4.12E-09
462	489663.71, 3860950.05	8.41E-03	1.32E-06	4.62E-07	1.38E-04	2.17E-08	7.56E-09	8.43E-03	1.33E-06	4.63E-07	1.59E-04	2.51E-08	8.74E-09	8.79E-03	1.38E-06	4.82E-07	7.26E-05	1.14E-08	3.98E-09
463	489813.71, 3860950.05	8.25E-03	1.30E-06	4.53E-07	1.39E-04	2.18E-08	7.61E-09	8.28E-03	1.30E-06	4.54E-07	1.60E-04	2.52E-08	8.79E-09	8.62E-03	1.36E-06	4.73E-07	7.30E-05	1.15E-08	4.01E-09
464	489863.71, 3860950.05	8.18E-03	1.29E-06	4.49E-07	1.39E-04	2.18E-08	7.61E-09	8.20E-03	1.29E-06	4.50E-07	1.60E-04	2.52E-08	8.79E-09	8.54E-03	1.35E-06	4.69E-07	7.30E-05	1.15E-08	4.01E-09
465	489913.71, 3860950.05	8.13E-03	1.28E-06	4.46E-07	1.39E-04	2.19E-08	7.62E-09	8.15E-03	1.28E-06	4.47E-07	1.61E-04	2.53E-08	8.81E-09	8.49E-03	1.34E-06	4.66E-07	7.32E-05	1.15E-08	4.02E-09

466	489963.71, 3860950.05	8.06E-03	1.27E-06	4.42E-07	1.39E-04	2.19E-08	7.63E-09	8.08E-03	1.27E-06	4.44E-07	1.61E-04	2.53E-08	8.82E-09	8.42E-03	1.33E-06	4.62E-07	7.33E-05	1.15E-08	4.02E-09
467	490013.71, 3860950.05	8.00E-03	1.26E-06	4.39E-07	1.39E-04	2.19E-08	7.64E-09	8.02E-03	1.26E-06	4.40E-07	1.61E-04	2.53E-08	8.83E-09	8.36E-03	1.32E-06	4.59E-07	7.34E-05	1.16E-08	4.03E-09
468	490063.71, 3860950.05	7.94E-03	1.25E-06	4.36E-07	1.39E-04	2.20E-08	7.65E-09	7.96E-03	1.25E-06	4.37E-07	1.61E-04	2.54E-08	8.85E-09	8.29E-03	1.31E-06	4.55E-07	7.35E-05	1.16E-08	4.03E-09
469	489513.71, 3861000.05	7.81E-03	1.23E-06	4.29E-07	1.34E-04	2.12E-08	7.37E-09	7.83E-03	1.23E-06	4.30E-07	1.55E-04	2.45E-08	8.53E-09	8.16E-03	1.29E-06	4.48E-07	7.07E-05	1.11E-08	3.88E-09
470	489563.71, 3861000.05	7.78E-03	1.22E-06	4.27E-07	1.35E-04	2.12E-08	7.38E-09	7.80E-03	1.23E-06	4.28E-07	1.56E-04	2.45E-08	8.54E-09	8.12E-03	1.28E-06	4.46E-07	7.08E-05	1.12E-08	3.89E-09
471	489613.71, 3861000.05	7.75E-03	1.22E-06	4.25E-07	1.35E-04	2.12E-08	7.40E-09	7.77E-03	1.22E-06	4.27E-07	1.56E-04	2.46E-08	8.56E-09	8.09E-03	1.28E-06	4.44E-07	7.10E-05	1.12E-08	3.90E-09
472	489663.71, 3861000.05	7.71E-03	1.21E-06	4.23E-07	1.35E-04	2.13E-08	7.42E-09	7.73E-03	1.22E-06	4.24E-07	1.56E-04	2.46E-08	8.57E-09	8.05E-03	1.27E-06	4.42E-07	7.11E-05	1.12E-08	3.90E-09
473	489713.71, 3861000.05	7.66E-03	1.21E-06	4.21E-07	1.35E-04	2.13E-08	7.43E-09	7.69E-03	1.21E-06	4.22E-07	1.56E-04	2.46E-08	8.58E-09	8.00E-03	1.26E-06	4.39E-07	7.12E-05	1.12E-08	3.91E-09
474	489763.71, 3861000.05	7.62E-03	1.20E-06	4.18E-07	1.36E-04	2.14E-08	7.44E-09	7.64E-03	1.20E-06	4.20E-07	1.57E-04	2.47E-08	8.60E-09	7.96E-03	1.25E-06	4.37E-07	7.14E-05	1.12E-08	3.92E-09
475	489813.71, 3861000.05	7.60E-03	1.20E-06	4.17E-07	1.36E-04	2.14E-08	7.46E-09	7.62E-03	1.20E-06	4.18E-07	1.57E-04	2.48E-08	8.63E-09	7.93E-03	1.25E-06	4.35E-07	7.16E-05	1.13E-08	3.93E-09
476	489863.71, 3861000.05	7.54E-03	1.19E-06	4.14E-07	1.36E-04	2.14E-08	7.46E-09	7.56E-03	1.19E-06	4.15E-07	1.57E-04	2.48E-08	8.63E-09	7.87E-03	1.24E-06	4.32E-07	7.16E-05	1.13E-08	3.93E-09
477	489913.71, 3861000.05	7.51E-03	1.18E-06	4.12E-07	1.36E-04	2.15E-08	7.48E-09	7.53E-03	1.19E-06	4.13E-07	1.58E-04	2.48E-08	8.65E-09	7.84E-03	1.23E-06	4.30E-07	7.18E-05	1.13E-08	3.94E-09
478	489963.71, 3861000.05	7.45E-03	1.17E-06	4.09E-07	1.36E-04	2.15E-08	7.48E-09	7.47E-03	1.18E-06	4.10E-07	1.58E-04	2.48E-08	8.65E-09	7.78E-03	1.23E-06	4.27E-07	7.18E-05	1.13E-08	3.94E-09
479	490013.71, 3861000.05	7.41E-03	1.17E-06	4.07E-07	1.36E-04	2.15E-08	7.49E-09	7.43E-03	1.17E-06	4.08E-07	1.58E-04	2.49E-08	8.66E-09	7.73E-03	1.22E-06	4.24E-07	7.19E-05	1.13E-08	3.95E-09
480	490063.71, 3861000.05	7.36E-03	1.16E-06	4.04E-07	1.37E-04	2.15E-08	7.50E-09	7.39E-03	1.16E-06	4.05E-07	1.58E-04	2.49E-08	8.67E-09	7.68E-03	1.21E-06	4.22E-07	7.20E-05	1.13E-08	3.95E-09
481	489513.71, 3861050.05	7.18E-03	1.13E-06	3.94E-07	1.32E-04	2.08E-08	7.24E-09	7.20E-03	1.13E-06	3.95E-07	1.53E-04	2.40E-08	8.37E-09	7.50E-03	1.18E-06	4.11E-07	6.94E-05	1.09E-08	3.81E-09
482	489563.71, 3861050.05	7.15E-03	1.13E-06	3.93E-07	1.32E-04	2.08E-08	7.25E-09	7.18E-03	1.13E-06	3.94E-07	1.53E-04	2.41E-08	8.38E-09	7.47E-03	1.18E-06	4.10E-07	6.95E-05	1.09E-08	3.81E-09
483	489613.71, 3861050.05	7.15E-03	1.13E-06	3.92E-07	1.33E-04	2.09E-08	7.27E-09	7.17E-03	1.13E-06	3.93E-07	1.53E-04	2.41E-08	8.41E-09	7.46E-03	1.18E-06	4.09E-07	6.97E-05	1.10E-08	3.83E-09
484	489663.71, 3861050.05	7.10E-03	1.12E-06	3.90E-07	1.33E-04	2.09E-08	7.28E-09	7.13E-03	1.12E-06	3.91E-07	1.53E-04	2.41E-08	8.41E-09	7.42E-03	1.17E-06	4.07E-07	6.97E-05	1.10E-08	3.83E-09
485	489713.71, 3861050.05	7.07E-03	1.11E-06	3.88E-07	1.33E-04	2.09E-08	7.28E-09	7.09E-03	1.12E-06	3.89E-07	1.53E-04	2.42E-08	8.42E-09	7.38E-03	1.16E-06	4.05E-07	6.98E-05	1.10E-08	3.83E-09
486	489763.71, 3861050.05	7.04E-03	1.11E-06	3.86E-07	1.33E-04	2.09E-08	7.30E-09	7.06E-03	1.11E-06	3.87E-07	1.54E-04	2.42E-08	8.44E-09	7.35E-03	1.16E-06	4.03E-07	7.00E-05	1.10E-08	3.84E-09
487	489813.71, 3861050.05	7.01E-03	1.10E-06	3.85E-07	1.33E-04	2.10E-08	7.32E-09	7.04E-03	1.11E-06	3.86E-07	1.54E-04	2.43E-08	8.46E-09	7.32E-03	1.15E-06	4.02E-07	7.02E-05	1.11E-08	3.85E-09
488	489863.71, 3861050.05	6.98E-03	1.10E-06	3.83E-07	1.33E-04	2.10E-08	7.33E-09	7.00E-03	1.10E-06	3.84E-07	1.54E-04	2.43E-08	8.47E-09	7.28E-03	1.15E-06	4.00E-07	7.02E-05	1.11E-08	3.86E-09
489	489913.71, 3861050.05	6.94E-03	1.09E-06	3.81E-07	1.34E-04	2.11E-08	7.33E-09	6.97E-03	1.10E-06	3.82E-07	1.54E-04	2.43E-08	8.48E-09	7.24E-03	1.14E-06	3.98E-07	7.03E-05	1.11E-08	3.86E-09
490	489963.71, 3861050.05	6.91E-03	1.09E-06	3.79E-07	1.34E-04	2.11E-08	7.34E-09	6.93E-03	1.09E-06	3.80E-07	1.55E-04	2.44E-08	8.49E-09	7.21E-03	1.14E-06	3.96E-07	7.04E-05	1.11E-08	3.86E-09
491	490013.71, 3861050.05	6.88E-03	1.08E-06	3.78E-07	1.34E-04	2.11E-08	7.36E-09	6.91E-03	1.09E-06	3.79E-07	1.55E-04	2.44E-08	8.50E-09	7.18E-03	1.13E-06	3.94E-07	7.06E-05	1.11E-08	3.87E-09
492	490063.71, 3861050.05	6.85E-03	1.08E-06	3.76E-07	1.34E-04	2.11E-08	7.36E-09	6.87E-03	1.08E-06	3.77E-07	1.55E-04	2.44E-08	8.51E-09	7.14E-03	1.13E-06	3.92E-07	7.06E-05	1.11E-08	3.88E-09
493	489513.71, 3861100.05	6.65E-03	1.05E-06	3.65E-07	1.30E-04	2.05E-08	7.13E-09	6.67E-03	1.05E-06	3.66E-07	1.50E-04	2.37E-08	8.24E-09	6.94E-03	1.09E-06	3.81E-07	6.83E-05	1.08E-08	3.75E-09
494	489563.71, 3861100.05	6.61E-03	1.04E-06	3.63E-07	1.30E-04	2.04E-08	7.11E-09	6.63E-03	1.04E-06	3.64E-07	1.50E-04	2.36E-08	8.23E-09	6.90E-03	1.09E-06	3.79E-07	6.82E-05	1.07E-08	3.74E-09
495	489613.71, 3861100.05	6.57E-03	1.04E-06	3.61E-07	1.29E-04	2.04E-08	7.11E-09	6.59E-03	1.04E-06	3.62E-07	1.50E-04	2.36E-08	8.22E-09	6.85E-03	1.08E-06	3.76E-07	6.81E-05	1.07E-08	3.74E-09
496	489663.71, 3861100.05	6.55E-03	1.03E-06	3.60E-07	1.30E-04	2.04E-08	7.12E-09	6.58E-03	1.04E-06	3.61E-07	1.50E-04	2.36E-08	8.23E-09	6.84E-03	1.08E-06	3.75E-07	6.82E-05	1.07E-08	3.74E-09
497	489713.71, 3861100.05	6.54E-03	1.03E-06	3.59E-07	1.30E-04	2.05E-08	7.14E-09	6.56E-03	1.03E-06	3.60E-07	1.50E-04	2.37E-08	8.25E-09	6.82E-03	1.07E-06	3.74E-07	6.84E-05	1.08E-08	3.75E-09
498	489763.71, 3861100.05	6.52E-03	1.03E-06	3.58E-07	1.30E-04	2.05E-08	7.15E-09	6.54E-03	1.03E-06	3.59E-07	1.51E-04	2.37E-08	8.27E-09	6.80E-03	1.07E-06	3.73E-07	6.85E-05	1.08E-08	3.76E-09
499	489813.71, 3861100.05	6.50E-03	1.02E-06	3.57E-07	1.31E-04	2.06E-08	7.17E-09	6.52E-03	1.03E-06	3.58E-07	1.51E-04	2.38E-08	8.29E-09	6.78E-03	1.07E-06	3.72E-07	6.87E-05	1.08E-08	3.77E-09
500	489863.71, 3861100.05	6.49E-03	1.02E-06	3.56E-07	1.31E-04	2.07E-08	7.19E-09	6.51E-03	1.03E-06	3.57E-07	1.52E-04	2.39E-08	8.32E-09	6.76E-03	1.07E-06	3.71E-07	6.90E-05	1.09E-08	3.78E-09
501	489913.71, 3861100.05	6.45E-03	1.02E-06	3.54E-07	1.31E-04	2.07E-08	7.20E-09	6.47E-03	1.02E-06	3.55E-07	1.52E-04	2.39E-08	8.32E-09	6.73E-03	1.06E-06	3.69E-07	6.90E-05	1.09E-08	3.79E-09
502	489963.71, 3861100.05	6.43E-03	1.01E-06	3.53E-07	1.31E-04	2.07E-08	7.21E-09	6.45E-03	1.02E-06	3.54E-07	1.52E-04	2.39E-08	8.33E-09	6.70E-03	1.06E-06	3.68E-07	6.91E-05	1.09E-08	3.79E-09
503	490013.71, 3861100.05	6.39E-03	1.01E-06	3.51E-07	1.31E-04	2.07E-08	7.21E-09	6.42E-03	1.01E-06	3.52E-07	1.52E-04	2.39E-08	8.33E-09	6.67E-03	1.05E-06	3.66E-07	6.91E-05	1.09E-08	3.79E-09
504	490063.71, 3861100.05	6.37E-03	1.00E-06	3.50E-07	1.31E-04	2.07E-08	7.21E-09	6.39E-03	1.01E-06	3.51E-07	1.52E-04	2.39E-08	8.34E-09	6.64E-03	1.05E-06	3.65E-07	6.92E-05	1.09E-08	3.80E-09
505	489713.71, 3861150.05	6.08E-03	9.57E-07	3.34E-07	1.28E-04	2.01E-08	7.00E-09	6.10E-03	9.61E-07	3.35E-07	1.47E-04	2.32E-08	8.09E-09	6.33E-03	9.98E-07	3.48E-07	6.70E-05	1.06E-08	3.68E-09
506	489763.71, 3861150.05	6.07E-03	9.56E-07	3.33E-07	1.28E-04	2.01E-08	7.02E-09	6.09E-03	9.59E-07	3.34E-07	1.48E-04	2.33E-08	8.11E-09	6.32E-03	9.96E-07	3.47E-07	6.72E-05	1.06E-08	3.69E-09
507	489813.71, 3861150.05	6.05E-03	9.54E-07	3.32E-07	1.28E-04	2.02E-08	7.03E-09	6.08E-03	9.57E-07	3.33E-07	1.48E-04	2.33E-08	8.13E-09	6.31E-03	9.94E-07	3.46E-07	6.74E-05	1.06E-08	3.70E-09
508	489863.71, 3861150.05	6.04E-03	9.51E-07	3.31E-07	1.28E-04	2.02E-08	7.05E-09	6.06E-03	9.54E-07	3.32E-07	1.48E-04	2.34E-08	8.15E-09	6.29E-03	9.91E-07	3.45E-07	6.75E-05	1.06E-08	3.71E-09
509	489913.71, 3861150.05	6.01E-03	9.47E-07	3.30E-07	1.29E-04	2.03E-08	7.06E-09	6.04E-03	9.51E-07	3.31E-07	1.49E-04	2.34E-08	8.16E-09	6.27E-03	9.87E-07	3.44E-07	6.76E-05	1.07E-08	3.71E-09
510	489963.71, 3861150.05	5.99E-03	9.43E-07	3.29E-07	1.29E-04	2.03E-08	7.06E-09	6.01E-03	9.47E-07	3.30E-07	1.49E-04	2.34E-08	8.17E-09	6.24E-03	9.83E-07	3.42E-07	6.77E-05	1.07E-08	3.72E-09
511	490013.71, 3861150.05	5.96E-03	9.40E-07	3.27E-07	1.29E-04	2.03E-08	7.07E-09	5.99E-03	9.43E-07	3.29E-07	1.49E-04	2.35E-08	8.17E-09	6.21E-03	9.79E-07	3.41E-07	6.77E-05	1.07E-08	3.72E-09
512	490063.71, 3861150.05	5.95E-03	9.37E-07	3.27E-07	1.29E-04	2.03E-08	7.08E-09	5.97E-03	9.41E-07	3.28E-07	1.49E-04	2.35E-08	8.19E-09	6.20E-03	9.77E-07	3.40E-07	6.79E-05	1.07E-08	3.72E-09
513	489613.71, 3861200.05	5.68E-03	8.94E-07	3.12E-07	1.25E-04	1.96E-08	6.83E-09	5.70E-03	8.98E-07	3.13E-07	1.44E-04	2.27E-08	7.90E-09	5.91E-03	9.32E-07	3.25E-07	6.54E-05	1.03E-08	3.59E-09
514	489663.71, 3861200.05	5.68E-03	8.94E-07	3.11E-07	1.25E-04	1.97E-08	6.85E-09	5.70E-03	8.97E-07	3.13E-07	1.44E-04	2.27E-08	7.92E-09	5.91E-03	9.31E-07	3.25E-07	6.56E-05	1.03E-08	3.60E-09
515	489713.71, 3861200.05	5.67E-03	8.94E-07	3.11E-07	1.25E-04	1.97E-08	6.86E-09	5.69E-03	8.97E-07	3.12E-07	1.45E-04	2.28E-08	7.94E-09	5.91E-03	9.31E-07	3.24E-07	6.57E-05	1.04E-08	3.61E-09
516	489763.71, 3861200.05	5.67E-03	8.93E-07	3.11E-07	1.25E-04	1.98E-08	6.88E-09	5.69E-03	8.96E-07	3.12E-07	1.45E-04	2.28E-08	7.96E-09	5.90E-03	9.30E-07	3.24E-07	6.59E-05	1.04E-08	3.62E-09
517	489813.71, 3861200.05	5.66E-03	8.91E-07	3.11E-07	1.26E-04	1.98E-08	6.90E-09	5.68E-03	8.95E-07	3.12E-07	1.45E-04	2.29E-08	7.98E-09	5.89E-03	9.28E-07	3.23E-07	6.61E-05	1.04E-08	3.63E-09
518	489863.71, 3861200.05	5.65E-03	8.90E-07	3.10E-07	1.26E-04	1.99E-08	6.92E-09	5.67E-03	8.94E-07	3.11E-07	1.46E-04	2.30E-08	8.00E-09	5.89E-03	9.27E-07	3.23E-07	6.63E-05	1.04E-08	3.64E-09
519	489913.71, 3861200.05	5.63E-03	8.87E-07	3.09E-07	1.26E-04	1.99E-08	6.93E-09	5.65E-03	8.91E-07	3.10E-07	1.46E-04	2.30E-08	8.01E-09	5.87E-03	9.24E-07	3.22E-07	6.64E-05	1.05E-08	3.64E-09
520	489963.71, 3861200.05	5.61E-03	8.84E-07	3.08E-07	1.26E-04	1.99E-08	6.93E-09	5.63E-03	8.87E-07	3.09E-07	1.46E-04	2.30E-08	8.02E-09	5.84E-03	9.20E-07	3.21E-07	6.64E-05	1.05E-08	3.65E-09
521	490013.71, 3861200.05	5.59E-03	8.81E-07	3.07E-07	1.27E-04	1.99E-08	6.95E-09	5.62E-03	8.85E-07	3.08E-07	1.46E-04	2.31E-08	8.03E-09	5.82E-03	9.18E-07	3.20E-07	6.65E-05	1.05E-08	3.65E-09
522	490063.71, 3861200.05	5.57E-03	8.78E-07	3.06E-07	1.27E-04	1.99E-08	6.95E-09	5.60E-03	8.82E-07	3.07E-07	1.46E-04	2.31E-08	8.04E-09	5.80E-03	9.14E-07	3.19E-07	6.66E-05	1.05E-08	3.65E-09
523	489513.71, 3861250.05	5.30E-03	8.35E-07	2.91E-07	1.22E-04	1.92E-08	6.68E-09	5.32E-03	8.38E-07	2.92E-07	1.41E-04	2.22E-08	7.72E-09	5.52E-03	8.69E-07	3.03E-07	6.39E-05	1.01E-08	3.51E-09
524	489563.71, 3861250.05	5.31E-03	8.37E-07	2.92E-07	1.22E-04	1.92E-08	6.70E-09	5.33E-03	8.40E-07	2.93E-07	1.41E-04	2.22E-08	7.75E-09	5.53E-03	8.71E-07	3.04E-07	6.41E-05	1.01E-08	3.52E-09
525	489613.71, 3861250.05	5.32E-03	8.38E-07	2.92E-07	1.22E-04	1.93E-08	6.71E-09	5.34E-03	8.41E-07	2.93E-07	1.41E-04	2.23E-08	7.76E-09	5.54E-03	8.72E-07	3.04E-07	6.42E-05	1.01E-08	3.53E-09
526	489663.71, 3861250.05	5.32E-03	8.37E-07	2.92E-07	1.22E-04	1.93E-08	6.72E-09	5.34E-03	8.41E-07	2.93E-07	1.42E-04	2.23E-08	7.77E-09	5.53E-03	8.72E-07	3.04E-07	6.43E-05	1.01E-08	3.53E-09
527	489713.71, 3861250.05	5.32E-03	8.37E-07	2.92E-07	1.23E-04	1.93E-08	6.74E-09	5.34E-03	8.41E-07	2.93E-07	1.42E-04	2.24E-08	7.79E-09	5.53E-03	8.72E-07	3.04E-07	6.45E-05	1.02E-08	3.54E-09
528	489763.71, 3861250.05	5.31E-03	8.37E-07	2.92E-07	1.23E-04	1.94E-08	6.75E-09	5.33E-03	8.40E-07	2.93E-07	1.42E-04	2.24E-08	7.81E-09	5.53E-03	8.71E-07	3.04E-07	6.47E-05	1.02E-08	3.55E-09
529	489813.71, 3861250.05	5.31E-03	8.36E-07	2.91E-07	1.23E-04	1.94E-08	6.77E-09	5.33E-03	8.39E-07	2.92E-07	1.43E-04	2.25E-08	7.83E-09	5.52E-03	8.70E-07	3.03E-07	6.48E-05	1.02E-08	3.56E-09
530	489863.71, 3861250.05	5.30E-03	8.35E-07	2.91E-07	1.24E-04	1.95E-08	6.79E-09	5.32E-03	8.38E-07	2.92E-07	1.43E-04	2.25E-08	7.85E-09	5.52E-03	8.69E-07	3.03E-07	6.50E-05	1.02E-08	3.57E-09
531	489913.71, 3861250.05	5.29E-03	8.34E-07	2.90E-07	1.24E-04	1.95E-08	6.80E-09	5.31E-03	8.37E-07	2.92E-07	1.43E-04	2.26E-08	7.87E-09	5.51E-03	8.68E-07	3.02E-07	6.51E-05	1.03E-08	3.58E-09
532	489963.71, 3861250.05	5.28E-03	8.32E-07	2.90E-07	1.24E-04	1.96E-08	6.82E-09	5.30E-03	8.35E-07	2.91E-07	1.44E-04	2.26E-08	7.88E-09	5.49E-03	8.65E-07	3.01E-07	6.53E-05	1.03E-08	3.58E-09

533	490013.71, 3861250.05	5.26E-03	8.29E-07	2.89E-07	1.24E-04	1.96E-08	6.82E-09	5.28E-03	8.32E-07	2.90E-07	1.44E-04	2.27E-08	7.89E-09	5.48E-03	8.63E-07	3.01E-07	6.54E-05	1.03E-08	3.59E-09
534	490063.71, 3861250.05	5.24E-03	8.26E-07	2.88E-07	1.24E-04	1.96E-08	6.83E-09	5.26E-03	8.29E-07	2.89E-07	1.44E-04	2.27E-08	7.89E-09	5.45E-03	8.59E-07	2.99E-07	6.54E-05	1.03E-08	3.59E-09
535	489528.13, 3861308.47	4.92E-03	7.76E-07	2.70E-07	1.19E-04	1.88E-08	6.54E-09	4.94E-03	7.79E-07	2.71E-07	1.38E-04	2.17E-08	7.57E-09	5.12E-03	8.07E-07	2.81E-07	6.26E-05	9.86E-09	3.43E-09
536	489578.13, 3861308.47	4.93E-03	7.77E-07	2.71E-07	1.19E-04	1.88E-08	6.56E-09	4.95E-03	7.80E-07	2.72E-07	1.38E-04	2.18E-08	7.58E-09	5.13E-03	8.08E-07	2.82E-07	6.27E-05	9.88E-09	3.44E-09
537	489628.13, 3861308.47	4.94E-03	7.78E-07	2.71E-07	1.20E-04	1.89E-08	6.57E-09	4.96E-03	7.81E-07	2.72E-07	1.38E-04	2.18E-08	7.60E-09	5.14E-03	8.09E-07	2.82E-07	6.28E-05	9.90E-09	3.45E-09
538	489678.13, 3861308.47	4.94E-03	7.79E-07	2.71E-07	1.20E-04	1.89E-08	6.58E-09	4.97E-03	7.82E-07	2.73E-07	1.39E-04	2.19E-08	7.61E-09	5.14E-03	8.10E-07	2.82E-07	6.30E-05	9.92E-09	3.46E-09
539	489728.13, 3861308.47	4.95E-03	7.79E-07	2.72E-07	1.20E-04	1.89E-08	6.60E-09	4.97E-03	7.83E-07	2.73E-07	1.39E-04	2.19E-08	7.63E-09	5.15E-03	8.11E-07	2.82E-07	6.31E-05	9.95E-09	3.47E-09
540	489778.13, 3861308.47	4.94E-03	7.79E-07	2.71E-07	1.20E-04	1.90E-08	6.61E-09	4.96E-03	7.82E-07	2.72E-07	1.39E-04	2.19E-08	7.65E-09	5.14E-03	8.10E-07	2.82E-07	6.33E-05	9.97E-09	3.47E-09
541	489678.13, 3861358.47	4.66E-03	7.34E-07	2.56E-07	1.18E-04	1.86E-08	6.46E-09	4.68E-03	7.37E-07	2.57E-07	1.36E-04	2.15E-08	7.48E-09	4.85E-03	7.63E-07	2.66E-07	6.18E-05	9.74E-09	3.39E-09
542	489728.13, 3861358.47	4.66E-03	7.35E-07	2.56E-07	1.18E-04	1.86E-08	6.48E-09	4.68E-03	7.38E-07	2.57E-07	1.36E-04	2.15E-08	7.49E-09	4.85E-03	7.64E-07	2.66E-07	6.20E-05	9.76E-09	3.40E-09
543	489528.13, 3861408.47	4.38E-03	6.90E-07	2.40E-07	1.15E-04	1.81E-08	6.31E-09	4.40E-03	6.93E-07	2.41E-07	1.33E-04	2.09E-08	7.30E-09	4.55E-03	7.17E-07	2.50E-07	6.03E-05	9.50E-09	3.31E-09
544	489578.13, 3861408.47	4.39E-03	6.91E-07	2.41E-07	1.15E-04	1.81E-08	6.32E-09	4.41E-03	6.94E-07	2.42E-07	1.33E-04	2.10E-08	7.31E-09	4.56E-03	7.18E-07	2.50E-07	6.05E-05	9.52E-09	3.32E-09
545	489628.13, 3861408.47	4.41E-03	6.94E-07	2.42E-07	1.16E-04	1.82E-08	6.35E-09	4.43E-03	6.97E-07	2.43E-07	1.34E-04	2.11E-08	7.34E-09	4.58E-03	7.21E-07	2.51E-07	6.07E-05	9.56E-09	3.33E-09
546	489678.13, 3861408.47	4.41E-03	6.94E-07	2.42E-07	1.16E-04	1.82E-08	6.35E-09	4.43E-03	6.98E-07	2.43E-07	1.34E-04	2.11E-08	7.35E-09	4.58E-03	7.22E-07	2.51E-07	6.07E-05	9.57E-09	3.33E-09
547	489728.13, 3861408.47	4.41E-03	6.95E-07	2.42E-07	1.16E-04	1.83E-08	6.36E-09	4.43E-03	6.98E-07	2.43E-07	1.34E-04	2.11E-08	7.35E-09	4.58E-03	7.22E-07	2.51E-07	6.08E-05	9.58E-09	3.34E-09
548	489528.13, 3861458.47	4.15E-03	6.54E-07	2.28E-07	1.13E-04	1.78E-08	6.21E-09	4.17E-03	6.57E-07	2.29E-07	1.31E-04	2.06E-08	7.18E-09	4.31E-03	6.79E-07	2.37E-07	5.93E-05	9.35E-09	3.26E-09
549	489578.13, 3861458.47	4.16E-03	6.56E-07	2.28E-07	1.13E-04	1.79E-08	6.22E-09	4.18E-03	6.59E-07	2.30E-07	1.31E-04	2.06E-08	7.19E-09	4.32E-03	6.81E-07	2.37E-07	5.95E-05	9.37E-09	3.26E-09
550	489628.13, 3861458.47	4.17E-03	6.57E-07	2.29E-07	1.14E-04	1.79E-08	6.23E-09	4.19E-03	6.60E-07	2.30E-07	1.31E-04	2.07E-08	7.21E-09	4.33E-03	6.82E-07	2.38E-07	5.96E-05	9.38E-09	3.27E-09
551	489678.13, 3861458.47	4.18E-03	6.58E-07	2.29E-07	1.14E-04	1.79E-08	6.24E-09	4.20E-03	6.61E-07	2.30E-07	1.31E-04	2.07E-08	7.22E-09	4.34E-03	6.83E-07	2.38E-07	5.96E-05	9.40E-09	3.27E-09
552	489728.13, 3861458.47	4.17E-03	6.58E-07	2.29E-07	1.14E-04	1.79E-08	6.24E-09	4.19E-03	6.61E-07	2.30E-07	1.31E-04	2.07E-08	7.22E-09	4.34E-03	6.83E-07	2.38E-07	5.97E-05	9.40E-09	3.27E-09
553	489528.13, 3861508.47	3.95E-03	6.22E-07	2.17E-07	1.11E-04	1.75E-08	6.10E-09	3.96E-03	6.25E-07	2.18E-07	1.29E-04	2.03E-08	7.06E-09	4.10E-03	6.45E-07	2.25E-07	5.83E-05	9.19E-09	3.20E-09
554	489578.13, 3861508.47	3.95E-03	6.23E-07	2.17E-07	1.11E-04	1.75E-08	6.11E-09	3.97E-03	6.26E-07	2.18E-07	1.29E-04	2.03E-08	7.07E-09	4.10E-03	6.46E-07	2.25E-07	5.84E-05	9.20E-09	3.21E-09
555	489628.13, 3861508.47	3.96E-03	6.24E-07	2.17E-07	1.11E-04	1.76E-08	6.12E-09	3.98E-03	6.27E-07	2.18E-07	1.29E-04	2.03E-08	7.08E-09	4.11E-03	6.47E-07	2.25E-07	5.85E-05	9.21E-09	3.21E-09
556	489678.13, 3861508.47	3.96E-03	6.24E-07	2.17E-07	1.12E-04	1.76E-08	6.13E-09	3.98E-03	6.27E-07	2.18E-07	1.29E-04	2.03E-08	7.08E-09	4.11E-03	6.48E-07	2.26E-07	5.86E-05	9.22E-09	3.21E-09
557	489728.13, 3861508.47	3.96E-03	6.25E-07	2.18E-07	1.12E-04	1.76E-08	6.13E-09	3.98E-03	6.28E-07	2.19E-07	1.29E-04	2.04E-08	7.09E-09	4.11E-03	6.48E-07	2.26E-07	5.86E-05	9.23E-09	3.22E-09
558	489628.13, 3861558.47	3.77E-03	5.94E-07	2.07E-07	1.10E-04	1.73E-08	6.02E-09	3.79E-03	5.97E-07	2.08E-07	1.27E-04	2.00E-08	6.97E-09	3.91E-03	6.16E-07	2.15E-07	5.76E-05	9.07E-09	3.16E-09
559	489678.13, 3861558.47	3.78E-03	5.96E-07	2.08E-07	1.10E-04	1.73E-08	6.03E-09	3.80E-03	5.99E-07	2.09E-07	1.27E-04	2.00E-08	6.98E-09	3.92E-03	6.18E-07	2.15E-07	5.77E-05	9.09E-09	3.17E-09
560	489728.13, 3861558.47	3.79E-03	5.96E-07	2.08E-07	1.10E-04	1.73E-08	6.04E-09	3.80E-03	5.99E-07	2.09E-07	1.27E-04	2.00E-08	6.98E-09	3.93E-03	6.19E-07	2.16E-07	5.77E-05	9.09E-09	3.17E-09
561	489357.08, 3861015.81	7.66E-03	1.21E-06	4.20E-07	1.33E-04	2.10E-08	7.30E-09	7.68E-03	1.21E-06	4.22E-07	1.54E-04	2.42E-08	8.44E-09	8.00E-03	1.26E-06	4.39E-07	7.00E-05	1.10E-08	3.84E-09
562	489407.08, 3861015.81	7.63E-03	1.20E-06	4.19E-07	1.33E-04	2.10E-08	7.30E-09	7.65E-03	1.21E-06	4.20E-07	1.54E-04	2.42E-08	8.44E-09	7.97E-03	1.26E-06	4.37E-07	7.00E-05	1.10E-08	3.84E-09
563	489457.08, 3861015.81	7.61E-03	1.20E-06	4.18E-07	1.33E-04	2.10E-08	7.31E-09	7.63E-03	1.20E-06	4.19E-07	1.54E-04	2.43E-08	8.45E-09	7.95E-03	1.25E-06	4.36E-07	7.01E-05	1.10E-08	3.85E-09
564	489357.08, 3861065.81	7.03E-03	1.11E-06	3.86E-07	1.31E-04	2.06E-08	7.17E-09	7.05E-03	1.11E-06	3.87E-07	1.51E-04	2.38E-08	8.29E-09	7.33E-03	1.16E-06	4.03E-07	6.87E-05	1.08E-08	3.77E-09
565	489407.08, 3861065.81	7.00E-03	1.10E-06	3.84E-07	1.31E-04	2.06E-08	7.16E-09	7.02E-03	1.11E-06	3.86E-07	1.51E-04	2.38E-08	8.28E-09	7.31E-03	1.15E-06	4.01E-07	6.87E-05	1.08E-08	3.77E-09
566	489457.08, 3861065.81	6.99E-03	1.10E-06	3.84E-07	1.31E-04	2.06E-08	7.17E-09	7.01E-03	1.10E-06	3.85E-07	1.51E-04	2.38E-08	8.29E-09	7.30E-03	1.15E-06	4.01E-07	6.87E-05	1.08E-08	3.77E-09
567	489357.08, 3861115.81	6.48E-03	1.02E-06	3.55E-07	1.28E-04	2.02E-08	7.03E-09	6.50E-03	1.02E-06	3.57E-07	1.48E-04	2.33E-08	8.13E-09	6.75E-03	1.06E-06	3.71E-07	6.73E-05	1.06E-08	3.70E-09
568	489407.08, 3861115.81	6.47E-03	1.02E-06	3.55E-07	1.28E-04	2.02E-08	7.04E-09	6.50E-03	1.02E-06	3.57E-07	1.48E-04	2.34E-08	8.14E-09	6.75E-03	1.06E-06	3.71E-07	6.74E-05	1.06E-08	3.70E-09
569	489457.08, 3861115.81	6.47E-03	1.02E-06	3.55E-07	1.29E-04	2.02E-08	7.05E-09	6.49E-03	1.02E-06	3.56E-07	1.49E-04	2.34E-08	8.16E-09	6.75E-03	1.06E-06	3.71E-07	6.76E-05	1.06E-08	3.71E-09
570	489407.08, 3861165.81	6.01E-03	9.47E-07	3.30E-07	1.26E-04	1.99E-08	6.92E-09	6.04E-03	9.51E-07	3.31E-07	1.46E-04	2.30E-08	8.01E-09	6.27E-03	9.88E-07	3.44E-07	6.63E-05	1.04E-08	3.64E-09
571	489457.08, 3861165.81	6.00E-03	9.46E-07	3.30E-07	1.26E-04	1.99E-08	6.92E-09	6.03E-03	9.49E-07	3.31E-07	1.46E-04	2.30E-08	8.01E-09	6.26E-03	9.86E-07	3.44E-07	6.63E-05	1.04E-08	3.64E-09
572	489407.08, 3861215.81	5.57E-03	8.77E-07	3.06E-07	1.23E-04	1.94E-08	6.77E-09	5.59E-03	8.81E-07	3.07E-07	1.43E-04	2.25E-08	7.83E-09	5.80E-03	9.14E-07	3.18E-07	6.48E-05	1.02E-08	3.55E-09
573	489457.08, 3861215.81	5.57E-03	8.77E-07	3.06E-07	1.23E-04	1.94E-08	6.77E-09	5.59E-03	8.81E-07	3.07E-07	1.43E-04	2.25E-08	7.83E-09	5.80E-03	9.14E-07	3.18E-07	6.48E-05	1.02E-08	3.56E-09
574	489407.08, 3861265.81	5.18E-03	8.16E-07	2.84E-07	1.21E-04	1.90E-08	6.62E-09	5.20E-03	8.19E-07	2.85E-07	1.39E-04	2.20E-08	7.65E-09	5.39E-03	8.49E-07	2.96E-07	6.33E-05	9.97E-09	3.47E-09
575	489457.08, 3861265.81	5.19E-03	8.17E-07	2.85E-07	1.21E-04	1.90E-08	6.63E-09	5.21E-03	8.21E-07	2.86E-07	1.40E-04	2.20E-08	7.67E-09	5.40E-03	8.51E-07	2.96E-07	6.34E-05	9.99E-09	3.48E-09
576	489309.86, 3861110.14	6.53E-03	1.03E-06	3.58E-07	1.28E-04	2.02E-08	7.03E-09	6.55E-03	1.03E-06	3.59E-07	1.48E-04	2.33E-08	8.13E-09	6.81E-03	1.07E-06	3.74E-07	6.73E-05	1.06E-08	3.70E-09
577	489407.08, 3861315.81	4.86E-03	7.65E-07	2.67E-07	1.18E-04	1.86E-08	6.50E-09	4.88E-03	7.69E-07	2.68E-07	1.37E-04	2.16E-08	7.51E-09	5.06E-03	7.96E-07	2.77E-07	6.21E-05	9.79E-09	3.41E-09
578	489457.08, 3861315.81	4.87E-03	7.67E-07	2.67E-07	1.19E-04	1.87E-08	6.51E-09	4.89E-03	7.71E-07	2.68E-07	1.37E-04	2.16E-08	7.53E-09	5.07E-03	7.98E-07	2.78E-07	6.23E-05	9.81E-09	3.42E-09
579	488906.03, 3861006.75	7.87E-03	1.24E-06	4.32E-07	1.32E-04	2.08E-08	7.23E-09	7.89E-03	1.24E-06	4.33E-07	1.52E-04	2.40E-08	8.36E-09	8.22E-03	1.30E-06	4.51E-07	6.93E-05	1.09E-08	3.81E-09
580	488956.03, 3861006.75	7.91E-03	1.25E-06	4.34E-07	1.33E-04	2.09E-08	7.28E-09	7.93E-03	1.25E-06	4.35E-07	1.53E-04	2.42E-08	8.42E-09	8.26E-03	1.30E-06	4.53E-07	6.98E-05	1.10E-08	3.83E-09
581	488904.24, 3861051.87	7.26E-03	1.14E-06	3.99E-07	1.31E-04	2.07E-08	7.20E-09	7.29E-03	1.15E-06	4.00E-07	1.52E-04	2.39E-08	8.33E-09	7.59E-03	1.20E-06	4.16E-07	6.90E-05	1.09E-08	3.79E-09
582	488954.24, 3861051.87	7.28E-03	1.15E-06	3.99E-07	1.31E-04	2.06E-08	7.18E-09	7.30E-03	1.15E-06	4.01E-07	1.51E-04	2.38E-08	8.31E-09	7.60E-03	1.20E-06	4.17E-07	6.88E-05	1.08E-08	3.78E-09
583	489004.24, 3861051.87	7.30E-03	1.15E-06	4.00E-07	1.32E-04	2.08E-08	7.24E-09	7.32E-03	1.15E-06	4.02E-07	1.53E-04	2.40E-08	8.37E-09	7.62E-03	1.20E-06	4.18E-07	6.93E-05	1.09E-08	3.81E-09
584	488804.24, 3861101.87	6.60E-03	1.04E-06	3.62E-07	1.27E-04	2.00E-08	6.96E-09	6.62E-03	1.04E-06	3.63E-07	1.47E-04	2.31E-08	8.04E-09	6.89E-03	1.08E-06	3.78E-07	6.66E-05	1.05E-08	3.66E-09
585	488854.24, 3861101.87	6.63E-03	1.04E-06	3.64E-07	1.28E-04	2.01E-08	7.00E-09	6.65E-03	1.05E-06	3.65E-07	1.48E-04	2.32E-08	8.10E-09	6.92E-03	1.09E-06	3.80E-07	6.71E-05	1.06E-08	3.68E-09
586	488904.24, 3861101.87	6.58E-03	1.04E-06	3.61E-07	1.27E-04	1.99E-08	6.95E-09	6.60E-03	1.04E-06	3.62E-07	1.46E-04	2.31E-08	8.03E-09	6.87E-03	1.08E-06	3.77E-07	6.65E-05	1.05E-08	3.65E-09
587	488954.24, 3861101.87	6.57E-03	1.03E-06	3.60E-07	1.27E-04	1.99E-08	6.95E-09	6.59E-03	1.04E-06	3.62E-07	1.46E-04	2.31E-08	8.04E-09	6.85E-03	1.08E-06	3.76E-07	6.65E-05	1.05E-08	3.65E-09
588	489004.24, 3861101.87	6.58E-03	1.04E-06	3.61E-07	1.27E-04	2.00E-08	6.97E-09	6.60E-03	1.04E-06	3.62E-07	1.47E-04	2.31E-08	8.06E-09	6.87E-03	1.08E-06	3.77E-07	6.68E-05	1.05E-08	3.66E-09
589	488804.24, 3861151.87	5.97E-03	9.41E-07	3.28E-07	1.22E-04	1.93E-08	6.72E-09	6.00E-03	9.44E-07	3.29E-07	1.42E-04	2.23E-08	7.77E-09	6.23E-03	9.81E-07	3.42E-07	6.44E-05	1.01E-08	3.53E-09
590	488854.24, 3861151.87	5.97E-03	9.41E-07	3.28E-07	1.23E-04	1.93E-08	6.73E-09	5.99E-03	9.44E-07	3.29E-07	1.42E-04	2.23E-08	7.78E-09	6.23E-03	9.81E-07	3.42E-07	6.45E-05	1.02E-08	3.54E-09
591	489129.49, 3861187.55	5.72E-03	9.01E-07	3.14E-07	1.23E-04	1.94E-08	6.75E-09	5.74E-03	9.04E-07	3.15E-07	1.42E-04	2.24E-08	7.81E-09	5.96E-03	9.39E-07	3.27E-07	6.46E-05	1.02E-08	3.54E-09
592	489179.49, 3861187.55	5.73E-03	9.03E-07	3.14E-07	1.23E-04	1.94E-08	6.76E-09	5.75E-03	9.06E-07	3.16E-07	1.43E-04	2.25E-08	7.82E-09	5.97E-03	9.41E-07	3.28E-07	6.47E-05	1.02E-08	3.55E-09
593	488804.24, 3861201.87	5.54E-03	8.73E-07	3.04E-07	1.20E-04	1.89E-08	6.59E-09	5.56E-03	8.76E-07	3.05E-07	1.39E-04	2.19E-08	7.62E-09	5.78E-03	9.10E-07	3.17E-07	6.31E-05	9.94E-09	3.46E-09
594	488854.24, 3861201.87	5.52E-03	8.69E-07	3.03E-07	1.20E-04	1.89E-08	6.59E-09	5.54E-03	8.72E-07	3.04E-07	1.39E-04	2.19E-08	7.62E-09	5.75E-03	9.06E-07	3.16E-07	6.30E-05	9.93E-09	3.46E-09
595	489129.49, 3861237.55	5.34E-03	8.42E-07	2.93E-07	1.21E-04	1.91E-08	6.64E-09	5.37E-03	8.45E-07	2.94E-07	1.40E-04	2.20E-08	7.68E-09	5.57E-03	8.77E-07	3.05E-07	6.35E-05	1.00E-08	3.48E-09
596	489179.49, 3861237.55	5.34E-03	8.41E-07	2.93E-07	1.21E-04	1.91E-08	6.64E-09	5.36E-03	8.44E-07	2.94E-07	1.40E-04	2.20E-08	7.68E-09	5.56E-03	8.76E-07	3.05E-07	6.35E-05	1.00E-08	3.48E-09
597	488804.24, 3861251.87	5.18E-03	8.16E-07	2.84E-07	1.18E-04	1.86E-08	6.48E-09	5.20E-03	8.19E-07	2.85E-07	1.36E-04	2.15E-08	7.49E-09	5.39E-03	8.49E-07	2.96E-07	6.20E-05	9.77E-09	3.40E-09
598	488854.24, 3861251.87	5.15E-03	8.11E-07	2.83E-07	1.18E-04	1.86E-08	6.46E-09	5.17E-03	8.14E-07	2.84E-07	1.36E-04	2.15E-08	7.47E-09	5.36E-03	8.45E-07	2.94E-07	6.19E-05	9.75E-09	3.40E-09
599	488804.24, 3861301.87	4.84E-03	7.62E-07	2.65E-07	1.16E-04	1.82E-08	6.34E-09	4.86E-03	7.65E-07	2.67E-07	1.34E-04	2.11E-08	7.34E-09	5.03E-03	7.93E-07	2.76E-07	6.07E-05	9.56E-09	3.33E-09

600	488854.24, 3861301.87	4.83E-03	7.60E-07	2.65E-07	1.16E-04	1.82E-08	6.34E-09	4.85E-03	7.63E-07	2.66E-07	1.34E-04	2.11E-08	7.34E-09	5.02E-03	7.91E-07	2.76E-07	6.07E-05	9.56E-09	3.33E-09
601	490943.5, 3860181.97	1.14E-02	1.79E-06	6.24E-07	1.87E-04	2.94E-08	1.02E-08	1.14E-02	1.80E-06	6.26E-07	2.15E-04	3.39E-08	1.18E-08	1.19E-02	1.87E-06	6.52E-07	9.90E-05	1.56E-08	5.43E-09
602	490993.5, 3860181.97	1.11E-02	1.76E-06	6.12E-07	1.85E-04	2.92E-08	1.02E-08	1.12E-02	1.76E-06	6.13E-07	2.14E-04	3.37E-08	1.17E-08	1.16E-02	1.83E-06	6.39E-07	9.84E-05	1.55E-08	5.40E-09
603	491043.5, 3860181.97	1.09E-02	1.72E-06	5.99E-07	1.84E-04	2.90E-08	1.01E-08	1.10E-02	1.73E-06	6.01E-07	2.13E-04	3.35E-08	1.17E-08	1.14E-02	1.80E-06	6.26E-07	9.78E-05	1.54E-08	5.37E-09
604	491093.5, 3860181.97	1.07E-02	1.69E-06	5.87E-07	1.83E-04	2.89E-08	1.01E-08	1.07E-02	1.69E-06	5.89E-07	2.12E-04	3.33E-08	1.16E-08	1.12E-02	1.76E-06	6.13E-07	9.72E-05	1.53E-08	5.34E-09
605	490943.5, 3860231.97	1.12E-02	1.76E-06	6.12E-07	1.84E-04	2.89E-08	1.01E-08	1.12E-02	1.76E-06	6.14E-07	2.12E-04	3.34E-08	1.16E-08	1.17E-02	1.84E-06	6.40E-07	9.75E-05	1.54E-08	5.35E-09
606	490993.5, 3860231.97	1.09E-02	1.72E-06	6.00E-07	1.83E-04	2.88E-08	1.00E-08	1.10E-02	1.73E-06	6.02E-07	2.11E-04	3.33E-08	1.16E-08	1.14E-02	1.80E-06	6.27E-07	9.70E-05	1.53E-08	5.32E-09
607	491043.5, 3860231.97	1.07E-02	1.69E-06	5.88E-07	1.81E-04	2.86E-08	9.96E-09	1.07E-02	1.69E-06	5.90E-07	2.10E-04	3.30E-08	1.15E-08	1.12E-02	1.76E-06	6.14E-07	9.62E-05	1.52E-08	5.28E-09
608	491093.5, 3860231.97	1.05E-02	1.65E-06	5.76E-07	1.80E-04	2.84E-08	9.89E-09	1.05E-02	1.66E-06	5.77E-07	2.08E-04	3.28E-08	1.14E-08	1.10E-02	1.73E-06	6.01E-07	9.55E-05	1.51E-08	5.24E-09
609	490943.5, 3860281.97	1.09E-02	1.72E-06	5.99E-07	1.81E-04	2.85E-08	9.94E-09	1.09E-02	1.72E-06	6.00E-07	2.09E-04	3.30E-08	1.15E-08	1.14E-02	1.80E-06	6.26E-07	9.60E-05	1.51E-08	5.27E-09
610	490993.5, 3860281.97	1.07E-02	1.69E-06	5.87E-07	1.80E-04	2.84E-08	9.88E-09	1.07E-02	1.69E-06	5.89E-07	2.08E-04	3.28E-08	1.14E-08	1.12E-02	1.76E-06	6.13E-07	9.55E-05	1.50E-08	5.24E-09
611	491043.5, 3860281.97	1.05E-02	1.65E-06	5.75E-07	1.79E-04	2.82E-08	9.81E-09	1.05E-02	1.66E-06	5.77E-07	2.06E-04	3.25E-08	1.13E-08	1.09E-02	1.72E-06	6.01E-07	9.47E-05	1.49E-08	5.20E-09
612	491093.5, 3860281.97	1.03E-02	1.62E-06	5.64E-07	1.77E-04	2.80E-08	9.74E-09	1.03E-02	1.62E-06	5.65E-07	2.05E-04	3.23E-08	1.13E-08	1.07E-02	1.69E-06	5.89E-07	9.41E-05	1.48E-08	5.16E-09
613	490943.5, 3860331.97	1.06E-02	1.68E-06	5.84E-07	1.79E-04	2.81E-08	9.80E-09	1.07E-02	1.68E-06	5.86E-07	2.06E-04	3.25E-08	1.13E-08	1.11E-02	1.75E-06	6.10E-07	9.46E-05	1.49E-08	5.19E-09
614	490993.5, 3860331.97	1.04E-02	1.64E-06	5.72E-07	1.77E-04	2.79E-08	9.72E-09	1.05E-02	1.65E-06	5.74E-07	2.05E-04	3.22E-08	1.12E-08	1.09E-02	1.72E-06	5.98E-07	9.39E-05	1.48E-08	5.15E-09
615	491043.5, 3860331.97	1.02E-02	1.61E-06	5.61E-07	1.76E-04	2.77E-08	9.65E-09	1.02E-02	1.61E-06	5.62E-07	2.03E-04	3.20E-08	1.11E-08	1.07E-02	1.68E-06	5.85E-07	9.31E-05	1.47E-08	5.11E-09
616	491093.5, 3860331.97	1.00E-02	1.58E-06	5.49E-07	1.75E-04	2.75E-08	9.58E-09	1.00E-02	1.58E-06	5.51E-07	2.02E-04	3.18E-08	1.11E-08	1.05E-02	1.65E-06	5.74E-07	9.25E-05	1.46E-08	5.08E-09
617	490086.72, 3859935.12	1.74E-02	2.74E-06	9.55E-07	2.30E-04	3.62E-08	1.26E-08	1.74E-02	2.75E-06	9.57E-07	2.65E-04	4.17E-08	1.45E-08	1.82E-02	2.87E-06	1.00E-06	1.23E-04	1.94E-08	6.75E-09
618	490136.72, 3859935.12	1.70E-02	2.68E-06	9.34E-07	2.28E-04	3.60E-08	1.25E-08	1.71E-02	2.69E-06	9.36E-07	2.63E-04	4.15E-08	1.45E-08	1.78E-02	2.81E-06	9.78E-07	1.22E-04	1.92E-08	6.70E-09
619	490186.72, 3859935.12	1.66E-02	2.62E-06	9.14E-07	2.27E-04	3.57E-08	1.24E-08	1.67E-02	2.63E-06	9.16E-07	2.62E-04	4.12E-08	1.44E-08	1.74E-02	2.75E-06	9.56E-07	1.21E-04	1.91E-08	6.65E-09
620	490236.72, 3859935.12	1.63E-02	2.57E-06	8.94E-07	2.25E-04	3.55E-08	1.24E-08	1.63E-02	2.57E-06	8.96E-07	2.60E-04	4.09E-08	1.42E-08	1.70E-02	2.69E-06	9.35E-07	1.20E-04	1.89E-08	6.60E-09
621	490286.72, 3859935.12	1.59E-02	2.51E-06	8.75E-07	2.23E-04	3.51E-08	1.22E-08	1.60E-02	2.52E-06	8.77E-07	2.57E-04	4.05E-08	1.41E-08	1.67E-02	2.63E-06	9.15E-07	1.19E-04	1.88E-08	6.54E-09
622	490336.72, 3859935.12	1.56E-02	2.46E-06	8.56E-07	2.21E-04	3.48E-08	1.21E-08	1.56E-02	2.46E-06	8.58E-07	2.55E-04	4.02E-08	1.40E-08	1.63E-02	2.57E-06	8.96E-07	1.18E-04	1.86E-08	6.48E-09
623	490386.72, 3859935.12	1.53E-02	2.40E-06	8.37E-07	2.19E-04	3.45E-08	1.20E-08	1.53E-02	2.41E-06	8.40E-07	2.53E-04	3.99E-08	1.39E-08	1.60E-02	2.52E-06	8.76E-07	1.17E-04	1.84E-08	6.42E-09
624	490436.72, 3859935.12	1.49E-02	2.35E-06	8.20E-07	2.17E-04	3.42E-08	1.19E-08	1.50E-02	2.36E-06	8.22E-07	2.51E-04	3.95E-08	1.38E-08	1.56E-02	2.46E-06	8.58E-07	1.16E-04	1.83E-08	6.36E-09
625	490486.72, 3859935.12	1.46E-02	2.30E-06	8.02E-07	2.16E-04	3.40E-08	1.18E-08	1.47E-02	2.31E-06	8.04E-07	2.49E-04	3.92E-08	1.37E-08	1.53E-02	2.41E-06	8.39E-07	1.15E-04	1.81E-08	6.31E-09
626	490536.72, 3859935.12	1.43E-02	2.25E-06	7.85E-07	2.14E-04	3.38E-08	1.18E-08	1.43E-02	2.26E-06	7.87E-07	2.47E-04	3.90E-08	1.36E-08	1.50E-02	2.36E-06	8.21E-07	1.14E-04	1.80E-08	6.28E-09
627	490586.72, 3859935.12	1.40E-02	2.20E-06	7.68E-07	2.14E-04	3.37E-08	1.17E-08	1.40E-02	2.21E-06	7.70E-07	2.47E-04	3.88E-08	1.35E-08	1.46E-02	2.31E-06	8.03E-07	1.14E-04	1.79E-08	6.25E-09
628	490636.72, 3859935.12	1.37E-02	2.16E-06	7.52E-07	2.12E-04	3.35E-08	1.17E-08	1.37E-02	2.16E-06	7.54E-07	2.45E-04	3.86E-08	1.35E-08	1.43E-02	2.26E-06	7.86E-07	1.13E-04	1.78E-08	6.21E-09
629	490686.72, 3859935.12	1.34E-02	2.11E-06	7.34E-07	2.12E-04	3.34E-08	1.16E-08	1.34E-02	2.11E-06	7.36E-07	2.45E-04	3.86E-08	1.34E-08	1.40E-02	2.20E-06	7.68E-07	1.13E-04	1.78E-08	6.20E-09
630	490736.72, 3859935.12	1.31E-02	2.06E-06	7.19E-07	2.11E-04	3.33E-08	1.16E-08	1.31E-02	2.07E-06	7.20E-07	2.44E-04	3.84E-08	1.34E-08	1.37E-02	2.16E-06	7.51E-07	1.13E-04	1.77E-08	6.18E-09
631	490086.72, 3859985.12	1.74E-02	2.74E-06	9.55E-07	2.25E-04	3.55E-08	1.24E-08	1.74E-02	2.75E-06	9.57E-07	2.60E-04	4.09E-08	1.43E-08	1.82E-02	2.87E-06	1.00E-06	1.20E-04	1.90E-08	6.61E-09
632	490136.72, 3859985.12	1.70E-02	2.68E-06	9.33E-07	2.24E-04	3.53E-08	1.23E-08	1.70E-02	2.68E-06	9.35E-07	2.59E-04	4.07E-08	1.42E-08	1.78E-02	2.81E-06	9.77E-07	1.20E-04	1.89E-08	6.57E-09
633	490186.72, 3859985.12	1.66E-02	2.62E-06	9.12E-07	2.23E-04	3.51E-08	1.22E-08	1.67E-02	2.62E-06	9.14E-07	2.57E-04	4.05E-08	1.41E-08	1.74E-02	2.74E-06	9.55E-07	1.19E-04	1.88E-08	6.54E-09
634	490236.72, 3859985.12	1.62E-02	2.56E-06	8.91E-07	2.22E-04	3.49E-08	1.22E-08	1.63E-02	2.56E-06	8.93E-07	2.56E-04	4.03E-08	1.40E-08	1.70E-02	2.68E-06	9.33E-07	1.18E-04	1.86E-08	6.50E-09
635	490286.72, 3859985.12	1.59E-02	2.50E-06	8.71E-07	2.20E-04	3.47E-08	1.21E-08	1.59E-02	2.51E-06	8.73E-07	2.54E-04	4.00E-08	1.39E-08	1.66E-02	2.62E-06	9.12E-07	1.17E-04	1.85E-08	6.44E-09
636	490336.72, 3859985.12	1.55E-02	2.45E-06	8.52E-07	2.18E-04	3.44E-08	1.20E-08	1.56E-02	2.45E-06	8.54E-07	2.52E-04	3.96E-08	1.38E-08	1.62E-02	2.56E-06	8.92E-07	1.16E-04	1.83E-08	6.39E-09
637	490386.72, 3859985.12	1.52E-02	2.39E-06	8.34E-07	2.16E-04	3.40E-08	1.19E-08	1.52E-02	2.40E-06	8.36E-07	2.49E-04	3.93E-08	1.37E-08	1.59E-02	2.50E-06	8.72E-07	1.15E-04	1.82E-08	6.32E-09
638	490436.72, 3859985.12	1.49E-02	2.34E-06	8.16E-07	2.14E-04	3.37E-08	1.17E-08	1.49E-02	2.35E-06	8.18E-07	2.47E-04	3.89E-08	1.36E-08	1.55E-02	2.45E-06	8.53E-07	1.14E-04	1.80E-08	6.27E-09
639	490486.72, 3859985.12	1.45E-02	2.29E-06	7.98E-07	2.12E-04	3.34E-08	1.17E-08	1.46E-02	2.30E-06	8.00E-07	2.45E-04	3.86E-08	1.34E-08	1.52E-02	2.40E-06	8.35E-07	1.13E-04	1.78E-08	6.21E-09
640	490536.72, 3859985.12	1.42E-02	2.24E-06	7.81E-07	2.11E-04	3.32E-08	1.16E-08	1.43E-02	2.25E-06	7.83E-07	2.43E-04	3.83E-08	1.34E-08	1.49E-02	2.34E-06	8.17E-07	1.12E-04	1.77E-08	6.17E-09
641	490586.72, 3859985.12	1.39E-02	2.19E-06	7.64E-07	2.10E-04	3.30E-08	1.15E-08	1.40E-02	2.20E-06	7.66E-07	2.42E-04	3.81E-08	1.33E-08	1.46E-02	2.29E-06	7.99E-07	1.12E-04	1.76E-08	6.13E-09
642	490636.72, 3859985.12	1.36E-02	2.14E-06	7.47E-07	2.09E-04	3.29E-08	1.15E-08	1.37E-02	2.15E-06	7.49E-07	2.41E-04	3.79E-08	1.32E-08	1.42E-02	2.24E-06	7.81E-07	1.11E-04	1.75E-08	6.10E-09
643	490686.72, 3859985.12	1.33E-02	2.09E-06	7.30E-07	2.08E-04	3.28E-08	1.14E-08	1.33E-02	2.10E-06	7.32E-07	2.40E-04	3.79E-08	1.32E-08	1.39E-02	2.19E-06	7.63E-07	1.11E-04	1.75E-08	6.08E-09
644	490736.72, 3859985.12	1.30E-02	2.05E-06	7.15E-07	2.07E-04	3.26E-08	1.14E-08	1.31E-02	2.06E-06	7.17E-07	2.39E-04	3.77E-08	1.31E-08	1.36E-02	2.14E-06	7.47E-07	1.10E-04	1.74E-08	6.05E-09
645	490786.72, 3859985.12	1.28E-02	2.01E-06	7.00E-07	2.06E-04	3.25E-08	1.13E-08	1.28E-02	2.02E-06	7.02E-07	2.38E-04	3.75E-08	1.31E-08	1.33E-02	2.10E-06	7.32E-07	1.10E-04	1.73E-08	6.02E-09
646	490086.72, 3860035.12	1.74E-02	2.74E-06	9.55E-07	2.21E-04	3.48E-08	1.21E-08	1.74E-02	2.75E-06	9.57E-07	2.55E-04	4.01E-08	1.40E-08	1.82E-02	2.87E-06	1.00E-06	1.18E-04	1.86E-08	6.47E-09
647	490136.72, 3860035.12	1.70E-02	2.68E-06	9.32E-07	2.20E-04	3.46E-08	1.21E-08	1.70E-02	2.68E-06	9.34E-07	2.54E-04	4.00E-08	1.39E-08	1.78E-02	2.80E-06	9.76E-07	1.17E-04	1.85E-08	6.45E-09
648	490186.72, 3860035.12	1.66E-02	2.61E-06	9.10E-07	2.19E-04	3.45E-08	1.20E-08	1.66E-02	2.62E-06	9.12E-07	2.53E-04	3.98E-08	1.39E-08	1.74E-02	2.73E-06	9.53E-07	1.17E-04	1.84E-08	6.41E-09
649	490236.72, 3860035.12	1.62E-02	2.55E-06	8.89E-07	2.18E-04	3.43E-08	1.20E-08	1.62E-02	2.56E-06	8.91E-07	2.51E-04	3.96E-08	1.38E-08	1.69E-02	2.67E-06	9.30E-07	1.16E-04	1.83E-08	6.38E-09
650	490286.72, 3860035.12	1.58E-02	2.49E-06	8.68E-07	2.16E-04	3.41E-08	1.19E-08	1.59E-02	2.50E-06	8.70E-07	2.50E-04	3.93E-08	1.37E-08	1.66E-02	2.61E-06	9.09E-07	1.15E-04	1.82E-08	6.33E-09
651	490336.72, 3860035.12	1.54E-02	2.43E-06	8.48E-07	2.15E-04	3.38E-08	1.18E-08	1.55E-02	2.44E-06	8.50E-07	2.48E-04	3.91E-08	1.36E-08	1.62E-02	2.55E-06	8.87E-07	1.15E-04	1.80E-08	6.29E-09
652	490386.72, 3860035.12	1.51E-02	2.38E-06	8.29E-07	2.13E-04	3.35E-08	1.17E-08	1.51E-02	2.38E-06	8.31E-07	2.46E-04	3.87E-08	1.35E-08	1.58E-02	2.49E-06	8.67E-07	1.13E-04	1.79E-08	6.23E-09
653	490436.72, 3860035.12	1.48E-02	2.33E-06	8.10E-07	2.11E-04	3.32E-08	1.16E-08	1.48E-02	2.33E-06	8.12E-07	2.43E-04	3.84E-08	1.34E-08	1.54E-02	2.43E-06	8.48E-07	1.12E-04	1.77E-08	6.17E-09
654	490486.72, 3860035.12	1.44E-02	2.27E-06	7.92E-07	2.09E-04	3.30E-08	1.15E-08	1.45E-02	2.28E-06	7.94E-07	2.41E-04	3.80E-08	1.32E-08	1.51E-02	2.38E-06	8.29E-07	1.11E-04	1.76E-08	6.12E-09
655	490536.72, 3860035.12	1.41E-02	2.22E-06	7.75E-07	2.08E-04	3.27E-08	1.14E-08	1.42E-02	2.23E-06	7.77E-07	2.40E-04	3.78E-08	1.32E-08	1.48E-02	2.33E-06	8.11E-07	1.11E-04	1.74E-08	6.07E-09
656	490586.72, 3860035.12	1.38E-02	2.18E-06	7.58E-07	2.06E-04	3.25E-08	1.13E-08	1.38E-02	2.18E-06	7.60E-07	2.38E-04	3.75E-08	1.31E-08	1.44E-02	2.28E-06	7.93E-07	1.10E-04	1.73E-08	6.02E-09
657	490636.72, 3860035.12	1.35E-02	2.13E-06	7.42E-07	2.04E-04	3.22E-08	1.12E-08	1.35E-02	2.13E-06	7.44E-07	2.36E-04	3.72E-08	1.30E-08	1.41E-02	2.23E-06	7.76E-07	1.09E-04	1.71E-08	5.97E-09
658	490686.72, 3860035.12	1.32E-02	2.08E-06	7.26E-07	2.03E-04	3.21E-08	1.12E-08	1.33E-02	2.09E-06	7.28E-07	2.35E-04	3.70E-08	1.29E-08	1.38E-02	2.18E-06	7.59E-07	1.08E-04	1.71E-08	5.94E-09
659	490736.72, 3860035.12	1.29E-02	2.04E-06	7.10E-07	2.03E-04	3.20E-08	1.11E-08	1.30E-02	2.04E-06	7.12E-07	2.34E-04	3.69E-08	1.29E-08	1.35E-02	2.13E-06	7.42E-07	1.08E-04	1.70E-08	5.93E-09
660	490786.72, 3860035.12	1.27E-02	2.00E-06	6.95E-07	2.02E-04	3.18E-08	1.11E-08	1.27E-02	2.00E-06	6.97E-07	2.33E-04	3.67E-08	1.28E-08	1.32E-02	2.09E-06	7.27E-07	1.07E-04	1.69E-08	5.89E-09
661	490836.72, 3860035.12	1.24E-02	1.96E-06	6.81E-07	2.01E-04	3.16E-08	1.10E-08	1.24E-02	1.96E-06	6.83E-07	2.32E-04	3.65E-08	1.27E-08	1.30E-02	2.04E-06	7.12E-07	1.07E-04	1.68E-08	5.86E-09
662	490086.72, 3860085.12	1.73E-02	2.73E-06	9.51E-07	2.17E-04	3.41E-08	1.19E-08	1.74E-02	2.73E-06	9.53E-07	2.50E-04	3.94E-08	1.37E-08	1.81E-02	2.86E-06	9.96E-07	1.16E-04	1.82E-08	6.35E-09
663	490136.72, 3860085.12	1.69E-02	2.67E-06	9.30E-07	2.15E-04	3.39E-08	1.18E-08	1.70E-02	2.68E-06	9.32E-07	2.49E-04	3.92E-08	1.36E-08	1.77E-02	2.80E-06	9.74E-07	1.15E-04	1.81E-08	6.31E-09
664	490186.72, 3860085.12	1.65E-02	2.60E-06	9.06E-07	2.15E-04	3.39E-08	1.18E-08	1.66E-02	2.61E-06	9.08E-07	2.48E-04	3.91E-08	1.36E-08	1.73E-02	2.72E-06	9.49E-07	1.15E-04	1.81E-08	6.29E-09
665	490236.72, 3860085.12	1.61E-02	2.54E-06	8.84E-07	2.14E-04	3.37E-08	1.17E-08	1.61E-02	2.54E-06	8.86E-07	2.47E-04	3.89E-08	1.35E-08	1.69E-02	2.66E-06	9.26E-07	1.14E-04	1.80E-08	6.26E-09
666	490286.72, 3860085.12	1.57E-02	2.48E-06	8.63E-07	2.13E-04	3.35E-08	1.17E-08	1.58E-02	2.48E-06	8.65E-07	2.45E-04	3.87E-08	1.35E-08	1.65E-02	2.59E-06	9.03E-07	1.13E-04	1.79E-08	6.22E-09

667	490336.72, 3860085.12	1.54E-02	2.42E-06	8.43E-07	2.11E-04	3.33E-08	1.16E-08	1.54E-02	2.42E-06	8.45E-07	2.44E-04	3.84E-08	1.34E-08	1.61E-02	2.53E-06	8.82E-07	1.13E-04	1.77E-08	6.18E-09
668	490386.72, 3860085.12	1.50E-02	2.36E-06	8.23E-07	2.10E-04	3.30E-08	1.15E-08	1.50E-02	2.37E-06	8.25E-07	2.42E-04	3.81E-08	1.33E-08	1.57E-02	2.47E-06	8.61E-07	1.12E-04	1.76E-08	6.13E-09
669	490436.72, 3860085.12	1.46E-02	2.31E-06	8.04E-07	2.08E-04	3.28E-08	1.14E-08	1.47E-02	2.31E-06	8.06E-07	2.40E-04	3.78E-08	1.32E-08	1.53E-02	2.41E-06	8.41E-07	1.11E-04	1.74E-08	6.08E-09
670	490486.72, 3860085.12	1.43E-02	2.25E-06	7.85E-07	2.06E-04	3.25E-08	1.13E-08	1.43E-02	2.26E-06	7.87E-07	2.38E-04	3.75E-08	1.31E-08	1.50E-02	2.36E-06	8.22E-07	1.10E-04	1.73E-08	6.02E-09
671	490536.72, 3860085.12	1.40E-02	2.20E-06	7.68E-07	2.04E-04	3.22E-08	1.12E-08	1.40E-02	2.21E-06	7.70E-07	2.36E-04	3.72E-08	1.30E-08	1.46E-02	2.31E-06	8.03E-07	1.09E-04	1.71E-08	5.97E-09
672	490586.72, 3860085.12	1.37E-02	2.15E-06	7.51E-07	2.03E-04	3.20E-08	1.11E-08	1.37E-02	2.16E-06	7.52E-07	2.34E-04	3.69E-08	1.29E-08	1.43E-02	2.25E-06	7.85E-07	1.08E-04	1.70E-08	5.93E-09
673	490636.72, 3860085.12	1.34E-02	2.11E-06	7.34E-07	2.01E-04	3.17E-08	1.10E-08	1.34E-02	2.11E-06	7.36E-07	2.32E-04	3.66E-08	1.28E-08	1.40E-02	2.20E-06	7.68E-07	1.07E-04	1.69E-08	5.88E-09
674	490686.72, 3860085.12	1.31E-02	2.06E-06	7.18E-07	2.00E-04	3.15E-08	1.10E-08	1.31E-02	2.07E-06	7.20E-07	2.31E-04	3.64E-08	1.27E-08	1.37E-02	2.16E-06	7.51E-07	1.06E-04	1.68E-08	5.84E-09
675	490736.72, 3860085.12	1.28E-02	2.02E-06	7.03E-07	1.99E-04	3.13E-08	1.09E-08	1.28E-02	2.02E-06	7.04E-07	2.30E-04	3.62E-08	1.26E-08	1.34E-02	2.11E-06	7.35E-07	1.06E-04	1.67E-08	5.81E-09
676	490786.72, 3860085.12	1.25E-02	1.97E-06	6.88E-07	1.98E-04	3.12E-08	1.09E-08	1.26E-02	1.98E-06	6.90E-07	2.29E-04	3.60E-08	1.25E-08	1.31E-02	2.06E-06	7.19E-07	1.05E-04	1.66E-08	5.78E-09
677	490836.72, 3860085.12	1.23E-02	1.93E-06	6.74E-07	1.97E-04	3.10E-08	1.08E-08	1.23E-02	1.94E-06	6.75E-07	2.27E-04	3.58E-08	1.25E-08	1.28E-02	2.02E-06	7.04E-07	1.05E-04	1.65E-08	5.74E-09
678	490086.72, 3860135.12	1.74E-02	2.74E-06	9.53E-07	2.11E-04	3.32E-08	1.16E-08	1.74E-02	2.74E-06	9.55E-07	2.43E-04	3.83E-08	1.33E-08	1.82E-02	2.87E-06	9.98E-07	1.12E-04	1.77E-08	6.17E-09
679	490136.72, 3860135.12	1.69E-02	2.66E-06	9.27E-07	2.11E-04	3.32E-08	1.16E-08	1.69E-02	2.67E-06	9.29E-07	2.43E-04	3.83E-08	1.33E-08	1.77E-02	2.79E-06	9.71E-07	1.12E-04	1.77E-08	6.16E-09
680	490186.72, 3860135.12	1.64E-02	2.59E-06	9.02E-07	2.10E-04	3.31E-08	1.15E-08	1.65E-02	2.59E-06	9.04E-07	2.43E-04	3.82E-08	1.33E-08	1.72E-02	2.71E-06	9.45E-07	1.12E-04	1.77E-08	6.16E-09
681	490236.72, 3860135.12	1.60E-02	2.52E-06	8.79E-07	2.10E-04	3.30E-08	1.15E-08	1.60E-02	2.53E-06	8.81E-07	2.42E-04	3.81E-08	1.33E-08	1.68E-02	2.64E-06	9.20E-07	1.12E-04	1.76E-08	6.13E-09
682	490286.72, 3860135.12	1.56E-02	2.46E-06	8.57E-07	2.09E-04	3.29E-08	1.15E-08	1.56E-02	2.46E-06	8.59E-07	2.41E-04	3.80E-08	1.32E-08	1.63E-02	2.57E-06	8.97E-07	1.11E-04	1.75E-08	6.10E-09
683	490336.72, 3860135.12	1.52E-02	2.40E-06	8.35E-07	2.08E-04	3.27E-08	1.14E-08	1.53E-02	2.40E-06	8.37E-07	2.40E-04	3.78E-08	1.32E-08	1.59E-02	2.51E-06	8.74E-07	1.11E-04	1.74E-08	6.07E-09
684	490386.72, 3860135.12	1.49E-02	2.34E-06	8.15E-07	2.06E-04	3.25E-08	1.13E-08	1.49E-02	2.34E-06	8.17E-07	2.38E-04	3.75E-08	1.31E-08	1.55E-02	2.45E-06	8.53E-07	1.10E-04	1.73E-08	6.03E-09
685	490436.72, 3860135.12	1.45E-02	2.28E-06	7.96E-07	2.05E-04	3.22E-08	1.12E-08	1.45E-02	2.29E-06	7.97E-07	2.36E-04	3.72E-08	1.30E-08	1.52E-02	2.39E-06	8.33E-07	1.09E-04	1.72E-08	5.98E-09
686	490486.72, 3860135.12	1.42E-02	2.23E-06	7.77E-07	2.03E-04	3.20E-08	1.11E-08	1.42E-02	2.24E-06	7.79E-07	2.34E-04	3.69E-08	1.29E-08	1.48E-02	2.33E-06	8.13E-07	1.08E-04	1.70E-08	5.93E-09
687	490536.72, 3860135.12	1.38E-02	2.18E-06	7.59E-07	2.02E-04	3.18E-08	1.11E-08	1.39E-02	2.18E-06	7.61E-07	2.33E-04	3.67E-08	1.28E-08	1.45E-02	2.28E-06	7.94E-07	1.07E-04	1.69E-08	5.89E-09
688	490586.72, 3860135.12	1.35E-02	2.13E-06	7.41E-07	2.00E-04	3.15E-08	1.10E-08	1.35E-02	2.13E-06	7.43E-07	2.31E-04	3.64E-08	1.27E-08	1.41E-02	2.23E-06	7.76E-07	1.06E-04	1.68E-08	5.84E-09
689	490636.72, 3860135.12	1.32E-02	2.08E-06	7.25E-07	1.98E-04	3.12E-08	1.09E-08	1.32E-02	2.09E-06	7.27E-07	2.29E-04	3.61E-08	1.26E-08	1.38E-02	2.18E-06	7.58E-07	1.05E-04	1.66E-08	5.79E-09
690	490686.72, 3860135.12	1.29E-02	2.03E-06	7.09E-07	1.97E-04	3.10E-08	1.08E-08	1.29E-02	2.04E-06	7.10E-07	2.27E-04	3.58E-08	1.25E-08	1.35E-02	2.13E-06	7.41E-07	1.05E-04	1.65E-08	5.74E-09
691	490736.72, 3860135.12	1.26E-02	1.99E-06	6.93E-07	1.95E-04	3.08E-08	1.07E-08	1.27E-02	2.00E-06	6.95E-07	2.26E-04	3.55E-08	1.24E-08	1.32E-02	2.08E-06	7.25E-07	1.04E-04	1.64E-08	5.70E-09
692	490786.72, 3860135.12	1.24E-02	1.95E-06	6.79E-07	1.94E-04	3.06E-08	1.07E-08	1.24E-02	1.95E-06	6.80E-07	2.24E-04	3.53E-08	1.23E-08	1.29E-02	2.04E-06	7.09E-07	1.03E-04	1.63E-08	5.67E-09
693	490836.72, 3860135.12	1.21E-02	1.91E-06	6.64E-07	1.93E-04	3.04E-08	1.06E-08	1.21E-02	1.91E-06	6.66E-07	2.23E-04	3.51E-08	1.22E-08	1.27E-02	1.99E-06	6.94E-07	1.03E-04	1.61E-08	5.63E-09
694	490086.72, 3860185.12	1.73E-02	2.72E-06	9.49E-07	2.05E-04	3.23E-08	1.13E-08	1.73E-02	2.73E-06	9.51E-07	2.37E-04	3.73E-08	1.30E-08	1.81E-02	2.85E-06	9.94E-07	1.09E-04	1.72E-08	6.00E-09
695	490136.72, 3860185.12	1.68E-02	2.64E-06	9.21E-07	2.06E-04	3.24E-08	1.13E-08	1.68E-02	2.65E-06	9.23E-07	2.37E-04	3.74E-08	1.30E-08	1.76E-02	2.77E-06	9.65E-07	1.10E-04	1.73E-08	6.01E-09
696	490186.72, 3860185.12	1.63E-02	2.57E-06	8.95E-07	2.06E-04	3.24E-08	1.13E-08	1.63E-02	2.57E-06	8.97E-07	2.37E-04	3.74E-08	1.30E-08	1.71E-02	2.69E-06	9.38E-07	1.10E-04	1.73E-08	6.01E-09
697	490236.72, 3860185.12	1.59E-02	2.50E-06	8.71E-07	2.05E-04	3.23E-08	1.13E-08	1.59E-02	2.51E-06	8.73E-07	2.37E-04	3.73E-08	1.30E-08	1.66E-02	2.62E-06	9.12E-07	1.09E-04	1.72E-08	6.00E-09
698	490286.72, 3860185.12	1.54E-02	2.43E-06	8.48E-07	2.05E-04	3.23E-08	1.12E-08	1.55E-02	2.44E-06	8.50E-07	2.36E-04	3.72E-08	1.30E-08	1.62E-02	2.55E-06	8.88E-07	1.09E-04	1.72E-08	5.98E-09
699	490336.72, 3860185.12	1.50E-02	2.37E-06	8.26E-07	2.04E-04	3.21E-08	1.12E-08	1.51E-02	2.38E-06	8.28E-07	2.35E-04	3.71E-08	1.29E-08	1.58E-02	2.48E-06	8.65E-07	1.08E-04	1.71E-08	5.95E-09
700	490386.72, 3860185.12	1.47E-02	2.31E-06	8.05E-07	2.03E-04	3.19E-08	1.11E-08	1.47E-02	2.32E-06	8.07E-07	2.34E-04	3.69E-08	1.28E-08	1.54E-02	2.42E-06	8.43E-07	1.08E-04	1.70E-08	5.92E-09
701	490436.72, 3860185.12	1.43E-02	2.25E-06	7.85E-07	2.02E-04	3.17E-08	1.11E-08	1.43E-02	2.26E-06	7.87E-07	2.33E-04	3.66E-08	1.28E-08	1.50E-02	2.36E-06	8.22E-07	1.07E-04	1.69E-08	5.88E-09
702	490486.72, 3860185.12	1.40E-02	2.20E-06	7.66E-07	2.00E-04	3.15E-08	1.10E-08	1.40E-02	2.20E-06	7.68E-07	2.31E-04	3.64E-08	1.27E-08	1.46E-02	2.30E-06	8.02E-07	1.06E-04	1.68E-08	5.84E-09
703	490536.72, 3860185.12	1.36E-02	2.15E-06	7.48E-07	1.99E-04	3.13E-08	1.09E-08	1.37E-02	2.15E-06	7.50E-07	2.29E-04	3.61E-08	1.26E-08	1.43E-02	2.25E-06	7.82E-07	1.06E-04	1.66E-08	5.79E-09
704	490586.72, 3860185.12	1.33E-02	2.10E-06	7.30E-07	1.97E-04	3.11E-08	1.08E-08	1.33E-02	2.10E-06	7.32E-07	2.28E-04	3.59E-08	1.25E-08	1.39E-02	2.19E-06	7.64E-07	1.05E-04	1.65E-08	5.75E-09
705	490636.72, 3860185.12	1.30E-02	2.05E-06	7.13E-07	1.96E-04	3.08E-08	1.07E-08	1.30E-02	2.05E-06	7.15E-07	2.26E-04	3.56E-08	1.24E-08	1.36E-02	2.14E-06	7.46E-07	1.04E-04	1.64E-08	5.70E-09
706	490686.72, 3860185.12	1.27E-02	2.00E-06	6.97E-07	1.94E-04	3.06E-08	1.06E-08	1.27E-02	2.01E-06	6.99E-07	2.24E-04	3.53E-08	1.23E-08	1.33E-02	2.09E-06	7.29E-07	1.03E-04	1.62E-08	5.66E-09
707	490736.72, 3860185.12	1.24E-02	1.96E-06	6.82E-07	1.92E-04	3.03E-08	1.06E-08	1.25E-02	1.96E-06	6.84E-07	2.22E-04	3.50E-08	1.22E-08	1.30E-02	2.05E-06	7.13E-07	1.02E-04	1.61E-08	5.61E-09
708	490786.72, 3860185.12	1.22E-02	1.91E-06	6.67E-07	1.91E-04	3.01E-08	1.05E-08	1.22E-02	1.92E-06	6.69E-07	2.20E-04	3.47E-08	1.21E-08	1.27E-02	2.00E-06	6.97E-07	1.01E-04	1.60E-08	5.57E-09
709	490836.72, 3860185.12	1.19E-02	1.87E-06	6.53E-07	1.90E-04	2.99E-08	1.04E-08	1.19E-02	1.88E-06	6.55E-07	2.19E-04	3.45E-08	1.20E-08	1.24E-02	1.96E-06	6.83E-07	1.01E-04	1.59E-08	5.53E-09
710	490086.72, 3860235.12	1.71E-02	2.70E-06	9.41E-07	2.00E-04	3.15E-08	1.10E-08	1.72E-02	2.71E-06	9.42E-07	2.31E-04	3.63E-08	1.27E-08	1.80E-02	2.83E-06	9.86E-07	1.07E-04	1.68E-08	5.85E-09
711	490136.72, 3860235.12	1.66E-02	2.62E-06	9.12E-07	2.00E-04	3.16E-08	1.10E-08	1.66E-02	2.62E-06	9.14E-07	2.31E-04	3.64E-08	1.27E-08	1.74E-02	2.74E-06	9.55E-07	1.07E-04	1.68E-08	5.86E-09
712	490186.72, 3860235.12	1.61E-02	2.54E-06	8.85E-07	2.01E-04	3.16E-08	1.10E-08	1.62E-02	2.54E-06	8.87E-07	2.32E-04	3.65E-08	1.27E-08	1.69E-02	2.66E-06	9.27E-07	1.07E-04	1.68E-08	5.87E-09
713	490236.72, 3860235.12	1.57E-02	2.47E-06	8.60E-07	2.01E-04	3.16E-08	1.10E-08	1.57E-02	2.47E-06	8.61E-07	2.32E-04	3.65E-08	1.27E-08	1.64E-02	2.58E-06	9.00E-07	1.07E-04	1.68E-08	5.86E-09
714	490286.72, 3860235.12	1.52E-02	2.40E-06	8.36E-07	2.01E-04	3.16E-08	1.10E-08	1.53E-02	2.40E-06	8.38E-07	2.31E-04	3.65E-08	1.27E-08	1.59E-02	2.51E-06	8.75E-07	1.07E-04	1.68E-08	5.85E-09
715	490336.72, 3860235.12	1.48E-02	2.34E-06	8.14E-07	2.00E-04	3.15E-08	1.10E-08	1.49E-02	2.34E-06	8.15E-07	2.31E-04	3.64E-08	1.27E-08	1.55E-02	2.44E-06	8.52E-07	1.06E-04	1.67E-08	5.83E-09
716	490386.72, 3860235.12	1.44E-02	2.27E-06	7.92E-07	1.99E-04	3.14E-08	1.09E-08	1.45E-02	2.28E-06	7.94E-07	2.30E-04	3.62E-08	1.26E-08	1.51E-02	2.38E-06	8.29E-07	1.06E-04	1.67E-08	5.81E-09
717	490436.72, 3860235.12	1.41E-02	2.22E-06	7.72E-07	1.98E-04	3.12E-08	1.09E-08	1.41E-02	2.22E-06	7.74E-07	2.29E-04	3.61E-08	1.26E-08	1.47E-02	2.32E-06	8.08E-07	1.05E-04	1.66E-08	5.78E-09
718	490486.72, 3860235.12	1.37E-02	2.16E-06	7.53E-07	1.97E-04	3.10E-08	1.08E-08	1.38E-02	2.17E-06	7.55E-07	2.27E-04	3.58E-08	1.25E-08	1.44E-02	2.26E-06	7.88E-07	1.05E-04	1.65E-08	5.74E-09
719	490536.72, 3860235.12	1.34E-02	2.11E-06	7.35E-07	1.96E-04	3.08E-08	1.07E-08	1.34E-02	2.11E-06	7.36E-07	2.26E-04	3.56E-08	1.24E-08	1.40E-02	2.21E-06	7.68E-07	1.04E-04	1.64E-08	5.70E-09
720	490586.72, 3860235.12	1.31E-02	2.06E-06	7.17E-07	1.94E-04	3.06E-08	1.07E-08	1.31E-02	2.06E-06	7.19E-07	2.24E-04	3.53E-08	1.23E-08	1.37E-02	2.15E-06	7.50E-07	1.03E-04	1.63E-08	5.66E-09
721	490636.72, 3860235.12	1.28E-02	2.01E-06	7.00E-07	1.93E-04	3.04E-08	1.06E-08	1.28E-02	2.02E-06	7.02E-07	2.23E-04	3.51E-08	1.22E-08	1.33E-02	2.10E-06	7.32E-07	1.02E-04	1.61E-08	5.62E-09
722	490686.72, 3860235.12	1.25E-02	1.96E-06	6.84E-07	1.91E-04	3.01E-08	1.05E-08	1.25E-02	1.97E-06	6.86E-07	2.21E-04	3.48E-08	1.21E-08	1.30E-02	2.05E-06	7.16E-07	1.02E-04	1.60E-08	5.57E-09
723	490736.72, 3860235.12	1.22E-02	1.92E-06	6.69E-07	1.90E-04	2.99E-08	1.04E-08	1.22E-02	1.93E-06	6.71E-07	2.19E-04	3.45E-08	1.20E-08	1.27E-02	2.01E-06	6.99E-07	1.01E-04	1.59E-08	5.53E-09
724	490786.72, 3860235.12	1.19E-02	1.88E-06	6.54E-07	1.88E-04	2.96E-08	1.03E-08	1.20E-02	1.88E-06	6.56E-07	2.17E-04	3.42E-08	1.19E-08	1.25E-02	1.96E-06	6.84E-07	9.99E-05	1.57E-08	5.48E-09
725	490086.72, 3860285.12	1.69E-02	2.66E-06	9.27E-07	1.94E-04	3.06E-08	1.07E-08	1.69E-02	2.67E-06	9.29E-07	2.24E-04	3.54E-08	1.23E-08	1.77E-02	2.79E-06	9.72E-07	1.04E-04	1.63E-08	5.68E-09
726	490136.72, 3860285.12	1.64E-02	2.58E-06	8.98E-07	1.95E-04	3.08E-08	1.07E-08	1.64E-02	2.58E-06	9.00E-07	2.25E-04	3.55E-08	1.24E-08	1.71E-02	2.70E-06	9.41E-07	1.04E-04	1.64E-08	5.70E-09
727	490186.72, 3860285.12	1.59E-02	2.50E-06	8.70E-07	1.96E-04	3.08E-08	1.07E-08	1.59E-02	2.50E-06	8.72E-07	2.26E-04	3.56E-08	1.24E-08	1.66E-02	2.62E-06	9.12E-07	1.04E-04	1.64E-08	5.72E-09
728	490236.72, 3860285.12	1.54E-02	2.42E-06	8.44E-07	1.96E-04	3.09E-08	1.08E-08	1.54E-02	2.43E-06	8.46E-07	2.26E-04	3.57E-08	1.24E-08	1.61E-02	2.54E-06	8.84E-07	1.04E-04	1.64E-08	5.72E-09
729	490286.72, 3860285.12	1.49E-02	2.35E-06	8.20E-07	1.96E-04	3.09E-08	1.08E-08	1.50E-02	2.36E-06	8.22E-07	2.26E-04	3.57E-08	1.24E-08	1.57E-02	2.47E-06	8.59E-07	1.04E-04	1.64E-08	5.72E-09
730	490336.72, 3860285.12	1.45E-02	2.29E-06	7.98E-07	1.96E-04	3.09E-08	1.07E-08	1.46E-02	2.30E-06	8.00E-07	2.26E-04	3.56E-08	1.24E-08	1.52E-02	2.40E-06	8.35E-07	1.04E-04	1.64E-08	5.71E-09
731	490386.72, 3860285.12	1.41E-02	2.23E-06	7.77E-07	1.95E-04	3.08E-08	1.07E-08	1.42E-02	2.23E-06	7.78E-07	2.26E-04	3.55E-08	1.24E-08	1.48E-02	2.33E-06	8.13E-07	1.04E-04	1.64E-08	5.70E-09
732	490436.72, 3860285.12	1.38E-02	2.17E-06	7.56E-07	1.95E-04	3.07E-08	1.07E-08	1.38E-02	2.18E-06	7.58E-07	2.25E-04	3.54E-08	1.23E-08	1.44E-02	2.27E-06	7.92E-07	1.03E-04	1.63E-08	5.67E-09
733	490486.72, 3860285.12	1.34E-02	2.12E-06	7.37E-07	1.94E-04	3.05E-08	1.06E-08	1.35E-02	2.12E-06	7.39E-07	2.24E-04	3.52E-08	1.23E-08	1.41E-02	2.21E-06	7.71E-07	1.03E-04	1.62E-08	5.65E-09

734	490536.72, 3860285.12	1.31E-02	2.06E-06	7.19E-07	1.93E-04	3.03E-08	1.06E-08	1.31E-02	2.07E-06	7.21E-07	2.22E-04	3.50E-08	1.22E-08	1.37E-02	2.16E-06	7.52E-07	1.02E-04	1.61E-08	5.61E-09
735	490586.72, 3860285.12	1.28E-02	2.01E-06	7.01E-07	1.91E-04	3.01E-08	1.05E-08	1.28E-02	2.02E-06	7.03E-07	2.21E-04	3.48E-08	1.21E-08	1.34E-02	2.11E-06	7.34E-07	1.01E-04	1.60E-08	5.57E-09
736	490636.72, 3860285.12	1.25E-02	1.97E-06	6.85E-07	1.90E-04	2.99E-08	1.04E-08	1.25E-02	1.97E-06	6.87E-07	2.19E-04	3.46E-08	1.20E-08	1.30E-02	2.06E-06	7.16E-07	1.01E-04	1.59E-08	5.53E-09
737	490686.72, 3860285.12	1.22E-02	1.92E-06	6.69E-07	1.89E-04	2.97E-08	1.04E-08	1.22E-02	1.93E-06	6.71E-07	2.18E-04	3.43E-08	1.20E-08	1.27E-02	2.01E-06	7.00E-07	1.00E-04	1.58E-08	5.49E-09
738	490736.72, 3860285.12	1.19E-02	1.88E-06	6.54E-07	1.87E-04	2.95E-08	1.03E-08	1.19E-02	1.88E-06	6.56E-07	2.16E-04	3.40E-08	1.19E-08	1.25E-02	1.96E-06	6.84E-07	9.93E-05	1.56E-08	5.45E-09
739	490786.72, 3860285.12	1.17E-02	1.84E-06	6.40E-07	1.86E-04	2.93E-08	1.02E-08	1.17E-02	1.84E-06	6.41E-07	2.14E-04	3.38E-08	1.18E-08	1.22E-02	1.92E-06	6.69E-07	9.85E-05	1.55E-08	5.41E-09
740	490086.72, 3860335.12	1.65E-02	2.61E-06	9.08E-07	1.89E-04	2.98E-08	1.04E-08	1.66E-02	2.61E-06	9.10E-07	2.18E-04	3.44E-08	1.20E-08	1.73E-02	2.73E-06	9.52E-07	1.01E-04	1.59E-08	5.52E-09
741	490136.72, 3860335.12	1.60E-02	2.52E-06	8.78E-07	1.90E-04	2.99E-08	1.04E-08	1.60E-02	2.53E-06	8.80E-07	2.19E-04	3.46E-08	1.20E-08	1.68E-02	2.64E-06	9.20E-07	1.01E-04	1.59E-08	5.55E-09
742	490186.72, 3860335.12	1.55E-02	2.44E-06	8.51E-07	1.91E-04	3.01E-08	1.05E-08	1.55E-02	2.45E-06	8.52E-07	2.20E-04	3.47E-08	1.21E-08	1.62E-02	2.56E-06	8.91E-07	1.01E-04	1.60E-08	5.56E-09
743	490236.72, 3860335.12	1.50E-02	2.37E-06	8.25E-07	1.91E-04	3.02E-08	1.05E-08	1.51E-02	2.37E-06	8.27E-07	2.21E-04	3.48E-08	1.21E-08	1.57E-02	2.48E-06	8.64E-07	1.02E-04	1.60E-08	5.58E-09
744	490286.72, 3860335.12	1.46E-02	2.30E-06	8.01E-07	1.92E-04	3.02E-08	1.05E-08	1.46E-02	2.30E-06	8.03E-07	2.21E-04	3.49E-08	1.21E-08	1.53E-02	2.41E-06	8.39E-07	1.02E-04	1.60E-08	5.59E-09
745	490336.72, 3860335.12	1.42E-02	2.23E-06	7.79E-07	1.92E-04	3.02E-08	1.05E-08	1.42E-02	2.24E-06	7.80E-07	2.21E-04	3.49E-08	1.21E-08	1.49E-02	2.34E-06	8.15E-07	1.02E-04	1.60E-08	5.58E-09
746	490386.72, 3860335.12	1.38E-02	2.17E-06	7.57E-07	1.91E-04	3.02E-08	1.05E-08	1.38E-02	2.18E-06	7.59E-07	2.21E-04	3.48E-08	1.21E-08	1.44E-02	2.28E-06	7.93E-07	1.02E-04	1.60E-08	5.58E-09
747	490436.72, 3860335.12	1.34E-02	2.12E-06	7.38E-07	1.91E-04	3.01E-08	1.05E-08	1.35E-02	2.12E-06	7.39E-07	2.21E-04	3.47E-08	1.21E-08	1.41E-02	2.22E-06	7.72E-07	1.01E-04	1.60E-08	5.56E-09
748	490486.72, 3860335.12	1.31E-02	2.06E-06	7.19E-07	1.90E-04	3.00E-08	1.04E-08	1.31E-02	2.07E-06	7.20E-07	2.20E-04	3.46E-08	1.21E-08	1.37E-02	2.16E-06	7.52E-07	1.01E-04	1.59E-08	5.54E-09
749	490536.72, 3860335.12	1.28E-02	2.01E-06	7.01E-07	1.90E-04	2.99E-08	1.04E-08	1.28E-02	2.02E-06	7.03E-07	2.19E-04	3.45E-08	1.20E-08	1.34E-02	2.10E-06	7.33E-07	1.00E-04	1.58E-08	5.52E-09
750	490586.72, 3860335.12	1.25E-02	1.96E-06	6.84E-07	1.88E-04	2.97E-08	1.03E-08	1.25E-02	1.97E-06	6.85E-07	2.18E-04	3.43E-08	1.19E-08	1.30E-02	2.05E-06	7.15E-07	9.99E-05	1.57E-08	5.48E-09
751	490636.72, 3860335.12	1.22E-02	1.92E-06	6.67E-07	1.87E-04	2.95E-08	1.03E-08	1.22E-02	1.92E-06	6.69E-07	2.16E-04	3.41E-08	1.19E-08	1.27E-02	2.00E-06	6.98E-07	9.93E-05	1.56E-08	5.45E-09
752	490686.72, 3860335.12	1.19E-02	1.87E-06	6.52E-07	1.86E-04	2.93E-08	1.02E-08	1.19E-02	1.88E-06	6.54E-07	2.15E-04	3.38E-08	1.18E-08	1.24E-02	1.96E-06	6.82E-07	9.86E-05	1.55E-08	5.41E-09
753	490736.72, 3860335.12	1.16E-02	1.83E-06	6.38E-07	1.85E-04	2.91E-08	1.01E-08	1.16E-02	1.83E-06	6.39E-07	2.13E-04	3.36E-08	1.17E-08	1.21E-02	1.91E-06	6.66E-07	9.78E-05	1.54E-08	5.37E-09
754	490786.72, 3860335.12	1.14E-02	1.79E-06	6.24E-07	1.83E-04	2.89E-08	1.01E-08	1.14E-02	1.80E-06	6.26E-07	2.12E-04	3.34E-08	1.16E-08	1.19E-02	1.87E-06	6.52E-07	9.72E-05	1.53E-08	5.33E-09
755	490086.72, 3860385.12	1.61E-02	2.53E-06	8.83E-07	1.84E-04	2.90E-08	1.01E-08	1.61E-02	2.54E-06	8.84E-07	2.12E-04	3.34E-08	1.17E-08	1.69E-02	2.66E-06	9.25E-07	9.78E-05	1.54E-08	5.37E-09
756	490136.72, 3860385.12	1.55E-02	2.45E-06	8.53E-07	1.85E-04	2.91E-08	1.02E-08	1.56E-02	2.45E-06	8.55E-07	2.14E-04	3.36E-08	1.17E-08	1.63E-02	2.57E-06	8.94E-07	9.83E-05	1.55E-08	5.39E-09
757	490186.72, 3860385.12	1.51E-02	2.37E-06	8.26E-07	1.86E-04	2.93E-08	1.02E-08	1.51E-02	2.38E-06	8.28E-07	2.14E-04	3.38E-08	1.18E-08	1.58E-02	2.48E-06	8.66E-07	9.86E-05	1.55E-08	5.41E-09
758	490236.72, 3860385.12	1.46E-02	2.30E-06	8.01E-07	1.86E-04	2.94E-08	1.02E-08	1.46E-02	2.30E-06	8.03E-07	2.15E-04	3.39E-08	1.18E-08	1.53E-02	2.41E-06	8.39E-07	9.90E-05	1.56E-08	5.43E-09
759	490286.72, 3860385.12	1.42E-02	2.23E-06	7.78E-07	1.87E-04	2.95E-08	1.03E-08	1.42E-02	2.24E-06	7.79E-07	2.16E-04	3.40E-08	1.18E-08	1.48E-02	2.34E-06	8.14E-07	9.92E-05	1.56E-08	5.44E-09
760	490336.72, 3860385.12	1.38E-02	2.17E-06	7.56E-07	1.87E-04	2.95E-08	1.03E-08	1.38E-02	2.17E-06	7.57E-07	2.16E-04	3.41E-08	1.19E-08	1.44E-02	2.27E-06	7.91E-07	9.93E-05	1.56E-08	5.45E-09
761	490386.72, 3860385.12	1.34E-02	2.11E-06	7.35E-07	1.87E-04	2.95E-08	1.03E-08	1.34E-02	2.12E-06	7.37E-07	2.16E-04	3.41E-08	1.19E-08	1.40E-02	2.21E-06	7.69E-07	9.93E-05	1.56E-08	5.45E-09
762	490436.72, 3860385.12	1.30E-02	2.05E-06	7.16E-07	1.87E-04	2.95E-08	1.03E-08	1.31E-02	2.06E-06	7.18E-07	2.16E-04	3.40E-08	1.19E-08	1.36E-02	2.15E-06	7.49E-07	9.92E-05	1.56E-08	5.44E-09
763	490486.72, 3860385.12	1.27E-02	2.00E-06	6.98E-07	1.87E-04	2.94E-08	1.03E-08	1.27E-02	2.01E-06	6.99E-07	2.16E-04	3.40E-08	1.18E-08	1.33E-02	2.09E-06	7.30E-07	9.90E-05	1.56E-08	5.43E-09
764	490536.72, 3860385.12	1.24E-02	1.95E-06	6.80E-07	1.86E-04	2.93E-08	1.02E-08	1.24E-02	1.96E-06	6.82E-07	2.15E-04	3.39E-08	1.18E-08	1.30E-02	2.04E-06	7.12E-07	9.87E-05	1.55E-08	5.42E-09
765	490586.72, 3860385.12	1.21E-02	1.91E-06	6.64E-07	1.85E-04	2.92E-08	1.02E-08	1.21E-02	1.91E-06	6.66E-07	2.14E-04	3.37E-08	1.18E-08	1.27E-02	1.99E-06	6.94E-07	9.82E-05	1.55E-08	5.39E-09
766	490636.72, 3860385.12	1.18E-02	1.86E-06	6.48E-07	1.84E-04	2.90E-08	1.01E-08	1.18E-02	1.87E-06	6.50E-07	2.13E-04	3.36E-08	1.17E-08	1.23E-02	1.95E-06	6.78E-07	9.77E-05	1.54E-08	5.36E-09
767	490686.72, 3860385.12	1.15E-02	1.82E-06	6.34E-07	1.83E-04	2.89E-08	1.01E-08	1.16E-02	1.82E-06	6.35E-07	2.12E-04	3.34E-08	1.16E-08	1.21E-02	1.90E-06	6.62E-07	9.71E-05	1.53E-08	5.33E-09
768	490736.72, 3860385.12	1.13E-02	1.78E-06	6.19E-07	1.82E-04	2.87E-08	9.99E-09	1.13E-02	1.78E-06	6.21E-07	2.10E-04	3.31E-08	1.15E-08	1.18E-02	1.86E-06	6.47E-07	9.64E-05	1.52E-08	5.29E-09
769	490786.72, 3860385.12	1.10E-02	1.74E-06	6.06E-07	1.81E-04	2.85E-08	9.92E-09	1.11E-02	1.74E-06	6.08E-07	2.09E-04	3.29E-08	1.15E-08	1.15E-02	1.82E-06	6.33E-07	9.57E-05	1.51E-08	5.25E-09
770	490136.72, 3860435.12	1.50E-02	2.36E-06	8.23E-07	1.80E-04	2.83E-08	9.87E-09	1.50E-02	2.37E-06	8.25E-07	2.08E-04	3.27E-08	1.14E-08	1.57E-02	2.48E-06	8.63E-07	9.55E-05	1.50E-08	5.24E-09
771	490186.72, 3860435.12	1.45E-02	2.29E-06	7.97E-07	1.81E-04	2.85E-08	9.92E-09	1.46E-02	2.29E-06	7.99E-07	2.09E-04	3.29E-08	1.15E-08	1.52E-02	2.40E-06	8.35E-07	9.59E-05	1.51E-08	5.26E-09
772	490236.72, 3860435.12	1.41E-02	2.22E-06	7.73E-07	1.82E-04	2.86E-08	9.97E-09	1.41E-02	2.22E-06	7.75E-07	2.10E-04	3.30E-08	1.15E-08	1.48E-02	2.32E-06	8.10E-07	9.63E-05	1.52E-08	5.29E-09
773	490286.72, 3860435.12	1.37E-02	2.15E-06	7.51E-07	1.82E-04	2.87E-08	1.00E-08	1.37E-02	2.16E-06	7.52E-07	2.10E-04	3.32E-08	1.16E-08	1.43E-02	2.26E-06	7.86E-07	9.66E-05	1.52E-08	5.30E-09
774	490336.72, 3860435.12	1.33E-02	2.09E-06	7.30E-07	1.83E-04	2.88E-08	1.00E-08	1.33E-02	2.10E-06	7.31E-07	2.11E-04	3.32E-08	1.16E-08	1.39E-02	2.19E-06	7.64E-07	9.68E-05	1.52E-08	5.31E-09
775	490386.72, 3860435.12	1.29E-02	2.04E-06	7.10E-07	1.83E-04	2.88E-08	1.00E-08	1.30E-02	2.04E-06	7.12E-07	2.11E-04	3.33E-08	1.16E-08	1.35E-02	2.13E-06	7.43E-07	9.69E-05	1.53E-08	5.32E-09
776	490436.72, 3860435.12	1.26E-02	1.98E-06	6.91E-07	1.83E-04	2.88E-08	1.00E-08	1.26E-02	1.99E-06	6.93E-07	2.11E-04	3.33E-08	1.16E-08	1.32E-02	2.08E-06	7.23E-07	9.70E-05	1.53E-08	5.32E-09
777	490486.72, 3860435.12	1.23E-02	1.93E-06	6.74E-07	1.83E-04	2.88E-08	1.00E-08	1.23E-02	1.94E-06	6.76E-07	2.11E-04	3.33E-08	1.16E-08	1.28E-02	2.02E-06	7.05E-07	9.69E-05	1.53E-08	5.32E-09
778	490536.72, 3860435.12	1.20E-02	1.89E-06	6.58E-07	1.83E-04	2.88E-08	1.00E-08	1.20E-02	1.89E-06	6.59E-07	2.11E-04	3.32E-08	1.16E-08	1.25E-02	1.97E-06	6.88E-07	9.67E-05	1.52E-08	5.31E-09
779	490586.72, 3860435.12	1.17E-02	1.84E-06	6.42E-07	1.82E-04	2.87E-08	9.99E-09	1.17E-02	1.85E-06	6.44E-07	2.10E-04	3.31E-08	1.15E-08	1.22E-02	1.93E-06	6.71E-07	9.64E-05	1.52E-08	5.29E-09
780	490636.72, 3860435.12	1.14E-02	1.80E-06	6.27E-07	1.81E-04	2.86E-08	9.95E-09	1.15E-02	1.80E-06	6.29E-07	2.09E-04	3.30E-08	1.15E-08	1.19E-02	1.88E-06	6.56E-07	9.60E-05	1.51E-08	5.27E-09
781	490686.72, 3860435.12	1.12E-02	1.76E-06	6.13E-07	1.80E-04	2.84E-08	9.91E-09	1.12E-02	1.76E-06	6.15E-07	2.08E-04	3.28E-08	1.14E-08	1.17E-02	1.84E-06	6.41E-07	9.55E-05	1.50E-08	5.24E-09
782	490736.72, 3860435.12	1.09E-02	1.72E-06	6.00E-07	1.80E-04	2.83E-08	9.85E-09	1.10E-02	1.73E-06	6.02E-07	2.07E-04	3.27E-08	1.14E-08	1.14E-02	1.80E-06	6.27E-07	9.50E-05	1.50E-08	5.21E-09
783	490786.72, 3860435.12	1.07E-02	1.68E-06	5.87E-07	1.78E-04	2.81E-08	9.79E-09	1.07E-02	1.69E-06	5.89E-07	2.06E-04	3.24E-08	1.13E-08	1.12E-02	1.76E-06	6.13E-07	9.44E-05	1.49E-08	5.18E-09
784	490136.72, 3860485.12	1.44E-02	2.26E-06	7.88E-07	1.75E-04	2.76E-08	9.61E-09	1.44E-02	2.27E-06	7.90E-07	2.02E-04	3.19E-08	1.11E-08	1.51E-02	2.37E-06	8.26E-07	9.29E-05	1.46E-08	5.10E-09
785	490186.72, 3860485.12	1.39E-02	2.19E-06	7.64E-07	1.76E-04	2.77E-08	9.66E-09	1.40E-02	2.20E-06	7.66E-07	2.03E-04	3.20E-08	1.12E-08	1.46E-02	2.30E-06	8.00E-07	9.33E-05	1.47E-08	5.12E-09
786	490236.72, 3860485.12	1.35E-02	2.13E-06	7.41E-07	1.77E-04	2.78E-08	9.70E-09	1.35E-02	2.13E-06	7.43E-07	2.04E-04	3.22E-08	1.12E-08	1.41E-02	2.23E-06	7.76E-07	9.37E-05	1.48E-08	5.14E-09
787	490286.72, 3860485.12	1.31E-02	2.07E-06	7.20E-07	1.78E-04	2.80E-08	9.75E-09	1.32E-02	2.07E-06	7.22E-07	2.05E-04	3.23E-08	1.13E-08	1.37E-02	2.17E-06	7.54E-07	9.41E-05	1.48E-08	5.16E-09
788	490336.72, 3860485.12	1.28E-02	2.01E-06	7.01E-07	1.78E-04	2.81E-08	9.78E-09	1.28E-02	2.02E-06	7.02E-07	2.06E-04	3.24E-08	1.13E-08	1.34E-02	2.11E-06	7.33E-07	9.43E-05	1.49E-08	5.18E-09
789	490386.72, 3860485.12	1.24E-02	1.96E-06	6.82E-07	1.79E-04	2.81E-08	9.81E-09	1.25E-02	1.96E-06	6.84E-07	2.06E-04	3.25E-08	1.13E-08	1.30E-02	2.05E-06	7.14E-07	9.46E-05	1.49E-08	5.19E-09
790	490436.72, 3860485.12	1.21E-02	1.91E-06	6.65E-07	1.79E-04	2.82E-08	9.83E-09	1.22E-02	1.91E-06	6.67E-07	2.07E-04	3.26E-08	1.14E-08	1.27E-02	2.00E-06	6.96E-07	9.48E-05	1.49E-08	5.20E-09
791	490486.72, 3860485.12	1.18E-02	1.86E-06	6.49E-07	1.79E-04	2.82E-08	9.83E-09	1.19E-02	1.87E-06	6.50E-07	2.07E-04	3.26E-08	1.14E-08	1.24E-02	1.95E-06	6.79E-07	9.48E-05	1.49E-08	5.20E-09
792	490536.72, 3860485.12	1.15E-02	1.82E-06	6.33E-07	1.79E-04	2.82E-08	9.82E-09	1.16E-02	1.82E-06	6.35E-07	2.07E-04	3.26E-08	1.13E-08	1.21E-02	1.90E-06	6.62E-07	9.47E-05	1.49E-08	5.20E-09
793	490586.72, 3860485.12	1.13E-02	1.78E-06	6.18E-07	1.79E-04	2.81E-08	9.81E-09	1.13E-02	1.78E-06	6.20E-07	2.06E-04	3.25E-08	1.13E-08	1.18E-02	1.86E-06	6.47E-07	9.45E-05	1.49E-08	5.19E-09
794	490636.72, 3860485.12	1.10E-02	1.74E-06	6.05E-07	1.78E-04	2.81E-08	9.78E-09	1.10E-02	1.74E-06	6.06E-07	2.06E-04	3.24E-08	1.13E-08	1.15E-02	1.81E-06	6.32E-07	9.43E-05	1.49E-08	5.17E-09
795	490686.72, 3860485.12	1.08E-02	1.70E-06	5.91E-07	1.77E-04	2.80E-08	9.74E-09	1.08E-02	1.70E-06	5.93E-07	2.05E-04	3.23E-08	1.13E-08	1.13E-02	1.77E-06	6.18E-07	9.39E-05	1.48E-08	5.15E-09
796	490736.72, 3860485.12	1.05E-02	1.66E-06	5.79E-07	1.77E-04	2.78E-08	9.70E-09	1.06E-02	1.67E-06	5.81E-07	2.04E-04	3.22E-08	1.12E-08	1.10E-02	1.74E-06	6.05E-07	9.34E-05	1.47E-08	5.13E-09
797	490786.72, 3860485.12	1.03E-02	1.63E-06	5.67E-07	1.76E-04	2.77E-08	9.65E-09	1.04E-02	1.63E-06	5.69E-07	2.03E-04	3.20E-08	1.11E-08	1.08E-02	1.70E-06	5.92E-07	9.29E-05	1.46E-08	5.10E-09
798	490136.72, 3860535.12	1.37E-02	2.15E-06	7.50E-07	1.71E-04	2.69E-08	9.36E-09	1.37E-02	2.16E-06	7.52E-07	1.97E-04	3.10E-08	1.08E-08	1.43E-02	2.26E-06	7.86E-07	9.04E-05	1.42E-08	4.96E-09
799	490186.72, 3860535.12	1.33E-02	2.09E-06	7.28E-07	1.72E-04	2.71E-08	9.42E-09	1.33E-02	2.10E-06	7.30E-07	1.98E-04	3.12E-08	1.09E-08	1.39E-02	2.19E-06	7.63E-07	9.10E-05	1.43E-08	4.99E-09
800	490236.72, 3860535.12	1.29E-02	2.03E-06	7.07E-07	1.72E-04	2.71E-08	9.45E-09	1.29E-02	2.04E-06	7.09E-07	1.99E-04	3.13E-08	1.09E-08	1.35E-02	2.13E-06	7.41E-07	9.12E-05	1.44E-08	5.00E-09

801	490286.72, 3860535.12	1.25E-02	1.97E-06	6.88E-07	1.73E-04	2.72E-08	9.49E-09	1.26E-02	1.98E-06	6.90E-07	2.00E-04	3.15E-08	1.10E-08	1.31E-02	2.07E-06	7.20E-07	9.15E-05	1.44E-08	5.02E-09
802	490336.72, 3860535.12	1.22E-02	1.92E-06	6.70E-07	1.74E-04	2.74E-08	9.53E-09	1.22E-02	1.93E-06	6.72E-07	2.01E-04	3.16E-08	1.10E-08	1.28E-02	2.01E-06	7.01E-07	9.19E-05	1.45E-08	5.04E-09
803	490386.72, 3860535.12	1.19E-02	1.88E-06	6.53E-07	1.74E-04	2.75E-08	9.57E-09	1.19E-02	1.88E-06	6.55E-07	2.01E-04	3.17E-08	1.11E-08	1.25E-02	1.96E-06	6.83E-07	9.23E-05	1.45E-08	5.06E-09
804	490436.72, 3860535.12	1.16E-02	1.83E-06	6.37E-07	1.75E-04	2.76E-08	9.61E-09	1.16E-02	1.83E-06	6.39E-07	2.02E-04	3.19E-08	1.11E-08	1.21E-02	1.91E-06	6.67E-07	9.26E-05	1.46E-08	5.08E-09
805	490486.72, 3860535.12	1.13E-02	1.79E-06	6.22E-07	1.75E-04	2.76E-08	9.63E-09	1.14E-02	1.79E-06	6.24E-07	2.03E-04	3.19E-08	1.11E-08	1.19E-02	1.87E-06	6.51E-07	9.28E-05	1.46E-08	5.09E-09
806	490536.72, 3860535.12	1.11E-02	1.75E-06	6.09E-07	1.76E-04	2.77E-08	9.66E-09	1.11E-02	1.75E-06	6.10E-07	2.03E-04	3.20E-08	1.12E-08	1.16E-02	1.83E-06	6.37E-07	9.31E-05	1.47E-08	5.11E-09
807	490586.72, 3860535.12	1.08E-02	1.71E-06	5.94E-07	1.75E-04	2.76E-08	9.62E-09	1.09E-02	1.71E-06	5.96E-07	2.02E-04	3.19E-08	1.11E-08	1.13E-02	1.78E-06	6.21E-07	9.27E-05	1.46E-08	5.09E-09
808	490636.72, 3860535.12	1.06E-02	1.67E-06	5.81E-07	1.75E-04	2.76E-08	9.60E-09	1.06E-02	1.67E-06	5.83E-07	2.02E-04	3.18E-08	1.11E-08	1.11E-02	1.74E-06	6.08E-07	9.25E-05	1.46E-08	5.07E-09
809	490686.72, 3860535.12	1.04E-02	1.63E-06	5.69E-07	1.74E-04	2.75E-08	9.58E-09	1.04E-02	1.64E-06	5.71E-07	2.02E-04	3.18E-08	1.11E-08	1.08E-02	1.71E-06	5.95E-07	9.22E-05	1.45E-08	5.06E-09
810	490736.72, 3860535.12	1.02E-02	1.60E-06	5.57E-07	1.74E-04	2.74E-08	9.54E-09	1.02E-02	1.60E-06	5.59E-07	2.01E-04	3.16E-08	1.10E-08	1.06E-02	1.67E-06	5.82E-07	9.19E-05	1.45E-08	5.04E-09
811	490786.72, 3860535.12	9.96E-03	1.57E-06	5.46E-07	1.73E-04	2.73E-08	9.50E-09	9.98E-03	1.57E-06	5.48E-07	2.00E-04	3.15E-08	1.10E-08	1.04E-02	1.64E-06	5.71E-07	9.15E-05	1.44E-08	5.02E-09
812	490136.72, 3860585.12	1.29E-02	2.04E-06	7.11E-07	1.66E-04	2.62E-08	9.14E-09	1.30E-02	2.04E-06	7.12E-07	1.92E-04	3.03E-08	1.06E-08	1.36E-02	2.14E-06	7.44E-07	8.81E-05	1.39E-08	4.84E-09
813	490186.72, 3860585.12	1.26E-02	1.98E-06	6.89E-07	1.66E-04	2.62E-08	9.13E-09	1.26E-02	1.98E-06	6.91E-07	1.92E-04	3.03E-08	1.05E-08	1.32E-02	2.07E-06	7.22E-07	8.80E-05	1.39E-08	4.83E-09
814	490236.72, 3860585.12	1.22E-02	1.93E-06	6.71E-07	1.67E-04	2.64E-08	9.19E-09	1.23E-02	1.93E-06	6.73E-07	1.93E-04	3.05E-08	1.06E-08	1.28E-02	2.02E-06	7.03E-07	8.86E-05	1.40E-08	4.86E-09
815	490286.72, 3860585.12	1.19E-02	1.88E-06	6.54E-07	1.68E-04	2.65E-08	9.24E-09	1.20E-02	1.88E-06	6.56E-07	1.95E-04	3.06E-08	1.07E-08	1.25E-02	1.97E-06	6.85E-07	8.91E-05	1.40E-08	4.89E-09
816	490336.72, 3860585.12	1.16E-02	1.83E-06	6.38E-07	1.69E-04	2.66E-08	9.28E-09	1.17E-02	1.84E-06	6.40E-07	1.95E-04	3.08E-08	1.07E-08	1.22E-02	1.92E-06	6.68E-07	8.95E-05	1.41E-08	4.91E-09
817	490386.72, 3860585.12	1.13E-02	1.79E-06	6.23E-07	1.70E-04	2.68E-08	9.32E-09	1.14E-02	1.79E-06	6.24E-07	1.96E-04	3.09E-08	1.08E-08	1.19E-02	1.87E-06	6.51E-07	8.98E-05	1.42E-08	4.93E-09
818	490436.72, 3860585.12	1.11E-02	1.75E-06	6.09E-07	1.71E-04	2.70E-08	9.39E-09	1.11E-02	1.75E-06	6.11E-07	1.98E-04	3.11E-08	1.08E-08	1.16E-02	1.83E-06	6.37E-07	9.04E-05	1.42E-08	4.96E-09
819	490486.72, 3860585.12	1.09E-02	1.71E-06	5.96E-07	1.72E-04	2.71E-08	9.44E-09	1.09E-02	1.72E-06	5.98E-07	1.99E-04	3.13E-08	1.09E-08	1.14E-02	1.79E-06	6.23E-07	9.09E-05	1.43E-08	4.99E-09
820	490536.72, 3860585.12	1.06E-02	1.67E-06	5.83E-07	1.72E-04	2.71E-08	9.45E-09	1.06E-02	1.68E-06	5.84E-07	1.99E-04	3.13E-08	1.09E-08	1.11E-02	1.75E-06	6.09E-07	9.10E-05	1.43E-08	4.99E-09
821	490586.72, 3860585.12	1.04E-02	1.63E-06	5.69E-07	1.71E-04	2.70E-08	9.41E-09	1.04E-02	1.64E-06	5.71E-07	1.98E-04	3.12E-08	1.09E-08	1.08E-02	1.71E-06	5.95E-07	9.06E-05	1.43E-08	4.97E-09
822	490636.72, 3860585.12	1.02E-02	1.60E-06	5.57E-07	1.71E-04	2.70E-08	9.41E-09	1.02E-02	1.60E-06	5.59E-07	1.98E-04	3.12E-08	1.09E-08	1.06E-02	1.67E-06	5.82E-07	9.06E-05	1.43E-08	4.97E-09
823	490686.72, 3860585.12	9.95E-03	1.57E-06	5.46E-07	1.71E-04	2.70E-08	9.40E-09	9.98E-03	1.57E-06	5.48E-07	1.98E-04	3.12E-08	1.09E-08	1.04E-02	1.64E-06	5.71E-07	9.05E-05	1.42E-08	4.96E-09
824	490736.72, 3860585.12	9.76E-03	1.54E-06	5.35E-07	1.71E-04	2.69E-08	9.37E-09	9.78E-03	1.54E-06	5.37E-07	1.97E-04	3.11E-08	1.08E-08	1.02E-02	1.61E-06	5.59E-07	9.02E-05	1.42E-08	4.95E-09
825	490786.72, 3860585.12	9.57E-03	1.51E-06	5.25E-07	1.70E-04	2.68E-08	9.34E-09	9.60E-03	1.51E-06	5.27E-07	1.97E-04	3.10E-08	1.08E-08	9.99E-03	1.57E-06	5.48E-07	8.99E-05	1.42E-08	4.93E-09
826	490136.72, 3860635.12	1.22E-02	1.92E-06	6.70E-07	1.63E-04	2.57E-08	8.94E-09	1.22E-02	1.93E-06	6.71E-07	1.88E-04	2.97E-08	1.03E-08	1.28E-02	2.01E-06	7.01E-07	8.62E-05	1.36E-08	4.73E-09
827	490186.72, 3860635.12	1.19E-02	1.87E-06	6.52E-07	1.63E-04	2.57E-08	8.95E-09	1.19E-02	1.88E-06	6.54E-07	1.88E-04	2.97E-08	1.03E-08	1.24E-02	1.96E-06	6.83E-07	8.62E-05	1.36E-08	4.73E-09
828	490236.72, 3860635.12	1.16E-02	1.82E-06	6.35E-07	1.63E-04	2.57E-08	8.95E-09	1.16E-02	1.83E-06	6.37E-07	1.88E-04	2.97E-08	1.03E-08	1.21E-02	1.91E-06	6.65E-07	8.63E-05	1.36E-08	4.74E-09
829	490286.72, 3860635.12	1.13E-02	1.78E-06	6.20E-07	1.64E-04	2.58E-08	8.99E-09	1.13E-02	1.78E-06	6.21E-07	1.89E-04	2.98E-08	1.04E-08	1.18E-02	1.86E-06	6.49E-07	8.66E-05	1.36E-08	4.76E-09
830	490336.72, 3860635.12	1.10E-02	1.74E-06	6.06E-07	1.65E-04	2.60E-08	9.04E-09	1.11E-02	1.74E-06	6.07E-07	1.90E-04	3.00E-08	1.04E-08	1.15E-02	1.82E-06	6.34E-07	8.71E-05	1.37E-08	4.78E-09
831	490386.72, 3860635.12	1.08E-02	1.70E-06	5.92E-07	1.66E-04	2.61E-08	9.09E-09	1.08E-02	1.70E-06	5.94E-07	1.91E-04	3.01E-08	1.05E-08	1.13E-02	1.78E-06	6.19E-07	8.75E-05	1.38E-08	4.80E-09
832	490436.72, 3860635.12	1.06E-02	1.66E-06	5.79E-07	1.66E-04	2.62E-08	9.13E-09	1.06E-02	1.67E-06	5.81E-07	1.92E-04	3.03E-08	1.05E-08	1.10E-02	1.74E-06	6.06E-07	8.79E-05	1.38E-08	4.82E-09
833	490486.72, 3860635.12	1.03E-02	1.63E-06	5.67E-07	1.67E-04	2.63E-08	9.17E-09	1.04E-02	1.63E-06	5.69E-07	1.93E-04	3.04E-08	1.06E-08	1.08E-02	1.70E-06	5.93E-07	8.82E-05	1.39E-08	4.84E-09
834	490536.72, 3860635.12	1.01E-02	1.60E-06	5.56E-07	1.68E-04	2.64E-08	9.21E-09	1.02E-02	1.60E-06	5.57E-07	1.94E-04	3.05E-08	1.06E-08	1.06E-02	1.67E-06	5.81E-07	8.86E-05	1.40E-08	4.86E-09
835	490586.72, 3860635.12	9.91E-03	1.56E-06	5.44E-07	1.68E-04	2.64E-08	9.21E-09	9.94E-03	1.57E-06	5.46E-07	1.94E-04	3.06E-08	1.06E-08	1.04E-02	1.63E-06	5.68E-07	8.86E-05	1.40E-08	4.86E-09
836	490636.72, 3860635.12	9.72E-03	1.53E-06	5.33E-07	1.68E-04	2.65E-08	9.22E-09	9.75E-03	1.54E-06	5.35E-07	1.94E-04	3.06E-08	1.07E-08	1.02E-02	1.60E-06	5.57E-07	8.87E-05	1.40E-08	4.87E-09
837	490686.72, 3860635.12	9.53E-03	1.50E-06	5.23E-07	1.68E-04	2.65E-08	9.22E-09	9.56E-03	1.51E-06	5.25E-07	1.94E-04	3.06E-08	1.07E-08	9.96E-03	1.57E-06	5.46E-07	8.87E-05	1.40E-08	4.87E-09
838	490736.72, 3860635.12	9.35E-03	1.47E-06	5.13E-07	1.68E-04	2.64E-08	9.20E-09	9.38E-03	1.48E-06	5.15E-07	1.94E-04	3.05E-08	1.06E-08	9.76E-03	1.54E-06	5.36E-07	8.85E-05	1.39E-08	4.86E-09
839	490786.72, 3860635.12	9.18E-03	1.45E-06	5.04E-07	1.67E-04	2.64E-08	9.18E-09	9.21E-03	1.45E-06	5.05E-07	1.93E-04	3.05E-08	1.06E-08	9.58E-03	1.51E-06	5.26E-07	8.83E-05	1.39E-08	4.85E-09
840	490136.72, 3860685.12	1.15E-02	1.81E-06	6.29E-07	1.59E-04	2.50E-08	8.71E-09	1.15E-02	1.81E-06	6.30E-07	1.83E-04	2.89E-08	1.01E-08	1.20E-02	1.89E-06	6.58E-07	8.39E-05	1.32E-08	4.61E-09
841	490186.72, 3860685.12	1.12E-02	1.76E-06	6.14E-07	1.60E-04	2.52E-08	8.78E-09	1.12E-02	1.77E-06	6.16E-07	1.85E-04	2.91E-08	1.01E-08	1.17E-02	1.84E-06	6.43E-07	8.46E-05	1.33E-08	4.64E-09
842	490236.72, 3860685.12	1.09E-02	1.72E-06	6.00E-07	1.60E-04	2.52E-08	8.77E-09	1.10E-02	1.73E-06	6.02E-07	1.85E-04	2.91E-08	1.01E-08	1.14E-02	1.80E-06	6.28E-07	8.44E-05	1.33E-08	4.63E-09
843	490286.72, 3860685.12	1.07E-02	1.68E-06	5.85E-07	1.59E-04	2.51E-08	8.75E-09	1.07E-02	1.68E-06	5.87E-07	1.84E-04	2.90E-08	1.01E-08	1.12E-02	1.76E-06	6.12E-07	8.43E-05	1.33E-08	4.63E-09
844	490336.72, 3860685.12	1.04E-02	1.65E-06	5.73E-07	1.61E-04	2.53E-08	8.81E-09	1.05E-02	1.65E-06	5.75E-07	1.86E-04	2.92E-08	1.02E-08	1.09E-02	1.72E-06	5.99E-07	8.48E-05	1.34E-08	4.66E-09
845	490386.72, 3860685.12	1.02E-02	1.61E-06	5.61E-07	1.61E-04	2.54E-08	8.86E-09	1.03E-02	1.62E-06	5.63E-07	1.86E-04	2.94E-08	1.02E-08	1.07E-02	1.68E-06	5.87E-07	8.52E-05	1.34E-08	4.68E-09
846	490436.72, 3860685.12	1.00E-02	1.58E-06	5.50E-07	1.62E-04	2.55E-08	8.89E-09	1.00E-02	1.58E-06	5.51E-07	1.87E-04	2.95E-08	1.03E-08	1.05E-02	1.65E-06	5.75E-07	8.56E-05	1.35E-08	4.70E-09
847	490486.72, 3860685.12	9.81E-03	1.55E-06	5.38E-07	1.63E-04	2.56E-08	8.92E-09	9.84E-03	1.55E-06	5.40E-07	1.88E-04	2.96E-08	1.03E-08	1.03E-02	1.62E-06	5.63E-07	8.58E-05	1.35E-08	4.71E-09
848	490536.72, 3860685.12	9.62E-03	1.52E-06	5.28E-07	1.63E-04	2.57E-08	8.96E-09	9.65E-03	1.52E-06	5.30E-07	1.89E-04	2.97E-08	1.04E-08	1.01E-02	1.58E-06	5.52E-07	8.62E-05	1.36E-08	4.73E-09
849	490586.72, 3860685.12	9.45E-03	1.49E-06	5.18E-07	1.64E-04	2.58E-08	8.99E-09	9.47E-03	1.49E-06	5.20E-07	1.89E-04	2.98E-08	1.04E-08	9.87E-03	1.55E-06	5.41E-07	8.65E-05	1.36E-08	4.75E-09
850	490636.72, 3860685.12	9.28E-03	1.46E-06	5.09E-07	1.64E-04	2.59E-08	9.02E-09	9.30E-03	1.47E-06	5.11E-07	1.90E-04	2.99E-08	1.04E-08	9.69E-03	1.53E-06	5.32E-07	8.68E-05	1.37E-08	4.76E-09
851	490686.72, 3860685.12	9.12E-03	1.44E-06	5.00E-07	1.65E-04	2.59E-08	9.04E-09	9.14E-03	1.44E-06	5.02E-07	1.90E-04	3.00E-08	1.04E-08	9.52E-03	1.50E-06	5.22E-07	8.69E-05	1.37E-08	4.77E-09
852	490736.72, 3860685.12	8.95E-03	1.41E-06	4.91E-07	1.65E-04	2.59E-08	9.03E-09	8.98E-03	1.41E-06	4.93E-07	1.90E-04	3.00E-08	1.04E-08	9.34E-03	1.47E-06	5.13E-07	8.69E-05	1.37E-08	4.77E-09
853	490786.72, 3860685.12	8.81E-03	1.39E-06	4.83E-07	1.65E-04	2.59E-08	9.04E-09	8.83E-03	1.39E-06	4.85E-07	1.90E-04	3.00E-08	1.04E-08	9.19E-03	1.45E-06	5.04E-07	8.69E-05	1.37E-08	4.77E-09
854	490136.72, 3860735.12	1.07E-02	1.68E-06	5.87E-07	1.54E-04	2.43E-08	8.45E-09	1.07E-02	1.69E-06	5.88E-07	1.78E-04	2.80E-08	9.77E-09	1.12E-02	1.76E-06	6.14E-07	8.14E-05	1.28E-08	4.47E-09
855	490186.72, 3860735.12	1.05E-02	1.65E-06	5.74E-07	1.54E-04	2.43E-08	8.47E-09	1.05E-02	1.65E-06	5.75E-07	1.78E-04	2.81E-08	9.78E-09	1.09E-02	1.72E-06	6.01E-07	8.15E-05	1.28E-08	4.47E-09
856	490236.72, 3860735.12	1.02E-02	1.61E-06	5.62E-07	1.55E-04	2.44E-08	8.50E-09	1.03E-02	1.62E-06	5.64E-07	1.79E-04	2.82E-08	9.82E-09	1.07E-02	1.69E-06	5.88E-07	8.18E-05	1.29E-08	4.49E-09
857	490286.72, 3860735.12	1.00E-02	1.58E-06	5.51E-07	1.56E-04	2.45E-08	8.53E-09	1.01E-02	1.59E-06	5.53E-07	1.80E-04	2.83E-08	9.86E-09	1.05E-02	1.65E-06	5.76E-07	8.21E-05	1.29E-08	4.51E-09
858	490336.72, 3860735.12	9.85E-03	1.55E-06	5.40E-07	1.56E-04	2.46E-08	8.58E-09	9.87E-03	1.56E-06	5.42E-07	1.81E-04	2.84E-08	9.91E-09	1.03E-02	1.62E-06	5.65E-07	8.25E-05	1.30E-08	4.53E-09
859	490386.72, 3860735.12	9.67E-03	1.52E-06	5.31E-07	1.57E-04	2.48E-08	8.63E-09	9.69E-03	1.53E-06	5.32E-07	1.82E-04	2.86E-08	9.97E-09	1.01E-02	1.59E-06	5.55E-07	8.30E-05	1.31E-08	4.55E-09
860	490436.72, 3860735.12	9.51E-03	1.50E-06	5.22E-07	1.58E-04	2.50E-08	8.70E-09	9.53E-03	1.50E-06	5.23E-07	1.83E-04	2.88E-08	1.01E-08	9.93E-03	1.56E-06	5.45E-07	8.36E-05	1.32E-08	4.59E-09
861	490486.72, 3860735.12	9.32E-03	1.47E-06	5.12E-07	1.59E-04	2.50E-08	8.72E-09	9.35E-03	1.47E-06	5.13E-07	1.84E-04	2.89E-08	1.01E-08	9.74E-03	1.53E-06	5.35E-07	8.39E-05	1.32E-08	4.60E-09
862	490536.72, 3860735.12	9.14E-03	1.44E-06	5.01E-07	1.59E-04	2.51E-08	8.74E-09	9.16E-03	1.44E-06	5.03E-07	1.84E-04	2.90E-08	1.01E-08	9.54E-03	1.50E-06	5.24E-07	8.40E-05	1.32E-08	4.61E-09
863	490586.72, 3860735.12	8.97E-03	1.41E-06	4.92E-07	1.60E-04	2.52E-08	8.77E-09	9.00E-03	1.42E-06	4.94E-07	1.85E-04	2.91E-08	1.01E-08	9.37E-03	1.48E-06	5.14E-07	8.43E-05	1.33E-08	4.63E-09
864	490636.72, 3860735.12	8.82E-03	1.39E-06	4.84E-07	1.60E-04	2.53E-08	8.80E-09	8.85E-03	1.39E-06	4.86E-07	1.85E-04	2.92E-08	1.02E-08	9.21E-03	1.45E-06	5.05E-07	8.46E-05	1.33E-08	4.64E-09
865	490686.72, 3860735.12	8.69E-03	1.37E-06	4.77E-07	1.61E-04	2.54E-08	8.83E-09	8.71E-03	1.37E-06	4.78E-07	1.86E-04	2.93E-08	1.02E-08	9.07E-03	1.43E-06	4.98E-07	8.49E-05	1.34E-08	4.66E-09
866	490736.72, 3860735.12	8.55E-03	1.35E-06	4.69E-07	1.61E-04	2.54E-08	8.86E-09	8.58E-03	1.35E-06	4.71E-07	1.87E-04	2.94E-08	1.02E-08	8.93E-03	1.41E-06	4.90E-07	8.51E-05	1.34E-08	4.67E-09
867	490136.72, 3860785.12	9.95E-03	1.57E-06	5.46E-07	1.50E-04	2.36E-08	8.23E-09	9.97E-03	1.57E-06	5.47E-07	1.73E-04	2.73E-08	9.51E-09	1.04E-02	1.64E-06	5.71E-07	7.92E-05	1.25E-08	4.35E-09

868	490186.72, 3860785.12	9.77E-03	1.54E-06	5.36E-07	1.50E-04	2.37E-08	8.25E-09	9.79E-03	1.54E-06	5.38E-07	1.74E-04	2.74E-08	9.54E-09	1.02E-02	1.61E-06	5.61E-07	7.94E-05	1.25E-08	4.36E-09
869	490236.72, 3860785.12	9.59E-03	1.51E-06	5.26E-07	1.51E-04	2.38E-08	8.28E-09	9.62E-03	1.52E-06	5.28E-07	1.74E-04	2.75E-08	9.57E-09	1.00E-02	1.58E-06	5.50E-07	7.96E-05	1.25E-08	4.37E-09
870	490286.72, 3860785.12	9.42E-03	1.48E-06	5.17E-07	1.51E-04	2.39E-08	8.31E-09	9.45E-03	1.49E-06	5.19E-07	1.75E-04	2.76E-08	9.60E-09	9.85E-03	1.55E-06	5.41E-07	7.99E-05	1.26E-08	4.39E-09
871	490336.72, 3860785.12	9.26E-03	1.46E-06	5.08E-07	1.52E-04	2.40E-08	8.35E-09	9.29E-03	1.46E-06	5.10E-07	1.76E-04	2.77E-08	9.65E-09	9.68E-03	1.52E-06	5.31E-07	8.03E-05	1.26E-08	4.40E-09
872	490386.72, 3860785.12	9.12E-03	1.44E-06	5.00E-07	1.53E-04	2.41E-08	8.40E-09	9.14E-03	1.44E-06	5.02E-07	1.77E-04	2.79E-08	9.71E-09	9.53E-03	1.50E-06	5.23E-07	8.08E-05	1.27E-08	4.43E-09
873	490436.72, 3860785.12	8.96E-03	1.41E-06	4.92E-07	1.54E-04	2.42E-08	8.45E-09	8.99E-03	1.42E-06	4.93E-07	1.78E-04	2.80E-08	9.76E-09	9.36E-03	1.47E-06	5.14E-07	8.12E-05	1.28E-08	4.46E-09
874	490486.72, 3860785.12	8.83E-03	1.39E-06	4.84E-07	1.55E-04	2.44E-08	8.50E-09	8.85E-03	1.39E-06	4.86E-07	1.79E-04	2.82E-08	9.83E-09	9.22E-03	1.45E-06	5.06E-07	8.17E-05	1.29E-08	4.49E-09
875	490536.72, 3860785.12	8.67E-03	1.37E-06	4.76E-07	1.55E-04	2.45E-08	8.53E-09	8.70E-03	1.37E-06	4.77E-07	1.80E-04	2.83E-08	9.86E-09	9.06E-03	1.43E-06	4.97E-07	8.20E-05	1.29E-08	4.50E-09
876	490586.72, 3860785.12	8.51E-03	1.34E-06	4.67E-07	1.56E-04	2.45E-08	8.55E-09	8.54E-03	1.35E-06	4.69E-07	1.80E-04	2.84E-08	9.88E-09	8.89E-03	1.40E-06	4.88E-07	8.21E-05	1.29E-08	4.51E-09
877	490636.72, 3860785.12	8.38E-03	1.32E-06	4.60E-07	1.56E-04	2.46E-08	8.58E-09	8.40E-03	1.32E-06	4.61E-07	1.81E-04	2.85E-08	9.92E-09	8.74E-03	1.38E-06	4.80E-07	8.24E-05	1.30E-08	4.52E-09
878	490686.72, 3860785.12	8.25E-03	1.30E-06	4.53E-07	1.57E-04	2.47E-08	8.62E-09	8.28E-03	1.30E-06	4.54E-07	1.81E-04	2.86E-08	9.96E-09	8.61E-03	1.36E-06	4.73E-07	8.28E-05	1.30E-08	4.54E-09
879	490736.72, 3860785.12	8.14E-03	1.28E-06	4.47E-07	1.58E-04	2.48E-08	8.65E-09	8.17E-03	1.29E-06	4.48E-07	1.82E-04	2.87E-08	1.00E-08	8.49E-03	1.34E-06	4.66E-07	8.31E-05	1.31E-08	4.56E-09
880	490086.72, 3860835.12	9.40E-03	1.48E-06	5.16E-07	1.46E-04	2.30E-08	8.03E-09	9.42E-03	1.48E-06	5.17E-07	1.69E-04	2.66E-08	9.28E-09	9.83E-03	1.55E-06	5.39E-07	7.72E-05	1.22E-08	4.24E-09
881	490136.72, 3860835.12	9.27E-03	1.46E-06	5.09E-07	1.47E-04	2.31E-08	8.05E-09	9.29E-03	1.46E-06	5.10E-07	1.70E-04	2.67E-08	9.30E-09	9.69E-03	1.53E-06	5.32E-07	7.74E-05	1.22E-08	4.25E-09
882	490186.72, 3860835.12	9.11E-03	1.44E-06	5.00E-07	1.47E-04	2.31E-08	8.06E-09	9.14E-03	1.44E-06	5.02E-07	1.70E-04	2.67E-08	9.32E-09	9.53E-03	1.50E-06	5.23E-07	7.75E-05	1.22E-08	4.25E-09
883	490236.72, 3860835.12	8.97E-03	1.41E-06	4.92E-07	1.47E-04	2.32E-08	8.08E-09	8.99E-03	1.42E-06	4.94E-07	1.70E-04	2.68E-08	9.34E-09	9.37E-03	1.48E-06	5.14E-07	7.77E-05	1.22E-08	4.26E-09
884	490286.72, 3860835.12	8.83E-03	1.39E-06	4.85E-07	1.48E-04	2.33E-08	8.11E-09	8.86E-03	1.40E-06	4.86E-07	1.71E-04	2.69E-08	9.37E-09	9.23E-03	1.45E-06	5.07E-07	7.79E-05	1.23E-08	4.28E-09
885	490336.72, 3860835.12	8.70E-03	1.37E-06	4.77E-07	1.48E-04	2.34E-08	8.14E-09	8.72E-03	1.37E-06	4.79E-07	1.71E-04	2.70E-08	9.40E-09	9.08E-03	1.43E-06	4.99E-07	7.82E-05	1.23E-08	4.29E-09
886	490386.72, 3860835.12	8.56E-03	1.35E-06	4.70E-07	1.49E-04	2.35E-08	8.17E-09	8.59E-03	1.35E-06	4.71E-07	1.72E-04	2.71E-08	9.44E-09	8.94E-03	1.41E-06	4.91E-07	7.85E-05	1.24E-08	4.31E-09
887	490436.72, 3860835.12	8.44E-03	1.33E-06	4.63E-07	1.50E-04	2.36E-08	8.22E-09	8.47E-03	1.33E-06	4.65E-07	1.73E-04	2.73E-08	9.50E-09	8.82E-03	1.39E-06	4.84E-07	7.90E-05	1.24E-08	4.34E-09
888	490486.72, 3860835.12	8.32E-03	1.31E-06	4.57E-07	1.51E-04	2.37E-08	8.27E-09	8.35E-03	1.32E-06	4.58E-07	1.74E-04	2.74E-08	9.56E-09	8.69E-03	1.37E-06	4.77E-07	7.95E-05	1.25E-08	4.36E-09
889	490536.72, 3860835.12	8.20E-03	1.29E-06	4.50E-07	1.51E-04	2.39E-08	8.31E-09	8.23E-03	1.30E-06	4.51E-07	1.75E-04	2.76E-08	9.61E-09	8.56E-03	1.35E-06	4.70E-07	7.98E-05	1.26E-08	4.38E-09
890	490586.72, 3860835.12	8.07E-03	1.27E-06	4.43E-07	1.52E-04	2.39E-08	8.34E-09	8.10E-03	1.28E-06	4.44E-07	1.76E-04	2.77E-08	9.64E-09	8.42E-03	1.33E-06	4.62E-07	8.01E-05	1.26E-08	4.40E-09
891	490636.72, 3860835.12	7.95E-03	1.25E-06	4.36E-07	1.53E-04	2.40E-08	8.37E-09	7.97E-03	1.26E-06	4.38E-07	1.76E-04	2.78E-08	9.68E-09	8.29E-03	1.31E-06	4.55E-07	8.04E-05	1.27E-08	4.41E-09
892	490686.72, 3860835.12	7.84E-03	1.23E-06	4.30E-07	1.53E-04	2.41E-08	8.41E-09	7.86E-03	1.24E-06	4.32E-07	1.77E-04	2.79E-08	9.72E-09	8.18E-03	1.29E-06	4.49E-07	8.08E-05	1.27E-08	4.43E-09
893	490736.72, 3860835.12	7.74E-03	1.22E-06	4.25E-07	1.54E-04	2.43E-08	8.45E-09	7.77E-03	1.22E-06	4.26E-07	1.78E-04	2.80E-08	9.77E-09	8.07E-03	1.27E-06	4.43E-07	8.12E-05	1.28E-08	4.45E-09
894	490086.72, 3860885.12	8.72E-03	1.37E-06	4.79E-07	1.43E-04	2.26E-08	7.87E-09	8.75E-03	1.38E-06	4.80E-07	1.66E-04	2.61E-08	9.09E-09	9.12E-03	1.44E-06	5.00E-07	7.56E-05	1.19E-08	4.15E-09
895	490136.72, 3860885.12	8.61E-03	1.36E-06	4.73E-07	1.43E-04	2.26E-08	7.87E-09	8.64E-03	1.36E-06	4.74E-07	1.66E-04	2.61E-08	9.10E-09	9.00E-03	1.42E-06	4.94E-07	7.57E-05	1.19E-08	4.15E-09
896	490186.72, 3860885.12	8.50E-03	1.34E-06	4.66E-07	1.44E-04	2.26E-08	7.88E-09	8.52E-03	1.34E-06	4.68E-07	1.66E-04	2.62E-08	9.11E-09	8.88E-03	1.40E-06	4.87E-07	7.58E-05	1.19E-08	4.16E-09
897	490236.72, 3860885.12	8.38E-03	1.32E-06	4.60E-07	1.44E-04	2.27E-08	7.90E-09	8.41E-03	1.32E-06	4.62E-07	1.66E-04	2.62E-08	9.13E-09	8.76E-03	1.38E-06	4.81E-07	7.59E-05	1.20E-08	4.16E-09
898	490286.72, 3860885.12	8.27E-03	1.30E-06	4.54E-07	1.44E-04	2.27E-08	7.92E-09	8.30E-03	1.31E-06	4.55E-07	1.67E-04	2.63E-08	9.15E-09	8.64E-03	1.36E-06	4.74E-07	7.61E-05	1.20E-08	4.17E-09
899	490336.72, 3860885.12	8.16E-03	1.28E-06	4.48E-07	1.45E-04	2.28E-08	7.94E-09	8.18E-03	1.29E-06	4.49E-07	1.67E-04	2.63E-08	9.17E-09	8.52E-03	1.34E-06	4.67E-07	7.62E-05	1.20E-08	4.18E-09
900	490386.72, 3860885.12	8.05E-03	1.27E-06	4.42E-07	1.45E-04	2.29E-08	7.97E-09	8.08E-03	1.27E-06	4.43E-07	1.68E-04	2.65E-08	9.22E-09	8.41E-03	1.32E-06	4.61E-07	7.66E-05	1.21E-08	4.20E-09
901	490436.72, 3860885.12	7.95E-03	1.25E-06	4.36E-07	1.46E-04	2.30E-08	8.02E-09	7.98E-03	1.26E-06	4.38E-07	1.69E-04	2.66E-08	9.27E-09	8.30E-03	1.31E-06	4.56E-07	7.70E-05	1.21E-08	4.23E-09
902	490486.72, 3860885.12	7.85E-03	1.24E-06	4.31E-07	1.47E-04	2.31E-08	8.06E-09	7.87E-03	1.24E-06	4.32E-07	1.70E-04	2.67E-08	9.31E-09	8.19E-03	1.29E-06	4.50E-07	7.74E-05	1.22E-08	4.25E-09
903	490536.72, 3860885.12	7.74E-03	1.22E-06	4.25E-07	1.48E-04	2.32E-08	8.10E-09	7.77E-03	1.22E-06	4.26E-07	1.71E-04	2.69E-08	9.36E-09	8.08E-03	1.27E-06	4.44E-07	7.78E-05	1.22E-08	4.27E-09
904	490586.72, 3860885.12	7.64E-03	1.20E-06	4.19E-07	1.48E-04	2.34E-08	8.14E-09	7.66E-03	1.21E-06	4.21E-07	1.71E-04	2.70E-08	9.40E-09	7.97E-03	1.26E-06	4.37E-07	7.81E-05	1.23E-08	4.29E-09
905	490636.72, 3860885.12	7.53E-03	1.19E-06	4.13E-07	1.49E-04	2.34E-08	8.17E-09	7.56E-03	1.19E-06	4.15E-07	1.72E-04	2.71E-08	9.44E-09	7.86E-03	1.24E-06	4.31E-07	7.84E-05	1.24E-08	4.30E-09
906	490686.72, 3860885.12	7.43E-03	1.17E-06	4.08E-07	1.50E-04	2.36E-08	8.21E-09	7.46E-03	1.17E-06	4.09E-07	1.73E-04	2.72E-08	9.48E-09	7.75E-03	1.22E-06	4.25E-07	7.88E-05	1.24E-08	4.32E-09
907	490736.72, 3860885.12	7.34E-03	1.16E-06	4.03E-07	1.50E-04	2.37E-08	8.24E-09	7.37E-03	1.16E-06	4.04E-07	1.74E-04	2.73E-08	9.53E-09	7.65E-03	1.21E-06	4.20E-07	7.91E-05	1.25E-08	4.34E-09
908	490086.72, 3860935.12	8.08E-03	1.27E-06	4.44E-07	1.40E-04	2.21E-08	7.70E-09	8.11E-03	1.28E-06	4.45E-07	1.62E-04	2.55E-08	8.90E-09	8.44E-03	1.33E-06	4.63E-07	7.39E-05	1.16E-08	4.06E-09
909	490136.72, 3860935.12	7.99E-03	1.26E-06	4.39E-07	1.40E-04	2.21E-08	7.70E-09	8.01E-03	1.26E-06	4.40E-07	1.62E-04	2.55E-08	8.90E-09	8.35E-03	1.31E-06	4.58E-07	7.39E-05	1.16E-08	4.06E-09
910	490186.72, 3860935.12	7.91E-03	1.25E-06	4.34E-07	1.40E-04	2.21E-08	7.71E-09	7.94E-03	1.25E-06	4.36E-07	1.62E-04	2.56E-08	8.91E-09	8.26E-03	1.30E-06	4.53E-07	7.40E-05	1.17E-08	4.06E-09
911	490236.72, 3860935.12	7.83E-03	1.23E-06	4.30E-07	1.41E-04	2.22E-08	7.72E-09	7.85E-03	1.24E-06	4.31E-07	1.63E-04	2.56E-08	8.93E-09	8.17E-03	1.29E-06	4.49E-07	7.42E-05	1.17E-08	4.07E-09
912	490286.72, 3860935.12	7.74E-03	1.22E-06	4.25E-07	1.41E-04	2.22E-08	7.74E-09	7.77E-03	1.22E-06	4.26E-07	1.63E-04	2.57E-08	8.95E-09	8.09E-03	1.27E-06	4.44E-07	7.43E-05	1.17E-08	4.08E-09
913	490336.72, 3860935.12	7.65E-03	1.21E-06	4.20E-07	1.41E-04	2.23E-08	7.76E-09	7.67E-03	1.21E-06	4.21E-07	1.63E-04	2.57E-08	8.97E-09	7.99E-03	1.26E-06	4.38E-07	7.45E-05	1.17E-08	4.09E-09
914	490386.72, 3860935.12	7.57E-03	1.19E-06	4.15E-07	1.42E-04	2.24E-08	7.79E-09	7.59E-03	1.20E-06	4.17E-07	1.64E-04	2.58E-08	9.00E-09	7.90E-03	1.24E-06	4.34E-07	7.48E-05	1.18E-08	4.10E-09
915	490436.72, 3860935.12	7.49E-03	1.18E-06	4.11E-07	1.43E-04	2.25E-08	7.82E-09	7.51E-03	1.18E-06	4.12E-07	1.65E-04	2.60E-08	9.04E-09	7.81E-03	1.23E-06	4.29E-07	7.51E-05	1.18E-08	4.12E-09
916	490486.72, 3860935.12	7.40E-03	1.17E-06	4.06E-07	1.43E-04	2.26E-08	7.86E-09	7.42E-03	1.17E-06	4.07E-07	1.66E-04	2.61E-08	9.08E-09	7.72E-03	1.22E-06	4.24E-07	7.54E-05	1.19E-08	4.14E-09
917	490536.72, 3860935.12	7.31E-03	1.15E-06	4.01E-07	1.44E-04	2.27E-08	7.90E-09	7.34E-03	1.16E-06	4.03E-07	1.66E-04	2.62E-08	9.13E-09	7.63E-03	1.20E-06	4.19E-07	7.58E-05	1.19E-08	4.16E-09
918	490586.72, 3860935.12	7.22E-03	1.14E-06	3.96E-07	1.45E-04	2.28E-08	7.93E-09	7.25E-03	1.14E-06	3.98E-07	1.67E-04	2.63E-08	9.17E-09	7.53E-03	1.19E-06	4.13E-07	7.61E-05	1.20E-08	4.18E-09
919	490636.72, 3860935.12	7.13E-03	1.12E-06	3.91E-07	1.45E-04	2.29E-08	7.97E-09	7.16E-03	1.13E-06	3.93E-07	1.68E-04	2.64E-08	9.21E-09	7.44E-03	1.17E-06	4.08E-07	7.65E-05	1.20E-08	4.20E-09
920	490686.72, 3860935.12	7.05E-03	1.11E-06	3.87E-07	1.46E-04	2.30E-08	8.01E-09	7.07E-03	1.11E-06	3.88E-07	1.69E-04	2.66E-08	9.25E-09	7.35E-03	1.16E-06	4.03E-07	7.68E-05	1.21E-08	4.22E-09
921	490736.72, 3860935.12	6.96E-03	1.10E-06	3.82E-07	1.47E-04	2.31E-08	8.04E-09	6.99E-03	1.10E-06	3.84E-07	1.69E-04	2.67E-08	9.30E-09	7.26E-03	1.14E-06	3.98E-07	7.72E-05	1.22E-08	4.23E-09
922	490786.72, 3860935.12	6.89E-03	1.08E-06	3.78E-07	1.47E-04	2.32E-08	8.08E-09	6.91E-03	1.09E-06	3.79E-07	1.70E-04	2.68E-08	9.34E-09	7.17E-03	1.13E-06	3.94E-07	7.75E-05	1.22E-08	4.25E-09
923	490836.72, 3860935.12	6.82E-03	1.07E-06	3.74E-07	1.48E-04	2.33E-08	8.12E-09	6.84E-03	1.08E-06	3.76E-07	1.71E-04	2.69E-08	9.38E-09	7.10E-03	1.12E-06	3.90E-07	7.79E-05	1.23E-08	4.27E-09
924	490086.72, 3860985.12	7.51E-03	1.18E-06	4.12E-07	1.38E-04	2.17E-08	7.55E-09	7.53E-03	1.19E-06	4.13E-07	1.59E-04	2.50E-08	8.73E-09	7.84E-03	1.23E-06	4.30E-07	7.25E-05	1.14E-08	3.98E-09
925	490136.72, 3860985.12	7.44E-03	1.17E-06	4.09E-07	1.38E-04	2.17E-08	7.55E-09	7.47E-03	1.18E-06	4.10E-07	1.59E-04	2.51E-08	8.73E-09	7.77E-03	1.22E-06	4.26E-07	7.25E-05	1.14E-08	3.98E-09
926	490186.72, 3860985.12	7.39E-03	1.16E-06	4.05E-07	1.38E-04	2.17E-08	7.56E-09	7.41E-03	1.17E-06	4.07E-07	1.59E-04	2.51E-08	8.74E-09	7.71E-03	1.21E-06	4.23E-07	7.26E-05	1.14E-08	3.98E-09
927	490236.72, 3860985.12	7.31E-03	1.15E-06	4.01E-07	1.38E-04	2.17E-08	7.56E-09	7.34E-03	1.16E-06	4.03E-07	1.59E-04	2.51E-08	8.74E-09	7.63E-03	1.20E-06	4.19E-07	7.26E-05	1.14E-08	3.98E-09
928	490286.72, 3860985.12	7.24E-03	1.14E-06	3.98E-07	1.38E-04	2.17E-08	7.57E-09	7.27E-03	1.14E-06	3.99E-07	1.59E-04	2.51E-08	8.75E-09	7.56E-03	1.19E-06	4.15E-07	7.27E-05	1.14E-08	3.99E-09
929	490336.72, 3860985.12	7.17E-03	1.13E-06	3.94E-07	1.38E-04	2.18E-08	7.59E-09	7.20E-03	1.13E-06	3.95E-07	1.60E-04	2.52E-08	8.77E-09	7.49E-03	1.18E-06	4.11E-07	7.28E-05	1.15E-08	4.00E-09
930	490386.72, 3860985.12	7.11E-03	1.12E-06	3.90E-07	1.39E-04	2.18E-08	7.61E-09	7.13E-03	1.12E-06	3.91E-07	1.60E-04	2.52E-08	8.80E-09	7.41E-03	1.17E-06	4.07E-07	7.30E-05	1.15E-08	4.01E-09
931	490436.72, 3860985.12	7.05E-03	1.11E-06	3.87E-07	1.39E-04	2.19E-08	7.65E-09	7.07E-03	1.11E-06	3.88E-07	1.61E-04	2.54E-08	8.84E-09	7.35E-03	1.16E-06	4.03E-07	7.34E-05	1.16E-08	4.03E-09
932	490486.72, 3860985.12	6.97E-03	1.10E-06	3.83E-07	1.40E-04	2.20E-08	7.67E-09	7.00E-03	1.10E-06	3.84E-07	1.62E-04	2.55E-08	8.87E-09	7.27E-03	1.15E-06	3.99E-07	7.36E-05	1.16E-08	4.04E-09
933	490536.72, 3860985.12	6.90E-03	1.09E-06	3.79E-07	1.40E-04	2.21E-08	7.70E-09	6.92E-03	1.09E-06	3.80E-07	1.62E-04	2.56E-08	8.91E-09	7.19E-03	1.13E-06	3.95E-07	7.39E-05	1.16E-08	4.06E-09
934	490586.72, 3860985.12	6.82E-03	1.07E-06	3.74E-07	1.41E-04	2.22E-08	7.74E-09	6.85E-03	1.08E-06	3.76E-07	1.63E-04	2.57E-08	8.94E-09	7.11E-03	1.12E-06	3.90E-07	7.42E-05	1.17E-08	4.07E-09

935	490636.72, 3860985.12	6.75E-03	1.06E-06	3.71E-07	1.42E-04	2.23E-08	7.78E-09	6.78E-03	1.07E-06	3.72E-07	1.64E-04	2.58E-08	8.99E-09	7.04E-03	1.11E-06	3.86E-07	7.46E-05	1.18E-08	4.09E-09
936	490686.72, 3860985.12	6.68E-03	1.05E-06	3.66E-07	1.42E-04	2.24E-08	7.81E-09	6.70E-03	1.06E-06	3.68E-07	1.65E-04	2.59E-08	9.03E-09	6.96E-03	1.10E-06	3.82E-07	7.49E-05	1.18E-08	4.11E-09
937	490736.72, 3860985.12	6.60E-03	1.04E-06	3.62E-07	1.43E-04	2.25E-08	7.85E-09	6.63E-03	1.04E-06	3.64E-07	1.65E-04	2.60E-08	9.07E-09	6.88E-03	1.08E-06	3.78E-07	7.53E-05	1.19E-08	4.13E-09
938	490786.72, 3860985.12	6.54E-03	1.03E-06	3.59E-07	1.44E-04	2.26E-08	7.89E-09	6.56E-03	1.03E-06	3.60E-07	1.66E-04	2.62E-08	9.12E-09	6.81E-03	1.07E-06	3.74E-07	7.56E-05	1.19E-08	4.15E-09
939	490836.72, 3860985.12	6.48E-03	1.02E-06	3.55E-07	1.44E-04	2.28E-08	7.93E-09	6.50E-03	1.02E-06	3.57E-07	1.67E-04	2.63E-08	9.16E-09	6.74E-03	1.06E-06	3.70E-07	7.60E-05	1.20E-08	4.17E-09
940	490086.72, 3861035.12	6.98E-03	1.10E-06	3.83E-07	1.35E-04	2.12E-08	7.40E-09	7.00E-03	1.10E-06	3.84E-07	1.56E-04	2.46E-08	8.56E-09	7.28E-03	1.15E-06	3.99E-07	7.10E-05	1.12E-08	3.90E-09
941	490136.72, 3861035.12	6.93E-03	1.09E-06	3.81E-07	1.35E-04	2.13E-08	7.41E-09	6.96E-03	1.10E-06	3.82E-07	1.56E-04	2.46E-08	8.56E-09	7.23E-03	1.14E-06	3.97E-07	7.11E-05	1.12E-08	3.90E-09
942	490186.72, 3861035.12	6.89E-03	1.08E-06	3.78E-07	1.35E-04	2.13E-08	7.41E-09	6.91E-03	1.09E-06	3.79E-07	1.56E-04	2.46E-08	8.56E-09	7.18E-03	1.13E-06	3.94E-07	7.11E-05	1.12E-08	3.90E-09
943	490236.72, 3861035.12	6.84E-03	1.08E-06	3.75E-07	1.35E-04	2.13E-08	7.41E-09	6.86E-03	1.08E-06	3.77E-07	1.56E-04	2.46E-08	8.57E-09	7.13E-03	1.12E-06	3.92E-07	7.12E-05	1.12E-08	3.90E-09
944	490286.72, 3861035.12	6.78E-03	1.07E-06	3.72E-07	1.35E-04	2.13E-08	7.41E-09	6.81E-03	1.07E-06	3.73E-07	1.56E-04	2.46E-08	8.57E-09	7.07E-03	1.11E-06	3.88E-07	7.12E-05	1.12E-08	3.91E-09
945	490336.72, 3861035.12	6.73E-03	1.06E-06	3.69E-07	1.35E-04	2.13E-08	7.42E-09	6.75E-03	1.06E-06	3.70E-07	1.56E-04	2.46E-08	8.58E-09	7.01E-03	1.11E-06	3.85E-07	7.12E-05	1.12E-08	3.91E-09
946	490386.72, 3861035.12	6.68E-03	1.05E-06	3.67E-07	1.36E-04	2.14E-08	7.45E-09	6.70E-03	1.06E-06	3.68E-07	1.57E-04	2.47E-08	8.61E-09	6.97E-03	1.10E-06	3.82E-07	7.15E-05	1.13E-08	3.92E-09
947	490436.72, 3861035.12	6.63E-03	1.05E-06	3.64E-07	1.36E-04	2.15E-08	7.48E-09	6.66E-03	1.05E-06	3.65E-07	1.57E-04	2.48E-08	8.64E-09	6.92E-03	1.09E-06	3.80E-07	7.17E-05	1.13E-08	3.94E-09
948	490486.72, 3861035.12	6.58E-03	1.04E-06	3.61E-07	1.37E-04	2.15E-08	7.50E-09	6.60E-03	1.04E-06	3.62E-07	1.58E-04	2.49E-08	8.67E-09	6.86E-03	1.08E-06	3.76E-07	7.20E-05	1.13E-08	3.95E-09
949	490536.72, 3861035.12	6.52E-03	1.03E-06	3.58E-07	1.37E-04	2.16E-08	7.53E-09	6.54E-03	1.03E-06	3.59E-07	1.59E-04	2.50E-08	8.70E-09	6.79E-03	1.07E-06	3.73E-07	7.22E-05	1.14E-08	3.96E-09
950	490586.72, 3861035.12	6.45E-03	1.02E-06	3.54E-07	1.38E-04	2.17E-08	7.56E-09	6.47E-03	1.02E-06	3.55E-07	1.59E-04	2.51E-08	8.74E-09	6.72E-03	1.06E-06	3.69E-07	7.25E-05	1.14E-08	3.98E-09
951	490636.72, 3861035.12	6.39E-03	1.01E-06	3.51E-07	1.38E-04	2.18E-08	7.59E-09	6.41E-03	1.01E-06	3.52E-07	1.60E-04	2.52E-08	8.77E-09	6.65E-03	1.05E-06	3.65E-07	7.28E-05	1.15E-08	3.99E-09
952	490686.72, 3861035.12	6.32E-03	9.96E-07	3.47E-07	1.39E-04	2.19E-08	7.62E-09	6.35E-03	1.00E-06	3.48E-07	1.61E-04	2.53E-08	8.81E-09	6.59E-03	1.04E-06	3.62E-07	7.31E-05	1.15E-08	4.01E-09
953	490736.72, 3861035.12	6.26E-03	9.86E-07	3.44E-07	1.40E-04	2.20E-08	7.66E-09	6.29E-03	9.90E-07	3.45E-07	1.61E-04	2.54E-08	8.85E-09	6.52E-03	1.03E-06	3.58E-07	7.34E-05	1.16E-08	4.03E-09
954	490786.72, 3861035.12	6.21E-03	9.78E-07	3.41E-07	1.40E-04	2.21E-08	7.70E-09	6.23E-03	9.81E-07	3.42E-07	1.62E-04	2.55E-08	8.90E-09	6.46E-03	1.02E-06	3.55E-07	7.38E-05	1.16E-08	4.05E-09
955	490836.72, 3861035.12	6.15E-03	9.69E-07	3.38E-07	1.41E-04	2.22E-08	7.74E-09	6.18E-03	9.73E-07	3.39E-07	1.63E-04	2.57E-08	8.95E-09	6.40E-03	1.01E-06	3.51E-07	7.42E-05	1.17E-08	4.07E-09
956	490086.72, 3861085.12	6.50E-03	1.02E-06	3.57E-07	1.32E-04	2.08E-08	7.26E-09	6.52E-03	1.03E-06	3.58E-07	1.53E-04	2.41E-08	8.40E-09	6.77E-03	1.07E-06	3.72E-07	6.96E-05	1.10E-08	3.82E-09
957	490136.72, 3861085.12	6.47E-03	1.02E-06	3.55E-07	1.33E-04	2.09E-08	7.27E-09	6.50E-03	1.02E-06	3.57E-07	1.53E-04	2.41E-08	8.41E-09	6.75E-03	1.06E-06	3.70E-07	6.98E-05	1.10E-08	3.83E-09
958	490186.72, 3861085.12	6.45E-03	1.02E-06	3.54E-07	1.33E-04	2.09E-08	7.29E-09	6.47E-03	1.02E-06	3.55E-07	1.53E-04	2.42E-08	8.42E-09	6.73E-03	1.06E-06	3.69E-07	6.99E-05	1.10E-08	3.84E-09
959	490236.72, 3861085.12	6.41E-03	1.01E-06	3.52E-07	1.33E-04	2.09E-08	7.28E-09	6.43E-03	1.01E-06	3.53E-07	1.53E-04	2.42E-08	8.42E-09	6.68E-03	1.05E-06	3.67E-07	6.98E-05	1.10E-08	3.83E-09
960	490286.72, 3861085.12	6.36E-03	1.00E-06	3.49E-07	1.33E-04	2.09E-08	7.28E-09	6.39E-03	1.01E-06	3.51E-07	1.53E-04	2.42E-08	8.41E-09	6.63E-03	1.05E-06	3.64E-07	6.98E-05	1.10E-08	3.83E-09
961	490336.72, 3861085.12	6.32E-03	9.96E-07	3.47E-07	1.33E-04	2.09E-08	7.28E-09	6.34E-03	9.99E-07	3.48E-07	1.53E-04	2.42E-08	8.41E-09	6.59E-03	1.04E-06	3.62E-07	6.98E-05	1.10E-08	3.83E-09
962	490386.72, 3861085.12	6.29E-03	9.90E-07	3.45E-07	1.33E-04	2.09E-08	7.30E-09	6.31E-03	9.94E-07	3.46E-07	1.54E-04	2.42E-08	8.44E-09	6.55E-03	1.03E-06	3.60E-07	7.00E-05	1.10E-08	3.84E-09
963	490436.72, 3861085.12	6.24E-03	9.84E-07	3.43E-07	1.33E-04	2.10E-08	7.31E-09	6.27E-03	9.87E-07	3.44E-07	1.54E-04	2.43E-08	8.45E-09	6.51E-03	1.02E-06	3.57E-07	7.01E-05	1.11E-08	3.85E-09
964	490486.72, 3861085.12	6.20E-03	9.76E-07	3.40E-07	1.34E-04	2.10E-08	7.33E-09	6.22E-03	9.80E-07	3.41E-07	1.54E-04	2.43E-08	8.48E-09	6.46E-03	1.02E-06	3.54E-07	7.03E-05	1.11E-08	3.86E-09
965	490536.72, 3861085.12	6.16E-03	9.70E-07	3.38E-07	1.34E-04	2.11E-08	7.36E-09	6.18E-03	9.73E-07	3.39E-07	1.55E-04	2.44E-08	8.51E-09	6.41E-03	1.01E-06	3.52E-07	7.06E-05	1.11E-08	3.88E-09
966	490586.72, 3861085.12	6.10E-03	9.61E-07	3.35E-07	1.35E-04	2.12E-08	7.39E-09	6.13E-03	9.65E-07	3.36E-07	1.56E-04	2.45E-08	8.54E-09	6.36E-03	1.00E-06	3.49E-07	7.08E-05	1.12E-08	3.89E-09
967	490636.72, 3861085.12	6.04E-03	9.52E-07	3.32E-07	1.35E-04	2.13E-08	7.41E-09	6.07E-03	9.56E-07	3.33E-07	1.56E-04	2.46E-08	8.56E-09	6.29E-03	9.92E-07	3.45E-07	7.10E-05	1.12E-08	3.90E-09
968	490686.72, 3861085.12	5.99E-03	9.44E-07	3.29E-07	1.36E-04	2.14E-08	7.44E-09	6.01E-03	9.47E-07	3.30E-07	1.57E-04	2.47E-08	8.60E-09	6.24E-03	9.83E-07	3.42E-07	7.13E-05	1.12E-08	3.91E-09
969	490736.72, 3861085.12	5.94E-03	9.36E-07	3.26E-07	1.36E-04	2.15E-08	7.48E-09	5.96E-03	9.39E-07	3.27E-07	1.58E-04	2.48E-08	8.64E-09	6.18E-03	9.74E-07	3.39E-07	7.17E-05	1.13E-08	3.93E-09
970	490786.72, 3861085.12	5.89E-03	9.28E-07	3.23E-07	1.37E-04	2.16E-08	7.52E-09	5.91E-03	9.32E-07	3.25E-07	1.58E-04	2.49E-08	8.69E-09	6.13E-03	9.66E-07	3.37E-07	7.20E-05	1.13E-08	3.95E-09
971	490836.72, 3861085.12	5.84E-03	9.21E-07	3.21E-07	1.38E-04	2.17E-08	7.56E-09	5.87E-03	9.24E-07	3.22E-07	1.59E-04	2.51E-08	8.74E-09	6.08E-03	9.58E-07	3.34E-07	7.24E-05	1.14E-08	3.97E-09
972	490086.72, 3861135.12	6.06E-03	9.55E-07	3.33E-07	1.30E-04	2.05E-08	7.13E-09	6.09E-03	9.59E-07	3.34E-07	1.50E-04	2.36E-08	8.24E-09	6.32E-03	9.95E-07	3.47E-07	6.83E-05	1.08E-08	3.75E-09
973	490136.72, 3861135.12	6.05E-03	9.53E-07	3.32E-07	1.30E-04	2.05E-08	7.13E-09	6.07E-03	9.56E-07	3.33E-07	1.50E-04	2.37E-08	8.25E-09	6.30E-03	9.93E-07	3.46E-07	6.84E-05	1.08E-08	3.75E-09
974	490186.72, 3861135.12	6.03E-03	9.50E-07	3.31E-07	1.30E-04	2.05E-08	7.14E-09	6.05E-03	9.53E-07	3.32E-07	1.50E-04	2.37E-08	8.26E-09	6.28E-03	9.90E-07	3.45E-07	6.85E-05	1.08E-08	3.76E-09
975	490236.72, 3861135.12	6.01E-03	9.46E-07	3.30E-07	1.30E-04	2.05E-08	7.15E-09	6.03E-03	9.50E-07	3.31E-07	1.51E-04	2.37E-08	8.26E-09	6.26E-03	9.86E-07	3.44E-07	6.85E-05	1.08E-08	3.76E-09
976	490286.72, 3861135.12	5.98E-03	9.42E-07	3.28E-07	1.30E-04	2.05E-08	7.15E-09	6.00E-03	9.45E-07	3.29E-07	1.51E-04	2.37E-08	8.26E-09	6.23E-03	9.81E-07	3.42E-07	6.86E-05	1.08E-08	3.76E-09
977	490336.72, 3861135.12	5.95E-03	9.37E-07	3.26E-07	1.30E-04	2.05E-08	7.15E-09	5.97E-03	9.40E-07	3.28E-07	1.51E-04	2.37E-08	8.26E-09	6.19E-03	9.76E-07	3.40E-07	6.85E-05	1.08E-08	3.76E-09
978	490386.72, 3861135.12	5.92E-03	9.32E-07	3.25E-07	1.30E-04	2.05E-08	7.16E-09	5.94E-03	9.35E-07	3.26E-07	1.51E-04	2.37E-08	8.27E-09	6.16E-03	9.71E-07	3.38E-07	6.86E-05	1.08E-08	3.77E-09
979	490436.72, 3861135.12	5.88E-03	9.27E-07	3.23E-07	1.31E-04	2.06E-08	7.16E-09	5.90E-03	9.30E-07	3.24E-07	1.51E-04	2.38E-08	8.28E-09	6.13E-03	9.65E-07	3.36E-07	6.87E-05	1.08E-08	3.77E-09
980	490486.72, 3861135.12	5.85E-03	9.21E-07	3.21E-07	1.31E-04	2.06E-08	7.18E-09	5.87E-03	9.25E-07	3.22E-07	1.51E-04	2.38E-08	8.30E-09	6.09E-03	9.59E-07	3.34E-07	6.88E-05	1.08E-08	3.78E-09
981	490536.72, 3861135.12	5.81E-03	9.16E-07	3.19E-07	1.31E-04	2.07E-08	7.20E-09	5.84E-03	9.19E-07	3.20E-07	1.52E-04	2.39E-08	8.32E-09	6.05E-03	9.54E-07	3.32E-07	6.90E-05	1.09E-08	3.79E-09
982	490586.72, 3861135.12	5.77E-03	9.09E-07	3.17E-07	1.32E-04	2.07E-08	7.22E-09	5.79E-03	9.13E-07	3.18E-07	1.52E-04	2.40E-08	8.35E-09	6.01E-03	9.47E-07	3.30E-07	6.92E-05	1.09E-08	3.80E-09
983	490636.72, 3861135.12	5.72E-03	9.02E-07	3.14E-07	1.32E-04	2.08E-08	7.24E-09	5.75E-03	9.05E-07	3.15E-07	1.53E-04	2.40E-08	8.37E-09	5.96E-03	9.39E-07	3.27E-07	6.94E-05	1.09E-08	3.81E-09
984	490686.72, 3861135.12	5.68E-03	8.95E-07	3.12E-07	1.32E-04	2.09E-08	7.27E-09	5.70E-03	8.99E-07	3.13E-07	1.53E-04	2.41E-08	8.40E-09	5.91E-03	9.32E-07	3.25E-07	6.97E-05	1.10E-08	3.82E-09
985	490736.72, 3861135.12	5.64E-03	8.89E-07	3.10E-07	1.33E-04	2.10E-08	7.31E-09	5.66E-03	8.92E-07	3.11E-07	1.54E-04	2.42E-08	8.45E-09	5.87E-03	9.25E-07	3.22E-07	7.00E-05	1.10E-08	3.84E-09
986	490786.72, 3861135.12	5.60E-03	8.82E-07	3.07E-07	1.34E-04	2.11E-08	7.34E-09	5.62E-03	8.86E-07	3.09E-07	1.55E-04	2.44E-08	8.49E-09	5.83E-03	9.18E-07	3.20E-07	7.04E-05	1.11E-08	3.86E-09
987	490836.72, 3861135.12	5.56E-03	8.75E-07	3.05E-07	1.34E-04	2.12E-08	7.38E-09	5.58E-03	8.79E-07	3.06E-07	1.55E-04	2.45E-08	8.53E-09	5.78E-03	9.11E-07	3.17E-07	7.07E-05	1.11E-08	3.88E-09
988	490086.72, 3861185.12	5.68E-03	8.94E-07	3.12E-07	1.27E-04	2.01E-08	6.99E-09	5.70E-03	8.98E-07	3.13E-07	1.47E-04	2.32E-08	8.08E-09	5.91E-03	9.31E-07	3.24E-07	6.70E-05	1.06E-08	3.68E-09
989	490136.72, 3861185.12	5.65E-03	8.91E-07	3.10E-07	1.27E-04	2.01E-08	6.99E-09	5.68E-03	8.94E-07	3.11E-07	1.47E-04	2.32E-08	8.09E-09	5.89E-03	9.27E-07	3.23E-07	6.70E-05	1.06E-08	3.68E-09
990	490186.72, 3861185.12	5.64E-03	8.88E-07	3.10E-07	1.28E-04	2.01E-08	7.00E-09	5.66E-03	8.92E-07	3.11E-07	1.47E-04	2.32E-08	8.09E-09	5.87E-03	9.25E-07	3.22E-07	6.71E-05	1.06E-08	3.68E-09
991	490236.72, 3861185.12	5.63E-03	8.86E-07	3.09E-07	1.28E-04	2.01E-08	7.00E-09	5.65E-03	8.90E-07	3.10E-07	1.48E-04	2.32E-08	8.10E-09	5.86E-03	9.23E-07	3.22E-07	6.71E-05	1.06E-08	3.68E-09
992	490286.72, 3861185.12	5.62E-03	8.85E-07	3.08E-07	1.28E-04	2.01E-08	7.02E-09	5.64E-03	8.88E-07	3.09E-07	1.48E-04	2.33E-08	8.11E-09	5.85E-03	9.21E-07	3.21E-07	6.72E-05	1.06E-08	3.69E-09
993	490336.72, 3861185.12	5.58E-03	8.79E-07	3.06E-07	1.28E-04	2.01E-08	7.00E-09	5.60E-03	8.83E-07	3.08E-07	1.48E-04	2.32E-08	8.10E-09	5.81E-03	9.16E-07	3.19E-07	6.71E-05	1.06E-08	3.68E-09
994	490386.72, 3861185.12	5.56E-03	8.76E-07	3.05E-07	1.28E-04	2.01E-08	7.01E-09	5.58E-03	8.80E-07	3.06E-07	1.48E-04	2.33E-08	8.10E-09	5.79E-03	9.12E-07	3.18E-07	6.72E-05	1.06E-08	3.69E-09
995	490436.72, 3861185.12	5.55E-03	8.74E-07	3.04E-07	1.28E-04	2.02E-08	7.02E-09	5.57E-03	8.77E-07	3.06E-07	1.48E-04	2.33E-08	8.12E-09	5.77E-03	9.09E-07	3.17E-07	6.73E-05	1.06E-08	3.70E-09
996	490486.72, 3861185.12	5.52E-03	8.69E-07	3.03E-07	1.28E-04	2.02E-08	7.03E-09	5.54E-03	8.73E-07	3.04E-07	1.48E-04	2.33E-08	8.13E-09	5.74E-03	9.05E-07	3.15E-07	6.74E-05	1.06E-08	3.70E-09
997	490536.72, 3861185.12	5.50E-03	8.67E-07	3.02E-07	1.29E-04	2.03E-08	7.06E-09	5.52E-03	8.70E-07	3.03E-07	1.49E-04	2.34E-08	8.16E-09	5.73E-03	9.02E-07	3.14E-07	6.77E-05	1.07E-08	3.71E-09
998	490586.72, 3861185.12	5.47E-03	8.61E-07	3.00E-07	1.29E-04	2.03E-08	7.07E-09	5.49E-03	8.65E-07	3.01E-07	1.49E-04	2.35E-08	8.17E-09	5.69E-03	8.96E-07	3.12E-07	6.78E-05	1.07E-08	3.72E-09
999	490636.72, 3861185.12	5.42E-03	8.54E-07	2.98E-07	1.29E-04	2.03E-08	7.08E-09	5.44E-03	8.58E-07	2.99E-07	1.49E-04	2.35E-08	8.18E-09	5.64E-03	8.89E-07	3.10E-07	6.79E-05	1.07E-08	3.72E-09
1000	490686.72, 3861185.12	5.39E-03	8.49E-07	2.96E-07	1.29E-04	2.04E-08	7.10E-09	5.41E-03	8.52E-07	2.97E-07	1.50E-04	2.36E-08	8.21E-09	5.61E-03	8.83E-07	3.08E-07	6.81E-05	1.07E-08	3.74E-09
1001	490736.72, 3861185.12	5.36E-03	8.44E-07	2.94E-07	1.30E-04	2.05E-08	7.14E-09	5.38E-03	8.48E-07	2.95E-07	1.50E-04	2.37E-08	8.26E-09	5.57E-03	8.78E-07	3.06E-07	6.84E-05	1.08E-08	3.76E-09

1002	490786.72, 3861185.12	5.33E-03	8.39E-07	2.92E-07	1.31E-04	2.06E-08	7.18E-09	5.35E-03	8.43E-07	2.94E-07	1.51E-04	2.38E-08	8.30E-09	5.54E-03	8.73E-07	3.04E-07	6.88E-05	1.08E-08	3.77E-09
1003	490836.72, 3861185.12	5.29E-03	8.33E-07	2.90E-07	1.31E-04	2.07E-08	7.21E-09	5.31E-03	8.37E-07	2.92E-07	1.52E-04	2.39E-08	8.34E-09	5.50E-03	8.67E-07	3.02E-07	6.91E-05	1.09E-08	3.79E-09
1004	490086.72, 3861235.12	5.33E-03	8.39E-07	2.92E-07	1.25E-04	1.97E-08	6.86E-09	5.35E-03	8.42E-07	2.93E-07	1.45E-04	2.28E-08	7.93E-09	5.54E-03	8.73E-07	3.04E-07	6.57E-05	1.04E-08	3.61E-09
1005	490136.72, 3861235.12	5.31E-03	8.36E-07	2.91E-07	1.25E-04	1.97E-08	6.86E-09	5.33E-03	8.40E-07	2.93E-07	1.45E-04	2.28E-08	7.94E-09	5.53E-03	8.70E-07	3.03E-07	6.58E-05	1.04E-08	3.61E-09
1006	490186.72, 3861235.12	5.30E-03	8.35E-07	2.91E-07	1.25E-04	1.97E-08	6.87E-09	5.32E-03	8.38E-07	2.92E-07	1.45E-04	2.28E-08	7.95E-09	5.52E-03	8.69E-07	3.03E-07	6.59E-05	1.04E-08	3.61E-09
1007	490236.72, 3861235.12	5.28E-03	8.32E-07	2.90E-07	1.25E-04	1.97E-08	6.87E-09	5.30E-03	8.35E-07	2.91E-07	1.45E-04	2.28E-08	7.94E-09	5.50E-03	8.66E-07	3.02E-07	6.58E-05	1.04E-08	3.61E-09
1008	490386.72, 3861235.12	5.24E-03	8.25E-07	2.87E-07	1.25E-04	1.97E-08	6.87E-09	5.26E-03	8.28E-07	2.89E-07	1.45E-04	2.28E-08	7.95E-09	5.45E-03	8.58E-07	2.99E-07	6.59E-05	1.04E-08	3.62E-09
1009	490436.72, 3861235.12	5.22E-03	8.22E-07	2.86E-07	1.25E-04	1.97E-08	6.87E-09	5.24E-03	8.25E-07	2.87E-07	1.45E-04	2.28E-08	7.95E-09	5.43E-03	8.55E-07	2.98E-07	6.59E-05	1.04E-08	3.62E-09
1010	490486.72, 3861235.12	5.20E-03	8.19E-07	2.85E-07	1.25E-04	1.98E-08	6.88E-09	5.22E-03	8.22E-07	2.87E-07	1.45E-04	2.28E-08	7.96E-09	5.41E-03	8.52E-07	2.97E-07	6.60E-05	1.04E-08	3.62E-09
1011	490536.72, 3861235.12	5.20E-03	8.19E-07	2.85E-07	1.26E-04	1.98E-08	6.91E-09	5.22E-03	8.22E-07	2.86E-07	1.46E-04	2.29E-08	7.99E-09	5.41E-03	8.52E-07	2.97E-07	6.62E-05	1.04E-08	3.64E-09
1012	490586.72, 3861235.12	5.19E-03	8.17E-07	2.85E-07	1.26E-04	1.99E-08	6.94E-09	5.21E-03	8.20E-07	2.86E-07	1.46E-04	2.30E-08	8.02E-09	5.39E-03	8.50E-07	2.96E-07	6.65E-05	1.05E-08	3.65E-09
1013	490636.72, 3861235.12	5.14E-03	8.10E-07	2.82E-07	1.26E-04	1.99E-08	6.93E-09	5.16E-03	8.13E-07	2.83E-07	1.46E-04	2.30E-08	8.01E-09	5.35E-03	8.42E-07	2.93E-07	6.64E-05	1.05E-08	3.64E-09
1014	490686.72, 3861235.12	5.11E-03	8.06E-07	2.81E-07	1.27E-04	1.99E-08	6.95E-09	5.13E-03	8.09E-07	2.82E-07	1.46E-04	2.31E-08	8.04E-09	5.32E-03	8.38E-07	2.92E-07	6.66E-05	1.05E-08	3.66E-09
1015	490736.72, 3861235.12	5.09E-03	8.02E-07	2.79E-07	1.27E-04	2.00E-08	6.98E-09	5.11E-03	8.06E-07	2.81E-07	1.47E-04	2.32E-08	8.07E-09	5.29E-03	8.34E-07	2.91E-07	6.69E-05	1.05E-08	3.67E-09
1016	490786.72, 3861235.12	5.07E-03	7.99E-07	2.78E-07	1.28E-04	2.02E-08	7.02E-09	5.09E-03	8.02E-07	2.79E-07	1.48E-04	2.33E-08	8.12E-09	5.27E-03	8.30E-07	2.89E-07	6.73E-05	1.06E-08	3.69E-09
1017	490836.72, 3861235.12	5.04E-03	7.94E-07	2.77E-07	1.29E-04	2.02E-08	7.05E-09	5.06E-03	7.97E-07	2.78E-07	1.49E-04	2.34E-08	8.15E-09	5.24E-03	8.25E-07	2.87E-07	6.76E-05	1.06E-08	3.71E-09
1018	490086.72, 3861285.12	5.02E-03	7.91E-07	2.76E-07	1.23E-04	1.94E-08	6.74E-09	5.04E-03	7.94E-07	2.77E-07	1.42E-04	2.24E-08	7.80E-09	5.22E-03	8.23E-07	2.87E-07	6.46E-05	1.02E-08	3.54E-09
1019	490136.72, 3861285.12	5.02E-03	7.91E-07	2.75E-07	1.23E-04	1.94E-08	6.76E-09	5.04E-03	7.94E-07	2.77E-07	1.42E-04	2.24E-08	7.82E-09	5.22E-03	8.22E-07	2.86E-07	6.47E-05	1.02E-08	3.55E-09
1020	490186.72, 3861285.12	5.00E-03	7.87E-07	2.74E-07	1.23E-04	1.94E-08	6.75E-09	5.02E-03	7.91E-07	2.75E-07	1.42E-04	2.24E-08	7.81E-09	5.20E-03	8.19E-07	2.85E-07	6.47E-05	1.02E-08	3.55E-09
1021	490236.72, 3861285.12	4.98E-03	7.85E-07	2.73E-07	1.23E-04	1.94E-08	6.75E-09	5.00E-03	7.88E-07	2.75E-07	1.42E-04	2.24E-08	7.81E-09	5.18E-03	8.16E-07	2.84E-07	6.47E-05	1.02E-08	3.55E-09
1022	490386.72, 3861285.12	4.94E-03	7.79E-07	2.71E-07	1.23E-04	1.94E-08	6.75E-09	4.97E-03	7.82E-07	2.72E-07	1.42E-04	2.24E-08	7.80E-09	5.14E-03	8.10E-07	2.82E-07	6.47E-05	1.02E-08	3.55E-09
1023	490436.72, 3861285.12	4.94E-03	7.78E-07	2.71E-07	1.23E-04	1.94E-08	6.75E-09	4.96E-03	7.81E-07	2.72E-07	1.42E-04	2.24E-08	7.81E-09	5.13E-03	8.08E-07	2.82E-07	6.47E-05	1.02E-08	3.55E-09
1024	490486.72, 3861285.12	4.92E-03	7.75E-07	2.70E-07	1.23E-04	1.94E-08	6.75E-09	4.94E-03	7.78E-07	2.71E-07	1.42E-04	2.24E-08	7.81E-09	5.11E-03	8.06E-07	2.81E-07	6.47E-05	1.02E-08	3.55E-09
1025	490536.72, 3861285.12	4.91E-03	7.73E-07	2.69E-07	1.23E-04	1.94E-08	6.76E-09	4.93E-03	7.76E-07	2.70E-07	1.42E-04	2.24E-08	7.82E-09	5.10E-03	8.04E-07	2.80E-07	6.48E-05	1.02E-08	3.56E-09
1026	490586.72, 3861285.12	4.90E-03	7.71E-07	2.69E-07	1.24E-04	1.95E-08	6.78E-09	4.92E-03	7.75E-07	2.70E-07	1.43E-04	2.25E-08	7.84E-09	5.09E-03	8.02E-07	2.79E-07	6.50E-05	1.02E-08	3.57E-09
1027	490636.72, 3861285.12	4.87E-03	7.67E-07	2.67E-07	1.24E-04	1.95E-08	6.78E-09	4.89E-03	7.70E-07	2.68E-07	1.43E-04	2.25E-08	7.84E-09	5.06E-03	7.97E-07	2.78E-07	6.50E-05	1.02E-08	3.57E-09
1028	490686.72, 3861285.12	4.85E-03	7.64E-07	2.66E-07	1.24E-04	1.95E-08	6.80E-09	4.87E-03	7.68E-07	2.67E-07	1.43E-04	2.26E-08	7.86E-09	5.04E-03	7.94E-07	2.77E-07	6.52E-05	1.03E-08	3.58E-09
1029	490736.72, 3861285.12	4.84E-03	7.63E-07	2.66E-07	1.25E-04	1.96E-08	6.84E-09	4.86E-03	7.66E-07	2.67E-07	1.44E-04	2.27E-08	7.91E-09	5.03E-03	7.93E-07	2.76E-07	6.55E-05	1.03E-08	3.60E-09
1030	490786.72, 3861285.12	4.82E-03	7.59E-07	2.65E-07	1.25E-04	1.97E-08	6.86E-09	4.84E-03	7.63E-07	2.66E-07	1.45E-04	2.28E-08	7.94E-09	5.01E-03	7.89E-07	2.75E-07	6.58E-05	1.04E-08	3.61E-09
1031	490836.72, 3861285.12	4.79E-03	7.55E-07	2.63E-07	1.26E-04	1.98E-08	6.89E-09	4.81E-03	7.58E-07	2.64E-07	1.45E-04	2.29E-08	7.96E-09	4.98E-03	7.84E-07	2.73E-07	6.60E-05	1.04E-08	3.62E-09
1032	490061.24, 3859716.13	1.77E-02	2.78E-06	9.70E-07	2.49E-04	3.92E-08	1.36E-08	1.77E-02	2.79E-06	9.72E-07	2.87E-04	4.52E-08	1.57E-08	1.85E-02	2.91E-06	1.02E-06	1.33E-04	2.10E-08	7.32E-09
1033	490111.24, 3859716.13	1.73E-02	2.73E-06	9.50E-07	2.47E-04	3.88E-08	1.35E-08	1.73E-02	2.73E-06	9.52E-07	2.84E-04	4.48E-08	1.56E-08	1.81E-02	2.85E-06	9.94E-07	1.32E-04	2.08E-08	7.25E-09
1034	490161.24, 3859716.13	1.70E-02	2.67E-06	9.30E-07	2.44E-04	3.85E-08	1.34E-08	1.70E-02	2.68E-06	9.33E-07	2.82E-04	4.44E-08	1.55E-08	1.77E-02	2.79E-06	9.73E-07	1.31E-04	2.06E-08	7.18E-09
1035	490211.24, 3859716.13	1.66E-02	2.62E-06	9.13E-07	2.42E-04	3.81E-08	1.33E-08	1.67E-02	2.63E-06	9.15E-07	2.79E-04	4.39E-08	1.53E-08	1.74E-02	2.74E-06	9.55E-07	1.30E-04	2.04E-08	7.11E-09
1036	490061.24, 3859766.13	1.76E-02	2.77E-06	9.66E-07	2.45E-04	3.86E-08	1.34E-08	1.76E-02	2.78E-06	9.69E-07	2.82E-04	4.45E-08	1.55E-08	1.84E-02	2.90E-06	1.01E-06	1.31E-04	2.07E-08	7.20E-09
1037	490111.24, 3859766.13	1.73E-02	2.72E-06	9.47E-07	2.43E-04	3.82E-08	1.33E-08	1.73E-02	2.72E-06	9.49E-07	2.80E-04	4.41E-08	1.54E-08	1.81E-02	2.84E-06	9.91E-07	1.30E-04	2.05E-08	7.13E-09
1038	490161.24, 3859766.13	1.69E-02	2.67E-06	9.30E-07	2.40E-04	3.79E-08	1.32E-08	1.70E-02	2.67E-06	9.32E-07	2.77E-04	4.37E-08	1.52E-08	1.77E-02	2.79E-06	9.73E-07	1.29E-04	2.03E-08	7.06E-09
1039	490211.24, 3859766.13	1.66E-02	2.61E-06	9.10E-07	2.38E-04	3.75E-08	1.31E-08	1.66E-02	2.62E-06	9.13E-07	2.75E-04	4.33E-08	1.51E-08	1.74E-02	2.73E-06	9.52E-07	1.27E-04	2.01E-08	7.00E-09
1040	490061.24, 3859816.13	1.76E-02	2.77E-06	9.65E-07	2.41E-04	3.79E-08	1.32E-08	1.76E-02	2.77E-06	9.67E-07	2.78E-04	4.37E-08	1.52E-08	1.84E-02	2.90E-06	1.01E-06	1.29E-04	2.03E-08	7.08E-09
1041	490111.24, 3859816.13	1.73E-02	2.72E-06	9.47E-07	2.39E-04	3.76E-08	1.31E-08	1.73E-02	2.72E-06	9.49E-07	2.75E-04	4.34E-08	1.51E-08	1.81E-02	2.84E-06	9.91E-07	1.28E-04	2.01E-08	7.02E-09
1042	490161.24, 3859816.13	1.69E-02	2.66E-06	9.27E-07	2.37E-04	3.73E-08	1.30E-08	1.69E-02	2.67E-06	9.30E-07	2.73E-04	4.30E-08	1.50E-08	1.77E-02	2.79E-06	9.70E-07	1.27E-04	2.00E-08	6.95E-09
1043	490211.24, 3859816.13	1.65E-02	2.61E-06	9.08E-07	2.34E-04	3.69E-08	1.29E-08	1.66E-02	2.61E-06	9.10E-07	2.70E-04	4.26E-08	1.48E-08	1.73E-02	2.73E-06	9.50E-07	1.25E-04	1.98E-08	6.88E-09
1044	490061.24, 3859866.13	1.76E-02	2.77E-06	9.66E-07	2.37E-04	3.73E-08	1.30E-08	1.76E-02	2.78E-06	9.68E-07	2.73E-04	4.30E-08	1.50E-08	1.84E-02	2.90E-06	1.01E-06	1.27E-04	2.00E-08	6.95E-09
1045	490111.24, 3859866.13	1.72E-02	2.71E-06	9.46E-07	2.35E-04	3.70E-08	1.29E-08	1.73E-02	2.72E-06	9.48E-07	2.71E-04	4.27E-08	1.49E-08	1.80E-02	2.84E-06	9.90E-07	1.26E-04	1.98E-08	6.90E-09
1046	490161.24, 3859866.13	1.69E-02	2.66E-06	9.26E-07	2.33E-04	3.67E-08	1.28E-08	1.69E-02	2.66E-06	9.28E-07	2.69E-04	4.23E-08	1.47E-08	1.77E-02	2.78E-06	9.69E-07	1.25E-04	1.96E-08	6.84E-09
1047	490211.24, 3859866.13	1.65E-02	2.60E-06	9.06E-07	2.31E-04	3.64E-08	1.27E-08	1.65E-02	2.61E-06	9.08E-07	2.66E-04	4.20E-08	1.46E-08	1.73E-02	2.72E-06	9.48E-07	1.24E-04	1.95E-08	6.78E-09
1048	490061.24, 3859916.13	1.76E-02	2.77E-06	9.66E-07	2.32E-04	3.65E-08	1.27E-08	1.76E-02	2.78E-06	9.68E-07	2.67E-04	4.21E-08	1.47E-08	1.84E-02	2.90E-06	1.01E-06	1.24E-04	1.96E-08	6.82E-09
1049	490111.24, 3859916.13	1.72E-02	2.71E-06	9.45E-07	2.31E-04	3.63E-08	1.27E-08	1.73E-02	2.72E-06	9.47E-07	2.66E-04	4.19E-08	1.46E-08	1.80E-02	2.84E-06	9.89E-07	1.23E-04	1.94E-08	6.77E-09
1050	490161.24, 3859916.13	1.68E-02	2.65E-06	9.24E-07	2.29E-04	3.61E-08	1.26E-08	1.69E-02	2.66E-06	9.27E-07	2.64E-04	4.16E-08	1.45E-08	1.76E-02	2.78E-06	9.68E-07	1.23E-04	1.93E-08	6.72E-09
1051	490211.24, 3859916.13	1.65E-02	2.60E-06	9.05E-07	2.27E-04	3.58E-08	1.25E-08	1.65E-02	2.60E-06	9.07E-07	2.62E-04	4.13E-08	1.44E-08	1.73E-02	2.72E-06	9.47E-07	1.21E-04	1.91E-08	6.67E-09
1052	490229.25, 3859815.26	1.64E-02	2.59E-06	9.01E-07	2.34E-04	3.68E-08	1.28E-08	1.65E-02	2.59E-06	9.03E-07	2.70E-04	4.25E-08	1.48E-08	1.72E-02	2.71E-06	9.43E-07	1.25E-04	1.97E-08	6.87E-09
1053	490279.25, 3859815.26	1.61E-02	2.53E-06	8.83E-07	2.32E-04	3.65E-08	1.27E-08	1.61E-02	2.54E-06	8.85E-07	2.67E-04	4.21E-08	1.47E-08	1.68E-02	2.65E-06	9.24E-07	1.24E-04	1.95E-08	6.80E-09
1054	490329.25, 3859815.26	1.58E-02	2.48E-06	8.65E-07	2.30E-04	3.62E-08	1.26E-08	1.58E-02	2.49E-06	8.67E-07	2.65E-04	4.17E-08	1.45E-08	1.65E-02	2.60E-06	9.05E-07	1.23E-04	1.93E-08	6.73E-09
1055	490379.25, 3859815.26	1.54E-02	2.43E-06	8.47E-07	2.28E-04	3.59E-08	1.25E-08	1.55E-02	2.44E-06	8.49E-07	2.63E-04	4.14E-08	1.44E-08	1.61E-02	2.54E-06	8.86E-07	1.22E-04	1.92E-08	6.68E-09
1056	490429.25, 3859815.26	1.51E-02	2.38E-06	8.29E-07	2.27E-04	3.57E-08	1.24E-08	1.51E-02	2.39E-06	8.31E-07	2.61E-04	4.12E-08	1.43E-08	1.58E-02	2.49E-06	8.67E-07	1.21E-04	1.91E-08	6.64E-09
1057	490229.25, 3859865.26	1.64E-02	2.58E-06	8.99E-07	2.30E-04	3.63E-08	1.26E-08	1.64E-02	2.59E-06	9.01E-07	2.66E-04	4.19E-08	1.46E-08	1.71E-02	2.70E-06	9.41E-07	1.23E-04	1.94E-08	6.76E-09
1058	490279.25, 3859865.26	1.60E-02	2.53E-06	8.81E-07	2.28E-04	3.60E-08	1.25E-08	1.61E-02	2.53E-06	8.83E-07	2.63E-04	4.15E-08	1.44E-08	1.68E-02	2.64E-06	9.21E-07	1.22E-04	1.92E-08	6.70E-09
1059	490329.25, 3859865.26	1.57E-02	2.48E-06	8.62E-07	2.26E-04	3.56E-08	1.24E-08	1.57E-02	2.48E-06	8.64E-07	2.61E-04	4.11E-08	1.43E-08	1.64E-02	2.59E-06	9.02E-07	1.21E-04	1.90E-08	6.63E-09
1060	490379.25, 3859865.26	1.54E-02	2.42E-06	8.44E-07	2.24E-04	3.53E-08	1.23E-08	1.54E-02	2.43E-06	8.46E-07	2.59E-04	4.08E-08	1.42E-08	1.61E-02	2.54E-06	8.83E-07	1.20E-04	1.89E-08	6.57E-09
1061	490429.25, 3859865.26	1.51E-02	2.37E-06	8.27E-07	2.23E-04	3.51E-08	1.22E-08	1.51E-02	2.38E-06	8.29E-07	2.57E-04	4.05E-08	1.41E-08	1.58E-02	2.48E-06	8.65E-07	1.19E-04	1.87E-08	6.52E-09
1062	490229.25, 3859915.26	1.64E-02	2.58E-06	8.97E-07	2.27E-04	3.57E-08	1.24E-08	1.64E-02	2.58E-06	9.00E-07	2.62E-04	4.12E-08	1.44E-08	1.71E-02	2.70E-06	9.39E-07	1.21E-04	1.91E-08	6.65E-09
1063	490279.25, 3859915.26	1.60E-02	2.52E-06	8.78E-07	2.25E-04	3.54E-08	1.23E-08	1.60E-02	2.53E-06	8.81E-07	2.59E-04	4.08E-08	1.42E-08	1.67E-02	2.64E-06	9.19E-07	1.20E-04	1.89E-08	6.59E-09
1064	490329.25, 3859915.26	1.57E-02	2.47E-06	8.60E-07	2.23E-04	3.51E-08	1.22E-08	1.57E-02	2.47E-06	8.62E-07	2.57E-04	4.05E-08	1.41E-08	1.64E-02	2.58E-06	9.00E-07	1.19E-04	1.87E-08	6.53E-09
1065	490379.25, 3859915.26	1.53E-02	2.42E-06	8.41E-07	2.21E-04	3.48E-08	1.21E-08	1.54E-02	2.42E-06	8.44E-07	2.55E-04	4.01E-08	1.40E-08	1.60E-02	2.53E-06	8.80E-07	1.18E-04	1.86E-08	6.47E-09
1066	490429.25, 3859915.26	1.50E-02	2.36E-06	8.24E-07	2.19E-04	3.45E-08	1.20E-08	1.50E-02	2.37E-06	8.26E-07	2.53E-04	3.98E-08	1.39E-08	1.57E-02	2.47E-06	8.62E-07	1.17E-04	1.84E-08	6.41E-09
1067	490451.43, 3859872.59	1.49E-02	2.35E-06	8.19E-07	2.21E-04	3.49E-08	1.21E-08	1.50E-02	2.36E-06	8.21E-07	2.55E-04	4.02E-08	1.40E-08	1.56E-02	2.46E-06	8.56E-07	1.18E-04	1.86E-08	6.48E-09
1068	490501.43, 3859872.59	1.46E-02	2.30E-06	8.01E-07	2.20E-04	3.47E-08	1.21E-08	1.46E-02	2.31E-06	8.03E-07	2.54E-04	4.00E-08	1.39E-08	1.53E-02	2.41E-06	8.38E-07	1.17E-04	1.85E-08	6.44E-09

1069	490551.43, 3859872.59	1.43E-02	2.25E-06	7.84E-07	2.19E-04	3.45E-08	1.20E-08	1.43E-02	2.26E-06	7.86E-07	2.53E-04	3.99E-08	1.39E-08	1.49E-02	2.35E-06	8.20E-07	1.17E-04	1.84E-08	6.42E-09
1070	490601.43, 3859872.59	1.40E-02	2.20E-06	7.66E-07	2.19E-04	3.44E-08	1.20E-08	1.40E-02	2.21E-06	7.68E-07	2.52E-04	3.97E-08	1.38E-08	1.46E-02	2.30E-06	8.01E-07	1.17E-04	1.84E-08	6.39E-09
1071	490451.43, 3859922.59	1.49E-02	2.34E-06	8.15E-07	2.18E-04	3.43E-08	1.19E-08	1.49E-02	2.35E-06	8.17E-07	2.51E-04	3.96E-08	1.38E-08	1.55E-02	2.45E-06	8.53E-07	1.16E-04	1.83E-08	6.37E-09
1072	490501.43, 3859922.59	1.45E-02	2.29E-06	7.98E-07	2.16E-04	3.40E-08	1.19E-08	1.46E-02	2.30E-06	8.00E-07	2.49E-04	3.93E-08	1.37E-08	1.52E-02	2.40E-06	8.35E-07	1.15E-04	1.82E-08	6.33E-09
1073	490551.43, 3859922.59	1.42E-02	2.24E-06	7.81E-07	2.15E-04	3.39E-08	1.18E-08	1.43E-02	2.25E-06	7.83E-07	2.48E-04	3.91E-08	1.36E-08	1.49E-02	2.34E-06	8.17E-07	1.15E-04	1.81E-08	6.29E-09
1074	490601.43, 3859922.59	1.39E-02	2.19E-06	7.64E-07	2.14E-04	3.38E-08	1.18E-08	1.40E-02	2.20E-06	7.66E-07	2.47E-04	3.90E-08	1.36E-08	1.46E-02	2.29E-06	7.99E-07	1.14E-04	1.80E-08	6.27E-09
1075	482129.67, 3852241.07	6.14E-04	9.67E-08	3.37E-08	1.35E-04	2.13E-08	7.42E-09	6.37E-04	1.00E-07	3.50E-08	1.56E-04	2.46E-08	8.58E-09	5.64E-04	8.88E-08	3.09E-08	7.05E-05	1.11E-08	3.87E-09
1076	482029.67, 3852291.07	6.35E-04	1.00E-07	3.48E-08	1.35E-04	2.13E-08	7.43E-09	6.58E-04	1.04E-07	3.61E-08	1.57E-04	2.47E-08	8.60E-09	5.85E-04	9.22E-08	3.21E-08	7.07E-05	1.11E-08	3.88E-09
1077	482079.67, 3852291.07	6.33E-04	9.97E-08	3.47E-08	1.37E-04	2.16E-08	7.51E-09	6.57E-04	1.03E-07	3.60E-08	1.58E-04	2.50E-08	8.69E-09	5.83E-04	9.18E-08	3.20E-08	7.14E-05	1.12E-08	3.92E-09
1078	482129.67, 3852291.07	6.29E-04	9.91E-08	3.45E-08	1.38E-04	2.17E-08	7.56E-09	6.53E-04	1.03E-07	3.58E-08	1.59E-04	2.51E-08	8.75E-09	5.78E-04	9.11E-08	3.17E-08	7.18E-05	1.13E-08	3.94E-09
1079	482179.67, 3852291.07	6.23E-04	9.81E-08	3.42E-08	1.38E-04	2.17E-08	7.58E-09	6.46E-04	1.02E-07	3.55E-08	1.60E-04	2.52E-08	8.77E-09	5.71E-04	9.00E-08	3.13E-08	7.20E-05	1.13E-08	3.95E-09
1080	482229.67, 3852291.07	6.12E-04	9.65E-08	3.36E-08	1.38E-04	2.17E-08	7.57E-09	6.36E-04	1.00E-07	3.49E-08	1.60E-04	2.51E-08	8.76E-09	5.60E-04	8.83E-08	3.08E-08	7.20E-05	1.13E-08	3.95E-09
1081	482029.67, 3852341.07	6.49E-04	1.02E-07	3.56E-08	1.36E-04	2.14E-08	7.47E-09	6.73E-04	1.06E-07	3.69E-08	1.58E-04	2.48E-08	8.65E-09	6.00E-04	9.46E-08	3.30E-08	7.10E-05	1.12E-08	3.90E-09
1082	482079.67, 3852341.07	6.48E-04	1.02E-07	3.55E-08	1.38E-04	2.18E-08	7.59E-09	6.71E-04	1.06E-07	3.68E-08	1.60E-04	2.52E-08	8.78E-09	5.97E-04	9.41E-08	3.28E-08	7.21E-05	1.14E-08	3.96E-09
1083	482129.67, 3852341.07	6.46E-04	1.02E-07	3.54E-08	1.40E-04	2.20E-08	7.67E-09	6.70E-04	1.05E-07	3.67E-08	1.62E-04	2.55E-08	8.88E-09	5.94E-04	9.36E-08	3.26E-08	7.29E-05	1.15E-08	4.00E-09
1084	482179.67, 3852341.07	6.41E-04	1.01E-07	3.52E-08	1.41E-04	2.22E-08	7.72E-09	6.65E-04	1.05E-07	3.65E-08	1.63E-04	2.57E-08	8.94E-09	5.89E-04	9.27E-08	3.23E-08	7.34E-05	1.16E-08	4.03E-09
1085	482259.06, 3852400.14	6.64E-04	1.05E-07	3.64E-08	1.44E-04	2.26E-08	7.88E-09	6.88E-04	1.08E-07	3.78E-08	1.66E-04	2.62E-08	9.13E-09	6.11E-04	9.62E-08	3.35E-08	7.50E-05	1.18E-08	4.11E-09
1086	482309.06, 3852400.14	6.50E-04	1.02E-07	3.57E-08	1.44E-04	2.27E-08	7.92E-09	6.75E-04	1.06E-07	3.70E-08	1.67E-04	2.63E-08	9.17E-09	5.96E-04	9.39E-08	3.27E-08	7.53E-05	1.19E-08	4.13E-09
1087	482209.06, 3852450.14	6.82E-04	1.07E-07	3.74E-08	1.45E-04	2.28E-08	7.95E-09	7.07E-04	1.11E-07	3.88E-08	1.68E-04	2.64E-08	9.20E-09	6.30E-04	9.92E-08	3.46E-08	7.56E-05	1.19E-08	4.15E-09
1088	482259.06, 3852450.14	6.80E-04	1.07E-07	3.73E-08	1.46E-04	2.30E-08	8.02E-09	7.05E-04	1.11E-07	3.87E-08	1.69E-04	2.67E-08	9.29E-09	6.26E-04	9.87E-08	3.44E-08	7.63E-05	1.20E-08	4.19E-09
1089	482309.06, 3852450.14	6.70E-04	1.06E-07	3.68E-08	1.47E-04	2.32E-08	8.09E-09	6.96E-04	1.10E-07	3.82E-08	1.71E-04	2.69E-08	9.36E-09	6.16E-04	9.70E-08	3.38E-08	7.69E-05	1.21E-08	4.22E-09
1090	482209.06, 3852500.14	6.97E-04	1.10E-07	3.82E-08	1.46E-04	2.30E-08	8.02E-09	7.22E-04	1.14E-07	3.96E-08	1.69E-04	2.66E-08	9.28E-09	6.44E-04	1.01E-07	3.54E-08	7.62E-05	1.20E-08	4.18E-09
1091	482259.06, 3852500.14	6.95E-04	1.09E-07	3.81E-08	1.48E-04	2.34E-08	8.14E-09	7.20E-04	1.13E-07	3.95E-08	1.72E-04	2.70E-08	9.42E-09	6.41E-04	1.01E-07	3.52E-08	7.74E-05	1.22E-08	4.25E-09
1092	482309.06, 3852500.14	6.90E-04	1.09E-07	3.79E-08	1.50E-04	2.36E-08	8.23E-09	7.16E-04	1.13E-07	3.93E-08	1.74E-04	2.73E-08	9.52E-09	6.35E-04	1.00E-07	3.48E-08	7.82E-05	1.23E-08	4.29E-09
1093	482283.91, 3852513.62	6.98E-04	1.10E-07	3.83E-08	1.50E-04	2.36E-08	8.21E-09	7.23E-04	1.14E-07	3.97E-08	1.73E-04	2.73E-08	9.50E-09	6.43E-04	1.01E-07	3.53E-08	7.81E-05	1.23E-08	4.28E-09
1094	482333.91, 3852513.62	6.93E-04	1.09E-07	3.81E-08	1.51E-04	2.38E-08	8.29E-09	7.19E-04	1.13E-07	3.95E-08	1.75E-04	2.75E-08	9.59E-09	6.38E-04	1.00E-07	3.50E-08	7.88E-05	1.24E-08	4.32E-09
1095	482283.91, 3852563.62	7.15E-04	1.13E-07	3.92E-08	1.51E-04	2.38E-08	8.28E-09	7.41E-04	1.17E-07	4.07E-08	1.75E-04	2.75E-08	9.58E-09	6.61E-04	1.04E-07	3.63E-08	7.87E-05	1.24E-08	4.32E-09
1096	482333.91, 3852563.62	7.14E-04	1.13E-07	3.92E-08	1.53E-04	2.41E-08	8.39E-09	7.41E-04	1.17E-07	4.06E-08	1.77E-04	2.79E-08	9.71E-09	6.59E-04	1.04E-07	3.62E-08	7.97E-05	1.26E-08	4.38E-09
1097	482383.91, 3852563.62	7.12E-04	1.12E-07	3.91E-08	1.54E-04	2.43E-08	8.45E-09	7.39E-04	1.16E-07	4.05E-08	1.78E-04	2.81E-08	9.78E-09	6.56E-04	1.03E-07	3.60E-08	8.04E-05	1.27E-08	4.41E-09
1098	482283.91, 3852613.62	7.28E-04	1.15E-07	3.99E-08	1.52E-04	2.39E-08	8.34E-09	7.54E-04	1.19E-07	4.14E-08	1.76E-04	2.77E-08	9.66E-09	6.73E-04	1.06E-07	3.69E-08	7.93E-05	1.25E-08	4.35E-09
1099	482333.91, 3852613.62	7.30E-04	1.15E-07	4.01E-08	1.54E-04	2.43E-08	8.47E-09	7.57E-04	1.19E-07	4.15E-08	1.79E-04	2.82E-08	9.81E-09	6.74E-04	1.06E-07	3.70E-08	8.06E-05	1.27E-08	4.42E-09
1100	482383.91, 3852613.62	7.32E-04	1.15E-07	4.01E-08	1.56E-04	2.46E-08	8.57E-09	7.58E-04	1.19E-07	4.16E-08	1.81E-04	2.85E-08	9.92E-09	6.75E-04	1.06E-07	3.70E-08	8.14E-05	1.28E-08	4.47E-09
1101	482602.38, 3852600.87	6.88E-04	1.08E-07	3.77E-08	1.56E-04	2.46E-08	8.56E-09	7.14E-04	1.13E-07	3.92E-08	1.81E-04	2.84E-08	9.91E-09	6.29E-04	9.90E-08	3.45E-08	8.14E-05	1.28E-08	4.47E-09
1102	482652.38, 3852600.87	6.80E-04	1.07E-07	3.73E-08	1.54E-04	2.43E-08	8.46E-09	7.06E-04	1.11E-07	3.88E-08	1.79E-04	2.81E-08	9.80E-09	6.22E-04	9.79E-08	3.41E-08	8.05E-05	1.27E-08	4.42E-09
1103	482702.38, 3852600.87	6.58E-04	1.04E-07	3.61E-08	1.52E-04	2.40E-08	8.36E-09	6.84E-04	1.08E-07	3.75E-08	1.76E-04	2.78E-08	9.68E-09	5.99E-04	9.44E-08	3.29E-08	7.95E-05	1.25E-08	4.36E-09
1104	482552.38, 3852650.87	7.23E-04	1.14E-07	3.97E-08	1.61E-04	2.54E-08	8.85E-09	7.51E-04	1.18E-07	4.12E-08	1.87E-04	2.94E-08	1.02E-08	6.63E-04	1.04E-07	3.64E-08	8.41E-05	1.33E-08	4.62E-09
1105	482602.38, 3852650.87	7.15E-04	1.13E-07	3.92E-08	1.61E-04	2.53E-08	8.82E-09	7.42E-04	1.17E-07	4.07E-08	1.86E-04	2.93E-08	1.02E-08	6.54E-04	1.03E-07	3.59E-08	8.38E-05	1.32E-08	4.60E-09
1106	482652.38, 3852650.87	7.08E-04	1.11E-07	3.88E-08	1.59E-04	2.51E-08	8.74E-09	7.35E-04	1.16E-07	4.03E-08	1.84E-04	2.90E-08	1.01E-08	6.48E-04	1.02E-07	3.55E-08	8.31E-05	1.31E-08	4.56E-09
1107	482702.38, 3852650.87	6.99E-04	1.10E-07	3.84E-08	1.57E-04	2.48E-08	8.64E-09	7.26E-04	1.14E-07	3.98E-08	1.82E-04	2.87E-08	1.00E-08	6.40E-04	1.01E-07	3.51E-08	8.22E-05	1.29E-08	4.51E-09
1108	482552.38, 3852700.87	7.46E-04	1.17E-07	4.09E-08	1.65E-04	2.60E-08	9.06E-09	7.74E-04	1.22E-07	4.25E-08	1.91E-04	3.01E-08	1.05E-08	6.84E-04	1.08E-07	3.76E-08	8.61E-05	1.36E-08	4.73E-09
1109	482602.38, 3852700.87	7.41E-04	1.17E-07	4.07E-08	1.65E-04	2.60E-08	9.05E-09	7.70E-04	1.21E-07	4.22E-08	1.91E-04	3.01E-08	1.05E-08	6.80E-04	1.07E-07	3.73E-08	8.60E-05	1.35E-08	4.72E-09
1110	482652.38, 3852700.87	7.43E-04	1.17E-07	4.08E-08	1.63E-04	2.57E-08	8.97E-09	7.71E-04	1.21E-07	4.23E-08	1.89E-04	2.98E-08	1.04E-08	6.82E-04	1.07E-07	3.74E-08	8.52E-05	1.34E-08	4.68E-09
1111	482702.38, 3852700.87	7.33E-04	1.15E-07	4.02E-08	1.62E-04	2.56E-08	8.91E-09	7.61E-04	1.20E-07	4.18E-08	1.88E-04	2.96E-08	1.03E-08	6.72E-04	1.06E-07	3.69E-08	8.47E-05	1.33E-08	4.65E-09
1112	482452.38, 3852750.87	7.73E-04	1.22E-07	4.24E-08	1.64E-04	2.59E-08	9.01E-09	8.01E-04	1.26E-07	4.40E-08	1.90E-04	2.99E-08	1.04E-08	7.14E-04	1.12E-07	3.92E-08	8.57E-05	1.35E-08	4.70E-09
1113	482521.29, 3852749.74	7.71E-04	1.21E-07	4.23E-08	1.67E-04	2.63E-08	9.18E-09	7.99E-04	1.26E-07	4.39E-08	1.94E-04	3.05E-08	1.06E-08	7.09E-04	1.12E-07	3.89E-08	8.72E-05	1.37E-08	4.79E-09
1114	482571.29, 3852749.74	7.67E-04	1.21E-07	4.21E-08	1.68E-04	2.65E-08	9.24E-09	7.96E-04	1.25E-07	4.37E-08	1.95E-04	3.07E-08	1.07E-08	7.05E-04	1.11E-07	3.87E-08	8.78E-05	1.38E-08	4.82E-09
1115	482521.29, 3852799.74	7.91E-04	1.25E-07	4.34E-08	1.69E-04	2.66E-08	9.28E-09	8.20E-04	1.29E-07	4.50E-08	1.96E-04	3.08E-08	1.07E-08	7.30E-04	1.15E-07	4.00E-08	8.82E-05	1.39E-08	4.84E-09
1116	482571.29, 3852799.74	7.89E-04	1.24E-07	4.33E-08	1.71E-04	2.69E-08	9.39E-09	8.19E-04	1.29E-07	4.49E-08	1.98E-04	3.12E-08	1.09E-08	7.27E-04	1.14E-07	3.99E-08	8.92E-05	1.41E-08	4.90E-09
1117	482621.29, 3852799.74	7.86E-04	1.24E-07	4.31E-08	1.72E-04	2.71E-08	9.45E-09	8.15E-04	1.28E-07	4.47E-08	1.99E-04	3.14E-08	1.09E-08	7.22E-04	1.14E-07	3.96E-08	8.98E-05	1.42E-08	4.93E-09
1118	482571.29, 3852849.74	8.07E-04	1.27E-07	4.43E-08	1.73E-04	2.73E-08	9.52E-09	8.37E-04	1.32E-07	4.59E-08	2.01E-04	3.16E-08	1.10E-08	7.44E-04	1.17E-07	4.08E-08	9.05E-05	1.43E-08	4.97E-09
1119	482621.29, 3852849.74	8.03E-04	1.27E-07	4.41E-08	1.76E-04	2.77E-08	9.64E-09	8.33E-04	1.31E-07	4.57E-08	2.03E-04	3.20E-08	1.12E-08	7.38E-04	1.16E-07	4.05E-08	9.16E-05	1.44E-08	5.03E-09
1120	482577.42, 3852901.55	8.23E-04	1.30E-07	4.52E-08	1.76E-04	2.77E-08	9.64E-09	8.54E-04	1.34E-07	4.68E-08	2.03E-04	3.20E-08	1.12E-08	7.60E-04	1.20E-07	4.17E-08	9.17E-05	1.44E-08	5.03E-09
1121	482627.42, 3852901.55	8.20E-04	1.29E-07	4.50E-08	1.79E-04	2.82E-08	9.82E-09	8.51E-04	1.34E-07	4.67E-08	2.07E-04	3.26E-08	1.14E-08	7.54E-04	1.19E-07	4.14E-08	9.33E-05	1.47E-08	5.12E-09
1122	482629.96, 3852955.85	8.40E-04	1.32E-07	4.61E-08	1.81E-04	2.85E-08	9.93E-09	8.71E-04	1.37E-07	4.78E-08	2.09E-04	3.30E-08	1.15E-08	7.74E-04	1.22E-07	4.25E-08	9.44E-05	1.49E-08	5.18E-09
1123	482679.96, 3852955.85	8.37E-04	1.32E-07	4.59E-08	1.84E-04	2.90E-08	1.01E-08	8.69E-04	1.37E-07	4.77E-08	2.13E-04	3.36E-08	1.17E-08	7.69E-04	1.21E-07	4.22E-08	9.61E-05	1.51E-08	5.28E-09
1124	482781.63, 3853034.48	8.58E-04	1.35E-07	4.71E-08	1.94E-04	3.06E-08	1.07E-08	8.91E-04	1.40E-07	4.89E-08	2.25E-04	3.54E-08	1.23E-08	7.85E-04	1.24E-07	4.31E-08	1.01E-04	1.60E-08	5.56E-09
1125	482831.63, 3853034.48	8.51E-04	1.34E-07	4.67E-08	1.96E-04	3.09E-08	1.08E-08	8.84E-04	1.39E-07	4.85E-08	2.27E-04	3.57E-08	1.25E-08	7.76E-04	1.22E-07	4.26E-08	1.02E-04	1.61E-08	5.61E-09
1126	482881.63, 3853034.48	8.42E-04	1.33E-07	4.62E-08	1.97E-04	3.10E-08	1.08E-08	8.76E-04	1.38E-07	4.81E-08	2.28E-04	3.59E-08	1.25E-08	7.67E-04	1.21E-07	4.21E-08	1.03E-04	1.62E-08	5.63E-09
1127	482781.63, 3853084.48	8.80E-04	1.39E-07	4.83E-08	1.97E-04	3.10E-08	1.08E-08	9.14E-04	1.44E-07	5.01E-08	2.28E-04	3.59E-08	1.25E-08	8.06E-04	1.27E-07	4.42E-08	1.03E-04	1.62E-08	5.63E-09
1128	482831.63, 3853084.48	8.74E-04	1.38E-07	4.80E-08	2.00E-04	3.15E-08	1.10E-08	9.08E-04	1.43E-07	4.98E-08	2.31E-04	3.65E-08	1.27E-08	7.98E-04	1.26E-07	4.38E-08	1.04E-04	1.64E-08	5.72E-09
1129	482881.63, 3853084.48	8.67E-04	1.37E-07	4.76E-08	2.02E-04	3.18E-08	1.11E-08	9.02E-04	1.42E-07	4.95E-08	2.33E-04	3.68E-08	1.28E-08	7.90E-04	1.24E-07	4.33E-08	1.05E-04	1.66E-08	5.77E-09
1130	482781.63, 3853134.48	9.03E-04	1.42E-07	4.95E-08	1.98E-04	3.12E-08	1.09E-08	9.37E-04	1.48E-07	5.14E-08	2.29E-04	3.61E-08	1.26E-08	8.30E-04	1.31E-07	4.55E-08	1.03E-04	1.63E-08	5.67E-09
1131	482831.63, 3853134.48	8.98E-04	1.42E-07	4.93E-08	2.03E-04	3.19E-08	1.11E-08	9.33E-04	1.47E-07	5.12E-08	2.34E-04	3.69E-08	1.29E-08	8.22E-04	1.30E-07	4.51E-08	1.06E-04	1.66E-08	5.80E-09
1132	482881.63, 3853134.48	8.95E-04	1.41E-07	4.91E-08	2.05E-04	3.24E-08	1.13E-08	9.30E-04	1.47E-07	5.11E-08	2.38E-04	3.75E-08	1.31E-08	8.17E-04	1.29E-07	4.48E-08	1.07E-04	1.69E-08	5.88E-09
1133	482831.63, 3853184.48	9.22E-04	1.45E-07	5.06E-08	2.04E-04	3.21E-08	1.12E-08	9.57E-04	1.51E-07	5.25E-08	2.36E-04	3.72E-08	1.30E-08	8.47E-04	1.33E-07	4.65E-08	1.06E-04	1.68E-08	5.84E-09
1134	482881.63, 3853184.48	9.21E-04	1.45E-07	5.05E-08	2.08E-04	3.28E-08	1.14E-08	9.56E-04	1.51E-07	5.25E-08	2.41E-04	3.80E-08	1.32E-08	8.42E-04	1.33E-07	4.62E-08	1.09E-04	1.71E-08	5.96E-09
1135	484154.84, 3854250.98	1.16E-03	1.83E-07	6.38E-08	4.13E-04	6.50E-08	2.27E-08	1.23E-03	1.94E-07	6.77E-08	4.78E-04	7.53E-08	2.62E-08	9.71E-04	1.53E-07	5.33E-08	2.15E-04	3.39E-08	1.18E-08

1136	484204.84, 3854250.98	1.15E-03	1.81E-07	6.29E-08	3.97E-04	6.26E-08	2.18E-08	1.21E-03	1.91E-07	6.66E-08	4.60E-04	7.25E-08	2.52E-08	9.62E-04	1.52E-07	5.28E-08	2.07E-04	3.27E-08	1.14E-08
1137	484154.84, 3854300.98	1.19E-03	1.88E-07	6.55E-08	4.21E-04	6.64E-08	2.31E-08	1.27E-03	1.99E-07	6.95E-08	4.88E-04	7.68E-08	2.68E-08	9.97E-04	1.57E-07	5.47E-08	2.20E-04	3.47E-08	1.21E-08
1138	484204.84, 3854300.98	1.19E-03	1.87E-07	6.53E-08	4.11E-04	6.47E-08	2.26E-08	1.26E-03	1.98E-07	6.91E-08	4.76E-04	7.49E-08	2.61E-08	9.99E-04	1.57E-07	5.48E-08	2.15E-04	3.38E-08	1.18E-08
1139	484074.19, 3854519.8	1.54E-03	2.42E-07	8.44E-08	4.88E-04	7.68E-08	2.68E-08	1.62E-03	2.55E-07	8.89E-08	5.64E-04	8.89E-08	3.10E-08	1.32E-03	2.08E-07	7.23E-08	2.55E-04	4.02E-08	1.40E-08
1140	484124.19, 3854519.8	1.52E-03	2.40E-07	8.35E-08	4.83E-04	7.60E-08	2.65E-08	1.60E-03	2.53E-07	8.81E-08	5.58E-04	8.80E-08	3.06E-08	1.30E-03	2.06E-07	7.16E-08	2.52E-04	3.98E-08	1.39E-08
1141	484074.19, 3854569.8	1.65E-03	2.60E-07	9.07E-08	4.99E-04	7.85E-08	2.74E-08	1.74E-03	2.74E-07	9.54E-08	5.77E-04	9.09E-08	3.17E-08	1.43E-03	2.26E-07	7.86E-08	2.61E-04	4.11E-08	1.43E-08
1142	484124.19, 3854569.8	1.62E-03	2.55E-07	8.89E-08	4.87E-04	7.67E-08	2.67E-08	1.70E-03	2.68E-07	9.35E-08	5.63E-04	8.88E-08	3.09E-08	1.41E-03	2.21E-07	7.71E-08	2.55E-04	4.01E-08	1.40E-08
1143	485205.11, 3855188.89	1.10E-02	1.73E-06	6.03E-07	7.27E-03	1.15E-06	3.99E-07	1.22E-02	1.93E-06	6.72E-07	8.42E-03	1.33E-06	4.62E-07	7.12E-03	1.12E-06	3.91E-07	3.78E-03	5.95E-07	2.07E-07
1144	485255.11, 3855188.89	9.98E-03	1.57E-06	5.48E-07	6.44E-03	1.02E-06	3.54E-07	1.11E-02	1.75E-06	6.09E-07	7.46E-03	1.18E-06	4.10E-07	6.58E-03	1.04E-06	3.61E-07	3.35E-03	5.28E-07	1.84E-07
1145	485205.11, 3855238.89	1.27E-02	2.01E-06	6.99E-07	8.74E-03	1.38E-06	4.79E-07	1.42E-02	2.24E-06	7.82E-07	1.01E-02	1.59E-06	5.55E-07	8.07E-03	1.27E-06	4.43E-07	4.54E-03	7.15E-07	2.49E-07
1146	485255.11, 3855238.89	1.18E-02	1.86E-06	6.49E-07	7.95E-03	1.25E-06	4.36E-07	1.32E-02	2.08E-06	7.25E-07	9.21E-03	1.45E-06	5.05E-07	7.60E-03	1.20E-06	4.17E-07	4.13E-03	6.51E-07	2.27E-07
1147	485205.11, 3855288.89	1.63E-02	2.57E-06	8.96E-07	1.17E-02	1.85E-06	6.44E-07	1.84E-02	2.89E-06	1.01E-06	1.36E-02	2.14E-06	7.46E-07	1.00E-02	1.58E-06	5.50E-07	6.10E-03	9.61E-07	3.35E-07
1148	485255.11, 3855288.89	1.46E-02	2.30E-06	8.02E-07	1.02E-02	1.61E-06	5.61E-07	1.64E-02	2.58E-06	8.99E-07	1.18E-02	1.87E-06	6.50E-07	9.14E-03	1.44E-06	5.02E-07	5.31E-03	8.37E-07	2.92E-07
1149	485255.11, 3855338.89	1.82E-02	2.86E-06	9.96E-07	1.32E-02	2.07E-06	7.22E-07	2.04E-02	3.22E-06	1.12E-06	1.52E-02	2.40E-06	8.37E-07	1.11E-02	1.74E-06	6.08E-07	6.84E-03	1.08E-06	3.75E-07
1150	485305.11, 3855338.89	1.61E-02	2.54E-06	8.84E-07	1.14E-02	1.79E-06	6.25E-07	1.81E-02	2.85E-06	9.92E-07	1.32E-02	2.08E-06	7.24E-07	1.00E-02	1.57E-06	5.49E-07	5.92E-03	9.32E-07	3.25E-07
1151	485852.5, 3855635.28	1.55E-02	2.44E-06	8.49E-07	1.00E-02	1.58E-06	5.50E-07	1.72E-02	2.71E-06	9.44E-07	1.16E-02	1.83E-06	6.38E-07	1.02E-02	1.60E-06	5.57E-07	5.21E-03	8.21E-07	2.86E-07
1152	485902.5, 3855635.28	1.44E-02	2.27E-06	7.90E-07	9.17E-03	1.44E-06	5.03E-07	1.60E-02	2.52E-06	8.77E-07	1.06E-02	1.67E-06	5.83E-07	9.56E-03	1.51E-06	5.24E-07	4.76E-03	7.51E-07	2.61E-07
1153	485852.5, 3855685.28	1.70E-02	2.68E-06	9.32E-07	1.12E-02	1.76E-06	6.14E-07	1.89E-02	2.98E-06	1.04E-06	1.30E-02	2.04E-06	7.11E-07	1.11E-02	1.74E-06	6.07E-07	5.81E-03	9.16E-07	3.19E-07
1154	485902.5, 3855685.28	1.57E-02	2.48E-06	8.63E-07	1.02E-02	1.60E-06	5.57E-07	1.75E-02	2.75E-06	9.59E-07	1.18E-02	1.85E-06	6.45E-07	1.04E-02	1.63E-06	5.68E-07	5.28E-03	8.31E-07	2.90E-07
1155	485852.5, 3855735.28	1.88E-02	2.96E-06	1.03E-06	1.26E-02	1.98E-06	6.89E-07	2.09E-02	3.30E-06	1.15E-06	1.45E-02	2.29E-06	7.98E-07	1.21E-02	1.91E-06	6.64E-07	6.53E-03	1.03E-06	3.58E-07
1156	485902.5, 3855735.28	1.74E-02	2.74E-06	9.56E-07	1.14E-02	1.80E-06	6.27E-07	1.94E-02	3.05E-06	1.06E-06	1.32E-02	2.08E-06	7.26E-07	1.14E-02	1.79E-06	6.24E-07	5.94E-03	9.35E-07	3.26E-07
1157	485852.5, 3855785.28	2.12E-02	3.33E-06	1.16E-06	1.44E-02	2.27E-06	7.91E-07	2.36E-02	3.72E-06	1.30E-06	1.67E-02	2.63E-06	9.16E-07	1.35E-02	2.12E-06	7.39E-07	7.49E-03	1.18E-06	4.11E-07
1158	485902.5, 3855785.28	1.91E-02	3.02E-06	1.05E-06	1.27E-02	2.01E-06	7.00E-07	2.13E-02	3.36E-06	1.17E-06	1.48E-02	2.33E-06	8.10E-07	1.24E-02	1.95E-06	6.79E-07	6.63E-03	1.04E-06	3.64E-07
1159	486809.46, 3856465.28	1.94E-02	3.05E-06	1.06E-06	1.13E-02	1.78E-06	6.22E-07	2.13E-02	3.36E-06	1.17E-06	1.31E-02	2.07E-06	7.20E-07	1.35E-02	2.13E-06	7.41E-07	5.89E-03	9.27E-07	3.23E-07
1160	486859.46, 3856465.28	1.86E-02	2.93E-06	1.02E-06	1.07E-02	1.68E-06	5.86E-07	2.04E-02	3.22E-06	1.12E-06	1.24E-02	1.95E-06	6.79E-07	1.31E-02	2.06E-06	7.17E-07	5.55E-03	8.74E-07	3.05E-07
1161	486909.46, 3856465.28	1.79E-02	2.81E-06	9.80E-07	1.01E-02	1.59E-06	5.53E-07	1.96E-02	3.09E-06	1.08E-06	1.17E-02	1.84E-06	6.40E-07	1.27E-02	1.99E-06	6.95E-07	5.23E-03	8.25E-07	2.87E-07
1162	486809.46, 3856515.28	2.08E-02	3.28E-06	1.14E-06	1.24E-02	1.95E-06	6.80E-07	2.29E-02	3.61E-06	1.26E-06	1.43E-02	2.26E-06	7.87E-07	1.43E-02	2.26E-06	7.87E-07	6.44E-03	1.01E-06	3.53E-07
1163	486859.46, 3856515.28	1.99E-02	3.14E-06	1.09E-06	1.16E-02	1.83E-06	6.38E-07	2.19E-02	3.45E-06	1.20E-06	1.35E-02	2.12E-06	7.39E-07	1.39E-02	2.19E-06	7.62E-07	6.04E-03	9.51E-07	3.31E-07
1164	486909.46, 3856515.28	1.91E-02	3.00E-06	1.05E-06	1.09E-02	1.72E-06	5.99E-07	2.10E-02	3.30E-06	1.15E-06	1.26E-02	1.99E-06	6.94E-07	1.34E-02	2.11E-06	7.36E-07	5.67E-03	8.94E-07	3.11E-07
1165	486980.94, 3856357.95	1.51E-02	2.38E-06	8.30E-07	8.13E-03	1.28E-06	4.46E-07	1.65E-02	2.60E-06	9.07E-07	9.41E-03	1.48E-06	5.17E-07	1.10E-02	1.73E-06	6.01E-07	4.22E-03	6.66E-07	2.32E-07
1166	487030.94, 3856357.95	1.47E-02	2.31E-06	8.06E-07	7.79E-03	1.23E-06	4.28E-07	1.60E-02	2.53E-06	8.80E-07	9.02E-03	1.42E-06	4.95E-07	1.07E-02	1.69E-06	5.88E-07	4.05E-03	6.38E-07	2.22E-07
1167	486980.94, 3856407.95	1.60E-02	2.52E-06	8.76E-07	8.67E-03	1.37E-06	4.76E-07	1.75E-02	2.75E-06	9.58E-07	1.00E-02	1.58E-06	5.51E-07	1.15E-02	1.81E-06	6.32E-07	4.51E-03	7.10E-07	2.47E-07
1168	487030.94, 3856407.95	1.55E-02	2.44E-06	8.49E-07	8.28E-03	1.30E-06	4.55E-07	1.69E-02	2.66E-06	9.27E-07	9.59E-03	1.51E-06	5.26E-07	1.12E-02	1.77E-06	6.17E-07	4.31E-03	6.78E-07	2.36E-07
1169	487447.18, 3856437.45	1.29E-02	2.03E-06	7.06E-07	6.20E-03	9.76E-07	3.40E-07	1.39E-02	2.20E-06	7.65E-07	7.18E-03	1.13E-06	3.94E-07	9.77E-03	1.54E-06	5.36E-07	3.22E-03	5.07E-07	1.77E-07
1170	487497.18, 3856437.45	1.26E-02	1.99E-06	6.92E-07	5.99E-03	9.44E-07	3.29E-07	1.36E-02	2.15E-06	7.48E-07	6.94E-03	1.09E-06	3.81E-07	9.62E-03	1.51E-06	5.28E-07	3.11E-03	4.91E-07	1.71E-07
1171	487547.18, 3856437.45	1.24E-02	1.95E-06	6.78E-07	5.80E-03	9.13E-07	3.18E-07	1.34E-02	2.10E-06	7.33E-07	6.71E-03	1.06E-06	3.68E-07	9.47E-03	1.49E-06	5.20E-07	3.01E-03	4.75E-07	1.65E-07
1172	487447.18, 3856487.45	1.34E-02	2.11E-06	7.34E-07	6.47E-03	1.02E-06	3.55E-07	1.45E-02	2.28E-06	7.96E-07	7.50E-03	1.18E-06	4.11E-07	1.01E-02	1.60E-06	5.57E-07	3.36E-03	5.30E-07	1.85E-07
1173	487497.18, 3856487.45	1.31E-02	2.06E-06	7.18E-07	6.24E-03	9.84E-07	3.43E-07	1.42E-02	2.23E-06	7.77E-07	7.23E-03	1.14E-06	3.97E-07	9.96E-03	1.57E-06	5.47E-07	3.25E-03	5.11E-07	1.78E-07
1174	487547.18, 3856487.45	1.28E-02	2.02E-06	7.04E-07	6.05E-03	9.53E-07	3.32E-07	1.39E-02	2.19E-06	7.61E-07	7.01E-03	1.10E-06	3.85E-07	9.82E-03	1.55E-06	5.39E-07	3.15E-03	4.95E-07	1.73E-07
1175	487447.18, 3856537.45	1.39E-02	2.19E-06	7.64E-07	6.78E-03	1.07E-06	3.72E-07	1.51E-02	2.38E-06	8.28E-07	7.85E-03	1.24E-06	4.31E-07	1.05E-02	1.66E-06	5.78E-07	3.53E-03	5.55E-07	1.93E-07
1176	487497.18, 3856537.45	1.36E-02	2.14E-06	7.46E-07	6.52E-03	1.03E-06	3.58E-07	1.47E-02	2.32E-06	8.07E-07	7.56E-03	1.19E-06	4.15E-07	1.03E-02	1.63E-06	5.67E-07	3.39E-03	5.34E-07	1.86E-07
1177	487547.18, 3856537.45	1.33E-02	2.09E-06	7.30E-07	6.29E-03	9.91E-07	3.45E-07	1.44E-02	2.26E-06	7.89E-07	7.28E-03	1.15E-06	4.00E-07	1.02E-02	1.60E-06	5.58E-07	3.27E-03	5.15E-07	1.79E-07
1178	489285.89, 3858826.54	2.18E-02	3.43E-06	1.20E-06	4.00E-04	6.30E-08	2.20E-08	2.18E-02	3.44E-06	1.20E-06	4.62E-04	7.27E-08	2.53E-08	2.27E-02	3.58E-06	1.25E-06	2.13E-04	3.35E-08	1.17E-08
1179	489335.89, 3858826.54	2.12E-02	3.34E-06	1.16E-06	3.98E-04	6.28E-08	2.19E-08	2.13E-02	3.35E-06	1.17E-06	4.60E-04	7.24E-08	2.52E-08	2.21E-02	3.48E-06	1.21E-06	2.12E-04	3.34E-08	1.16E-08
1180	489385.89, 3858826.54	2.06E-02	3.25E-06	1.13E-06	3.97E-04	6.26E-08	2.18E-08	2.07E-02	3.26E-06	1.14E-06	4.59E-04	7.22E-08	2.52E-08	2.15E-02	3.39E-06	1.18E-06	2.12E-04	3.33E-08	1.16E-08
1181	489435.89, 3858826.54	2.01E-02	3.17E-06	1.10E-06	3.97E-04	6.25E-08	2.18E-08	2.02E-02	3.18E-06	1.11E-06	4.58E-04	7.21E-08	2.51E-08	2.10E-02	3.30E-06	1.15E-06	2.11E-04	3.33E-08	1.16E-08
1182	489485.89, 3858826.54	1.96E-02	3.09E-06	1.08E-06	3.96E-04	6.25E-08	2.18E-08	1.97E-02	3.10E-06	1.08E-06	4.58E-04	7.21E-08	2.51E-08	2.04E-02	3.22E-06	1.12E-06	2.11E-04	3.33E-08	1.16E-08
1183	489535.89, 3858826.54	1.91E-02	3.01E-06	1.05E-06	3.97E-04	6.25E-08	2.18E-08	1.92E-02	3.02E-06	1.05E-06	4.58E-04	7.21E-08	2.51E-08	1.99E-02	3.14E-06	1.09E-06	2.11E-04	3.33E-08	1.16E-08
1184	489585.89, 3858826.54	1.87E-02	2.94E-06	1.03E-06	3.97E-04	6.26E-08	2.18E-08	1.88E-02	2.95E-06	1.03E-06	4.58E-04	7.22E-08	2.52E-08	1.95E-02	3.07E-06	1.07E-06	2.11E-04	3.33E-08	1.16E-08
1185	489635.89, 3858826.54	1.82E-02	2.87E-06	1.00E-06	3.98E-04	6.27E-08	2.18E-08	1.83E-02	2.88E-06	1.00E-06	4.59E-04	7.24E-08	2.52E-08	1.90E-02	2.99E-06	1.04E-06	2.12E-04	3.34E-08	1.16E-08
1186	489685.89, 3858826.54	1.78E-02	2.81E-06	9.78E-07	3.99E-04	6.29E-08	2.19E-08	1.79E-02	2.82E-06	9.81E-07	4.61E-04	7.26E-08	2.53E-08	1.85E-02	2.92E-06	1.02E-06	2.13E-04	3.35E-08	1.17E-08
1187	489735.89, 3858826.54	1.74E-02	2.74E-06	9.55E-07	4.01E-04	6.32E-08	2.20E-08	1.75E-02	2.75E-06	9.59E-07	4.63E-04	7.29E-08	2.54E-08	1.81E-02	2.85E-06	9.93E-07	2.13E-04	3.36E-08	1.17E-08
1188	489785.89, 3858826.54	1.70E-02	2.68E-06	9.35E-07	4.03E-04	6.34E-08	2.21E-08	1.71E-02	2.69E-06	9.38E-07	4.65E-04	7.32E-08	2.55E-08	1.77E-02	2.79E-06	9.72E-07	2.14E-04	3.38E-08	1.18E-08
1189	489835.89, 3858826.54	1.66E-02	2.62E-06	9.13E-07	4.05E-04	6.38E-08	2.22E-08	1.67E-02	2.63E-06	9.17E-07	4.67E-04	7.36E-08	2.56E-08	1.73E-02	2.73E-06	9.49E-07	2.15E-04	3.39E-08	1.18E-08
1190	489885.89, 3858826.54	1.63E-02	2.57E-06	8.95E-07	4.07E-04	6.41E-08	2.23E-08	1.64E-02	2.58E-06	8.99E-07	4.69E-04	7.40E-08	2.58E-08	1.69E-02	2.67E-06	9.30E-07	2.16E-04	3.41E-08	1.19E-08
1191	489935.89, 3858826.54	1.60E-02	2.52E-06	8.77E-07	4.09E-04	6.44E-08	2.24E-08	1.60E-02	2.53E-06	8.81E-07	4.72E-04	7.44E-08	2.59E-08	1.66E-02	2.61E-06	9.11E-07	2.18E-04	3.43E-08	1.19E-08
1192	489985.89, 3858826.54	1.56E-02	2.47E-06	8.59E-07	4.11E-04	6.48E-08	2.26E-08	1.57E-02	2.48E-06	8.63E-07	4.75E-04	7.48E-08	2.61E-08	1.62E-02	2.56E-06	8.92E-07	2.19E-04	3.45E-08	1.20E-08
1193	490035.89, 3858826.54	1.53E-02	2.41E-06	8.40E-07	4.14E-04	6.52E-08	2.27E-08	1.54E-02	2.42E-06	8.44E-07	4.78E-04	7.53E-08	2.62E-08	1.59E-02	2.50E-06	8.71E-07	2.20E-04	3.47E-08	1.21E-08
1194	489285.89, 3858876.54	2.33E-02	3.67E-06	1.28E-06	3.89E-04	6.13E-08	2.14E-08	2.34E-02	3.68E-06	1.28E-06	4.49E-04	7.08E-08	2.47E-08	2.43E-02	3.83E-06	1.34E-06	2.07E-04	3.27E-08	1.14E-08
1195	489335.89, 3858876.54	2.26E-02	3.55E-06	1.24E-06	3.87E-04	6.10E-08	2.13E-08	2.26E-02	3.57E-06	1.24E-06	4.47E-04	7.04E-08	2.45E-08	2.36E-02	3.71E-06	1.29E-06	2.06E-04	3.25E-08	1.13E-08
1196	489385.89, 3858876.54	2.19E-02	3.45E-06	1.20E-06	3.86E-04	6.07E-08	2.12E-08	2.20E-02	3.46E-06	1.21E-06	4.45E-04	7.01E-08	2.44E-08	2.29E-02	3.60E-06	1.25E-06	2.05E-04	3.24E-08	1.13E-08
1197	489435.89, 3858876.54	2.13E-02	3.35E-06	1.17E-06	3.84E-04	6.05E-08	2.11E-08	2.13E-02	3.36E-06	1.17E-06	4.43E-04	6.99E-08	2.43E-08	2.22E-02	3.50E-06	1.22E-06	2.05E-04	3.23E-08	1.12E-08
1198	489485.89, 3858876.54	2.07E-02	3.26E-06	1.13E-06	3.83E-04	6.04E-08	2.10E-08	2.07E-02	3.27E-06	1.14E-06	4.42E-04	6.97E-08	2.43E-08	2.16E-02	3.40E-06	1.18E-06	2.04E-04	3.22E-08	1.12E-08
1199	489535.89, 3858876.54	2.01E-02	3.17E-06	1.10E-06	3.83E-04	6.03E-08	2.10E-08	2.02E-02	3.18E-06	1.11E-06	4.42E-04	6.96E-08	2.43E-08	2.10E-02	3.30E-06	1.15E-06	2.04E-04	3.21E-08	1.12E-08
1200	489585.89, 3858876.54	1.96E-02	3.08E-06	1.07E-06	3.83E-04	6.04E-08	2.10E-08	1.96E-02	3.09E-06	1.08E-06	4.42E-04	6.97E-08	2.43E-08	2.04E-02	3.21E-06	1.12E-06	2.04E-04	3.22E-08	1.12E-08
1201	489635.89, 3858876.54	1.91E-02	3.00E-06	1.05E-06	3.83E-04	6.04E-08	2.10E-08	1.91E-02	3.01E-06	1.05E-06	4.42E-04	6.97E-08	2.43E-08	1.99E-02	3.13E-06	1.09E-06	2.04E-04	3.22E-08	1.12E-08
1202	489685.89, 3858876.54	1.86E-02	2.93E-06	1.02E-06	3.84E-04	6.05E-08	2.11E-08	1.86E-02	2.94E-06	1.02E-06	4.43E-04	6.98E-08	2.43E-08	1.93E-02	3.05E-06	1.06E-06	2.05E-04	3.22E-08	1.12E-08

1203	489735.89, 3858876.54	1.81E-02	2.85E-06	9.93E-07	3.85E-04	6.07E-08	2.11E-08	1.82E-02	2.86E-06	9.97E-07	4.44E-04	7.00E-08	2.44E-08	1.88E-02	2.97E-06	1.03E-06	2.05E-04	3.23E-08	1.13E-08
1204	489785.89, 3858876.54	1.77E-02	2.78E-06	9.70E-07	3.86E-04	6.09E-08	2.12E-08	1.77E-02	2.79E-06	9.73E-07	4.46E-04	7.02E-08	2.45E-08	1.84E-02	2.90E-06	1.01E-06	2.06E-04	3.24E-08	1.13E-08
1205	489835.89, 3858876.54	1.72E-02	2.72E-06	9.46E-07	3.88E-04	6.11E-08	2.13E-08	1.73E-02	2.73E-06	9.50E-07	4.48E-04	7.05E-08	2.46E-08	1.79E-02	2.83E-06	9.85E-07	2.07E-04	3.25E-08	1.13E-08
1206	489885.89, 3858876.54	1.69E-02	2.66E-06	9.27E-07	3.89E-04	6.13E-08	2.14E-08	1.70E-02	2.67E-06	9.30E-07	4.49E-04	7.08E-08	2.47E-08	1.76E-02	2.77E-06	9.64E-07	2.07E-04	3.27E-08	1.14E-08
1207	489935.89, 3858876.54	1.65E-02	2.60E-06	9.05E-07	3.92E-04	6.17E-08	2.15E-08	1.66E-02	2.61E-06	9.09E-07	4.52E-04	7.12E-08	2.48E-08	1.71E-02	2.70E-06	9.41E-07	2.08E-04	3.28E-08	1.14E-08
1208	489985.89, 3858876.54	1.61E-02	2.54E-06	8.84E-07	3.94E-04	6.20E-08	2.16E-08	1.62E-02	2.55E-06	8.87E-07	4.55E-04	7.16E-08	2.49E-08	1.67E-02	2.64E-06	9.18E-07	2.10E-04	3.30E-08	1.15E-08
1209	490035.89, 3858876.54	1.57E-02	2.48E-06	8.63E-07	3.96E-04	6.24E-08	2.17E-08	1.58E-02	2.49E-06	8.67E-07	4.57E-04	7.20E-08	2.51E-08	1.63E-02	2.57E-06	8.97E-07	2.11E-04	3.32E-08	1.16E-08
1210	489285.89, 3858926.54	2.49E-02	3.92E-06	1.36E-06	3.80E-04	5.98E-08	2.08E-08	2.49E-02	3.93E-06	1.37E-06	4.38E-04	6.90E-08	2.40E-08	2.60E-02	4.10E-06	1.43E-06	2.02E-04	3.19E-08	1.11E-08
1211	489335.89, 3858926.54	2.40E-02	3.78E-06	1.32E-06	3.77E-04	5.94E-08	2.07E-08	2.41E-02	3.79E-06	1.32E-06	4.35E-04	6.86E-08	2.39E-08	2.51E-02	3.95E-06	1.38E-06	2.01E-04	3.17E-08	1.10E-08
1212	489385.89, 3858926.54	2.32E-02	3.65E-06	1.27E-06	3.75E-04	5.91E-08	2.06E-08	2.32E-02	3.66E-06	1.27E-06	4.33E-04	6.82E-08	2.38E-08	2.42E-02	3.81E-06	1.33E-06	2.00E-04	3.15E-08	1.10E-08
1213	489435.89, 3858926.54	2.24E-02	3.53E-06	1.23E-06	3.74E-04	5.88E-08	2.05E-08	2.25E-02	3.54E-06	1.23E-06	4.31E-04	6.79E-08	2.37E-08	2.34E-02	3.69E-06	1.29E-06	1.99E-04	3.14E-08	1.09E-08
1214	489485.89, 3858926.54	2.17E-02	3.42E-06	1.19E-06	3.72E-04	5.86E-08	2.04E-08	2.18E-02	3.43E-06	1.20E-06	4.29E-04	6.76E-08	2.36E-08	2.27E-02	3.57E-06	1.24E-06	1.98E-04	3.13E-08	1.09E-08
1215	489535.89, 3858926.54	2.11E-02	3.32E-06	1.16E-06	3.71E-04	5.85E-08	2.04E-08	2.11E-02	3.33E-06	1.16E-06	4.28E-04	6.75E-08	2.35E-08	2.20E-02	3.46E-06	1.21E-06	1.98E-04	3.12E-08	1.09E-08
1216	489585.89, 3858926.54	2.04E-02	3.22E-06	1.12E-06	3.71E-04	5.84E-08	2.03E-08	2.05E-02	3.23E-06	1.13E-06	4.28E-04	6.74E-08	2.35E-08	2.13E-02	3.36E-06	1.17E-06	1.98E-04	3.11E-08	1.08E-08
1217	489635.89, 3858926.54	1.99E-02	3.13E-06	1.09E-06	3.70E-04	5.83E-08	2.03E-08	1.99E-02	3.14E-06	1.09E-06	4.27E-04	6.73E-08	2.35E-08	2.07E-02	3.26E-06	1.14E-06	1.97E-04	3.11E-08	1.08E-08
1218	489685.89, 3858926.54	1.93E-02	3.04E-06	1.06E-06	3.71E-04	5.84E-08	2.03E-08	1.94E-02	3.05E-06	1.06E-06	4.28E-04	6.74E-08	2.35E-08	2.01E-02	3.17E-06	1.10E-06	1.98E-04	3.11E-08	1.08E-08
1219	489735.89, 3858926.54	1.88E-02	2.96E-06	1.03E-06	3.71E-04	5.84E-08	2.04E-08	1.89E-02	2.97E-06	1.03E-06	4.28E-04	6.74E-08	2.35E-08	1.96E-02	3.09E-06	1.08E-06	1.98E-04	3.11E-08	1.08E-08
1220	489785.89, 3858926.54	1.83E-02	2.89E-06	1.01E-06	3.72E-04	5.85E-08	2.04E-08	1.84E-02	2.90E-06	1.01E-06	4.29E-04	6.75E-08	2.35E-08	1.91E-02	3.01E-06	1.05E-06	1.98E-04	3.12E-08	1.09E-08
1221	489835.89, 3858926.54	1.78E-02	2.81E-06	9.79E-07	3.73E-04	5.87E-08	2.05E-08	1.79E-02	2.82E-06	9.83E-07	4.30E-04	6.77E-08	2.36E-08	1.86E-02	2.93E-06	1.02E-06	1.99E-04	3.13E-08	1.09E-08
1222	489885.89, 3858926.54	1.74E-02	2.74E-06	9.56E-07	3.74E-04	5.89E-08	2.05E-08	1.75E-02	2.75E-06	9.60E-07	4.31E-04	6.80E-08	2.37E-08	1.81E-02	2.86E-06	9.96E-07	1.99E-04	3.14E-08	1.09E-08
1223	489935.89, 3858926.54	1.70E-02	2.68E-06	9.33E-07	3.75E-04	5.91E-08	2.06E-08	1.71E-02	2.69E-06	9.36E-07	4.33E-04	6.83E-08	2.38E-08	1.77E-02	2.79E-06	9.71E-07	2.00E-04	3.15E-08	1.10E-08
1224	489985.89, 3858926.54	1.66E-02	2.61E-06	9.09E-07	3.77E-04	5.95E-08	2.07E-08	1.66E-02	2.62E-06	9.13E-07	4.36E-04	6.86E-08	2.39E-08	1.72E-02	2.72E-06	9.46E-07	2.01E-04	3.17E-08	1.10E-08
1225	490035.89, 3858926.54	1.61E-02	2.54E-06	8.84E-07	3.80E-04	5.99E-08	2.09E-08	1.62E-02	2.55E-06	8.87E-07	4.39E-04	6.91E-08	2.41E-08	1.68E-02	2.64E-06	9.19E-07	2.02E-04	3.18E-08	1.11E-08
1226	489335.89, 3858976.54	2.53E-02	3.99E-06	1.39E-06	3.69E-04	5.81E-08	2.02E-08	2.54E-02	4.00E-06	1.39E-06	4.25E-04	6.70E-08	2.33E-08	2.65E-02	4.18E-06	1.45E-06	1.97E-04	3.10E-08	1.08E-08
1227	489385.89, 3858976.54	2.44E-02	3.84E-06	1.34E-06	3.66E-04	5.77E-08	2.01E-08	2.44E-02	3.85E-06	1.34E-06	4.23E-04	6.66E-08	2.32E-08	2.55E-02	4.01E-06	1.40E-06	1.95E-04	3.08E-08	1.07E-08
1228	489435.89, 3858976.54	2.35E-02	3.71E-06	1.29E-06	3.64E-04	5.73E-08	2.00E-08	2.36E-02	3.72E-06	1.30E-06	4.20E-04	6.61E-08	2.30E-08	2.46E-02	3.88E-06	1.35E-06	1.94E-04	3.06E-08	1.07E-08
1229	489485.89, 3858976.54	2.27E-02	3.58E-06	1.25E-06	3.62E-04	5.70E-08	1.99E-08	2.28E-02	3.59E-06	1.25E-06	4.18E-04	6.58E-08	2.29E-08	2.37E-02	3.74E-06	1.30E-06	1.93E-04	3.04E-08	1.06E-08
1230	489535.89, 3858976.54	2.20E-02	3.46E-06	1.20E-06	3.61E-04	5.68E-08	1.98E-08	2.20E-02	3.47E-06	1.21E-06	4.16E-04	6.56E-08	2.28E-08	2.29E-02	3.61E-06	1.26E-06	1.92E-04	3.03E-08	1.06E-08
1231	489585.89, 3858976.54	2.13E-02	3.35E-06	1.17E-06	3.59E-04	5.66E-08	1.97E-08	2.13E-02	3.36E-06	1.17E-06	4.15E-04	6.53E-08	2.28E-08	2.22E-02	3.50E-06	1.22E-06	1.92E-04	3.02E-08	1.05E-08
1232	489635.89, 3858976.54	2.06E-02	3.25E-06	1.13E-06	3.59E-04	5.65E-08	1.97E-08	2.07E-02	3.26E-06	1.14E-06	4.14E-04	6.52E-08	2.27E-08	2.15E-02	3.39E-06	1.18E-06	1.91E-04	3.01E-08	1.05E-08
1233	489685.89, 3858976.54	2.00E-02	3.15E-06	1.10E-06	3.59E-04	5.65E-08	1.97E-08	2.01E-02	3.16E-06	1.10E-06	4.14E-04	6.52E-08	2.27E-08	2.09E-02	3.29E-06	1.15E-06	1.91E-04	3.01E-08	1.05E-08
1234	489735.89, 3858976.54	1.94E-02	3.06E-06	1.07E-06	3.58E-04	5.65E-08	1.97E-08	1.95E-02	3.07E-06	1.07E-06	4.13E-04	6.51E-08	2.27E-08	2.03E-02	3.19E-06	1.11E-06	1.91E-04	3.01E-08	1.05E-08
1235	489785.89, 3858976.54	1.89E-02	2.98E-06	1.04E-06	3.58E-04	5.65E-08	1.97E-08	1.90E-02	2.99E-06	1.04E-06	4.14E-04	6.51E-08	2.27E-08	1.97E-02	3.11E-06	1.08E-06	1.91E-04	3.01E-08	1.05E-08
1236	489835.89, 3858976.54	1.84E-02	2.91E-06	1.01E-06	3.59E-04	5.65E-08	1.97E-08	1.85E-02	2.92E-06	1.02E-06	4.14E-04	6.52E-08	2.27E-08	1.92E-02	3.03E-06	1.06E-06	1.91E-04	3.01E-08	1.05E-08
1237	489885.89, 3858976.54	1.79E-02	2.82E-06	9.83E-07	3.60E-04	5.67E-08	1.98E-08	1.80E-02	2.83E-06	9.86E-07	4.15E-04	6.54E-08	2.28E-08	1.87E-02	2.94E-06	1.02E-06	1.92E-04	3.02E-08	1.05E-08
1238	489935.89, 3858976.54	1.74E-02	2.75E-06	9.57E-07	3.61E-04	5.69E-08	1.98E-08	1.75E-02	2.76E-06	9.60E-07	4.17E-04	6.57E-08	2.29E-08	1.82E-02	2.86E-06	9.97E-07	1.92E-04	3.03E-08	1.06E-08
1239	489985.89, 3858976.54	1.70E-02	2.68E-06	9.33E-07	3.63E-04	5.71E-08	1.99E-08	1.71E-02	2.69E-06	9.36E-07	4.18E-04	6.59E-08	2.30E-08	1.77E-02	2.79E-06	9.71E-07	1.93E-04	3.04E-08	1.06E-08
1240	490035.89, 3858976.54	1.63E-02	2.57E-06	8.96E-07	3.66E-04	5.76E-08	2.01E-08	1.64E-02	2.58E-06	8.99E-07	4.22E-04	6.65E-08	2.32E-08	1.70E-02	2.68E-06	9.32E-07	1.95E-04	3.07E-08	1.07E-08
1241	489385.89, 3859026.54	2.55E-02	4.01E-06	1.40E-06	3.58E-04	5.64E-08	1.96E-08	2.55E-02	4.02E-06	1.40E-06	4.13E-04	6.51E-08	2.27E-08	2.67E-02	4.20E-06	1.46E-06	1.91E-04	3.01E-08	1.05E-08
1242	489435.89, 3859026.54	2.45E-02	3.86E-06	1.34E-06	3.56E-04	5.60E-08	1.95E-08	2.46E-02	3.87E-06	1.35E-06	4.10E-04	6.46E-08	2.25E-08	2.56E-02	4.04E-06	1.41E-06	1.90E-04	2.99E-08	1.04E-08
1243	489485.89, 3859026.54	2.36E-02	3.72E-06	1.30E-06	3.53E-04	5.57E-08	1.94E-08	2.37E-02	3.73E-06	1.30E-06	4.08E-04	6.42E-08	2.24E-08	2.47E-02	3.89E-06	1.35E-06	1.89E-04	2.97E-08	1.04E-08
1244	489535.89, 3859026.54	2.28E-02	3.59E-06	1.25E-06	3.51E-04	5.54E-08	1.93E-08	2.28E-02	3.60E-06	1.25E-06	4.05E-04	6.39E-08	2.23E-08	2.38E-02	3.75E-06	1.31E-06	1.88E-04	2.96E-08	1.03E-08
1245	489585.89, 3859026.54	2.20E-02	3.47E-06	1.21E-06	3.50E-04	5.51E-08	1.92E-08	2.21E-02	3.47E-06	1.21E-06	4.04E-04	6.36E-08	2.22E-08	2.30E-02	3.62E-06	1.26E-06	1.87E-04	2.94E-08	1.03E-08
1246	489635.89, 3859026.54	2.13E-02	3.36E-06	1.17E-06	3.49E-04	5.49E-08	1.91E-08	2.14E-02	3.36E-06	1.17E-06	4.02E-04	6.34E-08	2.21E-08	2.23E-02	3.51E-06	1.22E-06	1.86E-04	2.93E-08	1.02E-08
1247	489685.89, 3859026.54	2.06E-02	3.25E-06	1.13E-06	3.48E-04	5.48E-08	1.91E-08	2.07E-02	3.26E-06	1.14E-06	4.01E-04	6.32E-08	2.20E-08	2.16E-02	3.40E-06	1.18E-06	1.86E-04	2.92E-08	1.02E-08
1248	489735.89, 3859026.54	2.00E-02	3.16E-06	1.10E-06	3.47E-04	5.47E-08	1.90E-08	2.01E-02	3.17E-06	1.10E-06	4.00E-04	6.31E-08	2.20E-08	2.09E-02	3.30E-06	1.15E-06	1.85E-04	2.92E-08	1.02E-08
1249	489785.89, 3859026.54	1.95E-02	3.07E-06	1.07E-06	3.47E-04	5.46E-08	1.90E-08	1.95E-02	3.08E-06	1.07E-06	4.00E-04	6.30E-08	2.20E-08	2.03E-02	3.20E-06	1.12E-06	1.85E-04	2.91E-08	1.02E-08
1250	489835.89, 3859026.54	1.89E-02	2.98E-06	1.04E-06	3.47E-04	5.47E-08	1.90E-08	1.90E-02	2.99E-06	1.04E-06	4.00E-04	6.31E-08	2.20E-08	1.97E-02	3.11E-06	1.08E-06	1.85E-04	2.92E-08	1.02E-08
1251	489885.89, 3859026.54	1.84E-02	2.89E-06	1.01E-06	3.47E-04	5.47E-08	1.91E-08	1.84E-02	2.90E-06	1.01E-06	4.01E-04	6.32E-08	2.20E-08	1.92E-02	3.02E-06	1.05E-06	1.85E-04	2.92E-08	1.02E-08
1252	489935.89, 3859026.54	1.78E-02	2.81E-06	9.79E-07	3.48E-04	5.49E-08	1.91E-08	1.79E-02	2.82E-06	9.83E-07	4.02E-04	6.33E-08	2.21E-08	1.86E-02	2.93E-06	1.02E-06	1.86E-04	2.93E-08	1.02E-08
1253	489985.89, 3859026.54	1.74E-02	2.73E-06	9.52E-07	3.49E-04	5.50E-08	1.92E-08	1.74E-02	2.74E-06	9.56E-07	4.03E-04	6.35E-08	2.21E-08	1.81E-02	2.85E-06	9.93E-07	1.86E-04	2.93E-08	1.02E-08
1254	490035.89, 3859026.54	1.66E-02	2.61E-06	9.10E-07	3.52E-04	5.55E-08	1.93E-08	1.66E-02	2.62E-06	9.13E-07	4.07E-04	6.40E-08	2.23E-08	1.73E-02	2.72E-06	9.48E-07	1.88E-04	2.96E-08	1.03E-08
1255	489485.89, 3859076.54	2.44E-02	3.84E-06	1.34E-06	3.46E-04	5.45E-08	1.90E-08	2.44E-02	3.85E-06	1.34E-06	3.99E-04	6.28E-08	2.19E-08	2.55E-02	4.02E-06	1.40E-06	1.85E-04	2.91E-08	1.01E-08
1256	489535.89, 3859076.54	2.35E-02	3.70E-06	1.29E-06	3.44E-04	5.41E-08	1.89E-08	2.35E-02	3.71E-06	1.29E-06	3.96E-04	6.24E-08	2.17E-08	2.45E-02	3.87E-06	1.35E-06	1.84E-04	2.89E-08	1.01E-08
1257	489585.89, 3859076.54	2.26E-02	3.56E-06	1.24E-06	3.42E-04	5.38E-08	1.87E-08	2.27E-02	3.57E-06	1.25E-06	3.94E-04	6.21E-08	2.16E-08	2.37E-02	3.73E-06	1.30E-06	1.83E-04	2.88E-08	1.00E-08
1258	489635.89, 3859076.54	2.19E-02	3.45E-06	1.20E-06	3.40E-04	5.35E-08	1.86E-08	2.20E-02	3.46E-06	1.21E-06	3.92E-04	6.17E-08	2.15E-08	2.29E-02	3.61E-06	1.26E-06	1.82E-04	2.86E-08	9.96E-09
1259	489685.89, 3859076.54	2.12E-02	3.34E-06	1.16E-06	3.38E-04	5.33E-08	1.86E-08	2.13E-02	3.35E-06	1.17E-06	3.90E-04	6.15E-08	2.14E-08	2.22E-02	3.49E-06	1.22E-06	1.81E-04	2.85E-08	9.92E-09
1260	489735.89, 3859076.54	2.06E-02	3.24E-06	1.13E-06	3.37E-04	5.31E-08	1.85E-08	2.06E-02	3.25E-06	1.13E-06	3.89E-04	6.13E-08	2.13E-08	2.15E-02	3.39E-06	1.18E-06	1.80E-04	2.84E-08	9.88E-09
1261	489785.89, 3859076.54	2.00E-02	3.15E-06	1.10E-06	3.36E-04	5.30E-08	1.85E-08	2.00E-02	3.15E-06	1.10E-06	3.88E-04	6.11E-08	2.13E-08	2.09E-02	3.29E-06	1.14E-06	1.80E-04	2.83E-08	9.86E-09
1262	489835.89, 3859076.54	1.94E-02	3.05E-06	1.06E-06	3.36E-04	5.29E-08	1.84E-08	1.94E-02	3.06E-06	1.07E-06	3.88E-04	6.11E-08	2.13E-08	2.02E-02	3.18E-06	1.11E-06	1.79E-04	2.83E-08	9.85E-09
1263	489885.89, 3859076.54	1.88E-02	2.96E-06	1.03E-06	3.36E-04	5.30E-08	1.85E-08	1.88E-02	2.97E-06	1.03E-06	3.88E-04	6.11E-08	2.13E-08	1.96E-02	3.09E-06	1.08E-06	1.79E-04	2.83E-08	9.85E-09
1264	489935.89, 3859076.54	1.83E-02	2.88E-06	1.00E-06	3.36E-04	5.30E-08	1.85E-08	1.83E-02	2.88E-06	1.00E-06	3.88E-04	6.11E-08	2.13E-08	1.90E-02	3.00E-06	1.05E-06	1.80E-04	2.83E-08	9.85E-09
1265	489985.89, 3859076.54	1.77E-02	2.79E-06	9.72E-07	3.37E-04	5.31E-08	1.85E-08	1.78E-02	2.80E-06	9.75E-07	3.89E-04	6.13E-08	2.14E-08	1.85E-02	2.91E-06	1.01E-06	1.80E-04	2.83E-08	9.87E-09
1266	490035.89, 3859076.54	1.70E-02	2.67E-06	9.31E-07	3.39E-04	5.35E-08	1.86E-08	1.70E-02	2.68E-06	9.34E-07	3.92E-04	6.17E-08	2.15E-08	1.77E-02	2.78E-06	9.70E-07	1.81E-04	2.85E-08	9.93E-09
1267	489585.89, 3859126.54	2.32E-02	3.65E-06	1.27E-06	3.34E-04	5.26E-08	1.83E-08	2.32E-02	3.66E-06	1.28E-06	3.85E-04	6.07E-08	2.11E-08	2.43E-02	3.82E-06	1.33E-06	1.79E-04	2.82E-08	9.81E-09
1268	489635.89, 3859126.54	2.24E-02	3.53E-06	1.23E-06	3.32E-04	5.23E-08	1.82E-08	2.25E-02	3.54E-06	1.23E-06	3.83E-04	6.03E-08	2.10E-08	2.35E-02	3.69E-06	1.29E-06	1.77E-04	2.80E-08	9.74E-09
1269	489685.89, 3859126.54	2.17E-02	3.42E-06	1.19E-06	3.30E-04	5.20E-08	1.81E-08	2.17E-02	3.43E-06	1.19E-06	3.81E-04	5.99E-08	2.09E-08	2.27E-02	3.57E-06	1.24E-06	1.76E-04	2.78E-08	9.68E-09

1270	489735.89, 3859126.54	2.10E-02	3.31E-06	1.15E-06	3.28E-04	5.17E-08	1.80E-08	2.11E-02	3.32E-06	1.16E-06	3.79E-04	5.97E-08	2.08E-08	2.20E-02	3.46E-06	1.20E-06	1.76E-04	2.77E-08	9.64E-09
1271	489785.89, 3859126.54	2.04E-02	3.21E-06	1.12E-06	3.27E-04	5.15E-08	1.80E-08	2.04E-02	3.22E-06	1.12E-06	3.77E-04	5.95E-08	2.07E-08	2.13E-02	3.35E-06	1.17E-06	1.75E-04	2.76E-08	9.60E-09
1272	489835.89, 3859126.54	1.97E-02	3.11E-06	1.08E-06	3.26E-04	5.14E-08	1.79E-08	1.98E-02	3.12E-06	1.09E-06	3.77E-04	5.93E-08	2.07E-08	2.06E-02	3.25E-06	1.13E-06	1.74E-04	2.75E-08	9.58E-09
1273	489885.89, 3859126.54	1.91E-02	3.01E-06	1.05E-06	3.26E-04	5.14E-08	1.79E-08	1.92E-02	3.02E-06	1.05E-06	3.76E-04	5.93E-08	2.07E-08	2.00E-02	3.14E-06	1.10E-06	1.74E-04	2.75E-08	9.56E-09
1274	489935.89, 3859126.54	1.86E-02	2.93E-06	1.02E-06	3.26E-04	5.14E-08	1.79E-08	1.86E-02	2.93E-06	1.02E-06	3.76E-04	5.92E-08	2.06E-08	1.94E-02	3.05E-06	1.06E-06	1.74E-04	2.74E-08	9.56E-09
1275	489985.89, 3859126.54	1.79E-02	2.82E-06	9.84E-07	3.27E-04	5.15E-08	1.79E-08	1.80E-02	2.83E-06	9.87E-07	3.77E-04	5.94E-08	2.07E-08	1.87E-02	2.95E-06	1.03E-06	1.74E-04	2.75E-08	9.57E-09
1276	490035.89, 3859126.54	1.73E-02	2.73E-06	9.50E-07	3.28E-04	5.16E-08	1.80E-08	1.74E-02	2.73E-06	9.53E-07	3.78E-04	5.96E-08	2.08E-08	1.81E-02	2.84E-06	9.91E-07	1.75E-04	2.76E-08	9.60E-09
1277	489585.89, 3859176.54	2.36E-02	3.71E-06	1.29E-06	3.27E-04	5.16E-08	1.80E-08	2.36E-02	3.72E-06	1.30E-06	3.77E-04	5.95E-08	2.07E-08	2.47E-02	3.88E-06	1.35E-06	1.75E-04	2.76E-08	9.62E-09
1278	489635.89, 3859176.54	2.28E-02	3.59E-06	1.25E-06	3.25E-04	5.12E-08	1.78E-08	2.28E-02	3.60E-06	1.25E-06	3.74E-04	5.90E-08	2.06E-08	2.38E-02	3.75E-06	1.31E-06	1.74E-04	2.74E-08	9.54E-09
1279	489685.89, 3859176.54	2.21E-02	3.47E-06	1.21E-06	3.22E-04	5.08E-08	1.77E-08	2.21E-02	3.48E-06	1.21E-06	3.72E-04	5.86E-08	2.04E-08	2.31E-02	3.63E-06	1.27E-06	1.73E-04	2.72E-08	9.47E-09
1280	489735.89, 3859176.54	2.14E-02	3.37E-06	1.17E-06	3.20E-04	5.05E-08	1.76E-08	2.14E-02	3.37E-06	1.18E-06	3.70E-04	5.82E-08	2.03E-08	2.23E-02	3.52E-06	1.23E-06	1.72E-04	2.70E-08	9.41E-09
1281	489785.89, 3859176.54	2.07E-02	3.26E-06	1.13E-06	3.19E-04	5.03E-08	1.75E-08	2.07E-02	3.26E-06	1.14E-06	3.68E-04	5.80E-08	2.02E-08	2.16E-02	3.40E-06	1.19E-06	1.71E-04	2.69E-08	9.37E-09
1282	489835.89, 3859176.54	2.00E-02	3.15E-06	1.10E-06	3.18E-04	5.01E-08	1.74E-08	2.01E-02	3.16E-06	1.10E-06	3.67E-04	5.78E-08	2.01E-08	2.09E-02	3.30E-06	1.15E-06	1.70E-04	2.68E-08	9.33E-09
1283	489885.89, 3859176.54	1.94E-02	3.06E-06	1.06E-06	3.17E-04	5.00E-08	1.74E-08	1.94E-02	3.06E-06	1.07E-06	3.66E-04	5.76E-08	2.01E-08	2.03E-02	3.19E-06	1.11E-06	1.70E-04	2.67E-08	9.31E-09
1284	489935.89, 3859176.54	1.88E-02	2.97E-06	1.03E-06	3.17E-04	4.99E-08	1.74E-08	1.89E-02	2.98E-06	1.04E-06	3.65E-04	5.75E-08	2.00E-08	1.97E-02	3.10E-06	1.08E-06	1.69E-04	2.67E-08	9.29E-09
1285	489985.89, 3859176.54	1.82E-02	2.86E-06	9.98E-07	3.17E-04	4.99E-08	1.74E-08	1.82E-02	2.87E-06	1.00E-06	3.66E-04	5.76E-08	2.01E-08	1.90E-02	2.99E-06	1.04E-06	1.69E-04	2.67E-08	9.29E-09
1286	490035.89, 3859176.54	1.77E-02	2.79E-06	9.71E-07	3.17E-04	4.99E-08	1.74E-08	1.77E-02	2.79E-06	9.73E-07	3.66E-04	5.76E-08	2.01E-08	1.85E-02	2.91E-06	1.01E-06	1.69E-04	2.67E-08	9.29E-09
1287	489685.89, 3859226.54	2.22E-02	3.50E-06	1.22E-06	3.16E-04	4.98E-08	1.73E-08	2.23E-02	3.51E-06	1.22E-06	3.64E-04	5.74E-08	2.00E-08	2.33E-02	3.67E-06	1.28E-06	1.69E-04	2.67E-08	9.29E-09
1288	489735.89, 3859226.54	2.16E-02	3.40E-06	1.18E-06	3.14E-04	4.94E-08	1.72E-08	2.16E-02	3.41E-06	1.19E-06	3.62E-04	5.69E-08	1.98E-08	2.26E-02	3.56E-06	1.24E-06	1.68E-04	2.65E-08	9.22E-09
1289	489785.89, 3859226.54	2.09E-02	3.29E-06	1.15E-06	3.12E-04	4.91E-08	1.71E-08	2.09E-02	3.30E-06	1.15E-06	3.59E-04	5.66E-08	1.97E-08	2.18E-02	3.44E-06	1.20E-06	1.67E-04	2.63E-08	9.16E-09
1290	489835.89, 3859226.54	2.02E-02	3.18E-06	1.11E-06	3.10E-04	4.89E-08	1.70E-08	2.03E-02	3.19E-06	1.11E-06	3.58E-04	5.64E-08	1.96E-08	2.11E-02	3.33E-06	1.16E-06	1.66E-04	2.62E-08	9.12E-09
1291	489885.89, 3859226.54	1.96E-02	3.08E-06	1.07E-06	3.09E-04	4.87E-08	1.70E-08	1.96E-02	3.09E-06	1.08E-06	3.57E-04	5.62E-08	1.96E-08	2.05E-02	3.22E-06	1.12E-06	1.65E-04	2.61E-08	9.08E-09
1292	489935.89, 3859226.54	1.90E-02	2.99E-06	1.04E-06	3.08E-04	4.86E-08	1.69E-08	1.90E-02	3.00E-06	1.04E-06	3.56E-04	5.60E-08	1.95E-08	1.98E-02	3.13E-06	1.09E-06	1.65E-04	2.60E-08	9.05E-09
1293	489985.89, 3859226.54	1.83E-02	2.88E-06	1.00E-06	3.08E-04	4.86E-08	1.69E-08	1.83E-02	2.89E-06	1.01E-06	3.56E-04	5.61E-08	1.95E-08	1.91E-02	3.01E-06	1.05E-06	1.65E-04	2.60E-08	9.05E-09
1294	490035.89, 3859226.54	1.78E-02	2.81E-06	9.78E-07	3.08E-04	4.85E-08	1.69E-08	1.79E-02	2.82E-06	9.81E-07	3.55E-04	5.59E-08	1.95E-08	1.86E-02	2.93E-06	1.02E-06	1.64E-04	2.59E-08	9.03E-09
1295	489735.89, 3859276.54	2.17E-02	3.41E-06	1.19E-06	3.07E-04	4.84E-08	1.69E-08	2.17E-02	3.42E-06	1.19E-06	3.54E-04	5.58E-08	1.95E-08	2.27E-02	3.57E-06	1.24E-06	1.65E-04	2.60E-08	9.05E-09
1296	489785.89, 3859276.54	2.10E-02	3.31E-06	1.15E-06	3.05E-04	4.81E-08	1.67E-08	2.11E-02	3.32E-06	1.16E-06	3.52E-04	5.54E-08	1.93E-08	2.20E-02	3.46E-06	1.21E-06	1.64E-04	2.58E-08	8.97E-09
1297	489835.89, 3859276.54	2.03E-02	3.20E-06	1.11E-06	3.04E-04	4.78E-08	1.67E-08	2.04E-02	3.21E-06	1.12E-06	3.50E-04	5.51E-08	1.92E-08	2.12E-02	3.35E-06	1.17E-06	1.63E-04	2.56E-08	8.92E-09
1298	489885.89, 3859276.54	1.97E-02	3.10E-06	1.08E-06	3.02E-04	4.76E-08	1.66E-08	1.97E-02	3.11E-06	1.08E-06	3.48E-04	5.49E-08	1.91E-08	2.06E-02	3.24E-06	1.13E-06	1.62E-04	2.55E-08	8.87E-09
1299	489935.89, 3859276.54	1.91E-02	3.01E-06	1.05E-06	3.01E-04	4.74E-08	1.65E-08	1.91E-02	3.01E-06	1.05E-06	3.47E-04	5.47E-08	1.90E-08	1.99E-02	3.14E-06	1.09E-06	1.61E-04	2.54E-08	8.84E-09
1300	489985.89, 3859276.54	1.83E-02	2.89E-06	1.01E-06	3.01E-04	4.74E-08	1.65E-08	1.84E-02	2.90E-06	1.01E-06	3.47E-04	5.47E-08	1.90E-08	1.92E-02	3.02E-06	1.05E-06	1.61E-04	2.54E-08	8.83E-09
1301	490035.89, 3859276.54	1.80E-02	2.83E-06	9.86E-07	2.99E-04	4.72E-08	1.64E-08	1.80E-02	2.84E-06	9.88E-07	3.45E-04	5.44E-08	1.90E-08	1.88E-02	2.96E-06	1.03E-06	1.60E-04	2.52E-08	8.79E-09
1302	490458.06, 3859590.74	1.49E-02	2.35E-06	8.19E-07	2.50E-04	3.94E-08	1.37E-08	1.50E-02	2.36E-06	8.21E-07	2.88E-04	4.54E-08	1.58E-08	1.56E-02	2.45E-06	8.55E-07	1.33E-04	2.10E-08	7.33E-09
1303	490508.06, 3859590.74	1.46E-02	2.29E-06	7.99E-07	2.50E-04	3.94E-08	1.37E-08	1.46E-02	2.30E-06	8.01E-07	2.88E-04	4.54E-08	1.58E-08	1.52E-02	2.39E-06	8.34E-07	1.33E-04	2.10E-08	7.32E-09
1304	490558.06, 3859590.74	1.42E-02	2.24E-06	7.80E-07	2.50E-04	3.94E-08	1.37E-08	1.42E-02	2.24E-06	7.82E-07	2.88E-04	4.54E-08	1.58E-08	1.48E-02	2.34E-06	8.14E-07	1.33E-04	2.10E-08	7.32E-09
1305	490608.06, 3859590.74	1.38E-02	2.18E-06	7.60E-07	2.50E-04	3.94E-08	1.37E-08	1.39E-02	2.19E-06	7.62E-07	2.89E-04	4.55E-08	1.59E-08	1.45E-02	2.28E-06	7.93E-07	1.34E-04	2.10E-08	7.33E-09
1306	490658.06, 3859590.74	1.35E-02	2.12E-06	7.40E-07	2.51E-04	3.95E-08	1.38E-08	1.35E-02	2.13E-06	7.42E-07	2.89E-04	4.56E-08	1.59E-08	1.41E-02	2.22E-06	7.72E-07	1.34E-04	2.11E-08	7.34E-09
1307	490708.06, 3859590.74	1.31E-02	2.07E-06	7.20E-07	2.51E-04	3.96E-08	1.38E-08	1.32E-02	2.07E-06	7.22E-07	2.90E-04	4.57E-08	1.59E-08	1.37E-02	2.15E-06	7.50E-07	1.34E-04	2.11E-08	7.35E-09
1308	490758.06, 3859590.74	1.27E-02	2.00E-06	6.99E-07	2.52E-04	3.97E-08	1.38E-08	1.28E-02	2.01E-06	7.01E-07	2.91E-04	4.59E-08	1.60E-08	1.33E-02	2.09E-06	7.28E-07	1.34E-04	2.12E-08	7.37E-09
1309	490808.06, 3859590.74	1.24E-02	1.95E-06	6.80E-07	2.53E-04	3.98E-08	1.39E-08	1.24E-02	1.96E-06	6.83E-07	2.92E-04	4.60E-08	1.60E-08	1.29E-02	2.04E-06	7.09E-07	1.35E-04	2.12E-08	7.39E-09
1310	490858.06, 3859590.74	1.21E-02	1.90E-06	6.62E-07	2.54E-04	4.00E-08	1.39E-08	1.21E-02	1.91E-06	6.64E-07	2.93E-04	4.61E-08	1.61E-08	1.26E-02	1.98E-06	6.89E-07	1.35E-04	2.13E-08	7.41E-09
1311	490458.06, 3859640.74	1.49E-02	2.35E-06	8.20E-07	2.44E-04	3.84E-08	1.34E-08	1.50E-02	2.36E-06	8.22E-07	2.81E-04	4.43E-08	1.54E-08	1.56E-02	2.46E-06	8.57E-07	1.30E-04	2.05E-08	7.14E-09
1312	490508.06, 3859640.74	1.46E-02	2.30E-06	8.02E-07	2.43E-04	3.83E-08	1.34E-08	1.46E-02	2.31E-06	8.04E-07	2.81E-04	4.42E-08	1.54E-08	1.53E-02	2.40E-06	8.37E-07	1.30E-04	2.05E-08	7.13E-09
1313	490558.06, 3859640.74	1.43E-02	2.25E-06	7.83E-07	2.43E-04	3.83E-08	1.33E-08	1.43E-02	2.25E-06	7.86E-07	2.81E-04	4.42E-08	1.54E-08	1.49E-02	2.35E-06	8.18E-07	1.30E-04	2.04E-08	7.12E-09
1314	490608.06, 3859640.74	1.39E-02	2.19E-06	7.64E-07	2.43E-04	3.84E-08	1.34E-08	1.40E-02	2.20E-06	7.66E-07	2.81E-04	4.43E-08	1.54E-08	1.45E-02	2.29E-06	7.97E-07	1.30E-04	2.05E-08	7.13E-09
1315	490658.06, 3859640.74	1.35E-02	2.13E-06	7.43E-07	2.44E-04	3.84E-08	1.34E-08	1.36E-02	2.14E-06	7.45E-07	2.81E-04	4.43E-08	1.54E-08	1.41E-02	2.23E-06	7.76E-07	1.30E-04	2.05E-08	7.14E-09
1316	490708.06, 3859640.74	1.32E-02	2.08E-06	7.24E-07	2.44E-04	3.85E-08	1.34E-08	1.32E-02	2.08E-06	7.26E-07	2.82E-04	4.44E-08	1.55E-08	1.38E-02	2.17E-06	7.55E-07	1.30E-04	2.05E-08	7.15E-09
1317	490758.06, 3859640.74	1.28E-02	2.02E-06	7.03E-07	2.45E-04	3.86E-08	1.34E-08	1.29E-02	2.03E-06	7.06E-07	2.83E-04	4.45E-08	1.55E-08	1.34E-02	2.11E-06	7.34E-07	1.30E-04	2.06E-08	7.16E-09
1318	490808.06, 3859640.74	1.25E-02	1.97E-06	6.87E-07	2.45E-04	3.86E-08	1.35E-08	1.26E-02	1.98E-06	6.89E-07	2.83E-04	4.46E-08	1.55E-08	1.30E-02	2.06E-06	7.16E-07	1.31E-04	2.06E-08	7.17E-09
1319	490858.06, 3859640.74	1.22E-02	1.93E-06	6.71E-07	2.46E-04	3.87E-08	1.35E-08	1.23E-02	1.93E-06	6.73E-07	2.84E-04	4.47E-08	1.56E-08	1.27E-02	2.01E-06	6.99E-07	1.31E-04	2.06E-08	7.18E-09
1320	490608.06, 3859690.74	1.39E-02	2.20E-06	7.65E-07	2.37E-04	3.74E-08	1.30E-08	1.40E-02	2.20E-06	7.67E-07	2.74E-04	4.31E-08	1.50E-08	1.46E-02	2.29E-06	7.99E-07	1.27E-04	1.99E-08	6.95E-09
1321	490658.06, 3859690.74	1.36E-02	2.14E-06	7.45E-07	2.38E-04	3.74E-08	1.30E-08	1.36E-02	2.15E-06	7.48E-07	2.74E-04	4.32E-08	1.50E-08	1.42E-02	2.23E-06	7.78E-07	1.27E-04	1.99E-08	6.95E-09
1322	490708.06, 3859690.74	1.32E-02	2.09E-06	7.27E-07	2.38E-04	3.75E-08	1.30E-08	1.33E-02	2.09E-06	7.29E-07	2.74E-04	4.32E-08	1.51E-08	1.38E-02	2.18E-06	7.58E-07	1.27E-04	2.00E-08	6.95E-09
1323	490758.06, 3859690.74	1.29E-02	2.03E-06	7.07E-07	2.38E-04	3.75E-08	1.31E-08	1.29E-02	2.04E-06	7.09E-07	2.75E-04	4.33E-08	1.51E-08	1.34E-02	2.12E-06	7.38E-07	1.27E-04	2.00E-08	6.96E-09
1324	490808.06, 3859690.74	1.26E-02	1.98E-06	6.89E-07	2.39E-04	3.76E-08	1.31E-08	1.26E-02	1.99E-06	6.92E-07	2.75E-04	4.34E-08	1.51E-08	1.31E-02	2.06E-06	7.19E-07	1.27E-04	2.00E-08	6.97E-09
1325	490858.06, 3859690.74	1.23E-02	1.94E-06	6.77E-07	2.39E-04	3.76E-08	1.31E-08	1.24E-02	1.95E-06	6.79E-07	2.75E-04	4.34E-08	1.51E-08	1.29E-02	2.03E-06	7.06E-07	1.27E-04	2.00E-08	6.97E-09
1326	490708.06, 3859740.74	1.33E-02	2.09E-06	7.29E-07	2.32E-04	3.65E-08	1.27E-08	1.33E-02	2.10E-06	7.32E-07	2.67E-04	4.21E-08	1.47E-08	1.39E-02	2.19E-06	7.62E-07	1.23E-04	1.94E-08	6.77E-09
1327	490758.06, 3859740.74	1.30E-02	2.05E-06	7.14E-07	2.31E-04	3.65E-08	1.27E-08	1.31E-02	2.06E-06	7.16E-07	2.67E-04	4.21E-08	1.47E-08	1.36E-02	2.14E-06	7.45E-07	1.23E-04	1.94E-08	6.77E-09
1328	490808.06, 3859740.74	1.27E-02	2.00E-06	6.98E-07	2.32E-04	3.65E-08	1.27E-08	1.28E-02	2.01E-06	7.00E-07	2.67E-04	4.21E-08	1.47E-08	1.33E-02	2.09E-06	7.28E-07	1.23E-04	1.94E-08	6.77E-09
1329	490858.06, 3859740.74	1.24E-02	1.96E-06	6.83E-07	2.32E-04	3.65E-08	1.27E-08	1.25E-02	1.97E-06	6.85E-07	2.67E-04	4.21E-08	1.47E-08	1.30E-02	2.05E-06	7.13E-07	1.23E-04	1.94E-08	6.77E-09
1330	490786.56, 3859749.39	1.29E-02	2.03E-06	7.06E-07	2.30E-04	3.63E-08	1.26E-08	1.29E-02	2.03E-06	7.08E-07	2.66E-04	4.19E-08	1.46E-08	1.34E-02	2.11E-06	7.37E-07	1.23E-04	1.93E-08	6.73E-09
1331	490836.56, 3859749.39	1.26E-02	1.98E-06	6.90E-07	2.31E-04	3.63E-08	1.27E-08	1.26E-02	1.99E-06	6.92E-07	2.66E-04	4.19E-08	1.46E-08	1.31E-02	2.07E-06	7.20E-07	1.23E-04	1.93E-08	6.74E-09
1332	490786.56, 3859799.39	1.29E-02	2.03E-06	7.08E-07	2.24E-04	3.53E-08	1.23E-08	1.29E-02	2.04E-06	7.10E-07	2.59E-04	4.08E-08	1.42E-08	1.35E-02	2.12E-06	7.40E-07	1.19E-04	1.88E-08	6.56E-09
1333	490836.56, 3859799.39	1.26E-02	1.99E-06	6.93E-07	2.24E-04	3.53E-08	1.23E-08	1.27E-02	1.99E-06	6.95E-07	2.59E-04	4.08E-08	1.42E-08	1.32E-02	2.08E-06	7.23E-07	1.19E-04	1.88E-08	6.55E-09
1334	492307.84, 3854508.36	1.87E-03	2.94E-07	1.02E-07	5.14E-04	8.10E-08	2.82E-08	1.96E-03	3.08E-07	1.07E-07	5.95E-04	9.38E-08	3.27E-08	1.65E-03	2.59E-07	9.04E-08	2.69E-04	4.23E-08	1.48E-08
1335	486445.7, 3854753.6	2.15E-03	3.38E-07	1.18E-07	7.27E-04	1.15E-07	3.99E-08	2.27E-03	3.58E-07	1.25E-07	8.42E-04	1.33E-07	4.62E-08	1.82E-03	2.86E-07	9.96E-08	3.79E-04	5.98E-08	2.08E-08
1336	472599.75, 3877830.11	1.22E-04	1.93E-08	6.72E-09	1.09E-05	1.71E-09	5.96E-10	1.24E-04	1.96E-08	6.82E-09	1.25E-05	1.98E-09	6.89E-10	1.22E-04	1.92E-08	6.70E-09	5.74E-06	9.04E-10	3.15E-10

1337 493107.48, 3866840.19	3.61E-04	5.69E-08	1.98E-08	3.45E-05	5.43E-09	1.89E-09	3.67E-04	5.78E-08	2.01E-08	3.99E-05	6.28E-09	2.19E-09	3.59E-04	5.66E-08	1.97E-08	1.82E-05	2.86E-09	9.96E-10
1338 495815.8, 3861662.87	2.34E-03	3.68E-07	1.28E-07	1.13E-04	1.78E-08	6.19E-09	2.35E-03	3.71E-07	1.29E-07	1.30E-04	2.05E-08	7.16E-09	2.39E-03	3.77E-07	1.31E-07	5.92E-05	9.33E-09	3.25E-09
1339 480272.33, 3841389.2	4.18E-05	6.58E-09	2.29E-09	4.01E-06	6.31E-10	2.20E-10	4.24E-05	6.68E-09	2.33E-09	4.60E-06	7.25E-10	2.52E-10	4.10E-05	6.46E-09	2.25E-09	2.20E-06	3.47E-10	1.21E-10
1340 497005.18, 3862813.64	1.48E-03	2.33E-07	8.11E-08	7.75E-05	1.22E-08	4.26E-09	1.49E-03	2.35E-07	8.18E-08	8.97E-05	1.41E-08	4.92E-09	1.51E-03	2.38E-07	8.28E-08	4.07E-05	6.42E-09	2.24E-09
1341 493677.33, 3860302.55	5.09E-03	8.02E-07	2.79E-07	1.98E-04	3.12E-08	1.09E-08	5.13E-03	8.07E-07	2.81E-07	2.29E-04	3.60E-08	1.26E-08	5.25E-03	8.27E-07	2.88E-07	1.04E-04	1.64E-08	5.73E-09
1342 493727.33, 3860302.55	5.04E-03	7.94E-07	2.77E-07	1.98E-04	3.12E-08	1.09E-08	5.07E-03	7.99E-07	2.79E-07	2.29E-04	3.60E-08	1.25E-08	5.19E-03	8.18E-07	2.85E-07	1.04E-04	1.64E-08	5.72E-09
1343 493777.33, 3860302.55	4.99E-03	7.86E-07	2.74E-07	1.98E-04	3.12E-08	1.09E-08	5.02E-03	7.91E-07	2.76E-07	2.29E-04	3.60E-08	1.25E-08	5.14E-03	8.09E-07	2.82E-07	1.04E-04	1.64E-08	5.72E-09
1344 493827.33, 3860302.55	4.94E-03	7.78E-07	2.71E-07	1.98E-04	3.11E-08	1.08E-08	4.97E-03	7.83E-07	2.73E-07	2.28E-04	3.60E-08	1.25E-08	5.08E-03	8.01E-07	2.79E-07	1.04E-04	1.64E-08	5.72E-09
1345 493877.33, 3860302.55	4.89E-03	7.70E-07	2.68E-07	1.97E-04	3.11E-08	1.08E-08	4.92E-03	7.76E-07	2.70E-07	2.28E-04	3.59E-08	1.25E-08	5.03E-03	7.93E-07	2.76E-07	1.04E-04	1.64E-08	5.71E-09
1346 493927.33, 3860302.55	4.85E-03	7.64E-07	2.66E-07	1.97E-04	3.10E-08	1.08E-08	4.88E-03	7.69E-07	2.68E-07	2.28E-04	3.59E-08	1.25E-08	4.99E-03	7.86E-07	2.74E-07	1.04E-04	1.64E-08	5.70E-09
1347 493977.33, 3860302.55	4.78E-03	7.53E-07	2.62E-07	1.97E-04	3.11E-08	1.08E-08	4.82E-03	7.59E-07	2.64E-07	2.28E-04	3.59E-08	1.25E-08	4.92E-03	7.75E-07	2.70E-07	1.04E-04	1.64E-08	5.70E-09
1348 494027.33, 3860302.55	4.73E-03	7.45E-07	2.60E-07	1.97E-04	3.10E-08	1.08E-08	4.76E-03	7.50E-07	2.61E-07	2.28E-04	3.58E-08	1.25E-08	4.86E-03	7.66E-07	2.67E-07	1.04E-04	1.63E-08	5.69E-09
1349 493677.33, 3860352.55	5.02E-03	7.91E-07	2.76E-07	1.94E-04	3.05E-08	1.06E-08	5.05E-03	7.96E-07	2.77E-07	2.24E-04	3.52E-08	1.23E-08	5.18E-03	8.15E-07	2.84E-07	1.02E-04	1.61E-08	5.60E-09
1350 493727.33, 3860352.55	4.98E-03	7.84E-07	2.73E-07	1.93E-04	3.05E-08	1.06E-08	5.01E-03	7.89E-07	2.75E-07	2.24E-04	3.52E-08	1.23E-08	5.13E-03	8.08E-07	2.81E-07	1.02E-04	1.61E-08	5.60E-09
1351 493777.33, 3860352.55	4.93E-03	7.77E-07	2.71E-07	1.93E-04	3.05E-08	1.06E-08	4.96E-03	7.82E-07	2.72E-07	2.24E-04	3.52E-08	1.23E-08	5.08E-03	8.00E-07	2.79E-07	1.02E-04	1.61E-08	5.59E-09
1352 493827.33, 3860352.55	4.88E-03	7.69E-07	2.68E-07	1.93E-04	3.05E-08	1.06E-08	4.92E-03	7.75E-07	2.70E-07	2.23E-04	3.52E-08	1.23E-08	5.03E-03	7.92E-07	2.76E-07	1.02E-04	1.60E-08	5.59E-09
1353 493877.33, 3860352.55	4.83E-03	7.62E-07	2.65E-07	1.93E-04	3.05E-08	1.06E-08	4.87E-03	7.67E-07	2.67E-07	2.23E-04	3.52E-08	1.23E-08	4.98E-03	7.84E-07	2.73E-07	1.02E-04	1.60E-08	5.59E-09
1354 493927.33, 3860352.55	4.78E-03	7.53E-07	2.62E-07	1.93E-04	3.05E-08	1.06E-08	4.81E-03	7.58E-07	2.64E-07	2.23E-04	3.52E-08	1.23E-08	4.92E-03	7.75E-07	2.70E-07	1.02E-04	1.61E-08	5.59E-09
1355 493977.33, 3860352.55	4.72E-03	7.44E-07	2.59E-07	1.93E-04	3.05E-08	1.06E-08	4.76E-03	7.49E-07	2.61E-07	2.24E-04	3.52E-08	1.23E-08	4.86E-03	7.66E-07	2.67E-07	1.02E-04	1.61E-08	5.60E-09
1356 494027.33, 3860352.55	4.68E-03	7.37E-07	2.57E-07	1.93E-04	3.04E-08	1.06E-08	4.71E-03	7.42E-07	2.59E-07	2.23E-04	3.52E-08	1.23E-08	4.82E-03	7.59E-07	2.64E-07	1.02E-04	1.60E-08	5.59E-09
1357 493677.33, 3860402.55	4.95E-03	7.80E-07	2.72E-07	1.89E-04	2.97E-08	1.04E-08	4.98E-03	7.85E-07	2.74E-07	2.18E-04	3.44E-08	1.20E-08	5.11E-03	8.04E-07	2.80E-07	9.95E-05	1.57E-08	5.46E-09
1358 493727.33, 3860402.55	4.91E-03	7.73E-07	2.69E-07	1.89E-04	2.97E-08	1.04E-08	4.94E-03	7.78E-07	2.71E-07	2.18E-04	3.44E-08	1.20E-08	5.06E-03	7.97E-07	2.78E-07	9.95E-05	1.57E-08	5.46E-09
1359 493777.33, 3860402.55	4.85E-03	7.65E-07	2.66E-07	1.89E-04	2.98E-08	1.04E-08	4.89E-03	7.70E-07	2.68E-07	2.19E-04	3.45E-08	1.20E-08	5.00E-03	7.88E-07	2.75E-07	9.98E-05	1.57E-08	5.48E-09
1360 493827.33, 3860402.55	4.81E-03	7.58E-07	2.64E-07	1.89E-04	2.98E-08	1.04E-08	4.85E-03	7.63E-07	2.66E-07	2.19E-04	3.44E-08	1.20E-08	4.96E-03	7.81E-07	2.72E-07	9.97E-05	1.57E-08	5.47E-09
1361 493877.33, 3860402.55	4.77E-03	7.51E-07	2.62E-07	1.89E-04	2.98E-08	1.04E-08	4.80E-03	7.57E-07	2.64E-07	2.19E-04	3.44E-08	1.20E-08	4.91E-03	7.74E-07	2.70E-07	9.96E-05	1.57E-08	5.47E-09
1362 493927.33, 3860402.55	4.72E-03	7.43E-07	2.59E-07	1.89E-04	2.98E-08	1.04E-08	4.75E-03	7.49E-07	2.61E-07	2.19E-04	3.45E-08	1.20E-08	4.86E-03	7.66E-07	2.67E-07	9.98E-05	1.57E-08	5.48E-09
1363 493977.33, 3860402.55	4.66E-03	7.35E-07	2.56E-07	1.90E-04	2.99E-08	1.04E-08	4.70E-03	7.40E-07	2.58E-07	2.19E-04	3.45E-08	1.20E-08	4.80E-03	7.56E-07	2.63E-07	1.00E-04	1.57E-08	5.49E-09
1364 494027.33, 3860402.55	4.62E-03	7.28E-07	2.54E-07	1.89E-04	2.98E-08	1.04E-08	4.66E-03	7.34E-07	2.56E-07	2.19E-04	3.45E-08	1.20E-08	4.76E-03	7.50E-07	2.61E-07	9.98E-05	1.57E-08	5.48E-09
1365 493677.33, 3860452.55	4.87E-03	7.67E-07	2.67E-07	1.84E-04	2.90E-08	1.01E-08	4.90E-03	7.72E-07	2.69E-07	2.13E-04	3.36E-08	1.17E-08	5.02E-03	7.91E-07	2.76E-07	9.71E-05	1.53E-08	5.33E-09
1366 493727.33, 3860452.55	4.83E-03	7.61E-07	2.65E-07	1.84E-04	2.90E-08	1.01E-08	4.86E-03	7.66E-07	2.67E-07	2.13E-04	3.35E-08	1.17E-08	4.98E-03	7.85E-07	2.73E-07	9.70E-05	1.53E-08	5.32E-09
1367 493777.33, 3860452.55	4.79E-03	7.54E-07	2.63E-07	1.84E-04	2.90E-08	1.01E-08	4.82E-03	7.59E-07	2.64E-07	2.13E-04	3.36E-08	1.17E-08	4.93E-03	7.77E-07	2.71E-07	9.71E-05	1.53E-08	5.33E-09
1368 493827.33, 3860452.55	4.74E-03	7.47E-07	2.60E-07	1.85E-04	2.91E-08	1.01E-08	4.77E-03	7.52E-07	2.62E-07	2.14E-04	3.36E-08	1.17E-08	4.89E-03	7.70E-07	2.68E-07	9.73E-05	1.53E-08	5.34E-09
1369 493877.33, 3860452.55	4.70E-03	7.40E-07	2.58E-07	1.85E-04	2.91E-08	1.02E-08	4.73E-03	7.45E-07	2.59E-07	2.14E-04	3.37E-08	1.17E-08	4.84E-03	7.62E-07	2.66E-07	9.75E-05	1.54E-08	5.35E-09
1370 493927.33, 3860452.55	4.65E-03	7.32E-07	2.55E-07	1.86E-04	2.92E-08	1.02E-08	4.68E-03	7.37E-07	2.57E-07	2.15E-04	3.38E-08	1.18E-08	4.78E-03	7.54E-07	2.63E-07	9.78E-05	1.54E-08	5.37E-09
1371 493977.33, 3860452.55	4.60E-03	7.25E-07	2.53E-07	1.86E-04	2.92E-08	1.02E-08	4.64E-03	7.30E-07	2.54E-07	2.15E-04	3.38E-08	1.18E-08	4.74E-03	7.47E-07	2.60E-07	9.78E-05	1.54E-08	5.37E-09
1372 494027.33, 3860452.55	4.56E-03	7.19E-07	2.50E-07	1.85E-04	2.92E-08	1.02E-08	4.60E-03	7.24E-07	2.52E-07	2.14E-04	3.38E-08	1.18E-08	4.70E-03	7.40E-07	2.58E-07	9.77E-05	1.54E-08	5.36E-09
1373 493677.33, 3860502.55	4.79E-03	7.55E-07	2.63E-07	1.80E-04	2.83E-08	9.86E-09	4.82E-03	7.59E-07	2.65E-07	2.08E-04	3.27E-08	1.14E-08	4.94E-03	7.78E-07	2.71E-07	9.46E-05	1.49E-08	5.19E-09
1374 493727.33, 3860502.55	4.75E-03	7.48E-07	2.61E-07	1.80E-04	2.83E-08	9.86E-09	4.78E-03	7.53E-07	2.62E-07	2.08E-04	3.27E-08	1.14E-08	4.90E-03	7.72E-07	2.69E-07	9.46E-05	1.49E-08	5.19E-09
1375 493777.33, 3860502.55	4.71E-03	7.42E-07	2.58E-07	1.80E-04	2.83E-08	9.88E-09	4.74E-03	7.46E-07	2.60E-07	2.08E-04	3.28E-08	1.14E-08	4.85E-03	7.65E-07	2.66E-07	9.48E-05	1.49E-08	5.20E-09
1376 493827.33, 3860502.55	4.67E-03	7.35E-07	2.56E-07	1.80E-04	2.84E-08	9.89E-09	4.70E-03	7.40E-07	2.58E-07	2.08E-04	3.28E-08	1.14E-08	4.81E-03	7.58E-07	2.64E-07	9.50E-05	1.50E-08	5.21E-09
1377 493877.33, 3860502.55	4.62E-03	7.28E-07	2.54E-07	1.81E-04	2.85E-08	9.92E-09	4.65E-03	7.33E-07	2.55E-07	2.09E-04	3.29E-08	1.15E-08	4.76E-03	7.50E-07	2.61E-07	9.52E-05	1.50E-08	5.23E-09
1378 493927.33, 3860502.55	4.58E-03	7.21E-07	2.51E-07	1.81E-04	2.86E-08	9.95E-09	4.61E-03	7.26E-07	2.53E-07	2.10E-04	3.30E-08	1.15E-08	4.71E-03	7.43E-07	2.59E-07	9.55E-05	1.50E-08	5.24E-09
1379 493977.33, 3860502.55	4.54E-03	7.15E-07	2.49E-07	1.81E-04	2.86E-08	9.95E-09	4.57E-03	7.20E-07	2.51E-07	2.10E-04	3.30E-08	1.15E-08	4.67E-03	7.36E-07	2.56E-07	9.55E-05	1.50E-08	5.24E-09
1380 494027.33, 3860502.55	4.50E-03	7.09E-07	2.47E-07	1.81E-04	2.86E-08	9.96E-09	4.53E-03	7.13E-07	2.49E-07	2.10E-04	3.30E-08	1.15E-08	4.63E-03	7.30E-07	2.54E-07	9.56E-05	1.51E-08	5.24E-09
1381 493627.33, 3860552.55	4.75E-03	7.48E-07	2.61E-07	1.74E-04	2.75E-08	9.57E-09	4.78E-03	7.53E-07	2.62E-07	2.02E-04	3.17E-08	1.11E-08	4.90E-03	7.72E-07	2.69E-07	9.18E-05	1.45E-08	5.04E-09
1382 493677.33, 3860552.55	4.71E-03	7.42E-07	2.59E-07	1.75E-04	2.75E-08	9.58E-09	4.74E-03	7.47E-07	2.60E-07	2.02E-04	3.18E-08	1.11E-08	4.86E-03	7.66E-07	2.67E-07	9.20E-05	1.45E-08	5.05E-09
1383 493727.33, 3860552.55	4.67E-03	7.36E-07	2.56E-07	1.75E-04	2.75E-08	9.59E-09	4.70E-03	7.40E-07	2.58E-07	2.02E-04	3.18E-08	1.11E-08	4.82E-03	7.59E-07	2.64E-07	9.21E-05	1.45E-08	5.05E-09
1384 493777.33, 3860552.55	4.63E-03	7.29E-07	2.54E-07	1.75E-04	2.76E-08	9.62E-09	4.66E-03	7.34E-07	2.56E-07	2.03E-04	3.19E-08	1.11E-08	4.77E-03	7.52E-07	2.62E-07	9.24E-05	1.45E-08	5.07E-09
1385 493827.33, 3860552.55	4.59E-03	7.22E-07	2.52E-07	1.76E-04	2.77E-08	9.66E-09	4.62E-03	7.27E-07	2.53E-07	2.03E-04	3.20E-08	1.12E-08	4.73E-03	7.45E-07	2.59E-07	9.27E-05	1.46E-08	5.09E-09
1386 493877.33, 3860552.55	4.55E-03	7.16E-07	2.50E-07	1.76E-04	2.78E-08	9.67E-09	4.58E-03	7.21E-07	2.51E-07	2.04E-04	3.21E-08	1.12E-08	4.69E-03	7.38E-07	2.57E-07	9.28E-05	1.46E-08	5.09E-09
1387 493927.33, 3860552.55	4.51E-03	7.10E-07	2.47E-07	1.77E-04	2.78E-08	9.70E-09	4.54E-03	7.15E-07	2.49E-07	2.04E-04	3.22E-08	1.12E-08	4.64E-03	7.31E-07	2.55E-07	9.31E-05	1.47E-08	5.11E-09
1388 493977.33, 3860552.55	4.47E-03	7.03E-07	2.45E-07	1.77E-04	2.79E-08	9.73E-09	4.50E-03	7.08E-07	2.47E-07	2.05E-04	3.23E-08	1.12E-08	4.60E-03	7.25E-07	2.52E-07	9.33E-05	1.47E-08	5.12E-09
1389 494027.33, 3860552.55	4.43E-03	6.97E-07	2.43E-07	1.77E-04	2.79E-08	9.73E-09	4.46E-03	7.02E-07	2.45E-07	2.05E-04	3.23E-08	1.12E-08	4.56E-03	7.18E-07	2.50E-07	9.34E-05	1.47E-08	5.13E-09
1390 493627.33, 3860602.55	4.67E-03	7.35E-07	2.56E-07	1.70E-04	2.67E-08	9.31E-09	4.69E-03	7.39E-07	2.58E-07	1.96E-04	3.09E-08	1.08E-08	4.82E-03	7.59E-07	2.64E-07	8.93E-05	1.41E-08	4.90E-09
1391 493727.33, 3860602.55	4.59E-03	7.22E-07	2.52E-07	1.70E-04	2.68E-08	9.32E-09	4.61E-03	7.27E-07	2.53E-07	1.96E-04	3.09E-08	1.08E-08	4.73E-03	7.45E-07	2.60E-07	8.95E-05	1.41E-08	4.91E-09
1392 493777.33, 3860602.55	4.55E-03	7.16E-07	2.49E-07	1.71E-04	2.69E-08	9.37E-09	4.57E-03	7.21E-07	2.51E-07	1.97E-04	3.11E-08	1.08E-08	4.69E-03	7.39E-07	2.57E-07	9.00E-05	1.42E-08	4.94E-09
1393 493827.33, 3860602.55	4.51E-03	7.10E-07	2.47E-07	1.71E-04	2.70E-08	9.40E-09	4.54E-03	7.15E-07	2.49E-07	1.98E-04	3.12E-08	1.09E-08	4.65E-03	7.32E-07	2.55E-07	9.02E-05	1.42E-08	4.95E-09
1394 493877.33, 3860602.55	4.47E-03	7.04E-07	2.45E-07	1.72E-04	2.71E-08	9.44E-09	4.50E-03	7.09E-07	2.47E-07	1.99E-04	3.13E-08	1.09E-08	4.61E-03	7.26E-07	2.53E-07	9.06E-05	1.43E-08	4.97E-09
1395 493927.33, 3860602.55	4.43E-03	6.98E-07	2.43E-07	1.72E-04	2.72E-08	9.47E-09	4.46E-03	7.03E-07	2.45E-07	1.99E-04	3.14E-08	1.09E-08	4.57E-03	7.19E-07	2.51E-07	9.08E-05	1.43E-08	4.99E-09
1396 493977.33, 3860602.55	4.39E-03	6.92E-07	2.41E-07	1.73E-04	2.72E-08	9.49E-09	4.42E-03	6.96E-07	2.43E-07	2.00E-04	3.15E-08	1.10E-08	4.52E-03	7.13E-07	2.48E-07	9.11E-05	1.44E-08	5.00E-09
1397 494027.33, 3860602.55	4.36E-03	6.86E-07	2.39E-07	1.73E-04	2.73E-08	9.50E-09	4.39E-03	6.91E-07	2.41E-07	2.00E-04	3.15E-08	1.10E-08	4.49E-03	7.07E-07	2.46E-07	9.11E-05	1.44E-08	5.00E-09
1398 493627.33, 3860652.55	4.58E-03	7.21E-07	2.51E-07	1.65E-04	2.59E-08	9.03E-09	4.61E-03	7.26E-07	2.53E-07	1.90E-04	3.00E-08	1.04E-08	4.73E-03	7.45E-07	2.59E-07	8.67E-05	1.37E-08	4.76E-09
1399 493727.33, 3860652.55	4.50E-03	7.09E-07	2.47E-07	1.65E-04	2.60E-08	9.06E-09	4.53E-03	7.13E-07	2.48E-07	1.91E-04	3.01E-08	1.05E-08	4.64E-03	7.31E-07	2.55E-07	8.70E-05	1.37E-08	4.77E-09
1400 493777.33, 3860652.55	4.46E-03	7.03E-07	2.45E-07	1.66E-04	2.62E-08	9.11E-09	4.49E-03	7.07E-07	2.46E-07	1.92E-04	3.02E-08	1.05E-08	4.60E-03	7.25E-07	2.53E-07	8.74E-05	1.38E-08	4.80E-09
1401 493827.33, 3860652.55	4.42E-03	6.97E-07	2.43E-07	1.67E-04	2.63E-08	9.15E-09	4.45E-03	7.02E-07	2.44E-07	1.93E-04	3.04E-08	1.06E-08	4.56E-03	7.19E-07	2.50E-07	8.78E-05	1.38E-08	4.82E-09
1402 493877.33, 3860652.55	4.39E-03	6.91E-07	2.41E-07	1.68E-04	2.64E-08	9.20E-09	4.42E-03	6.96E-07	2.42E-07	1.94E-04	3.05E-08	1.06E-08	4.52E-03	7.13E-07	2.48E-07	8.83E-05	1.39E-08	4.84E-09
1403 493927.33, 3860652.55	4.35E-03	6.86E-07	2.39E-07	1.68E-04	2.65E-08	9.23E-09	4.38E-03	6.90E-07	2.40E-07	1.94E-04	3.06E-08	1.07E-08	4.49E-03	7.07E-07	2.46E-07	8.85E-05	1.39E-08	4.86E-09

1404	493977.33, 3860652.55	4.32E-03	6.80E-07	2.37E-07	1.69E-04	2.66E-08	9.25E-09	4.35E-03	6.85E-07	2.38E-07	1.95E-04	3.07E-08	1.07E-08	4.45E-03	7.01E-07	2.44E-07	8.88E-05	1.40E-08	4.87E-09
1405	494027.33, 3860652.55	4.28E-03	6.74E-07	2.35E-07	1.69E-04	2.67E-08	9.29E-09	4.31E-03	6.79E-07	2.37E-07	1.96E-04	3.08E-08	1.07E-08	4.41E-03	6.95E-07	2.42E-07	8.91E-05	1.40E-08	4.89E-09
1406	494311.06, 3858401.99	2.72E-03	4.28E-07	1.49E-07	2.32E-04	3.65E-08	1.27E-08	2.76E-03	4.35E-07	1.51E-07	2.68E-04	4.22E-08	1.47E-08	2.71E-03	4.27E-07	1.49E-07	1.24E-04	1.95E-08	6.78E-09
1407	494361.06, 3858401.99	2.68E-03	4.22E-07	1.47E-07	2.28E-04	3.59E-08	1.25E-08	2.71E-03	4.28E-07	1.49E-07	2.63E-04	4.14E-08	1.44E-08	2.67E-03	4.20E-07	1.46E-07	1.22E-04	1.91E-08	6.67E-09
1408	494411.06, 3858401.99	2.65E-03	4.17E-07	1.45E-07	2.25E-04	3.55E-08	1.24E-08	2.68E-03	4.23E-07	1.47E-07	2.60E-04	4.10E-08	1.43E-08	2.64E-03	4.15E-07	1.45E-07	1.20E-04	1.89E-08	6.59E-09
1409	494461.06, 3858401.99	2.63E-03	4.14E-07	1.44E-07	2.25E-04	3.54E-08	1.23E-08	2.67E-03	4.20E-07	1.46E-07	2.59E-04	4.08E-08	1.42E-08	2.62E-03	4.13E-07	1.44E-07	1.20E-04	1.88E-08	6.57E-09
1410	494511.06, 3858401.99	2.60E-03	4.09E-07	1.42E-07	2.22E-04	3.49E-08	1.22E-08	2.63E-03	4.15E-07	1.44E-07	2.56E-04	4.03E-08	1.40E-08	2.59E-03	4.07E-07	1.42E-07	1.18E-04	1.86E-08	6.49E-09
1411	494561.06, 3858401.99	2.58E-03	4.06E-07	1.41E-07	2.21E-04	3.48E-08	1.21E-08	2.61E-03	4.12E-07	1.43E-07	2.55E-04	4.01E-08	1.40E-08	2.57E-03	4.05E-07	1.41E-07	1.18E-04	1.85E-08	6.45E-09
1412	494611.06, 3858401.99	2.54E-03	4.01E-07	1.40E-07	2.18E-04	3.43E-08	1.20E-08	2.58E-03	4.07E-07	1.42E-07	2.51E-04	3.96E-08	1.38E-08	2.54E-03	3.99E-07	1.39E-07	1.16E-04	1.83E-08	6.37E-09
1413	494661.06, 3858401.99	2.52E-03	3.96E-07	1.38E-07	2.15E-04	3.39E-08	1.18E-08	2.55E-03	4.02E-07	1.40E-07	2.48E-04	3.91E-08	1.36E-08	2.51E-03	3.95E-07	1.38E-07	1.15E-04	1.81E-08	6.30E-09
1414	494711.06, 3858401.99	2.48E-03	3.90E-07	1.36E-07	2.12E-04	3.33E-08	1.16E-08	2.51E-03	3.96E-07	1.38E-07	2.44E-04	3.84E-08	1.34E-08	2.47E-03	3.89E-07	1.35E-07	1.13E-04	1.78E-08	6.19E-09
1415	494761.06, 3858401.99	2.45E-03	3.86E-07	1.35E-07	2.10E-04	3.30E-08	1.15E-08	2.49E-03	3.92E-07	1.37E-07	2.42E-04	3.81E-08	1.33E-08	2.44E-03	3.85E-07	1.34E-07	1.12E-04	1.76E-08	6.14E-09
1416	494811.06, 3858401.99	2.42E-03	3.81E-07	1.33E-07	2.07E-04	3.26E-08	1.14E-08	2.46E-03	3.87E-07	1.35E-07	2.39E-04	3.76E-08	1.31E-08	2.41E-03	3.80E-07	1.32E-07	1.10E-04	1.74E-08	6.06E-09
1417	494861.06, 3858401.99	2.39E-03	3.77E-07	1.31E-07	2.05E-04	3.22E-08	1.12E-08	2.43E-03	3.82E-07	1.33E-07	2.36E-04	3.72E-08	1.30E-08	2.38E-03	3.76E-07	1.31E-07	1.09E-04	1.72E-08	5.99E-09
1418	494911.06, 3858401.99	2.37E-03	3.73E-07	1.30E-07	2.02E-04	3.19E-08	1.11E-08	2.40E-03	3.78E-07	1.32E-07	2.33E-04	3.68E-08	1.28E-08	2.36E-03	3.71E-07	1.29E-07	1.08E-04	1.70E-08	5.92E-09
1419	494961.06, 3858401.99	2.34E-03	3.68E-07	1.28E-07	2.00E-04	3.15E-08	1.10E-08	2.37E-03	3.73E-07	1.30E-07	2.31E-04	3.63E-08	1.27E-08	2.33E-03	3.67E-07	1.28E-07	1.07E-04	1.68E-08	5.85E-09
1420	495011.06, 3858401.99	2.30E-03	3.63E-07	1.26E-07	1.97E-04	3.10E-08	1.08E-08	2.33E-03	3.68E-07	1.28E-07	2.27E-04	3.57E-08	1.24E-08	2.29E-03	3.61E-07	1.26E-07	1.05E-04	1.65E-08	5.75E-09
1421	495061.06, 3858401.99	2.27E-03	3.58E-07	1.25E-07	1.94E-04	3.06E-08	1.07E-08	2.31E-03	3.63E-07	1.27E-07	2.24E-04	3.53E-08	1.23E-08	2.26E-03	3.57E-07	1.24E-07	1.03E-04	1.63E-08	5.68E-09
1422	495111.06, 3858401.99	2.22E-03	3.50E-07	1.22E-07	1.89E-04	2.98E-08	1.04E-08	2.26E-03	3.55E-07	1.24E-07	2.18E-04	3.44E-08	1.20E-08	2.22E-03	3.49E-07	1.22E-07	1.01E-04	1.59E-08	5.54E-09
1423	495161.06, 3858401.99	2.21E-03	3.48E-07	1.21E-07	1.88E-04	2.97E-08	1.03E-08	2.24E-03	3.53E-07	1.23E-07	2.17E-04	3.43E-08	1.19E-08	2.20E-03	3.47E-07	1.21E-07	1.01E-04	1.58E-08	5.52E-09
1424	495211.06, 3858401.99	2.17E-03	3.42E-07	1.19E-07	1.84E-04	2.90E-08	1.01E-08	2.20E-03	3.47E-07	1.21E-07	2.12E-04	3.35E-08	1.17E-08	2.16E-03	3.41E-07	1.19E-07	9.82E-05	1.55E-08	5.39E-09
1425	495261.06, 3858401.99	2.14E-03	3.38E-07	1.18E-07	1.82E-04	2.87E-08	9.99E-09	2.17E-03	3.42E-07	1.19E-07	2.10E-04	3.31E-08	1.15E-08	2.14E-03	3.37E-07	1.17E-07	9.71E-05	1.53E-08	5.33E-09
1426	495311.06, 3858401.99	2.12E-03	3.34E-07	1.16E-07	1.80E-04	2.83E-08	9.86E-09	2.15E-03	3.38E-07	1.18E-07	2.07E-04	3.26E-08	1.14E-08	2.11E-03	3.32E-07	1.16E-07	9.59E-05	1.51E-08	5.26E-09
1427	495361.06, 3858401.99	2.10E-03	3.31E-07	1.15E-07	1.78E-04	2.81E-08	9.78E-09	2.13E-03	3.35E-07	1.17E-07	2.06E-04	3.24E-08	1.13E-08	2.09E-03	3.29E-07	1.15E-07	9.51E-05	1.50E-08	5.22E-09
1428	495411.06, 3858401.99	2.09E-03	3.29E-07	1.14E-07	1.77E-04	2.80E-08	9.74E-09	2.12E-03	3.33E-07	1.16E-07	2.05E-04	3.23E-08	1.12E-08	2.08E-03	3.27E-07	1.14E-07	9.47E-05	1.49E-08	5.20E-09
1429	495461.06, 3858401.99	2.08E-03	3.27E-07	1.14E-07	1.77E-04	2.79E-08	9.72E-09	2.11E-03	3.32E-07	1.16E-07	2.04E-04	3.22E-08	1.12E-08	2.07E-03	3.26E-07	1.14E-07	9.45E-05	1.49E-08	5.19E-09
1430	495511.06, 3858401.99	2.06E-03	3.25E-07	1.13E-07	1.76E-04	2.78E-08	9.68E-09	2.09E-03	3.30E-07	1.15E-07	2.04E-04	3.21E-08	1.12E-08	2.06E-03	3.24E-07	1.13E-07	9.41E-05	1.48E-08	5.17E-09
1431	495561.06, 3858401.99	2.04E-03	3.22E-07	1.12E-07	1.75E-04	2.76E-08	9.60E-09	2.07E-03	3.27E-07	1.14E-07	2.02E-04	3.18E-08	1.11E-08	2.04E-03	3.21E-07	1.12E-07	9.34E-05	1.47E-08	5.12E-09
1432	495611.06, 3858401.99	2.03E-03	3.20E-07	1.12E-07	1.75E-04	2.75E-08	9.58E-09	2.06E-03	3.25E-07	1.13E-07	2.01E-04	3.17E-08	1.10E-08	2.03E-03	3.19E-07	1.11E-07	9.31E-05	1.47E-08	5.11E-09
1433	495661.06, 3858401.99	2.03E-03	3.20E-07	1.12E-07	1.75E-04	2.76E-08	9.61E-09	2.06E-03	3.25E-07	1.13E-07	2.02E-04	3.18E-08	1.11E-08	2.03E-03	3.19E-07	1.11E-07	9.34E-05	1.47E-08	5.13E-09
1434	494311.06, 3858451.99	2.80E-03	4.41E-07	1.54E-07	2.36E-04	3.72E-08	1.30E-08	2.84E-03	4.47E-07	1.56E-07	2.72E-04	4.29E-08	1.49E-08	2.79E-03	4.40E-07	1.53E-07	1.26E-04	1.98E-08	6.90E-09
1435	494361.06, 3858451.99	2.76E-03	4.35E-07	1.51E-07	2.33E-04	3.67E-08	1.28E-08	2.80E-03	4.41E-07	1.54E-07	2.69E-04	4.23E-08	1.47E-08	2.75E-03	4.34E-07	1.51E-07	1.24E-04	1.95E-08	6.81E-09
1436	494411.06, 3858451.99	2.73E-03	4.30E-07	1.50E-07	2.30E-04	3.63E-08	1.26E-08	2.77E-03	4.36E-07	1.52E-07	2.66E-04	4.19E-08	1.46E-08	2.72E-03	4.28E-07	1.49E-07	1.23E-04	1.93E-08	6.73E-09
1437	494461.06, 3858451.99	2.70E-03	4.25E-07	1.48E-07	2.28E-04	3.59E-08	1.25E-08	2.74E-03	4.31E-07	1.50E-07	2.63E-04	4.15E-08	1.44E-08	2.69E-03	4.24E-07	1.48E-07	1.22E-04	1.91E-08	6.67E-09
1438	494511.06, 3858451.99	2.68E-03	4.22E-07	1.47E-07	2.27E-04	3.58E-08	1.25E-08	2.72E-03	4.28E-07	1.49E-07	2.62E-04	4.13E-08	1.44E-08	2.67E-03	4.21E-07	1.47E-07	1.21E-04	1.90E-08	6.64E-09
1439	494561.06, 3858451.99	2.64E-03	4.16E-07	1.45E-07	2.24E-04	3.53E-08	1.23E-08	2.68E-03	4.22E-07	1.47E-07	2.58E-04	4.07E-08	1.42E-08	2.64E-03	4.15E-07	1.45E-07	1.19E-04	1.88E-08	6.55E-09
1440	494611.06, 3858451.99	2.61E-03	4.12E-07	1.44E-07	2.22E-04	3.50E-08	1.22E-08	2.65E-03	4.18E-07	1.46E-07	2.56E-04	4.03E-08	1.41E-08	2.61E-03	4.11E-07	1.43E-07	1.18E-04	1.86E-08	6.49E-09
1441	494661.06, 3858451.99	2.59E-03	4.07E-07	1.42E-07	2.20E-04	3.46E-08	1.21E-08	2.62E-03	4.13E-07	1.44E-07	2.53E-04	3.99E-08	1.39E-08	2.58E-03	4.06E-07	1.42E-07	1.17E-04	1.84E-08	6.42E-09
1442	494711.06, 3858451.99	2.55E-03	4.02E-07	1.40E-07	2.16E-04	3.41E-08	1.19E-08	2.59E-03	4.07E-07	1.42E-07	2.50E-04	3.93E-08	1.37E-08	2.54E-03	4.00E-07	1.40E-07	1.15E-04	1.82E-08	6.33E-09
1443	494761.06, 3858451.99	2.51E-03	3.96E-07	1.38E-07	2.13E-04	3.36E-08	1.17E-08	2.55E-03	4.02E-07	1.40E-07	2.46E-04	3.88E-08	1.35E-08	2.51E-03	3.95E-07	1.38E-07	1.14E-04	1.79E-08	6.24E-09
1444	494811.06, 3858451.99	2.48E-03	3.91E-07	1.36E-07	2.11E-04	3.32E-08	1.16E-08	2.52E-03	3.97E-07	1.38E-07	2.43E-04	3.83E-08	1.34E-08	2.48E-03	3.90E-07	1.36E-07	1.12E-04	1.77E-08	6.16E-09
1445	494861.06, 3858451.99	2.45E-03	3.86E-07	1.34E-07	2.08E-04	3.27E-08	1.14E-08	2.49E-03	3.92E-07	1.36E-07	2.40E-04	3.78E-08	1.32E-08	2.44E-03	3.85E-07	1.34E-07	1.11E-04	1.74E-08	6.08E-09
1446	494911.06, 3858451.99	2.41E-03	3.80E-07	1.32E-07	2.04E-04	3.22E-08	1.12E-08	2.44E-03	3.85E-07	1.34E-07	2.36E-04	3.72E-08	1.29E-08	2.40E-03	3.79E-07	1.32E-07	1.09E-04	1.72E-08	5.98E-09
1447	494961.06, 3858451.99	2.38E-03	3.75E-07	1.30E-07	2.01E-04	3.17E-08	1.10E-08	2.41E-03	3.80E-07	1.32E-07	2.32E-04	3.66E-08	1.27E-08	2.37E-03	3.73E-07	1.30E-07	1.07E-04	1.69E-08	5.89E-09
1448	495011.06, 3858451.99	2.34E-03	3.69E-07	1.28E-07	1.98E-04	3.11E-08	1.08E-08	2.37E-03	3.74E-07	1.30E-07	2.28E-04	3.59E-08	1.25E-08	2.33E-03	3.68E-07	1.28E-07	1.05E-04	1.66E-08	5.78E-09
1449	495061.06, 3858451.99	2.32E-03	3.65E-07	1.27E-07	1.96E-04	3.09E-08	1.08E-08	2.35E-03	3.71E-07	1.29E-07	2.26E-04	3.57E-08	1.24E-08	2.31E-03	3.64E-07	1.27E-07	1.05E-04	1.65E-08	5.74E-09
1450	495111.06, 3858451.99	2.28E-03	3.60E-07	1.25E-07	1.93E-04	3.04E-08	1.06E-08	2.32E-03	3.65E-07	1.27E-07	2.23E-04	3.51E-08	1.22E-08	2.28E-03	3.59E-07	1.25E-07	1.03E-04	1.62E-08	5.64E-09
1451	495161.06, 3858451.99	2.24E-03	3.53E-07	1.23E-07	1.89E-04	2.98E-08	1.04E-08	2.27E-03	3.58E-07	1.25E-07	2.18E-04	3.44E-08	1.20E-08	2.24E-03	3.52E-07	1.23E-07	1.01E-04	1.59E-08	5.53E-09
1452	495211.06, 3858451.99	2.21E-03	3.47E-07	1.21E-07	1.86E-04	2.92E-08	1.02E-08	2.24E-03	3.52E-07	1.23E-07	2.14E-04	3.37E-08	1.18E-08	2.20E-03	3.47E-07	1.21E-07	9.90E-05	1.56E-08	5.43E-09
1453	495261.06, 3858451.99	2.18E-03	3.43E-07	1.20E-07	1.84E-04	2.89E-08	1.01E-08	2.21E-03	3.48E-07	1.21E-07	2.12E-04	3.34E-08	1.16E-08	2.17E-03	3.43E-07	1.19E-07	9.79E-05	1.54E-08	5.37E-09
1454	495311.06, 3858451.99	2.16E-03	3.40E-07	1.18E-07	1.82E-04	2.87E-08	9.98E-09	2.19E-03	3.45E-07	1.20E-07	2.10E-04	3.31E-08	1.15E-08	2.15E-03	3.39E-07	1.18E-07	9.70E-05	1.53E-08	5.32E-09
1455	495361.06, 3858451.99	2.14E-03	3.37E-07	1.17E-07	1.80E-04	2.84E-08	9.90E-09	2.17E-03	3.42E-07	1.19E-07	2.08E-04	3.28E-08	1.14E-08	2.13E-03	3.36E-07	1.17E-07	9.62E-05	1.52E-08	5.28E-09
1456	495411.06, 3858451.99	2.13E-03	3.36E-07	1.17E-07	1.80E-04	2.83E-08	9.87E-09	2.16E-03	3.40E-07	1.19E-07	2.08E-04	3.27E-08	1.14E-08	2.12E-03	3.35E-07	1.17E-07	9.59E-05	1.51E-08	5.27E-09
1457	495461.06, 3858451.99	2.12E-03	3.34E-07	1.16E-07	1.80E-04	2.83E-08	9.86E-09	2.15E-03	3.39E-07	1.18E-07	2.07E-04	3.26E-08	1.14E-08	2.11E-03	3.33E-07	1.16E-07	9.58E-05	1.51E-08	5.26E-09
1458	495511.06, 3858451.99	2.10E-03	3.31E-07	1.15E-07	1.78E-04	2.80E-08	9.77E-09	2.13E-03	3.35E-07	1.17E-07	2.05E-04	3.23E-08	1.13E-08	2.09E-03	3.30E-07	1.15E-07	9.49E-05	1.50E-08	5.21E-09
1459	495561.06, 3858451.99	2.10E-03	3.30E-07	1.15E-07	1.78E-04	2.81E-08	9.79E-09	2.13E-03	3.35E-07	1.17E-07	2.06E-04	3.24E-08	1.13E-08	2.09E-03	3.29E-07	1.15E-07	9.52E-05	1.50E-08	5.22E-09
1460	495611.06, 3858451.99	2.07E-03	3.26E-07	1.14E-07	1.76E-04	2.78E-08	9.68E-09	2.10E-03	3.31E-07	1.15E-07	2.03E-04	3.21E-08	1.12E-08	2.07E-03	3.25E-07	1.13E-07	9.40E-05	1.48E-08	5.16E-09
1461	495661.06, 3858451.99	2.07E-03	3.25E-07	1.13E-07	1.76E-04	2.78E-08	9.68E-09	2.10E-03	3.30E-07	1.15E-07	2.03E-04	3.20E-08	1.12E-08	2.06E-03	3.24E-07	1.13E-07	9.40E-05	1.48E-08	5.16E-09
1462	494311.06, 3858501.99	2.84E-03	4.47E-07	1.56E-07	2.36E-04	3.71E-08	1.29E-08	2.88E-03	4.53E-07	1.58E-07	2.72E-04	4.28E-08	1.49E-08	2.83E-03	4.46E-07	1.56E-07	1.25E-04	1.98E-08	6.89E-09
1463	494361.06, 3858501.99	2.81E-03	4.43E-07	1.54E-07	2.34E-04	3.68E-08	1.28E-08	2.85E-03	4.49E-07	1.56E-07	2.70E-04	4.25E-08	1.48E-08	2.81E-03	4.42E-07	1.54E-07	1.24E-04	1.96E-08	6.83E-09
1464	494411.06, 3858501.99	2.78E-03	4.38E-07	1.53E-07	2.31E-04	3.65E-08	1.27E-08	2.82E-03	4.44E-07	1.55E-07	2.67E-04	4.21E-08	1.47E-08	2.78E-03	4.37E-07	1.52E-07	1.23E-04	1.94E-08	6.77E-09
1465	494461.06, 3858501.99	2.76E-03	4.35E-07	1.51E-07	2.30E-04	3.63E-08	1.26E-08	2.80E-03	4.41E-07	1.53E-07	2.66E-04	4.19E-08	1.46E-08	2.75E-03	4.34E-07	1.51E-07	1.23E-04	1.93E-08	6.73E-09
1466	494511.06, 3858501.99	2.72E-03	4.28E-07	1.49E-07	2.27E-04	3.58E-08	1.25E-08	2.76E-03	4.34E-07	1.51E-07	2.62E-04	4.13E-08	1.44E-08	2.71E-03	4.27E-07	1.49E-07	1.21E-04	1.90E-08	6.64E-09
1467	494561.06, 3858501.99	2.72E-03	4.28E-07	1.49E-07	2.28E-04	3.59E-08	1.25E-08	2.75E-03	4.34E-07	1.51E-07	2.63E-04	4.14E-08	1.44E-08	2.71E-03	4.27E-07	1.49E-07	1.21E-04	1.91E-08	6.65E-09
1468	494611.06, 3858501.99	2.68E-03	4.22E-07	1.47E-07	2.25E-04	3.54E-08	1.23E-08	2.72E-03	4.28E-07	1.49E-07	2.60E-04	4.09E-08	1.42E-08	2.67E-03	4.21E-07	1.47E-07	1.20E-04	1.89E-08	6.58E-09
1469	494661.06, 3858501.99	2.66E-03	4.18E-07	1.46E-07	2.23E-04	3.52E-08	1.23E-08	2.69E-03	4.24E-07	1.48E-07	2.58E-04	4.06E-08	1.41E-08	2.65E-03	4.18E-07	1.45E-07	1.19E-04	1.87E-08	6.53E-09
1470	494711.06, 3858501.99	2.62E-03	4.13E-07	1.44E-07	2.20E-04	3.47E-08	1.21E-08	2.66E-03	4.18E-07	1.46E-07	2.54E-04	4.00E-08	1.39E-08	2.61E-03	4.12E-07	1.43E-07	1.17E-04	1.85E-08	6.43E-09

1471	494761.06, 3858501.99	2.58E-03	4.06E-07	1.41E-07	2.16E-04	3.41E-08	1.19E-08	2.61E-03	4.12E-07	1.43E-07	2.50E-04	3.94E-08	1.37E-08	2.57E-03	4.05E-07	1.41E-07	1.15E-04	1.82E-08	6.33E-09
1472	494811.06, 3858501.99	2.54E-03	4.00E-07	1.39E-07	2.13E-04	3.36E-08	1.17E-08	2.57E-03	4.05E-07	1.41E-07	2.46E-04	3.87E-08	1.35E-08	2.53E-03	3.99E-07	1.39E-07	1.13E-04	1.79E-08	6.23E-09
1473	494861.06, 3858501.99	2.51E-03	3.95E-07	1.38E-07	2.11E-04	3.32E-08	1.16E-08	2.54E-03	4.01E-07	1.40E-07	2.43E-04	3.83E-08	1.34E-08	2.50E-03	3.94E-07	1.37E-07	1.12E-04	1.77E-08	6.16E-09
1474	494911.06, 3858501.99	2.46E-03	3.87E-07	1.35E-07	2.06E-04	3.25E-08	1.13E-08	2.49E-03	3.93E-07	1.37E-07	2.38E-04	3.75E-08	1.31E-08	2.45E-03	3.86E-07	1.35E-07	1.10E-04	1.73E-08	6.03E-09
1475	494961.06, 3858501.99	2.43E-03	3.83E-07	1.33E-07	2.04E-04	3.21E-08	1.12E-08	2.46E-03	3.88E-07	1.35E-07	2.35E-04	3.70E-08	1.29E-08	2.42E-03	3.82E-07	1.33E-07	1.09E-04	1.71E-08	5.96E-09
1476	495011.06, 3858501.99	2.39E-03	3.76E-07	1.31E-07	2.00E-04	3.15E-08	1.10E-08	2.42E-03	3.81E-07	1.33E-07	2.30E-04	3.63E-08	1.26E-08	2.38E-03	3.75E-07	1.31E-07	1.06E-04	1.68E-08	5.84E-09
1477	495061.06, 3858501.99	2.36E-03	3.73E-07	1.30E-07	1.98E-04	3.12E-08	1.09E-08	2.40E-03	3.78E-07	1.32E-07	2.29E-04	3.60E-08	1.26E-08	2.36E-03	3.72E-07	1.29E-07	1.06E-04	1.66E-08	5.80E-09
1478	495111.06, 3858501.99	2.31E-03	3.64E-07	1.27E-07	1.93E-04	3.04E-08	1.06E-08	2.35E-03	3.69E-07	1.29E-07	2.23E-04	3.51E-08	1.22E-08	2.31E-03	3.64E-07	1.27E-07	1.03E-04	1.62E-08	5.65E-09
1479	495161.06, 3858501.99	2.28E-03	3.59E-07	1.25E-07	1.90E-04	2.99E-08	1.04E-08	2.31E-03	3.64E-07	1.27E-07	2.19E-04	3.46E-08	1.20E-08	2.27E-03	3.58E-07	1.25E-07	1.01E-04	1.60E-08	5.56E-09
1480	495211.06, 3858501.99	2.24E-03	3.54E-07	1.23E-07	1.87E-04	2.95E-08	1.03E-08	2.28E-03	3.59E-07	1.25E-07	2.16E-04	3.40E-08	1.18E-08	2.24E-03	3.53E-07	1.23E-07	9.97E-05	1.57E-08	5.47E-09
1481	495261.06, 3858501.99	2.22E-03	3.50E-07	1.22E-07	1.85E-04	2.92E-08	1.02E-08	2.25E-03	3.55E-07	1.24E-07	2.14E-04	3.36E-08	1.17E-08	2.21E-03	3.49E-07	1.22E-07	9.87E-05	1.55E-08	5.42E-09
1482	495311.06, 3858501.99	2.20E-03	3.47E-07	1.21E-07	1.84E-04	2.90E-08	1.01E-08	2.23E-03	3.52E-07	1.23E-07	2.12E-04	3.34E-08	1.17E-08	2.20E-03	3.46E-07	1.21E-07	9.81E-05	1.55E-08	5.38E-09
1483	495361.06, 3858501.99	2.19E-03	3.45E-07	1.20E-07	1.83E-04	2.88E-08	1.00E-08	2.22E-03	3.49E-07	1.22E-07	2.11E-04	3.33E-08	1.16E-08	2.18E-03	3.44E-07	1.20E-07	9.76E-05	1.54E-08	5.36E-09
1484	495411.06, 3858501.99	2.17E-03	3.43E-07	1.19E-07	1.83E-04	2.88E-08	1.00E-08	2.20E-03	3.47E-07	1.21E-07	2.11E-04	3.32E-08	1.16E-08	2.17E-03	3.42E-07	1.19E-07	9.73E-05	1.53E-08	5.34E-09
1485	495461.06, 3858501.99	2.16E-03	3.41E-07	1.19E-07	1.82E-04	2.87E-08	9.99E-09	2.19E-03	3.45E-07	1.20E-07	2.10E-04	3.31E-08	1.15E-08	2.16E-03	3.40E-07	1.18E-07	9.70E-05	1.53E-08	5.32E-09
1486	495511.06, 3858501.99	2.15E-03	3.38E-07	1.18E-07	1.81E-04	2.85E-08	9.94E-09	2.18E-03	3.43E-07	1.20E-07	2.09E-04	3.29E-08	1.15E-08	2.14E-03	3.37E-07	1.18E-07	9.65E-05	1.52E-08	5.30E-09
1487	495561.06, 3858501.99	2.14E-03	3.38E-07	1.18E-07	1.81E-04	2.86E-08	9.96E-09	2.17E-03	3.43E-07	1.19E-07	2.09E-04	3.30E-08	1.15E-08	2.14E-03	3.37E-07	1.17E-07	9.67E-05	1.52E-08	5.31E-09
1488	495611.06, 3858501.99	2.13E-03	3.35E-07	1.17E-07	1.80E-04	2.84E-08	9.90E-09	2.16E-03	3.40E-07	1.18E-07	2.08E-04	3.28E-08	1.14E-08	2.12E-03	3.34E-07	1.16E-07	9.61E-05	1.51E-08	5.28E-09
1489	495661.06, 3858501.99	2.11E-03	3.33E-07	1.16E-07	1.80E-04	2.83E-08	9.86E-09	2.14E-03	3.38E-07	1.18E-07	2.07E-04	3.27E-08	1.14E-08	2.11E-03	3.32E-07	1.16E-07	9.58E-05	1.51E-08	5.26E-09
1490	494311.06, 3858551.99	2.84E-03	4.47E-07	1.56E-07	2.31E-04	3.64E-08	1.27E-08	2.88E-03	4.54E-07	1.58E-07	2.67E-04	4.21E-08	1.47E-08	2.84E-03	4.47E-07	1.56E-07	1.23E-04	1.94E-08	6.77E-09
1491	494361.06, 3858551.99	2.85E-03	4.49E-07	1.56E-07	2.33E-04	3.68E-08	1.28E-08	2.89E-03	4.55E-07	1.58E-07	2.69E-04	4.24E-08	1.48E-08	2.85E-03	4.48E-07	1.56E-07	1.24E-04	1.96E-08	6.82E-09
1492	494411.06, 3858551.99	2.85E-03	4.49E-07	1.56E-07	2.34E-04	3.69E-08	1.29E-08	2.89E-03	4.55E-07	1.59E-07	2.70E-04	4.26E-08	1.48E-08	2.85E-03	4.49E-07	1.56E-07	1.25E-04	1.96E-08	6.84E-09
1493	494461.06, 3858551.99	2.84E-03	4.47E-07	1.56E-07	2.34E-04	3.68E-08	1.28E-08	2.88E-03	4.53E-07	1.58E-07	2.70E-04	4.25E-08	1.48E-08	2.83E-03	4.46E-07	1.56E-07	1.25E-04	1.96E-08	6.84E-09
1494	494511.06, 3858551.99	2.81E-03	4.43E-07	1.54E-07	2.32E-04	3.66E-08	1.27E-08	2.85E-03	4.49E-07	1.56E-07	2.68E-04	4.22E-08	1.47E-08	2.81E-03	4.42E-07	1.54E-07	1.24E-04	1.95E-08	6.79E-09
1495	494561.06, 3858551.99	2.79E-03	4.39E-07	1.53E-07	2.31E-04	3.64E-08	1.27E-08	2.83E-03	4.46E-07	1.55E-07	2.67E-04	4.20E-08	1.46E-08	2.79E-03	4.39E-07	1.53E-07	1.23E-04	1.94E-08	6.75E-09
1496	494611.06, 3858551.99	2.76E-03	4.35E-07	1.51E-07	2.29E-04	3.61E-08	1.26E-08	2.80E-03	4.41E-07	1.54E-07	2.64E-04	4.16E-08	1.45E-08	2.76E-03	4.34E-07	1.51E-07	1.22E-04	1.92E-08	6.69E-09
1497	494661.06, 3858551.99	2.73E-03	4.30E-07	1.50E-07	2.27E-04	3.58E-08	1.25E-08	2.77E-03	4.36E-07	1.52E-07	2.62E-04	4.13E-08	1.44E-08	2.73E-03	4.30E-07	1.50E-07	1.21E-04	1.91E-08	6.64E-09
1498	494711.06, 3858551.99	2.69E-03	4.24E-07	1.48E-07	2.24E-04	3.52E-08	1.23E-08	2.73E-03	4.29E-07	1.50E-07	2.58E-04	4.07E-08	1.42E-08	2.68E-03	4.23E-07	1.47E-07	1.19E-04	1.88E-08	6.53E-09
1499	494761.06, 3858551.99	2.65E-03	4.17E-07	1.45E-07	2.20E-04	3.47E-08	1.21E-08	2.68E-03	4.23E-07	1.47E-07	2.54E-04	4.00E-08	1.39E-08	2.64E-03	4.16E-07	1.45E-07	1.17E-04	1.85E-08	6.43E-09
1500	494811.06, 3858551.99	2.61E-03	4.11E-07	1.43E-07	2.17E-04	3.42E-08	1.19E-08	2.65E-03	4.17E-07	1.45E-07	2.51E-04	3.95E-08	1.38E-08	2.61E-03	4.11E-07	1.43E-07	1.16E-04	1.82E-08	6.35E-09
1501	494861.06, 3858551.99	2.57E-03	4.05E-07	1.41E-07	2.14E-04	3.37E-08	1.17E-08	2.60E-03	4.10E-07	1.43E-07	2.47E-04	3.89E-08	1.35E-08	2.56E-03	4.04E-07	1.41E-07	1.14E-04	1.79E-08	6.25E-09
1502	494911.06, 3858551.99	2.52E-03	3.97E-07	1.38E-07	2.10E-04	3.30E-08	1.15E-08	2.56E-03	4.03E-07	1.40E-07	2.42E-04	3.81E-08	1.33E-08	2.52E-03	3.97E-07	1.38E-07	1.12E-04	1.76E-08	6.12E-09
1503	494961.06, 3858551.99	2.48E-03	3.91E-07	1.36E-07	2.06E-04	3.25E-08	1.13E-08	2.52E-03	3.97E-07	1.38E-07	2.38E-04	3.75E-08	1.31E-08	2.48E-03	3.91E-07	1.36E-07	1.10E-04	1.73E-08	6.03E-09
1504	495011.06, 3858551.99	2.44E-03	3.84E-07	1.34E-07	2.02E-04	3.19E-08	1.11E-08	2.47E-03	3.89E-07	1.36E-07	2.33E-04	3.68E-08	1.28E-08	2.43E-03	3.83E-07	1.34E-07	1.08E-04	1.70E-08	5.91E-09
1505	495061.06, 3858551.99	2.41E-03	3.79E-07	1.32E-07	2.00E-04	3.14E-08	1.10E-08	2.44E-03	3.85E-07	1.34E-07	2.30E-04	3.63E-08	1.26E-08	2.40E-03	3.79E-07	1.32E-07	1.06E-04	1.67E-08	5.83E-09
1506	495111.06, 3858551.99	2.35E-03	3.71E-07	1.29E-07	1.95E-04	3.06E-08	1.07E-08	2.39E-03	3.76E-07	1.31E-07	2.25E-04	3.54E-08	1.23E-08	2.35E-03	3.70E-07	1.29E-07	1.04E-04	1.63E-08	5.69E-09
1507	495161.06, 3858551.99	2.32E-03	3.65E-07	1.27E-07	1.91E-04	3.02E-08	1.05E-08	2.35E-03	3.70E-07	1.29E-07	2.21E-04	3.48E-08	1.21E-08	2.31E-03	3.65E-07	1.27E-07	1.02E-04	1.61E-08	5.60E-09
1508	495211.06, 3858551.99	2.29E-03	3.60E-07	1.25E-07	1.89E-04	2.97E-08	1.04E-08	2.32E-03	3.65E-07	1.27E-07	2.18E-04	3.43E-08	1.20E-08	2.28E-03	3.60E-07	1.25E-07	1.01E-04	1.59E-08	5.52E-09
1509	495261.06, 3858551.99	2.26E-03	3.57E-07	1.24E-07	1.87E-04	2.95E-08	1.03E-08	2.29E-03	3.61E-07	1.26E-07	2.16E-04	3.40E-08	1.18E-08	2.26E-03	3.56E-07	1.24E-07	9.97E-05	1.57E-08	5.47E-09
1510	495311.06, 3858551.99	2.25E-03	3.54E-07	1.23E-07	1.86E-04	2.94E-08	1.02E-08	2.28E-03	3.59E-07	1.25E-07	2.15E-04	3.39E-08	1.18E-08	2.25E-03	3.54E-07	1.23E-07	9.93E-05	1.56E-08	5.45E-09
1511	495361.06, 3858551.99	2.23E-03	3.52E-07	1.23E-07	1.85E-04	2.92E-08	1.02E-08	2.26E-03	3.57E-07	1.24E-07	2.14E-04	3.37E-08	1.17E-08	2.23E-03	3.51E-07	1.22E-07	9.88E-05	1.56E-08	5.42E-09
1512	495411.06, 3858551.99	2.22E-03	3.50E-07	1.22E-07	1.85E-04	2.92E-08	1.02E-08	2.25E-03	3.55E-07	1.24E-07	2.14E-04	3.37E-08	1.17E-08	2.22E-03	3.50E-07	1.22E-07	9.87E-05	1.55E-08	5.41E-09
1513	495461.06, 3858551.99	2.21E-03	3.48E-07	1.21E-07	1.84E-04	2.91E-08	1.01E-08	2.24E-03	3.53E-07	1.23E-07	2.13E-04	3.35E-08	1.17E-08	2.21E-03	3.47E-07	1.21E-07	9.83E-05	1.55E-08	5.39E-09
1514	495511.06, 3858551.99	2.20E-03	3.47E-07	1.21E-07	1.84E-04	2.90E-08	1.01E-08	2.23E-03	3.52E-07	1.22E-07	2.13E-04	3.35E-08	1.17E-08	2.20E-03	3.46E-07	1.21E-07	9.82E-05	1.55E-08	5.39E-09
1515	495561.06, 3858551.99	2.19E-03	3.44E-07	1.20E-07	1.84E-04	2.89E-08	1.01E-08	2.22E-03	3.49E-07	1.22E-07	2.12E-04	3.34E-08	1.16E-08	2.18E-03	3.44E-07	1.20E-07	9.78E-05	1.54E-08	5.37E-09
1516	495611.06, 3858551.99	2.17E-03	3.42E-07	1.19E-07	1.83E-04	2.88E-08	1.00E-08	2.20E-03	3.47E-07	1.21E-07	2.11E-04	3.32E-08	1.16E-08	2.17E-03	3.41E-07	1.19E-07	9.72E-05	1.53E-08	5.34E-09
1517	495661.06, 3858551.99	2.15E-03	3.39E-07	1.18E-07	1.81E-04	2.86E-08	9.95E-09	2.18E-03	3.44E-07	1.20E-07	2.09E-04	3.30E-08	1.15E-08	2.15E-03	3.38E-07	1.18E-07	9.66E-05	1.52E-08	5.30E-09
1518	494311.06, 3858601.99	2.75E-03	4.33E-07	1.51E-07	2.17E-04	3.42E-08	1.19E-08	2.79E-03	4.39E-07	1.53E-07	2.50E-04	3.94E-08	1.37E-08	2.75E-03	4.34E-07	1.51E-07	1.16E-04	1.82E-08	6.34E-09
1519	494361.06, 3858601.99	2.86E-03	4.51E-07	1.57E-07	2.30E-04	3.63E-08	1.26E-08	2.90E-03	4.57E-07	1.59E-07	2.66E-04	4.19E-08	1.46E-08	2.86E-03	4.51E-07	1.57E-07	1.23E-04	1.93E-08	6.73E-09
1520	494411.06, 3858601.99	2.93E-03	4.62E-07	1.61E-07	2.38E-04	3.75E-08	1.31E-08	2.97E-03	4.69E-07	1.63E-07	2.75E-04	4.33E-08	1.51E-08	2.93E-03	4.62E-07	1.61E-07	1.27E-04	2.00E-08	6.96E-09
1521	494461.06, 3858601.99	2.92E-03	4.60E-07	1.60E-07	2.38E-04	3.75E-08	1.31E-08	2.96E-03	4.66E-07	1.62E-07	2.74E-04	4.32E-08	1.51E-08	2.92E-03	4.60E-07	1.60E-07	1.27E-04	1.99E-08	6.95E-09
1522	494511.06, 3858601.99	2.88E-03	4.53E-07	1.58E-07	2.35E-04	3.71E-08	1.29E-08	2.92E-03	4.60E-07	1.60E-07	2.72E-04	4.28E-08	1.49E-08	2.88E-03	4.53E-07	1.58E-07	1.25E-04	1.97E-08	6.88E-09
1523	494561.06, 3858601.99	2.88E-03	4.53E-07	1.58E-07	2.36E-04	3.71E-08	1.29E-08	2.91E-03	4.59E-07	1.60E-07	2.72E-04	4.28E-08	1.49E-08	2.87E-03	4.53E-07	1.58E-07	1.25E-04	1.98E-08	6.88E-09
1524	494611.06, 3858601.99	2.84E-03	4.47E-07	1.56E-07	2.33E-04	3.67E-08	1.28E-08	2.88E-03	4.53E-07	1.58E-07	2.69E-04	4.23E-08	1.47E-08	2.83E-03	4.47E-07	1.56E-07	1.24E-04	1.95E-08	6.80E-09
1525	494661.06, 3858601.99	2.81E-03	4.42E-07	1.54E-07	2.31E-04	3.63E-08	1.27E-08	2.85E-03	4.48E-07	1.56E-07	2.66E-04	4.19E-08	1.46E-08	2.80E-03	4.42E-07	1.54E-07	1.23E-04	1.93E-08	6.74E-09
1526	494711.06, 3858601.99	2.76E-03	4.36E-07	1.52E-07	2.27E-04	3.58E-08	1.25E-08	2.80E-03	4.42E-07	1.54E-07	2.62E-04	4.13E-08	1.44E-08	2.76E-03	4.35E-07	1.52E-07	1.21E-04	1.91E-08	6.64E-09
1527	494761.06, 3858601.99	2.72E-03	4.29E-07	1.49E-07	2.24E-04	3.53E-08	1.23E-08	2.76E-03	4.35E-07	1.51E-07	2.58E-04	4.07E-08	1.42E-08	2.72E-03	4.28E-07	1.49E-07	1.19E-04	1.88E-08	6.54E-09
1528	494811.06, 3858601.99	2.66E-03	4.19E-07	1.46E-07	2.19E-04	3.45E-08	1.20E-08	2.70E-03	4.25E-07	1.48E-07	2.52E-04	3.98E-08	1.39E-08	2.66E-03	4.19E-07	1.46E-07	1.16E-04	1.83E-08	6.39E-09
1529	494861.06, 3858601.99	2.63E-03	4.14E-07	1.44E-07	2.16E-04	3.40E-08	1.19E-08	2.66E-03	4.20E-07	1.46E-07	2.49E-04	3.93E-08	1.37E-08	2.63E-03	4.14E-07	1.44E-07	1.15E-04	1.81E-08	6.32E-09
1530	494911.06, 3858601.99	2.57E-03	4.05E-07	1.41E-07	2.11E-04	3.33E-08	1.16E-08	2.61E-03	4.11E-07	1.43E-07	2.44E-04	3.84E-08	1.34E-08	2.57E-03	4.05E-07	1.41E-07	1.13E-04	1.77E-08	6.18E-09
1531	494961.06, 3858601.99	2.53E-03	3.99E-07	1.39E-07	2.08E-04	3.28E-08	1.14E-08	2.57E-03	4.05E-07	1.41E-07	2.40E-04	3.78E-08	1.32E-08	2.53E-03	3.99E-07	1.39E-07	1.11E-04	1.75E-08	6.08E-09
1532	495011.06, 3858601.99	2.49E-03	3.93E-07	1.37E-07	2.05E-04	3.23E-08	1.12E-08	2.53E-03	3.98E-07	1.39E-07	2.36E-04	3.72E-08	1.30E-08	2.49E-03	3.92E-07	1.37E-07	1.09E-04	1.72E-08	5.98E-09
1533	495061.06, 3858601.99	2.45E-03	3.86E-07	1.34E-07	2.01E-04	3.17E-08	1.10E-08	2.48E-03	3.91E-07	1.36E-07	2.32E-04	3.66E-08	1.27E-08	2.45E-03	3.86E-07	1.34E-07	1.07E-04	1.69E-08	5.88E-09
1534	495111.06, 3858601.99	2.39E-03	3.77E-07	1.31E-07	1.96E-04	3.08E-08	1.07E-08	2.43E-03	3.82E-07	1.33E-07	2.26E-04	3.56E-08	1.24E-08	2.39E-03	3.77E-07	1.31E-07	1.04E-04	1.64E-08	5.72E-09
1535	495161.06, 3858601.99	2.36E-03	3.72E-07	1.29E-07	1.93E-04	3.04E-08	1.06E-08	2.39E-03	3.77E-07	1.31E-07	2.23E-04	3.51E-08	1.22E-08	2.36E-03	3.71E-07	1.29E-07	1.03E-04	1.62E-08	5.64E-09
1536	495211.06, 3858601.99	2.34E-03	3.68E-07	1.28E-07	1.91E-04	3.01E-08	1.05E-08	2.37E-03	3.73E-07	1.30E-07	2.21E-04	3.48E-08	1.21E-08	2.33E-03	3.68E-07	1.28E-07	1.02E-04	1.61E-08	5.59E-09
1537	495261.06, 3858601.99	2.31E-03	3.64E-07	1.27E-07	1.89E-04	2.98E-08	1.04E-08	2.34E-03	3.69E-07	1.29E-07	2.19E-04	3.44E-08	1.20E-08	2.31E-03	3.64E-07	1.27E-07	1.01E-04	1.59E-08	5.54E-09

1538	495311.06, 3858601.99	2.29E-03	3.61E-07	1.26E-07	1.88E-04	2.96E-08	1.03E-08	2.32E-03	3.66E-07	1.27E-07	2.17E-04	3.42E-08	1.19E-08	2.29E-03	3.61E-07	1.26E-07	1.00E-04	1.58E-08	5.50E-09
1539	495361.06, 3858601.99	2.28E-03	3.59E-07	1.25E-07	1.87E-04	2.95E-08	1.03E-08	2.31E-03	3.64E-07	1.27E-07	2.16E-04	3.41E-08	1.19E-08	2.27E-03	3.58E-07	1.25E-07	9.99E-05	1.57E-08	5.48E-09
1540	495411.06, 3858601.99	2.26E-03	3.57E-07	1.24E-07	1.87E-04	2.94E-08	1.03E-08	2.30E-03	3.62E-07	1.26E-07	2.16E-04	3.40E-08	1.18E-08	2.26E-03	3.56E-07	1.24E-07	9.96E-05	1.57E-08	5.46E-09
1541	495461.06, 3858601.99	2.25E-03	3.55E-07	1.24E-07	1.87E-04	2.94E-08	1.02E-08	2.28E-03	3.60E-07	1.25E-07	2.15E-04	3.39E-08	1.18E-08	2.25E-03	3.54E-07	1.23E-07	9.93E-05	1.57E-08	5.45E-09
1542	495511.06, 3858601.99	2.23E-03	3.52E-07	1.23E-07	1.85E-04	2.92E-08	1.02E-08	2.26E-03	3.57E-07	1.24E-07	2.14E-04	3.37E-08	1.17E-08	2.23E-03	3.51E-07	1.22E-07	9.86E-05	1.55E-08	5.41E-09
1543	495561.06, 3858601.99	2.23E-03	3.51E-07	1.22E-07	1.85E-04	2.92E-08	1.02E-08	2.26E-03	3.55E-07	1.24E-07	2.14E-04	3.37E-08	1.17E-08	2.22E-03	3.50E-07	1.22E-07	9.86E-05	1.55E-08	5.41E-09
1544	495611.06, 3858601.99	2.20E-03	3.47E-07	1.21E-07	1.83E-04	2.89E-08	1.01E-08	2.23E-03	3.52E-07	1.23E-07	2.12E-04	3.34E-08	1.16E-08	2.20E-03	3.46E-07	1.21E-07	9.77E-05	1.54E-08	5.36E-09
1545	495661.06, 3858601.99	2.19E-03	3.45E-07	1.20E-07	1.83E-04	2.89E-08	1.01E-08	2.22E-03	3.50E-07	1.22E-07	2.11E-04	3.33E-08	1.16E-08	2.19E-03	3.45E-07	1.20E-07	9.76E-05	1.54E-08	5.35E-09
1546	494311.06, 3858651.99	2.76E-03	4.35E-07	1.51E-07	2.13E-04	3.36E-08	1.17E-08	2.80E-03	4.40E-07	1.53E-07	2.46E-04	3.88E-08	1.35E-08	2.77E-03	4.36E-07	1.52E-07	1.14E-04	1.79E-08	6.24E-09
1547	494361.06, 3858651.99	2.87E-03	4.52E-07	1.58E-07	2.26E-04	3.57E-08	1.24E-08	2.91E-03	4.58E-07	1.60E-07	2.61E-04	4.12E-08	1.43E-08	2.88E-03	4.53E-07	1.58E-07	1.21E-04	1.90E-08	6.62E-09
1548	494411.06, 3858651.99	3.00E-03	4.72E-07	1.64E-07	2.40E-04	3.78E-08	1.32E-08	3.04E-03	4.78E-07	1.67E-07	2.77E-04	4.37E-08	1.52E-08	3.00E-03	4.72E-07	1.65E-07	1.28E-04	2.01E-08	7.02E-09
1549	494461.06, 3858651.99	2.99E-03	4.72E-07	1.64E-07	2.41E-04	3.79E-08	1.32E-08	3.03E-03	4.78E-07	1.67E-07	2.78E-04	4.37E-08	1.52E-08	3.00E-03	4.72E-07	1.64E-07	1.28E-04	2.02E-08	7.03E-09
1550	494511.06, 3858651.99	2.97E-03	4.67E-07	1.63E-07	2.39E-04	3.77E-08	1.31E-08	3.01E-03	4.74E-07	1.65E-07	2.76E-04	4.35E-08	1.51E-08	2.97E-03	4.67E-07	1.63E-07	1.27E-04	2.00E-08	6.98E-09
1551	494561.06, 3858651.99	2.95E-03	4.64E-07	1.62E-07	2.38E-04	3.75E-08	1.31E-08	2.99E-03	4.70E-07	1.64E-07	2.75E-04	4.33E-08	1.51E-08	2.95E-03	4.64E-07	1.62E-07	1.27E-04	2.00E-08	6.96E-09
1552	494611.06, 3858651.99	2.92E-03	4.60E-07	1.60E-07	2.37E-04	3.73E-08	1.30E-08	2.96E-03	4.66E-07	1.62E-07	2.73E-04	4.30E-08	1.50E-08	2.92E-03	4.60E-07	1.60E-07	1.26E-04	1.98E-08	6.91E-09
1553	494661.06, 3858651.99	2.88E-03	4.54E-07	1.58E-07	2.34E-04	3.69E-08	1.28E-08	2.92E-03	4.60E-07	1.60E-07	2.70E-04	4.25E-08	1.48E-08	2.88E-03	4.54E-07	1.58E-07	1.25E-04	1.96E-08	6.83E-09
1554	494711.06, 3858651.99	2.83E-03	4.46E-07	1.55E-07	2.30E-04	3.62E-08	1.26E-08	2.87E-03	4.52E-07	1.58E-07	2.66E-04	4.18E-08	1.46E-08	2.83E-03	4.46E-07	1.55E-07	1.22E-04	1.93E-08	6.72E-09
1555	494761.06, 3858651.99	2.79E-03	4.40E-07	1.53E-07	2.27E-04	3.58E-08	1.25E-08	2.83E-03	4.46E-07	1.55E-07	2.62E-04	4.13E-08	1.44E-08	2.79E-03	4.40E-07	1.53E-07	1.21E-04	1.90E-08	6.63E-09
1556	494811.06, 3858651.99	2.74E-03	4.31E-07	1.50E-07	2.23E-04	3.51E-08	1.22E-08	2.78E-03	4.37E-07	1.52E-07	2.57E-04	4.05E-08	1.41E-08	2.74E-03	4.31E-07	1.50E-07	1.18E-04	1.87E-08	6.50E-09
1557	494861.06, 3858651.99	2.69E-03	4.23E-07	1.48E-07	2.18E-04	3.44E-08	1.20E-08	2.72E-03	4.29E-07	1.50E-07	2.52E-04	3.97E-08	1.38E-08	2.69E-03	4.23E-07	1.47E-07	1.16E-04	1.83E-08	6.38E-09
1558	494911.06, 3858651.99	2.63E-03	4.15E-07	1.44E-07	2.14E-04	3.37E-08	1.17E-08	2.67E-03	4.20E-07	1.46E-07	2.47E-04	3.89E-08	1.35E-08	2.63E-03	4.15E-07	1.44E-07	1.14E-04	1.79E-08	6.25E-09
1559	494961.06, 3858651.99	2.58E-03	4.07E-07	1.42E-07	2.10E-04	3.30E-08	1.15E-08	2.62E-03	4.12E-07	1.44E-07	2.42E-04	3.81E-08	1.33E-08	2.58E-03	4.07E-07	1.42E-07	1.12E-04	1.76E-08	6.13E-09
1560	495011.06, 3858651.99	2.54E-03	4.01E-07	1.40E-07	2.07E-04	3.25E-08	1.13E-08	2.58E-03	4.06E-07	1.41E-07	2.38E-04	3.75E-08	1.31E-08	2.54E-03	4.00E-07	1.40E-07	1.10E-04	1.73E-08	6.03E-09
1561	495061.06, 3858651.99	2.50E-03	3.94E-07	1.37E-07	2.03E-04	3.20E-08	1.11E-08	2.53E-03	3.99E-07	1.39E-07	2.34E-04	3.69E-08	1.29E-08	2.50E-03	3.94E-07	1.37E-07	1.08E-04	1.70E-08	5.93E-09
1562	495111.06, 3858651.99	2.45E-03	3.86E-07	1.35E-07	1.99E-04	3.13E-08	1.09E-08	2.48E-03	3.91E-07	1.36E-07	2.29E-04	3.61E-08	1.26E-08	2.45E-03	3.86E-07	1.34E-07	1.06E-04	1.67E-08	5.81E-09
1563	495161.06, 3858651.99	2.42E-03	3.81E-07	1.33E-07	1.96E-04	3.09E-08	1.08E-08	2.45E-03	3.86E-07	1.34E-07	2.26E-04	3.57E-08	1.24E-08	2.42E-03	3.81E-07	1.33E-07	1.04E-04	1.65E-08	5.73E-09
1564	495211.06, 3858651.99	2.38E-03	3.75E-07	1.31E-07	1.93E-04	3.04E-08	1.06E-08	2.41E-03	3.80E-07	1.32E-07	2.23E-04	3.51E-08	1.22E-08	2.38E-03	3.75E-07	1.31E-07	1.03E-04	1.62E-08	5.64E-09
1565	495261.06, 3858651.99	2.37E-03	3.73E-07	1.30E-07	1.92E-04	3.03E-08	1.06E-08	2.40E-03	3.78E-07	1.32E-07	2.22E-04	3.50E-08	1.22E-08	2.36E-03	3.73E-07	1.30E-07	1.02E-04	1.61E-08	5.62E-09
1566	495311.06, 3858651.99	2.34E-03	3.69E-07	1.29E-07	1.91E-04	3.01E-08	1.05E-08	2.38E-03	3.74E-07	1.30E-07	2.20E-04	3.47E-08	1.21E-08	2.34E-03	3.69E-07	1.29E-07	1.02E-04	1.60E-08	5.58E-09
1567	495361.06, 3858651.99	2.33E-03	3.67E-07	1.28E-07	1.90E-04	3.00E-08	1.04E-08	2.36E-03	3.72E-07	1.30E-07	2.19E-04	3.46E-08	1.20E-08	2.33E-03	3.67E-07	1.28E-07	1.01E-04	1.59E-08	5.56E-09
1568	495411.06, 3858651.99	2.32E-03	3.65E-07	1.27E-07	1.90E-04	2.99E-08	1.04E-08	2.35E-03	3.70E-07	1.29E-07	2.19E-04	3.45E-08	1.20E-08	2.32E-03	3.65E-07	1.27E-07	1.01E-04	1.59E-08	5.55E-09
1569	495461.06, 3858651.99	2.31E-03	3.64E-07	1.27E-07	1.90E-04	3.00E-08	1.04E-08	2.34E-03	3.69E-07	1.29E-07	2.19E-04	3.46E-08	1.20E-08	2.31E-03	3.64E-07	1.27E-07	1.01E-04	1.59E-08	5.56E-09
1570	495511.06, 3858651.99	2.29E-03	3.60E-07	1.26E-07	1.88E-04	2.97E-08	1.03E-08	2.32E-03	3.65E-07	1.27E-07	2.17E-04	3.42E-08	1.19E-08	2.28E-03	3.60E-07	1.25E-07	1.00E-04	1.58E-08	5.50E-09
1571	495561.06, 3858651.99	2.27E-03	3.57E-07	1.24E-07	1.87E-04	2.95E-08	1.03E-08	2.30E-03	3.62E-07	1.26E-07	2.16E-04	3.40E-08	1.19E-08	2.27E-03	3.57E-07	1.24E-07	9.96E-05	1.57E-08	5.47E-09
1572	495611.06, 3858651.99	2.24E-03	3.53E-07	1.23E-07	1.85E-04	2.92E-08	1.02E-08	2.27E-03	3.58E-07	1.25E-07	2.14E-04	3.37E-08	1.17E-08	2.24E-03	3.53E-07	1.23E-07	9.86E-05	1.55E-08	5.41E-09
1573	495661.06, 3858651.99	2.23E-03	3.51E-07	1.22E-07	1.85E-04	2.91E-08	1.01E-08	2.26E-03	3.56E-07	1.24E-07	2.13E-04	3.36E-08	1.17E-08	2.23E-03	3.51E-07	1.22E-07	9.83E-05	1.55E-08	5.40E-09
1574	494311.06, 3858701.99	2.82E-03	4.45E-07	1.55E-07	2.15E-04	3.39E-08	1.18E-08	2.86E-03	4.50E-07	1.57E-07	2.48E-04	3.91E-08	1.36E-08	2.83E-03	4.46E-07	1.55E-07	1.15E-04	1.81E-08	6.30E-09
1575	494361.06, 3858701.99	2.98E-03	4.70E-07	1.64E-07	2.33E-04	3.67E-08	1.28E-08	3.02E-03	4.76E-07	1.66E-07	2.69E-04	4.23E-08	1.47E-08	2.99E-03	4.71E-07	1.64E-07	1.24E-04	1.95E-08	6.81E-09
1576	494411.06, 3858701.99	3.07E-03	4.84E-07	1.69E-07	2.42E-04	3.82E-08	1.33E-08	3.11E-03	4.90E-07	1.71E-07	2.80E-04	4.41E-08	1.54E-08	3.08E-03	4.85E-07	1.69E-07	1.29E-04	2.03E-08	7.08E-09
1577	494461.06, 3858701.99	3.06E-03	4.83E-07	1.68E-07	2.43E-04	3.82E-08	1.33E-08	3.10E-03	4.89E-07	1.70E-07	2.80E-04	4.41E-08	1.54E-08	3.07E-03	4.83E-07	1.68E-07	1.29E-04	2.04E-08	7.09E-09
1578	494511.06, 3858701.99	3.04E-03	4.80E-07	1.67E-07	2.42E-04	3.81E-08	1.33E-08	3.08E-03	4.86E-07	1.69E-07	2.79E-04	4.40E-08	1.53E-08	3.05E-03	4.80E-07	1.67E-07	1.29E-04	2.03E-08	7.06E-09
1579	494561.06, 3858701.99	3.02E-03	4.75E-07	1.66E-07	2.40E-04	3.79E-08	1.32E-08	3.06E-03	4.82E-07	1.68E-07	2.77E-04	4.37E-08	1.52E-08	3.02E-03	4.76E-07	1.66E-07	1.28E-04	2.02E-08	7.02E-09
1580	494611.06, 3858701.99	2.96E-03	4.66E-07	1.62E-07	2.36E-04	3.71E-08	1.29E-08	3.00E-03	4.72E-07	1.64E-07	2.72E-04	4.29E-08	1.49E-08	2.96E-03	4.66E-07	1.62E-07	1.25E-04	1.98E-08	6.89E-09
1581	494661.06, 3858701.99	2.95E-03	4.64E-07	1.62E-07	2.36E-04	3.71E-08	1.29E-08	2.99E-03	4.70E-07	1.64E-07	2.72E-04	4.29E-08	1.49E-08	2.95E-03	4.64E-07	1.62E-07	1.25E-04	1.98E-08	6.89E-09
1582	494711.06, 3858701.99	2.83E-03	4.45E-07	1.55E-07	2.25E-04	3.55E-08	1.24E-08	2.87E-03	4.51E-07	1.57E-07	2.60E-04	4.10E-08	1.43E-08	2.83E-03	4.46E-07	1.55E-07	1.20E-04	1.89E-08	6.58E-09
1583	494761.06, 3858701.99	2.84E-03	4.48E-07	1.56E-07	2.28E-04	3.59E-08	1.25E-08	2.88E-03	4.54E-07	1.58E-07	2.63E-04	4.14E-08	1.44E-08	2.84E-03	4.48E-07	1.56E-07	1.21E-04	1.91E-08	6.66E-09
1584	494811.06, 3858701.99	2.79E-03	4.39E-07	1.53E-07	2.24E-04	3.54E-08	1.23E-08	2.82E-03	4.45E-07	1.55E-07	2.59E-04	4.08E-08	1.42E-08	2.79E-03	4.39E-07	1.53E-07	1.19E-04	1.88E-08	6.56E-09
1585	494861.06, 3858701.99	2.74E-03	4.32E-07	1.50E-07	2.20E-04	3.46E-08	1.21E-08	2.78E-03	4.37E-07	1.52E-07	2.54E-04	4.00E-08	1.39E-08	2.74E-03	4.32E-07	1.50E-07	1.17E-04	1.84E-08	6.42E-09
1586	494911.06, 3858701.99	2.70E-03	4.25E-07	1.48E-07	2.17E-04	3.42E-08	1.19E-08	2.74E-03	4.31E-07	1.50E-07	2.50E-04	3.94E-08	1.37E-08	2.70E-03	4.25E-07	1.48E-07	1.15E-04	1.82E-08	6.33E-09
1587	494961.06, 3858701.99	2.63E-03	4.14E-07	1.44E-07	2.10E-04	3.31E-08	1.15E-08	2.66E-03	4.19E-07	1.46E-07	2.43E-04	3.83E-08	1.33E-08	2.63E-03	4.14E-07	1.44E-07	1.12E-04	1.76E-08	6.15E-09
1588	495011.06, 3858701.99	2.58E-03	4.06E-07	1.41E-07	2.07E-04	3.25E-08	1.13E-08	2.61E-03	4.11E-07	1.43E-07	2.38E-04	3.75E-08	1.31E-08	2.58E-03	4.06E-07	1.42E-07	1.10E-04	1.73E-08	6.03E-09
1589	495061.06, 3858701.99	2.55E-03	4.02E-07	1.40E-07	2.05E-04	3.23E-08	1.12E-08	2.59E-03	4.07E-07	1.42E-07	2.37E-04	3.73E-08	1.30E-08	2.55E-03	4.02E-07	1.40E-07	1.09E-04	1.72E-08	5.99E-09
1590	495111.06, 3858701.99	2.50E-03	3.93E-07	1.37E-07	2.00E-04	3.16E-08	1.10E-08	2.53E-03	3.99E-07	1.39E-07	2.31E-04	3.64E-08	1.27E-08	2.50E-03	3.94E-07	1.37E-07	1.07E-04	1.68E-08	5.85E-09
1591	495161.06, 3858701.99	2.47E-03	3.89E-07	1.35E-07	1.98E-04	3.12E-08	1.09E-08	2.50E-03	3.94E-07	1.37E-07	2.29E-04	3.60E-08	1.26E-08	2.47E-03	3.89E-07	1.35E-07	1.06E-04	1.66E-08	5.79E-09
1592	495211.06, 3858701.99	2.43E-03	3.83E-07	1.33E-07	1.95E-04	3.08E-08	1.07E-08	2.46E-03	3.88E-07	1.35E-07	2.25E-04	3.55E-08	1.24E-08	2.43E-03	3.83E-07	1.33E-07	1.04E-04	1.64E-08	5.71E-09
1593	495261.06, 3858701.99	2.42E-03	3.81E-07	1.33E-07	1.95E-04	3.07E-08	1.07E-08	2.45E-03	3.86E-07	1.34E-07	2.25E-04	3.54E-08	1.23E-08	2.42E-03	3.81E-07	1.33E-07	1.04E-04	1.63E-08	5.69E-09
1594	495311.06, 3858701.99	2.40E-03	3.78E-07	1.32E-07	1.94E-04	3.06E-08	1.07E-08	2.44E-03	3.84E-07	1.34E-07	2.24E-04	3.53E-08	1.23E-08	2.40E-03	3.79E-07	1.32E-07	1.03E-04	1.63E-08	5.68E-09
1595	495361.06, 3858701.99	2.38E-03	3.76E-07	1.31E-07	1.93E-04	3.04E-08	1.06E-08	2.42E-03	3.81E-07	1.33E-07	2.23E-04	3.51E-08	1.22E-08	2.38E-03	3.76E-07	1.31E-07	1.03E-04	1.62E-08	5.65E-09
1596	495411.06, 3858701.99	2.38E-03	3.74E-07	1.30E-07	1.93E-04	3.04E-08	1.06E-08	2.41E-03	3.79E-07	1.32E-07	2.23E-04	3.51E-08	1.22E-08	2.37E-03	3.74E-07	1.30E-07	1.03E-04	1.62E-08	5.65E-09
1597	495461.06, 3858701.99	2.36E-03	3.72E-07	1.30E-07	1.93E-04	3.03E-08	1.06E-08	2.39E-03	3.77E-07	1.31E-07	2.22E-04	3.50E-08	1.22E-08	2.36E-03	3.72E-07	1.29E-07	1.02E-04	1.61E-08	5.62E-09
1598	495511.06, 3858701.99	2.34E-03	3.69E-07	1.28E-07	1.91E-04	3.01E-08	1.05E-08	2.37E-03	3.74E-07	1.30E-07	2.21E-04	3.48E-08	1.21E-08	2.34E-03	3.68E-07	1.28E-07	1.02E-04	1.60E-08	5.59E-09
1599	495561.06, 3858701.99	2.32E-03	3.65E-07	1.27E-07	1.90E-04	2.99E-08	1.04E-08	2.35E-03	3.70E-07	1.29E-07	2.19E-04	3.45E-08	1.20E-08	2.31E-03	3.65E-07	1.27E-07	1.01E-04	1.59E-08	5.54E-09
1600	495611.06, 3858701.99	2.29E-03	3.61E-07	1.26E-07	1.88E-04	2.96E-08	1.03E-08	2.32E-03	3.66E-07	1.28E-07	2.17E-04	3.42E-08	1.19E-08	2.29E-03	3.61E-07	1.26E-07	1.00E-04	1.58E-08	5.49E-09
1601	495661.06, 3858701.99	2.28E-03	3.59E-07	1.25E-07	1.87E-04	2.95E-08	1.03E-08	2.31E-03	3.64E-07	1.27E-07	2.16E-04	3.40E-08	1.18E-08	2.27E-03	3.58E-07	1.25E-07	9.96E-05	1.57E-08	5.46E-09
1602	494311.06, 3858751.99	2.89E-03	4.56E-07	1.59E-07	2.18E-04	3.44E-08	1.20E-08	2.93E-03	4.61E-07	1.61E-07	2.52E-04	3.97E-08	1.38E-08	2.90E-03	4.57E-07	1.59E-07	1.16E-04	1.83E-08	6.39E-09
1603	494361.06, 3858751.99	3.09E-03	4.86E-07	1.69E-07	2.38E-04	3.75E-08	1.31E-08	3.13E-03	4.93E-07	1.72E-07	2.75E-04	4.33E-08	1.51E-08	3.10E-03	4.88E-07	1.70E-07	1.27E-04	2.00E-08	6.96E-09
1604	494411.06, 3858751.99	3.16E-03	4.97E-07	1.73E-07	2.45E-04	3.86E-08	1.35E-08	3.20E-03	5.04E-07	1.75E-07	2.83E-04	4.46E-08	1.55E-08	3.16E-03	4.98E-07	1.74E-07	1.31E-04	2.06E-08	7.17E-09

1605	494461.06, 3858751.99	3.15E-03	4.96E-07	1.73E-07	2.45E-04	3.87E-08	1.35E-08	3.19E-03	5.02E-07	1.75E-07	2.83E-04	4.46E-08	1.55E-08	3.15E-03	4.96E-07	1.73E-07	1.31E-04	2.06E-08	7.17E-09
1606	494511.06, 3858751.99	3.13E-03	4.93E-07	1.72E-07	2.45E-04	3.86E-08	1.35E-08	3.17E-03	5.00E-07	1.74E-07	2.83E-04	4.46E-08	1.55E-08	3.14E-03	4.94E-07	1.72E-07	1.30E-04	2.06E-08	7.16E-09
1607	494561.06, 3858751.99	3.09E-03	4.87E-07	1.70E-07	2.43E-04	3.83E-08	1.33E-08	3.13E-03	4.93E-07	1.72E-07	2.81E-04	4.42E-08	1.54E-08	3.09E-03	4.88E-07	1.70E-07	1.29E-04	2.04E-08	7.10E-09
1608	494611.06, 3858751.99	3.04E-03	4.78E-07	1.67E-07	2.39E-04	3.77E-08	1.31E-08	3.08E-03	4.85E-07	1.69E-07	2.76E-04	4.35E-08	1.51E-08	3.04E-03	4.79E-07	1.67E-07	1.27E-04	2.01E-08	6.99E-09
1609	494661.06, 3858751.99	3.01E-03	4.74E-07	1.65E-07	2.38E-04	3.75E-08	1.31E-08	3.05E-03	4.80E-07	1.67E-07	2.75E-04	4.33E-08	1.51E-08	3.01E-03	4.75E-07	1.65E-07	1.27E-04	1.99E-08	6.95E-09
1610	494711.06, 3858751.99	2.94E-03	4.63E-07	1.61E-07	2.32E-04	3.66E-08	1.27E-08	2.98E-03	4.69E-07	1.63E-07	2.68E-04	4.22E-08	1.47E-08	2.94E-03	4.63E-07	1.61E-07	1.24E-04	1.95E-08	6.78E-09
1611	494761.06, 3858751.99	2.91E-03	4.58E-07	1.60E-07	2.30E-04	3.62E-08	1.26E-08	2.94E-03	4.64E-07	1.62E-07	2.65E-04	4.18E-08	1.46E-08	2.91E-03	4.58E-07	1.60E-07	1.22E-04	1.93E-08	6.71E-09
1612	494811.06, 3858751.99	2.84E-03	4.48E-07	1.56E-07	2.25E-04	3.54E-08	1.23E-08	2.88E-03	4.54E-07	1.58E-07	2.60E-04	4.09E-08	1.43E-08	2.85E-03	4.49E-07	1.56E-07	1.20E-04	1.89E-08	6.57E-09
1613	494861.06, 3858751.99	2.79E-03	4.39E-07	1.53E-07	2.21E-04	3.48E-08	1.21E-08	2.82E-03	4.45E-07	1.55E-07	2.55E-04	4.01E-08	1.40E-08	2.79E-03	4.40E-07	1.53E-07	1.17E-04	1.85E-08	6.45E-09
1614	494911.06, 3858751.99	2.73E-03	4.30E-07	1.50E-07	2.16E-04	3.40E-08	1.19E-08	2.76E-03	4.36E-07	1.52E-07	2.49E-04	3.93E-08	1.37E-08	2.73E-03	4.30E-07	1.50E-07	1.15E-04	1.81E-08	6.31E-09
1615	494961.06, 3858751.99	2.68E-03	4.23E-07	1.47E-07	2.13E-04	3.35E-08	1.17E-08	2.72E-03	4.29E-07	1.49E-07	2.45E-04	3.87E-08	1.35E-08	2.69E-03	4.23E-07	1.48E-07	1.13E-04	1.78E-08	6.21E-09
1616	495011.06, 3858751.99	2.65E-03	4.18E-07	1.46E-07	2.11E-04	3.32E-08	1.16E-08	2.69E-03	4.23E-07	1.48E-07	2.43E-04	3.83E-08	1.33E-08	2.66E-03	4.18E-07	1.46E-07	1.12E-04	1.77E-08	6.15E-09
1617	495061.06, 3858751.99	2.61E-03	4.11E-07	1.43E-07	2.07E-04	3.26E-08	1.14E-08	2.64E-03	4.16E-07	1.45E-07	2.39E-04	3.76E-08	1.31E-08	2.61E-03	4.11E-07	1.43E-07	1.10E-04	1.74E-08	6.05E-09
1618	495111.06, 3858751.99	2.56E-03	4.03E-07	1.40E-07	2.03E-04	3.20E-08	1.11E-08	2.59E-03	4.08E-07	1.42E-07	2.34E-04	3.69E-08	1.29E-08	2.56E-03	4.03E-07	1.40E-07	1.08E-04	1.70E-08	5.93E-09
1619	495161.06, 3858751.99	2.52E-03	3.97E-07	1.38E-07	2.01E-04	3.16E-08	1.10E-08	2.56E-03	4.03E-07	1.40E-07	2.32E-04	3.65E-08	1.27E-08	2.53E-03	3.98E-07	1.39E-07	1.07E-04	1.68E-08	5.86E-09
1620	495211.06, 3858751.99	2.48E-03	3.91E-07	1.36E-07	1.98E-04	3.11E-08	1.08E-08	2.52E-03	3.96E-07	1.38E-07	2.28E-04	3.59E-08	1.25E-08	2.49E-03	3.92E-07	1.36E-07	1.05E-04	1.66E-08	5.77E-09
1621	495261.06, 3858751.99	2.47E-03	3.89E-07	1.35E-07	1.97E-04	3.10E-08	1.08E-08	2.50E-03	3.94E-07	1.37E-07	2.27E-04	3.58E-08	1.25E-08	2.47E-03	3.89E-07	1.36E-07	1.05E-04	1.65E-08	5.75E-09
1622	495311.06, 3858751.99	2.45E-03	3.87E-07	1.35E-07	1.97E-04	3.10E-08	1.08E-08	2.49E-03	3.92E-07	1.36E-07	2.27E-04	3.57E-08	1.24E-08	2.46E-03	3.87E-07	1.35E-07	1.05E-04	1.65E-08	5.74E-09
1623	495361.06, 3858751.99	2.44E-03	3.84E-07	1.34E-07	1.96E-04	3.08E-08	1.07E-08	2.47E-03	3.89E-07	1.35E-07	2.26E-04	3.56E-08	1.24E-08	2.44E-03	3.84E-07	1.34E-07	1.04E-04	1.64E-08	5.71E-09
1624	495411.06, 3858751.99	2.43E-03	3.83E-07	1.33E-07	1.96E-04	3.09E-08	1.07E-08	2.46E-03	3.88E-07	1.35E-07	2.26E-04	3.56E-08	1.24E-08	2.43E-03	3.83E-07	1.33E-07	1.04E-04	1.64E-08	5.72E-09
1625	495461.06, 3858751.99	2.41E-03	3.80E-07	1.32E-07	1.95E-04	3.07E-08	1.07E-08	2.45E-03	3.85E-07	1.34E-07	2.25E-04	3.55E-08	1.24E-08	2.41E-03	3.80E-07	1.32E-07	1.04E-04	1.64E-08	5.70E-09
1626	495511.06, 3858751.99	2.39E-03	3.77E-07	1.31E-07	1.94E-04	3.05E-08	1.06E-08	2.42E-03	3.82E-07	1.33E-07	2.24E-04	3.52E-08	1.23E-08	2.39E-03	3.77E-07	1.31E-07	1.03E-04	1.62E-08	5.66E-09
1627	495561.06, 3858751.99	2.37E-03	3.73E-07	1.30E-07	1.92E-04	3.03E-08	1.06E-08	2.40E-03	3.78E-07	1.32E-07	2.22E-04	3.50E-08	1.22E-08	2.37E-03	3.73E-07	1.30E-07	1.02E-04	1.61E-08	5.62E-09
1628	495611.06, 3858751.99	2.34E-03	3.69E-07	1.29E-07	1.91E-04	3.00E-08	1.05E-08	2.38E-03	3.74E-07	1.30E-07	2.20E-04	3.47E-08	1.21E-08	2.34E-03	3.69E-07	1.29E-07	1.01E-04	1.60E-08	5.57E-09
1629	495661.06, 3858751.99	2.33E-03	3.66E-07	1.28E-07	1.90E-04	2.99E-08	1.04E-08	2.36E-03	3.71E-07	1.29E-07	2.19E-04	3.45E-08	1.20E-08	2.32E-03	3.66E-07	1.28E-07	1.01E-04	1.59E-08	5.54E-09
1630	494311.06, 3858801.99	3.01E-03	4.75E-07	1.65E-07	2.26E-04	3.55E-08	1.24E-08	3.05E-03	4.81E-07	1.67E-07	2.60E-04	4.10E-08	1.43E-08	3.03E-03	4.77E-07	1.66E-07	1.20E-04	1.89E-08	6.59E-09
1631	494361.06, 3858801.99	3.18E-03	5.01E-07	1.74E-07	2.42E-04	3.80E-08	1.33E-08	3.22E-03	5.07E-07	1.77E-07	2.79E-04	4.39E-08	1.53E-08	3.19E-03	5.02E-07	1.75E-07	1.29E-04	2.03E-08	7.06E-09
1632	494411.06, 3858801.99	3.21E-03	5.06E-07	1.76E-07	2.45E-04	3.87E-08	1.35E-08	3.25E-03	5.12E-07	1.78E-07	2.83E-04	4.46E-08	1.55E-08	3.22E-03	5.07E-07	1.77E-07	1.31E-04	2.06E-08	7.17E-09
1633	494461.06, 3858801.99	3.22E-03	5.07E-07	1.77E-07	2.47E-04	3.89E-08	1.36E-08	3.26E-03	5.13E-07	1.79E-07	2.85E-04	4.49E-08	1.57E-08	3.23E-03	5.08E-07	1.77E-07	1.32E-04	2.07E-08	7.22E-09
1634	494511.06, 3858801.99	3.21E-03	5.06E-07	1.76E-07	2.47E-04	3.90E-08	1.36E-08	3.25E-03	5.12E-07	1.78E-07	2.86E-04	4.50E-08	1.57E-08	3.22E-03	5.07E-07	1.77E-07	1.32E-04	2.07E-08	7.22E-09
1635	494561.06, 3858801.99	3.19E-03	5.02E-07	1.75E-07	2.47E-04	3.88E-08	1.35E-08	3.23E-03	5.09E-07	1.77E-07	2.85E-04	4.48E-08	1.56E-08	3.20E-03	5.04E-07	1.75E-07	1.31E-04	2.07E-08	7.20E-09
1636	494611.06, 3858801.99	3.15E-03	4.97E-07	1.73E-07	2.45E-04	3.85E-08	1.34E-08	3.19E-03	5.03E-07	1.75E-07	2.82E-04	4.45E-08	1.55E-08	3.16E-03	4.98E-07	1.73E-07	1.30E-04	2.05E-08	7.14E-09
1637	494661.06, 3858801.99	3.10E-03	4.88E-07	1.70E-07	2.41E-04	3.79E-08	1.32E-08	3.14E-03	4.94E-07	1.72E-07	2.78E-04	4.38E-08	1.53E-08	3.10E-03	4.89E-07	1.70E-07	1.28E-04	2.02E-08	7.03E-09
1638	494711.06, 3858801.99	3.03E-03	4.78E-07	1.66E-07	2.36E-04	3.72E-08	1.30E-08	3.07E-03	4.84E-07	1.69E-07	2.73E-04	4.30E-08	1.50E-08	3.04E-03	4.79E-07	1.67E-07	1.26E-04	1.98E-08	6.90E-09
1639	494761.06, 3858801.99	2.96E-03	4.66E-07	1.62E-07	2.31E-04	3.64E-08	1.27E-08	3.00E-03	4.72E-07	1.65E-07	2.66E-04	4.20E-08	1.46E-08	2.97E-03	4.67E-07	1.63E-07	1.23E-04	1.93E-08	6.74E-09
1640	494811.06, 3858801.99	2.89E-03	4.55E-07	1.58E-07	2.25E-04	3.55E-08	1.24E-08	2.92E-03	4.61E-07	1.61E-07	2.60E-04	4.09E-08	1.43E-08	2.89E-03	4.56E-07	1.59E-07	1.20E-04	1.89E-08	6.57E-09
1641	494861.06, 3858801.99	2.84E-03	4.48E-07	1.56E-07	2.22E-04	3.50E-08	1.22E-08	2.88E-03	4.54E-07	1.58E-07	2.57E-04	4.04E-08	1.41E-08	2.85E-03	4.49E-07	1.56E-07	1.18E-04	1.86E-08	6.49E-09
1642	494911.06, 3858801.99	2.79E-03	4.39E-07	1.53E-07	2.18E-04	3.43E-08	1.20E-08	2.82E-03	4.45E-07	1.55E-07	2.51E-04	3.96E-08	1.38E-08	2.79E-03	4.40E-07	1.53E-07	1.16E-04	1.83E-08	6.36E-09
1643	494961.06, 3858801.99	2.74E-03	4.32E-07	1.50E-07	2.15E-04	3.38E-08	1.18E-08	2.78E-03	4.37E-07	1.52E-07	2.48E-04	3.90E-08	1.36E-08	2.75E-03	4.33E-07	1.51E-07	1.14E-04	1.80E-08	6.27E-09
1644	495011.06, 3858801.99	2.69E-03	4.24E-07	1.48E-07	2.11E-04	3.33E-08	1.16E-08	2.73E-03	4.30E-07	1.50E-07	2.44E-04	3.84E-08	1.34E-08	2.70E-03	4.25E-07	1.48E-07	1.12E-04	1.77E-08	6.17E-09
1645	495061.06, 3858801.99	2.66E-03	4.19E-07	1.46E-07	2.09E-04	3.29E-08	1.15E-08	2.70E-03	4.25E-07	1.48E-07	2.41E-04	3.80E-08	1.32E-08	2.67E-03	4.20E-07	1.46E-07	1.11E-04	1.75E-08	6.11E-09
1646	495111.06, 3858801.99	2.61E-03	4.10E-07	1.43E-07	2.05E-04	3.22E-08	1.12E-08	2.64E-03	4.16E-07	1.45E-07	2.36E-04	3.72E-08	1.30E-08	2.61E-03	4.11E-07	1.43E-07	1.09E-04	1.71E-08	5.97E-09
1647	495161.06, 3858801.99	2.56E-03	4.04E-07	1.41E-07	2.01E-04	3.17E-08	1.10E-08	2.60E-03	4.09E-07	1.42E-07	2.32E-04	3.66E-08	1.27E-08	2.57E-03	4.04E-07	1.41E-07	1.07E-04	1.69E-08	5.88E-09
1648	495211.06, 3858801.99	2.54E-03	3.99E-07	1.39E-07	2.00E-04	3.15E-08	1.10E-08	2.57E-03	4.05E-07	1.41E-07	2.30E-04	3.63E-08	1.26E-08	2.54E-03	4.00E-07	1.39E-07	1.06E-04	1.67E-08	5.83E-09
1649	495261.06, 3858801.99	2.52E-03	3.97E-07	1.38E-07	1.99E-04	3.14E-08	1.09E-08	2.55E-03	4.02E-07	1.40E-07	2.30E-04	3.62E-08	1.26E-08	2.52E-03	3.98E-07	1.38E-07	1.06E-04	1.67E-08	5.82E-09
1650	495311.06, 3858801.99	2.51E-03	3.95E-07	1.38E-07	1.99E-04	3.13E-08	1.09E-08	2.54E-03	4.01E-07	1.40E-07	2.30E-04	3.62E-08	1.26E-08	2.51E-03	3.96E-07	1.38E-07	1.06E-04	1.67E-08	5.81E-09
1651	495361.06, 3858801.99	2.49E-03	3.92E-07	1.37E-07	1.98E-04	3.12E-08	1.09E-08	2.52E-03	3.98E-07	1.39E-07	2.29E-04	3.60E-08	1.25E-08	2.49E-03	3.93E-07	1.37E-07	1.05E-04	1.66E-08	5.79E-09
1652	495411.06, 3858801.99	2.49E-03	3.92E-07	1.37E-07	1.99E-04	3.13E-08	1.09E-08	2.52E-03	3.98E-07	1.39E-07	2.30E-04	3.62E-08	1.26E-08	2.49E-03	3.93E-07	1.37E-07	1.06E-04	1.67E-08	5.81E-09
1653	495461.06, 3858801.99	2.47E-03	3.89E-07	1.36E-07	1.98E-04	3.12E-08	1.09E-08	2.50E-03	3.95E-07	1.37E-07	2.28E-04	3.60E-08	1.25E-08	2.47E-03	3.90E-07	1.36E-07	1.05E-04	1.66E-08	5.78E-09
1654	495511.06, 3858801.99	2.45E-03	3.85E-07	1.34E-07	1.96E-04	3.09E-08	1.08E-08	2.48E-03	3.91E-07	1.36E-07	2.27E-04	3.57E-08	1.24E-08	2.45E-03	3.86E-07	1.34E-07	1.04E-04	1.65E-08	5.73E-09
1655	495561.06, 3858801.99	2.43E-03	3.82E-07	1.33E-07	1.95E-04	3.07E-08	1.07E-08	2.46E-03	3.87E-07	1.35E-07	2.25E-04	3.55E-08	1.24E-08	2.43E-03	3.82E-07	1.33E-07	1.04E-04	1.64E-08	5.70E-09
1656	495611.06, 3858801.99	2.40E-03	3.77E-07	1.31E-07	1.93E-04	3.04E-08	1.06E-08	2.43E-03	3.82E-07	1.33E-07	2.23E-04	3.51E-08	1.22E-08	2.40E-03	3.78E-07	1.32E-07	1.03E-04	1.62E-08	5.64E-09
1657	495661.06, 3858801.99	2.38E-03	3.75E-07	1.31E-07	1.92E-04	3.03E-08	1.06E-08	2.41E-03	3.80E-07	1.32E-07	2.22E-04	3.50E-08	1.22E-08	2.38E-03	3.75E-07	1.31E-07	1.02E-04	1.61E-08	5.61E-09
1658	494311.06, 3858851.99	3.23E-03	5.09E-07	1.77E-07	2.41E-04	3.79E-08	1.32E-08	3.27E-03	5.16E-07	1.80E-07	2.78E-04	4.38E-08	1.53E-08	3.25E-03	5.12E-07	1.78E-07	1.28E-04	2.02E-08	7.04E-09
1659	494361.06, 3858851.99	3.33E-03	5.24E-07	1.83E-07	2.49E-04	3.93E-08	1.37E-08	3.37E-03	5.31E-07	1.85E-07	2.88E-04	4.54E-08	1.58E-08	3.34E-03	5.27E-07	1.83E-07	1.33E-04	2.09E-08	7.29E-09
1660	494411.06, 3858851.99	3.31E-03	5.22E-07	1.82E-07	2.49E-04	3.92E-08	1.37E-08	3.35E-03	5.28E-07	1.84E-07	2.87E-04	4.53E-08	1.58E-08	3.32E-03	5.24E-07	1.82E-07	1.33E-04	2.09E-08	7.28E-09
1661	494461.06, 3858851.99	3.30E-03	5.20E-07	1.81E-07	2.50E-04	3.93E-08	1.37E-08	3.35E-03	5.27E-07	1.84E-07	2.88E-04	4.54E-08	1.58E-08	3.32E-03	5.22E-07	1.82E-07	1.33E-04	2.09E-08	7.29E-09
1662	494511.06, 3858851.99	3.28E-03	5.17E-07	1.80E-07	2.49E-04	3.92E-08	1.37E-08	3.32E-03	5.24E-07	1.82E-07	2.87E-04	4.52E-08	1.58E-08	3.29E-03	5.19E-07	1.81E-07	1.32E-04	2.08E-08	7.26E-09
1663	494561.06, 3858851.99	3.25E-03	5.13E-07	1.79E-07	2.47E-04	3.90E-08	1.36E-08	3.29E-03	5.19E-07	1.81E-07	2.86E-04	4.50E-08	1.57E-08	3.26E-03	5.14E-07	1.79E-07	1.32E-04	2.07E-08	7.22E-09
1664	494611.06, 3858851.99	3.21E-03	5.05E-07	1.76E-07	2.45E-04	3.86E-08	1.34E-08	3.25E-03	5.12E-07	1.78E-07	2.83E-04	4.45E-08	1.55E-08	3.22E-03	5.07E-07	1.77E-07	1.30E-04	2.05E-08	7.15E-09
1665	494661.06, 3858851.99	3.15E-03	4.97E-07	1.73E-07	2.41E-04	3.80E-08	1.32E-08	3.19E-03	5.03E-07	1.75E-07	2.79E-04	4.39E-08	1.53E-08	3.16E-03	4.99E-07	1.74E-07	1.28E-04	2.02E-08	7.05E-09
1666	494711.06, 3858851.99	3.08E-03	4.85E-07	1.69E-07	2.36E-04	3.72E-08	1.30E-08	3.12E-03	4.91E-07	1.71E-07	2.73E-04	4.29E-08	1.50E-08	3.09E-03	4.86E-07	1.69E-07	1.26E-04	1.98E-08	6.89E-09
1667	494761.06, 3858851.99	3.01E-03	4.74E-07	1.65E-07	2.31E-04	3.64E-08	1.27E-08	3.05E-03	4.80E-07	1.67E-07	2.67E-04	4.20E-08	1.46E-08	3.02E-03	4.75E-07	1.66E-07	1.23E-04	1.94E-08	6.74E-09
1668	494811.06, 3858851.99	2.95E-03	4.64E-07	1.62E-07	2.27E-04	3.57E-08	1.24E-08	2.99E-03	4.70E-07	1.64E-07	2.62E-04	4.12E-08	1.44E-08	2.96E-03	4.66E-07	1.62E-07	1.21E-04	1.90E-08	6.62E-09
1669	494861.06, 3858851.99	2.91E-03	4.58E-07	1.60E-07	2.24E-04	3.53E-08	1.23E-08	2.94E-03	4.64E-07	1.62E-07	2.59E-04	4.08E-08	1.42E-08	2.91E-03	4.59E-07	1.60E-07	1.19E-04	1.88E-08	6.54E-09
1670	494911.06, 3858851.99	2.85E-03	4.49E-07	1.56E-07	2.20E-04	3.47E-08	1.21E-08	2.89E-03	4.55E-07	1.59E-07	2.54E-04	4.00E-08	1.40E-08	2.86E-03	4.50E-07	1.57E-07	1.17E-04	1.85E-08	6.43E-09
1671	494961.06, 3858851.99	2.80E-03	4.42E-07	1.54E-07	2.17E-04	3.42E-08	1.19E-08	2.84E-03	4.47E-07	1.56E-07	2.50E-04	3.94E-08	1.37E-08	2.81E-03	4.43E-07	1.54E-07	1.15E-04	1.82E-08	6.33E-09

1672	495011.06, 3858851.99	2.76E-03	4.35E-07	1.52E-07	2.14E-04	3.37E-08	1.18E-08	2.80E-03	4.41E-07	1.54E-07	2.47E-04	3.89E-08	1.36E-08	2.77E-03	4.36E-07	1.52E-07	1.14E-04	1.79E-08	6.25E-09
1673	495061.06, 3858851.99	2.72E-03	4.28E-07	1.49E-07	2.11E-04	3.32E-08	1.16E-08	2.75E-03	4.34E-07	1.51E-07	2.43E-04	3.83E-08	1.34E-08	2.72E-03	4.29E-07	1.49E-07	1.12E-04	1.77E-08	6.16E-09
1674	495111.06, 3858851.99	2.64E-03	4.16E-07	1.45E-07	2.05E-04	3.22E-08	1.12E-08	2.67E-03	4.21E-07	1.47E-07	2.36E-04	3.72E-08	1.30E-08	2.65E-03	4.17E-07	1.45E-07	1.09E-04	1.72E-08	5.98E-09
1675	495161.06, 3858851.99	2.60E-03	4.09E-07	1.43E-07	2.02E-04	3.17E-08	1.11E-08	2.63E-03	4.15E-07	1.44E-07	2.33E-04	3.66E-08	1.28E-08	2.60E-03	4.10E-07	1.43E-07	1.07E-04	1.69E-08	5.89E-09
1676	495211.06, 3858851.99	2.59E-03	4.08E-07	1.42E-07	2.02E-04	3.18E-08	1.11E-08	2.63E-03	4.14E-07	1.44E-07	2.33E-04	3.67E-08	1.28E-08	2.60E-03	4.09E-07	1.43E-07	1.08E-04	1.69E-08	5.90E-09
1677	495261.06, 3858851.99	2.58E-03	4.06E-07	1.41E-07	2.01E-04	3.17E-08	1.11E-08	2.61E-03	4.11E-07	1.43E-07	2.33E-04	3.66E-08	1.28E-08	2.58E-03	4.07E-07	1.42E-07	1.07E-04	1.69E-08	5.88E-09
1678	495311.06, 3858851.99	2.57E-03	4.04E-07	1.41E-07	2.02E-04	3.18E-08	1.11E-08	2.60E-03	4.10E-07	1.43E-07	2.33E-04	3.66E-08	1.28E-08	2.57E-03	4.05E-07	1.41E-07	1.07E-04	1.69E-08	5.89E-09
1679	495361.06, 3858851.99	2.55E-03	4.02E-07	1.40E-07	2.01E-04	3.17E-08	1.10E-08	2.59E-03	4.07E-07	1.42E-07	2.32E-04	3.66E-08	1.27E-08	2.56E-03	4.03E-07	1.40E-07	1.07E-04	1.69E-08	5.87E-09
1680	495411.06, 3858851.99	2.54E-03	4.00E-07	1.39E-07	2.01E-04	3.16E-08	1.10E-08	2.57E-03	4.05E-07	1.41E-07	2.32E-04	3.65E-08	1.27E-08	2.54E-03	4.01E-07	1.40E-07	1.07E-04	1.68E-08	5.86E-09
1681	495461.06, 3858851.99	2.53E-03	3.98E-07	1.39E-07	2.00E-04	3.16E-08	1.10E-08	2.56E-03	4.03E-07	1.41E-07	2.31E-04	3.65E-08	1.27E-08	2.53E-03	3.99E-07	1.39E-07	1.07E-04	1.68E-08	5.85E-09
1682	495511.06, 3858851.99	2.51E-03	3.95E-07	1.38E-07	2.00E-04	3.15E-08	1.10E-08	2.54E-03	4.00E-07	1.39E-07	2.31E-04	3.64E-08	1.27E-08	2.51E-03	3.95E-07	1.38E-07	1.06E-04	1.68E-08	5.84E-09
1683	495561.06, 3858851.99	2.47E-03	3.89E-07	1.36E-07	1.97E-04	3.10E-08	1.08E-08	2.50E-03	3.94E-07	1.37E-07	2.27E-04	3.58E-08	1.25E-08	2.47E-03	3.89E-07	1.36E-07	1.05E-04	1.65E-08	5.74E-09
1684	495611.06, 3858851.99	2.44E-03	3.84E-07	1.34E-07	1.94E-04	3.06E-08	1.07E-08	2.47E-03	3.89E-07	1.36E-07	2.24E-04	3.54E-08	1.23E-08	2.44E-03	3.84E-07	1.34E-07	1.03E-04	1.63E-08	5.68E-09
1685	495661.06, 3858851.99	2.43E-03	3.82E-07	1.33E-07	1.94E-04	3.06E-08	1.07E-08	2.46E-03	3.87E-07	1.35E-07	2.24E-04	3.53E-08	1.23E-08	2.43E-03	3.82E-07	1.33E-07	1.03E-04	1.63E-08	5.67E-09
1686	494311.06, 3858901.99	3.34E-03	5.27E-07	1.83E-07	2.46E-04	3.87E-08	1.35E-08	3.38E-03	5.33E-07	1.86E-07	2.83E-04	4.46E-08	1.56E-08	3.36E-03	5.29E-07	1.84E-07	1.31E-04	2.06E-08	7.17E-09
1687	494361.06, 3858901.99	3.41E-03	5.37E-07	1.87E-07	2.52E-04	3.96E-08	1.38E-08	3.45E-03	5.44E-07	1.90E-07	2.90E-04	4.57E-08	1.59E-08	3.43E-03	5.40E-07	1.88E-07	1.34E-04	2.11E-08	7.35E-09
1688	494411.06, 3858901.99	3.41E-03	5.37E-07	1.87E-07	2.52E-04	3.97E-08	1.38E-08	3.45E-03	5.43E-07	1.89E-07	2.91E-04	4.58E-08	1.60E-08	3.42E-03	5.39E-07	1.88E-07	1.34E-04	2.11E-08	7.37E-09
1689	494461.06, 3858901.99	3.39E-03	5.35E-07	1.86E-07	2.52E-04	3.97E-08	1.38E-08	3.44E-03	5.41E-07	1.89E-07	2.91E-04	4.58E-08	1.60E-08	3.41E-03	5.37E-07	1.87E-07	1.34E-04	2.11E-08	7.36E-09
1690	494511.06, 3858901.99	3.38E-03	5.32E-07	1.85E-07	2.52E-04	3.97E-08	1.38E-08	3.42E-03	5.39E-07	1.88E-07	2.91E-04	4.58E-08	1.60E-08	3.39E-03	5.35E-07	1.86E-07	1.34E-04	2.11E-08	7.35E-09
1691	494561.06, 3858901.99	3.33E-03	5.25E-07	1.83E-07	2.49E-04	3.93E-08	1.37E-08	3.37E-03	5.31E-07	1.85E-07	2.88E-04	4.53E-08	1.58E-08	3.35E-03	5.27E-07	1.84E-07	1.33E-04	2.09E-08	7.27E-09
1692	494611.06, 3858901.99	3.25E-03	5.13E-07	1.79E-07	2.44E-04	3.85E-08	1.34E-08	3.30E-03	5.19E-07	1.81E-07	2.82E-04	4.44E-08	1.55E-08	3.27E-03	5.15E-07	1.79E-07	1.30E-04	2.05E-08	7.13E-09
1693	494661.06, 3858901.99	3.21E-03	5.06E-07	1.76E-07	2.42E-04	3.81E-08	1.33E-08	3.25E-03	5.12E-07	1.78E-07	2.79E-04	4.40E-08	1.53E-08	3.22E-03	5.08E-07	1.77E-07	1.29E-04	2.03E-08	7.06E-09
1694	494711.06, 3858901.99	3.14E-03	4.95E-07	1.72E-07	2.37E-04	3.74E-08	1.30E-08	3.18E-03	5.01E-07	1.74E-07	2.74E-04	4.31E-08	1.50E-08	3.15E-03	4.96E-07	1.73E-07	1.26E-04	1.99E-08	6.92E-09
1695	494761.06, 3858901.99	3.06E-03	4.82E-07	1.68E-07	2.31E-04	3.65E-08	1.27E-08	3.10E-03	4.88E-07	1.70E-07	2.67E-04	4.21E-08	1.47E-08	3.07E-03	4.84E-07	1.68E-07	1.23E-04	1.94E-08	6.76E-09
1696	494811.06, 3858901.99	3.01E-03	4.74E-07	1.65E-07	2.28E-04	3.60E-08	1.25E-08	3.05E-03	4.80E-07	1.67E-07	2.64E-04	4.15E-08	1.45E-08	3.02E-03	4.76E-07	1.66E-07	1.21E-04	1.91E-08	6.67E-09
1697	494861.06, 3858901.99	2.97E-03	4.68E-07	1.63E-07	2.26E-04	3.56E-08	1.24E-08	3.01E-03	4.74E-07	1.65E-07	2.61E-04	4.11E-08	1.43E-08	2.98E-03	4.69E-07	1.64E-07	1.20E-04	1.89E-08	6.60E-09
1698	494911.06, 3858901.99	2.89E-03	4.56E-07	1.59E-07	2.20E-04	3.47E-08	1.21E-08	2.93E-03	4.62E-07	1.61E-07	2.54E-04	4.01E-08	1.40E-08	2.90E-03	4.57E-07	1.59E-07	1.17E-04	1.85E-08	6.43E-09
1699	494961.06, 3858901.99	2.85E-03	4.49E-07	1.56E-07	2.18E-04	3.43E-08	1.19E-08	2.89E-03	4.55E-07	1.58E-07	2.51E-04	3.96E-08	1.38E-08	2.86E-03	4.50E-07	1.57E-07	1.16E-04	1.82E-08	6.35E-09
1700	495011.06, 3858901.99	2.81E-03	4.42E-07	1.54E-07	2.15E-04	3.38E-08	1.18E-08	2.84E-03	4.48E-07	1.56E-07	2.48E-04	3.90E-08	1.36E-08	2.82E-03	4.43E-07	1.54E-07	1.14E-04	1.80E-08	6.27E-09
1701	495061.06, 3858901.99	2.75E-03	4.33E-07	1.51E-07	2.10E-04	3.32E-08	1.15E-08	2.78E-03	4.38E-07	1.53E-07	2.43E-04	3.83E-08	1.33E-08	2.76E-03	4.34E-07	1.51E-07	1.12E-04	1.76E-08	6.14E-09
1702	495111.06, 3858901.99	2.67E-03	4.20E-07	1.46E-07	2.04E-04	3.22E-08	1.12E-08	2.70E-03	4.26E-07	1.48E-07	2.36E-04	3.71E-08	1.29E-08	2.68E-03	4.22E-07	1.47E-07	1.09E-04	1.71E-08	5.96E-09
1703	495161.06, 3858901.99	2.64E-03	4.16E-07	1.45E-07	2.03E-04	3.19E-08	1.11E-08	2.67E-03	4.21E-07	1.47E-07	2.34E-04	3.68E-08	1.28E-08	2.65E-03	4.17E-07	1.45E-07	1.08E-04	1.70E-08	5.92E-09
1704	495211.06, 3858901.99	2.65E-03	4.17E-07	1.45E-07	2.04E-04	3.22E-08	1.12E-08	2.68E-03	4.22E-07	1.47E-07	2.36E-04	3.71E-08	1.29E-08	2.65E-03	4.18E-07	1.46E-07	1.09E-04	1.71E-08	5.96E-09
1705	495261.06, 3858901.99	2.63E-03	4.15E-07	1.45E-07	2.04E-04	3.21E-08	1.12E-08	2.67E-03	4.20E-07	1.46E-07	2.36E-04	3.71E-08	1.29E-08	2.64E-03	4.16E-07	1.45E-07	1.09E-04	1.71E-08	5.96E-09
1706	495311.06, 3858901.99	2.62E-03	4.12E-07	1.44E-07	2.03E-04	3.20E-08	1.12E-08	2.65E-03	4.18E-07	1.46E-07	2.35E-04	3.70E-08	1.29E-08	2.62E-03	4.13E-07	1.44E-07	1.08E-04	1.70E-08	5.94E-09
1707	495361.06, 3858901.99	2.60E-03	4.10E-07	1.43E-07	2.03E-04	3.20E-08	1.11E-08	2.64E-03	4.15E-07	1.45E-07	2.34E-04	3.69E-08	1.29E-08	2.61E-03	4.11E-07	1.43E-07	1.08E-04	1.70E-08	5.92E-09
1708	495411.06, 3858901.99	2.60E-03	4.09E-07	1.42E-07	2.03E-04	3.20E-08	1.12E-08	2.63E-03	4.14E-07	1.44E-07	2.35E-04	3.70E-08	1.29E-08	2.60E-03	4.10E-07	1.43E-07	1.08E-04	1.70E-08	5.93E-09
1709	495461.06, 3858901.99	2.57E-03	4.06E-07	1.41E-07	2.02E-04	3.19E-08	1.11E-08	2.61E-03	4.11E-07	1.43E-07	2.33E-04	3.68E-08	1.28E-08	2.58E-03	4.06E-07	1.42E-07	1.08E-04	1.69E-08	5.90E-09
1710	495511.06, 3858901.99	2.55E-03	4.01E-07	1.40E-07	2.00E-04	3.16E-08	1.10E-08	2.58E-03	4.06E-07	1.42E-07	2.31E-04	3.64E-08	1.27E-08	2.55E-03	4.02E-07	1.40E-07	1.07E-04	1.68E-08	5.85E-09
1711	495561.06, 3858901.99	2.52E-03	3.97E-07	1.38E-07	1.99E-04	3.13E-08	1.09E-08	2.55E-03	4.02E-07	1.40E-07	2.30E-04	3.62E-08	1.26E-08	2.52E-03	3.98E-07	1.39E-07	1.06E-04	1.67E-08	5.81E-09
1712	495611.06, 3858901.99	2.49E-03	3.92E-07	1.37E-07	1.97E-04	3.10E-08	1.08E-08	2.52E-03	3.97E-07	1.38E-07	2.27E-04	3.58E-08	1.25E-08	2.49E-03	3.93E-07	1.37E-07	1.05E-04	1.65E-08	5.74E-09
1713	495661.06, 3858901.99	2.48E-03	3.91E-07	1.36E-07	1.97E-04	3.10E-08	1.08E-08	2.51E-03	3.96E-07	1.38E-07	2.27E-04	3.58E-08	1.25E-08	2.48E-03	3.91E-07	1.36E-07	1.05E-04	1.65E-08	5.74E-09
1714	494311.06, 3858951.99	3.50E-03	5.51E-07	1.92E-07	2.53E-04	3.99E-08	1.39E-08	3.54E-03	5.58E-07	1.94E-07	2.92E-04	4.60E-08	1.60E-08	3.52E-03	5.55E-07	1.93E-07	1.35E-04	2.12E-08	7.39E-09
1715	494361.06, 3858951.99	3.52E-03	5.54E-07	1.93E-07	2.55E-04	4.02E-08	1.40E-08	3.56E-03	5.61E-07	1.95E-07	2.94E-04	4.64E-08	1.62E-08	3.54E-03	5.58E-07	1.94E-07	1.36E-04	2.14E-08	7.45E-09
1716	494411.06, 3858951.99	3.48E-03	5.48E-07	1.91E-07	2.53E-04	3.99E-08	1.39E-08	3.52E-03	5.55E-07	1.93E-07	2.92E-04	4.61E-08	1.61E-08	3.50E-03	5.52E-07	1.92E-07	1.35E-04	2.12E-08	7.40E-09
1717	494461.06, 3858951.99	3.47E-03	5.47E-07	1.91E-07	2.53E-04	3.99E-08	1.39E-08	3.51E-03	5.54E-07	1.93E-07	2.93E-04	4.61E-08	1.61E-08	3.49E-03	5.50E-07	1.92E-07	1.35E-04	2.12E-08	7.39E-09
1718	494511.06, 3858951.99	3.44E-03	5.42E-07	1.89E-07	2.52E-04	3.97E-08	1.38E-08	3.48E-03	5.49E-07	1.91E-07	2.91E-04	4.59E-08	1.60E-08	3.46E-03	5.45E-07	1.90E-07	1.34E-04	2.11E-08	7.36E-09
1719	494561.06, 3858951.99	3.39E-03	5.35E-07	1.86E-07	2.50E-04	3.93E-08	1.37E-08	3.44E-03	5.41E-07	1.89E-07	2.88E-04	4.54E-08	1.58E-08	3.41E-03	5.38E-07	1.87E-07	1.33E-04	2.09E-08	7.28E-09
1720	494611.06, 3858951.99	3.33E-03	5.24E-07	1.83E-07	2.46E-04	3.87E-08	1.35E-08	3.37E-03	5.31E-07	1.85E-07	2.84E-04	4.47E-08	1.56E-08	3.35E-03	5.27E-07	1.84E-07	1.31E-04	2.06E-08	7.17E-09
1721	494661.06, 3858951.99	3.27E-03	5.14E-07	1.79E-07	2.42E-04	3.81E-08	1.33E-08	3.31E-03	5.21E-07	1.81E-07	2.80E-04	4.40E-08	1.53E-08	3.28E-03	5.17E-07	1.80E-07	1.29E-04	2.03E-08	7.07E-09
1722	494711.06, 3858951.99	3.18E-03	5.01E-07	1.75E-07	2.37E-04	3.73E-08	1.30E-08	3.22E-03	5.08E-07	1.77E-07	2.73E-04	4.30E-08	1.50E-08	3.20E-03	5.04E-07	1.75E-07	1.26E-04	1.98E-08	6.91E-09
1723	494761.06, 3858951.99	3.12E-03	4.91E-07	1.71E-07	2.33E-04	3.67E-08	1.28E-08	3.16E-03	4.98E-07	1.73E-07	2.69E-04	4.23E-08	1.47E-08	3.13E-03	4.94E-07	1.72E-07	1.24E-04	1.95E-08	6.79E-09
1724	494811.06, 3858951.99	3.08E-03	4.84E-07	1.69E-07	2.30E-04	3.63E-08	1.26E-08	3.11E-03	4.91E-07	1.71E-07	2.66E-04	4.19E-08	1.46E-08	3.09E-03	4.87E-07	1.70E-07	1.22E-04	1.93E-08	6.72E-09
1725	494861.06, 3858951.99	3.03E-03	4.77E-07	1.66E-07	2.28E-04	3.58E-08	1.25E-08	3.07E-03	4.83E-07	1.68E-07	2.63E-04	4.14E-08	1.44E-08	3.04E-03	4.79E-07	1.67E-07	1.21E-04	1.91E-08	6.64E-09
1726	494911.06, 3858951.99	2.97E-03	4.68E-07	1.63E-07	2.23E-04	3.52E-08	1.23E-08	3.01E-03	4.74E-07	1.65E-07	2.58E-04	4.06E-08	1.42E-08	2.98E-03	4.70E-07	1.64E-07	1.19E-04	1.87E-08	6.52E-09
1727	494961.06, 3858951.99	2.93E-03	4.62E-07	1.61E-07	2.21E-04	3.49E-08	1.22E-08	2.97E-03	4.68E-07	1.63E-07	2.56E-04	4.03E-08	1.40E-08	2.95E-03	4.64E-07	1.62E-07	1.18E-04	1.86E-08	6.46E-09
1728	495011.06, 3858951.99	2.84E-03	4.48E-07	1.56E-07	2.15E-04	3.38E-08	1.18E-08	2.88E-03	4.54E-07	1.58E-07	2.48E-04	3.91E-08	1.36E-08	2.86E-03	4.50E-07	1.57E-07	1.14E-04	1.80E-08	6.27E-09
1729	495061.06, 3858951.99	2.76E-03	4.35E-07	1.51E-07	2.08E-04	3.28E-08	1.14E-08	2.80E-03	4.40E-07	1.53E-07	2.41E-04	3.79E-08	1.32E-08	2.77E-03	4.37E-07	1.52E-07	1.11E-04	1.75E-08	6.09E-09
1730	495111.06, 3858951.99	2.70E-03	4.25E-07	1.48E-07	2.04E-04	3.21E-08	1.12E-08	2.73E-03	4.30E-07	1.50E-07	2.35E-04	3.70E-08	1.29E-08	2.71E-03	4.27E-07	1.49E-07	1.08E-04	1.71E-08	5.95E-09
1731	495161.06, 3858951.99	2.71E-03	4.27E-07	1.49E-07	2.06E-04	3.25E-08	1.13E-08	2.75E-03	4.33E-07	1.51E-07	2.38E-04	3.75E-08	1.31E-08	2.72E-03	4.29E-07	1.49E-07	1.10E-04	1.73E-08	6.02E-09
1732	495211.06, 3858951.99	2.70E-03	4.26E-07	1.48E-07	2.06E-04	3.25E-08	1.13E-08	2.74E-03	4.31E-07	1.50E-07	2.38E-04	3.75E-08	1.31E-08	2.71E-03	4.27E-07	1.49E-07	1.10E-04	1.73E-08	6.02E-09
1733	495261.06, 3858951.99	2.69E-03	4.24E-07	1.48E-07	2.06E-04	3.25E-08	1.13E-08	2.73E-03	4.29E-07	1.50E-07	2.38E-04	3.75E-08	1.31E-08	2.70E-03	4.25E-07	1.48E-07	1.10E-04	1.73E-08	6.02E-09
1734	495311.06, 3858951.99	2.66E-03	4.19E-07	1.46E-07	2.04E-04	3.22E-08	1.12E-08	2.69E-03	4.24E-07	1.48E-07	2.36E-04	3.71E-08	1.29E-08	2.67E-03	4.20E-07	1.46E-07	1.09E-04	1.71E-08	5.96E-09
1735	495361.06, 3858951.99	2.65E-03	4.17E-07	1.45E-07	2.04E-04	3.22E-08	1.12E-08	2.68E-03	4.23E-07	1.47E-07	2.36E-04	3.72E-08	1.30E-08	2.66E-03	4.19E-07	1.46E-07	1.09E-04	1.71E-08	5.97E-09
1736	495411.06, 3858951.99	2.65E-03	4.17E-07	1.45E-07	2.05E-04	3.23E-08	1.13E-08	2.68E-03	4.22E-07	1.47E-07	2.37E-04	3.73E-08	1.30E-08	2.65E-03	4.18E-07	1.46E-07	1.09E-04	1.72E-08	5.98E-09
1737	495461.06, 3858951.99	2.63E-03	4.14E-07	1.44E-07	2.04E-04	3.22E-08	1.12E-08	2.66E-03	4.19E-07	1.46E-07	2.36E-04	3.71E-08	1.29E-08	2.63E-03	4.15E-07	1.45E-07	1.09E-04	1.71E-08	5.96E-09
1738	495511.06, 3858951.99	2.62E-03	4.12E-07	1.44E-07	2.04E-04	3.22E-08	1.12E-08	2.65E-03	4.18E-07	1.46E-07	2.36E-04	3.72E-08	1.29E-08	2.62E-03	4.13E-07	1.44E-07	1.09E-04	1.71E-08	5.96E-09

1739	495561.06, 3858951.99	2.57E-03	4.05E-07	1.41E-07	2.01E-04	3.17E-08	1.10E-08	2.61E-03	4.11E-07	1.43E-07	2.32E-04	3.65E-08	1.27E-08	2.58E-03	4.06E-07	1.41E-07	1.07E-04	1.68E-08	5.87E-09
1740	495611.06, 3858951.99	2.54E-03	4.01E-07	1.40E-07	1.99E-04	3.14E-08	1.09E-08	2.58E-03	4.06E-07	1.41E-07	2.30E-04	3.62E-08	1.26E-08	2.55E-03	4.01E-07	1.40E-07	1.06E-04	1.67E-08	5.81E-09
1741	495661.06, 3858951.99	2.53E-03	3.99E-07	1.39E-07	1.99E-04	3.14E-08	1.09E-08	2.57E-03	4.05E-07	1.41E-07	2.30E-04	3.62E-08	1.26E-08	2.54E-03	4.00E-07	1.39E-07	1.06E-04	1.67E-08	5.81E-09
1742	494311.06, 3859001.99	3.62E-03	5.70E-07	1.98E-07	2.57E-04	4.05E-08	1.41E-08	3.66E-03	5.77E-07	2.01E-07	2.97E-04	4.67E-08	1.63E-08	3.64E-03	5.74E-07	2.00E-07	1.37E-04	2.15E-08	7.50E-09
1743	494361.06, 3859001.99	3.60E-03	5.67E-07	1.97E-07	2.57E-04	4.04E-08	1.41E-08	3.64E-03	5.74E-07	2.00E-07	2.96E-04	4.67E-08	1.63E-08	3.62E-03	5.71E-07	1.99E-07	1.36E-04	2.15E-08	7.49E-09
1744	494411.06, 3859001.99	3.57E-03	5.63E-07	1.96E-07	2.55E-04	4.02E-08	1.40E-08	3.62E-03	5.70E-07	1.98E-07	2.95E-04	4.64E-08	1.62E-08	3.60E-03	5.67E-07	1.98E-07	1.36E-04	2.14E-08	7.45E-09
1745	494461.06, 3859001.99	3.55E-03	5.58E-07	1.95E-07	2.54E-04	4.01E-08	1.40E-08	3.59E-03	5.65E-07	1.97E-07	2.94E-04	4.62E-08	1.61E-08	3.57E-03	5.62E-07	1.96E-07	1.35E-04	2.13E-08	7.42E-09
1746	494511.06, 3859001.99	3.52E-03	5.54E-07	1.93E-07	2.53E-04	3.99E-08	1.39E-08	3.56E-03	5.61E-07	1.95E-07	2.92E-04	4.60E-08	1.60E-08	3.54E-03	5.58E-07	1.94E-07	1.35E-04	2.12E-08	7.38E-09
1747	494561.06, 3859001.99	3.45E-03	5.44E-07	1.89E-07	2.50E-04	3.93E-08	1.37E-08	3.49E-03	5.50E-07	1.92E-07	2.88E-04	4.54E-08	1.58E-08	3.47E-03	5.47E-07	1.91E-07	1.33E-04	2.09E-08	7.28E-09
1748	494611.06, 3859001.99	3.39E-03	5.34E-07	1.86E-07	2.46E-04	3.88E-08	1.35E-08	3.43E-03	5.40E-07	1.88E-07	2.84E-04	4.48E-08	1.56E-08	3.41E-03	5.37E-07	1.87E-07	1.31E-04	2.06E-08	7.18E-09
1749	494661.06, 3859001.99	3.32E-03	5.22E-07	1.82E-07	2.42E-04	3.81E-08	1.33E-08	3.36E-03	5.29E-07	1.84E-07	2.79E-04	4.40E-08	1.53E-08	3.34E-03	5.26E-07	1.83E-07	1.29E-04	2.03E-08	7.06E-09
1750	494711.06, 3859001.99	3.23E-03	5.09E-07	1.77E-07	2.37E-04	3.73E-08	1.30E-08	3.27E-03	5.15E-07	1.80E-07	2.73E-04	4.31E-08	1.50E-08	3.25E-03	5.12E-07	1.78E-07	1.26E-04	1.98E-08	6.91E-09
1751	494761.06, 3859001.99	3.18E-03	5.01E-07	1.74E-07	2.34E-04	3.68E-08	1.28E-08	3.22E-03	5.07E-07	1.77E-07	2.70E-04	4.25E-08	1.48E-08	3.20E-03	5.04E-07	1.75E-07	1.24E-04	1.96E-08	6.82E-09
1752	494811.06, 3859001.99	3.15E-03	4.95E-07	1.73E-07	2.32E-04	3.66E-08	1.27E-08	3.18E-03	5.02E-07	1.75E-07	2.68E-04	4.22E-08	1.47E-08	3.16E-03	4.98E-07	1.74E-07	1.23E-04	1.94E-08	6.77E-09
1753	494861.06, 3859001.99	3.09E-03	4.87E-07	1.70E-07	2.29E-04	3.60E-08	1.26E-08	3.13E-03	4.93E-07	1.72E-07	2.64E-04	4.16E-08	1.45E-08	3.10E-03	4.89E-07	1.70E-07	1.22E-04	1.92E-08	6.67E-09
1754	494911.06, 3859001.99	3.03E-03	4.77E-07	1.66E-07	2.25E-04	3.55E-08	1.24E-08	3.07E-03	4.83E-07	1.68E-07	2.60E-04	4.09E-08	1.43E-08	3.05E-03	4.80E-07	1.67E-07	1.20E-04	1.89E-08	6.57E-09
1755	494961.06, 3859001.99	2.97E-03	4.68E-07	1.63E-07	2.21E-04	3.49E-08	1.21E-08	3.01E-03	4.74E-07	1.65E-07	2.55E-04	4.02E-08	1.40E-08	2.99E-03	4.70E-07	1.64E-07	1.18E-04	1.85E-08	6.46E-09
1756	495011.06, 3859001.99	2.83E-03	4.46E-07	1.55E-07	2.10E-04	3.32E-08	1.16E-08	2.87E-03	4.51E-07	1.57E-07	2.43E-04	3.83E-08	1.33E-08	2.84E-03	4.48E-07	1.56E-07	1.12E-04	1.76E-08	6.14E-09
1757	495061.06, 3859001.99	2.80E-03	4.41E-07	1.54E-07	2.09E-04	3.29E-08	1.15E-08	2.83E-03	4.46E-07	1.55E-07	2.41E-04	3.79E-08	1.32E-08	2.81E-03	4.43E-07	1.54E-07	1.11E-04	1.75E-08	6.09E-09
1758	495111.06, 3859001.99	2.74E-03	4.31E-07	1.50E-07	2.04E-04	3.22E-08	1.12E-08	2.77E-03	4.36E-07	1.52E-07	2.36E-04	3.71E-08	1.29E-08	2.75E-03	4.33E-07	1.51E-07	1.09E-04	1.71E-08	5.96E-09
1759	495161.06, 3859001.99	2.77E-03	4.36E-07	1.52E-07	2.08E-04	3.28E-08	1.14E-08	2.80E-03	4.42E-07	1.54E-07	2.40E-04	3.79E-08	1.32E-08	2.78E-03	4.38E-07	1.53E-07	1.11E-04	1.74E-08	6.08E-09
1760	495211.06, 3859001.99	2.75E-03	4.33E-07	1.51E-07	2.08E-04	3.27E-08	1.14E-08	2.79E-03	4.39E-07	1.53E-07	2.40E-04	3.78E-08	1.32E-08	2.76E-03	4.35E-07	1.52E-07	1.10E-04	1.74E-08	6.06E-09
1761	495261.06, 3859001.99	2.74E-03	4.32E-07	1.51E-07	2.08E-04	3.27E-08	1.14E-08	2.78E-03	4.38E-07	1.52E-07	2.40E-04	3.78E-08	1.32E-08	2.75E-03	4.34E-07	1.51E-07	1.11E-04	1.74E-08	6.07E-09
1762	495311.06, 3859001.99	2.72E-03	4.29E-07	1.49E-07	2.07E-04	3.26E-08	1.14E-08	2.76E-03	4.34E-07	1.51E-07	2.39E-04	3.76E-08	1.31E-08	2.73E-03	4.30E-07	1.50E-07	1.10E-04	1.73E-08	6.04E-09
1763	495361.06, 3859001.99	2.71E-03	4.27E-07	1.49E-07	2.07E-04	3.26E-08	1.14E-08	2.75E-03	4.33E-07	1.51E-07	2.39E-04	3.77E-08	1.31E-08	2.72E-03	4.29E-07	1.49E-07	1.10E-04	1.73E-08	6.04E-09
1764	495411.06, 3859001.99	2.70E-03	4.25E-07	1.48E-07	2.07E-04	3.26E-08	1.13E-08	2.73E-03	4.30E-07	1.50E-07	2.39E-04	3.76E-08	1.31E-08	2.71E-03	4.26E-07	1.49E-07	1.10E-04	1.73E-08	6.03E-09
1765	495461.06, 3859001.99	2.68E-03	4.23E-07	1.47E-07	2.06E-04	3.25E-08	1.13E-08	2.72E-03	4.28E-07	1.49E-07	2.38E-04	3.75E-08	1.31E-08	2.69E-03	4.24E-07	1.48E-07	1.10E-04	1.73E-08	6.02E-09
1766	495511.06, 3859001.99	2.65E-03	4.17E-07	1.45E-07	2.04E-04	3.21E-08	1.12E-08	2.68E-03	4.22E-07	1.47E-07	2.36E-04	3.71E-08	1.29E-08	2.65E-03	4.18E-07	1.46E-07	1.08E-04	1.71E-08	5.95E-09
1767	495561.06, 3859001.99	2.62E-03	4.13E-07	1.44E-07	2.03E-04	3.19E-08	1.11E-08	2.66E-03	4.18E-07	1.46E-07	2.34E-04	3.69E-08	1.28E-08	2.63E-03	4.14E-07	1.44E-07	1.08E-04	1.70E-08	5.92E-09
1768	495611.06, 3859001.99	2.60E-03	4.09E-07	1.42E-07	2.01E-04	3.17E-08	1.10E-08	2.63E-03	4.14E-07	1.44E-07	2.32E-04	3.66E-08	1.28E-08	2.60E-03	4.10E-07	1.43E-07	1.07E-04	1.69E-08	5.87E-09
1769	495661.06, 3859001.99	2.60E-03	4.10E-07	1.43E-07	2.03E-04	3.19E-08	1.11E-08	2.64E-03	4.15E-07	1.45E-07	2.34E-04	3.69E-08	1.28E-08	2.61E-03	4.11E-07	1.43E-07	1.08E-04	1.70E-08	5.91E-09
1770	494311.06, 3859051.99	3.71E-03	5.85E-07	2.04E-07	2.59E-04	4.08E-08	1.42E-08	3.75E-03	5.91E-07	2.06E-07	2.99E-04	4.71E-08	1.64E-08	3.74E-03	5.89E-07	2.05E-07	1.38E-04	2.17E-08	7.55E-09
1771	494361.06, 3859051.99	3.69E-03	5.82E-07	2.03E-07	2.58E-04	4.07E-08	1.42E-08	3.74E-03	5.89E-07	2.05E-07	2.98E-04	4.70E-08	1.64E-08	3.73E-03	5.87E-07	2.04E-07	1.37E-04	2.16E-08	7.53E-09
1772	494411.06, 3859051.99	3.66E-03	5.76E-07	2.01E-07	2.56E-04	4.04E-08	1.41E-08	3.70E-03	5.83E-07	2.03E-07	2.96E-04	4.66E-08	1.62E-08	3.68E-03	5.80E-07	2.02E-07	1.36E-04	2.15E-08	7.48E-09
1773	494461.06, 3859051.99	3.61E-03	5.69E-07	1.98E-07	2.54E-04	4.01E-08	1.40E-08	3.65E-03	5.75E-07	2.00E-07	2.94E-04	4.63E-08	1.61E-08	3.64E-03	5.73E-07	2.00E-07	1.35E-04	2.13E-08	7.41E-09
1774	494511.06, 3859051.99	3.55E-03	5.60E-07	1.95E-07	2.52E-04	3.96E-08	1.38E-08	3.59E-03	5.66E-07	1.97E-07	2.90E-04	4.58E-08	1.59E-08	3.58E-03	5.64E-07	1.96E-07	1.34E-04	2.11E-08	7.33E-09
1775	494561.06, 3859051.99	3.50E-03	5.52E-07	1.92E-07	2.49E-04	3.93E-08	1.37E-08	3.55E-03	5.58E-07	1.95E-07	2.88E-04	4.53E-08	1.58E-08	3.53E-03	5.56E-07	1.94E-07	1.32E-04	2.09E-08	7.27E-09
1776	494611.06, 3859051.99	3.44E-03	5.42E-07	1.89E-07	2.46E-04	3.87E-08	1.35E-08	3.48E-03	5.48E-07	1.91E-07	2.84E-04	4.47E-08	1.56E-08	3.46E-03	5.46E-07	1.90E-07	1.31E-04	2.06E-08	7.17E-09
1777	494661.06, 3859051.99	3.37E-03	5.31E-07	1.85E-07	2.42E-04	3.81E-08	1.33E-08	3.41E-03	5.38E-07	1.87E-07	2.80E-04	4.40E-08	1.53E-08	3.39E-03	5.35E-07	1.86E-07	1.29E-04	2.03E-08	7.06E-09
1778	494711.06, 3859051.99	3.31E-03	5.21E-07	1.82E-07	2.39E-04	3.76E-08	1.31E-08	3.35E-03	5.28E-07	1.84E-07	2.76E-04	4.34E-08	1.51E-08	3.33E-03	5.25E-07	1.83E-07	1.27E-04	2.00E-08	6.96E-09
1779	494761.06, 3859051.99	3.24E-03	5.11E-07	1.78E-07	2.35E-04	3.70E-08	1.29E-08	3.28E-03	5.17E-07	1.80E-07	2.71E-04	4.27E-08	1.49E-08	3.26E-03	5.14E-07	1.79E-07	1.25E-04	1.97E-08	6.85E-09
1780	494811.06, 3859051.99	3.20E-03	5.03E-07	1.75E-07	2.32E-04	3.66E-08	1.28E-08	3.24E-03	5.10E-07	1.78E-07	2.68E-04	4.23E-08	1.47E-08	3.22E-03	5.07E-07	1.76E-07	1.24E-04	1.95E-08	6.78E-09
1781	494861.06, 3859051.99	3.15E-03	4.96E-07	1.73E-07	2.30E-04	3.62E-08	1.26E-08	3.19E-03	5.02E-07	1.75E-07	2.65E-04	4.18E-08	1.46E-08	3.17E-03	4.99E-07	1.74E-07	1.22E-04	1.92E-08	6.70E-09
1782	494911.06, 3859051.99	3.08E-03	4.85E-07	1.69E-07	2.25E-04	3.55E-08	1.24E-08	3.11E-03	4.91E-07	1.71E-07	2.60E-04	4.10E-08	1.43E-08	3.09E-03	4.87E-07	1.70E-07	1.20E-04	1.89E-08	6.57E-09
1783	494961.06, 3859051.99	2.98E-03	4.69E-07	1.63E-07	2.19E-04	3.44E-08	1.20E-08	3.01E-03	4.75E-07	1.65E-07	2.52E-04	3.98E-08	1.39E-08	2.99E-03	4.72E-07	1.64E-07	1.16E-04	1.83E-08	6.38E-09
1784	495011.06, 3859051.99	2.90E-03	4.57E-07	1.59E-07	2.14E-04	3.37E-08	1.17E-08	2.94E-03	4.63E-07	1.61E-07	2.47E-04	3.88E-08	1.35E-08	2.92E-03	4.60E-07	1.60E-07	1.14E-04	1.79E-08	6.23E-09
1785	495061.06, 3859051.99	2.85E-03	4.49E-07	1.57E-07	2.10E-04	3.31E-08	1.15E-08	2.89E-03	4.55E-07	1.58E-07	2.43E-04	3.83E-08	1.33E-08	2.87E-03	4.52E-07	1.57E-07	1.12E-04	1.76E-08	6.14E-09
1786	495111.06, 3859051.99	2.82E-03	4.44E-07	1.55E-07	2.09E-04	3.29E-08	1.15E-08	2.86E-03	4.50E-07	1.57E-07	2.41E-04	3.80E-08	1.32E-08	2.84E-03	4.47E-07	1.56E-07	1.11E-04	1.75E-08	6.09E-09
1787	495161.06, 3859051.99	2.83E-03	4.46E-07	1.56E-07	2.11E-04	3.32E-08	1.16E-08	2.87E-03	4.52E-07	1.57E-07	2.43E-04	3.83E-08	1.34E-08	2.85E-03	4.49E-07	1.56E-07	1.12E-04	1.77E-08	6.15E-09
1788	495211.06, 3859051.99	2.80E-03	4.41E-07	1.54E-07	2.09E-04	3.29E-08	1.15E-08	2.83E-03	4.46E-07	1.56E-07	2.41E-04	3.80E-08	1.32E-08	2.81E-03	4.43E-07	1.54E-07	1.11E-04	1.75E-08	6.09E-09
1789	495261.06, 3859051.99	2.80E-03	4.41E-07	1.54E-07	2.10E-04	3.31E-08	1.15E-08	2.84E-03	4.47E-07	1.56E-07	2.42E-04	3.82E-08	1.33E-08	2.81E-03	4.43E-07	1.54E-07	1.12E-04	1.76E-08	6.12E-09
1790	495311.06, 3859051.99	2.77E-03	4.37E-07	1.52E-07	2.09E-04	3.29E-08	1.15E-08	2.81E-03	4.43E-07	1.54E-07	2.41E-04	3.80E-08	1.32E-08	2.79E-03	4.39E-07	1.53E-07	1.11E-04	1.75E-08	6.09E-09
1791	495361.06, 3859051.99	2.76E-03	4.35E-07	1.52E-07	2.08E-04	3.28E-08	1.14E-08	2.80E-03	4.40E-07	1.53E-07	2.41E-04	3.79E-08	1.32E-08	2.77E-03	4.37E-07	1.52E-07	1.11E-04	1.74E-08	6.08E-09
1792	495411.06, 3859051.99	2.75E-03	4.34E-07	1.51E-07	2.09E-04	3.29E-08	1.15E-08	2.79E-03	4.39E-07	1.53E-07	2.41E-04	3.80E-08	1.32E-08	2.77E-03	4.36E-07	1.52E-07	1.11E-04	1.75E-08	6.09E-09
1793	495461.06, 3859051.99	2.75E-03	4.33E-07	1.51E-07	2.09E-04	3.29E-08	1.15E-08	2.78E-03	4.38E-07	1.53E-07	2.41E-04	3.80E-08	1.32E-08	2.76E-03	4.34E-07	1.51E-07	1.11E-04	1.75E-08	6.09E-09
1794	495511.06, 3859051.99	2.71E-03	4.26E-07	1.49E-07	2.06E-04	3.25E-08	1.13E-08	2.74E-03	4.32E-07	1.50E-07	2.38E-04	3.75E-08	1.31E-08	2.72E-03	4.28E-07	1.49E-07	1.10E-04	1.73E-08	6.02E-09
1795	495561.06, 3859051.99	2.67E-03	4.21E-07	1.47E-07	2.05E-04	3.22E-08	1.12E-08	2.71E-03	4.27E-07	1.49E-07	2.36E-04	3.72E-08	1.30E-08	2.68E-03	4.23E-07	1.47E-07	1.09E-04	1.71E-08	5.97E-09
1796	495611.06, 3859051.99	2.65E-03	4.17E-07	1.45E-07	2.03E-04	3.20E-08	1.11E-08	2.68E-03	4.22E-07	1.47E-07	2.34E-04	3.69E-08	1.29E-08	2.66E-03	4.18E-07	1.46E-07	1.08E-04	1.70E-08	5.92E-09
1797	495661.06, 3859051.99	2.65E-03	4.17E-07	1.45E-07	2.04E-04	3.22E-08	1.12E-08	2.68E-03	4.23E-07	1.47E-07	2.36E-04	3.71E-08	1.29E-08	2.66E-03	4.19E-07	1.46E-07	1.08E-04	1.71E-08	5.95E-09
1798	494311.06, 3859101.99	3.81E-03	6.00E-07	2.09E-07	2.60E-04	4.09E-08	1.43E-08	3.85E-03	6.06E-07	2.11E-07	3.00E-04	4.73E-08	1.65E-08	3.84E-03	6.05E-07	2.11E-07	1.38E-04	2.17E-08	7.57E-09
1799	494361.06, 3859101.99	3.77E-03	5.94E-07	2.07E-07	2.58E-04	4.07E-08	1.42E-08	3.81E-03	6.01E-07	2.09E-07	2.98E-04	4.70E-08	1.64E-08	3.80E-03	5.99E-07	2.09E-07	1.37E-04	2.16E-08	7.53E-09
1800	494411.06, 3859101.99	3.74E-03	5.89E-07	2.05E-07	2.57E-04	4.05E-08	1.41E-08	3.78E-03	5.96E-07	2.08E-07	2.97E-04	4.68E-08	1.63E-08	3.77E-03	5.94E-07	2.07E-07	1.37E-04	2.15E-08	7.49E-09
1801	494461.06, 3859101.99	3.69E-03	5.81E-07	2.02E-07	2.55E-04	4.02E-08	1.40E-08	3.73E-03	5.88E-07	2.05E-07	2.94E-04	4.64E-08	1.62E-08	3.72E-03	5.86E-07	2.04E-07	1.35E-04	2.13E-08	7.43E-09
1802	494511.06, 3859101.99	3.62E-03	5.70E-07	1.99E-07	2.52E-04	3.97E-08	1.38E-08	3.66E-03	5.77E-07	2.01E-07	2.91E-04	4.58E-08	1.60E-08	3.65E-03	5.75E-07	2.00E-07	1.34E-04	2.11E-08	7.34E-09
1803	494561.06, 3859101.99	3.56E-03	5.62E-07	1.96E-07	2.49E-04	3.93E-08	1.37E-08	3.61E-03	5.68E-07	1.98E-07	2.88E-04	4.53E-08	1.58E-08	3.59E-03	5.66E-07	1.97E-07	1.32E-04	2.09E-08	7.26E-09
1804	494611.06, 3859101.99	3.48E-03	5.49E-07	1.91E-07	2.45E-04	3.86E-08	1.35E-08	3.53E-03	5.55E-07	1.93E-07	2.83E-04	4.46E-08	1.55E-08	3.51E-03	5.53E-07	1.93E-07	1.30E-04	2.05E-08	7.15E-09
1805	494661.06, 3859101.99	3.43E-03	5.41E-07	1.88E-07	2.43E-04	3.82E-08	1.33E-08	3.47E-03	5.47E-07	1.91E-07	2.80E-04	4.41E-08	1.54E-08	3.46E-03	5.45E-07	1.90E-07	1.29E-04	2.03E-08	7.07E-09

1806	494711.06, 3859101.99	3.34E-03	5.27E-07	1.84E-07	2.38E-04	3.74E-08	1.30E-08	3.38E-03	5.33E-07	1.86E-07	2.74E-04	4.32E-08	1.51E-08	3.37E-03	5.31E-07	1.85E-07	1.26E-04	1.99E-08	6.93E-09
1807	494761.06, 3859101.99	3.32E-03	5.22E-07	1.82E-07	2.37E-04	3.73E-08	1.30E-08	3.36E-03	5.29E-07	1.84E-07	2.73E-04	4.30E-08	1.50E-08	3.34E-03	5.26E-07	1.83E-07	1.26E-04	1.98E-08	6.90E-09
1808	494811.06, 3859101.99	3.26E-03	5.13E-07	1.79E-07	2.33E-04	3.68E-08	1.28E-08	3.30E-03	5.19E-07	1.81E-07	2.69E-04	4.24E-08	1.48E-08	3.28E-03	5.17E-07	1.80E-07	1.24E-04	1.95E-08	6.80E-09
1809	494861.06, 3859101.99	3.20E-03	5.05E-07	1.76E-07	2.31E-04	3.63E-08	1.27E-08	3.24E-03	5.11E-07	1.78E-07	2.66E-04	4.19E-08	1.46E-08	3.23E-03	5.08E-07	1.77E-07	1.22E-04	1.93E-08	6.72E-09
1810	494911.06, 3859101.99	3.13E-03	4.93E-07	1.72E-07	2.26E-04	3.56E-08	1.24E-08	3.17E-03	4.99E-07	1.74E-07	2.61E-04	4.11E-08	1.43E-08	3.15E-03	4.96E-07	1.73E-07	1.20E-04	1.89E-08	6.60E-09
1811	494961.06, 3859101.99	3.02E-03	4.76E-07	1.66E-07	2.19E-04	3.45E-08	1.20E-08	3.06E-03	4.82E-07	1.68E-07	2.53E-04	3.99E-08	1.39E-08	3.04E-03	4.79E-07	1.67E-07	1.17E-04	1.84E-08	6.39E-09
1812	495011.06, 3859101.99	2.91E-03	4.59E-07	1.60E-07	2.12E-04	3.34E-08	1.16E-08	2.95E-03	4.65E-07	1.62E-07	2.44E-04	3.85E-08	1.34E-08	2.93E-03	4.62E-07	1.61E-07	1.13E-04	1.77E-08	6.18E-09
1813	495061.06, 3859101.99	2.91E-03	4.58E-07	1.60E-07	2.12E-04	3.34E-08	1.16E-08	2.94E-03	4.64E-07	1.62E-07	2.45E-04	3.86E-08	1.34E-08	2.93E-03	4.61E-07	1.61E-07	1.13E-04	1.78E-08	6.19E-09
1814	495111.06, 3859101.99	2.87E-03	4.53E-07	1.58E-07	2.10E-04	3.31E-08	1.15E-08	2.91E-03	4.58E-07	1.60E-07	2.43E-04	3.82E-08	1.33E-08	2.89E-03	4.55E-07	1.59E-07	1.12E-04	1.76E-08	6.13E-09
1815	495161.06, 3859101.99	2.89E-03	4.55E-07	1.58E-07	2.12E-04	3.34E-08	1.16E-08	2.92E-03	4.60E-07	1.60E-07	2.45E-04	3.86E-08	1.34E-08	2.90E-03	4.57E-07	1.59E-07	1.13E-04	1.78E-08	6.19E-09
1816	495211.06, 3859101.99	2.85E-03	4.50E-07	1.57E-07	2.11E-04	3.32E-08	1.16E-08	2.89E-03	4.55E-07	1.59E-07	2.43E-04	3.83E-08	1.33E-08	2.87E-03	4.52E-07	1.57E-07	1.12E-04	1.76E-08	6.14E-09
1817	495261.06, 3859101.99	2.85E-03	4.49E-07	1.56E-07	2.11E-04	3.32E-08	1.16E-08	2.88E-03	4.54E-07	1.58E-07	2.43E-04	3.84E-08	1.34E-08	2.86E-03	4.51E-07	1.57E-07	1.12E-04	1.77E-08	6.15E-09
1818	495311.06, 3859101.99	2.83E-03	4.46E-07	1.55E-07	2.11E-04	3.32E-08	1.16E-08	2.87E-03	4.52E-07	1.57E-07	2.44E-04	3.84E-08	1.34E-08	2.85E-03	4.48E-07	1.56E-07	1.12E-04	1.77E-08	6.15E-09
1819	495361.06, 3859101.99	2.83E-03	4.46E-07	1.55E-07	2.11E-04	3.32E-08	1.16E-08	2.86E-03	4.51E-07	1.57E-07	2.44E-04	3.84E-08	1.34E-08	2.84E-03	4.48E-07	1.56E-07	1.12E-04	1.77E-08	6.15E-09
1820	495411.06, 3859101.99	2.82E-03	4.44E-07	1.55E-07	2.11E-04	3.32E-08	1.16E-08	2.85E-03	4.49E-07	1.56E-07	2.43E-04	3.84E-08	1.34E-08	2.83E-03	4.46E-07	1.55E-07	1.12E-04	1.76E-08	6.15E-09
1821	495461.06, 3859101.99	2.79E-03	4.40E-07	1.53E-07	2.10E-04	3.31E-08	1.15E-08	2.83E-03	4.45E-07	1.55E-07	2.43E-04	3.82E-08	1.33E-08	2.80E-03	4.42E-07	1.54E-07	1.12E-04	1.76E-08	6.13E-09
1822	495511.06, 3859101.99	2.77E-03	4.37E-07	1.52E-07	2.10E-04	3.30E-08	1.15E-08	2.81E-03	4.42E-07	1.54E-07	2.42E-04	3.81E-08	1.33E-08	2.78E-03	4.39E-07	1.53E-07	1.11E-04	1.75E-08	6.11E-09
1823	495561.06, 3859101.99	2.74E-03	4.31E-07	1.50E-07	2.07E-04	3.26E-08	1.14E-08	2.77E-03	4.37E-07	1.52E-07	2.39E-04	3.77E-08	1.31E-08	2.75E-03	4.33E-07	1.51E-07	1.10E-04	1.73E-08	6.04E-09
1824	495611.06, 3859101.99	2.70E-03	4.26E-07	1.48E-07	2.05E-04	3.23E-08	1.13E-08	2.74E-03	4.31E-07	1.50E-07	2.37E-04	3.73E-08	1.30E-08	2.72E-03	4.28E-07	1.49E-07	1.09E-04	1.72E-08	5.98E-09
1825	495661.06, 3859101.99	2.70E-03	4.25E-07	1.48E-07	2.05E-04	3.24E-08	1.13E-08	2.73E-03	4.30E-07	1.50E-07	2.37E-04	3.74E-08	1.30E-08	2.71E-03	4.26E-07	1.49E-07	1.09E-04	1.72E-08	5.99E-09
1826	494311.06, 3859151.99	3.89E-03	6.13E-07	2.13E-07	2.60E-04	4.09E-08	1.43E-08	3.93E-03	6.20E-07	2.16E-07	3.00E-04	4.73E-08	1.65E-08	3.93E-03	6.19E-07	2.16E-07	1.38E-04	2.17E-08	7.57E-09
1827	494361.06, 3859151.99	3.86E-03	6.08E-07	2.12E-07	2.59E-04	4.08E-08	1.42E-08	3.91E-03	6.15E-07	2.14E-07	2.99E-04	4.71E-08	1.64E-08	3.90E-03	6.15E-07	2.14E-07	1.37E-04	2.16E-08	7.54E-09
1828	494411.06, 3859151.99	3.80E-03	5.99E-07	2.09E-07	2.57E-04	4.04E-08	1.41E-08	3.85E-03	6.06E-07	2.11E-07	2.96E-04	4.67E-08	1.63E-08	3.84E-03	6.05E-07	2.11E-07	1.36E-04	2.15E-08	7.47E-09
1829	494461.06, 3859151.99	3.74E-03	5.90E-07	2.05E-07	2.54E-04	4.00E-08	1.39E-08	3.79E-03	5.96E-07	2.08E-07	2.93E-04	4.62E-08	1.61E-08	3.78E-03	5.95E-07	2.07E-07	1.35E-04	2.12E-08	7.40E-09
1830	494511.06, 3859151.99	3.67E-03	5.78E-07	2.01E-07	2.51E-04	3.95E-08	1.38E-08	3.71E-03	5.85E-07	2.04E-07	2.90E-04	4.56E-08	1.59E-08	3.70E-03	5.83E-07	2.03E-07	1.33E-04	2.10E-08	7.31E-09
1831	494561.06, 3859151.99	3.62E-03	5.71E-07	1.99E-07	2.49E-04	3.92E-08	1.37E-08	3.66E-03	5.77E-07	2.01E-07	2.87E-04	4.53E-08	1.58E-08	3.65E-03	5.76E-07	2.01E-07	1.32E-04	2.08E-08	7.25E-09
1832	494611.06, 3859151.99	3.55E-03	5.59E-07	1.95E-07	2.45E-04	3.87E-08	1.35E-08	3.59E-03	5.65E-07	1.97E-07	2.83E-04	4.46E-08	1.55E-08	3.58E-03	5.64E-07	1.96E-07	1.30E-04	2.05E-08	7.15E-09
1833	494661.06, 3859151.99	3.50E-03	5.51E-07	1.92E-07	2.43E-04	3.83E-08	1.33E-08	3.54E-03	5.58E-07	1.94E-07	2.81E-04	4.42E-08	1.54E-08	3.53E-03	5.56E-07	1.94E-07	1.29E-04	2.03E-08	7.08E-09
1834	494711.06, 3859151.99	3.46E-03	5.44E-07	1.90E-07	2.41E-04	3.80E-08	1.32E-08	3.50E-03	5.51E-07	1.92E-07	2.79E-04	4.39E-08	1.53E-08	3.49E-03	5.49E-07	1.91E-07	1.28E-04	2.02E-08	7.03E-09
1835	494761.06, 3859151.99	3.37E-03	5.32E-07	1.85E-07	2.37E-04	3.73E-08	1.30E-08	3.41E-03	5.38E-07	1.87E-07	2.74E-04	4.31E-08	1.50E-08	3.40E-03	5.36E-07	1.87E-07	1.26E-04	1.98E-08	6.91E-09
1836	494811.06, 3859151.99	3.30E-03	5.21E-07	1.81E-07	2.33E-04	3.68E-08	1.28E-08	3.34E-03	5.27E-07	1.84E-07	2.69E-04	4.25E-08	1.48E-08	3.33E-03	5.25E-07	1.83E-07	1.24E-04	1.95E-08	6.80E-09
1837	494861.06, 3859151.99	3.26E-03	5.13E-07	1.79E-07	2.31E-04	3.64E-08	1.27E-08	3.30E-03	5.20E-07	1.81E-07	2.67E-04	4.20E-08	1.46E-08	3.28E-03	5.17E-07	1.80E-07	1.23E-04	1.93E-08	6.74E-09
1838	494911.06, 3859151.99	3.18E-03	5.00E-07	1.74E-07	2.26E-04	3.57E-08	1.24E-08	3.21E-03	5.06E-07	1.76E-07	2.61E-04	4.12E-08	1.43E-08	3.20E-03	5.04E-07	1.76E-07	1.20E-04	1.89E-08	6.60E-09
1839	494961.06, 3859151.99	3.07E-03	4.83E-07	1.68E-07	2.20E-04	3.47E-08	1.21E-08	3.10E-03	4.89E-07	1.70E-07	2.54E-04	4.01E-08	1.40E-08	3.09E-03	4.87E-07	1.70E-07	1.17E-04	1.84E-08	6.42E-09
1840	495011.06, 3859151.99	2.97E-03	4.68E-07	1.63E-07	2.13E-04	3.36E-08	1.17E-08	3.01E-03	4.73E-07	1.65E-07	2.46E-04	3.88E-08	1.35E-08	2.99E-03	4.71E-07	1.64E-07	1.13E-04	1.79E-08	6.22E-09
1841	495061.06, 3859151.99	2.95E-03	4.65E-07	1.62E-07	2.13E-04	3.36E-08	1.17E-08	2.99E-03	4.71E-07	1.64E-07	2.46E-04	3.87E-08	1.35E-08	2.97E-03	4.68E-07	1.63E-07	1.13E-04	1.78E-08	6.21E-09
1842	495111.06, 3859151.99	2.93E-03	4.62E-07	1.61E-07	2.12E-04	3.34E-08	1.16E-08	2.97E-03	4.67E-07	1.63E-07	2.45E-04	3.86E-08	1.34E-08	2.95E-03	4.65E-07	1.62E-07	1.13E-04	1.77E-08	6.18E-09
1843	495161.06, 3859151.99	2.94E-03	4.63E-07	1.61E-07	2.14E-04	3.37E-08	1.17E-08	2.98E-03	4.69E-07	1.63E-07	2.47E-04	3.89E-08	1.35E-08	2.96E-03	4.66E-07	1.62E-07	1.14E-04	1.79E-08	6.23E-09
1844	495211.06, 3859151.99	2.92E-03	4.60E-07	1.60E-07	2.13E-04	3.36E-08	1.17E-08	2.96E-03	4.66E-07	1.62E-07	2.46E-04	3.87E-08	1.35E-08	2.94E-03	4.63E-07	1.61E-07	1.13E-04	1.78E-08	6.21E-09
1845	495261.06, 3859151.99	2.90E-03	4.57E-07	1.59E-07	2.12E-04	3.35E-08	1.17E-08	2.94E-03	4.63E-07	1.61E-07	2.45E-04	3.86E-08	1.35E-08	2.92E-03	4.60E-07	1.60E-07	1.13E-04	1.78E-08	6.19E-09
1846	495311.06, 3859151.99	2.89E-03	4.55E-07	1.58E-07	2.12E-04	3.34E-08	1.16E-08	2.92E-03	4.61E-07	1.60E-07	2.45E-04	3.86E-08	1.34E-08	2.90E-03	4.58E-07	1.59E-07	1.13E-04	1.77E-08	6.18E-09
1847	495361.06, 3859151.99	2.87E-03	4.52E-07	1.58E-07	2.12E-04	3.33E-08	1.16E-08	2.91E-03	4.58E-07	1.59E-07	2.44E-04	3.85E-08	1.34E-08	2.89E-03	4.55E-07	1.58E-07	1.12E-04	1.77E-08	6.17E-09
1848	495411.06, 3859151.99	2.88E-03	4.53E-07	1.58E-07	2.13E-04	3.35E-08	1.17E-08	2.91E-03	4.59E-07	1.60E-07	2.46E-04	3.87E-08	1.35E-08	2.89E-03	4.56E-07	1.59E-07	1.13E-04	1.78E-08	6.21E-09
1849	495461.06, 3859151.99	2.86E-03	4.51E-07	1.57E-07	2.12E-04	3.35E-08	1.17E-08	2.90E-03	4.57E-07	1.59E-07	2.45E-04	3.86E-08	1.35E-08	2.88E-03	4.53E-07	1.58E-07	1.13E-04	1.78E-08	6.19E-09
1850	495511.06, 3859151.99	2.82E-03	4.45E-07	1.55E-07	2.10E-04	3.31E-08	1.15E-08	2.86E-03	4.50E-07	1.57E-07	2.43E-04	3.83E-08	1.33E-08	2.84E-03	4.47E-07	1.56E-07	1.12E-04	1.76E-08	6.13E-09
1851	495561.06, 3859151.99	2.80E-03	4.40E-07	1.53E-07	2.09E-04	3.29E-08	1.15E-08	2.83E-03	4.46E-07	1.55E-07	2.41E-04	3.80E-08	1.32E-08	2.81E-03	4.43E-07	1.54E-07	1.11E-04	1.75E-08	6.09E-09
1852	495611.06, 3859151.99	2.77E-03	4.36E-07	1.52E-07	2.08E-04	3.27E-08	1.14E-08	2.81E-03	4.42E-07	1.54E-07	2.40E-04	3.78E-08	1.32E-08	2.78E-03	4.38E-07	1.53E-07	1.10E-04	1.74E-08	6.06E-09
1853	495661.06, 3859151.99	2.75E-03	4.33E-07	1.51E-07	2.07E-04	3.26E-08	1.14E-08	2.78E-03	4.38E-07	1.53E-07	2.39E-04	3.76E-08	1.31E-08	2.76E-03	4.35E-07	1.52E-07	1.10E-04	1.73E-08	6.03E-09
1854	494311.06, 3859201.99	3.97E-03	6.25E-07	2.18E-07	2.59E-04	4.08E-08	1.42E-08	4.01E-03	6.32E-07	2.20E-07	2.99E-04	4.72E-08	1.64E-08	4.02E-03	6.33E-07	2.20E-07	1.38E-04	2.17E-08	7.55E-09
1855	494361.06, 3859201.99	3.93E-03	6.19E-07	2.16E-07	2.58E-04	4.06E-08	1.42E-08	3.97E-03	6.26E-07	2.18E-07	2.98E-04	4.69E-08	1.63E-08	3.97E-03	6.26E-07	2.18E-07	1.37E-04	2.16E-08	7.51E-09
1856	494411.06, 3859201.99	3.88E-03	6.11E-07	2.13E-07	2.56E-04	4.03E-08	1.40E-08	3.92E-03	6.17E-07	2.15E-07	2.96E-04	4.66E-08	1.62E-08	3.92E-03	6.17E-07	2.15E-07	1.36E-04	2.14E-08	7.45E-09
1857	494461.06, 3859201.99	3.80E-03	5.99E-07	2.09E-07	2.53E-04	3.99E-08	1.39E-08	3.85E-03	6.06E-07	2.11E-07	2.92E-04	4.60E-08	1.60E-08	3.84E-03	6.05E-07	2.11E-07	1.34E-04	2.12E-08	7.37E-09
1858	494511.06, 3859201.99	3.75E-03	5.91E-07	2.06E-07	2.51E-04	3.96E-08	1.38E-08	3.79E-03	5.98E-07	2.08E-07	2.90E-04	4.57E-08	1.59E-08	3.79E-03	5.97E-07	2.08E-07	1.33E-04	2.10E-08	7.31E-09
1859	494561.06, 3859201.99	3.67E-03	5.78E-07	2.02E-07	2.48E-04	3.90E-08	1.36E-08	3.71E-03	5.85E-07	2.04E-07	2.86E-04	4.51E-08	1.57E-08	3.71E-03	5.84E-07	2.04E-07	1.32E-04	2.07E-08	7.22E-09
1860	494611.06, 3859201.99	3.61E-03	5.69E-07	1.98E-07	2.45E-04	3.86E-08	1.35E-08	3.65E-03	5.75E-07	2.00E-07	2.83E-04	4.46E-08	1.55E-08	3.64E-03	5.74E-07	2.00E-07	1.30E-04	2.05E-08	7.14E-09
1861	494661.06, 3859201.99	3.56E-03	5.61E-07	1.95E-07	2.43E-04	3.83E-08	1.33E-08	3.60E-03	5.67E-07	1.98E-07	2.81E-04	4.42E-08	1.54E-08	3.59E-03	5.66E-07	1.97E-07	1.29E-04	2.03E-08	7.08E-09
1862	494711.06, 3859201.99	3.51E-03	5.53E-07	1.93E-07	2.41E-04	3.79E-08	1.32E-08	3.55E-03	5.59E-07	1.95E-07	2.78E-04	4.38E-08	1.53E-08	3.54E-03	5.58E-07	1.94E-07	1.28E-04	2.01E-08	7.02E-09
1863	494761.06, 3859201.99	3.43E-03	5.40E-07	1.88E-07	2.37E-04	3.74E-08	1.30E-08	3.47E-03	5.47E-07	1.90E-07	2.74E-04	4.31E-08	1.50E-08	3.46E-03	5.45E-07	1.90E-07	1.26E-04	1.98E-08	6.91E-09
1864	494811.06, 3859201.99	3.36E-03	5.30E-07	1.85E-07	2.34E-04	3.68E-08	1.28E-08	3.40E-03	5.36E-07	1.87E-07	2.70E-04	4.25E-08	1.48E-08	3.39E-03	5.34E-07	1.86E-07	1.24E-04	1.96E-08	6.81E-09
1865	494861.06, 3859201.99	3.29E-03	5.18E-07	1.80E-07	2.30E-04	3.63E-08	1.26E-08	3.32E-03	5.24E-07	1.82E-07	2.66E-04	4.19E-08	1.46E-08	3.31E-03	5.22E-07	1.82E-07	1.22E-04	1.93E-08	6.71E-09
1866	494911.06, 3859201.99	3.20E-03	5.04E-07	1.76E-07	2.25E-04	3.55E-08	1.24E-08	3.24E-03	5.10E-07	1.78E-07	2.60E-04	4.09E-08	1.43E-08	3.22E-03	5.08E-07	1.77E-07	1.20E-04	1.88E-08	6.56E-09
1867	494961.06, 3859201.99	3.11E-03	4.89E-07	1.70E-07	2.20E-04	3.46E-08	1.21E-08	3.14E-03	4.95E-07	1.72E-07	2.54E-04	3.99E-08	1.39E-08	3.13E-03	4.93E-07	1.72E-07	1.17E-04	1.84E-08	6.40E-09
1868	495011.06, 3859201.99	2.98E-03	4.70E-07	1.64E-07	2.12E-04	3.34E-08	1.16E-08	3.02E-03	4.76E-07	1.66E-07	2.45E-04	3.86E-08	1.34E-08	3.01E-03	4.74E-07	1.65E-07	1.13E-04	1.77E-08	6.18E-09
1869	495061.06, 3859201.99	3.02E-03	4.75E-07	1.66E-07	2.15E-04	3.39E-08	1.18E-08	3.05E-03	4.81E-07	1.68E-07	2.48E-04	3.91E-08	1.36E-08	3.04E-03	4.79E-07	1.67E-07	1.14E-04	1.80E-08	6.27E-09
1870	495111.06, 3859201.99	3.01E-03	4.74E-07	1.65E-07	2.15E-04	3.39E-08	1.18E-08	3.04E-03	4.80E-07	1.67E-07	2.48E-04	3.91E-08	1.36E-08	3.03E-03	4.77E-07	1.66E-07	1.14E-04	1.80E-08	6.27E-09
1871	495161.06, 3859201.99	2.99E-03	4.72E-07	1.64E-07	2.15E-04	3.38E-08	1.18E-08	3.03E-03	4.77E-07	1.66E-07	2.48E-04	3.91E-08	1.36E-08	3.01E-03	4.75E-07	1.65E-07	1.14E-04	1.80E-08	6.26E-09
1872	495211.06, 3859201.99	2.96E-03	4.67E-07	1.63E-07	2.13E-04	3.36E-08	1.17E-08	3.00E-03	4.72E-07	1.65E-07	2.46E-04	3.88E-08	1.35E-08	2.98E-03	4.70E-07	1.64E-07	1.13E-04	1.79E-08	6.22E-09

1873	495261.06, 3859201.99	2.96E-03	4.66E-07	1.62E-07	2.14E-04	3.37E-08	1.17E-08	2.99E-03	4.71E-07	1.64E-07	2.47E-04	3.89E-08	1.35E-08	2.98E-03	4.69E-07	1.63E-07	1.13E-04	1.79E-08	6.23E-09
1874	495311.06, 3859201.99	2.94E-03	4.63E-07	1.61E-07	2.13E-04	3.36E-08	1.17E-08	2.98E-03	4.69E-07	1.63E-07	2.46E-04	3.88E-08	1.35E-08	2.96E-03	4.66E-07	1.62E-07	1.13E-04	1.78E-08	6.21E-09
1875	495361.06, 3859201.99	2.93E-03	4.61E-07	1.61E-07	2.13E-04	3.36E-08	1.17E-08	2.97E-03	4.67E-07	1.63E-07	2.46E-04	3.88E-08	1.35E-08	2.95E-03	4.64E-07	1.62E-07	1.13E-04	1.78E-08	6.21E-09
1876	495411.06, 3859201.99	2.93E-03	4.62E-07	1.61E-07	2.14E-04	3.37E-08	1.17E-08	2.97E-03	4.68E-07	1.63E-07	2.47E-04	3.89E-08	1.36E-08	2.95E-03	4.65E-07	1.62E-07	1.14E-04	1.79E-08	6.24E-09
1877	495461.06, 3859201.99	2.91E-03	4.59E-07	1.60E-07	2.13E-04	3.36E-08	1.17E-08	2.95E-03	4.64E-07	1.62E-07	2.46E-04	3.88E-08	1.35E-08	2.93E-03	4.62E-07	1.61E-07	1.13E-04	1.78E-08	6.21E-09
1878	495511.06, 3859201.99	2.89E-03	4.55E-07	1.59E-07	2.12E-04	3.35E-08	1.17E-08	2.93E-03	4.61E-07	1.61E-07	2.45E-04	3.86E-08	1.35E-08	2.91E-03	4.58E-07	1.60E-07	1.13E-04	1.78E-08	6.19E-09
1879	495561.06, 3859201.99	2.85E-03	4.49E-07	1.56E-07	2.10E-04	3.31E-08	1.15E-08	2.88E-03	4.54E-07	1.58E-07	2.43E-04	3.82E-08	1.33E-08	2.86E-03	4.51E-07	1.57E-07	1.12E-04	1.76E-08	6.12E-09
1880	495611.06, 3859201.99	2.82E-03	4.44E-07	1.55E-07	2.09E-04	3.29E-08	1.15E-08	2.85E-03	4.49E-07	1.57E-07	2.41E-04	3.79E-08	1.32E-08	2.83E-03	4.46E-07	1.55E-07	1.11E-04	1.75E-08	6.08E-09
1881	495661.06, 3859201.99	2.80E-03	4.40E-07	1.53E-07	2.08E-04	3.27E-08	1.14E-08	2.83E-03	4.46E-07	1.55E-07	2.40E-04	3.78E-08	1.32E-08	2.81E-03	4.43E-07	1.54E-07	1.10E-04	1.74E-08	6.05E-09
1882	494311.06, 3859251.99	4.05E-03	6.38E-07	2.22E-07	2.58E-04	4.07E-08	1.42E-08	4.09E-03	6.45E-07	2.25E-07	2.98E-04	4.70E-08	1.64E-08	4.10E-03	6.46E-07	2.25E-07	1.37E-04	2.16E-08	7.51E-09
1883	494361.06, 3859251.99	3.99E-03	6.29E-07	2.19E-07	2.56E-04	4.04E-08	1.41E-08	4.04E-03	6.36E-07	2.21E-07	2.96E-04	4.66E-08	1.62E-08	4.04E-03	6.37E-07	2.22E-07	1.36E-04	2.14E-08	7.46E-09
1884	494411.06, 3859251.99	3.92E-03	6.17E-07	2.15E-07	2.54E-04	4.00E-08	1.39E-08	3.96E-03	6.23E-07	2.17E-07	2.93E-04	4.62E-08	1.61E-08	3.96E-03	6.24E-07	2.17E-07	1.35E-04	2.12E-08	7.39E-09
1885	494461.06, 3859251.99	3.86E-03	6.08E-07	2.12E-07	2.52E-04	3.97E-08	1.38E-08	3.90E-03	6.15E-07	2.14E-07	2.91E-04	4.58E-08	1.60E-08	3.91E-03	6.16E-07	2.14E-07	1.34E-04	2.11E-08	7.33E-09
1886	494511.06, 3859251.99	3.78E-03	5.96E-07	2.08E-07	2.49E-04	3.92E-08	1.37E-08	3.82E-03	6.02E-07	2.10E-07	2.87E-04	4.53E-08	1.58E-08	3.82E-03	6.02E-07	2.10E-07	1.32E-04	2.08E-08	7.25E-09
1887	494561.06, 3859251.99	3.73E-03	5.87E-07	2.04E-07	2.47E-04	3.89E-08	1.35E-08	3.77E-03	5.94E-07	2.07E-07	2.85E-04	4.49E-08	1.56E-08	3.77E-03	5.93E-07	2.07E-07	1.31E-04	2.06E-08	7.19E-09
1888	494611.06, 3859251.99	3.66E-03	5.76E-07	2.01E-07	2.44E-04	3.85E-08	1.34E-08	3.70E-03	5.83E-07	2.03E-07	2.82E-04	4.44E-08	1.55E-08	3.70E-03	5.82E-07	2.03E-07	1.30E-04	2.04E-08	7.11E-09
1889	494661.06, 3859251.99	3.62E-03	5.70E-07	1.98E-07	2.43E-04	3.82E-08	1.33E-08	3.66E-03	5.76E-07	2.01E-07	2.80E-04	4.41E-08	1.54E-08	3.65E-03	5.76E-07	2.01E-07	1.29E-04	2.03E-08	7.06E-09
1890	494711.06, 3859251.99	3.56E-03	5.62E-07	1.96E-07	2.40E-04	3.79E-08	1.32E-08	3.60E-03	5.68E-07	1.98E-07	2.78E-04	4.37E-08	1.52E-08	3.60E-03	5.67E-07	1.98E-07	1.28E-04	2.01E-08	7.00E-09
1891	494761.06, 3859251.99	3.44E-03	5.42E-07	1.89E-07	2.35E-04	3.71E-08	1.29E-08	3.48E-03	5.48E-07	1.91E-07	2.72E-04	4.28E-08	1.49E-08	3.47E-03	5.47E-07	1.91E-07	1.25E-04	1.97E-08	6.85E-09
1892	494811.06, 3859251.99	3.42E-03	5.39E-07	1.88E-07	2.34E-04	3.69E-08	1.28E-08	3.46E-03	5.45E-07	1.90E-07	2.70E-04	4.26E-08	1.48E-08	3.45E-03	5.44E-07	1.89E-07	1.24E-04	1.96E-08	6.82E-09
1893	494861.06, 3859251.99	3.31E-03	5.22E-07	1.82E-07	2.29E-04	3.61E-08	1.26E-08	3.35E-03	5.28E-07	1.84E-07	2.65E-04	4.17E-08	1.45E-08	3.34E-03	5.26E-07	1.83E-07	1.22E-04	1.92E-08	6.68E-09
1894	494911.06, 3859251.99	3.22E-03	5.07E-07	1.77E-07	2.24E-04	3.53E-08	1.23E-08	3.26E-03	5.13E-07	1.79E-07	2.58E-04	4.07E-08	1.42E-08	3.25E-03	5.12E-07	1.78E-07	1.19E-04	1.87E-08	6.52E-09
1895	494961.06, 3859251.99	3.17E-03	4.99E-07	1.74E-07	2.21E-04	3.49E-08	1.21E-08	3.21E-03	5.05E-07	1.76E-07	2.55E-04	4.02E-08	1.40E-08	3.20E-03	5.04E-07	1.75E-07	1.17E-04	1.85E-08	6.45E-09
1896	495011.06, 3859251.99	3.11E-03	4.90E-07	1.71E-07	2.18E-04	3.44E-08	1.20E-08	3.15E-03	4.96E-07	1.73E-07	2.52E-04	3.97E-08	1.38E-08	3.14E-03	4.94E-07	1.72E-07	1.16E-04	1.82E-08	6.35E-09
1897	495061.06, 3859251.99	3.11E-03	4.89E-07	1.70E-07	2.18E-04	3.44E-08	1.20E-08	3.14E-03	4.95E-07	1.72E-07	2.52E-04	3.97E-08	1.38E-08	3.13E-03	4.93E-07	1.72E-07	1.16E-04	1.83E-08	6.36E-09
1898	495111.06, 3859251.99	3.08E-03	4.85E-07	1.69E-07	2.17E-04	3.42E-08	1.19E-08	3.11E-03	4.91E-07	1.71E-07	2.51E-04	3.95E-08	1.38E-08	3.10E-03	4.89E-07	1.70E-07	1.15E-04	1.82E-08	6.33E-09
1899	495161.06, 3859251.99	3.06E-03	4.82E-07	1.68E-07	2.17E-04	3.41E-08	1.19E-08	3.10E-03	4.88E-07	1.70E-07	2.50E-04	3.94E-08	1.37E-08	3.09E-03	4.86E-07	1.69E-07	1.15E-04	1.81E-08	6.31E-09
1900	495211.06, 3859251.99	3.03E-03	4.78E-07	1.66E-07	2.15E-04	3.39E-08	1.18E-08	3.07E-03	4.83E-07	1.68E-07	2.49E-04	3.92E-08	1.37E-08	3.05E-03	4.81E-07	1.68E-07	1.14E-04	1.80E-08	6.28E-09
1901	495261.06, 3859251.99	3.02E-03	4.75E-07	1.66E-07	2.16E-04	3.40E-08	1.18E-08	3.05E-03	4.81E-07	1.68E-07	2.49E-04	3.92E-08	1.37E-08	3.04E-03	4.79E-07	1.67E-07	1.14E-04	1.80E-08	6.28E-09
1902	495311.06, 3859251.99	3.01E-03	4.74E-07	1.65E-07	2.15E-04	3.39E-08	1.18E-08	3.05E-03	4.80E-07	1.67E-07	2.48E-04	3.91E-08	1.36E-08	3.03E-03	4.78E-07	1.66E-07	1.14E-04	1.80E-08	6.27E-09
1903	495361.06, 3859251.99	2.99E-03	4.71E-07	1.64E-07	2.15E-04	3.38E-08	1.18E-08	3.03E-03	4.77E-07	1.66E-07	2.48E-04	3.90E-08	1.36E-08	3.01E-03	4.74E-07	1.65E-07	1.14E-04	1.79E-08	6.25E-09
1904	495411.06, 3859251.99	2.99E-03	4.71E-07	1.64E-07	2.15E-04	3.39E-08	1.18E-08	3.03E-03	4.77E-07	1.66E-07	2.48E-04	3.91E-08	1.36E-08	3.01E-03	4.74E-07	1.65E-07	1.14E-04	1.80E-08	6.26E-09
1905	495461.06, 3859251.99	2.97E-03	4.68E-07	1.63E-07	2.14E-04	3.38E-08	1.18E-08	3.00E-03	4.73E-07	1.65E-07	2.47E-04	3.90E-08	1.36E-08	2.99E-03	4.71E-07	1.64E-07	1.14E-04	1.79E-08	6.24E-09
1906	495511.06, 3859251.99	2.93E-03	4.61E-07	1.61E-07	2.12E-04	3.34E-08	1.16E-08	2.96E-03	4.66E-07	1.63E-07	2.45E-04	3.86E-08	1.34E-08	2.94E-03	4.64E-07	1.62E-07	1.13E-04	1.77E-08	6.18E-09
1907	495561.06, 3859251.99	2.90E-03	4.57E-07	1.59E-07	2.11E-04	3.32E-08	1.16E-08	2.93E-03	4.62E-07	1.61E-07	2.44E-04	3.84E-08	1.34E-08	2.92E-03	4.60E-07	1.60E-07	1.12E-04	1.76E-08	6.15E-09
1908	495611.06, 3859251.99	2.86E-03	4.51E-07	1.57E-07	2.09E-04	3.29E-08	1.15E-08	2.90E-03	4.56E-07	1.59E-07	2.41E-04	3.80E-08	1.33E-08	2.88E-03	4.54E-07	1.58E-07	1.11E-04	1.75E-08	6.09E-09
1909	495661.06, 3859251.99	2.84E-03	4.47E-07	1.56E-07	2.08E-04	3.28E-08	1.14E-08	2.87E-03	4.52E-07	1.58E-07	2.40E-04	3.78E-08	1.32E-08	2.85E-03	4.49E-07	1.57E-07	1.10E-04	1.74E-08	6.06E-09
1910	494311.06, 3859301.99	4.12E-03	6.50E-07	2.26E-07	2.56E-04	4.04E-08	1.41E-08	4.17E-03	6.56E-07	2.29E-07	2.96E-04	4.67E-08	1.63E-08	4.18E-03	6.59E-07	2.29E-07	1.36E-04	2.14E-08	7.46E-09
1911	494361.06, 3859301.99	4.06E-03	6.40E-07	2.23E-07	2.55E-04	4.01E-08	1.40E-08	4.10E-03	6.46E-07	2.25E-07	2.94E-04	4.63E-08	1.61E-08	4.12E-03	6.48E-07	2.26E-07	1.35E-04	2.13E-08	7.41E-09
1912	494411.06, 3859301.99	3.98E-03	6.27E-07	2.19E-07	2.52E-04	3.97E-08	1.38E-08	4.03E-03	6.34E-07	2.21E-07	2.91E-04	4.59E-08	1.60E-08	4.03E-03	6.36E-07	2.21E-07	1.34E-04	2.11E-08	7.34E-09
1913	494461.06, 3859301.99	3.91E-03	6.15E-07	2.14E-07	2.50E-04	3.94E-08	1.37E-08	3.95E-03	6.22E-07	2.17E-07	2.89E-04	4.54E-08	1.58E-08	3.96E-03	6.23E-07	2.17E-07	1.32E-04	2.09E-08	7.27E-09
1914	494511.06, 3859301.99	3.84E-03	6.05E-07	2.11E-07	2.48E-04	3.90E-08	1.36E-08	3.88E-03	6.11E-07	2.13E-07	2.86E-04	4.50E-08	1.57E-08	3.89E-03	6.12E-07	2.13E-07	1.31E-04	2.07E-08	7.21E-09
1915	494561.06, 3859301.99	3.78E-03	5.96E-07	2.08E-07	2.46E-04	3.87E-08	1.35E-08	3.82E-03	6.02E-07	2.10E-07	2.84E-04	4.47E-08	1.56E-08	3.83E-03	6.03E-07	2.10E-07	1.30E-04	2.05E-08	7.15E-09
1916	494611.06, 3859301.99	3.72E-03	5.87E-07	2.04E-07	2.44E-04	3.84E-08	1.34E-08	3.76E-03	5.93E-07	2.07E-07	2.81E-04	4.43E-08	1.54E-08	3.77E-03	5.93E-07	2.07E-07	1.29E-04	2.04E-08	7.09E-09
1917	494661.06, 3859301.99	3.67E-03	5.78E-07	2.01E-07	2.41E-04	3.80E-08	1.33E-08	3.71E-03	5.84E-07	2.03E-07	2.79E-04	4.39E-08	1.53E-08	3.71E-03	5.84E-07	2.03E-07	1.28E-04	2.02E-08	7.03E-09
1918	494711.06, 3859301.99	3.60E-03	5.67E-07	1.97E-07	2.39E-04	3.76E-08	1.31E-08	3.64E-03	5.73E-07	2.00E-07	2.76E-04	4.35E-08	1.51E-08	3.64E-03	5.73E-07	2.00E-07	1.27E-04	2.00E-08	6.95E-09
1919	494761.06, 3859301.99	3.54E-03	5.57E-07	1.94E-07	2.36E-04	3.73E-08	1.30E-08	3.58E-03	5.64E-07	1.96E-07	2.73E-04	4.30E-08	1.50E-08	3.58E-03	5.63E-07	1.96E-07	1.25E-04	1.98E-08	6.88E-09
1920	494811.06, 3859301.99	3.46E-03	5.44E-07	1.90E-07	2.33E-04	3.67E-08	1.28E-08	3.49E-03	5.50E-07	1.92E-07	2.69E-04	4.24E-08	1.48E-08	3.49E-03	5.50E-07	1.92E-07	1.24E-04	1.95E-08	6.78E-09
1921	494861.06, 3859301.99	3.35E-03	5.27E-07	1.84E-07	2.28E-04	3.59E-08	1.25E-08	3.38E-03	5.33E-07	1.86E-07	2.63E-04	4.14E-08	1.44E-08	3.38E-03	5.32E-07	1.85E-07	1.21E-04	1.90E-08	6.63E-09
1922	494911.06, 3859301.99	3.29E-03	5.18E-07	1.80E-07	2.25E-04	3.55E-08	1.24E-08	3.33E-03	5.24E-07	1.83E-07	2.60E-04	4.09E-08	1.43E-08	3.32E-03	5.23E-07	1.82E-07	1.19E-04	1.88E-08	6.56E-09
1923	494961.06, 3859301.99	3.18E-03	5.01E-07	1.75E-07	2.20E-04	3.46E-08	1.21E-08	3.22E-03	5.07E-07	1.77E-07	2.54E-04	4.00E-08	1.39E-08	3.21E-03	5.05E-07	1.76E-07	1.17E-04	1.84E-08	6.40E-09
1924	495011.06, 3859301.99	3.14E-03	4.94E-07	1.72E-07	2.18E-04	3.43E-08	1.19E-08	3.17E-03	5.00E-07	1.74E-07	2.51E-04	3.96E-08	1.38E-08	3.16E-03	4.99E-07	1.74E-07	1.16E-04	1.82E-08	6.34E-09
1925	495061.06, 3859301.99	3.17E-03	5.00E-07	1.74E-07	2.20E-04	3.47E-08	1.21E-08	3.21E-03	5.06E-07	1.76E-07	2.55E-04	4.01E-08	1.40E-08	3.20E-03	5.04E-07	1.76E-07	1.17E-04	1.84E-08	6.42E-09
1926	495111.06, 3859301.99	3.11E-03	4.91E-07	1.71E-07	2.17E-04	3.42E-08	1.19E-08	3.15E-03	4.96E-07	1.73E-07	2.51E-04	3.95E-08	1.38E-08	3.14E-03	4.95E-07	1.72E-07	1.15E-04	1.82E-08	6.33E-09
1927	495161.06, 3859301.99	3.10E-03	4.88E-07	1.70E-07	2.17E-04	3.41E-08	1.19E-08	3.14E-03	4.94E-07	1.72E-07	2.50E-04	3.94E-08	1.37E-08	3.13E-03	4.93E-07	1.72E-07	1.15E-04	1.81E-08	6.31E-09
1928	495211.06, 3859301.99	3.10E-03	4.89E-07	1.70E-07	2.17E-04	3.42E-08	1.19E-08	3.14E-03	4.95E-07	1.72E-07	2.51E-04	3.95E-08	1.38E-08	3.13E-03	4.93E-07	1.72E-07	1.15E-04	1.82E-08	6.33E-09
1929	495261.06, 3859301.99	3.09E-03	4.87E-07	1.70E-07	2.17E-04	3.42E-08	1.19E-08	3.13E-03	4.93E-07	1.72E-07	2.51E-04	3.95E-08	1.38E-08	3.12E-03	4.91E-07	1.71E-07	1.15E-04	1.82E-08	6.33E-09
1930	495311.06, 3859301.99	3.05E-03	4.81E-07	1.68E-07	2.15E-04	3.39E-08	1.18E-08	3.09E-03	4.87E-07	1.70E-07	2.49E-04	3.92E-08	1.37E-08	3.08E-03	4.85E-07	1.69E-07	1.14E-04	1.80E-08	6.27E-09
1931	495361.06, 3859301.99	3.05E-03	4.80E-07	1.67E-07	2.16E-04	3.40E-08	1.18E-08	3.08E-03	4.86E-07	1.69E-07	2.49E-04	3.92E-08	1.37E-08	3.07E-03	4.84E-07	1.69E-07	1.14E-04	1.80E-08	6.28E-09
1932	495411.06, 3859301.99	3.03E-03	4.78E-07	1.66E-07	2.15E-04	3.39E-08	1.18E-08	3.07E-03	4.83E-07	1.68E-07	2.48E-04	3.91E-08	1.36E-08	3.06E-03	4.81E-07	1.68E-07	1.14E-04	1.80E-08	6.26E-09
1933	495461.06, 3859301.99	3.02E-03	4.76E-07	1.66E-07	2.15E-04	3.38E-08	1.18E-08	3.06E-03	4.81E-07	1.68E-07	2.48E-04	3.91E-08	1.36E-08	3.04E-03	4.79E-07	1.67E-07	1.14E-04	1.80E-08	6.25E-09
1934	495511.06, 3859301.99	2.98E-03	4.70E-07	1.64E-07	2.13E-04	3.36E-08	1.17E-08	3.02E-03	4.76E-07	1.66E-07	2.46E-04	3.88E-08	1.35E-08	3.01E-03	4.73E-07	1.65E-07	1.13E-04	1.78E-08	6.21E-09
1935	495561.06, 3859301.99	2.93E-03	4.61E-07	1.61E-07	2.10E-04	3.31E-08	1.15E-08	2.96E-03	4.67E-07	1.63E-07	2.43E-04	3.83E-08	1.33E-08	2.95E-03	4.65E-07	1.62E-07	1.12E-04	1.76E-08	6.13E-09
1936	495611.06, 3859301.99	2.90E-03	4.57E-07	1.59E-07	2.09E-04	3.30E-08	1.15E-08	2.94E-03	4.63E-07	1.61E-07	2.42E-04	3.81E-08	1.33E-08	2.92E-03	4.60E-07	1.60E-07	1.11E-04	1.75E-08	6.09E-09
1937	495661.06, 3859301.99	2.88E-03	4.53E-07	1.58E-07	2.08E-04	3.28E-08	1.14E-08	2.91E-03	4.59E-07	1.60E-07	2.40E-04	3.79E-08	1.32E-08	2.90E-03	4.56E-07	1.59E-07	1.10E-04	1.74E-08	6.06E-09
1938	494311.06, 3859351.99	4.18E-03	6.58E-07	2.29E-07	2.54E-04	4.00E-08	1.39E-08	4.22E-03	6.65E-07	2.32E-07	2.93E-04	4.62E-08	1.61E-08	4.24E-03	6.68E-07	2.33E-07	1.34E-04	2.12E-08	7.38E-09
1939	494361.06, 3859351.99	4.11E-03	6.48E-07	2.26E-07	2.52E-04	3.97E-08	1.38E-08	4.16E-03	6.55E-07	2.28E-07	2.91E-04	4.59E-08	1.60E-08	4.17E-03	6.57E-07	2.29E-07	1.34E-04	2.10E-08	7.33E-09

1940	494411.06, 3859351.99	4.03E-03	6.34E-07	2.21E-07	2.50E-04	3.94E-08	1.37E-08	4.07E-03	6.41E-07	2.23E-07	2.88E-04	4.54E-08	1.58E-08	4.08E-03	6.43E-07	2.24E-07	1.32E-04	2.09E-08	7.27E-09
1941	494461.06, 3859351.99	3.95E-03	6.23E-07	2.17E-07	2.48E-04	3.90E-08	1.36E-08	3.99E-03	6.29E-07	2.19E-07	2.86E-04	4.51E-08	1.57E-08	4.01E-03	6.31E-07	2.20E-07	1.31E-04	2.07E-08	7.21E-09
1942	494511.06, 3859351.99	3.89E-03	6.12E-07	2.13E-07	2.46E-04	3.87E-08	1.35E-08	3.93E-03	6.19E-07	2.16E-07	2.84E-04	4.47E-08	1.56E-08	3.94E-03	6.21E-07	2.16E-07	1.30E-04	2.05E-08	7.15E-09
1943	494561.06, 3859351.99	3.84E-03	6.05E-07	2.11E-07	2.44E-04	3.85E-08	1.34E-08	3.88E-03	6.11E-07	2.13E-07	2.82E-04	4.44E-08	1.55E-08	3.89E-03	6.12E-07	2.13E-07	1.29E-04	2.04E-08	7.11E-09
1944	494611.06, 3859351.99	3.78E-03	5.96E-07	2.07E-07	2.42E-04	3.82E-08	1.33E-08	3.82E-03	6.02E-07	2.10E-07	2.80E-04	4.41E-08	1.54E-08	3.83E-03	6.03E-07	2.10E-07	1.28E-04	2.02E-08	7.05E-09
1945	494661.06, 3859351.99	3.72E-03	5.86E-07	2.04E-07	2.40E-04	3.79E-08	1.32E-08	3.76E-03	5.93E-07	2.06E-07	2.78E-04	4.37E-08	1.52E-08	3.77E-03	5.93E-07	2.07E-07	1.27E-04	2.01E-08	6.99E-09
1946	494711.06, 3859351.99	3.65E-03	5.75E-07	2.00E-07	2.38E-04	3.75E-08	1.30E-08	3.69E-03	5.81E-07	2.02E-07	2.75E-04	4.32E-08	1.51E-08	3.69E-03	5.81E-07	2.03E-07	1.26E-04	1.99E-08	6.92E-09
1947	494761.06, 3859351.99	3.55E-03	5.60E-07	1.95E-07	2.35E-04	3.70E-08	1.29E-08	3.59E-03	5.66E-07	1.97E-07	2.71E-04	4.27E-08	1.49E-08	3.59E-03	5.66E-07	1.97E-07	1.24E-04	1.96E-08	6.83E-09
1948	494811.06, 3859351.99	3.44E-03	5.42E-07	1.89E-07	2.29E-04	3.61E-08	1.26E-08	3.48E-03	5.48E-07	1.91E-07	2.65E-04	4.17E-08	1.45E-08	3.48E-03	5.47E-07	1.91E-07	1.22E-04	1.92E-08	6.68E-09
1949	494861.06, 3859351.99	3.39E-03	5.34E-07	1.86E-07	2.27E-04	3.58E-08	1.25E-08	3.43E-03	5.40E-07	1.88E-07	2.62E-04	4.13E-08	1.44E-08	3.42E-03	5.40E-07	1.88E-07	1.21E-04	1.90E-08	6.62E-09
1950	494911.06, 3859351.99	3.35E-03	5.28E-07	1.84E-07	2.26E-04	3.56E-08	1.24E-08	3.39E-03	5.34E-07	1.86E-07	2.61E-04	4.11E-08	1.43E-08	3.39E-03	5.34E-07	1.86E-07	1.20E-04	1.89E-08	6.58E-09
1951	494961.06, 3859351.99	3.30E-03	5.20E-07	1.81E-07	2.24E-04	3.52E-08	1.23E-08	3.34E-03	5.26E-07	1.83E-07	2.58E-04	4.07E-08	1.42E-08	3.33E-03	5.25E-07	1.83E-07	1.19E-04	1.87E-08	6.51E-09
1952	495011.06, 3859351.99	3.26E-03	5.13E-07	1.79E-07	2.22E-04	3.49E-08	1.22E-08	3.30E-03	5.19E-07	1.81E-07	2.56E-04	4.03E-08	1.41E-08	3.29E-03	5.18E-07	1.81E-07	1.18E-04	1.85E-08	6.46E-09
1953	495061.06, 3859351.99	3.27E-03	5.15E-07	1.79E-07	2.23E-04	3.51E-08	1.22E-08	3.31E-03	5.21E-07	1.82E-07	2.57E-04	4.05E-08	1.41E-08	3.30E-03	5.20E-07	1.81E-07	1.18E-04	1.86E-08	6.48E-09
1954	495111.06, 3859351.99	3.23E-03	5.08E-07	1.77E-07	2.21E-04	3.48E-08	1.21E-08	3.26E-03	5.14E-07	1.79E-07	2.55E-04	4.02E-08	1.40E-08	3.26E-03	5.13E-07	1.79E-07	1.17E-04	1.85E-08	6.43E-09
1955	495161.06, 3859351.99	3.20E-03	5.04E-07	1.76E-07	2.20E-04	3.46E-08	1.21E-08	3.24E-03	5.10E-07	1.78E-07	2.54E-04	4.00E-08	1.39E-08	3.23E-03	5.09E-07	1.77E-07	1.17E-04	1.84E-08	6.40E-09
1956	495211.06, 3859351.99	3.17E-03	5.00E-07	1.74E-07	2.19E-04	3.45E-08	1.20E-08	3.21E-03	5.06E-07	1.76E-07	2.53E-04	3.98E-08	1.39E-08	3.20E-03	5.05E-07	1.76E-07	1.16E-04	1.83E-08	6.37E-09
1957	495261.06, 3859351.99	3.16E-03	4.98E-07	1.74E-07	2.19E-04	3.44E-08	1.20E-08	3.20E-03	5.04E-07	1.76E-07	2.52E-04	3.97E-08	1.38E-08	3.19E-03	5.03E-07	1.75E-07	1.16E-04	1.83E-08	6.36E-09
1958	495311.06, 3859351.99	3.12E-03	4.92E-07	1.71E-07	2.17E-04	3.42E-08	1.19E-08	3.16E-03	4.98E-07	1.73E-07	2.50E-04	3.95E-08	1.37E-08	3.15E-03	4.97E-07	1.73E-07	1.15E-04	1.81E-08	6.32E-09
1959	495361.06, 3859351.99	3.10E-03	4.89E-07	1.70E-07	2.16E-04	3.40E-08	1.19E-08	3.14E-03	4.94E-07	1.72E-07	2.49E-04	3.93E-08	1.37E-08	3.13E-03	4.93E-07	1.72E-07	1.15E-04	1.81E-08	6.29E-09
1960	495411.06, 3859351.99	3.09E-03	4.86E-07	1.69E-07	2.16E-04	3.40E-08	1.18E-08	3.12E-03	4.92E-07	1.71E-07	2.49E-04	3.92E-08	1.37E-08	3.11E-03	4.90E-07	1.71E-07	1.14E-04	1.80E-08	6.28E-09
1961	495461.06, 3859351.99	3.08E-03	4.85E-07	1.69E-07	2.16E-04	3.40E-08	1.18E-08	3.12E-03	4.91E-07	1.71E-07	2.49E-04	3.92E-08	1.37E-08	3.11E-03	4.89E-07	1.70E-07	1.14E-04	1.80E-08	6.28E-09
1962	495511.06, 3859351.99	3.03E-03	4.78E-07	1.66E-07	2.13E-04	3.36E-08	1.17E-08	3.07E-03	4.83E-07	1.68E-07	2.46E-04	3.88E-08	1.35E-08	3.06E-03	4.81E-07	1.68E-07	1.13E-04	1.78E-08	6.21E-09
1963	495561.06, 3859351.99	2.99E-03	4.72E-07	1.64E-07	2.12E-04	3.34E-08	1.16E-08	3.03E-03	4.77E-07	1.66E-07	2.45E-04	3.85E-08	1.34E-08	3.02E-03	4.75E-07	1.66E-07	1.12E-04	1.77E-08	6.16E-09
1964	495611.06, 3859351.99	2.97E-03	4.67E-07	1.63E-07	2.11E-04	3.32E-08	1.16E-08	3.00E-03	4.73E-07	1.65E-07	2.43E-04	3.83E-08	1.34E-08	2.99E-03	4.71E-07	1.64E-07	1.12E-04	1.76E-08	6.13E-09
1965	495661.06, 3859351.99	2.92E-03	4.60E-07	1.60E-07	2.08E-04	3.28E-08	1.14E-08	2.95E-03	4.65E-07	1.62E-07	2.41E-04	3.79E-08	1.32E-08	2.94E-03	4.63E-07	1.61E-07	1.11E-04	1.74E-08	6.07E-09
1966	494311.06, 3859401.99	4.25E-03	6.69E-07	2.33E-07	2.51E-04	3.96E-08	1.38E-08	4.29E-03	6.76E-07	2.35E-07	2.90E-04	4.57E-08	1.59E-08	4.32E-03	6.80E-07	2.37E-07	1.33E-04	2.10E-08	7.31E-09
1967	494361.06, 3859401.99	4.16E-03	6.55E-07	2.28E-07	2.49E-04	3.93E-08	1.37E-08	4.20E-03	6.62E-07	2.31E-07	2.88E-04	4.54E-08	1.58E-08	4.22E-03	6.65E-07	2.32E-07	1.32E-04	2.08E-08	7.25E-09
1968	494411.06, 3859401.99	4.07E-03	6.41E-07	2.23E-07	2.47E-04	3.89E-08	1.36E-08	4.11E-03	6.48E-07	2.26E-07	2.85E-04	4.50E-08	1.57E-08	4.13E-03	6.51E-07	2.27E-07	1.31E-04	2.06E-08	7.19E-09
1969	494461.06, 3859401.99	4.00E-03	6.30E-07	2.20E-07	2.45E-04	3.87E-08	1.35E-08	4.04E-03	6.37E-07	2.22E-07	2.83E-04	4.46E-08	1.56E-08	4.06E-03	6.40E-07	2.23E-07	1.30E-04	2.05E-08	7.14E-09
1970	494511.06, 3859401.99	3.96E-03	6.23E-07	2.17E-07	2.44E-04	3.85E-08	1.34E-08	4.00E-03	6.30E-07	2.19E-07	2.82E-04	4.44E-08	1.55E-08	4.01E-03	6.32E-07	2.20E-07	1.29E-04	2.04E-08	7.10E-09
1971	494561.06, 3859401.99	3.90E-03	6.14E-07	2.14E-07	2.43E-04	3.82E-08	1.33E-08	3.94E-03	6.21E-07	2.16E-07	2.80E-04	4.41E-08	1.54E-08	3.95E-03	6.23E-07	2.17E-07	1.29E-04	2.03E-08	7.06E-09
1972	494611.06, 3859401.99	3.83E-03	6.04E-07	2.10E-07	2.41E-04	3.79E-08	1.32E-08	3.87E-03	6.10E-07	2.13E-07	2.78E-04	4.38E-08	1.53E-08	3.89E-03	6.12E-07	2.13E-07	1.28E-04	2.01E-08	7.00E-09
1973	494661.06, 3859401.99	3.79E-03	5.96E-07	2.08E-07	2.39E-04	3.77E-08	1.31E-08	3.83E-03	6.03E-07	2.10E-07	2.76E-04	4.35E-08	1.52E-08	3.84E-03	6.04E-07	2.11E-07	1.27E-04	2.00E-08	6.96E-09
1974	494711.06, 3859401.99	3.73E-03	5.87E-07	2.05E-07	2.37E-04	3.74E-08	1.30E-08	3.77E-03	5.94E-07	2.07E-07	2.74E-04	4.32E-08	1.50E-08	3.78E-03	5.95E-07	2.07E-07	1.26E-04	1.98E-08	6.91E-09
1975	494761.06, 3859401.99	3.63E-03	5.72E-07	1.99E-07	2.34E-04	3.69E-08	1.29E-08	3.67E-03	5.78E-07	2.01E-07	2.71E-04	4.27E-08	1.49E-08	3.67E-03	5.79E-07	2.02E-07	1.24E-04	1.96E-08	6.82E-09
1976	494811.06, 3859401.99	3.55E-03	5.60E-07	1.95E-07	2.31E-04	3.65E-08	1.27E-08	3.59E-03	5.66E-07	1.97E-07	2.67E-04	4.21E-08	1.47E-08	3.60E-03	5.67E-07	1.97E-07	1.23E-04	1.93E-08	6.74E-09
1977	494861.06, 3859401.99	3.46E-03	5.45E-07	1.90E-07	2.28E-04	3.59E-08	1.25E-08	3.50E-03	5.52E-07	1.92E-07	2.63E-04	4.15E-08	1.44E-08	3.50E-03	5.52E-07	1.92E-07	1.21E-04	1.90E-08	6.63E-09
1978	494911.06, 3859401.99	3.40E-03	5.35E-07	1.87E-07	2.26E-04	3.56E-08	1.24E-08	3.44E-03	5.41E-07	1.89E-07	2.61E-04	4.11E-08	1.43E-08	3.44E-03	5.41E-07	1.89E-07	1.20E-04	1.89E-08	6.57E-09
1979	494961.06, 3859401.99	3.37E-03	5.31E-07	1.85E-07	2.24E-04	3.53E-08	1.23E-08	3.41E-03	5.37E-07	1.87E-07	2.59E-04	4.08E-08	1.42E-08	3.41E-03	5.36E-07	1.87E-07	1.19E-04	1.87E-08	6.53E-09
1980	495011.06, 3859401.99	3.34E-03	5.27E-07	1.83E-07	2.23E-04	3.52E-08	1.23E-08	3.38E-03	5.33E-07	1.86E-07	2.58E-04	4.06E-08	1.42E-08	3.38E-03	5.32E-07	1.85E-07	1.18E-04	1.87E-08	6.50E-09
1981	495061.06, 3859401.99	3.32E-03	5.23E-07	1.82E-07	2.23E-04	3.51E-08	1.22E-08	3.36E-03	5.29E-07	1.84E-07	2.58E-04	4.06E-08	1.41E-08	3.36E-03	5.29E-07	1.84E-07	1.18E-04	1.86E-08	6.49E-09
1982	495111.06, 3859401.99	3.27E-03	5.15E-07	1.80E-07	2.21E-04	3.48E-08	1.21E-08	3.31E-03	5.21E-07	1.82E-07	2.55E-04	4.02E-08	1.40E-08	3.31E-03	5.21E-07	1.81E-07	1.17E-04	1.85E-08	6.43E-09
1983	495161.06, 3859401.99	3.26E-03	5.13E-07	1.79E-07	2.20E-04	3.47E-08	1.21E-08	3.29E-03	5.19E-07	1.81E-07	2.54E-04	4.00E-08	1.40E-08	3.29E-03	5.18E-07	1.81E-07	1.17E-04	1.84E-08	6.41E-09
1984	495211.06, 3859401.99	3.24E-03	5.11E-07	1.78E-07	2.20E-04	3.46E-08	1.21E-08	3.28E-03	5.17E-07	1.80E-07	2.54E-04	4.00E-08	1.39E-08	3.28E-03	5.16E-07	1.80E-07	1.17E-04	1.84E-08	6.40E-09
1985	495261.06, 3859401.99	3.22E-03	5.07E-07	1.77E-07	2.19E-04	3.45E-08	1.20E-08	3.26E-03	5.13E-07	1.79E-07	2.53E-04	3.98E-08	1.39E-08	3.25E-03	5.12E-07	1.78E-07	1.16E-04	1.83E-08	6.37E-09
1986	495311.06, 3859401.99	3.19E-03	5.02E-07	1.75E-07	2.18E-04	3.43E-08	1.19E-08	3.23E-03	5.08E-07	1.77E-07	2.51E-04	3.96E-08	1.38E-08	3.22E-03	5.07E-07	1.77E-07	1.15E-04	1.82E-08	6.34E-09
1987	495361.06, 3859401.99	3.18E-03	5.01E-07	1.75E-07	2.18E-04	3.43E-08	1.19E-08	3.22E-03	5.07E-07	1.77E-07	2.51E-04	3.96E-08	1.38E-08	3.21E-03	5.06E-07	1.76E-07	1.15E-04	1.82E-08	6.33E-09
1988	495411.06, 3859401.99	3.16E-03	4.98E-07	1.74E-07	2.17E-04	3.42E-08	1.19E-08	3.20E-03	5.04E-07	1.76E-07	2.51E-04	3.95E-08	1.37E-08	3.19E-03	5.03E-07	1.75E-07	1.15E-04	1.81E-08	6.31E-09
1989	495461.06, 3859401.99	3.13E-03	4.93E-07	1.72E-07	2.16E-04	3.40E-08	1.18E-08	3.16E-03	4.99E-07	1.74E-07	2.49E-04	3.92E-08	1.37E-08	3.16E-03	4.97E-07	1.73E-07	1.14E-04	1.80E-08	6.27E-09
1990	495511.06, 3859401.99	3.08E-03	4.85E-07	1.69E-07	2.14E-04	3.36E-08	1.17E-08	3.12E-03	4.91E-07	1.71E-07	2.47E-04	3.89E-08	1.35E-08	3.11E-03	4.90E-07	1.71E-07	1.13E-04	1.78E-08	6.22E-09
1991	495561.06, 3859401.99	3.03E-03	4.77E-07	1.66E-07	2.11E-04	3.33E-08	1.16E-08	3.06E-03	4.82E-07	1.68E-07	2.44E-04	3.84E-08	1.34E-08	3.05E-03	4.81E-07	1.68E-07	1.12E-04	1.76E-08	6.15E-09
1992	495611.06, 3859401.99	3.00E-03	4.72E-07	1.64E-07	2.10E-04	3.31E-08	1.15E-08	3.03E-03	4.77E-07	1.66E-07	2.42E-04	3.82E-08	1.33E-08	3.02E-03	4.76E-07	1.66E-07	1.11E-04	1.75E-08	6.11E-09
1993	495661.06, 3859401.99	2.97E-03	4.68E-07	1.63E-07	2.09E-04	3.29E-08	1.15E-08	3.00E-03	4.73E-07	1.65E-07	2.41E-04	3.80E-08	1.32E-08	2.99E-03	4.72E-07	1.64E-07	1.11E-04	1.74E-08	6.08E-09
1994	494311.06, 3859451.99	4.28E-03	6.74E-07	2.35E-07	2.48E-04	3.90E-08	1.36E-08	4.32E-03	6.81E-07	2.37E-07	2.86E-04	4.51E-08	1.57E-08	4.35E-03	6.86E-07	2.39E-07	1.31E-04	2.07E-08	7.21E-09
1995	494361.06, 3859451.99	4.20E-03	6.62E-07	2.31E-07	2.46E-04	3.88E-08	1.35E-08	4.24E-03	6.68E-07	2.33E-07	2.84E-04	4.48E-08	1.56E-08	4.27E-03	6.73E-07	2.34E-07	1.30E-04	2.05E-08	7.16E-09
1996	494411.06, 3859451.99	4.09E-03	6.44E-07	2.25E-07	2.44E-04	3.84E-08	1.34E-08	4.13E-03	6.51E-07	2.27E-07	2.82E-04	4.44E-08	1.55E-08	4.16E-03	6.55E-07	2.28E-07	1.29E-04	2.03E-08	7.09E-09
1997	494461.06, 3859451.99	4.05E-03	6.38E-07	2.22E-07	2.43E-04	3.82E-08	1.33E-08	4.09E-03	6.45E-07	2.25E-07	2.80E-04	4.42E-08	1.54E-08	4.11E-03	6.48E-07	2.26E-07	1.29E-04	2.03E-08	7.06E-09
1998	494511.06, 3859451.99	3.99E-03	6.28E-07	2.19E-07	2.41E-04	3.80E-08	1.32E-08	4.03E-03	6.34E-07	2.21E-07	2.79E-04	4.39E-08	1.53E-08	4.05E-03	6.37E-07	2.22E-07	1.28E-04	2.01E-08	7.01E-09
1999	494561.06, 3859451.99	3.93E-03	6.19E-07	2.16E-07	2.40E-04	3.78E-08	1.32E-08	3.97E-03	6.26E-07	2.18E-07	2.77E-04	4.36E-08	1.52E-08	3.99E-03	6.29E-07	2.19E-07	1.27E-04	2.00E-08	6.98E-09
2000	494611.06, 3859451.99	3.90E-03	6.14E-07	2.14E-07	2.39E-04	3.76E-08	1.31E-08	3.94E-03	6.20E-07	2.16E-07	2.76E-04	4.35E-08	1.51E-08	3.96E-03	6.23E-07	2.17E-07	1.27E-04	1.99E-08	6.95E-09
2001	494661.06, 3859451.99	3.83E-03	6.03E-07	2.10E-07	2.37E-04	3.74E-08	1.30E-08	3.87E-03	6.10E-07	2.12E-07	2.74E-04	4.31E-08	1.50E-08	3.88E-03	6.12E-07	2.13E-07	1.26E-04	1.98E-08	6.90E-09
2002	494711.06, 3859451.99	3.76E-03	5.93E-07	2.07E-07	2.35E-04	3.71E-08	1.29E-08	3.80E-03	5.99E-07	2.09E-07	2.72E-04	4.28E-08	1.49E-08	3.82E-03	6.01E-07	2.09E-07	1.25E-04	1.96E-08	6.84E-09
2003	494761.06, 3859451.99	3.71E-03	5.84E-07	2.03E-07	2.34E-04	3.68E-08	1.28E-08	3.75E-03	5.90E-07	2.06E-07	2.70E-04	4.25E-08	1.48E-08	3.76E-03	5.92E-07	2.06E-07	1.24E-04	1.95E-08	6.79E-09
2004	494811.06, 3859451.99	3.62E-03	5.71E-07	1.99E-07	2.31E-04	3.64E-08	1.27E-08	3.66E-03	5.77E-07	2.01E-07	2.67E-04	4.20E-08	1.46E-08	3.67E-03	5.78E-07	2.01E-07	1.22E-04	1.93E-08	6.72E-09
2005	494861.06, 3859451.99	3.56E-03	5.60E-07	1.95E-07	2.29E-04	3.60E-08	1.26E-08	3.59E-03	5.66E-07	1.97E-07	2.64E-04	4.16E-08	1.45E-08	3.60E-03	5.67E-07	1.98E-07	1.21E-04	1.91E-08	6.65E-09
2006	494911.06, 3859451.99	3.50E-03	5.52E-07	1.92E-07	2.27E-04	3.57E-08	1.25E-08	3.54E-03	5.58E-07	1.94E-07	2.62E-04	4.13E-08	1.44E-08	3.55E-03	5.59E-07	1.95E-07	1.20E-04	1.90E-08	6.60E-09

2007	494961.06, 3859451.99	3.47E-03	5.47E-07	1.90E-07	2.26E-04	3.56E-08	1.24E-08	3.51E-03	5.53E-07	1.93E-07	2.61E-04	4.11E-08	1.43E-08	3.51E-03	5.53E-07	1.93E-07	1.20E-04	1.89E-08	6.57E-09
2008	495011.06, 3859451.99	3.43E-03	5.40E-07	1.88E-07	2.24E-04	3.53E-08	1.23E-08	3.47E-03	5.46E-07	1.90E-07	2.59E-04	4.08E-08	1.42E-08	3.47E-03	5.47E-07	1.90E-07	1.19E-04	1.87E-08	6.53E-09
2009	495061.06, 3859451.99	3.39E-03	5.34E-07	1.86E-07	2.23E-04	3.51E-08	1.22E-08	3.43E-03	5.40E-07	1.88E-07	2.58E-04	4.06E-08	1.41E-08	3.43E-03	5.40E-07	1.88E-07	1.18E-04	1.86E-08	6.49E-09
2010	495111.06, 3859451.99	3.35E-03	5.28E-07	1.84E-07	2.22E-04	3.49E-08	1.22E-08	3.39E-03	5.34E-07	1.86E-07	2.56E-04	4.03E-08	1.40E-08	3.39E-03	5.34E-07	1.86E-07	1.17E-04	1.85E-08	6.45E-09
2011	495161.06, 3859451.99	3.33E-03	5.24E-07	1.83E-07	2.21E-04	3.48E-08	1.21E-08	3.37E-03	5.30E-07	1.85E-07	2.55E-04	4.02E-08	1.40E-08	3.37E-03	5.30E-07	1.85E-07	1.17E-04	1.84E-08	6.43E-09
2012	495211.06, 3859451.99	3.31E-03	5.22E-07	1.82E-07	2.20E-04	3.47E-08	1.21E-08	3.35E-03	5.28E-07	1.84E-07	2.54E-04	4.01E-08	1.40E-08	3.35E-03	5.28E-07	1.84E-07	1.17E-04	1.84E-08	6.41E-09
2013	495261.06, 3859451.99	3.30E-03	5.19E-07	1.81E-07	2.20E-04	3.46E-08	1.21E-08	3.33E-03	5.25E-07	1.83E-07	2.54E-04	4.00E-08	1.39E-08	3.33E-03	5.25E-07	1.83E-07	1.17E-04	1.84E-08	6.39E-09
2014	495311.06, 3859451.99	3.27E-03	5.14E-07	1.79E-07	2.19E-04	3.44E-08	1.20E-08	3.30E-03	5.20E-07	1.81E-07	2.52E-04	3.98E-08	1.39E-08	3.30E-03	5.20E-07	1.81E-07	1.16E-04	1.83E-08	6.36E-09
2015	495361.06, 3859451.99	3.24E-03	5.10E-07	1.78E-07	2.18E-04	3.43E-08	1.19E-08	3.28E-03	5.16E-07	1.80E-07	2.51E-04	3.96E-08	1.38E-08	3.27E-03	5.16E-07	1.80E-07	1.15E-04	1.82E-08	6.33E-09
2016	495411.06, 3859451.99	3.21E-03	5.05E-07	1.76E-07	2.17E-04	3.41E-08	1.19E-08	3.24E-03	5.11E-07	1.78E-07	2.50E-04	3.94E-08	1.37E-08	3.24E-03	5.11E-07	1.78E-07	1.15E-04	1.81E-08	6.30E-09
2017	495461.06, 3859451.99	3.18E-03	5.01E-07	1.75E-07	2.16E-04	3.40E-08	1.18E-08	3.22E-03	5.07E-07	1.77E-07	2.49E-04	3.92E-08	1.37E-08	3.21E-03	5.06E-07	1.76E-07	1.14E-04	1.80E-08	6.27E-09
2018	495511.06, 3859451.99	3.13E-03	4.93E-07	1.72E-07	2.13E-04	3.36E-08	1.17E-08	3.16E-03	4.98E-07	1.74E-07	2.46E-04	3.88E-08	1.35E-08	3.16E-03	4.97E-07	1.73E-07	1.13E-04	1.78E-08	6.21E-09
2019	495561.06, 3859451.99	3.09E-03	4.87E-07	1.70E-07	2.12E-04	3.34E-08	1.16E-08	3.13E-03	4.93E-07	1.72E-07	2.45E-04	3.86E-08	1.34E-08	3.12E-03	4.92E-07	1.71E-07	1.12E-04	1.77E-08	6.17E-09
2020	495611.06, 3859451.99	3.06E-03	4.81E-07	1.68E-07	2.11E-04	3.32E-08	1.16E-08	3.09E-03	4.87E-07	1.70E-07	2.43E-04	3.83E-08	1.33E-08	3.08E-03	4.86E-07	1.69E-07	1.12E-04	1.76E-08	6.13E-09
2021	495661.06, 3859451.99	3.02E-03	4.76E-07	1.66E-07	2.09E-04	3.30E-08	1.15E-08	3.06E-03	4.82E-07	1.68E-07	2.42E-04	3.81E-08	1.33E-08	3.05E-03	4.81E-07	1.68E-07	1.11E-04	1.75E-08	6.09E-09
2022	494311.06, 3859501.99	4.33E-03	6.82E-07	2.38E-07	2.45E-04	3.85E-08	1.34E-08	4.37E-03	6.88E-07	2.40E-07	2.83E-04	4.45E-08	1.55E-08	4.41E-03	6.94E-07	2.42E-07	1.30E-04	2.04E-08	7.11E-09
2023	494361.06, 3859501.99	4.25E-03	6.69E-07	2.33E-07	2.43E-04	3.83E-08	1.33E-08	4.29E-03	6.75E-07	2.35E-07	2.81E-04	4.42E-08	1.54E-08	4.32E-03	6.81E-07	2.37E-07	1.29E-04	2.03E-08	7.06E-09
2024	494411.06, 3859501.99	4.11E-03	6.48E-07	2.26E-07	2.40E-04	3.79E-08	1.32E-08	4.15E-03	6.54E-07	2.28E-07	2.78E-04	4.38E-08	1.52E-08	4.18E-03	6.59E-07	2.30E-07	1.27E-04	2.01E-08	6.99E-09
2025	494461.06, 3859501.99	4.10E-03	6.47E-07	2.25E-07	2.40E-04	3.78E-08	1.32E-08	4.15E-03	6.53E-07	2.28E-07	2.77E-04	4.37E-08	1.52E-08	4.17E-03	6.57E-07	2.29E-07	1.27E-04	2.00E-08	6.98E-09
2026	494511.06, 3859501.99	4.03E-03	6.35E-07	2.21E-07	2.39E-04	3.76E-08	1.31E-08	4.07E-03	6.41E-07	2.23E-07	2.76E-04	4.34E-08	1.51E-08	4.10E-03	6.45E-07	2.25E-07	1.26E-04	1.99E-08	6.94E-09
2027	494561.06, 3859501.99	3.97E-03	6.25E-07	2.18E-07	2.37E-04	3.74E-08	1.30E-08	4.01E-03	6.31E-07	2.20E-07	2.74E-04	4.31E-08	1.50E-08	4.03E-03	6.35E-07	2.21E-07	1.26E-04	1.98E-08	6.89E-09
2028	494611.06, 3859501.99	3.96E-03	6.25E-07	2.18E-07	2.37E-04	3.73E-08	1.30E-08	4.00E-03	6.31E-07	2.20E-07	2.74E-04	4.31E-08	1.50E-08	4.03E-03	6.34E-07	2.21E-07	1.26E-04	1.98E-08	6.89E-09
2029	494661.06, 3859501.99	3.89E-03	6.12E-07	2.13E-07	2.35E-04	3.70E-08	1.29E-08	3.93E-03	6.18E-07	2.15E-07	2.71E-04	4.28E-08	1.49E-08	3.94E-03	6.21E-07	2.16E-07	1.25E-04	1.96E-08	6.83E-09
2030	494711.06, 3859501.99	3.79E-03	5.98E-07	2.08E-07	2.33E-04	3.67E-08	1.28E-08	3.83E-03	6.04E-07	2.10E-07	2.69E-04	4.24E-08	1.48E-08	3.85E-03	6.06E-07	2.11E-07	1.23E-04	1.94E-08	6.77E-09
2031	494761.06, 3859501.99	3.77E-03	5.94E-07	2.07E-07	2.32E-04	3.66E-08	1.27E-08	3.81E-03	6.00E-07	2.09E-07	2.68E-04	4.22E-08	1.47E-08	3.83E-03	6.03E-07	2.10E-07	1.23E-04	1.94E-08	6.75E-09
2032	494811.06, 3859501.99	3.66E-03	5.77E-07	2.01E-07	2.29E-04	3.61E-08	1.26E-08	3.70E-03	5.83E-07	2.03E-07	2.65E-04	4.17E-08	1.45E-08	3.71E-03	5.85E-07	2.04E-07	1.21E-04	1.91E-08	6.66E-09
2033	494861.06, 3859501.99	3.61E-03	5.69E-07	1.98E-07	2.28E-04	3.59E-08	1.25E-08	3.65E-03	5.75E-07	2.00E-07	2.63E-04	4.14E-08	1.44E-08	3.66E-03	5.77E-07	2.01E-07	1.21E-04	1.90E-08	6.62E-09
2034	494911.06, 3859501.99	3.58E-03	5.64E-07	1.97E-07	2.27E-04	3.57E-08	1.24E-08	3.62E-03	5.70E-07	1.99E-07	2.62E-04	4.13E-08	1.44E-08	3.63E-03	5.72E-07	1.99E-07	1.20E-04	1.89E-08	6.60E-09
2035	494961.06, 3859501.99	3.52E-03	5.55E-07	1.93E-07	2.25E-04	3.54E-08	1.23E-08	3.56E-03	5.61E-07	1.95E-07	2.60E-04	4.09E-08	1.43E-08	3.57E-03	5.62E-07	1.96E-07	1.19E-04	1.88E-08	6.54E-09
2036	495011.06, 3859501.99	3.49E-03	5.51E-07	1.92E-07	2.24E-04	3.53E-08	1.23E-08	3.53E-03	5.56E-07	1.94E-07	2.59E-04	4.08E-08	1.42E-08	3.54E-03	5.58E-07	1.94E-07	1.19E-04	1.87E-08	6.52E-09
2037	495061.06, 3859501.99	3.47E-03	5.46E-07	1.90E-07	2.23E-04	3.52E-08	1.22E-08	3.50E-03	5.52E-07	1.92E-07	2.58E-04	4.06E-08	1.41E-08	3.51E-03	5.53E-07	1.93E-07	1.18E-04	1.86E-08	6.49E-09
2038	495111.06, 3859501.99	3.41E-03	5.38E-07	1.87E-07	2.21E-04	3.49E-08	1.21E-08	3.45E-03	5.43E-07	1.89E-07	2.56E-04	4.03E-08	1.40E-08	3.45E-03	5.44E-07	1.90E-07	1.17E-04	1.85E-08	6.44E-09
2039	495161.06, 3859501.99	3.39E-03	5.34E-07	1.86E-07	2.21E-04	3.47E-08	1.21E-08	3.42E-03	5.40E-07	1.88E-07	2.55E-04	4.01E-08	1.40E-08	3.43E-03	5.40E-07	1.88E-07	1.17E-04	1.84E-08	6.41E-09
2040	495211.06, 3859501.99	3.37E-03	5.31E-07	1.85E-07	2.20E-04	3.47E-08	1.21E-08	3.41E-03	5.37E-07	1.87E-07	2.54E-04	4.00E-08	1.39E-08	3.41E-03	5.38E-07	1.87E-07	1.17E-04	1.84E-08	6.40E-09
2041	495261.06, 3859501.99	3.35E-03	5.27E-07	1.84E-07	2.19E-04	3.45E-08	1.20E-08	3.38E-03	5.33E-07	1.86E-07	2.53E-04	3.99E-08	1.39E-08	3.39E-03	5.34E-07	1.86E-07	1.16E-04	1.83E-08	6.38E-09
2042	495311.06, 3859501.99	3.33E-03	5.24E-07	1.83E-07	2.19E-04	3.44E-08	1.20E-08	3.36E-03	5.30E-07	1.85E-07	2.52E-04	3.98E-08	1.39E-08	3.37E-03	5.30E-07	1.85E-07	1.16E-04	1.82E-08	6.36E-09
2043	495361.06, 3859501.99	3.30E-03	5.20E-07	1.81E-07	2.18E-04	3.43E-08	1.19E-08	3.33E-03	5.25E-07	1.83E-07	2.51E-04	3.96E-08	1.38E-08	3.34E-03	5.25E-07	1.83E-07	1.15E-04	1.82E-08	6.33E-09
2044	495411.06, 3859501.99	3.27E-03	5.16E-07	1.80E-07	2.17E-04	3.41E-08	1.19E-08	3.31E-03	5.21E-07	1.82E-07	2.50E-04	3.94E-08	1.37E-08	3.31E-03	5.21E-07	1.82E-07	1.15E-04	1.81E-08	6.30E-09
2045	495461.06, 3859501.99	3.24E-03	5.10E-07	1.78E-07	2.15E-04	3.39E-08	1.18E-08	3.27E-03	5.16E-07	1.80E-07	2.49E-04	3.92E-08	1.37E-08	3.27E-03	5.16E-07	1.80E-07	1.14E-04	1.80E-08	6.26E-09
2046	495511.06, 3859501.99	3.17E-03	4.99E-07	1.74E-07	2.13E-04	3.36E-08	1.17E-08	3.20E-03	5.05E-07	1.76E-07	2.46E-04	3.88E-08	1.35E-08	3.20E-03	5.04E-07	1.76E-07	1.13E-04	1.78E-08	6.20E-09
2047	495561.06, 3859501.99	3.15E-03	4.97E-07	1.73E-07	2.12E-04	3.34E-08	1.16E-08	3.19E-03	5.02E-07	1.75E-07	2.45E-04	3.86E-08	1.35E-08	3.19E-03	5.02E-07	1.75E-07	1.12E-04	1.77E-08	6.17E-09
2048	495611.06, 3859501.99	3.11E-03	4.91E-07	1.71E-07	2.11E-04	3.32E-08	1.16E-08	3.15E-03	4.96E-07	1.73E-07	2.43E-04	3.84E-08	1.34E-08	3.15E-03	4.96E-07	1.73E-07	1.12E-04	1.76E-08	6.13E-09
2049	495661.06, 3859501.99	3.07E-03	4.84E-07	1.69E-07	2.09E-04	3.30E-08	1.15E-08	3.11E-03	4.90E-07	1.71E-07	2.42E-04	3.81E-08	1.33E-08	3.10E-03	4.89E-07	1.70E-07	1.11E-04	1.75E-08	6.09E-09
2050	494311.06, 3859551.99	4.36E-03	6.88E-07	2.40E-07	2.41E-04	3.80E-08	1.32E-08	4.41E-03	6.94E-07	2.42E-07	2.79E-04	4.39E-08	1.53E-08	4.45E-03	7.01E-07	2.44E-07	1.28E-04	2.01E-08	7.01E-09
2051	494361.06, 3859551.99	4.27E-03	6.72E-07	2.34E-07	2.40E-04	3.78E-08	1.32E-08	4.31E-03	6.79E-07	2.37E-07	2.77E-04	4.36E-08	1.52E-08	4.35E-03	6.85E-07	2.39E-07	1.27E-04	2.00E-08	6.97E-09
2052	494411.06, 3859551.99	4.13E-03	6.51E-07	2.27E-07	2.37E-04	3.74E-08	1.30E-08	4.17E-03	6.57E-07	2.29E-07	2.74E-04	4.32E-08	1.50E-08	4.20E-03	6.62E-07	2.31E-07	1.26E-04	1.98E-08	6.89E-09
2053	494461.06, 3859551.99	4.14E-03	6.53E-07	2.27E-07	2.37E-04	3.74E-08	1.30E-08	4.18E-03	6.59E-07	2.30E-07	2.74E-04	4.31E-08	1.50E-08	4.22E-03	6.64E-07	2.31E-07	1.26E-04	1.98E-08	6.89E-09
2054	494511.06, 3859551.99	4.07E-03	6.41E-07	2.23E-07	2.36E-04	3.71E-08	1.29E-08	4.11E-03	6.48E-07	2.26E-07	2.72E-04	4.29E-08	1.49E-08	4.14E-03	6.52E-07	2.27E-07	1.25E-04	1.97E-08	6.85E-09
2055	494561.06, 3859551.99	4.02E-03	6.33E-07	2.20E-07	2.35E-04	3.69E-08	1.29E-08	4.06E-03	6.39E-07	2.23E-07	2.71E-04	4.27E-08	1.49E-08	4.08E-03	6.43E-07	2.24E-07	1.24E-04	1.96E-08	6.82E-09
2056	494611.06, 3859551.99	3.98E-03	6.28E-07	2.19E-07	2.34E-04	3.68E-08	1.28E-08	4.02E-03	6.34E-07	2.21E-07	2.70E-04	4.25E-08	1.48E-08	4.05E-03	6.38E-07	2.22E-07	1.24E-04	1.95E-08	6.79E-09
2057	494661.06, 3859551.99	3.94E-03	6.20E-07	2.16E-07	2.33E-04	3.67E-08	1.28E-08	3.98E-03	6.26E-07	2.18E-07	2.69E-04	4.23E-08	1.47E-08	4.00E-03	6.30E-07	2.20E-07	1.23E-04	1.94E-08	6.76E-09
2058	494711.06, 3859551.99	3.80E-03	5.99E-07	2.09E-07	2.30E-04	3.62E-08	1.26E-08	3.84E-03	6.05E-07	2.11E-07	2.65E-04	4.18E-08	1.46E-08	3.86E-03	6.08E-07	2.12E-07	1.22E-04	1.92E-08	6.68E-09
2059	494761.06, 3859551.99	3.82E-03	6.02E-07	2.10E-07	2.30E-04	3.62E-08	1.26E-08	3.86E-03	6.08E-07	2.12E-07	2.66E-04	4.18E-08	1.46E-08	3.88E-03	6.11E-07	2.13E-07	1.22E-04	1.92E-08	6.69E-09
2060	494811.06, 3859551.99	3.72E-03	5.87E-07	2.04E-07	2.28E-04	3.59E-08	1.25E-08	3.76E-03	5.93E-07	2.06E-07	2.63E-04	4.14E-08	1.44E-08	3.78E-03	5.95E-07	2.07E-07	1.21E-04	1.90E-08	6.62E-09
2061	494861.06, 3859551.99	3.68E-03	5.79E-07	2.02E-07	2.26E-04	3.57E-08	1.24E-08	3.72E-03	5.85E-07	2.04E-07	2.62E-04	4.12E-08	1.44E-08	3.73E-03	5.88E-07	2.05E-07	1.20E-04	1.89E-08	6.59E-09
2062	494911.06, 3859551.99	3.62E-03	5.71E-07	1.99E-07	2.25E-04	3.54E-08	1.23E-08	3.66E-03	5.77E-07	2.01E-07	2.60E-04	4.09E-08	1.43E-08	3.67E-03	5.79E-07	2.02E-07	1.19E-04	1.88E-08	6.54E-09
2063	494961.06, 3859551.99	3.59E-03	5.66E-07	1.97E-07	2.24E-04	3.53E-08	1.23E-08	3.63E-03	5.72E-07	1.99E-07	2.59E-04	4.08E-08	1.42E-08	3.64E-03	5.74E-07	2.00E-07	1.19E-04	1.87E-08	6.52E-09
2064	495011.06, 3859551.99	3.57E-03	5.63E-07	1.96E-07	2.24E-04	3.52E-08	1.23E-08	3.61E-03	5.68E-07	1.98E-07	2.58E-04	4.07E-08	1.42E-08	3.62E-03	5.70E-07	1.99E-07	1.18E-04	1.87E-08	6.50E-09
2065	495061.06, 3859551.99	3.53E-03	5.56E-07	1.94E-07	2.22E-04	3.50E-08	1.22E-08	3.57E-03	5.62E-07	1.96E-07	2.57E-04	4.05E-08	1.41E-08	3.58E-03	5.64E-07	1.96E-07	1.18E-04	1.86E-08	6.47E-09
2066	495111.06, 3859551.99	3.48E-03	5.48E-07	1.91E-07	2.21E-04	3.48E-08	1.21E-08	3.52E-03	5.54E-07	1.93E-07	2.55E-04	4.02E-08	1.40E-08	3.53E-03	5.55E-07	1.94E-07	1.17E-04	1.84E-08	6.42E-09
2067	495161.06, 3859551.99	3.46E-03	5.45E-07	1.90E-07	2.20E-04	3.47E-08	1.21E-08	3.50E-03	5.51E-07	1.92E-07	2.54E-04	4.01E-08	1.40E-08	3.50E-03	5.52E-07	1.92E-07	1.17E-04	1.84E-08	6.40E-09
2068	495211.06, 3859551.99	3.44E-03	5.43E-07	1.89E-07	2.20E-04	3.46E-08	1.21E-08	3.48E-03	5.48E-07	1.91E-07	2.54E-04	4.00E-08	1.39E-08	3.49E-03	5.50E-07	1.91E-07	1.16E-04	1.83E-08	6.39E-09
2069	495261.06, 3859551.99	3.40E-03	5.36E-07	1.87E-07	2.18E-04	3.44E-08	1.20E-08	3.44E-03	5.42E-07	1.89E-07	2.52E-04	3.98E-08	1.38E-08	3.45E-03	5.43E-07	1.89E-07	1.16E-04	1.82E-08	6.35E-09
2070	495311.06, 3859551.99	3.37E-03	5.31E-07	1.85E-07	2.17E-04	3.43E-08	1.19E-08	3.41E-03	5.37E-07	1.87E-07	2.51E-04	3.96E-08	1.38E-08	3.41E-03	5.38E-07	1.87E-07	1.15E-04	1.81E-08	6.32E-09
2071	495361.06, 3859551.99	3.35E-03	5.27E-07	1.84E-07	2.17E-04	3.41E-08	1.19E-08	3.38E-03	5.33E-07	1.86E-07	2.50E-04	3.94E-08	1.37E-08	3.39E-03	5.34E-07	1.86E-07	1.15E-04	1.81E-08	6.30E-09
2072	495411.06, 3859551.99	3.33E-03	5.24E-07	1.83E-07	2.16E-04	3.40E-08	1.19E-08	3.36E-03	5.30E-07	1.85E-07	2.49E-04	3.93E-08	1.37E-08	3.37E-03	5.30E-07	1.85E-07	1.14E-04	1.80E-08	6.28E-09
2073	495461.06, 3859551.99	3.28E-03	5.16E-07	1.80E-07	2.14E-04	3.38E-08	1.18E-08	3.31E-03	5.22E-07	1.82E-07	2.48E-04	3.90E-08	1.36E-08	3.32E-03	5.22E-07	1.82E-07	1.14E-04	1.79E-08	6.23E-09

2074	495511.06, 3859551.99	3.23E-03	5.08E-07	1.77E-07	2.13E-04	3.35E-08	1.17E-08	3.26E-03	5.14E-07	1.79E-07	2.45E-04	3.87E-08	1.35E-08	3.26E-03	5.14E-07	1.79E-07	1.13E-04	1.77E-08	6.18E-09
2075	495561.06, 3859551.99	3.19E-03	5.03E-07	1.75E-07	2.11E-04	3.33E-08	1.16E-08	3.23E-03	5.09E-07	1.77E-07	2.44E-04	3.85E-08	1.34E-08	3.23E-03	5.09E-07	1.77E-07	1.12E-04	1.77E-08	6.15E-09
2076	495611.06, 3859551.99	3.16E-03	4.98E-07	1.74E-07	2.10E-04	3.31E-08	1.15E-08	3.20E-03	5.04E-07	1.76E-07	2.43E-04	3.83E-08	1.33E-08	3.20E-03	5.04E-07	1.75E-07	1.11E-04	1.76E-08	6.12E-09
2077	495661.06, 3859551.99	3.12E-03	4.92E-07	1.71E-07	2.09E-04	3.29E-08	1.15E-08	3.16E-03	4.97E-07	1.73E-07	2.41E-04	3.80E-08	1.32E-08	3.16E-03	4.97E-07	1.73E-07	1.11E-04	1.74E-08	6.07E-09
2078	494311.06, 3859601.99	4.41E-03	6.95E-07	2.42E-07	2.38E-04	3.75E-08	1.31E-08	4.45E-03	7.02E-07	2.44E-07	2.75E-04	4.33E-08	1.51E-08	4.50E-03	7.09E-07	2.47E-07	1.26E-04	1.98E-08	6.91E-09
2079	494361.06, 3859601.99	4.26E-03	6.71E-07	2.34E-07	2.36E-04	3.72E-08	1.29E-08	4.30E-03	6.78E-07	2.36E-07	2.72E-04	4.29E-08	1.50E-08	4.34E-03	6.84E-07	2.38E-07	1.25E-04	1.97E-08	6.85E-09
2080	494411.06, 3859601.99	4.18E-03	6.58E-07	2.29E-07	2.34E-04	3.69E-08	1.29E-08	4.22E-03	6.64E-07	2.31E-07	2.71E-04	4.26E-08	1.49E-08	4.26E-03	6.70E-07	2.34E-07	1.24E-04	1.95E-08	6.81E-09
2081	494461.06, 3859601.99	4.18E-03	6.59E-07	2.29E-07	2.34E-04	3.69E-08	1.28E-08	4.22E-03	6.65E-07	2.32E-07	2.70E-04	4.26E-08	1.48E-08	4.26E-03	6.71E-07	2.34E-07	1.24E-04	1.95E-08	6.80E-09
2082	494511.06, 3859601.99	4.08E-03	6.43E-07	2.24E-07	2.32E-04	3.66E-08	1.28E-08	4.12E-03	6.50E-07	2.26E-07	2.68E-04	4.23E-08	1.47E-08	4.16E-03	6.55E-07	2.28E-07	1.23E-04	1.94E-08	6.75E-09
2083	494561.06, 3859601.99	4.07E-03	6.42E-07	2.24E-07	2.32E-04	3.65E-08	1.27E-08	4.11E-03	6.48E-07	2.26E-07	2.68E-04	4.22E-08	1.47E-08	4.15E-03	6.53E-07	2.28E-07	1.23E-04	1.93E-08	6.74E-09
2084	494611.06, 3859601.99	4.04E-03	6.37E-07	2.22E-07	2.31E-04	3.64E-08	1.27E-08	4.08E-03	6.43E-07	2.24E-07	2.67E-04	4.21E-08	1.47E-08	4.12E-03	6.48E-07	2.26E-07	1.22E-04	1.93E-08	6.72E-09
2085	494661.06, 3859601.99	3.94E-03	6.21E-07	2.16E-07	2.29E-04	3.61E-08	1.26E-08	3.98E-03	6.27E-07	2.18E-07	2.65E-04	4.17E-08	1.45E-08	4.01E-03	6.31E-07	2.20E-07	1.21E-04	1.91E-08	6.67E-09
2086	494711.06, 3859601.99	3.85E-03	6.06E-07	2.11E-07	2.27E-04	3.58E-08	1.25E-08	3.89E-03	6.12E-07	2.13E-07	2.63E-04	4.14E-08	1.44E-08	3.91E-03	6.16E-07	2.15E-07	1.20E-04	1.90E-08	6.61E-09
2087	494761.06, 3859601.99	3.89E-03	6.13E-07	2.13E-07	2.28E-04	3.59E-08	1.25E-08	3.93E-03	6.19E-07	2.16E-07	2.63E-04	4.15E-08	1.45E-08	3.95E-03	6.23E-07	2.17E-07	1.21E-04	1.90E-08	6.63E-09
2088	494811.06, 3859601.99	3.79E-03	5.97E-07	2.08E-07	2.26E-04	3.56E-08	1.24E-08	3.83E-03	6.03E-07	2.10E-07	2.61E-04	4.11E-08	1.43E-08	3.85E-03	6.06E-07	2.11E-07	1.20E-04	1.88E-08	6.57E-09
2089	494861.06, 3859601.99	3.75E-03	5.90E-07	2.06E-07	2.25E-04	3.54E-08	1.23E-08	3.79E-03	5.96E-07	2.08E-07	2.60E-04	4.09E-08	1.43E-08	3.81E-03	6.00E-07	2.09E-07	1.19E-04	1.88E-08	6.54E-09
2090	494911.06, 3859601.99	3.67E-03	5.79E-07	2.02E-07	2.23E-04	3.52E-08	1.23E-08	3.71E-03	5.85E-07	2.04E-07	2.58E-04	4.06E-08	1.42E-08	3.73E-03	5.88E-07	2.05E-07	1.18E-04	1.86E-08	6.49E-09
2091	494961.06, 3859601.99	3.68E-03	5.79E-07	2.02E-07	2.23E-04	3.52E-08	1.23E-08	3.72E-03	5.85E-07	2.04E-07	2.58E-04	4.06E-08	1.42E-08	3.73E-03	5.88E-07	2.05E-07	1.18E-04	1.86E-08	6.49E-09
2092	495011.06, 3859601.99	3.60E-03	5.67E-07	1.98E-07	2.21E-04	3.49E-08	1.21E-08	3.64E-03	5.73E-07	2.00E-07	2.56E-04	4.03E-08	1.40E-08	3.65E-03	5.76E-07	2.01E-07	1.17E-04	1.85E-08	6.44E-09
2093	495061.06, 3859601.99	3.59E-03	5.66E-07	1.97E-07	2.21E-04	3.48E-08	1.21E-08	3.63E-03	5.71E-07	1.99E-07	2.55E-04	4.02E-08	1.40E-08	3.64E-03	5.74E-07	2.00E-07	1.17E-04	1.84E-08	6.42E-09
2094	495111.06, 3859601.99	3.54E-03	5.57E-07	1.94E-07	2.20E-04	3.46E-08	1.21E-08	3.57E-03	5.63E-07	1.96E-07	2.54E-04	4.00E-08	1.39E-08	3.59E-03	5.65E-07	1.97E-07	1.16E-04	1.83E-08	6.38E-09
2095	495161.06, 3859601.99	3.52E-03	5.54E-07	1.93E-07	2.19E-04	3.45E-08	1.20E-08	3.55E-03	5.60E-07	1.95E-07	2.53E-04	3.98E-08	1.39E-08	3.57E-03	5.62E-07	1.96E-07	1.16E-04	1.83E-08	6.37E-09
2096	495211.06, 3859601.99	3.48E-03	5.49E-07	1.91E-07	2.18E-04	3.44E-08	1.20E-08	3.52E-03	5.55E-07	1.93E-07	2.52E-04	3.97E-08	1.38E-08	3.53E-03	5.57E-07	1.94E-07	1.16E-04	1.82E-08	6.34E-09
2097	495261.06, 3859601.99	3.46E-03	5.45E-07	1.90E-07	2.17E-04	3.42E-08	1.19E-08	3.50E-03	5.51E-07	1.92E-07	2.51E-04	3.96E-08	1.38E-08	3.51E-03	5.53E-07	1.92E-07	1.15E-04	1.81E-08	6.32E-09
2098	495311.06, 3859601.99	3.44E-03	5.42E-07	1.89E-07	2.17E-04	3.41E-08	1.19E-08	3.47E-03	5.47E-07	1.91E-07	2.50E-04	3.94E-08	1.37E-08	3.48E-03	5.49E-07	1.91E-07	1.15E-04	1.81E-08	6.30E-09
2099	495361.06, 3859601.99	3.40E-03	5.36E-07	1.87E-07	2.16E-04	3.40E-08	1.18E-08	3.44E-03	5.42E-07	1.89E-07	2.49E-04	3.93E-08	1.37E-08	3.45E-03	5.43E-07	1.89E-07	1.14E-04	1.80E-08	6.27E-09
2100	495411.06, 3859601.99	3.38E-03	5.33E-07	1.86E-07	2.15E-04	3.39E-08	1.18E-08	3.42E-03	5.38E-07	1.88E-07	2.48E-04	3.91E-08	1.36E-08	3.43E-03	5.40E-07	1.88E-07	1.14E-04	1.79E-08	6.25E-09
2101	495461.06, 3859601.99	3.32E-03	5.23E-07	1.82E-07	2.13E-04	3.36E-08	1.17E-08	3.36E-03	5.29E-07	1.84E-07	2.46E-04	3.88E-08	1.35E-08	3.36E-03	5.30E-07	1.85E-07	1.13E-04	1.78E-08	6.20E-09
2102	495511.06, 3859601.99	3.27E-03	5.15E-07	1.79E-07	2.12E-04	3.33E-08	1.16E-08	3.30E-03	5.20E-07	1.81E-07	2.44E-04	3.85E-08	1.34E-08	3.31E-03	5.21E-07	1.81E-07	1.12E-04	1.77E-08	6.15E-09
2103	495561.06, 3859601.99	3.25E-03	5.13E-07	1.79E-07	2.11E-04	3.32E-08	1.16E-08	3.29E-03	5.18E-07	1.81E-07	2.44E-04	3.84E-08	1.34E-08	3.29E-03	5.19E-07	1.81E-07	1.12E-04	1.76E-08	6.14E-09
2104	495611.06, 3859601.99	3.19E-03	5.03E-07	1.75E-07	2.09E-04	3.29E-08	1.15E-08	3.23E-03	5.09E-07	1.77E-07	2.41E-04	3.80E-08	1.33E-08	3.23E-03	5.09E-07	1.77E-07	1.11E-04	1.74E-08	6.08E-09
2105	495661.06, 3859601.99	3.17E-03	4.99E-07	1.74E-07	2.08E-04	3.28E-08	1.14E-08	3.21E-03	5.05E-07	1.76E-07	2.41E-04	3.79E-08	1.32E-08	3.21E-03	5.05E-07	1.76E-07	1.10E-04	1.74E-08	6.06E-09
2106	494311.06, 3859651.99	4.42E-03	6.96E-07	2.42E-07	2.34E-04	3.69E-08	1.29E-08	4.45E-03	7.02E-07	2.44E-07	2.71E-04	4.27E-08	1.49E-08	4.51E-03	7.10E-07	2.47E-07	1.24E-04	1.95E-08	6.80E-09
2107	494361.06, 3859651.99	4.28E-03	6.74E-07	2.35E-07	2.32E-04	3.66E-08	1.28E-08	4.32E-03	6.80E-07	2.37E-07	2.68E-04	4.23E-08	1.47E-08	4.36E-03	6.87E-07	2.39E-07	1.23E-04	1.94E-08	6.75E-09
2108	494411.06, 3859651.99	4.22E-03	6.66E-07	2.32E-07	2.31E-04	3.64E-08	1.27E-08	4.26E-03	6.72E-07	2.34E-07	2.67E-04	4.21E-08	1.47E-08	4.31E-03	6.78E-07	2.36E-07	1.22E-04	1.93E-08	6.72E-09
2109	494461.06, 3859651.99	4.22E-03	6.65E-07	2.32E-07	2.31E-04	3.64E-08	1.27E-08	4.26E-03	6.72E-07	2.34E-07	2.67E-04	4.20E-08	1.46E-08	4.31E-03	6.78E-07	2.36E-07	1.22E-04	1.93E-08	6.71E-09
2110	494511.06, 3859651.99	4.16E-03	6.56E-07	2.29E-07	2.30E-04	3.62E-08	1.26E-08	4.20E-03	6.62E-07	2.31E-07	2.66E-04	4.18E-08	1.46E-08	4.24E-03	6.69E-07	2.33E-07	1.22E-04	1.92E-08	6.68E-09
2111	494561.06, 3859651.99	4.13E-03	6.50E-07	2.26E-07	2.29E-04	3.61E-08	1.26E-08	4.17E-03	6.56E-07	2.29E-07	2.65E-04	4.17E-08	1.45E-08	4.20E-03	6.62E-07	2.31E-07	1.21E-04	1.91E-08	6.65E-09
2112	494611.06, 3859651.99	4.09E-03	6.44E-07	2.24E-07	2.28E-04	3.60E-08	1.25E-08	4.12E-03	6.50E-07	2.26E-07	2.64E-04	4.16E-08	1.45E-08	4.16E-03	6.56E-07	2.28E-07	1.21E-04	1.90E-08	6.63E-09
2113	494661.06, 3859651.99	3.97E-03	6.25E-07	2.18E-07	2.26E-04	3.57E-08	1.24E-08	4.01E-03	6.31E-07	2.20E-07	2.62E-04	4.12E-08	1.44E-08	4.04E-03	6.36E-07	2.22E-07	1.20E-04	1.89E-08	6.58E-09
2114	494711.06, 3859651.99	3.93E-03	6.20E-07	2.16E-07	2.26E-04	3.56E-08	1.24E-08	3.97E-03	6.26E-07	2.18E-07	2.61E-04	4.11E-08	1.43E-08	4.00E-03	6.30E-07	2.20E-07	1.19E-04	1.88E-08	6.56E-09
2115	494761.06, 3859651.99	3.91E-03	6.16E-07	2.15E-07	2.25E-04	3.54E-08	1.23E-08	3.95E-03	6.22E-07	2.17E-07	2.60E-04	4.09E-08	1.43E-08	3.98E-03	6.27E-07	2.18E-07	1.19E-04	1.88E-08	6.54E-09
2116	494811.06, 3859651.99	3.84E-03	6.05E-07	2.11E-07	2.24E-04	3.52E-08	1.23E-08	3.88E-03	6.11E-07	2.13E-07	2.58E-04	4.07E-08	1.42E-08	3.91E-03	6.16E-07	2.14E-07	1.18E-04	1.87E-08	6.50E-09
2117	494861.06, 3859651.99	3.81E-03	6.00E-07	2.09E-07	2.23E-04	3.51E-08	1.22E-08	3.85E-03	6.06E-07	2.11E-07	2.57E-04	4.06E-08	1.41E-08	3.87E-03	6.10E-07	2.13E-07	1.18E-04	1.86E-08	6.48E-09
2118	494911.06, 3859651.99	3.76E-03	5.93E-07	2.06E-07	2.22E-04	3.50E-08	1.22E-08	3.80E-03	5.98E-07	2.08E-07	2.56E-04	4.04E-08	1.41E-08	3.82E-03	6.02E-07	2.10E-07	1.17E-04	1.85E-08	6.45E-09
2119	494961.06, 3859651.99	3.72E-03	5.87E-07	2.04E-07	2.21E-04	3.48E-08	1.21E-08	3.76E-03	5.93E-07	2.06E-07	2.55E-04	4.02E-08	1.40E-08	3.79E-03	5.96E-07	2.08E-07	1.17E-04	1.84E-08	6.42E-09
2120	495011.06, 3859651.99	3.68E-03	5.80E-07	2.02E-07	2.20E-04	3.47E-08	1.21E-08	3.72E-03	5.86E-07	2.04E-07	2.54E-04	4.00E-08	1.40E-08	3.74E-03	5.89E-07	2.05E-07	1.17E-04	1.84E-08	6.39E-09
2121	495061.06, 3859651.99	3.65E-03	5.76E-07	2.01E-07	2.19E-04	3.46E-08	1.20E-08	3.69E-03	5.81E-07	2.03E-07	2.53E-04	3.99E-08	1.39E-08	3.71E-03	5.85E-07	2.04E-07	1.16E-04	1.83E-08	6.37E-09
2122	495111.06, 3859651.99	3.61E-03	5.68E-07	1.98E-07	2.18E-04	3.44E-08	1.20E-08	3.64E-03	5.74E-07	2.00E-07	2.52E-04	3.97E-08	1.38E-08	3.66E-03	5.77E-07	2.01E-07	1.16E-04	1.82E-08	6.34E-09
2123	495161.06, 3859651.99	3.57E-03	5.63E-07	1.96E-07	2.17E-04	3.43E-08	1.19E-08	3.61E-03	5.69E-07	1.98E-07	2.51E-04	3.96E-08	1.38E-08	3.63E-03	5.71E-07	1.99E-07	1.15E-04	1.81E-08	6.32E-09
2124	495211.06, 3859651.99	3.55E-03	5.59E-07	1.95E-07	2.17E-04	3.41E-08	1.19E-08	3.58E-03	5.65E-07	1.97E-07	2.50E-04	3.94E-08	1.37E-08	3.60E-03	5.67E-07	1.98E-07	1.15E-04	1.81E-08	6.30E-09
2125	495261.06, 3859651.99	3.51E-03	5.53E-07	1.93E-07	2.16E-04	3.40E-08	1.18E-08	3.55E-03	5.59E-07	1.95E-07	2.49E-04	3.93E-08	1.37E-08	3.56E-03	5.61E-07	1.96E-07	1.14E-04	1.80E-08	6.27E-09
2126	495311.06, 3859651.99	3.48E-03	5.49E-07	1.91E-07	2.15E-04	3.39E-08	1.18E-08	3.52E-03	5.55E-07	1.93E-07	2.48E-04	3.91E-08	1.36E-08	3.53E-03	5.57E-07	1.94E-07	1.14E-04	1.79E-08	6.25E-09
2127	495361.06, 3859651.99	3.46E-03	5.45E-07	1.90E-07	2.14E-04	3.38E-08	1.18E-08	3.49E-03	5.50E-07	1.92E-07	2.48E-04	3.90E-08	1.36E-08	3.51E-03	5.52E-07	1.92E-07	1.13E-04	1.79E-08	6.23E-09
2128	495411.06, 3859651.99	3.42E-03	5.39E-07	1.88E-07	2.13E-04	3.36E-08	1.17E-08	3.46E-03	5.45E-07	1.90E-07	2.46E-04	3.88E-08	1.35E-08	3.47E-03	5.47E-07	1.91E-07	1.13E-04	1.78E-08	6.20E-09
2129	495461.06, 3859651.99	3.37E-03	5.30E-07	1.85E-07	2.12E-04	3.34E-08	1.16E-08	3.40E-03	5.36E-07	1.87E-07	2.45E-04	3.85E-08	1.34E-08	3.41E-03	5.37E-07	1.87E-07	1.12E-04	1.77E-08	6.16E-09
2130	495511.06, 3859651.99	3.32E-03	5.22E-07	1.82E-07	2.10E-04	3.32E-08	1.15E-08	3.35E-03	5.28E-07	1.84E-07	2.43E-04	3.83E-08	1.33E-08	3.36E-03	5.29E-07	1.84E-07	1.11E-04	1.76E-08	6.12E-09
2131	495561.06, 3859651.99	3.29E-03	5.18E-07	1.81E-07	2.10E-04	3.30E-08	1.15E-08	3.33E-03	5.24E-07	1.83E-07	2.42E-04	3.81E-08	1.33E-08	3.33E-03	5.25E-07	1.83E-07	1.11E-04	1.75E-08	6.09E-09
2132	495611.06, 3859651.99	3.25E-03	5.13E-07	1.79E-07	2.09E-04	3.28E-08	1.14E-08	3.29E-03	5.18E-07	1.81E-07	2.41E-04	3.79E-08	1.32E-08	3.30E-03	5.19E-07	1.81E-07	1.10E-04	1.74E-08	6.06E-09
2133	495661.06, 3859651.99	3.21E-03	5.06E-07	1.76E-07	2.07E-04	3.27E-08	1.14E-08	3.25E-03	5.12E-07	1.78E-07	2.39E-04	3.77E-08	1.31E-08	3.25E-03	5.13E-07	1.79E-07	1.10E-04	1.73E-08	6.03E-09
2134	494311.06, 3859701.99	4.33E-03	6.83E-07	2.38E-07	2.30E-04	3.62E-08	1.26E-08	4.37E-03	6.89E-07	2.40E-07	2.66E-04	4.19E-08	1.46E-08	4.42E-03	6.97E-07	2.43E-07	1.22E-04	1.92E-08	6.68E-09
2135	494361.06, 3859701.99	4.27E-03	6.73E-07	2.35E-07	2.29E-04	3.61E-08	1.26E-08	4.31E-03	6.79E-07	2.37E-07	2.64E-04	4.17E-08	1.45E-08	4.36E-03	6.87E-07	2.39E-07	1.21E-04	1.91E-08	6.64E-09
2136	494411.06, 3859701.99	4.24E-03	6.68E-07	2.33E-07	2.28E-04	3.59E-08	1.25E-08	4.28E-03	6.74E-07	2.35E-07	2.64E-04	4.15E-08	1.45E-08	4.33E-03	6.82E-07	2.38E-07	1.21E-04	1.90E-08	6.62E-09
2137	494461.06, 3859701.99	4.26E-03	6.71E-07	2.34E-07	2.28E-04	3.59E-08	1.25E-08	4.30E-03	6.77E-07	2.36E-07	2.63E-04	4.15E-08	1.45E-08	4.35E-03	6.85E-07	2.39E-07	1.21E-04	1.90E-08	6.62E-09
2138	494511.06, 3859701.99	4.21E-03	6.63E-07	2.31E-07	2.27E-04	3.58E-08	1.25E-08	4.25E-03	6.69E-07	2.33E-07	2.62E-04	4.13E-08	1.44E-08	4.29E-03	6.76E-07	2.36E-07	1.20E-04	1.89E-08	6.59E-09
2139	494561.06, 3859701.99	4.17E-03	6.58E-07	2.29E-07	2.26E-04	3.56E-08	1.24E-08	4.21E-03	6.64E-07	2.31E-07	2.61E-04	4.12E-08	1.43E-08	4.26E-03	6.71E-07	2.34E-07	1.20E-04	1.89E-08	6.57E-09
2140	494611.06, 3859701.99	4.14E-03	6.52E-07	2.27E-07	2.25E-04	3.55E-08	1.24E-08	4.17E-03	6.58E-07	2.29E-07	2.60E-04	4.10E-08	1.43E-08	4.22E-03	6.64E-07	2.31E-07	1.19E-04	1.88E-08	6.55E-09

2141	494661.06, 3859701.99	4.01E-03	6.31E-07	2.20E-07	2.24E-04	3.52E-08	1.23E-08	4.05E-03	6.37E-07	2.22E-07	2.58E-04	4.07E-08	1.42E-08	4.08E-03	6.43E-07	2.24E-07	1.18E-04	1.86E-08	6.49E-09
2142	494711.06, 3859701.99	3.99E-03	6.29E-07	2.19E-07	2.23E-04	3.51E-08	1.22E-08	4.03E-03	6.35E-07	2.21E-07	2.58E-04	4.06E-08	1.41E-08	4.07E-03	6.41E-07	2.23E-07	1.18E-04	1.86E-08	6.48E-09
2143	494761.06, 3859701.99	3.93E-03	6.20E-07	2.16E-07	2.22E-04	3.50E-08	1.22E-08	3.97E-03	6.26E-07	2.18E-07	2.56E-04	4.04E-08	1.41E-08	4.01E-03	6.31E-07	2.20E-07	1.17E-04	1.85E-08	6.45E-09
2144	494811.06, 3859701.99	3.87E-03	6.10E-07	2.13E-07	2.21E-04	3.48E-08	1.21E-08	3.91E-03	6.16E-07	2.15E-07	2.55E-04	4.02E-08	1.40E-08	3.94E-03	6.21E-07	2.16E-07	1.17E-04	1.84E-08	6.42E-09
2145	494861.06, 3859701.99	3.87E-03	6.09E-07	2.12E-07	2.21E-04	3.47E-08	1.21E-08	3.90E-03	6.15E-07	2.14E-07	2.55E-04	4.01E-08	1.40E-08	3.94E-03	6.20E-07	2.16E-07	1.17E-04	1.84E-08	6.40E-09
2146	494911.06, 3859701.99	3.82E-03	6.01E-07	2.09E-07	2.20E-04	3.46E-08	1.21E-08	3.85E-03	6.07E-07	2.12E-07	2.54E-04	4.00E-08	1.39E-08	3.88E-03	6.12E-07	2.13E-07	1.16E-04	1.83E-08	6.38E-09
2147	494961.06, 3859701.99	3.77E-03	5.94E-07	2.07E-07	2.19E-04	3.44E-08	1.20E-08	3.81E-03	6.00E-07	2.09E-07	2.53E-04	3.98E-08	1.39E-08	3.83E-03	6.04E-07	2.10E-07	1.16E-04	1.82E-08	6.35E-09
2148	495011.06, 3859701.99	3.74E-03	5.90E-07	2.05E-07	2.18E-04	3.43E-08	1.20E-08	3.78E-03	5.96E-07	2.07E-07	2.52E-04	3.97E-08	1.38E-08	3.81E-03	6.00E-07	2.09E-07	1.15E-04	1.82E-08	6.33E-09
2149	495061.06, 3859701.99	3.71E-03	5.84E-07	2.03E-07	2.17E-04	3.42E-08	1.19E-08	3.74E-03	5.90E-07	2.05E-07	2.51E-04	3.95E-08	1.38E-08	3.77E-03	5.93E-07	2.07E-07	1.15E-04	1.81E-08	6.31E-09
2150	495111.06, 3859701.99	3.67E-03	5.78E-07	2.01E-07	2.16E-04	3.41E-08	1.19E-08	3.70E-03	5.83E-07	2.03E-07	2.50E-04	3.94E-08	1.37E-08	3.73E-03	5.87E-07	2.05E-07	1.15E-04	1.80E-08	6.28E-09
2151	495161.06, 3859701.99	3.62E-03	5.71E-07	1.99E-07	2.15E-04	3.39E-08	1.18E-08	3.66E-03	5.77E-07	2.01E-07	2.49E-04	3.92E-08	1.37E-08	3.68E-03	5.80E-07	2.02E-07	1.14E-04	1.80E-08	6.26E-09
2152	495211.06, 3859701.99	3.58E-03	5.64E-07	1.96E-07	2.14E-04	3.38E-08	1.18E-08	3.62E-03	5.70E-07	1.98E-07	2.48E-04	3.90E-08	1.36E-08	3.64E-03	5.73E-07	2.00E-07	1.13E-04	1.79E-08	6.23E-09
2153	495261.06, 3859701.99	3.57E-03	5.62E-07	1.96E-07	2.14E-04	3.37E-08	1.17E-08	3.60E-03	5.68E-07	1.98E-07	2.47E-04	3.90E-08	1.36E-08	3.62E-03	5.71E-07	1.99E-07	1.13E-04	1.78E-08	6.22E-09
2154	495311.06, 3859701.99	3.53E-03	5.56E-07	1.94E-07	2.13E-04	3.36E-08	1.17E-08	3.56E-03	5.61E-07	1.96E-07	2.46E-04	3.88E-08	1.35E-08	3.58E-03	5.64E-07	1.97E-07	1.13E-04	1.78E-08	6.19E-09
2155	495361.06, 3859701.99	3.49E-03	5.50E-07	1.92E-07	2.12E-04	3.34E-08	1.16E-08	3.53E-03	5.55E-07	1.93E-07	2.45E-04	3.86E-08	1.35E-08	3.54E-03	5.58E-07	1.94E-07	1.12E-04	1.77E-08	6.16E-09
2156	495411.06, 3859701.99	3.44E-03	5.42E-07	1.89E-07	2.11E-04	3.32E-08	1.16E-08	3.48E-03	5.48E-07	1.91E-07	2.44E-04	3.84E-08	1.34E-08	3.49E-03	5.50E-07	1.92E-07	1.12E-04	1.76E-08	6.13E-09
2157	495461.06, 3859701.99	3.40E-03	5.36E-07	1.87E-07	2.10E-04	3.31E-08	1.15E-08	3.44E-03	5.42E-07	1.89E-07	2.43E-04	3.82E-08	1.33E-08	3.45E-03	5.44E-07	1.89E-07	1.11E-04	1.75E-08	6.10E-09
2158	495511.06, 3859701.99	3.33E-03	5.25E-07	1.83E-07	2.08E-04	3.28E-08	1.14E-08	3.37E-03	5.31E-07	1.85E-07	2.41E-04	3.79E-08	1.32E-08	3.38E-03	5.32E-07	1.85E-07	1.10E-04	1.74E-08	6.05E-09
2159	495561.06, 3859701.99	3.33E-03	5.25E-07	1.83E-07	2.08E-04	3.28E-08	1.14E-08	3.37E-03	5.30E-07	1.85E-07	2.40E-04	3.79E-08	1.32E-08	3.38E-03	5.32E-07	1.85E-07	1.10E-04	1.74E-08	6.05E-09
2160	495611.06, 3859701.99	3.30E-03	5.19E-07	1.81E-07	2.07E-04	3.26E-08	1.14E-08	3.33E-03	5.25E-07	1.83E-07	2.39E-04	3.77E-08	1.31E-08	3.34E-03	5.26E-07	1.83E-07	1.10E-04	1.73E-08	6.02E-09
2161	495661.06, 3859701.99	3.26E-03	5.13E-07	1.79E-07	2.06E-04	3.25E-08	1.13E-08	3.29E-03	5.19E-07	1.81E-07	2.38E-04	3.75E-08	1.31E-08	3.30E-03	5.20E-07	1.81E-07	1.09E-04	1.72E-08	5.99E-09
2162	494311.06, 3859751.99	4.39E-03	6.92E-07	2.41E-07	2.27E-04	3.58E-08	1.25E-08	4.43E-03	6.98E-07	2.43E-07	2.63E-04	4.14E-08	1.44E-08	4.49E-03	7.07E-07	2.46E-07	1.20E-04	1.89E-08	6.59E-09
2163	494361.06, 3859751.99	4.34E-03	6.84E-07	2.38E-07	2.26E-04	3.56E-08	1.24E-08	4.38E-03	6.90E-07	2.40E-07	2.61E-04	4.12E-08	1.43E-08	4.43E-03	6.98E-07	2.43E-07	1.20E-04	1.88E-08	6.57E-09
2164	494411.06, 3859751.99	4.28E-03	6.74E-07	2.35E-07	2.25E-04	3.55E-08	1.24E-08	4.31E-03	6.80E-07	2.37E-07	2.60E-04	4.10E-08	1.43E-08	4.36E-03	6.88E-07	2.40E-07	1.19E-04	1.88E-08	6.53E-09
2165	494461.06, 3859751.99	4.28E-03	6.74E-07	2.35E-07	2.25E-04	3.54E-08	1.23E-08	4.32E-03	6.80E-07	2.37E-07	2.60E-04	4.09E-08	1.43E-08	4.37E-03	6.88E-07	2.40E-07	1.19E-04	1.87E-08	6.52E-09
2166	494511.06, 3859751.99	4.26E-03	6.71E-07	2.34E-07	2.24E-04	3.53E-08	1.23E-08	4.30E-03	6.77E-07	2.36E-07	2.59E-04	4.08E-08	1.42E-08	4.35E-03	6.85E-07	2.39E-07	1.19E-04	1.87E-08	6.51E-09
2167	494561.06, 3859751.99	4.21E-03	6.64E-07	2.31E-07	2.23E-04	3.52E-08	1.23E-08	4.25E-03	6.70E-07	2.33E-07	2.58E-04	4.06E-08	1.42E-08	4.30E-03	6.77E-07	2.36E-07	1.18E-04	1.86E-08	6.48E-09
2168	494611.06, 3859751.99	4.15E-03	6.54E-07	2.28E-07	2.22E-04	3.50E-08	1.22E-08	4.19E-03	6.60E-07	2.30E-07	2.57E-04	4.05E-08	1.41E-08	4.24E-03	6.67E-07	2.32E-07	1.18E-04	1.85E-08	6.45E-09
2169	494661.06, 3859751.99	4.05E-03	6.39E-07	2.22E-07	2.21E-04	3.48E-08	1.21E-08	4.09E-03	6.44E-07	2.25E-07	2.55E-04	4.02E-08	1.40E-08	4.13E-03	6.51E-07	2.27E-07	1.17E-04	1.84E-08	6.41E-09
2170	494711.06, 3859751.99	4.04E-03	6.37E-07	2.22E-07	2.20E-04	3.47E-08	1.21E-08	4.08E-03	6.42E-07	2.24E-07	2.55E-04	4.01E-08	1.40E-08	4.12E-03	6.49E-07	2.26E-07	1.17E-04	1.84E-08	6.40E-09
2171	494761.06, 3859751.99	4.01E-03	6.31E-07	2.20E-07	2.20E-04	3.46E-08	1.21E-08	4.05E-03	6.37E-07	2.22E-07	2.54E-04	4.00E-08	1.39E-08	4.09E-03	6.44E-07	2.24E-07	1.16E-04	1.83E-08	6.38E-09
2172	494811.06, 3859751.99	3.95E-03	6.23E-07	2.17E-07	2.19E-04	3.45E-08	1.20E-08	3.99E-03	6.29E-07	2.19E-07	2.53E-04	3.98E-08	1.39E-08	4.03E-03	6.35E-07	2.21E-07	1.16E-04	1.82E-08	6.35E-09
2173	494861.06, 3859751.99	3.92E-03	6.17E-07	2.15E-07	2.18E-04	3.43E-08	1.20E-08	3.95E-03	6.23E-07	2.17E-07	2.52E-04	3.97E-08	1.38E-08	3.99E-03	6.29E-07	2.19E-07	1.15E-04	1.82E-08	6.33E-09
2174	494911.06, 3859751.99	3.88E-03	6.11E-07	2.13E-07	2.17E-04	3.42E-08	1.19E-08	3.91E-03	6.17E-07	2.15E-07	2.51E-04	3.95E-08	1.38E-08	3.95E-03	6.22E-07	2.17E-07	1.15E-04	1.81E-08	6.30E-09
2175	494961.06, 3859751.99	3.84E-03	6.05E-07	2.11E-07	2.16E-04	3.41E-08	1.19E-08	3.88E-03	6.11E-07	2.13E-07	2.50E-04	3.94E-08	1.37E-08	3.91E-03	6.16E-07	2.15E-07	1.14E-04	1.80E-08	6.28E-09
2176	495011.06, 3859751.99	3.80E-03	5.98E-07	2.08E-07	2.16E-04	3.40E-08	1.18E-08	3.83E-03	6.04E-07	2.10E-07	2.49E-04	3.92E-08	1.37E-08	3.87E-03	6.09E-07	2.12E-07	1.14E-04	1.80E-08	6.26E-09
2177	495061.06, 3859751.99	3.77E-03	5.94E-07	2.07E-07	2.15E-04	3.39E-08	1.18E-08	3.81E-03	6.00E-07	2.09E-07	2.48E-04	3.91E-08	1.36E-08	3.84E-03	6.04E-07	2.11E-07	1.14E-04	1.79E-08	6.24E-09
2178	495111.06, 3859751.99	3.73E-03	5.87E-07	2.05E-07	2.14E-04	3.37E-08	1.18E-08	3.77E-03	5.93E-07	2.07E-07	2.47E-04	3.90E-08	1.36E-08	3.79E-03	5.98E-07	2.08E-07	1.13E-04	1.79E-08	6.22E-09
2179	495161.06, 3859751.99	3.69E-03	5.81E-07	2.02E-07	2.13E-04	3.36E-08	1.17E-08	3.72E-03	5.86E-07	2.04E-07	2.46E-04	3.88E-08	1.35E-08	3.75E-03	5.91E-07	2.06E-07	1.13E-04	1.78E-08	6.19E-09
2180	495211.06, 3859751.99	3.64E-03	5.73E-07	2.00E-07	2.12E-04	3.35E-08	1.17E-08	3.68E-03	5.79E-07	2.02E-07	2.45E-04	3.87E-08	1.35E-08	3.70E-03	5.83E-07	2.03E-07	1.12E-04	1.77E-08	6.17E-09
2181	495261.06, 3859751.99	3.61E-03	5.69E-07	1.98E-07	2.12E-04	3.34E-08	1.16E-08	3.65E-03	5.74E-07	2.00E-07	2.45E-04	3.85E-08	1.34E-08	3.67E-03	5.78E-07	2.01E-07	1.12E-04	1.77E-08	6.15E-09
2182	495311.06, 3859751.99	3.57E-03	5.62E-07	1.96E-07	2.11E-04	3.32E-08	1.16E-08	3.61E-03	5.68E-07	1.98E-07	2.44E-04	3.84E-08	1.34E-08	3.63E-03	5.72E-07	1.99E-07	1.12E-04	1.76E-08	6.12E-09
2183	495361.06, 3859751.99	3.53E-03	5.57E-07	1.94E-07	2.10E-04	3.31E-08	1.15E-08	3.57E-03	5.62E-07	1.96E-07	2.43E-04	3.82E-08	1.33E-08	3.59E-03	5.66E-07	1.97E-07	1.11E-04	1.75E-08	6.10E-09
2184	495411.06, 3859751.99	3.50E-03	5.51E-07	1.92E-07	2.09E-04	3.30E-08	1.15E-08	3.54E-03	5.57E-07	1.94E-07	2.42E-04	3.81E-08	1.33E-08	3.56E-03	5.60E-07	1.95E-07	1.11E-04	1.74E-08	6.08E-09
2185	495461.06, 3859751.99	3.45E-03	5.43E-07	1.89E-07	2.08E-04	3.28E-08	1.14E-08	3.48E-03	5.49E-07	1.91E-07	2.41E-04	3.79E-08	1.32E-08	3.50E-03	5.52E-07	1.92E-07	1.10E-04	1.74E-08	6.05E-09
2186	495511.06, 3859751.99	3.40E-03	5.35E-07	1.87E-07	2.07E-04	3.26E-08	1.14E-08	3.43E-03	5.41E-07	1.88E-07	2.39E-04	3.77E-08	1.31E-08	3.45E-03	5.44E-07	1.89E-07	1.10E-04	1.73E-08	6.01E-09
2187	495561.06, 3859751.99	3.36E-03	5.30E-07	1.85E-07	2.06E-04	3.25E-08	1.13E-08	3.40E-03	5.35E-07	1.86E-07	2.38E-04	3.75E-08	1.31E-08	3.41E-03	5.38E-07	1.87E-07	1.09E-04	1.72E-08	5.99E-09
2188	495611.06, 3859751.99	3.33E-03	5.25E-07	1.83E-07	2.05E-04	3.24E-08	1.13E-08	3.36E-03	5.30E-07	1.85E-07	2.37E-04	3.74E-08	1.30E-08	3.38E-03	5.32E-07	1.85E-07	1.09E-04	1.71E-08	5.97E-09
2189	495661.06, 3859751.99	3.30E-03	5.21E-07	1.81E-07	2.05E-04	3.22E-08	1.12E-08	3.34E-03	5.26E-07	1.83E-07	2.36E-04	3.72E-08	1.30E-08	3.35E-03	5.28E-07	1.84E-07	1.08E-04	1.71E-08	5.94E-09
2190	494311.06, 3859801.99	4.44E-03	7.00E-07	2.44E-07	2.25E-04	3.54E-08	1.23E-08	4.48E-03	7.06E-07	2.46E-07	2.59E-04	4.09E-08	1.42E-08	4.54E-03	7.16E-07	2.49E-07	1.19E-04	1.87E-08	6.51E-09
2191	494361.06, 3859801.99	4.37E-03	6.89E-07	2.40E-07	2.23E-04	3.52E-08	1.23E-08	4.41E-03	6.95E-07	2.42E-07	2.58E-04	4.07E-08	1.42E-08	4.47E-03	7.04E-07	2.45E-07	1.18E-04	1.86E-08	6.48E-09
2192	494411.06, 3859801.99	4.29E-03	6.77E-07	2.36E-07	2.22E-04	3.50E-08	1.22E-08	4.33E-03	6.82E-07	2.38E-07	2.57E-04	4.04E-08	1.41E-08	4.39E-03	6.91E-07	2.41E-07	1.17E-04	1.85E-08	6.44E-09
2193	494461.06, 3859801.99	4.29E-03	6.76E-07	2.36E-07	2.22E-04	3.49E-08	1.22E-08	4.33E-03	6.82E-07	2.38E-07	2.56E-04	4.04E-08	1.41E-08	4.38E-03	6.91E-07	2.41E-07	1.17E-04	1.85E-08	6.43E-09
2194	494511.06, 3859801.99	4.29E-03	6.77E-07	2.36E-07	2.21E-04	3.49E-08	1.21E-08	4.33E-03	6.83E-07	2.38E-07	2.56E-04	4.03E-08	1.40E-08	4.39E-03	6.91E-07	2.41E-07	1.17E-04	1.84E-08	6.42E-09
2195	494561.06, 3859801.99	4.25E-03	6.69E-07	2.33E-07	2.20E-04	3.47E-08	1.21E-08	4.29E-03	6.75E-07	2.35E-07	2.55E-04	4.01E-08	1.40E-08	4.34E-03	6.84E-07	2.38E-07	1.16E-04	1.83E-08	6.39E-09
2196	494611.06, 3859801.99	4.16E-03	6.55E-07	2.28E-07	2.19E-04	3.45E-08	1.20E-08	4.20E-03	6.61E-07	2.30E-07	2.53E-04	3.99E-08	1.39E-08	4.25E-03	6.69E-07	2.33E-07	1.16E-04	1.82E-08	6.36E-09
2197	494661.06, 3859801.99	4.11E-03	6.47E-07	2.26E-07	2.18E-04	3.44E-08	1.20E-08	4.15E-03	6.53E-07	2.28E-07	2.52E-04	3.97E-08	1.38E-08	4.19E-03	6.61E-07	2.30E-07	1.15E-04	1.82E-08	6.33E-09
2198	494711.06, 3859801.99	4.05E-03	6.37E-07	2.22E-07	2.17E-04	3.42E-08	1.19E-08	4.08E-03	6.43E-07	2.24E-07	2.51E-04	3.95E-08	1.38E-08	4.13E-03	6.50E-07	2.27E-07	1.15E-04	1.81E-08	6.30E-09
2199	494761.06, 3859801.99	4.05E-03	6.38E-07	2.22E-07	2.17E-04	3.42E-08	1.19E-08	4.08E-03	6.43E-07	2.24E-07	2.51E-04	3.95E-08	1.38E-08	4.13E-03	6.51E-07	2.27E-07	1.15E-04	1.81E-08	6.29E-09
2200	494811.06, 3859801.99	4.00E-03	6.30E-07	2.19E-07	2.16E-04	3.40E-08	1.19E-08	4.04E-03	6.36E-07	2.22E-07	2.50E-04	3.93E-08	1.37E-08	4.08E-03	6.43E-07	2.24E-07	1.14E-04	1.80E-08	6.27E-09
2201	494861.06, 3859801.99	3.97E-03	6.25E-07	2.18E-07	2.15E-04	3.39E-08	1.18E-08	4.00E-03	6.31E-07	2.20E-07	2.49E-04	3.92E-08	1.37E-08	4.04E-03	6.37E-07	2.22E-07	1.14E-04	1.79E-08	6.25E-09
2202	494911.06, 3859801.99	3.91E-03	6.16E-07	2.15E-07	2.14E-04	3.38E-08	1.18E-08	3.95E-03	6.22E-07	2.17E-07	2.48E-04	3.90E-08	1.36E-08	3.99E-03	6.28E-07	2.19E-07	1.13E-04	1.79E-08	6.22E-09
2203	494961.06, 3859801.99	3.88E-03	6.11E-07	2.13E-07	2.14E-04	3.37E-08	1.17E-08	3.91E-03	6.16E-07	2.15E-07	2.47E-04	3.89E-08	1.35E-08	3.95E-03	6.22E-07	2.17E-07	1.13E-04	1.78E-08	6.20E-09
2204	495011.06, 3859801.99	3.83E-03	6.04E-07	2.10E-07	2.13E-04	3.35E-08	1.17E-08	3.87E-03	6.10E-07	2.12E-07	2.46E-04	3.88E-08	1.35E-08	3.91E-03	6.16E-07	2.14E-07	1.13E-04	1.77E-08	6.18E-09
2205	495061.06, 3859801.99	3.80E-03	5.99E-07	2.09E-07	2.12E-04	3.34E-08	1.16E-08	3.84E-03	6.05E-07	2.11E-07	2.45E-04	3.86E-08	1.35E-08	3.87E-03	6.10E-07	2.13E-07	1.12E-04	1.77E-08	6.16E-09
2206	495111.06, 3859801.99	3.76E-03	5.92E-07	2.06E-07	2.11E-04	3.33E-08	1.16E-08	3.79E-03	5.97E-07	2.08E-07	2.44E-04	3.85E-08	1.34E-08	3.83E-03	6.03E-07	2.10E-07	1.12E-04	1.76E-08	6.14E-09
2207	495161.06, 3859801.99	3.71E-03	5.85E-07	2.04E-07	2.11E-04	3.32E-08	1.16E-08	3.75E-03	5.90E-07	2.06E-07	2.43E-04	3.83E-08	1.34E-08	3.78E-03	5.95E-07	2.07E-07	1.11E-04	1.75E-08	6.11E-09

2208	495211.06, 3859801.99	3.68E-03	5.80E-07	2.02E-07	2.10E-04	3.31E-08	1.15E-08	3.72E-03	5.86E-07	2.04E-07	2.43E-04	3.82E-08	1.33E-08	3.75E-03	5.90E-07	2.06E-07	1.11E-04	1.75E-08	6.09E-09
2209	495261.06, 3859801.99	3.64E-03	5.73E-07	2.00E-07	2.09E-04	3.29E-08	1.15E-08	3.67E-03	5.79E-07	2.02E-07	2.42E-04	3.81E-08	1.33E-08	3.70E-03	5.83E-07	2.03E-07	1.11E-04	1.74E-08	6.07E-09
2210	495311.06, 3859801.99	3.61E-03	5.69E-07	1.98E-07	2.09E-04	3.28E-08	1.14E-08	3.64E-03	5.74E-07	2.00E-07	2.41E-04	3.79E-08	1.32E-08	3.67E-03	5.78E-07	2.02E-07	1.10E-04	1.74E-08	6.05E-09
2211	495361.06, 3859801.99	3.57E-03	5.62E-07	1.96E-07	2.08E-04	3.27E-08	1.14E-08	3.61E-03	5.68E-07	1.98E-07	2.40E-04	3.78E-08	1.32E-08	3.63E-03	5.72E-07	1.99E-07	1.10E-04	1.73E-08	6.03E-09
2212	495411.06, 3859801.99	3.52E-03	5.55E-07	1.93E-07	2.07E-04	3.26E-08	1.14E-08	3.56E-03	5.61E-07	1.95E-07	2.39E-04	3.76E-08	1.31E-08	3.58E-03	5.65E-07	1.97E-07	1.09E-04	1.72E-08	6.00E-09
2213	495461.06, 3859801.99	3.49E-03	5.50E-07	1.91E-07	2.06E-04	3.25E-08	1.13E-08	3.52E-03	5.55E-07	1.93E-07	2.38E-04	3.75E-08	1.31E-08	3.55E-03	5.59E-07	1.95E-07	1.09E-04	1.72E-08	5.98E-09
2214	495511.06, 3859801.99	3.44E-03	5.41E-07	1.89E-07	2.05E-04	3.23E-08	1.13E-08	3.47E-03	5.47E-07	1.90E-07	2.37E-04	3.73E-08	1.30E-08	3.49E-03	5.50E-07	1.92E-07	1.08E-04	1.71E-08	5.95E-09
2215	495561.06, 3859801.99	3.41E-03	5.37E-07	1.87E-07	2.04E-04	3.22E-08	1.12E-08	3.44E-03	5.42E-07	1.89E-07	2.36E-04	3.72E-08	1.30E-08	3.46E-03	5.45E-07	1.90E-07	1.08E-04	1.70E-08	5.93E-09
2216	495611.06, 3859801.99	3.39E-03	5.34E-07	1.86E-07	2.04E-04	3.21E-08	1.12E-08	3.42E-03	5.40E-07	1.88E-07	2.35E-04	3.71E-08	1.29E-08	3.44E-03	5.42E-07	1.89E-07	1.08E-04	1.70E-08	5.92E-09
2217	495661.06, 3859801.99	3.34E-03	5.27E-07	1.84E-07	2.03E-04	3.19E-08	1.11E-08	3.38E-03	5.32E-07	1.85E-07	2.34E-04	3.69E-08	1.29E-08	3.40E-03	5.35E-07	1.86E-07	1.07E-04	1.69E-08	5.89E-09
2218	494311.06, 3859851.99	4.47E-03	7.04E-07	2.45E-07	2.22E-04	3.49E-08	1.22E-08	4.50E-03	7.09E-07	2.47E-07	2.56E-04	4.03E-08	1.41E-08	4.57E-03	7.20E-07	2.51E-07	1.17E-04	1.84E-08	6.42E-09
2219	494361.06, 3859851.99	4.41E-03	6.94E-07	2.42E-07	2.21E-04	3.48E-08	1.21E-08	4.44E-03	7.00E-07	2.44E-07	2.55E-04	4.02E-08	1.40E-08	4.51E-03	7.10E-07	2.47E-07	1.17E-04	1.84E-08	6.39E-09
2220	494411.06, 3859851.99	4.34E-03	6.84E-07	2.38E-07	2.20E-04	3.46E-08	1.20E-08	4.38E-03	6.90E-07	2.40E-07	2.54E-04	4.00E-08	1.39E-08	4.44E-03	6.99E-07	2.44E-07	1.16E-04	1.83E-08	6.36E-09
2221	494461.06, 3859851.99	4.29E-03	6.76E-07	2.36E-07	2.19E-04	3.44E-08	1.20E-08	4.33E-03	6.82E-07	2.38E-07	2.53E-04	3.98E-08	1.39E-08	4.39E-03	6.91E-07	2.41E-07	1.15E-04	1.82E-08	6.34E-09
2222	494511.06, 3859851.99	4.28E-03	6.74E-07	2.35E-07	2.18E-04	3.43E-08	1.20E-08	4.31E-03	6.79E-07	2.37E-07	2.52E-04	3.97E-08	1.38E-08	4.37E-03	6.89E-07	2.40E-07	1.15E-04	1.81E-08	6.32E-09
2223	494561.06, 3859851.99	4.27E-03	6.73E-07	2.34E-07	2.17E-04	3.43E-08	1.19E-08	4.31E-03	6.78E-07	2.36E-07	2.51E-04	3.96E-08	1.38E-08	4.36E-03	6.87E-07	2.40E-07	1.15E-04	1.81E-08	6.30E-09
2224	494611.06, 3859851.99	4.18E-03	6.58E-07	2.29E-07	2.16E-04	3.41E-08	1.19E-08	4.21E-03	6.63E-07	2.31E-07	2.50E-04	3.93E-08	1.37E-08	4.27E-03	6.72E-07	2.34E-07	1.14E-04	1.80E-08	6.27E-09
2225	494661.06, 3859851.99	4.15E-03	6.54E-07	2.28E-07	2.16E-04	3.40E-08	1.18E-08	4.19E-03	6.60E-07	2.30E-07	2.49E-04	3.92E-08	1.37E-08	4.24E-03	6.68E-07	2.33E-07	1.14E-04	1.79E-08	6.25E-09
2226	494711.06, 3859851.99	4.08E-03	6.43E-07	2.24E-07	2.14E-04	3.38E-08	1.18E-08	4.12E-03	6.49E-07	2.26E-07	2.48E-04	3.90E-08	1.36E-08	4.17E-03	6.57E-07	2.29E-07	1.13E-04	1.79E-08	6.22E-09
2227	494761.06, 3859851.99	4.08E-03	6.42E-07	2.24E-07	2.14E-04	3.37E-08	1.17E-08	4.11E-03	6.48E-07	2.26E-07	2.47E-04	3.90E-08	1.36E-08	4.16E-03	6.56E-07	2.29E-07	1.13E-04	1.78E-08	6.21E-09
2228	494811.06, 3859851.99	4.03E-03	6.35E-07	2.21E-07	2.13E-04	3.36E-08	1.17E-08	4.07E-03	6.41E-07	2.23E-07	2.46E-04	3.88E-08	1.35E-08	4.12E-03	6.49E-07	2.26E-07	1.13E-04	1.77E-08	6.18E-09
2229	494861.06, 3859851.99	4.01E-03	6.31E-07	2.20E-07	2.13E-04	3.35E-08	1.17E-08	4.04E-03	6.37E-07	2.22E-07	2.46E-04	3.87E-08	1.35E-08	4.09E-03	6.44E-07	2.24E-07	1.12E-04	1.77E-08	6.16E-09
2230	494911.06, 3859851.99	3.95E-03	6.23E-07	2.17E-07	2.12E-04	3.34E-08	1.16E-08	3.99E-03	6.29E-07	2.19E-07	2.45E-04	3.85E-08	1.34E-08	4.03E-03	6.36E-07	2.21E-07	1.12E-04	1.76E-08	6.14E-09
2231	494961.06, 3859851.99	3.92E-03	6.17E-07	2.15E-07	2.11E-04	3.32E-08	1.16E-08	3.95E-03	6.22E-07	2.17E-07	2.44E-04	3.84E-08	1.34E-08	3.99E-03	6.29E-07	2.19E-07	1.12E-04	1.76E-08	6.12E-09
2232	495011.06, 3859851.99	3.88E-03	6.11E-07	2.13E-07	2.10E-04	3.31E-08	1.15E-08	3.91E-03	6.16E-07	2.15E-07	2.43E-04	3.83E-08	1.33E-08	3.95E-03	6.23E-07	2.17E-07	1.11E-04	1.75E-08	6.10E-09
2233	495061.06, 3859851.99	3.84E-03	6.06E-07	2.11E-07	2.10E-04	3.30E-08	1.15E-08	3.88E-03	6.11E-07	2.13E-07	2.42E-04	3.81E-08	1.33E-08	3.92E-03	6.18E-07	2.15E-07	1.11E-04	1.75E-08	6.08E-09
2234	495111.06, 3859851.99	3.79E-03	5.98E-07	2.08E-07	2.09E-04	3.29E-08	1.15E-08	3.83E-03	6.03E-07	2.10E-07	2.41E-04	3.80E-08	1.32E-08	3.87E-03	6.09E-07	2.12E-07	1.10E-04	1.74E-08	6.06E-09
2235	495161.06, 3859851.99	3.75E-03	5.91E-07	2.06E-07	2.08E-04	3.28E-08	1.14E-08	3.79E-03	5.97E-07	2.08E-07	2.40E-04	3.79E-08	1.32E-08	3.82E-03	6.03E-07	2.10E-07	1.10E-04	1.73E-08	6.03E-09
2236	495211.06, 3859851.99	3.72E-03	5.85E-07	2.04E-07	2.07E-04	3.27E-08	1.14E-08	3.75E-03	5.91E-07	2.06E-07	2.40E-04	3.77E-08	1.31E-08	3.79E-03	5.96E-07	2.08E-07	1.10E-04	1.73E-08	6.01E-09
2237	495261.06, 3859851.99	3.68E-03	5.79E-07	2.02E-07	2.07E-04	3.25E-08	1.13E-08	3.71E-03	5.85E-07	2.04E-07	2.39E-04	3.76E-08	1.31E-08	3.74E-03	5.90E-07	2.05E-07	1.09E-04	1.72E-08	5.99E-09
2238	495311.06, 3859851.99	3.64E-03	5.74E-07	2.00E-07	2.06E-04	3.24E-08	1.13E-08	3.68E-03	5.80E-07	2.02E-07	2.38E-04	3.75E-08	1.31E-08	3.71E-03	5.85E-07	2.04E-07	1.09E-04	1.72E-08	5.98E-09
2239	495361.06, 3859851.99	3.61E-03	5.69E-07	1.98E-07	2.05E-04	3.23E-08	1.13E-08	3.64E-03	5.74E-07	2.00E-07	2.37E-04	3.74E-08	1.30E-08	3.67E-03	5.79E-07	2.02E-07	1.09E-04	1.71E-08	5.96E-09
2240	495411.06, 3859851.99	3.57E-03	5.62E-07	1.96E-07	2.04E-04	3.22E-08	1.12E-08	3.60E-03	5.67E-07	1.98E-07	2.36E-04	3.72E-08	1.30E-08	3.63E-03	5.72E-07	1.99E-07	1.08E-04	1.70E-08	5.93E-09
2241	495461.06, 3859851.99	3.52E-03	5.55E-07	1.93E-07	2.04E-04	3.21E-08	1.12E-08	3.56E-03	5.60E-07	1.95E-07	2.35E-04	3.71E-08	1.29E-08	3.58E-03	5.65E-07	1.97E-07	1.08E-04	1.70E-08	5.91E-09
2242	495511.06, 3859851.99	3.48E-03	5.47E-07	1.91E-07	2.03E-04	3.19E-08	1.11E-08	3.51E-03	5.53E-07	1.93E-07	2.34E-04	3.69E-08	1.29E-08	3.53E-03	5.57E-07	1.94E-07	1.07E-04	1.69E-08	5.89E-09
2243	495561.06, 3859851.99	3.45E-03	5.44E-07	1.89E-07	2.02E-04	3.19E-08	1.11E-08	3.48E-03	5.49E-07	1.91E-07	2.34E-04	3.68E-08	1.28E-08	3.51E-03	5.53E-07	1.93E-07	1.07E-04	1.68E-08	5.87E-09
2244	495611.06, 3859851.99	3.42E-03	5.39E-07	1.88E-07	2.02E-04	3.18E-08	1.11E-08	3.46E-03	5.45E-07	1.90E-07	2.33E-04	3.67E-08	1.28E-08	3.48E-03	5.48E-07	1.91E-07	1.07E-04	1.68E-08	5.85E-09
2245	495661.06, 3859851.99	3.38E-03	5.32E-07	1.85E-07	2.01E-04	3.16E-08	1.10E-08	3.41E-03	5.38E-07	1.87E-07	2.32E-04	3.65E-08	1.27E-08	3.43E-03	5.41E-07	1.88E-07	1.06E-04	1.67E-08	5.82E-09
2246	494311.06, 3859901.99	4.48E-03	7.05E-07	2.46E-07	2.19E-04	3.45E-08	1.20E-08	4.51E-03	7.11E-07	2.48E-07	2.53E-04	3.98E-08	1.39E-08	4.58E-03	7.22E-07	2.52E-07	1.15E-04	1.82E-08	6.34E-09
2247	494361.06, 3859901.99	4.39E-03	6.92E-07	2.41E-07	2.17E-04	3.43E-08	1.19E-08	4.43E-03	6.98E-07	2.43E-07	2.51E-04	3.96E-08	1.38E-08	4.49E-03	7.08E-07	2.47E-07	1.15E-04	1.81E-08	6.30E-09
2248	494411.06, 3859901.99	4.36E-03	6.88E-07	2.40E-07	2.17E-04	3.41E-08	1.19E-08	4.40E-03	6.93E-07	2.42E-07	2.50E-04	3.95E-08	1.37E-08	4.47E-03	7.03E-07	2.45E-07	1.14E-04	1.80E-08	6.28E-09
2249	494461.06, 3859901.99	4.32E-03	6.80E-07	2.37E-07	2.16E-04	3.40E-08	1.18E-08	4.35E-03	6.86E-07	2.39E-07	2.49E-04	3.93E-08	1.37E-08	4.42E-03	6.96E-07	2.42E-07	1.14E-04	1.80E-08	6.26E-09
2250	494511.06, 3859901.99	4.29E-03	6.76E-07	2.35E-07	2.15E-04	3.39E-08	1.18E-08	4.32E-03	6.81E-07	2.37E-07	2.49E-04	3.92E-08	1.36E-08	4.39E-03	6.91E-07	2.41E-07	1.14E-04	1.79E-08	6.23E-09
2251	494561.06, 3859901.99	4.29E-03	6.76E-07	2.36E-07	2.15E-04	3.38E-08	1.18E-08	4.33E-03	6.82E-07	2.38E-07	2.48E-04	3.91E-08	1.36E-08	4.39E-03	6.92E-07	2.41E-07	1.13E-04	1.79E-08	6.22E-09
2252	494611.06, 3859901.99	4.20E-03	6.61E-07	2.30E-07	2.13E-04	3.36E-08	1.17E-08	4.23E-03	6.67E-07	2.32E-07	2.47E-04	3.88E-08	1.35E-08	4.29E-03	6.76E-07	2.35E-07	1.13E-04	1.78E-08	6.19E-09
2253	494661.06, 3859901.99	4.19E-03	6.61E-07	2.30E-07	2.13E-04	3.35E-08	1.17E-08	4.23E-03	6.66E-07	2.32E-07	2.46E-04	3.88E-08	1.35E-08	4.29E-03	6.75E-07	2.35E-07	1.12E-04	1.77E-08	6.17E-09
2254	494711.06, 3859901.99	4.10E-03	6.46E-07	2.25E-07	2.12E-04	3.33E-08	1.16E-08	4.14E-03	6.52E-07	2.27E-07	2.45E-04	3.85E-08	1.34E-08	4.19E-03	6.60E-07	2.30E-07	1.12E-04	1.76E-08	6.13E-09
2255	494761.06, 3859901.99	4.08E-03	6.43E-07	2.24E-07	2.11E-04	3.32E-08	1.16E-08	4.12E-03	6.49E-07	2.26E-07	2.44E-04	3.84E-08	1.34E-08	4.17E-03	6.57E-07	2.29E-07	1.11E-04	1.76E-08	6.12E-09
2256	494811.06, 3859901.99	4.07E-03	6.41E-07	2.23E-07	2.11E-04	3.32E-08	1.16E-08	4.10E-03	6.47E-07	2.25E-07	2.43E-04	3.83E-08	1.34E-08	4.16E-03	6.55E-07	2.28E-07	1.11E-04	1.75E-08	6.10E-09
2257	494861.06, 3859901.99	4.04E-03	6.36E-07	2.22E-07	2.10E-04	3.31E-08	1.15E-08	4.07E-03	6.42E-07	2.24E-07	2.42E-04	3.82E-08	1.33E-08	4.13E-03	6.50E-07	2.26E-07	1.11E-04	1.75E-08	6.08E-09
2258	494911.06, 3859901.99	3.99E-03	6.28E-07	2.19E-07	2.09E-04	3.29E-08	1.15E-08	4.02E-03	6.34E-07	2.21E-07	2.41E-04	3.80E-08	1.33E-08	4.07E-03	6.41E-07	2.23E-07	1.10E-04	1.74E-08	6.06E-09
2259	494961.06, 3859901.99	3.95E-03	6.23E-07	2.17E-07	2.08E-04	3.28E-08	1.14E-08	3.99E-03	6.28E-07	2.19E-07	2.41E-04	3.79E-08	1.32E-08	4.04E-03	6.36E-07	2.22E-07	1.10E-04	1.73E-08	6.04E-09
2260	495011.06, 3859901.99	3.91E-03	6.16E-07	2.14E-07	2.08E-04	3.27E-08	1.14E-08	3.94E-03	6.21E-07	2.16E-07	2.40E-04	3.78E-08	1.32E-08	3.99E-03	6.28E-07	2.19E-07	1.10E-04	1.73E-08	6.02E-09
2261	495061.06, 3859901.99	3.87E-03	6.09E-07	2.12E-07	2.07E-04	3.26E-08	1.14E-08	3.90E-03	6.15E-07	2.14E-07	2.39E-04	3.76E-08	1.31E-08	3.95E-03	6.22E-07	2.17E-07	1.09E-04	1.72E-08	6.00E-09
2262	495111.06, 3859901.99	3.82E-03	6.01E-07	2.10E-07	2.06E-04	3.24E-08	1.13E-08	3.85E-03	6.07E-07	2.11E-07	2.38E-04	3.75E-08	1.31E-08	3.89E-03	6.14E-07	2.14E-07	1.09E-04	1.71E-08	5.97E-09
2263	495161.06, 3859901.99	3.77E-03	5.94E-07	2.07E-07	2.05E-04	3.23E-08	1.13E-08	3.81E-03	6.00E-07	2.09E-07	2.37E-04	3.73E-08	1.30E-08	3.85E-03	6.06E-07	2.11E-07	1.08E-04	1.71E-08	5.95E-09
2264	495211.06, 3859901.99	3.74E-03	5.90E-07	2.06E-07	2.05E-04	3.22E-08	1.12E-08	3.78E-03	5.95E-07	2.07E-07	2.36E-04	3.72E-08	1.30E-08	3.82E-03	6.01E-07	2.10E-07	1.08E-04	1.70E-08	5.93E-09
2265	495261.06, 3859901.99	3.69E-03	5.82E-07	2.03E-07	2.04E-04	3.21E-08	1.12E-08	3.73E-03	5.87E-07	2.04E-07	2.35E-04	3.71E-08	1.29E-08	3.76E-03	5.93E-07	2.06E-07	1.08E-04	1.70E-08	5.91E-09
2266	495311.06, 3859901.99	3.67E-03	5.77E-07	2.01E-07	2.03E-04	3.20E-08	1.12E-08	3.70E-03	5.83E-07	2.03E-07	2.35E-04	3.70E-08	1.29E-08	3.74E-03	5.89E-07	2.05E-07	1.07E-04	1.69E-08	5.89E-09
2267	495361.06, 3859901.99	3.63E-03	5.71E-07	1.99E-07	2.03E-04	3.19E-08	1.11E-08	3.66E-03	5.77E-07	2.01E-07	2.34E-04	3.69E-08	1.28E-08	3.69E-03	5.82E-07	2.03E-07	1.07E-04	1.69E-08	5.87E-09
2268	495411.06, 3859901.99	3.58E-03	5.64E-07	1.97E-07	2.02E-04	3.18E-08	1.11E-08	3.62E-03	5.70E-07	1.98E-07	2.33E-04	3.67E-08	1.28E-08	3.65E-03	5.75E-07	2.00E-07	1.07E-04	1.68E-08	5.85E-09
2269	495461.06, 3859901.99	3.54E-03	5.58E-07	1.94E-07	2.01E-04	3.17E-08	1.10E-08	3.58E-03	5.63E-07	1.96E-07	2.32E-04	3.66E-08	1.27E-08	3.61E-03	5.68E-07	1.98E-07	1.06E-04	1.67E-08	5.83E-09
2270	495511.06, 3859901.99	3.51E-03	5.54E-07	1.93E-07	2.00E-04	3.16E-08	1.10E-08	3.55E-03	5.59E-07	1.95E-07	2.32E-04	3.65E-08	1.27E-08	3.58E-03	5.64E-07	1.96E-07	1.06E-04	1.67E-08	5.82E-09
2271	495561.06, 3859901.99	3.49E-03	5.49E-07	1.91E-07	2.00E-04	3.15E-08	1.10E-08	3.52E-03	5.55E-07	1.93E-07	2.31E-04	3.64E-08	1.27E-08	3.55E-03	5.59E-07	1.95E-07	1.06E-04	1.66E-08	5.80E-09
2272	495611.06, 3859901.99	3.45E-03	5.43E-07	1.89E-07	1.99E-04	3.14E-08	1.09E-08	3.48E-03	5.48E-07	1.91E-07	2.30E-04	3.62E-08	1.26E-08	3.51E-03	5.52E-07	1.92E-07	1.05E-04	1.66E-08	5.78E-09
2273	495661.06, 3859901.99	3.40E-03	5.36E-07	1.87E-07	1.98E-04	3.12E-08	1.09E-08	3.44E-03	5.41E-07	1.89E-07	2.29E-04	3.61E-08	1.26E-08	3.46E-03	5.45E-07	1.90E-07	1.05E-04	1.65E-08	5.75E-09
2274	494311.06, 3859951.99	4.50E-03	7.08E-07	2.47E-07	2.16E-04	3.41E-08	1.19E-08	4.53E-03	7.14E-07	2.49E-07	2.50E-04	3.94E-08	1.37E-08	4.60E-03	7.25E-07	2.53E-07	1.14E-04	1.80E-08	6.27E-09

2275	494361.06, 3859951.99	4.43E-03	6.99E-07	2.43E-07	2.16E-04	3.40E-08	1.18E-08	4.47E-03	7.04E-07	2.45E-07	2.49E-04	3.92E-08	1.37E-08	4.54E-03	7.15E-07	2.49E-07	1.14E-04	1.79E-08	6.24E-09
2276	494411.06, 3859951.99	4.38E-03	6.90E-07	2.40E-07	2.14E-04	3.37E-08	1.17E-08	4.42E-03	6.96E-07	2.42E-07	2.47E-04	3.90E-08	1.36E-08	4.48E-03	7.06E-07	2.46E-07	1.13E-04	1.78E-08	6.20E-09
2277	494461.06, 3859951.99	4.33E-03	6.83E-07	2.38E-07	2.13E-04	3.36E-08	1.17E-08	4.37E-03	6.89E-07	2.40E-07	2.46E-04	3.88E-08	1.35E-08	4.44E-03	6.99E-07	2.43E-07	1.12E-04	1.77E-08	6.17E-09
2278	494511.06, 3859951.99	4.31E-03	6.78E-07	2.36E-07	2.12E-04	3.35E-08	1.17E-08	4.34E-03	6.84E-07	2.38E-07	2.45E-04	3.87E-08	1.35E-08	4.41E-03	6.94E-07	2.42E-07	1.12E-04	1.77E-08	6.15E-09
2279	494561.06, 3859951.99	4.32E-03	6.81E-07	2.37E-07	2.13E-04	3.35E-08	1.17E-08	4.36E-03	6.86E-07	2.39E-07	2.46E-04	3.87E-08	1.35E-08	4.42E-03	6.97E-07	2.43E-07	1.12E-04	1.77E-08	6.16E-09
2280	494611.06, 3859951.99	4.23E-03	6.67E-07	2.32E-07	2.11E-04	3.32E-08	1.16E-08	4.27E-03	6.73E-07	2.34E-07	2.44E-04	3.84E-08	1.34E-08	4.33E-03	6.83E-07	2.38E-07	1.11E-04	1.75E-08	6.11E-09
2281	494661.06, 3859951.99	4.23E-03	6.66E-07	2.32E-07	2.11E-04	3.32E-08	1.16E-08	4.26E-03	6.71E-07	2.34E-07	2.44E-04	3.84E-08	1.34E-08	4.32E-03	6.81E-07	2.37E-07	1.11E-04	1.75E-08	6.11E-09
2282	494711.06, 3859951.99	4.15E-03	6.53E-07	2.28E-07	2.09E-04	3.30E-08	1.15E-08	4.18E-03	6.59E-07	2.30E-07	2.42E-04	3.81E-08	1.33E-08	4.24E-03	6.68E-07	2.33E-07	1.10E-04	1.74E-08	6.06E-09
2283	494761.06, 3859951.99	4.12E-03	6.49E-07	2.26E-07	2.09E-04	3.29E-08	1.14E-08	4.15E-03	6.55E-07	2.28E-07	2.41E-04	3.80E-08	1.32E-08	4.21E-03	6.64E-07	2.31E-07	1.10E-04	1.73E-08	6.04E-09
2284	494811.06, 3859951.99	4.09E-03	6.44E-07	2.24E-07	2.08E-04	3.27E-08	1.14E-08	4.12E-03	6.49E-07	2.26E-07	2.40E-04	3.78E-08	1.32E-08	4.18E-03	6.58E-07	2.29E-07	1.10E-04	1.73E-08	6.02E-09
2285	494861.06, 3859951.99	4.07E-03	6.40E-07	2.23E-07	2.07E-04	3.26E-08	1.14E-08	4.10E-03	6.46E-07	2.25E-07	2.39E-04	3.77E-08	1.31E-08	4.16E-03	6.55E-07	2.28E-07	1.09E-04	1.72E-08	6.00E-09
2286	494911.06, 3859951.99	4.01E-03	6.32E-07	2.20E-07	2.06E-04	3.25E-08	1.13E-08	4.05E-03	6.38E-07	2.22E-07	2.38E-04	3.76E-08	1.31E-08	4.10E-03	6.46E-07	2.25E-07	1.09E-04	1.72E-08	5.98E-09
2287	494961.06, 3859951.99	3.97E-03	6.25E-07	2.18E-07	2.06E-04	3.24E-08	1.13E-08	4.00E-03	6.30E-07	2.20E-07	2.38E-04	3.74E-08	1.30E-08	4.05E-03	6.38E-07	2.22E-07	1.09E-04	1.71E-08	5.96E-09
2288	495011.06, 3859951.99	3.92E-03	6.18E-07	2.15E-07	2.05E-04	3.23E-08	1.12E-08	3.96E-03	6.23E-07	2.17E-07	2.37E-04	3.73E-08	1.30E-08	4.01E-03	6.31E-07	2.20E-07	1.08E-04	1.70E-08	5.93E-09
2289	495061.06, 3859951.99	3.89E-03	6.12E-07	2.13E-07	2.04E-04	3.21E-08	1.12E-08	3.92E-03	6.18E-07	2.15E-07	2.36E-04	3.71E-08	1.29E-08	3.97E-03	6.25E-07	2.18E-07	1.08E-04	1.70E-08	5.91E-09
2290	495111.06, 3859951.99	3.84E-03	6.05E-07	2.11E-07	2.03E-04	3.20E-08	1.12E-08	3.87E-03	6.10E-07	2.12E-07	2.35E-04	3.70E-08	1.29E-08	3.92E-03	6.17E-07	2.15E-07	1.07E-04	1.69E-08	5.89E-09
2291	495161.06, 3859951.99	3.79E-03	5.97E-07	2.08E-07	2.02E-04	3.19E-08	1.11E-08	3.82E-03	6.03E-07	2.10E-07	2.34E-04	3.69E-08	1.28E-08	3.87E-03	6.09E-07	2.12E-07	1.07E-04	1.68E-08	5.87E-09
2292	495211.06, 3859951.99	3.74E-03	5.90E-07	2.06E-07	2.02E-04	3.18E-08	1.11E-08	3.78E-03	5.95E-07	2.07E-07	2.33E-04	3.67E-08	1.28E-08	3.82E-03	6.02E-07	2.10E-07	1.07E-04	1.68E-08	5.85E-09
2293	495261.06, 3859951.99	3.71E-03	5.84E-07	2.03E-07	2.01E-04	3.17E-08	1.10E-08	3.74E-03	5.89E-07	2.05E-07	2.32E-04	3.66E-08	1.27E-08	3.78E-03	5.96E-07	2.08E-07	1.06E-04	1.67E-08	5.83E-09
2294	495311.06, 3859951.99	3.68E-03	5.80E-07	2.02E-07	2.01E-04	3.16E-08	1.10E-08	3.72E-03	5.86E-07	2.04E-07	2.32E-04	3.65E-08	1.27E-08	3.76E-03	5.92E-07	2.06E-07	1.06E-04	1.67E-08	5.81E-09
2295	495361.06, 3859951.99	3.65E-03	5.75E-07	2.00E-07	2.00E-04	3.15E-08	1.10E-08	3.69E-03	5.81E-07	2.02E-07	2.31E-04	3.64E-08	1.27E-08	3.72E-03	5.87E-07	2.04E-07	1.06E-04	1.66E-08	5.80E-09
2296	495411.06, 3859951.99	3.61E-03	5.68E-07	1.98E-07	1.99E-04	3.14E-08	1.09E-08	3.64E-03	5.74E-07	2.00E-07	2.30E-04	3.62E-08	1.26E-08	3.68E-03	5.79E-07	2.02E-07	1.05E-04	1.66E-08	5.77E-09
2297	495461.06, 3859951.99	3.57E-03	5.62E-07	1.96E-07	1.98E-04	3.13E-08	1.09E-08	3.60E-03	5.68E-07	1.98E-07	2.29E-04	3.61E-08	1.26E-08	3.64E-03	5.73E-07	2.00E-07	1.05E-04	1.65E-08	5.75E-09
2298	495511.06, 3859951.99	3.53E-03	5.56E-07	1.94E-07	1.98E-04	3.12E-08	1.09E-08	3.56E-03	5.61E-07	1.96E-07	2.28E-04	3.60E-08	1.25E-08	3.60E-03	5.66E-07	1.97E-07	1.04E-04	1.65E-08	5.74E-09
2299	495561.06, 3859951.99	3.51E-03	5.53E-07	1.93E-07	1.97E-04	3.11E-08	1.08E-08	3.55E-03	5.59E-07	1.95E-07	2.28E-04	3.59E-08	1.25E-08	3.58E-03	5.64E-07	1.96E-07	1.04E-04	1.64E-08	5.72E-09
2300	495611.06, 3859951.99	3.47E-03	5.47E-07	1.91E-07	1.97E-04	3.10E-08	1.08E-08	3.50E-03	5.52E-07	1.92E-07	2.27E-04	3.58E-08	1.25E-08	3.53E-03	5.57E-07	1.94E-07	1.04E-04	1.64E-08	5.70E-09
2301	495661.06, 3859951.99	3.42E-03	5.39E-07	1.88E-07	1.96E-04	3.08E-08	1.07E-08	3.46E-03	5.45E-07	1.90E-07	2.26E-04	3.56E-08	1.24E-08	3.49E-03	5.49E-07	1.91E-07	1.03E-04	1.63E-08	5.68E-09
2302	494311.06, 3860001.99	4.50E-03	7.10E-07	2.47E-07	2.13E-04	3.36E-08	1.17E-08	4.54E-03	7.15E-07	2.49E-07	2.47E-04	3.88E-08	1.35E-08	4.62E-03	7.27E-07	2.53E-07	1.13E-04	1.77E-08	6.18E-09
2303	494361.06, 3860001.99	4.46E-03	7.02E-07	2.45E-07	2.12E-04	3.35E-08	1.17E-08	4.49E-03	7.08E-07	2.47E-07	2.46E-04	3.87E-08	1.35E-08	4.57E-03	7.19E-07	2.51E-07	1.12E-04	1.77E-08	6.15E-09
2304	494411.06, 3860001.99	4.39E-03	6.91E-07	2.41E-07	2.12E-04	3.33E-08	1.16E-08	4.42E-03	6.97E-07	2.43E-07	2.45E-04	3.85E-08	1.34E-08	4.49E-03	7.08E-07	2.47E-07	1.12E-04	1.76E-08	6.13E-09
2305	494461.06, 3860001.99	4.35E-03	6.86E-07	2.39E-07	2.11E-04	3.32E-08	1.16E-08	4.39E-03	6.91E-07	2.41E-07	2.44E-04	3.84E-08	1.34E-08	4.46E-03	7.02E-07	2.45E-07	1.11E-04	1.75E-08	6.11E-09
2306	494511.06, 3860001.99	4.30E-03	6.77E-07	2.36E-07	2.10E-04	3.31E-08	1.15E-08	4.34E-03	6.83E-07	2.38E-07	2.43E-04	3.83E-08	1.33E-08	4.40E-03	6.94E-07	2.42E-07	1.11E-04	1.75E-08	6.09E-09
2307	494561.06, 3860001.99	4.33E-03	6.83E-07	2.38E-07	2.09E-04	3.30E-08	1.15E-08	4.37E-03	6.88E-07	2.40E-07	2.42E-04	3.81E-08	1.33E-08	4.44E-03	6.99E-07	2.44E-07	1.11E-04	1.74E-08	6.07E-09
2308	494611.06, 3860001.99	4.28E-03	6.74E-07	2.35E-07	2.09E-04	3.29E-08	1.15E-08	4.31E-03	6.79E-07	2.37E-07	2.41E-04	3.80E-08	1.32E-08	4.38E-03	6.90E-07	2.40E-07	1.10E-04	1.73E-08	6.04E-09
2309	494661.06, 3860001.99	4.24E-03	6.68E-07	2.33E-07	2.08E-04	3.28E-08	1.14E-08	4.28E-03	6.74E-07	2.35E-07	2.40E-04	3.79E-08	1.32E-08	4.34E-03	6.84E-07	2.38E-07	1.10E-04	1.73E-08	6.02E-09
2310	494711.06, 3860001.99	4.14E-03	6.52E-07	2.27E-07	2.06E-04	3.25E-08	1.13E-08	4.17E-03	6.57E-07	2.29E-07	2.39E-04	3.76E-08	1.31E-08	4.23E-03	6.67E-07	2.32E-07	1.09E-04	1.72E-08	5.98E-09
2311	494761.06, 3860001.99	4.14E-03	6.52E-07	2.27E-07	2.06E-04	3.25E-08	1.13E-08	4.17E-03	6.58E-07	2.29E-07	2.39E-04	3.76E-08	1.31E-08	4.24E-03	6.67E-07	2.32E-07	1.09E-04	1.72E-08	5.98E-09
2312	494811.06, 3860001.99	4.11E-03	6.48E-07	2.26E-07	2.06E-04	3.24E-08	1.13E-08	4.15E-03	6.53E-07	2.28E-07	2.38E-04	3.75E-08	1.31E-08	4.21E-03	6.63E-07	2.31E-07	1.09E-04	1.71E-08	5.96E-09
2313	494861.06, 3860001.99	4.09E-03	6.44E-07	2.24E-07	2.05E-04	3.23E-08	1.13E-08	4.12E-03	6.50E-07	2.26E-07	2.37E-04	3.73E-08	1.30E-08	4.18E-03	6.59E-07	2.30E-07	1.08E-04	1.71E-08	5.94E-09
2314	494911.06, 3860001.99	4.00E-03	6.30E-07	2.19E-07	2.03E-04	3.21E-08	1.12E-08	4.03E-03	6.35E-07	2.21E-07	2.35E-04	3.70E-08	1.29E-08	4.09E-03	6.44E-07	2.24E-07	1.07E-04	1.69E-08	5.89E-09
2315	494961.06, 3860001.99	3.97E-03	6.26E-07	2.18E-07	2.03E-04	3.20E-08	1.11E-08	4.01E-03	6.31E-07	2.20E-07	2.34E-04	3.69E-08	1.29E-08	4.06E-03	6.40E-07	2.23E-07	1.07E-04	1.69E-08	5.88E-09
2316	495011.06, 3860001.99	3.93E-03	6.18E-07	2.15E-07	2.02E-04	3.18E-08	1.11E-08	3.96E-03	6.24E-07	2.17E-07	2.33E-04	3.68E-08	1.28E-08	4.01E-03	6.32E-07	2.20E-07	1.07E-04	1.68E-08	5.85E-09
2317	495061.06, 3860001.99	3.90E-03	6.15E-07	2.14E-07	2.01E-04	3.17E-08	1.11E-08	3.94E-03	6.20E-07	2.16E-07	2.33E-04	3.67E-08	1.28E-08	3.99E-03	6.28E-07	2.19E-07	1.06E-04	1.68E-08	5.84E-09
2318	495111.06, 3860001.99	3.86E-03	6.07E-07	2.12E-07	2.01E-04	3.16E-08	1.10E-08	3.89E-03	6.13E-07	2.13E-07	2.32E-04	3.65E-08	1.27E-08	3.94E-03	6.20E-07	2.16E-07	1.06E-04	1.67E-08	5.81E-09
2319	495161.06, 3860001.99	3.81E-03	6.00E-07	2.09E-07	2.00E-04	3.15E-08	1.10E-08	3.84E-03	6.05E-07	2.11E-07	2.31E-04	3.64E-08	1.27E-08	3.89E-03	6.13E-07	2.13E-07	1.06E-04	1.66E-08	5.79E-09
2320	495211.06, 3860001.99	3.79E-03	5.96E-07	2.08E-07	1.99E-04	3.14E-08	1.09E-08	3.82E-03	6.02E-07	2.10E-07	2.30E-04	3.63E-08	1.26E-08	3.86E-03	6.09E-07	2.12E-07	1.05E-04	1.66E-08	5.78E-09
2321	495261.06, 3860001.99	3.74E-03	5.89E-07	2.05E-07	1.99E-04	3.13E-08	1.09E-08	3.78E-03	5.95E-07	2.07E-07	2.29E-04	3.61E-08	1.26E-08	3.82E-03	6.02E-07	2.10E-07	1.05E-04	1.65E-08	5.75E-09
2322	495311.06, 3860001.99	3.71E-03	5.84E-07	2.04E-07	1.98E-04	3.12E-08	1.09E-08	3.74E-03	5.90E-07	2.05E-07	2.29E-04	3.60E-08	1.26E-08	3.79E-03	5.96E-07	2.08E-07	1.05E-04	1.65E-08	5.74E-09
2323	495361.06, 3860001.99	3.65E-03	5.75E-07	2.00E-07	1.97E-04	3.10E-08	1.08E-08	3.68E-03	5.80E-07	2.02E-07	2.28E-04	3.59E-08	1.25E-08	3.72E-03	5.86E-07	2.04E-07	1.04E-04	1.64E-08	5.71E-09
2324	495411.06, 3860001.99	3.63E-03	5.72E-07	1.99E-07	1.97E-04	3.10E-08	1.08E-08	3.67E-03	5.78E-07	2.01E-07	2.27E-04	3.58E-08	1.25E-08	3.71E-03	5.84E-07	2.03E-07	1.04E-04	1.64E-08	5.70E-09
2325	495461.06, 3860001.99	3.60E-03	5.67E-07	1.97E-07	1.96E-04	3.09E-08	1.08E-08	3.63E-03	5.72E-07	1.99E-07	2.26E-04	3.57E-08	1.24E-08	3.67E-03	5.78E-07	2.01E-07	1.03E-04	1.63E-08	5.68E-09
2326	495511.06, 3860001.99	3.56E-03	5.61E-07	1.95E-07	1.95E-04	3.08E-08	1.07E-08	3.59E-03	5.66E-07	1.97E-07	2.26E-04	3.56E-08	1.24E-08	3.63E-03	5.72E-07	1.99E-07	1.03E-04	1.63E-08	5.66E-09
2327	495561.06, 3860001.99	3.54E-03	5.57E-07	1.94E-07	1.95E-04	3.07E-08	1.07E-08	3.57E-03	5.63E-07	1.96E-07	2.25E-04	3.55E-08	1.24E-08	3.61E-03	5.68E-07	1.98E-07	1.03E-04	1.62E-08	5.65E-09
2328	495611.06, 3860001.99	3.49E-03	5.50E-07	1.92E-07	1.94E-04	3.06E-08	1.07E-08	3.53E-03	5.56E-07	1.94E-07	2.24E-04	3.53E-08	1.23E-08	3.56E-03	5.61E-07	1.95E-07	1.03E-04	1.61E-08	5.63E-09
2329	495661.06, 3860001.99	3.45E-03	5.44E-07	1.89E-07	1.93E-04	3.05E-08	1.06E-08	3.48E-03	5.49E-07	1.91E-07	2.23E-04	3.52E-08	1.23E-08	3.52E-03	5.54E-07	1.93E-07	1.02E-04	1.61E-08	5.61E-09
2330	494411.06, 3860051.99	4.41E-03	6.94E-07	2.42E-07	2.09E-04	3.29E-08	1.15E-08	4.44E-03	7.00E-07	2.44E-07	2.41E-04	3.80E-08	1.32E-08	4.51E-03	7.11E-07	2.48E-07	1.10E-04	1.73E-08	6.04E-09
2331	494461.06, 3860051.99	4.36E-03	6.87E-07	2.39E-07	2.08E-04	3.28E-08	1.14E-08	4.39E-03	6.92E-07	2.41E-07	2.40E-04	3.79E-08	1.32E-08	4.47E-03	7.03E-07	2.45E-07	1.10E-04	1.73E-08	6.02E-09
2332	494511.06, 3860051.99	4.32E-03	6.80E-07	2.37E-07	2.07E-04	3.26E-08	1.14E-08	4.35E-03	6.85E-07	2.39E-07	2.39E-04	3.77E-08	1.31E-08	4.42E-03	6.96E-07	2.43E-07	1.09E-04	1.72E-08	6.00E-09
2333	494561.06, 3860051.99	4.31E-03	6.80E-07	2.37E-07	2.06E-04	3.25E-08	1.13E-08	4.35E-03	6.85E-07	2.39E-07	2.39E-04	3.76E-08	1.31E-08	4.42E-03	6.96E-07	2.43E-07	1.09E-04	1.72E-08	5.98E-09
2334	494611.06, 3860051.99	4.29E-03	6.75E-07	2.35E-07	2.06E-04	3.24E-08	1.13E-08	4.32E-03	6.81E-07	2.37E-07	2.38E-04	3.74E-08	1.30E-08	4.39E-03	6.92E-07	2.41E-07	1.09E-04	1.71E-08	5.95E-09
2335	494661.06, 3860051.99	4.25E-03	6.70E-07	2.33E-07	2.05E-04	3.23E-08	1.12E-08	4.29E-03	6.76E-07	2.35E-07	2.37E-04	3.73E-08	1.30E-08	4.36E-03	6.86E-07	2.39E-07	1.08E-04	1.70E-08	5.93E-09
2336	494711.06, 3860051.99	4.18E-03	6.59E-07	2.30E-07	2.04E-04	3.22E-08	1.12E-08	4.22E-03	6.64E-07	2.31E-07	2.36E-04	3.72E-08	1.30E-08	4.28E-03	6.75E-07	2.35E-07	1.08E-04	1.70E-08	5.91E-09
2337	494761.06, 3860051.99	4.15E-03	6.54E-07	2.28E-07	2.04E-04	3.21E-08	1.12E-08	4.19E-03	6.60E-07	2.30E-07	2.35E-04	3.70E-08	1.29E-08	4.25E-03	6.70E-07	2.33E-07	1.07E-04	1.69E-08	5.89E-09
2338	494811.06, 3860051.99	4.14E-03	6.52E-07	2.27E-07	2.03E-04	3.20E-08	1.11E-08	4.17E-03	6.58E-07	2.29E-07	2.34E-04	3.69E-08	1.29E-08	4.24E-03	6.68E-07	2.33E-07	1.07E-04	1.69E-08	5.87E-09
2339	494861.06, 3860051.99	4.12E-03	6.49E-07	2.26E-07	2.02E-04	3.18E-08	1.11E-08	4.15E-03	6.55E-07	2.28E-07	2.34E-04	3.68E-08	1.28E-08	4.22E-03	6.64E-07	2.31E-07	1.07E-04	1.68E-08	5.85E-09
2340	494911.06, 3860051.99	4.06E-03	6.40E-07	2.23E-07	2.01E-04	3.17E-08	1.11E-08	4.10E-03	6.46E-07	2.25E-07	2.33E-04	3.67E-08	1.28E-08	4.16E-03	6.55E-07	2.28E-07	1.06E-04	1.67E-08	5.83E-09
2341	494961.06, 3860051.99	4.01E-03	6.31E-07	2.20E-07	2.01E-04	3.16E-08	1.10E-08	4.04E-03	6.36E-07	2.22E-07	2.32E-04	3.65E-08	1.27E-08	4.10E-03	6.46E-07	2.25E-07	1.06E-04	1.67E-08	5.81E-09

2342	495011.06, 3860051.99	3.96E-03	6.23E-07	2.17E-07	2.00E-04	3.15E-08	1.10E-08	3.99E-03	6.28E-07	2.19E-07	2.31E-04	3.64E-08	1.27E-08	4.04E-03	6.37E-07	2.22E-07	1.06E-04	1.66E-08	5.79E-09
2343	495061.06, 3860051.99	3.91E-03	6.17E-07	2.15E-07	1.99E-04	3.14E-08	1.09E-08	3.95E-03	6.22E-07	2.17E-07	2.30E-04	3.63E-08	1.26E-08	4.00E-03	6.30E-07	2.20E-07	1.05E-04	1.66E-08	5.78E-09
2344	495111.06, 3860051.99	3.86E-03	6.08E-07	2.12E-07	1.99E-04	3.13E-08	1.09E-08	3.89E-03	6.14E-07	2.14E-07	2.30E-04	3.62E-08	1.26E-08	3.95E-03	6.22E-07	2.17E-07	1.05E-04	1.65E-08	5.76E-09
2345	495161.06, 3860051.99	3.82E-03	6.02E-07	2.10E-07	1.97E-04	3.11E-08	1.08E-08	3.86E-03	6.07E-07	2.12E-07	2.28E-04	3.59E-08	1.25E-08	3.91E-03	6.15E-07	2.14E-07	1.04E-04	1.64E-08	5.72E-09
2346	495211.06, 3860051.99	3.78E-03	5.95E-07	2.07E-07	1.97E-04	3.10E-08	1.08E-08	3.81E-03	6.00E-07	2.09E-07	2.27E-04	3.58E-08	1.25E-08	3.86E-03	6.08E-07	2.12E-07	1.04E-04	1.63E-08	5.70E-09
2347	495261.06, 3860051.99	3.75E-03	5.90E-07	2.06E-07	1.96E-04	3.09E-08	1.08E-08	3.78E-03	5.96E-07	2.07E-07	2.26E-04	3.57E-08	1.24E-08	3.83E-03	6.03E-07	2.10E-07	1.03E-04	1.63E-08	5.68E-09
2348	495311.06, 3860051.99	3.72E-03	5.86E-07	2.04E-07	1.95E-04	3.08E-08	1.07E-08	3.75E-03	5.92E-07	2.06E-07	2.26E-04	3.56E-08	1.24E-08	3.80E-03	5.99E-07	2.09E-07	1.03E-04	1.62E-08	5.66E-09
2349	495361.06, 3860051.99	3.69E-03	5.81E-07	2.02E-07	1.95E-04	3.07E-08	1.07E-08	3.72E-03	5.86E-07	2.04E-07	2.25E-04	3.55E-08	1.24E-08	3.77E-03	5.93E-07	2.07E-07	1.03E-04	1.62E-08	5.64E-09
2350	495411.06, 3860051.99	3.65E-03	5.76E-07	2.01E-07	1.94E-04	3.06E-08	1.07E-08	3.69E-03	5.81E-07	2.02E-07	2.24E-04	3.53E-08	1.23E-08	3.73E-03	5.88E-07	2.05E-07	1.02E-04	1.61E-08	5.62E-09
2351	495461.06, 3860051.99	3.62E-03	5.70E-07	1.98E-07	1.93E-04	3.05E-08	1.06E-08	3.65E-03	5.75E-07	2.00E-07	2.23E-04	3.52E-08	1.23E-08	3.69E-03	5.81E-07	2.03E-07	1.02E-04	1.61E-08	5.60E-09
2352	495511.06, 3860051.99	3.59E-03	5.65E-07	1.97E-07	1.93E-04	3.04E-08	1.06E-08	3.62E-03	5.70E-07	1.99E-07	2.23E-04	3.51E-08	1.22E-08	3.66E-03	5.77E-07	2.01E-07	1.02E-04	1.60E-08	5.59E-09
2353	495561.06, 3860051.99	3.55E-03	5.60E-07	1.95E-07	1.92E-04	3.03E-08	1.06E-08	3.59E-03	5.65E-07	1.97E-07	2.22E-04	3.50E-08	1.22E-08	3.63E-03	5.71E-07	1.99E-07	1.02E-04	1.60E-08	5.57E-09
2354	495611.06, 3860051.99	3.52E-03	5.54E-07	1.93E-07	1.92E-04	3.02E-08	1.05E-08	3.55E-03	5.59E-07	1.95E-07	2.21E-04	3.49E-08	1.21E-08	3.59E-03	5.65E-07	1.97E-07	1.01E-04	1.59E-08	5.55E-09
2355	495661.06, 3860051.99	3.47E-03	5.46E-07	1.90E-07	1.91E-04	3.01E-08	1.05E-08	3.50E-03	5.52E-07	1.92E-07	2.21E-04	3.47E-08	1.21E-08	3.54E-03	5.57E-07	1.94E-07	1.01E-04	1.59E-08	5.53E-09
2356	494411.06, 3860101.99	4.38E-03	6.89E-07	2.40E-07	2.06E-04	3.24E-08	1.13E-08	4.41E-03	6.95E-07	2.42E-07	2.38E-04	3.74E-08	1.30E-08	4.49E-03	7.07E-07	2.46E-07	1.08E-04	1.71E-08	5.95E-09
2357	494461.06, 3860101.99	4.37E-03	6.88E-07	2.40E-07	2.05E-04	3.23E-08	1.12E-08	4.40E-03	6.94E-07	2.42E-07	2.37E-04	3.73E-08	1.30E-08	4.48E-03	7.05E-07	2.46E-07	1.08E-04	1.70E-08	5.93E-09
2358	494511.06, 3860101.99	4.30E-03	6.78E-07	2.36E-07	2.04E-04	3.22E-08	1.12E-08	4.34E-03	6.83E-07	2.38E-07	2.36E-04	3.72E-08	1.30E-08	4.41E-03	6.95E-07	2.42E-07	1.08E-04	1.70E-08	5.91E-09
2359	494561.06, 3860101.99	4.28E-03	6.74E-07	2.35E-07	2.03E-04	3.21E-08	1.12E-08	4.32E-03	6.80E-07	2.37E-07	2.35E-04	3.70E-08	1.29E-08	4.39E-03	6.91E-07	2.41E-07	1.07E-04	1.69E-08	5.89E-09
2360	494611.06, 3860101.99	4.28E-03	6.74E-07	2.35E-07	2.03E-04	3.19E-08	1.11E-08	4.31E-03	6.79E-07	2.37E-07	2.34E-04	3.69E-08	1.29E-08	4.38E-03	6.91E-07	2.41E-07	1.07E-04	1.68E-08	5.87E-09
2361	494661.06, 3860101.99	4.25E-03	6.70E-07	2.33E-07	2.02E-04	3.18E-08	1.11E-08	4.28E-03	6.75E-07	2.35E-07	2.33E-04	3.68E-08	1.28E-08	4.35E-03	6.86E-07	2.39E-07	1.07E-04	1.68E-08	5.85E-09
2362	494711.06, 3860101.99	4.19E-03	6.60E-07	2.30E-07	2.01E-04	3.17E-08	1.10E-08	4.22E-03	6.65E-07	2.32E-07	2.33E-04	3.67E-08	1.28E-08	4.29E-03	6.76E-07	2.36E-07	1.06E-04	1.67E-08	5.83E-09
2363	494761.06, 3860101.99	4.16E-03	6.55E-07	2.28E-07	2.01E-04	3.16E-08	1.10E-08	4.19E-03	6.61E-07	2.30E-07	2.32E-04	3.65E-08	1.27E-08	4.26E-03	6.71E-07	2.34E-07	1.06E-04	1.67E-08	5.81E-09
2364	494811.06, 3860101.99	4.13E-03	6.51E-07	2.27E-07	2.00E-04	3.15E-08	1.10E-08	4.17E-03	6.56E-07	2.29E-07	2.31E-04	3.64E-08	1.27E-08	4.23E-03	6.66E-07	2.32E-07	1.05E-04	1.66E-08	5.79E-09
2365	494861.06, 3860101.99	4.15E-03	6.53E-07	2.28E-07	1.99E-04	3.14E-08	1.09E-08	4.18E-03	6.59E-07	2.29E-07	2.30E-04	3.62E-08	1.26E-08	4.25E-03	6.69E-07	2.33E-07	1.05E-04	1.65E-08	5.76E-09
2366	494911.06, 3860101.99	4.04E-03	6.37E-07	2.22E-07	1.99E-04	3.13E-08	1.09E-08	4.08E-03	6.42E-07	2.24E-07	2.29E-04	3.61E-08	1.26E-08	4.14E-03	6.52E-07	2.27E-07	1.05E-04	1.65E-08	5.75E-09
2367	494961.06, 3860101.99	4.01E-03	6.31E-07	2.20E-07	1.98E-04	3.12E-08	1.09E-08	4.04E-03	6.37E-07	2.22E-07	2.29E-04	3.60E-08	1.26E-08	4.10E-03	6.46E-07	2.25E-07	1.04E-04	1.64E-08	5.73E-09
2368	495011.06, 3860101.99	3.96E-03	6.24E-07	2.17E-07	1.97E-04	3.11E-08	1.08E-08	3.99E-03	6.29E-07	2.19E-07	2.28E-04	3.59E-08	1.25E-08	4.05E-03	6.38E-07	2.22E-07	1.04E-04	1.64E-08	5.71E-09
2369	495061.06, 3860101.99	3.91E-03	6.17E-07	2.15E-07	1.97E-04	3.10E-08	1.08E-08	3.95E-03	6.22E-07	2.17E-07	2.27E-04	3.58E-08	1.25E-08	4.00E-03	6.31E-07	2.20E-07	1.04E-04	1.63E-08	5.69E-09
2370	495111.06, 3860101.99	3.86E-03	6.08E-07	2.12E-07	1.96E-04	3.09E-08	1.08E-08	3.89E-03	6.13E-07	2.14E-07	2.26E-04	3.57E-08	1.24E-08	3.95E-03	6.22E-07	2.17E-07	1.03E-04	1.63E-08	5.67E-09
2371	495161.06, 3860101.99	3.83E-03	6.04E-07	2.10E-07	1.95E-04	3.08E-08	1.07E-08	3.86E-03	6.09E-07	2.12E-07	2.26E-04	3.55E-08	1.24E-08	3.92E-03	6.17E-07	2.15E-07	1.03E-04	1.62E-08	5.65E-09
2372	495211.06, 3860101.99	3.79E-03	5.98E-07	2.08E-07	1.95E-04	3.07E-08	1.07E-08	3.83E-03	6.03E-07	2.10E-07	2.25E-04	3.54E-08	1.23E-08	3.88E-03	6.11E-07	2.13E-07	1.03E-04	1.62E-08	5.64E-09
2373	495261.06, 3860101.99	3.76E-03	5.92E-07	2.06E-07	1.94E-04	3.06E-08	1.06E-08	3.79E-03	5.97E-07	2.08E-07	2.24E-04	3.53E-08	1.23E-08	3.84E-03	6.05E-07	2.11E-07	1.02E-04	1.61E-08	5.62E-09
2374	495311.06, 3860101.99	3.72E-03	5.87E-07	2.04E-07	1.93E-04	3.05E-08	1.06E-08	3.76E-03	5.92E-07	2.06E-07	2.23E-04	3.52E-08	1.23E-08	3.81E-03	5.99E-07	2.09E-07	1.02E-04	1.61E-08	5.60E-09
2375	495361.06, 3860101.99	3.70E-03	5.83E-07	2.03E-07	1.93E-04	3.04E-08	1.06E-08	3.73E-03	5.88E-07	2.05E-07	2.23E-04	3.51E-08	1.22E-08	3.78E-03	5.96E-07	2.07E-07	1.02E-04	1.60E-08	5.58E-09
2376	495411.06, 3860101.99	3.66E-03	5.77E-07	2.01E-07	1.92E-04	3.03E-08	1.05E-08	3.70E-03	5.82E-07	2.03E-07	2.22E-04	3.50E-08	1.22E-08	3.74E-03	5.90E-07	2.05E-07	1.01E-04	1.60E-08	5.57E-09
2377	495461.06, 3860101.99	3.61E-03	5.69E-07	1.98E-07	1.91E-04	3.01E-08	1.05E-08	3.65E-03	5.74E-07	2.00E-07	2.21E-04	3.47E-08	1.21E-08	3.69E-03	5.81E-07	2.03E-07	1.01E-04	1.59E-08	5.53E-09
2378	495511.06, 3860101.99	3.59E-03	5.66E-07	1.97E-07	1.90E-04	3.00E-08	1.04E-08	3.62E-03	5.71E-07	1.99E-07	2.20E-04	3.46E-08	1.21E-08	3.67E-03	5.78E-07	2.01E-07	1.00E-04	1.58E-08	5.51E-09
2379	495561.06, 3860101.99	3.57E-03	5.62E-07	1.96E-07	1.90E-04	2.99E-08	1.04E-08	3.60E-03	5.67E-07	1.98E-07	2.19E-04	3.46E-08	1.20E-08	3.64E-03	5.74E-07	2.00E-07	1.00E-04	1.58E-08	5.50E-09
2380	495611.06, 3860101.99	3.52E-03	5.55E-07	1.93E-07	1.89E-04	2.98E-08	1.04E-08	3.55E-03	5.60E-07	1.95E-07	2.18E-04	3.44E-08	1.20E-08	3.59E-03	5.66E-07	1.97E-07	9.98E-05	1.57E-08	5.48E-09
2381	495661.06, 3860101.99	3.49E-03	5.50E-07	1.91E-07	1.88E-04	2.97E-08	1.03E-08	3.52E-03	5.55E-07	1.93E-07	2.18E-04	3.43E-08	1.20E-08	3.56E-03	5.61E-07	1.95E-07	9.95E-05	1.57E-08	5.46E-09
2382	494861.06, 3860151.99	4.16E-03	6.55E-07	2.28E-07	1.96E-04	3.09E-08	1.08E-08	4.19E-03	6.61E-07	2.30E-07	2.26E-04	3.57E-08	1.24E-08	4.26E-03	6.72E-07	2.34E-07	1.03E-04	1.63E-08	5.67E-09
2383	494911.06, 3860151.99	4.05E-03	6.38E-07	2.22E-07	1.96E-04	3.08E-08	1.07E-08	4.09E-03	6.44E-07	2.24E-07	2.26E-04	3.56E-08	1.24E-08	4.15E-03	6.54E-07	2.28E-07	1.03E-04	1.63E-08	5.66E-09
2384	494961.06, 3860151.99	4.01E-03	6.32E-07	2.20E-07	1.95E-04	3.07E-08	1.07E-08	4.04E-03	6.37E-07	2.22E-07	2.25E-04	3.55E-08	1.24E-08	4.10E-03	6.47E-07	2.25E-07	1.03E-04	1.62E-08	5.64E-09
2385	495011.06, 3860151.99	3.96E-03	6.24E-07	2.17E-07	1.94E-04	3.06E-08	1.07E-08	3.99E-03	6.29E-07	2.19E-07	2.25E-04	3.54E-08	1.23E-08	4.06E-03	6.39E-07	2.23E-07	1.03E-04	1.61E-08	5.63E-09
2386	495061.06, 3860151.99	3.92E-03	6.17E-07	2.15E-07	1.94E-04	3.05E-08	1.06E-08	3.95E-03	6.22E-07	2.17E-07	2.24E-04	3.53E-08	1.23E-08	4.01E-03	6.31E-07	2.20E-07	1.02E-04	1.61E-08	5.61E-09
2387	495111.06, 3860151.99	3.88E-03	6.11E-07	2.13E-07	1.93E-04	3.04E-08	1.06E-08	3.91E-03	6.16E-07	2.15E-07	2.23E-04	3.52E-08	1.22E-08	3.97E-03	6.25E-07	2.18E-07	1.02E-04	1.60E-08	5.59E-09
2388	495161.06, 3860151.99	3.84E-03	6.05E-07	2.11E-07	1.92E-04	3.03E-08	1.06E-08	3.87E-03	6.10E-07	2.13E-07	2.22E-04	3.50E-08	1.22E-08	3.93E-03	6.19E-07	2.16E-07	1.02E-04	1.60E-08	5.57E-09
2389	495211.06, 3860151.99	3.80E-03	5.99E-07	2.09E-07	1.92E-04	3.02E-08	1.05E-08	3.83E-03	6.04E-07	2.10E-07	2.22E-04	3.49E-08	1.22E-08	3.89E-03	6.13E-07	2.13E-07	1.01E-04	1.59E-08	5.55E-09
2390	495261.06, 3860151.99	3.77E-03	5.94E-07	2.07E-07	1.91E-04	3.01E-08	1.05E-08	3.80E-03	5.99E-07	2.09E-07	2.21E-04	3.48E-08	1.21E-08	3.85E-03	6.07E-07	2.12E-07	1.01E-04	1.59E-08	5.54E-09
2391	495311.06, 3860151.99	3.74E-03	5.89E-07	2.05E-07	1.91E-04	3.00E-08	1.05E-08	3.77E-03	5.94E-07	2.07E-07	2.20E-04	3.47E-08	1.21E-08	3.82E-03	6.02E-07	2.10E-07	1.01E-04	1.58E-08	5.52E-09
2392	495361.06, 3860151.99	3.71E-03	5.84E-07	2.03E-07	1.90E-04	2.99E-08	1.04E-08	3.74E-03	5.89E-07	2.05E-07	2.20E-04	3.46E-08	1.21E-08	3.79E-03	5.97E-07	2.08E-07	1.00E-04	1.58E-08	5.50E-09
2393	495411.06, 3860151.99	3.67E-03	5.78E-07	2.02E-07	1.89E-04	2.98E-08	1.04E-08	3.70E-03	5.83E-07	2.03E-07	2.19E-04	3.45E-08	1.20E-08	3.75E-03	5.91E-07	2.06E-07	9.99E-05	1.57E-08	5.49E-09
2394	495461.06, 3860151.99	3.64E-03	5.73E-07	2.00E-07	1.89E-04	2.98E-08	1.04E-08	3.67E-03	5.78E-07	2.01E-07	2.18E-04	3.44E-08	1.20E-08	3.72E-03	5.86E-07	2.04E-07	9.96E-05	1.57E-08	5.47E-09
2395	495511.06, 3860151.99	3.60E-03	5.67E-07	1.98E-07	1.88E-04	2.97E-08	1.03E-08	3.63E-03	5.72E-07	1.99E-07	2.18E-04	3.43E-08	1.19E-08	3.68E-03	5.79E-07	2.02E-07	9.93E-05	1.56E-08	5.45E-09
2396	495561.06, 3860151.99	3.57E-03	5.63E-07	1.96E-07	1.88E-04	2.96E-08	1.03E-08	3.60E-03	5.68E-07	1.98E-07	2.17E-04	3.42E-08	1.19E-08	3.65E-03	5.74E-07	2.00E-07	9.90E-05	1.56E-08	5.44E-09
2397	495611.06, 3860151.99	3.53E-03	5.57E-07	1.94E-07	1.87E-04	2.95E-08	1.03E-08	3.57E-03	5.62E-07	1.96E-07	2.16E-04	3.41E-08	1.19E-08	3.61E-03	5.68E-07	1.98E-07	9.88E-05	1.56E-08	5.42E-09
2398	495661.06, 3860151.99	3.49E-03	5.50E-07	1.92E-07	1.87E-04	2.94E-08	1.02E-08	3.53E-03	5.55E-07	1.94E-07	2.16E-04	3.40E-08	1.18E-08	3.57E-03	5.62E-07	1.96E-07	9.85E-05	1.55E-08	5.40E-09
2399	495718.25, 3859442.96	2.97E-03	4.69E-07	1.63E-07	2.08E-04	3.27E-08	1.14E-08	3.01E-03	4.74E-07	1.65E-07	2.40E-04	3.78E-08	1.32E-08	3.00E-03	4.73E-07	1.65E-07	1.10E-04	1.73E-08	6.04E-09
2400	495818.25, 3859442.96	2.90E-03	4.57E-07	1.59E-07	2.05E-04	3.22E-08	1.12E-08	2.94E-03	4.63E-07	1.61E-07	2.36E-04	3.72E-08	1.30E-08	2.93E-03	4.61E-07	1.61E-07	1.08E-04	1.71E-08	5.95E-09
2401	495918.25, 3859442.96	2.85E-03	4.49E-07	1.56E-07	2.02E-04	3.19E-08	1.11E-08	2.89E-03	4.55E-07	1.58E-07	2.34E-04	3.68E-08	1.28E-08	2.87E-03	4.53E-07	1.58E-07	1.07E-04	1.69E-08	5.89E-09
2402	496018.25, 3859442.96	2.81E-03	4.42E-07	1.54E-07	2.01E-04	3.16E-08	1.10E-08	2.84E-03	4.47E-07	1.56E-07	2.32E-04	3.65E-08	1.27E-08	2.83E-03	4.45E-07	1.55E-07	1.06E-04	1.68E-08	5.84E-09
2403	496118.25, 3859442.96	2.82E-03	4.44E-07	1.55E-07	2.02E-04	3.18E-08	1.11E-08	2.85E-03	4.49E-07	1.56E-07	2.33E-04	3.67E-08	1.28E-08	2.84E-03	4.47E-07	1.56E-07	1.07E-04	1.69E-08	5.87E-09
2404	496218.25, 3859442.96	2.82E-03	4.44E-07	1.55E-07	2.03E-04	3.19E-08	1.11E-08	2.85E-03	4.49E-07	1.57E-07	2.34E-04	3.68E-08	1.28E-08	2.84E-03	4.47E-07	1.56E-07	1.07E-04	1.69E-08	5.89E-09
2405	496318.25, 3859442.96	2.78E-03	4.38E-07	1.53E-07	2.01E-04	3.17E-08	1.10E-08	2.81E-03	4.43E-07	1.54E-07	2.32E-04	3.66E-08	1.27E-08	2.80E-03	4.41E-07	1.54E-07	1.07E-04	1.68E-08	5.85E-09
2406	496418.25, 3859442.96	2.74E-03	4.31E-07	1.50E-07	2.00E-04	3.14E-08	1.10E-08	2.77E-03	4.37E-07	1.52E-07	2.31E-04	3.63E-08	1.27E-08	2.76E-03	4.34E-07	1.51E-07	1.06E-04	1.67E-08	5.81E-09
2407	495718.25, 3859542.96	3.07E-03	4.84E-07	1.69E-07	2.08E-04	3.27E-08	1.14E-08	3.11E-03	4.90E-07	1.71E-07	2.40E-04	3.78E-08	1.32E-08	3.11E-03	4.89E-07	1.70E-07	1.10E-04	1.73E-08	6.04E-09
2408	495818.25, 3859542.96	3.02E-03	4.75E-07	1.66E-07	2.05E-04	3.24E-08	1.13E-08	3.05E-03	4.81E-07	1.68E-07	2.37E-04	3.74E-08	1.30E-08	3.05E-03	4.80E-07	1.67E-07	1.09E-04	1.71E-08	5.97E-09

2409	495918.25, 3859542.96	2.95E-03	4.65E-07	1.62E-07	2.03E-04	3.20E-08	1.11E-08	2.98E-03	4.70E-07	1.64E-07	2.34E-04	3.69E-08	1.29E-08	2.98E-03	4.69E-07	1.63E-07	1.08E-04	1.69E-08	5.90E-09
2410	496018.25, 3859542.96	2.89E-03	4.56E-07	1.59E-07	2.01E-04	3.16E-08	1.10E-08	2.93E-03	4.61E-07	1.61E-07	2.32E-04	3.65E-08	1.27E-08	2.92E-03	4.60E-07	1.60E-07	1.06E-04	1.68E-08	5.84E-09
2411	496118.25, 3859542.96	2.90E-03	4.57E-07	1.59E-07	2.01E-04	3.17E-08	1.10E-08	2.93E-03	4.62E-07	1.61E-07	2.32E-04	3.66E-08	1.28E-08	2.93E-03	4.61E-07	1.61E-07	1.07E-04	1.68E-08	5.85E-09
2412	496218.25, 3859542.96	2.89E-03	4.55E-07	1.59E-07	2.01E-04	3.17E-08	1.10E-08	2.92E-03	4.61E-07	1.60E-07	2.32E-04	3.66E-08	1.27E-08	2.92E-03	4.59E-07	1.60E-07	1.07E-04	1.68E-08	5.85E-09
2413	496318.25, 3859542.96	2.87E-03	4.52E-07	1.57E-07	2.00E-04	3.16E-08	1.10E-08	2.90E-03	4.57E-07	1.59E-07	2.31E-04	3.65E-08	1.27E-08	2.89E-03	4.56E-07	1.59E-07	1.06E-04	1.67E-08	5.83E-09
2414	496418.25, 3859542.96	2.81E-03	4.43E-07	1.54E-07	1.98E-04	3.12E-08	1.09E-08	2.85E-03	4.48E-07	1.56E-07	2.29E-04	3.61E-08	1.26E-08	2.84E-03	4.47E-07	1.56E-07	1.05E-04	1.66E-08	5.77E-09
2415	495718.25, 3859642.96	3.16E-03	4.97E-07	1.73E-07	2.06E-04	3.24E-08	1.13E-08	3.19E-03	5.03E-07	1.75E-07	2.38E-04	3.75E-08	1.31E-08	3.19E-03	5.03E-07	1.75E-07	1.09E-04	1.72E-08	5.99E-09
2416	495818.25, 3859642.96	3.09E-03	4.86E-07	1.69E-07	2.04E-04	3.21E-08	1.12E-08	3.12E-03	4.92E-07	1.71E-07	2.35E-04	3.70E-08	1.29E-08	3.12E-03	4.92E-07	1.71E-07	1.08E-04	1.70E-08	5.92E-09
2417	495918.25, 3859642.96	3.04E-03	4.79E-07	1.67E-07	2.02E-04	3.18E-08	1.11E-08	3.08E-03	4.84E-07	1.69E-07	2.33E-04	3.68E-08	1.28E-08	3.08E-03	4.84E-07	1.69E-07	1.07E-04	1.69E-08	5.87E-09
2418	496018.25, 3859642.96	2.98E-03	4.70E-07	1.64E-07	2.00E-04	3.15E-08	1.10E-08	3.02E-03	4.75E-07	1.66E-07	2.31E-04	3.64E-08	1.27E-08	3.01E-03	4.75E-07	1.65E-07	1.06E-04	1.67E-08	5.81E-09
2419	496118.25, 3859642.96	3.00E-03	4.72E-07	1.64E-07	2.00E-04	3.16E-08	1.10E-08	3.03E-03	4.77E-07	1.66E-07	2.31E-04	3.64E-08	1.27E-08	3.03E-03	4.77E-07	1.66E-07	1.06E-04	1.67E-08	5.82E-09
2420	496218.25, 3859642.96	2.99E-03	4.71E-07	1.64E-07	2.00E-04	3.15E-08	1.10E-08	3.02E-03	4.76E-07	1.66E-07	2.31E-04	3.64E-08	1.27E-08	3.02E-03	4.76E-07	1.66E-07	1.06E-04	1.67E-08	5.81E-09
2421	496318.25, 3859642.96	2.94E-03	4.63E-07	1.61E-07	1.98E-04	3.12E-08	1.09E-08	2.97E-03	4.69E-07	1.63E-07	2.29E-04	3.61E-08	1.26E-08	2.97E-03	4.68E-07	1.63E-07	1.05E-04	1.65E-08	5.76E-09
2422	496418.25, 3859642.96	2.80E-03	4.40E-07	1.53E-07	1.93E-04	3.04E-08	1.06E-08	2.83E-03	4.45E-07	1.55E-07	2.23E-04	3.52E-08	1.22E-08	2.82E-03	4.44E-07	1.55E-07	1.02E-04	1.61E-08	5.62E-09
2423	495718.25, 3859742.96	3.26E-03	5.14E-07	1.79E-07	2.04E-04	3.21E-08	1.12E-08	3.30E-03	5.19E-07	1.81E-07	2.36E-04	3.71E-08	1.29E-08	3.31E-03	5.21E-07	1.81E-07	1.08E-04	1.70E-08	5.92E-09
2424	495818.25, 3859742.96	3.18E-03	5.01E-07	1.75E-07	2.02E-04	3.18E-08	1.11E-08	3.21E-03	5.06E-07	1.76E-07	2.33E-04	3.67E-08	1.28E-08	3.22E-03	5.08E-07	1.77E-07	1.07E-04	1.68E-08	5.86E-09
2425	495918.25, 3859742.96	3.12E-03	4.92E-07	1.71E-07	2.00E-04	3.15E-08	1.10E-08	3.15E-03	4.97E-07	1.73E-07	2.31E-04	3.64E-08	1.27E-08	3.16E-03	4.98E-07	1.73E-07	1.06E-04	1.67E-08	5.81E-09
2426	496018.25, 3859742.96	3.06E-03	4.82E-07	1.68E-07	1.98E-04	3.12E-08	1.09E-08	3.09E-03	4.87E-07	1.70E-07	2.29E-04	3.60E-08	1.26E-08	3.10E-03	4.88E-07	1.70E-07	1.05E-04	1.65E-08	5.75E-09
2427	496118.25, 3859742.96	3.06E-03	4.82E-07	1.68E-07	1.98E-04	3.11E-08	1.09E-08	3.09E-03	4.87E-07	1.70E-07	2.28E-04	3.60E-08	1.25E-08	3.10E-03	4.88E-07	1.70E-07	1.05E-04	1.65E-08	5.74E-09
2428	496218.25, 3859742.96	3.07E-03	4.84E-07	1.69E-07	1.98E-04	3.11E-08	1.09E-08	3.11E-03	4.89E-07	1.71E-07	2.28E-04	3.60E-08	1.25E-08	3.11E-03	4.90E-07	1.71E-07	1.05E-04	1.65E-08	5.74E-09
2429	496318.25, 3859742.96	2.94E-03	4.64E-07	1.62E-07	1.94E-04	3.06E-08	1.07E-08	2.98E-03	4.69E-07	1.63E-07	2.24E-04	3.53E-08	1.23E-08	2.98E-03	4.69E-07	1.63E-07	1.03E-04	1.62E-08	5.64E-09
2430	496418.25, 3859742.96	2.83E-03	4.46E-07	1.55E-07	1.91E-04	3.00E-08	1.05E-08	2.86E-03	4.51E-07	1.57E-07	2.20E-04	3.47E-08	1.21E-08	2.86E-03	4.51E-07	1.57E-07	1.01E-04	1.59E-08	5.54E-09
2431	495718.25, 3859842.96	3.34E-03	5.26E-07	1.83E-07	2.00E-04	3.15E-08	1.10E-08	3.37E-03	5.31E-07	1.85E-07	2.31E-04	3.64E-08	1.27E-08	3.39E-03	5.34E-07	1.86E-07	1.06E-04	1.67E-08	5.81E-09
2432	495818.25, 3859842.96	3.27E-03	5.15E-07	1.80E-07	1.99E-04	3.13E-08	1.09E-08	3.31E-03	5.21E-07	1.81E-07	2.30E-04	3.62E-08	1.26E-08	3.32E-03	5.23E-07	1.82E-07	1.05E-04	1.66E-08	5.77E-09
2433	495918.25, 3859842.96	3.21E-03	5.05E-07	1.76E-07	1.97E-04	3.11E-08	1.08E-08	3.24E-03	5.10E-07	1.78E-07	2.28E-04	3.59E-08	1.25E-08	3.25E-03	5.13E-07	1.79E-07	1.04E-04	1.64E-08	5.72E-09
2434	496018.25, 3859842.96	3.16E-03	4.99E-07	1.74E-07	1.96E-04	3.09E-08	1.07E-08	3.20E-03	5.04E-07	1.75E-07	2.26E-04	3.56E-08	1.24E-08	3.21E-03	5.06E-07	1.76E-07	1.04E-04	1.63E-08	5.69E-09
2435	496118.25, 3859842.96	3.18E-03	5.02E-07	1.75E-07	1.96E-04	3.08E-08	1.07E-08	3.22E-03	5.07E-07	1.77E-07	2.26E-04	3.56E-08	1.24E-08	3.23E-03	5.09E-07	1.77E-07	1.04E-04	1.63E-08	5.68E-09
2436	496218.25, 3859842.96	3.06E-03	4.82E-07	1.68E-07	1.93E-04	3.04E-08	1.06E-08	3.09E-03	4.87E-07	1.70E-07	2.23E-04	3.51E-08	1.22E-08	3.10E-03	4.89E-07	1.70E-07	1.02E-04	1.61E-08	5.60E-09
2437	496318.25, 3859842.96	2.84E-03	4.48E-07	1.56E-07	1.87E-04	2.95E-08	1.03E-08	2.87E-03	4.52E-07	1.58E-07	2.16E-04	3.40E-08	1.19E-08	2.87E-03	4.53E-07	1.58E-07	9.90E-05	1.56E-08	5.43E-09
2438	496418.25, 3859842.96	2.70E-03	4.25E-07	1.48E-07	1.82E-04	2.87E-08	1.00E-08	2.73E-03	4.30E-07	1.50E-07	2.10E-04	3.31E-08	1.15E-08	2.73E-03	4.30E-07	1.50E-07	9.65E-05	1.52E-08	5.29E-09
2439	495718.25, 3859942.96	3.39E-03	5.34E-07	1.86E-07	1.96E-04	3.08E-08	1.07E-08	3.42E-03	5.39E-07	1.88E-07	2.26E-04	3.56E-08	1.24E-08	3.45E-03	5.43E-07	1.89E-07	1.03E-04	1.63E-08	5.67E-09
2440	495818.25, 3859942.96	3.32E-03	5.23E-07	1.82E-07	1.94E-04	3.06E-08	1.07E-08	3.35E-03	5.28E-07	1.84E-07	2.24E-04	3.54E-08	1.23E-08	3.38E-03	5.32E-07	1.85E-07	1.03E-04	1.62E-08	5.64E-09
2441	495918.25, 3859942.96	3.27E-03	5.15E-07	1.79E-07	1.93E-04	3.04E-08	1.06E-08	3.30E-03	5.20E-07	1.81E-07	2.23E-04	3.51E-08	1.22E-08	3.32E-03	5.23E-07	1.82E-07	1.02E-04	1.61E-08	5.60E-09
2442	496018.25, 3859942.96	3.26E-03	5.14E-07	1.79E-07	1.92E-04	3.03E-08	1.06E-08	3.29E-03	5.19E-07	1.81E-07	2.22E-04	3.50E-08	1.22E-08	3.32E-03	5.22E-07	1.82E-07	1.02E-04	1.60E-08	5.58E-09
2443	496118.25, 3859942.96	3.16E-03	4.98E-07	1.73E-07	1.91E-04	3.00E-08	1.05E-08	3.19E-03	5.03E-07	1.75E-07	2.20E-04	3.47E-08	1.21E-08	3.21E-03	5.06E-07	1.76E-07	1.01E-04	1.59E-08	5.53E-09
2444	496218.25, 3859942.96	3.01E-03	4.74E-07	1.65E-07	1.88E-04	2.95E-08	1.03E-08	3.04E-03	4.79E-07	1.67E-07	2.17E-04	3.41E-08	1.19E-08	3.05E-03	4.80E-07	1.67E-07	9.92E-05	1.56E-08	5.44E-09
2445	496318.25, 3859942.96	2.86E-03	4.50E-07	1.57E-07	1.84E-04	2.90E-08	1.01E-08	2.89E-03	4.55E-07	1.59E-07	2.12E-04	3.34E-08	1.17E-08	2.89E-03	4.56E-07	1.59E-07	9.73E-05	1.53E-08	5.34E-09
2446	496418.25, 3859942.96	2.67E-03	4.20E-07	1.46E-07	1.78E-04	2.80E-08	9.76E-09	2.70E-03	4.25E-07	1.48E-07	2.05E-04	3.24E-08	1.13E-08	2.70E-03	4.25E-07	1.48E-07	9.42E-05	1.48E-08	5.17E-09
2447	496856.82, 3858864.83	2.16E-03	3.40E-07	1.18E-07	1.84E-04	2.90E-08	1.01E-08	2.19E-03	3.45E-07	1.20E-07	2.13E-04	3.35E-08	1.17E-08	2.15E-03	3.39E-07	1.18E-07	9.78E-05	1.54E-08	5.37E-09
2448	496956.82, 3858864.83	2.12E-03	3.34E-07	1.16E-07	1.82E-04	2.86E-08	9.98E-09	2.15E-03	3.39E-07	1.18E-07	2.10E-04	3.31E-08	1.15E-08	2.12E-03	3.34E-07	1.16E-07	9.66E-05	1.52E-08	5.30E-09
2449	497056.82, 3858864.83	2.09E-03	3.29E-07	1.15E-07	1.80E-04	2.83E-08	9.86E-09	2.12E-03	3.34E-07	1.16E-07	2.07E-04	3.27E-08	1.14E-08	2.08E-03	3.28E-07	1.14E-07	9.54E-05	1.50E-08	5.24E-09
2450	497156.82, 3858864.83	2.05E-03	3.23E-07	1.12E-07	1.77E-04	2.78E-08	9.70E-09	2.08E-03	3.27E-07	1.14E-07	2.04E-04	3.21E-08	1.12E-08	2.04E-03	3.22E-07	1.12E-07	9.38E-05	1.48E-08	5.15E-09
2451	497256.82, 3858864.83	2.03E-03	3.20E-07	1.11E-07	1.76E-04	2.77E-08	9.67E-09	2.06E-03	3.25E-07	1.13E-07	2.03E-04	3.20E-08	1.12E-08	2.02E-03	3.19E-07	1.11E-07	9.36E-05	1.47E-08	5.13E-09
2452	496856.82, 3858964.83	2.23E-03	3.51E-07	1.22E-07	1.87E-04	2.95E-08	1.03E-08	2.26E-03	3.56E-07	1.24E-07	2.16E-04	3.40E-08	1.19E-08	2.23E-03	3.51E-07	1.22E-07	9.93E-05	1.56E-08	5.45E-09
2453	496956.82, 3858964.83	2.18E-03	3.44E-07	1.20E-07	1.83E-04	2.89E-08	1.01E-08	2.21E-03	3.48E-07	1.21E-07	2.12E-04	3.34E-08	1.16E-08	2.18E-03	3.43E-07	1.20E-07	9.75E-05	1.54E-08	5.35E-09
2454	497056.82, 3858964.83	2.14E-03	3.38E-07	1.18E-07	1.81E-04	2.85E-08	9.93E-09	2.17E-03	3.42E-07	1.19E-07	2.09E-04	3.29E-08	1.15E-08	2.14E-03	3.37E-07	1.17E-07	9.61E-05	1.51E-08	5.27E-09
2455	497156.82, 3858964.83	2.10E-03	3.31E-07	1.15E-07	1.78E-04	2.81E-08	9.79E-09	2.13E-03	3.36E-07	1.17E-07	2.06E-04	3.24E-08	1.13E-08	2.10E-03	3.31E-07	1.15E-07	9.47E-05	1.49E-08	5.20E-09
2456	497256.82, 3858964.83	2.11E-03	3.33E-07	1.16E-07	1.80E-04	2.84E-08	9.90E-09	2.14E-03	3.38E-07	1.18E-07	2.08E-04	3.28E-08	1.14E-08	2.11E-03	3.32E-07	1.16E-07	9.57E-05	1.51E-08	5.25E-09
2457	496856.82, 3859064.83	2.28E-03	3.58E-07	1.25E-07	1.87E-04	2.95E-08	1.03E-08	2.31E-03	3.63E-07	1.27E-07	2.16E-04	3.40E-08	1.19E-08	2.28E-03	3.58E-07	1.25E-07	9.93E-05	1.56E-08	5.45E-09
2458	496956.82, 3859064.83	2.23E-03	3.52E-07	1.23E-07	1.84E-04	2.90E-08	1.01E-08	2.26E-03	3.57E-07	1.24E-07	2.13E-04	3.35E-08	1.17E-08	2.23E-03	3.51E-07	1.22E-07	9.79E-05	1.54E-08	5.37E-09
2459	497056.82, 3859064.83	2.20E-03	3.46E-07	1.21E-07	1.82E-04	2.87E-08	1.00E-08	2.23E-03	3.51E-07	1.22E-07	2.10E-04	3.31E-08	1.15E-08	2.20E-03	3.46E-07	1.20E-07	9.68E-05	1.52E-08	5.31E-09
2460	497156.82, 3859064.83	2.17E-03	3.41E-07	1.19E-07	1.80E-04	2.84E-08	9.90E-09	2.20E-03	3.46E-07	1.21E-07	2.08E-04	3.28E-08	1.14E-08	2.16E-03	3.41E-07	1.19E-07	9.58E-05	1.51E-08	5.26E-09
2461	497256.82, 3859064.83	2.19E-03	3.45E-07	1.20E-07	1.84E-04	2.90E-08	1.01E-08	2.22E-03	3.50E-07	1.22E-07	2.12E-04	3.34E-08	1.17E-08	2.19E-03	3.45E-07	1.20E-07	9.76E-05	1.54E-08	5.36E-09
2462	496856.82, 3859164.83	2.29E-03	3.61E-07	1.26E-07	1.85E-04	2.91E-08	1.02E-08	2.33E-03	3.66E-07	1.28E-07	2.14E-04	3.37E-08	1.17E-08	2.30E-03	3.62E-07	1.26E-07	9.82E-05	1.55E-08	5.39E-09
2463	496956.82, 3859164.83	2.25E-03	3.54E-07	1.23E-07	1.82E-04	2.87E-08	9.99E-09	2.28E-03	3.59E-07	1.25E-07	2.10E-04	3.31E-08	1.15E-08	2.25E-03	3.54E-07	1.23E-07	9.67E-05	1.52E-08	5.31E-09
2464	497056.82, 3859164.83	2.23E-03	3.51E-07	1.22E-07	1.81E-04	2.86E-08	9.95E-09	2.26E-03	3.55E-07	1.24E-07	2.09E-04	3.30E-08	1.15E-08	2.23E-03	3.51E-07	1.22E-07	9.62E-05	1.52E-08	5.28E-09
2465	497156.82, 3859164.83	2.23E-03	3.51E-07	1.22E-07	1.83E-04	2.88E-08	1.00E-08	2.26E-03	3.56E-07	1.24E-07	2.11E-04	3.32E-08	1.16E-08	2.23E-03	3.51E-07	1.22E-07	9.70E-05	1.53E-08	5.32E-09
2466	497256.82, 3859164.83	2.27E-03	3.58E-07	1.25E-07	1.87E-04	2.94E-08	1.02E-08	2.30E-03	3.63E-07	1.26E-07	2.16E-04	3.40E-08	1.18E-08	2.27E-03	3.58E-07	1.25E-07	9.91E-05	1.56E-08	5.44E-09
2467	496856.82, 3859264.83	2.29E-03	3.61E-07	1.26E-07	1.81E-04	2.86E-08	9.96E-09	2.32E-03	3.66E-07	1.28E-07	2.10E-04	3.30E-08	1.15E-08	2.30E-03	3.62E-07	1.26E-07	9.63E-05	1.52E-08	5.29E-09
2468	496956.82, 3859264.83	2.28E-03	3.59E-07	1.25E-07	1.81E-04	2.86E-08	9.96E-09	2.31E-03	3.64E-07	1.27E-07	2.10E-04	3.30E-08	1.15E-08	2.28E-03	3.60E-07	1.25E-07	9.63E-05	1.52E-08	5.29E-09
2469	497056.82, 3859264.83	2.29E-03	3.61E-07	1.26E-07	1.83E-04	2.88E-08	1.00E-08	2.32E-03	3.65E-07	1.27E-07	2.11E-04	3.33E-08	1.16E-08	2.29E-03	3.61E-07	1.26E-07	9.72E-05	1.53E-08	5.33E-09
2470	497156.82, 3859264.83	2.29E-03	3.61E-07	1.26E-07	1.84E-04	2.90E-08	1.01E-08	2.32E-03	3.66E-07	1.28E-07	2.13E-04	3.35E-08	1.17E-08	2.30E-03	3.62E-07	1.26E-07	9.78E-05	1.54E-08	5.37E-09
2471	497256.82, 3859264.83	2.33E-03	3.66E-07	1.28E-07	1.87E-04	2.95E-08	1.03E-08	2.36E-03	3.71E-07	1.29E-07	2.16E-04	3.41E-08	1.19E-08	2.33E-03	3.67E-07	1.28E-07	9.94E-05	1.57E-08	5.46E-09
2472	497088.92, 3858620.93	1.92E-03	3.02E-07	1.05E-07	1.72E-04	2.70E-08	9.42E-09	1.95E-03	3.07E-07	1.07E-07	1.98E-04	3.12E-08	1.09E-08	1.91E-03	3.01E-07	1.05E-07	9.13E-05	1.44E-08	5.01E-09
2473	497138.92, 3858620.93	1.91E-03	3.01E-07	1.05E-07	1.72E-04	2.70E-08	9.42E-09	1.94E-03	3.06E-07	1.07E-07	1.98E-04	3.12E-08	1.09E-08	1.90E-03	3.00E-07	1.04E-07	9.12E-05	1.44E-08	5.01E-09
2474	497188.92, 3858620.93	1.89E-03	2.98E-07	1.04E-07	1.70E-04	2.67E-08	9.31E-09	1.92E-03	3.03E-07	1.06E-07	1.96E-04	3.09E-08	1.08E-08	1.88E-03	2.97E-07	1.03E-07	9.02E-05	1.42E-08	4.95E-09
2475	497238.92, 3858620.93	1.88E-03	2.97E-07	1.03E-07	1.69E-04	2.66E-08	9.28E-09	1.91E-03	3.01E-07	1.05E-07	1.95E-04	3.07E-08	1.07E-08	1.87E-03	2.95E-07	1.03E-07	8.99E-05	1.42E-08	4.93E-09

2476	497088.92, 3858670.93	1.93E-03	3.04E-07	1.06E-07	1.71E-04	2.69E-08	9.36E-09	1.96E-03	3.08E-07	1.07E-07	1.97E-04	3.10E-08	1.08E-08	1.92E-03	3.02E-07	1.05E-07	9.07E-05	1.43E-08	4.98E-09
2477	497138.92, 3858670.93	1.93E-03	3.04E-07	1.06E-07	1.71E-04	2.70E-08	9.41E-09	1.96E-03	3.09E-07	1.08E-07	1.98E-04	3.12E-08	1.09E-08	1.92E-03	3.03E-07	1.05E-07	9.11E-05	1.44E-08	5.00E-09
2478	497188.92, 3858670.93	1.91E-03	3.02E-07	1.05E-07	1.70E-04	2.68E-08	9.34E-09	1.94E-03	3.06E-07	1.07E-07	1.96E-04	3.09E-08	1.08E-08	1.90E-03	3.00E-07	1.05E-07	9.04E-05	1.42E-08	4.96E-09
2479	497238.92, 3858670.93	1.91E-03	3.01E-07	1.05E-07	1.70E-04	2.68E-08	9.33E-09	1.94E-03	3.05E-07	1.06E-07	1.96E-04	3.09E-08	1.08E-08	1.90E-03	2.99E-07	1.04E-07	9.04E-05	1.42E-08	4.96E-09
2480	497088.92, 3858720.93	1.98E-03	3.11E-07	1.08E-07	1.74E-04	2.74E-08	9.55E-09	2.00E-03	3.16E-07	1.10E-07	2.01E-04	3.17E-08	1.10E-08	1.97E-03	3.10E-07	1.08E-07	9.25E-05	1.46E-08	5.08E-09
2481	497138.92, 3858720.93	1.93E-03	3.05E-07	1.06E-07	1.70E-04	2.67E-08	9.31E-09	1.96E-03	3.09E-07	1.08E-07	1.96E-04	3.09E-08	1.08E-08	1.92E-03	3.03E-07	1.06E-07	9.02E-05	1.42E-08	4.95E-09
2482	497188.92, 3858720.93	1.92E-03	3.03E-07	1.05E-07	1.69E-04	2.66E-08	9.27E-09	1.95E-03	3.07E-07	1.07E-07	1.95E-04	3.07E-08	1.07E-08	1.91E-03	3.01E-07	1.05E-07	8.98E-05	1.41E-08	4.93E-09
2483	497238.92, 3858720.93	1.94E-03	3.05E-07	1.06E-07	1.72E-04	2.70E-08	9.42E-09	1.97E-03	3.10E-07	1.08E-07	1.98E-04	3.12E-08	1.09E-08	1.93E-03	3.04E-07	1.06E-07	9.12E-05	1.44E-08	5.01E-09
2484	497088.92, 3858770.93	2.00E-03	3.15E-07	1.10E-07	1.74E-04	2.75E-08	9.57E-09	2.03E-03	3.19E-07	1.11E-07	2.01E-04	3.17E-08	1.10E-08	1.99E-03	3.13E-07	1.09E-07	9.26E-05	1.46E-08	5.08E-09
2485	497138.92, 3858770.93	1.98E-03	3.11E-07	1.08E-07	1.73E-04	2.72E-08	9.48E-09	2.01E-03	3.16E-07	1.10E-07	1.99E-04	3.14E-08	1.09E-08	1.97E-03	3.10E-07	1.08E-07	9.18E-05	1.45E-08	5.04E-09
2486	497188.92, 3858770.93	1.96E-03	3.09E-07	1.08E-07	1.72E-04	2.71E-08	9.46E-09	1.99E-03	3.14E-07	1.09E-07	1.99E-04	3.13E-08	1.09E-08	1.96E-03	3.08E-07	1.07E-07	9.16E-05	1.44E-08	5.03E-09
2487	497238.92, 3858770.93	1.97E-03	3.10E-07	1.08E-07	1.73E-04	2.73E-08	9.50E-09	2.00E-03	3.15E-07	1.10E-07	2.00E-04	3.15E-08	1.10E-08	1.96E-03	3.09E-07	1.08E-07	9.19E-05	1.45E-08	5.05E-09
2488	497396.65, 3858622.63	1.93E-03	3.05E-07	1.06E-07	1.77E-04	2.78E-08	9.70E-09	1.96E-03	3.09E-07	1.08E-07	2.04E-04	3.21E-08	1.12E-08	1.92E-03	3.03E-07	1.05E-07	9.39E-05	1.48E-08	5.15E-09
2489	497496.65, 3858622.63	1.96E-03	3.09E-07	1.08E-07	1.81E-04	2.85E-08	9.91E-09	1.99E-03	3.14E-07	1.09E-07	2.09E-04	3.29E-08	1.14E-08	1.95E-03	3.07E-07	1.07E-07	9.59E-05	1.51E-08	5.27E-09
2490	497596.65, 3858622.63	2.02E-03	3.18E-07	1.11E-07	1.88E-04	2.97E-08	1.03E-08	2.05E-03	3.23E-07	1.13E-07	2.17E-04	3.42E-08	1.19E-08	2.01E-03	3.16E-07	1.10E-07	1.00E-04	1.57E-08	5.49E-09
2491	497696.65, 3858622.63	2.03E-03	3.20E-07	1.12E-07	1.90E-04	2.99E-08	1.04E-08	2.06E-03	3.25E-07	1.13E-07	2.19E-04	3.46E-08	1.20E-08	2.02E-03	3.18E-07	1.11E-07	1.01E-04	1.59E-08	5.53E-09
2492	497796.65, 3858622.63	2.07E-03	3.26E-07	1.13E-07	1.94E-04	3.06E-08	1.07E-08	2.10E-03	3.31E-07	1.15E-07	2.24E-04	3.53E-08	1.23E-08	2.05E-03	3.23E-07	1.13E-07	1.03E-04	1.62E-08	5.66E-09
2493	497896.65, 3858622.63	2.10E-03	3.31E-07	1.15E-07	1.98E-04	3.13E-08	1.09E-08	2.14E-03	3.37E-07	1.17E-07	2.29E-04	3.61E-08	1.26E-08	2.09E-03	3.29E-07	1.15E-07	1.05E-04	1.66E-08	5.78E-09
2494	497396.65, 3858722.63	2.00E-03	3.15E-07	1.10E-07	1.80E-04	2.84E-08	9.89E-09	2.03E-03	3.20E-07	1.11E-07	2.08E-04	3.28E-08	1.14E-08	1.99E-03	3.13E-07	1.09E-07	9.57E-05	1.51E-08	5.25E-09
2495	497496.65, 3858722.63	2.03E-03	3.20E-07	1.11E-07	1.84E-04	2.90E-08	1.01E-08	2.06E-03	3.25E-07	1.13E-07	2.13E-04	3.35E-08	1.17E-08	2.02E-03	3.18E-07	1.11E-07	9.78E-05	1.54E-08	5.37E-09
2496	497596.65, 3858722.63	2.09E-03	3.29E-07	1.15E-07	1.91E-04	3.01E-08	1.05E-08	2.12E-03	3.34E-07	1.16E-07	2.20E-04	3.47E-08	1.21E-08	2.07E-03	3.27E-07	1.14E-07	1.01E-04	1.60E-08	5.56E-09
2497	497696.65, 3858722.63	2.12E-03	3.34E-07	1.16E-07	1.95E-04	3.06E-08	1.07E-08	2.15E-03	3.39E-07	1.18E-07	2.25E-04	3.54E-08	1.23E-08	2.10E-03	3.31E-07	1.15E-07	1.03E-04	1.63E-08	5.66E-09
2498	497796.65, 3858722.63	2.13E-03	3.35E-07	1.17E-07	1.96E-04	3.09E-08	1.08E-08	2.16E-03	3.41E-07	1.19E-07	2.27E-04	3.57E-08	1.24E-08	2.11E-03	3.33E-07	1.16E-07	1.04E-04	1.64E-08	5.72E-09
2499	497896.65, 3858722.63	2.15E-03	3.39E-07	1.18E-07	1.99E-04	3.14E-08	1.09E-08	2.19E-03	3.45E-07	1.20E-07	2.30E-04	3.62E-08	1.26E-08	2.14E-03	3.37E-07	1.17E-07	1.06E-04	1.66E-08	5.80E-09
2500	497396.65, 3858822.63	2.05E-03	3.24E-07	1.13E-07	1.82E-04	2.86E-08	9.96E-09	2.08E-03	3.28E-07	1.14E-07	2.10E-04	3.30E-08	1.15E-08	2.05E-03	3.22E-07	1.12E-07	9.64E-05	1.52E-08	5.29E-09
2501	497496.65, 3858822.63	2.08E-03	3.27E-07	1.14E-07	1.85E-04	2.91E-08	1.01E-08	2.11E-03	3.32E-07	1.16E-07	2.13E-04	3.36E-08	1.17E-08	2.07E-03	3.26E-07	1.14E-07	9.81E-05	1.55E-08	5.39E-09
2502	497596.65, 3858822.63	2.15E-03	3.39E-07	1.18E-07	1.93E-04	3.04E-08	1.06E-08	2.18E-03	3.44E-07	1.20E-07	2.23E-04	3.51E-08	1.22E-08	2.14E-03	3.37E-07	1.17E-07	1.02E-04	1.61E-08	5.62E-09
2503	497696.65, 3858822.63	2.17E-03	3.42E-07	1.19E-07	1.95E-04	3.07E-08	1.07E-08	2.20E-03	3.47E-07	1.21E-07	2.25E-04	3.55E-08	1.24E-08	2.16E-03	3.40E-07	1.18E-07	1.03E-04	1.63E-08	5.68E-09
2504	497796.65, 3858822.63	2.18E-03	3.44E-07	1.20E-07	1.97E-04	3.11E-08	1.08E-08	2.22E-03	3.49E-07	1.22E-07	2.28E-04	3.59E-08	1.25E-08	2.17E-03	3.42E-07	1.19E-07	1.05E-04	1.65E-08	5.74E-09
2505	497896.65, 3858822.63	2.23E-03	3.51E-07	1.22E-07	2.01E-04	3.17E-08	1.11E-08	2.26E-03	3.57E-07	1.24E-07	2.33E-04	3.66E-08	1.28E-08	2.22E-03	3.49E-07	1.22E-07	1.07E-04	1.68E-08	5.86E-09
2506	497396.65, 3858922.63	2.11E-03	3.32E-07	1.16E-07	1.83E-04	2.88E-08	1.00E-08	2.14E-03	3.37E-07	1.17E-07	2.11E-04	3.33E-08	1.16E-08	2.10E-03	3.31E-07	1.15E-07	9.71E-05	1.53E-08	5.33E-09
2507	497496.65, 3858922.63	2.17E-03	3.42E-07	1.19E-07	1.89E-04	2.98E-08	1.04E-08	2.20E-03	3.47E-07	1.21E-07	2.19E-04	3.44E-08	1.20E-08	2.16E-03	3.41E-07	1.19E-07	1.00E-04	1.58E-08	5.52E-09
2508	497596.65, 3858922.63	2.16E-03	3.40E-07	1.19E-07	1.89E-04	2.98E-08	1.04E-08	2.19E-03	3.45E-07	1.20E-07	2.19E-04	3.44E-08	1.20E-08	2.15E-03	3.39E-07	1.18E-07	1.00E-04	1.58E-08	5.51E-09
2509	497696.65, 3858922.63	2.24E-03	3.53E-07	1.23E-07	1.97E-04	3.10E-08	1.08E-08	2.27E-03	3.58E-07	1.25E-07	2.27E-04	3.58E-08	1.25E-08	2.23E-03	3.51E-07	1.22E-07	1.04E-04	1.64E-08	5.73E-09
2510	497796.65, 3858922.63	2.27E-03	3.58E-07	1.25E-07	2.00E-04	3.14E-08	1.10E-08	2.30E-03	3.63E-07	1.26E-07	2.30E-04	3.63E-08	1.26E-08	2.26E-03	3.56E-07	1.24E-07	1.06E-04	1.67E-08	5.81E-09
2511	497896.65, 3858922.63	2.34E-03	3.69E-07	1.29E-07	2.05E-04	3.23E-08	1.13E-08	2.38E-03	3.74E-07	1.30E-07	2.37E-04	3.73E-08	1.30E-08	2.33E-03	3.68E-07	1.28E-07	1.09E-04	1.71E-08	5.97E-09
2512	497364.44, 3858201.52	1.77E-03	2.79E-07	9.71E-08	1.69E-04	2.67E-08	9.29E-09	1.80E-03	2.83E-07	9.86E-08	1.95E-04	3.08E-08	1.07E-08	1.75E-03	2.76E-07	9.61E-08	9.01E-05	1.42E-08	4.95E-09
2513	497414.44, 3858201.52	1.78E-03	2.81E-07	9.79E-08	1.72E-04	2.71E-08	9.44E-09	1.81E-03	2.86E-07	9.95E-08	1.98E-04	3.13E-08	1.09E-08	1.77E-03	2.78E-07	9.69E-08	9.16E-05	1.44E-08	5.03E-09
2514	497464.44, 3858201.52	1.79E-03	2.83E-07	9.85E-08	1.74E-04	2.73E-08	9.53E-09	1.82E-03	2.87E-07	1.00E-07	2.00E-04	3.16E-08	1.10E-08	1.77E-03	2.80E-07	9.74E-08	9.24E-05	1.46E-08	5.07E-09
2515	497514.44, 3858201.52	1.79E-03	2.82E-07	9.84E-08	1.74E-04	2.73E-08	9.52E-09	1.82E-03	2.87E-07	1.00E-07	2.00E-04	3.16E-08	1.10E-08	1.77E-03	2.79E-07	9.73E-08	9.24E-05	1.46E-08	5.07E-09
2516	497564.44, 3858201.52	1.79E-03	2.81E-07	9.80E-08	1.73E-04	2.72E-08	9.49E-09	1.81E-03	2.86E-07	9.96E-08	1.99E-04	3.14E-08	1.09E-08	1.77E-03	2.78E-07	9.69E-08	9.20E-05	1.45E-08	5.05E-09
2517	497614.44, 3858201.52	1.79E-03	2.81E-07	9.80E-08	1.73E-04	2.73E-08	9.51E-09	1.81E-03	2.86E-07	9.96E-08	2.00E-04	3.15E-08	1.10E-08	1.77E-03	2.78E-07	9.69E-08	9.22E-05	1.45E-08	5.06E-09
2518	497364.44, 3858251.52	1.80E-03	2.84E-07	9.89E-08	1.72E-04	2.71E-08	9.45E-09	1.83E-03	2.88E-07	1.01E-07	1.99E-04	3.13E-08	1.09E-08	1.78E-03	2.81E-07	9.79E-08	9.17E-05	1.44E-08	5.03E-09
2519	497414.44, 3858251.52	1.82E-03	2.87E-07	9.99E-08	1.75E-04	2.75E-08	9.59E-09	1.85E-03	2.91E-07	1.01E-07	2.02E-04	3.18E-08	1.11E-08	1.80E-03	2.84E-07	9.88E-08	9.30E-05	1.46E-08	5.10E-09
2520	497464.44, 3858251.52	1.81E-03	2.84E-07	9.91E-08	1.73E-04	2.73E-08	9.51E-09	1.83E-03	2.89E-07	1.01E-07	2.00E-04	3.15E-08	1.10E-08	1.79E-03	2.81E-07	9.81E-08	9.23E-05	1.45E-08	5.06E-09
2521	497514.44, 3858251.52	1.79E-03	2.82E-07	9.81E-08	1.72E-04	2.70E-08	9.41E-09	1.82E-03	2.86E-07	9.97E-08	1.98E-04	3.12E-08	1.09E-08	1.77E-03	2.79E-07	9.71E-08	9.13E-05	1.44E-08	5.01E-09
2522	497564.44, 3858251.52	1.78E-03	2.81E-07	9.77E-08	1.71E-04	2.69E-08	9.39E-09	1.81E-03	2.85E-07	9.93E-08	1.97E-04	3.11E-08	1.08E-08	1.76E-03	2.78E-07	9.67E-08	9.10E-05	1.43E-08	5.00E-09
2523	497614.44, 3858251.52	1.77E-03	2.79E-07	9.74E-08	1.71E-04	2.69E-08	9.36E-09	1.80E-03	2.84E-07	9.89E-08	1.97E-04	3.10E-08	1.08E-08	1.76E-03	2.77E-07	9.63E-08	9.08E-05	1.43E-08	4.98E-09
2524	497364.44, 3858301.52	1.82E-03	2.86E-07	9.97E-08	1.73E-04	2.72E-08	9.48E-09	1.85E-03	2.91E-07	1.01E-07	1.99E-04	3.14E-08	1.09E-08	1.80E-03	2.83E-07	9.87E-08	9.19E-05	1.45E-08	5.05E-09
2525	497414.44, 3858301.52	1.83E-03	2.88E-07	1.00E-07	1.74E-04	2.74E-08	9.56E-09	1.86E-03	2.92E-07	1.02E-07	2.01E-04	3.17E-08	1.10E-08	1.81E-03	2.85E-07	9.93E-08	9.27E-05	1.46E-08	5.09E-09
2526	497464.44, 3858301.52	1.81E-03	2.85E-07	9.93E-08	1.72E-04	2.71E-08	9.46E-09	1.84E-03	2.90E-07	1.01E-07	1.99E-04	3.13E-08	1.09E-08	1.79E-03	2.82E-07	9.83E-08	9.17E-05	1.44E-08	5.03E-09
2527	497514.44, 3858301.52	1.80E-03	2.83E-07	9.86E-08	1.71E-04	2.70E-08	9.39E-09	1.82E-03	2.87E-07	1.00E-07	1.98E-04	3.11E-08	1.08E-08	1.78E-03	2.80E-07	9.76E-08	9.11E-05	1.43E-08	5.00E-09
2528	497564.44, 3858301.52	1.78E-03	2.80E-07	9.75E-08	1.69E-04	2.67E-08	9.29E-09	1.81E-03	2.84E-07	9.91E-08	1.95E-04	3.08E-08	1.07E-08	1.76E-03	2.77E-07	9.66E-08	9.01E-05	1.42E-08	4.94E-09
2529	497614.44, 3858301.52	1.77E-03	2.79E-07	9.71E-08	1.69E-04	2.66E-08	9.26E-09	1.80E-03	2.83E-07	9.86E-08	1.95E-04	3.07E-08	1.07E-08	1.75E-03	2.76E-07	9.61E-08	8.98E-05	1.41E-08	4.93E-09
2530	497364.44, 3858351.52	1.84E-03	2.89E-07	1.01E-07	1.73E-04	2.73E-08	9.52E-09	1.87E-03	2.94E-07	1.02E-07	2.00E-04	3.15E-08	1.10E-08	1.82E-03	2.87E-07	9.99E-08	9.23E-05	1.45E-08	5.07E-09
2531	497414.44, 3858351.52	1.82E-03	2.87E-07	1.00E-07	1.72E-04	2.72E-08	9.46E-09	1.85E-03	2.92E-07	1.02E-07	1.99E-04	3.13E-08	1.09E-08	1.81E-03	2.85E-07	9.92E-08	9.17E-05	1.44E-08	5.03E-09
2532	497464.44, 3858351.52	1.82E-03	2.86E-07	9.97E-08	1.72E-04	2.71E-08	9.44E-09	1.85E-03	2.91E-07	1.01E-07	1.98E-04	3.13E-08	1.09E-08	1.80E-03	2.84E-07	9.88E-08	9.15E-05	1.44E-08	5.02E-09
2533	497514.44, 3858351.52	1.81E-03	2.85E-07	9.91E-08	1.71E-04	2.69E-08	9.39E-09	1.84E-03	2.89E-07	1.01E-07	1.97E-04	3.11E-08	1.08E-08	1.79E-03	2.82E-07	9.82E-08	9.10E-05	1.43E-08	4.99E-09
2534	497564.44, 3858351.52	1.78E-03	2.81E-07	9.79E-08	1.69E-04	2.66E-08	9.26E-09	1.81E-03	2.85E-07	9.94E-08	1.95E-04	3.07E-08	1.07E-08	1.77E-03	2.78E-07	9.70E-08	8.98E-05	1.41E-08	4.93E-09
2535	497614.44, 3858351.52	1.78E-03	2.80E-07	9.75E-08	1.68E-04	2.65E-08	9.23E-09	1.80E-03	2.84E-07	9.90E-08	1.94E-04	3.06E-08	1.07E-08	1.76E-03	2.77E-07	9.66E-08	8.95E-05	1.41E-08	4.91E-09
2536	497364.44, 3858401.52	1.84E-03	2.89E-07	1.01E-07	1.72E-04	2.71E-08	9.45E-09	1.87E-03	2.94E-07	1.02E-07	1.99E-04	3.13E-08	1.09E-08	1.82E-03	2.87E-07	9.99E-08	9.16E-05	1.44E-08	5.03E-09
2537	497414.44, 3858401.52	1.83E-03	2.88E-07	1.00E-07	1.71E-04	2.70E-08	9.41E-09	1.86E-03	2.93E-07	1.02E-07	1.98E-04	3.12E-08	1.09E-08	1.81E-03	2.86E-07	9.95E-08	9.12E-05	1.44E-08	5.00E-09
2538	497464.44, 3858401.52	1.81E-03	2.86E-07	9.96E-08	1.70E-04	2.68E-08	9.34E-09	1.84E-03	2.90E-07	1.01E-07	1.96E-04	3.09E-08	1.08E-08	1.80E-03	2.83E-07	9.87E-08	9.05E-05	1.43E-08	4.97E-09
2539	497514.44, 3858401.52	1.81E-03	2.84E-07	9.91E-08	1.70E-04	2.67E-08	9.30E-09	1.83E-03	2.89E-07	1.01E-07	1.96E-04	3.08E-08	1.07E-08	1.79E-03	2.82E-07	9.82E-08	9.02E-05	1.42E-08	4.95E-09
2540	497564.44, 3858401.52	1.82E-03	2.86E-07	9.98E-08	1.71E-04	2.70E-08	9.41E-09	1.85E-03	2.91E-07	1.01E-07	1.98E-04	3.12E-08	1.09E-08	1.80E-03	2.84E-07	9.89E-08	9.12E-05	1.44E-08	5.00E-09
2541	497614.44, 3858401.52	1.83E-03	2.89E-07	1.01E-07	1.74E-04	2.74E-08	9.54E-09	1.86E-03	2.93E-07	1.02E-07	2.01E-04	3.16E-08	1.10E-08	1.81E-03	2.86E-07	9.96E-08	9.25E-05	1.46E-08	5.07E-09
2542	493478.11, 3860497.94	4.98E-03	7.84E-07	2.73E-07	1.78E-04	2.81E-08	9.77E-09	5.01E-03	7.89E-07	2.75E-07	2.06E-04	3.24E-08	1.13E-08	5.14E-03	8.10E-07	2.82E-07	9.38E-05	1.48E-08	5.15E-09

2543	493528.11, 3860497.94	4.93E-03	7.77E-07	2.71E-07	1.79E-04	2.81E-08	9.80E-09	4.96E-03	7.82E-07	2.72E-07	2.06E-04	3.25E-08	1.13E-08	5.09E-03	8.02E-07	2.79E-07	9.41E-05	1.48E-08	5.16E-09
2544	493478.11, 3860547.94	4.89E-03	7.70E-07	2.68E-07	1.73E-04	2.73E-08	9.49E-09	4.92E-03	7.75E-07	2.70E-07	2.00E-04	3.15E-08	1.10E-08	5.05E-03	7.95E-07	2.77E-07	9.11E-05	1.44E-08	5.00E-09
2545	493528.11, 3860547.94	4.85E-03	7.64E-07	2.66E-07	1.73E-04	2.73E-08	9.52E-09	4.88E-03	7.68E-07	2.68E-07	2.01E-04	3.16E-08	1.10E-08	5.01E-03	7.89E-07	2.75E-07	9.14E-05	1.44E-08	5.02E-09
2546	493478.11, 3860597.94	4.80E-03	7.56E-07	2.63E-07	1.68E-04	2.65E-08	9.22E-09	4.83E-03	7.61E-07	2.65E-07	1.94E-04	3.06E-08	1.07E-08	4.96E-03	7.81E-07	2.72E-07	8.85E-05	1.39E-08	4.86E-09
2547	493528.11, 3860597.94	4.76E-03	7.49E-07	2.61E-07	1.69E-04	2.66E-08	9.25E-09	4.79E-03	7.54E-07	2.63E-07	1.95E-04	3.07E-08	1.07E-08	4.91E-03	7.74E-07	2.70E-07	8.88E-05	1.40E-08	4.87E-09
2548	493561.88, 3860524.64	4.86E-03	7.65E-07	2.66E-07	1.76E-04	2.78E-08	9.67E-09	4.89E-03	7.70E-07	2.68E-07	2.04E-04	3.21E-08	1.12E-08	5.01E-03	7.90E-07	2.75E-07	9.28E-05	1.46E-08	5.10E-09
2549	493591.88, 3860524.64	4.83E-03	7.61E-07	2.65E-07	1.77E-04	2.78E-08	9.69E-09	4.86E-03	7.65E-07	2.67E-07	2.04E-04	3.22E-08	1.12E-08	4.98E-03	7.85E-07	2.73E-07	9.31E-05	1.47E-08	5.11E-09
2550	493561.88, 3860554.64	4.81E-03	7.57E-07	2.64E-07	1.73E-04	2.73E-08	9.50E-09	4.84E-03	7.62E-07	2.65E-07	2.00E-04	3.15E-08	1.10E-08	4.96E-03	7.82E-07	2.72E-07	9.12E-05	1.44E-08	5.01E-09
2551	493591.88, 3860554.64	4.78E-03	7.52E-07	2.62E-07	1.74E-04	2.74E-08	9.54E-09	4.81E-03	7.57E-07	2.64E-07	2.01E-04	3.16E-08	1.10E-08	4.93E-03	7.77E-07	2.71E-07	9.15E-05	1.44E-08	5.02E-09
2552	492880.5, 3860293.11	6.07E-03	9.57E-07	3.33E-07	1.90E-04	3.00E-08	1.04E-08	6.11E-03	9.62E-07	3.35E-07	2.20E-04	3.47E-08	1.21E-08	6.29E-03	9.91E-07	3.45E-07	1.00E-04	1.58E-08	5.51E-09
2553	492930.5, 3860293.11	6.00E-03	9.45E-07	3.29E-07	1.92E-04	3.02E-08	1.05E-08	6.03E-03	9.50E-07	3.31E-07	2.21E-04	3.49E-08	1.22E-08	6.21E-03	9.78E-07	3.41E-07	1.01E-04	1.59E-08	5.55E-09
2554	492980.5, 3860293.11	5.92E-03	9.33E-07	3.25E-07	1.93E-04	3.04E-08	1.06E-08	5.96E-03	9.38E-07	3.27E-07	2.23E-04	3.51E-08	1.22E-08	6.13E-03	9.66E-07	3.36E-07	1.02E-04	1.60E-08	5.58E-09
2555	493030.5, 3860293.11	5.82E-03	9.16E-07	3.19E-07	1.95E-04	3.07E-08	1.07E-08	5.85E-03	9.21E-07	3.21E-07	2.25E-04	3.55E-08	1.24E-08	6.01E-03	9.47E-07	3.30E-07	1.03E-04	1.62E-08	5.64E-09
2556	493080.5, 3860293.11	5.67E-03	8.93E-07	3.11E-07	1.97E-04	3.10E-08	1.08E-08	5.70E-03	8.98E-07	3.13E-07	2.27E-04	3.58E-08	1.25E-08	5.86E-03	9.23E-07	3.21E-07	1.04E-04	1.63E-08	5.69E-09
2557	493130.5, 3860293.11	5.67E-03	8.93E-07	3.11E-07	1.97E-04	3.10E-08	1.08E-08	5.70E-03	8.98E-07	3.13E-07	2.27E-04	3.58E-08	1.25E-08	5.85E-03	9.22E-07	3.21E-07	1.04E-04	1.63E-08	5.69E-09
2558	493180.5, 3860293.11	5.64E-03	8.89E-07	3.10E-07	1.97E-04	3.10E-08	1.08E-08	5.67E-03	8.94E-07	3.11E-07	2.27E-04	3.58E-08	1.25E-08	5.83E-03	9.18E-07	3.20E-07	1.04E-04	1.63E-08	5.69E-09
2559	493230.5, 3860293.11	5.59E-03	8.80E-07	3.07E-07	1.97E-04	3.10E-08	1.08E-08	5.62E-03	8.85E-07	3.08E-07	2.28E-04	3.59E-08	1.25E-08	5.77E-03	9.09E-07	3.17E-07	1.04E-04	1.64E-08	5.70E-09
2560	493280.5, 3860293.11	5.50E-03	8.67E-07	3.02E-07	1.98E-04	3.12E-08	1.09E-08	5.54E-03	8.72E-07	3.04E-07	2.29E-04	3.60E-08	1.26E-08	5.68E-03	8.95E-07	3.12E-07	1.04E-04	1.64E-08	5.73E-09
2561	493330.5, 3860293.11	5.43E-03	8.56E-07	2.98E-07	1.99E-04	3.13E-08	1.09E-08	5.47E-03	8.61E-07	3.00E-07	2.30E-04	3.62E-08	1.26E-08	5.61E-03	8.83E-07	3.08E-07	1.05E-04	1.65E-08	5.75E-09
2562	493380.5, 3860293.11	5.37E-03	8.46E-07	2.95E-07	1.99E-04	3.14E-08	1.09E-08	5.40E-03	8.51E-07	2.97E-07	2.30E-04	3.62E-08	1.26E-08	5.54E-03	8.73E-07	3.04E-07	1.05E-04	1.65E-08	5.76E-09
2563	492880.5, 3860343.11	5.97E-03	9.40E-07	3.28E-07	1.84E-04	2.90E-08	1.01E-08	6.00E-03	9.45E-07	3.29E-07	2.13E-04	3.36E-08	1.17E-08	6.18E-03	9.74E-07	3.39E-07	9.72E-05	1.53E-08	5.34E-09
2564	492930.5, 3860343.11	5.90E-03	9.29E-07	3.24E-07	1.85E-04	2.92E-08	1.02E-08	5.93E-03	9.34E-07	3.26E-07	2.14E-04	3.38E-08	1.18E-08	6.11E-03	9.62E-07	3.35E-07	9.78E-05	1.54E-08	5.37E-09
2565	492980.5, 3860343.11	5.81E-03	9.15E-07	3.19E-07	1.88E-04	2.96E-08	1.03E-08	5.84E-03	9.20E-07	3.20E-07	2.17E-04	3.42E-08	1.19E-08	6.01E-03	9.47E-07	3.30E-07	9.90E-05	1.56E-08	5.43E-09
2566	493030.5, 3860343.11	5.74E-03	9.04E-07	3.15E-07	1.89E-04	2.97E-08	1.04E-08	5.77E-03	9.09E-07	3.17E-07	2.18E-04	3.43E-08	1.20E-08	5.94E-03	9.36E-07	3.26E-07	9.95E-05	1.57E-08	5.46E-09
2567	493080.5, 3860343.11	5.63E-03	8.87E-07	3.09E-07	1.91E-04	3.00E-08	1.05E-08	5.66E-03	8.92E-07	3.11E-07	2.20E-04	3.47E-08	1.21E-08	5.82E-03	9.17E-07	3.19E-07	1.00E-04	1.58E-08	5.51E-09
2568	493130.5, 3860343.11	5.58E-03	8.80E-07	3.06E-07	1.91E-04	3.01E-08	1.05E-08	5.62E-03	8.85E-07	3.08E-07	2.21E-04	3.48E-08	1.21E-08	5.77E-03	9.09E-07	3.17E-07	1.01E-04	1.59E-08	5.53E-09
2569	493180.5, 3860343.11	5.56E-03	8.76E-07	3.05E-07	1.91E-04	3.01E-08	1.05E-08	5.59E-03	8.81E-07	3.07E-07	2.21E-04	3.48E-08	1.21E-08	5.75E-03	9.05E-07	3.15E-07	1.01E-04	1.59E-08	5.52E-09
2570	493230.5, 3860343.11	5.50E-03	8.67E-07	3.02E-07	1.91E-04	3.02E-08	1.05E-08	5.54E-03	8.72E-07	3.04E-07	2.21E-04	3.49E-08	1.21E-08	5.69E-03	8.96E-07	3.12E-07	1.01E-04	1.59E-08	5.54E-09
2571	493280.5, 3860343.11	5.43E-03	8.55E-07	2.98E-07	1.93E-04	3.04E-08	1.06E-08	5.46E-03	8.60E-07	3.00E-07	2.23E-04	3.51E-08	1.22E-08	5.60E-03	8.83E-07	3.08E-07	1.02E-04	1.60E-08	5.57E-09
2572	493330.5, 3860343.11	5.36E-03	8.44E-07	2.94E-07	1.93E-04	3.05E-08	1.06E-08	5.39E-03	8.49E-07	2.96E-07	2.24E-04	3.52E-08	1.23E-08	5.53E-03	8.71E-07	3.03E-07	1.02E-04	1.61E-08	5.60E-09
2573	493380.5, 3860343.11	5.30E-03	8.35E-07	2.91E-07	1.94E-04	3.06E-08	1.06E-08	5.33E-03	8.40E-07	2.93E-07	2.24E-04	3.53E-08	1.23E-08	5.47E-03	8.61E-07	3.00E-07	1.02E-04	1.61E-08	5.61E-09
2574	492880.5, 3860393.11	5.86E-03	9.23E-07	3.22E-07	1.78E-04	2.81E-08	9.79E-09	5.89E-03	9.28E-07	3.23E-07	2.06E-04	3.25E-08	1.13E-08	6.07E-03	9.56E-07	3.33E-07	9.41E-05	1.48E-08	5.17E-09
2575	492930.5, 3860393.11	5.79E-03	9.12E-07	3.18E-07	1.80E-04	2.83E-08	9.86E-09	5.82E-03	9.17E-07	3.20E-07	2.08E-04	3.27E-08	1.14E-08	6.00E-03	9.45E-07	3.29E-07	9.48E-05	1.49E-08	5.20E-09
2576	492980.5, 3860393.11	5.72E-03	9.01E-07	3.14E-07	1.81E-04	2.86E-08	9.96E-09	5.75E-03	9.06E-07	3.16E-07	2.10E-04	3.30E-08	1.15E-08	5.92E-03	9.33E-07	3.25E-07	9.57E-05	1.51E-08	5.25E-09
2577	493030.5, 3860393.11	5.65E-03	8.90E-07	3.10E-07	1.83E-04	2.88E-08	1.00E-08	5.68E-03	8.95E-07	3.12E-07	2.11E-04	3.33E-08	1.16E-08	5.85E-03	9.21E-07	3.21E-07	9.64E-05	1.52E-08	5.29E-09
2578	493080.5, 3860393.11	5.55E-03	8.75E-07	3.05E-07	1.85E-04	2.91E-08	1.01E-08	5.58E-03	8.80E-07	3.07E-07	2.14E-04	3.36E-08	1.17E-08	5.74E-03	9.05E-07	3.15E-07	9.74E-05	1.53E-08	5.35E-09
2579	493130.5, 3860393.11	5.51E-03	8.68E-07	3.03E-07	1.85E-04	2.92E-08	1.02E-08	5.54E-03	8.73E-07	3.04E-07	2.14E-04	3.37E-08	1.17E-08	5.70E-03	8.98E-07	3.13E-07	9.76E-05	1.54E-08	5.36E-09
2580	493180.5, 3860393.11	5.47E-03	8.62E-07	3.00E-07	1.85E-04	2.92E-08	1.02E-08	5.51E-03	8.67E-07	3.02E-07	2.14E-04	3.37E-08	1.17E-08	5.66E-03	8.92E-07	3.11E-07	9.76E-05	1.54E-08	5.36E-09
2581	493230.5, 3860393.11	5.42E-03	8.53E-07	2.97E-07	1.86E-04	2.93E-08	1.02E-08	5.45E-03	8.58E-07	2.99E-07	2.15E-04	3.39E-08	1.18E-08	5.60E-03	8.82E-07	3.07E-07	9.80E-05	1.54E-08	5.38E-09
2582	493280.5, 3860393.11	5.35E-03	8.42E-07	2.93E-07	1.87E-04	2.95E-08	1.03E-08	5.38E-03	8.47E-07	2.95E-07	2.16E-04	3.41E-08	1.19E-08	5.52E-03	8.70E-07	3.03E-07	9.87E-05	1.56E-08	5.42E-09
2583	493330.5, 3860393.11	5.28E-03	8.32E-07	2.90E-07	1.88E-04	2.97E-08	1.03E-08	5.31E-03	8.37E-07	2.91E-07	2.18E-04	3.43E-08	1.19E-08	5.45E-03	8.59E-07	2.99E-07	9.92E-05	1.56E-08	5.44E-09
2584	493380.5, 3860393.11	5.22E-03	8.23E-07	2.87E-07	1.89E-04	2.98E-08	1.04E-08	5.25E-03	8.28E-07	2.88E-07	2.18E-04	3.44E-08	1.20E-08	5.39E-03	8.49E-07	2.96E-07	9.96E-05	1.57E-08	5.46E-09
2585	492880.5, 3860443.11	5.75E-03	9.05E-07	3.15E-07	1.73E-04	2.73E-08	9.50E-09	5.78E-03	9.10E-07	3.17E-07	2.00E-04	3.15E-08	1.10E-08	5.95E-03	9.38E-07	3.27E-07	9.13E-05	1.44E-08	5.01E-09
2586	492930.5, 3860443.11	5.68E-03	8.95E-07	3.12E-07	1.74E-04	2.74E-08	9.54E-09	5.71E-03	9.00E-07	3.14E-07	2.01E-04	3.17E-08	1.10E-08	5.89E-03	9.28E-07	3.23E-07	9.17E-05	1.45E-08	5.03E-09
2587	492980.5, 3860443.11	5.62E-03	8.86E-07	3.09E-07	1.75E-04	2.76E-08	9.62E-09	5.65E-03	8.90E-07	3.10E-07	2.03E-04	3.19E-08	1.11E-08	5.82E-03	9.17E-07	3.19E-07	9.25E-05	1.46E-08	5.08E-09
2588	493030.5, 3860443.11	5.55E-03	8.75E-07	3.05E-07	1.77E-04	2.79E-08	9.70E-09	5.58E-03	8.80E-07	3.06E-07	2.04E-04	3.22E-08	1.12E-08	5.75E-03	9.06E-07	3.16E-07	9.32E-05	1.47E-08	5.12E-09
2589	493080.5, 3860443.11	5.49E-03	8.65E-07	3.02E-07	1.78E-04	2.80E-08	9.76E-09	5.52E-03	8.70E-07	3.03E-07	2.06E-04	3.24E-08	1.13E-08	5.68E-03	8.96E-07	3.12E-07	9.38E-05	1.48E-08	5.15E-09
2590	493130.5, 3860443.11	5.43E-03	8.56E-07	2.98E-07	1.79E-04	2.82E-08	9.82E-09	5.46E-03	8.61E-07	3.00E-07	2.07E-04	3.26E-08	1.13E-08	5.62E-03	8.86E-07	3.09E-07	9.43E-05	1.49E-08	5.18E-09
2591	493180.5, 3860443.11	5.39E-03	8.49E-07	2.96E-07	1.79E-04	2.82E-08	9.83E-09	5.42E-03	8.53E-07	2.97E-07	2.07E-04	3.26E-08	1.14E-08	5.57E-03	8.78E-07	3.06E-07	9.44E-05	1.49E-08	5.18E-09
2592	493230.5, 3860443.11	5.32E-03	8.38E-07	2.92E-07	1.81E-04	2.84E-08	9.91E-09	5.35E-03	8.43E-07	2.94E-07	2.09E-04	3.29E-08	1.15E-08	5.50E-03	8.67E-07	3.02E-07	9.52E-05	1.50E-08	5.22E-09
2593	493280.5, 3860443.11	5.26E-03	8.29E-07	2.89E-07	1.82E-04	2.86E-08	9.97E-09	5.29E-03	8.34E-07	2.91E-07	2.10E-04	3.31E-08	1.15E-08	5.44E-03	8.57E-07	2.98E-07	9.58E-05	1.51E-08	5.26E-09
2594	493330.5, 3860443.11	5.20E-03	8.18E-07	2.85E-07	1.83E-04	2.88E-08	1.00E-08	5.23E-03	8.23E-07	2.87E-07	2.12E-04	3.33E-08	1.16E-08	5.37E-03	8.45E-07	2.95E-07	9.64E-05	1.52E-08	5.29E-09
2595	493380.5, 3860443.11	5.15E-03	8.11E-07	2.83E-07	1.83E-04	2.89E-08	1.01E-08	5.18E-03	8.16E-07	2.84E-07	2.12E-04	3.34E-08	1.16E-08	5.32E-03	8.37E-07	2.92E-07	9.67E-05	1.52E-08	5.31E-09
2596	493180.5, 3860493.11	5.29E-03	8.33E-07	2.90E-07	1.74E-04	2.74E-08	9.54E-09	5.32E-03	8.37E-07	2.92E-07	2.01E-04	3.17E-08	1.10E-08	5.47E-03	8.61E-07	3.00E-07	9.16E-05	1.44E-08	5.03E-09
2597	493230.5, 3860493.11	5.23E-03	8.24E-07	2.87E-07	1.75E-04	2.76E-08	9.61E-09	5.26E-03	8.28E-07	2.89E-07	2.02E-04	3.19E-08	1.11E-08	5.41E-03	8.52E-07	2.97E-07	9.23E-05	1.45E-08	5.06E-09
2598	493280.5, 3860493.11	5.17E-03	8.15E-07	2.84E-07	1.76E-04	2.78E-08	9.68E-09	5.20E-03	8.19E-07	2.85E-07	2.04E-04	3.21E-08	1.12E-08	5.35E-03	8.42E-07	2.93E-07	9.29E-05	1.46E-08	5.10E-09
2599	493330.5, 3860493.11	5.12E-03	8.06E-07	2.81E-07	1.77E-04	2.79E-08	9.73E-09	5.15E-03	8.11E-07	2.82E-07	2.05E-04	3.23E-08	1.12E-08	5.29E-03	8.33E-07	2.90E-07	9.34E-05	1.47E-08	5.13E-09
2600	493380.5, 3860493.11	5.07E-03	7.99E-07	2.78E-07	1.78E-04	2.80E-08	9.76E-09	5.10E-03	8.04E-07	2.80E-07	2.06E-04	3.24E-08	1.13E-08	5.24E-03	8.25E-07	2.87E-07	9.37E-05	1.48E-08	5.14E-09
2601	493330.5, 3860543.11	5.03E-03	7.92E-07	2.76E-07	1.72E-04	2.71E-08	9.44E-09	5.06E-03	7.97E-07	2.77E-07	1.99E-04	3.13E-08	1.09E-08	5.20E-03	8.19E-07	2.85E-07	9.06E-05	1.43E-08	4.97E-09
2602	493380.5, 3860543.11	4.98E-03	7.85E-07	2.73E-07	1.73E-04	2.72E-08	9.47E-09	5.01E-03	7.89E-07	2.75E-07	2.00E-04	3.14E-08	1.09E-08	5.15E-03	8.11E-07	2.83E-07	9.09E-05	1.43E-08	4.99E-09
2603	494135.94, 3860876.85	3.87E-03	6.09E-07	2.12E-07	1.51E-04	2.38E-08	8.29E-09	3.89E-03	6.13E-07	2.14E-07	1.75E-04	2.75E-08	9.58E-09	3.99E-03	6.28E-07	2.19E-07	7.95E-05	1.25E-08	4.36E-09
2604	494185.94, 3860876.85	3.84E-03	6.05E-07	2.11E-07	1.52E-04	2.39E-08	8.32E-09	3.87E-03	6.09E-07	2.12E-07	1.75E-04	2.76E-08	9.62E-09	3.96E-03	6.23E-07	2.17E-07	7.98E-05	1.26E-08	4.38E-09
2605	494135.94, 3860926.85	3.79E-03	5.97E-07	2.08E-07	1.47E-04	2.31E-08	8.06E-09	3.81E-03	6.01E-07	2.09E-07	1.70E-04	2.67E-08	9.32E-09	3.91E-03	6.15E-07	2.14E-07	7.73E-05	1.22E-08	4.24E-09
2606	494185.94, 3860926.85	3.76E-03	5.93E-07	2.07E-07	1.47E-04	2.32E-08	8.09E-09	3.79E-03	5.97E-07	2.08E-07	1.70E-04	2.69E-08	9.36E-09	3.88E-03	6.11E-07	2.13E-07	7.76E-05	1.22E-08	4.26E-09
2607	494135.94, 3860976.85	3.71E-03	5.85E-07	2.04E-07	1.43E-04	2.25E-08	7.84E-09	3.74E-03	5.89E-07	2.05E-07	1.65E-04	2.60E-08	9.06E-09	3.83E-03	6.03E-07	2.10E-07	7.52E-05	1.18E-08	4.12E-09
2608	494185.94, 3860976.85	3.69E-03	5.81E-07	2.02E-07	1.43E-04	2.26E-08	7.87E-09	3.71E-03	5.85E-07	2.04E-07	1.66E-04	2.61E-08	9.10E-09	3.80E-03	5.99E-07	2.09E-07	7.55E-05	1.19E-08	4.14E-09
2609	494135.94, 3861026.85	3.64E-03	5.73E-07	2.00E-07	1.39E-04	2.19E-08	7.62E-09	3.66E-03	5.76E-07	2.01E-07	1.61E-04	2.53E-08	8.81E-09	3.75E-03	5.90E-07	2.06E-07	7.31E-05	1.15E-08	4.01E-09

2610	494185.94, 3861026.85	3.61E-03	5.69E-07	1.98E-07	1.40E-04	2.20E-08	7.66E-09	3.64E-03	5.73E-07	2.00E-07	1.61E-04	2.54E-08	8.85E-09	3.72E-03	5.87E-07	2.04E-07	7.34E-05	1.16E-08	4.03E-09
2611	494135.94, 3861076.85	3.56E-03	5.61E-07	1.95E-07	1.35E-04	2.13E-08	7.41E-09	3.58E-03	5.64E-07	1.97E-07	1.56E-04	2.46E-08	8.57E-09	3.67E-03	5.78E-07	2.01E-07	7.10E-05	1.12E-08	3.90E-09
2612	494185.94, 3861076.85	3.54E-03	5.57E-07	1.94E-07	1.36E-04	2.14E-08	7.45E-09	3.56E-03	5.61E-07	1.95E-07	1.57E-04	2.47E-08	8.61E-09	3.65E-03	5.74E-07	2.00E-07	7.14E-05	1.12E-08	3.92E-09
2613	490360.04, 3858710.04	1.27E-02	2.00E-06	6.96E-07	4.70E-04	7.41E-08	2.58E-08	1.28E-02	2.01E-06	7.01E-07	5.43E-04	8.55E-08	2.98E-08	1.31E-02	2.06E-06	7.18E-07	2.49E-04	3.93E-08	1.37E-08
2614	490410.04, 3858710.04	1.24E-02	1.95E-06	6.81E-07	4.72E-04	7.43E-08	2.59E-08	1.25E-02	1.97E-06	6.85E-07	5.45E-04	8.58E-08	2.99E-08	1.28E-02	2.01E-06	7.01E-07	2.50E-04	3.94E-08	1.37E-08
2615	490460.04, 3858710.04	1.20E-02	1.90E-06	6.61E-07	4.73E-04	7.45E-08	2.60E-08	1.21E-02	1.91E-06	6.65E-07	5.46E-04	8.61E-08	3.00E-08	1.24E-02	1.95E-06	6.81E-07	2.51E-04	3.95E-08	1.38E-08
2616	490510.04, 3858710.04	1.18E-02	1.86E-06	6.47E-07	4.74E-04	7.46E-08	2.60E-08	1.19E-02	1.87E-06	6.51E-07	5.47E-04	8.62E-08	3.00E-08	1.21E-02	1.91E-06	6.65E-07	2.51E-04	3.96E-08	1.38E-08
2617	490560.04, 3858710.04	1.16E-02	1.82E-06	6.34E-07	4.74E-04	7.46E-08	2.60E-08	1.16E-02	1.83E-06	6.38E-07	5.47E-04	8.62E-08	3.00E-08	1.19E-02	1.87E-06	6.52E-07	2.51E-04	3.96E-08	1.38E-08
2618	490610.04, 3858710.04	1.13E-02	1.78E-06	6.21E-07	4.74E-04	7.46E-08	2.60E-08	1.14E-02	1.80E-06	6.25E-07	5.47E-04	8.62E-08	3.00E-08	1.16E-02	1.83E-06	6.38E-07	2.51E-04	3.96E-08	1.38E-08
2619	490660.04, 3858710.04	1.12E-02	1.76E-06	6.12E-07	4.73E-04	7.45E-08	2.60E-08	1.12E-02	1.77E-06	6.17E-07	5.46E-04	8.61E-08	3.00E-08	1.15E-02	1.81E-06	6.29E-07	2.51E-04	3.95E-08	1.38E-08
2620	490710.04, 3858710.04	1.09E-02	1.71E-06	5.97E-07	4.73E-04	7.45E-08	2.59E-08	1.10E-02	1.73E-06	6.02E-07	5.46E-04	8.60E-08	3.00E-08	1.12E-02	1.76E-06	6.13E-07	2.51E-04	3.95E-08	1.38E-08
2621	490760.04, 3858710.04	1.06E-02	1.68E-06	5.84E-07	4.72E-04	7.44E-08	2.59E-08	1.07E-02	1.69E-06	5.89E-07	5.45E-04	8.59E-08	2.99E-08	1.09E-02	1.72E-06	6.00E-07	2.50E-04	3.94E-08	1.37E-08
2622	490810.04, 3858710.04	1.04E-02	1.64E-06	5.72E-07	4.71E-04	7.42E-08	2.59E-08	1.05E-02	1.65E-06	5.76E-07	5.44E-04	8.57E-08	2.99E-08	1.07E-02	1.68E-06	5.86E-07	2.50E-04	3.93E-08	1.37E-08
2623	490860.04, 3858710.04	1.01E-02	1.60E-06	5.57E-07	4.70E-04	7.40E-08	2.58E-08	1.02E-02	1.61E-06	5.61E-07	5.43E-04	8.55E-08	2.98E-08	1.04E-02	1.64E-06	5.71E-07	2.49E-04	3.92E-08	1.37E-08
2624	490360.04, 3858760.04	1.30E-02	2.04E-06	7.12E-07	4.52E-04	7.13E-08	2.48E-08	1.30E-02	2.06E-06	7.16E-07	5.22E-04	8.23E-08	2.87E-08	1.34E-02	2.11E-06	7.35E-07	2.40E-04	3.78E-08	1.32E-08
2625	490410.04, 3858760.04	1.26E-02	1.99E-06	6.94E-07	4.54E-04	7.16E-08	2.49E-08	1.27E-02	2.00E-06	6.98E-07	5.25E-04	8.27E-08	2.88E-08	1.30E-02	2.06E-06	7.16E-07	2.41E-04	3.80E-08	1.32E-08
2626	490460.04, 3858760.04	1.23E-02	1.94E-06	6.75E-07	4.56E-04	7.18E-08	2.50E-08	1.24E-02	1.95E-06	6.80E-07	5.27E-04	8.30E-08	2.89E-08	1.27E-02	2.00E-06	6.96E-07	2.42E-04	3.81E-08	1.33E-08
2627	490510.04, 3858760.04	1.20E-02	1.89E-06	6.57E-07	4.57E-04	7.21E-08	2.51E-08	1.20E-02	1.90E-06	6.61E-07	5.28E-04	8.32E-08	2.90E-08	1.23E-02	1.94E-06	6.77E-07	2.43E-04	3.82E-08	1.33E-08
2628	490560.04, 3858760.04	1.17E-02	1.84E-06	6.42E-07	4.58E-04	7.22E-08	2.51E-08	1.18E-02	1.85E-06	6.46E-07	5.29E-04	8.33E-08	2.90E-08	1.20E-02	1.90E-06	6.61E-07	2.43E-04	3.83E-08	1.33E-08
2629	490610.04, 3858760.04	1.14E-02	1.80E-06	6.26E-07	4.58E-04	7.22E-08	2.52E-08	1.15E-02	1.81E-06	6.31E-07	5.29E-04	8.34E-08	2.91E-08	1.17E-02	1.85E-06	6.44E-07	2.43E-04	3.83E-08	1.33E-08
2630	490660.04, 3858760.04	1.12E-02	1.76E-06	6.12E-07	4.59E-04	7.22E-08	2.52E-08	1.12E-02	1.77E-06	6.17E-07	5.30E-04	8.34E-08	2.91E-08	1.15E-02	1.81E-06	6.30E-07	2.43E-04	3.83E-08	1.33E-08
2631	490710.04, 3858760.04	1.09E-02	1.72E-06	5.99E-07	4.58E-04	7.22E-08	2.52E-08	1.10E-02	1.73E-06	6.03E-07	5.29E-04	8.34E-08	2.91E-08	1.12E-02	1.77E-06	6.15E-07	2.43E-04	3.83E-08	1.33E-08
2632	490760.04, 3858760.04	1.06E-02	1.68E-06	5.84E-07	4.58E-04	7.22E-08	2.51E-08	1.07E-02	1.69E-06	5.88E-07	5.29E-04	8.33E-08	2.90E-08	1.09E-02	1.72E-06	5.99E-07	2.43E-04	3.82E-08	1.33E-08
2633	490810.04, 3858760.04	1.04E-02	1.64E-06	5.70E-07	4.57E-04	7.21E-08	2.51E-08	1.05E-02	1.65E-06	5.74E-07	5.28E-04	8.32E-08	2.90E-08	1.07E-02	1.68E-06	5.85E-07	2.42E-04	3.82E-08	1.33E-08
2634	490860.04, 3858760.04	1.02E-02	1.60E-06	5.57E-07	4.56E-04	7.19E-08	2.50E-08	1.02E-02	1.61E-06	5.62E-07	5.27E-04	8.30E-08	2.89E-08	1.04E-02	1.64E-06	5.72E-07	2.42E-04	3.81E-08	1.33E-08
2635	490360.04, 3858810.04	1.32E-02	2.08E-06	7.23E-07	4.35E-04	6.86E-08	2.39E-08	1.33E-02	2.09E-06	7.28E-07	5.03E-04	7.92E-08	2.76E-08	1.36E-02	2.15E-06	7.48E-07	2.31E-04	3.64E-08	1.27E-08
2636	490410.04, 3858810.04	1.28E-02	2.02E-06	7.04E-07	4.38E-04	6.89E-08	2.40E-08	1.29E-02	2.03E-06	7.08E-07	5.05E-04	7.96E-08	2.77E-08	1.32E-02	2.09E-06	7.27E-07	2.32E-04	3.66E-08	1.27E-08
2637	490460.04, 3858810.04	1.25E-02	1.96E-06	6.84E-07	4.40E-04	6.93E-08	2.41E-08	1.25E-02	1.98E-06	6.88E-07	5.08E-04	8.00E-08	2.79E-08	1.29E-02	2.03E-06	7.06E-07	2.33E-04	3.67E-08	1.28E-08
2638	490510.04, 3858810.04	1.22E-02	1.92E-06	6.69E-07	4.41E-04	6.95E-08	2.42E-08	1.23E-02	1.93E-06	6.73E-07	5.09E-04	8.02E-08	2.79E-08	1.26E-02	1.98E-06	6.90E-07	2.34E-04	3.68E-08	1.28E-08
2639	490560.04, 3858810.04	1.19E-02	1.87E-06	6.53E-07	4.42E-04	6.96E-08	2.43E-08	1.20E-02	1.88E-06	6.57E-07	5.10E-04	8.04E-08	2.80E-08	1.23E-02	1.93E-06	6.73E-07	2.34E-04	3.69E-08	1.29E-08
2640	490610.04, 3858810.04	1.15E-02	1.82E-06	6.33E-07	4.43E-04	6.98E-08	2.43E-08	1.16E-02	1.83E-06	6.38E-07	5.12E-04	8.06E-08	2.81E-08	1.19E-02	1.87E-06	6.53E-07	2.35E-04	3.70E-08	1.29E-08
2641	490660.04, 3858810.04	1.13E-02	1.77E-06	6.18E-07	4.44E-04	6.99E-08	2.43E-08	1.13E-02	1.78E-06	6.22E-07	5.12E-04	8.07E-08	2.81E-08	1.16E-02	1.83E-06	6.36E-07	2.35E-04	3.70E-08	1.29E-08
2642	490710.04, 3858810.04	1.10E-02	1.73E-06	6.01E-07	4.44E-04	6.99E-08	2.44E-08	1.10E-02	1.74E-06	6.05E-07	5.13E-04	8.08E-08	2.81E-08	1.13E-02	1.78E-06	6.18E-07	2.35E-04	3.71E-08	1.29E-08
2643	490760.04, 3858810.04	1.06E-02	1.67E-06	5.82E-07	4.44E-04	6.99E-08	2.44E-08	1.07E-02	1.68E-06	5.86E-07	5.13E-04	8.08E-08	2.81E-08	1.09E-02	1.72E-06	5.98E-07	2.35E-04	3.71E-08	1.29E-08
2644	490810.04, 3858810.04	1.04E-02	1.64E-06	5.72E-07	4.43E-04	6.99E-08	2.43E-08	1.05E-02	1.65E-06	5.76E-07	5.12E-04	8.07E-08	2.81E-08	1.07E-02	1.69E-06	5.88E-07	2.35E-04	3.70E-08	1.29E-08
2645	490860.04, 3858810.04	1.01E-02	1.60E-06	5.57E-07	4.43E-04	6.98E-08	2.43E-08	1.02E-02	1.61E-06	5.61E-07	5.11E-04	8.06E-08	2.81E-08	1.04E-02	1.64E-06	5.71E-07	2.35E-04	3.70E-08	1.29E-08
2646	490360.04, 3858860.04	1.33E-02	2.10E-06	7.30E-07	4.19E-04	6.60E-08	2.30E-08	1.34E-02	2.11E-06	7.34E-07	4.84E-04	7.62E-08	2.66E-08	1.38E-02	2.17E-06	7.56E-07	2.22E-04	3.50E-08	1.22E-08
2647	490410.04, 3858860.04	1.30E-02	2.05E-06	7.16E-07	4.21E-04	6.63E-08	2.31E-08	1.31E-02	2.07E-06	7.20E-07	4.86E-04	7.65E-08	2.67E-08	1.35E-02	2.12E-06	7.40E-07	2.23E-04	3.52E-08	1.23E-08
2648	490460.04, 3858860.04	1.26E-02	1.99E-06	6.93E-07	4.23E-04	6.67E-08	2.32E-08	1.27E-02	2.00E-06	6.97E-07	4.89E-04	7.70E-08	2.68E-08	1.31E-02	2.06E-06	7.17E-07	2.25E-04	3.54E-08	1.23E-08
2649	490510.04, 3858860.04	1.24E-02	1.95E-06	6.80E-07	4.25E-04	6.69E-08	2.33E-08	1.25E-02	1.96E-06	6.84E-07	4.90E-04	7.72E-08	2.69E-08	1.28E-02	2.02E-06	7.02E-07	2.25E-04	3.55E-08	1.24E-08
2650	490560.04, 3858860.04	1.20E-02	1.90E-06	6.61E-07	4.26E-04	6.71E-08	2.34E-08	1.21E-02	1.91E-06	6.65E-07	4.92E-04	7.75E-08	2.70E-08	1.24E-02	1.96E-06	6.82E-07	2.26E-04	3.56E-08	1.24E-08
2651	490610.04, 3858860.04	1.16E-02	1.83E-06	6.37E-07	4.28E-04	6.74E-08	2.35E-08	1.17E-02	1.84E-06	6.41E-07	4.94E-04	7.78E-08	2.71E-08	1.20E-02	1.89E-06	6.57E-07	2.27E-04	3.57E-08	1.25E-08
2652	490660.04, 3858860.04	1.13E-02	1.78E-06	6.21E-07	4.29E-04	6.75E-08	2.35E-08	1.14E-02	1.79E-06	6.25E-07	4.95E-04	7.80E-08	2.72E-08	1.17E-02	1.84E-06	6.40E-07	2.27E-04	3.58E-08	1.25E-08
2653	490710.04, 3858860.04	1.11E-02	1.75E-06	6.08E-07	4.29E-04	6.76E-08	2.35E-08	1.12E-02	1.76E-06	6.12E-07	4.96E-04	7.81E-08	2.72E-08	1.14E-02	1.80E-06	6.26E-07	2.27E-04	3.58E-08	1.25E-08
2654	490760.04, 3858860.04	1.07E-02	1.69E-06	5.88E-07	4.30E-04	6.77E-08	2.36E-08	1.08E-02	1.70E-06	5.92E-07	4.96E-04	7.81E-08	2.72E-08	1.10E-02	1.74E-06	6.06E-07	2.28E-04	3.59E-08	1.25E-08
2655	490810.04, 3858860.04	1.04E-02	1.64E-06	5.71E-07	4.30E-04	6.77E-08	2.36E-08	1.05E-02	1.65E-06	5.75E-07	4.96E-04	7.82E-08	2.72E-08	1.07E-02	1.68E-06	5.87E-07	2.28E-04	3.59E-08	1.25E-08
2656	490860.04, 3858860.04	1.01E-02	1.59E-06	5.53E-07	4.29E-04	6.76E-08	2.36E-08	1.02E-02	1.60E-06	5.57E-07	4.96E-04	7.81E-08	2.72E-08	1.04E-02	1.63E-06	5.68E-07	2.27E-04	3.58E-08	1.25E-08
2657	490360.04, 3858910.04	1.36E-02	2.15E-06	7.48E-07	4.02E-04	6.33E-08	2.20E-08	1.37E-02	2.16E-06	7.52E-07	4.64E-04	7.30E-08	2.54E-08	1.41E-02	2.23E-06	7.75E-07	2.13E-04	3.36E-08	1.17E-08
2658	490410.04, 3858910.04	1.33E-02	2.09E-06	7.28E-07	4.04E-04	6.37E-08	2.22E-08	1.33E-02	2.10E-06	7.32E-07	4.67E-04	7.35E-08	2.56E-08	1.37E-02	2.16E-06	7.54E-07	2.15E-04	3.38E-08	1.18E-08
2659	490460.04, 3858910.04	1.29E-02	2.03E-06	7.07E-07	4.06E-04	6.40E-08	2.23E-08	1.30E-02	2.04E-06	7.11E-07	4.69E-04	7.39E-08	2.58E-08	1.33E-02	2.10E-06	7.32E-07	2.16E-04	3.40E-08	1.18E-08
2660	490510.04, 3858910.04	1.25E-02	1.97E-06	6.86E-07	4.09E-04	6.44E-08	2.24E-08	1.26E-02	1.98E-06	6.90E-07	4.72E-04	7.44E-08	2.59E-08	1.29E-02	2.04E-06	7.09E-07	2.17E-04	3.42E-08	1.19E-08
2661	490560.04, 3858910.04	1.21E-02	1.91E-06	6.64E-07	4.11E-04	6.47E-08	2.25E-08	1.22E-02	1.92E-06	6.68E-07	4.74E-04	7.47E-08	2.60E-08	1.25E-02	1.97E-06	6.86E-07	2.18E-04	3.43E-08	1.20E-08
2662	490610.04, 3858910.04	1.17E-02	1.84E-06	6.42E-07	4.12E-04	6.50E-08	2.26E-08	1.18E-02	1.86E-06	6.46E-07	4.76E-04	7.50E-08	2.61E-08	1.21E-02	1.90E-06	6.63E-07	2.19E-04	3.45E-08	1.20E-08
2663	490660.04, 3858910.04	1.14E-02	1.79E-06	6.25E-07	4.14E-04	6.52E-08	2.27E-08	1.15E-02	1.80E-06	6.29E-07	4.78E-04	7.52E-08	2.62E-08	1.17E-02	1.85E-06	6.45E-07	2.19E-04	3.46E-08	1.20E-08
2664	490710.04, 3858910.04	1.10E-02	1.74E-06	6.06E-07	4.15E-04	6.53E-08	2.28E-08	1.11E-02	1.75E-06	6.10E-07	4.79E-04	7.54E-08	2.63E-08	1.14E-02	1.79E-06	6.25E-07	2.20E-04	3.46E-08	1.21E-08
2665	490760.04, 3858910.04	1.07E-02	1.68E-06	5.85E-07	4.15E-04	6.54E-08	2.28E-08	1.07E-02	1.69E-06	5.89E-07	4.80E-04	7.56E-08	2.63E-08	1.10E-02	1.73E-06	6.02E-07	2.20E-04	3.47E-08	1.21E-08
2666	490810.04, 3858910.04	1.04E-02	1.63E-06	5.69E-07	4.16E-04	6.55E-08	2.28E-08	1.04E-02	1.65E-06	5.73E-07	4.80E-04	7.56E-08	2.63E-08	1.07E-02	1.68E-06	5.86E-07	2.20E-04	3.47E-08	1.21E-08
2667	490860.04, 3858910.04	1.00E-02	1.58E-06	5.50E-07	4.15E-04	6.54E-08	2.28E-08	1.01E-02	1.59E-06	5.53E-07	4.80E-04	7.56E-08	2.63E-08	1.03E-02	1.62E-06	5.65E-07	2.20E-04	3.47E-08	1.21E-08
2668	490360.04, 3858960.04	1.38E-02	2.17E-06	7.57E-07	3.85E-04	6.07E-08	2.12E-08	1.39E-02	2.18E-06	7.61E-07	4.45E-04	7.01E-08	2.44E-08	1.43E-02	2.25E-06	7.85E-07	2.05E-04	3.23E-08	1.12E-08
2669	490410.04, 3858960.04	1.34E-02	2.11E-06	7.34E-07	3.88E-04	6.12E-08	2.13E-08	1.34E-02	2.12E-06	7.37E-07	4.48E-04	7.06E-08	2.46E-08	1.39E-02	2.18E-06	7.60E-07	2.06E-04	3.25E-08	1.13E-08
2670	490460.04, 3858960.04	1.29E-02	2.04E-06	7.09E-07	3.91E-04	6.16E-08	2.15E-08	1.30E-02	2.05E-06	7.13E-07	4.51E-04	7.11E-08	2.48E-08	1.34E-02	2.11E-06	7.35E-07	2.08E-04	3.27E-08	1.14E-08
2671	490510.04, 3858960.04	1.25E-02	1.97E-06	6.88E-07	3.93E-04	6.20E-08	2.16E-08	1.26E-02	1.98E-06	6.91E-07	4.54E-04	7.15E-08	2.49E-08	1.30E-02	2.04E-06	7.12E-07	2.09E-04	3.29E-08	1.15E-08
2672	490560.04, 3858960.04	1.22E-02	1.91E-06	6.67E-07	3.95E-04	6.23E-08	2.17E-08	1.22E-02	1.92E-06	6.71E-07	4.57E-04	7.19E-08	2.51E-08	1.26E-02	1.98E-06	6.90E-07	2.10E-04	3.31E-08	1.15E-08
2673	490610.04, 3858960.04	1.17E-02	1.84E-06	6.42E-07	3.97E-04	6.26E-08	2.18E-08	1.18E-02	1.85E-06	6.46E-07	4.59E-04	7.23E-08	2.52E-08	1.21E-02	1.90E-06	6.63E-07	2.11E-04	3.32E-08	1.16E-08
2674	490660.04, 3858960.04	1.14E-02	1.80E-06	6.28E-07	3.99E-04	6.28E-08	2.19E-08	1.15E-02	1.81E-06	6.32E-07	4.60E-04	7.25E-08	2.53E-08	1.18E-02	1.86E-06	6.49E-07	2.11E-04	3.33E-08	1.16E-08
2675	490710.04, 3858960.04	1.10E-02	1.74E-06	6.05E-07	4.00E-04	6.30E-08	2.20E-08	1.11E-02	1.75E-06	6.09E-07	4.62E-04	7.28E-08	2.54E-08	1.14E-02	1.79E-06	6.24E-07	2.12E-04	3.34E-08	1.16E-08
2676	490760.04, 3858960.04	1.07E-02	1.68E-06	5.85E-07	4.01E-04	6.32E-08	2.20E-08	1.07E-02	1.69E-06	5.89E-07	4.63E-04	7.29E-08	2.54E-08	1.10E-02	1.73E-06	6.03E-07	2.13E-04	3.35E-08	1.17E-08

2677	490810.04, 3858960.04	1.03E-02	1.63E-06	5.66E-07	4.01E-04	6.32E-08	2.20E-08	1.04E-02	1.64E-06	5.70E-07	4.64E-04	7.30E-08	2.54E-08	1.06E-02	1.67E-06	5.83E-07	2.13E-04	3.35E-08	1.17E-08
2678	490860.04, 3858960.04	9.93E-03	1.56E-06	5.45E-07	4.02E-04	6.33E-08	2.20E-08	1.00E-02	1.58E-06	5.49E-07	4.64E-04	7.31E-08	2.55E-08	1.02E-02	1.61E-06	5.61E-07	2.13E-04	3.36E-08	1.17E-08
2679	490360.04, 3859010.04	1.39E-02	2.20E-06	7.65E-07	3.70E-04	5.83E-08	2.03E-08	1.40E-02	2.21E-06	7.68E-07	4.27E-04	6.73E-08	2.34E-08	1.45E-02	2.28E-06	7.94E-07	1.97E-04	3.10E-08	1.08E-08
2680	490410.04, 3859010.04	1.35E-02	2.12E-06	7.38E-07	3.73E-04	5.87E-08	2.05E-08	1.35E-02	2.13E-06	7.42E-07	4.31E-04	6.78E-08	2.36E-08	1.40E-02	2.20E-06	7.66E-07	1.98E-04	3.12E-08	1.09E-08
2681	490460.04, 3859010.04	1.29E-02	2.04E-06	7.09E-07	3.76E-04	5.92E-08	2.06E-08	1.30E-02	2.05E-06	7.13E-07	4.34E-04	6.84E-08	2.38E-08	1.34E-02	2.11E-06	7.35E-07	2.00E-04	3.14E-08	1.10E-08
2682	490510.04, 3859010.04	1.24E-02	1.96E-06	6.82E-07	3.78E-04	5.96E-08	2.08E-08	1.25E-02	1.97E-06	6.85E-07	4.37E-04	6.88E-08	2.40E-08	1.29E-02	2.03E-06	7.06E-07	2.01E-04	3.17E-08	1.10E-08
2683	490560.04, 3859010.04	1.21E-02	1.91E-06	6.65E-07	3.80E-04	5.99E-08	2.09E-08	1.22E-02	1.92E-06	6.68E-07	4.39E-04	6.92E-08	2.41E-08	1.25E-02	1.98E-06	6.88E-07	2.02E-04	3.18E-08	1.11E-08
2684	490610.04, 3859010.04	1.17E-02	1.84E-06	6.40E-07	3.82E-04	6.02E-08	2.10E-08	1.17E-02	1.85E-06	6.44E-07	4.42E-04	6.96E-08	2.42E-08	1.21E-02	1.90E-06	6.62E-07	2.03E-04	3.20E-08	1.11E-08
2685	490660.04, 3859010.04	1.14E-02	1.80E-06	6.27E-07	3.84E-04	6.05E-08	2.11E-08	1.15E-02	1.81E-06	6.30E-07	4.43E-04	6.98E-08	2.43E-08	1.18E-02	1.86E-06	6.48E-07	2.04E-04	3.21E-08	1.12E-08
2686	490710.04, 3859010.04	1.10E-02	1.73E-06	6.02E-07	3.86E-04	6.07E-08	2.12E-08	1.10E-02	1.74E-06	6.06E-07	4.45E-04	7.01E-08	2.44E-08	1.13E-02	1.79E-06	6.22E-07	2.05E-04	3.22E-08	1.12E-08
2687	490760.04, 3859010.04	1.06E-02	1.67E-06	5.81E-07	3.87E-04	6.09E-08	2.12E-08	1.07E-02	1.68E-06	5.85E-07	4.46E-04	7.03E-08	2.45E-08	1.09E-02	1.72E-06	5.99E-07	2.05E-04	3.23E-08	1.13E-08
2688	490810.04, 3859010.04	1.02E-02	1.61E-06	5.60E-07	3.87E-04	6.10E-08	2.13E-08	1.03E-02	1.62E-06	5.64E-07	4.47E-04	7.05E-08	2.45E-08	1.05E-02	1.66E-06	5.77E-07	2.05E-04	3.24E-08	1.13E-08
2689	490860.04, 3859010.04	9.87E-03	1.56E-06	5.42E-07	3.88E-04	6.11E-08	2.13E-08	9.94E-03	1.57E-06	5.46E-07	4.48E-04	7.06E-08	2.46E-08	1.02E-02	1.60E-06	5.58E-07	2.06E-04	3.24E-08	1.13E-08
2690	490360.04, 3859060.04	1.40E-02	2.21E-06	7.69E-07	3.56E-04	5.60E-08	1.95E-08	1.41E-02	2.22E-06	7.72E-07	4.10E-04	6.47E-08	2.25E-08	1.46E-02	2.29E-06	7.99E-07	1.89E-04	2.98E-08	1.04E-08
2691	490410.04, 3859060.04	1.34E-02	2.11E-06	7.35E-07	3.59E-04	5.65E-08	1.97E-08	1.34E-02	2.12E-06	7.38E-07	4.14E-04	6.52E-08	2.27E-08	1.39E-02	2.19E-06	7.62E-07	1.91E-04	3.00E-08	1.05E-08
2692	490460.04, 3859060.04	1.29E-02	2.03E-06	7.07E-07	3.61E-04	5.69E-08	1.98E-08	1.29E-02	2.04E-06	7.10E-07	4.17E-04	6.57E-08	2.29E-08	1.34E-02	2.10E-06	7.33E-07	1.92E-04	3.02E-08	1.05E-08
2693	490510.04, 3859060.04	1.24E-02	1.96E-06	6.83E-07	3.64E-04	5.73E-08	2.00E-08	1.25E-02	1.97E-06	6.86E-07	4.20E-04	6.61E-08	2.30E-08	1.29E-02	2.03E-06	7.08E-07	1.93E-04	3.04E-08	1.06E-08
2694	490560.04, 3859060.04	1.20E-02	1.88E-06	6.56E-07	3.66E-04	5.76E-08	2.01E-08	1.20E-02	1.89E-06	6.60E-07	4.22E-04	6.65E-08	2.32E-08	1.24E-02	1.95E-06	6.80E-07	1.94E-04	3.06E-08	1.07E-08
2695	490610.04, 3859060.04	1.16E-02	1.83E-06	6.38E-07	3.68E-04	5.79E-08	2.02E-08	1.17E-02	1.84E-06	6.41E-07	4.25E-04	6.69E-08	2.33E-08	1.20E-02	1.89E-06	6.60E-07	1.95E-04	3.08E-08	1.07E-08
2696	490660.04, 3859060.04	1.13E-02	1.78E-06	6.20E-07	3.69E-04	5.82E-08	2.03E-08	1.14E-02	1.79E-06	6.24E-07	4.27E-04	6.72E-08	2.34E-08	1.17E-02	1.84E-06	6.42E-07	1.96E-04	3.09E-08	1.08E-08
2697	490710.04, 3859060.04	1.09E-02	1.71E-06	5.96E-07	3.71E-04	5.84E-08	2.04E-08	1.09E-02	1.72E-06	5.99E-07	4.28E-04	6.75E-08	2.35E-08	1.12E-02	1.77E-06	6.15E-07	1.97E-04	3.10E-08	1.08E-08
2698	490760.04, 3859060.04	1.05E-02	1.65E-06	5.74E-07	3.72E-04	5.86E-08	2.04E-08	1.05E-02	1.66E-06	5.77E-07	4.30E-04	6.77E-08	2.36E-08	1.08E-02	1.70E-06	5.92E-07	1.98E-04	3.11E-08	1.08E-08
2699	490810.04, 3859060.04	1.01E-02	1.59E-06	5.53E-07	3.73E-04	5.88E-08	2.05E-08	1.01E-02	1.60E-06	5.56E-07	4.31E-04	6.79E-08	2.37E-08	1.04E-02	1.64E-06	5.70E-07	1.98E-04	3.12E-08	1.09E-08
2700	490860.04, 3859060.04	9.73E-03	1.53E-06	5.34E-07	3.73E-04	5.88E-08	2.05E-08	9.79E-03	1.54E-06	5.37E-07	4.31E-04	6.79E-08	2.37E-08	1.00E-02	1.58E-06	5.50E-07	1.98E-04	3.12E-08	1.09E-08
2701	490360.04, 3859110.04	1.41E-02	2.23E-06	7.76E-07	3.42E-04	5.38E-08	1.88E-08	1.42E-02	2.24E-06	7.79E-07	3.94E-04	6.21E-08	2.16E-08	1.47E-02	2.32E-06	8.07E-07	1.82E-04	2.86E-08	9.98E-09
2702	490410.04, 3859110.04	1.35E-02	2.13E-06	7.41E-07	3.45E-04	5.43E-08	1.89E-08	1.36E-02	2.14E-06	7.44E-07	3.98E-04	6.26E-08	2.18E-08	1.40E-02	2.21E-06	7.69E-07	1.83E-04	2.89E-08	1.01E-08
2703	490460.04, 3859110.04	1.30E-02	2.05E-06	7.15E-07	3.47E-04	5.46E-08	1.90E-08	1.31E-02	2.06E-06	7.18E-07	4.00E-04	6.31E-08	2.20E-08	1.35E-02	2.13E-06	7.42E-07	1.84E-04	2.90E-08	1.01E-08
2704	490510.04, 3859110.04	1.24E-02	1.95E-06	6.78E-07	3.49E-04	5.50E-08	1.92E-08	1.24E-02	1.95E-06	6.81E-07	4.03E-04	6.35E-08	2.21E-08	1.28E-02	2.02E-06	7.03E-07	1.86E-04	2.93E-08	1.02E-08
2705	490560.04, 3859110.04	1.19E-02	1.88E-06	6.53E-07	3.52E-04	5.54E-08	1.93E-08	1.20E-02	1.89E-06	6.57E-07	4.06E-04	6.39E-08	2.23E-08	1.23E-02	1.94E-06	6.77E-07	1.87E-04	2.94E-08	1.03E-08
2706	490610.04, 3859110.04	1.14E-02	1.80E-06	6.28E-07	3.53E-04	5.57E-08	1.94E-08	1.15E-02	1.81E-06	6.31E-07	4.08E-04	6.43E-08	2.24E-08	1.18E-02	1.87E-06	6.50E-07	1.88E-04	2.96E-08	1.03E-08
2707	490660.04, 3859110.04	1.10E-02	1.73E-06	6.02E-07	3.55E-04	5.59E-08	1.95E-08	1.10E-02	1.74E-06	6.05E-07	4.10E-04	6.46E-08	2.25E-08	1.13E-02	1.79E-06	6.22E-07	1.89E-04	2.97E-08	1.04E-08
2708	490710.04, 3859110.04	1.07E-02	1.68E-06	5.85E-07	3.57E-04	5.62E-08	1.96E-08	1.07E-02	1.69E-06	5.88E-07	4.12E-04	6.49E-08	2.26E-08	1.10E-02	1.73E-06	6.04E-07	1.89E-04	2.98E-08	1.04E-08
2709	490760.04, 3859110.04	1.03E-02	1.62E-06	5.64E-07	3.58E-04	5.64E-08	1.97E-08	1.03E-02	1.63E-06	5.68E-07	4.13E-04	6.51E-08	2.27E-08	1.06E-02	1.67E-06	5.83E-07	1.90E-04	3.00E-08	1.04E-08
2710	490810.04, 3859110.04	9.87E-03	1.56E-06	5.42E-07	3.58E-04	5.64E-08	1.97E-08	9.93E-03	1.56E-06	5.45E-07	4.14E-04	6.52E-08	2.27E-08	1.02E-02	1.60E-06	5.59E-07	1.90E-04	3.00E-08	1.04E-08
2711	490860.04, 3859110.04	9.49E-03	1.49E-06	5.21E-07	3.59E-04	5.65E-08	1.97E-08	9.55E-03	1.50E-06	5.24E-07	4.14E-04	6.52E-08	2.27E-08	9.78E-03	1.54E-06	5.37E-07	1.90E-04	3.00E-08	1.05E-08
2712	490360.04, 3859160.04	1.43E-02	2.26E-06	7.86E-07	3.29E-04	5.18E-08	1.80E-08	1.44E-02	2.26E-06	7.89E-07	3.79E-04	5.98E-08	2.08E-08	1.49E-02	2.35E-06	8.17E-07	1.75E-04	2.76E-08	9.60E-09
2713	490410.04, 3859160.04	1.37E-02	2.15E-06	7.50E-07	3.31E-04	5.22E-08	1.82E-08	1.37E-02	2.16E-06	7.53E-07	3.82E-04	6.02E-08	2.10E-08	1.42E-02	2.24E-06	7.80E-07	1.76E-04	2.78E-08	9.67E-09
2714	490460.04, 3859160.04	1.31E-02	2.06E-06	7.19E-07	3.33E-04	5.25E-08	1.83E-08	1.32E-02	2.07E-06	7.22E-07	3.85E-04	6.06E-08	2.11E-08	1.36E-02	2.14E-06	7.47E-07	1.77E-04	2.79E-08	9.73E-09
2715	490510.04, 3859160.04	1.26E-02	1.98E-06	6.89E-07	3.36E-04	5.29E-08	1.84E-08	1.26E-02	1.99E-06	6.92E-07	3.87E-04	6.10E-08	2.13E-08	1.30E-02	2.05E-06	7.15E-07	1.78E-04	2.81E-08	9.79E-09
2716	490560.04, 3859160.04	1.19E-02	1.88E-06	6.55E-07	3.38E-04	5.32E-08	1.85E-08	1.20E-02	1.89E-06	6.58E-07	3.90E-04	6.14E-08	2.14E-08	1.24E-02	1.95E-06	6.80E-07	1.80E-04	2.83E-08	9.85E-09
2717	490610.04, 3859160.04	1.15E-02	1.81E-06	6.32E-07	3.40E-04	5.35E-08	1.86E-08	1.16E-02	1.82E-06	6.35E-07	3.92E-04	6.18E-08	2.15E-08	1.19E-02	1.88E-06	6.55E-07	1.81E-04	2.84E-08	9.91E-09
2718	490660.04, 3859160.04	1.08E-02	1.70E-06	5.93E-07	3.41E-04	5.38E-08	1.87E-08	1.09E-02	1.71E-06	5.96E-07	3.94E-04	6.21E-08	2.16E-08	1.12E-02	1.76E-06	6.13E-07	1.81E-04	2.86E-08	9.95E-09
2719	490710.04, 3859160.04	1.05E-02	1.65E-06	5.74E-07	3.43E-04	5.40E-08	1.88E-08	1.05E-02	1.66E-06	5.77E-07	3.96E-04	6.24E-08	2.17E-08	1.08E-02	1.70E-06	5.94E-07	1.82E-04	2.87E-08	1.00E-08
2720	490760.04, 3859160.04	9.96E-03	1.57E-06	5.46E-07	3.43E-04	5.40E-08	1.88E-08	1.00E-02	1.58E-06	5.50E-07	3.96E-04	6.23E-08	2.17E-08	1.03E-02	1.62E-06	5.64E-07	1.82E-04	2.87E-08	9.99E-09
2721	490810.04, 3859160.04	9.65E-03	1.52E-06	5.30E-07	3.44E-04	5.42E-08	1.89E-08	9.71E-03	1.53E-06	5.33E-07	3.97E-04	6.25E-08	2.18E-08	9.96E-03	1.57E-06	5.47E-07	1.83E-04	2.88E-08	1.00E-08
2722	490860.04, 3859160.04	9.33E-03	1.47E-06	5.12E-07	3.44E-04	5.43E-08	1.89E-08	9.39E-03	1.48E-06	5.15E-07	3.98E-04	6.27E-08	2.18E-08	9.62E-03	1.52E-06	5.28E-07	1.83E-04	2.88E-08	1.00E-08
2723	490360.04, 3859210.04	1.45E-02	2.28E-06	7.94E-07	3.17E-04	4.99E-08	1.74E-08	1.45E-02	2.29E-06	7.97E-07	3.65E-04	5.76E-08	2.01E-08	1.51E-02	2.37E-06	8.27E-07	1.69E-04	2.66E-08	9.26E-09
2724	490410.04, 3859210.04	1.40E-02	2.21E-06	7.69E-07	3.18E-04	5.02E-08	1.75E-08	1.41E-02	2.21E-06	7.72E-07	3.67E-04	5.79E-08	2.02E-08	1.46E-02	2.30E-06	8.00E-07	1.70E-04	2.67E-08	9.30E-09
2725	490460.04, 3859210.04	1.32E-02	2.08E-06	7.24E-07	3.21E-04	5.06E-08	1.76E-08	1.32E-02	2.09E-06	7.27E-07	3.70E-04	5.84E-08	2.03E-08	1.37E-02	2.16E-06	7.52E-07	1.71E-04	2.69E-08	9.37E-09
2726	490510.04, 3859210.04	1.26E-02	1.98E-06	6.91E-07	3.23E-04	5.09E-08	1.77E-08	1.26E-02	1.99E-06	6.94E-07	3.73E-04	5.87E-08	2.05E-08	1.31E-02	2.06E-06	7.18E-07	1.72E-04	2.71E-08	9.43E-09
2727	490560.04, 3859210.04	1.22E-02	1.91E-06	6.67E-07	3.25E-04	5.12E-08	1.78E-08	1.22E-02	1.92E-06	6.70E-07	3.75E-04	5.90E-08	2.06E-08	1.26E-02	1.99E-06	6.92E-07	1.73E-04	2.72E-08	9.48E-09
2728	490610.04, 3859210.04	1.16E-02	1.83E-06	6.38E-07	3.27E-04	5.14E-08	1.79E-08	1.17E-02	1.84E-06	6.41E-07	3.77E-04	5.94E-08	2.07E-08	1.20E-02	1.90E-06	6.61E-07	1.74E-04	2.74E-08	9.53E-09
2729	490660.04, 3859210.04	1.09E-02	1.72E-06	6.00E-07	3.28E-04	5.17E-08	1.80E-08	1.10E-02	1.73E-06	6.03E-07	3.79E-04	5.97E-08	2.08E-08	1.13E-02	1.78E-06	6.21E-07	1.74E-04	2.75E-08	9.57E-09
2730	490710.04, 3859210.04	1.05E-02	1.66E-06	5.77E-07	3.30E-04	5.19E-08	1.81E-08	1.06E-02	1.67E-06	5.80E-07	3.81E-04	6.00E-08	2.09E-08	1.09E-02	1.71E-06	5.97E-07	1.75E-04	2.76E-08	9.62E-09
2731	490760.04, 3859210.04	9.98E-03	1.57E-06	5.48E-07	3.30E-04	5.19E-08	1.81E-08	1.00E-02	1.58E-06	5.51E-07	3.81E-04	5.99E-08	2.09E-08	1.03E-02	1.62E-06	5.66E-07	1.75E-04	2.76E-08	9.61E-09
2732	490810.04, 3859210.04	9.81E-03	1.54E-06	5.38E-07	3.31E-04	5.22E-08	1.82E-08	9.86E-03	1.55E-06	5.41E-07	3.82E-04	6.02E-08	2.10E-08	1.01E-02	1.60E-06	5.56E-07	1.76E-04	2.77E-08	9.65E-09
2733	490860.04, 3859210.04	9.62E-03	1.52E-06	5.28E-07	3.33E-04	5.24E-08	1.83E-08	9.68E-03	1.53E-06	5.31E-07	3.84E-04	6.05E-08	2.11E-08	9.94E-03	1.57E-06	5.46E-07	1.77E-04	2.78E-08	9.69E-09
2734	490360.04, 3859260.04	1.45E-02	2.29E-06	7.97E-07	3.06E-04	4.82E-08	1.68E-08	1.46E-02	2.30E-06	8.00E-07	3.53E-04	5.56E-08	1.94E-08	1.51E-02	2.38E-06	8.31E-07	1.63E-04	2.57E-08	8.95E-09
2735	490410.04, 3859260.04	1.40E-02	2.20E-06	7.68E-07	3.08E-04	4.84E-08	1.69E-08	1.40E-02	2.21E-06	7.71E-07	3.55E-04	5.59E-08	1.95E-08	1.46E-02	2.29E-06	7.99E-07	1.64E-04	2.58E-08	8.99E-09
2736	490460.04, 3859260.04	1.35E-02	2.13E-06	7.43E-07	3.09E-04	4.87E-08	1.70E-08	1.36E-02	2.14E-06	7.46E-07	3.57E-04	5.62E-08	1.96E-08	1.41E-02	2.22E-06	7.73E-07	1.65E-04	2.59E-08	9.03E-09
2737	490510.04, 3859260.04	1.31E-02	2.06E-06	7.19E-07	3.10E-04	4.89E-08	1.70E-08	1.32E-02	2.07E-06	7.22E-07	3.58E-04	5.64E-08	1.97E-08	1.36E-02	2.15E-06	7.48E-07	1.65E-04	2.60E-08	9.07E-09
2738	490560.04, 3859260.04	1.25E-02	1.97E-06	6.88E-07	3.12E-04	4.92E-08	1.71E-08	1.26E-02	1.98E-06	6.91E-07	3.60E-04	5.68E-08	1.98E-08	1.30E-02	2.05E-06	7.15E-07	1.66E-04	2.62E-08	9.12E-09
2739	490610.04, 3859260.04	1.18E-02	1.86E-06	6.49E-07	3.14E-04	4.95E-08	1.72E-08	1.19E-02	1.87E-06	6.52E-07	3.63E-04	5.71E-08	1.99E-08	1.23E-02	1.93E-06	6.73E-07	1.67E-04	2.63E-08	9.17E-09
2740	490660.04, 3859260.04	1.16E-02	1.82E-06	6.35E-07	3.16E-04	4.97E-08	1.73E-08	1.16E-02	1.83E-06	6.38E-07	3.64E-04	5.74E-08	2.00E-08	1.20E-02	1.89E-06	6.59E-07	1.68E-04	2.65E-08	9.21E-09
2741	490710.04, 3859260.04	1.12E-02	1.76E-06	6.12E-07	3.17E-04	5.00E-08	1.74E-08	1.12E-02	1.77E-06	6.15E-07	3.66E-04	5.77E-08	2.01E-08	1.16E-02	1.82E-06	6.35E-07	1.69E-04	2.66E-08	9.26E-09
2742	490760.04, 3859260.04	1.05E-02	1.66E-06	5.78E-07	3.19E-04	5.02E-08	1.75E-08	1.06E-02	1.67E-06	5.81E-07	3.68E-04	5.80E-08	2.02E-08	1.09E-02	1.72E-06	5.99E-07	1.69E-04	2.67E-08	9.30E-09
2743	490810.04, 3859260.04	1.03E-02	1.62E-06	5.64E-07	3.20E-04	5.05E-08	1.76E-08	1.03E-02	1.63E-06	5.67E-07	3.70E-04	5.83E-08	2.03E-08	1.06E-02	1.68E-06	5.84E-07	1.70E-04	2.68E-08	9.34E-09

2744	490860.04, 3859260.04	1.00E-02	1.58E-06	5.51E-07	3.22E-04	5.07E-08	1.77E-08	1.01E-02	1.59E-06	5.54E-07	3.72E-04	5.85E-08	2.04E-08	1.04E-02	1.64E-06	5.70E-07	1.71E-04	2.69E-08	9.39E-09
2745	490360.04, 3859310.04	1.48E-02	2.33E-06	8.12E-07	2.96E-04	4.66E-08	1.62E-08	1.48E-02	2.34E-06	8.15E-07	3.41E-04	5.37E-08	1.87E-08	1.54E-02	2.43E-06	8.47E-07	1.58E-04	2.48E-08	8.65E-09
2746	490410.04, 3859310.04	1.42E-02	2.24E-06	7.82E-07	2.97E-04	4.68E-08	1.63E-08	1.43E-02	2.25E-06	7.85E-07	3.43E-04	5.40E-08	1.88E-08	1.48E-02	2.34E-06	8.15E-07	1.58E-04	2.49E-08	8.68E-09
2747	490460.04, 3859310.04	1.38E-02	2.17E-06	7.55E-07	2.98E-04	4.70E-08	1.64E-08	1.38E-02	2.17E-06	7.58E-07	3.44E-04	5.42E-08	1.89E-08	1.43E-02	2.26E-06	7.86E-07	1.59E-04	2.50E-08	8.72E-09
2748	490510.04, 3859310.04	1.34E-02	2.10E-06	7.33E-07	2.99E-04	4.71E-08	1.64E-08	1.34E-02	2.11E-06	7.36E-07	3.45E-04	5.44E-08	1.90E-08	1.39E-02	2.19E-06	7.63E-07	1.59E-04	2.51E-08	8.75E-09
2749	490560.04, 3859310.04	1.29E-02	2.04E-06	7.10E-07	3.01E-04	4.74E-08	1.65E-08	1.30E-02	2.05E-06	7.13E-07	3.47E-04	5.47E-08	1.90E-08	1.35E-02	2.12E-06	7.39E-07	1.60E-04	2.52E-08	8.78E-09
2750	490610.04, 3859310.04	1.26E-02	1.98E-06	6.91E-07	3.02E-04	4.76E-08	1.66E-08	1.26E-02	1.99E-06	6.93E-07	3.49E-04	5.49E-08	1.91E-08	1.31E-02	2.06E-06	7.18E-07	1.61E-04	2.53E-08	8.82E-09
2751	490660.04, 3859310.04	1.21E-02	1.91E-06	6.67E-07	3.04E-04	4.78E-08	1.67E-08	1.22E-02	1.92E-06	6.70E-07	3.50E-04	5.52E-08	1.92E-08	1.26E-02	1.99E-06	6.93E-07	1.62E-04	2.54E-08	8.86E-09
2752	490710.04, 3859310.04	1.15E-02	1.81E-06	6.29E-07	3.06E-04	4.81E-08	1.68E-08	1.15E-02	1.81E-06	6.32E-07	3.53E-04	5.56E-08	1.94E-08	1.19E-02	1.87E-06	6.53E-07	1.62E-04	2.56E-08	8.92E-09
2753	490760.04, 3859310.04	1.10E-02	1.74E-06	6.06E-07	3.07E-04	4.84E-08	1.69E-08	1.11E-02	1.75E-06	6.08E-07	3.54E-04	5.58E-08	1.95E-08	1.14E-02	1.80E-06	6.28E-07	1.63E-04	2.57E-08	8.96E-09
2754	490810.04, 3859310.04	1.07E-02	1.69E-06	5.90E-07	3.09E-04	4.86E-08	1.69E-08	1.08E-02	1.70E-06	5.93E-07	3.56E-04	5.61E-08	1.96E-08	1.11E-02	1.76E-06	6.12E-07	1.64E-04	2.58E-08	9.00E-09
2755	490860.04, 3859310.04	1.04E-02	1.63E-06	5.69E-07	3.10E-04	4.88E-08	1.70E-08	1.04E-02	1.64E-06	5.72E-07	3.58E-04	5.64E-08	1.96E-08	1.07E-02	1.69E-06	5.90E-07	1.65E-04	2.60E-08	9.04E-09
2756	490360.04, 3859360.04	1.51E-02	2.37E-06	8.27E-07	2.86E-04	4.50E-08	1.57E-08	1.51E-02	2.38E-06	8.29E-07	3.30E-04	5.20E-08	1.81E-08	1.57E-02	2.48E-06	8.62E-07	1.53E-04	2.40E-08	8.37E-09
2757	490410.04, 3859360.04	1.46E-02	2.30E-06	8.02E-07	2.87E-04	4.52E-08	1.57E-08	1.47E-02	2.31E-06	8.04E-07	3.31E-04	5.21E-08	1.82E-08	1.52E-02	2.40E-06	8.36E-07	1.53E-04	2.41E-08	8.39E-09
2758	490460.04, 3859360.04	1.42E-02	2.24E-06	7.79E-07	2.87E-04	4.53E-08	1.58E-08	1.42E-02	2.24E-06	7.82E-07	3.32E-04	5.23E-08	1.82E-08	1.48E-02	2.33E-06	8.12E-07	1.53E-04	2.41E-08	8.41E-09
2759	490510.04, 3859360.04	1.38E-02	2.17E-06	7.56E-07	2.88E-04	4.54E-08	1.58E-08	1.38E-02	2.18E-06	7.59E-07	3.33E-04	5.24E-08	1.83E-08	1.44E-02	2.26E-06	7.88E-07	1.54E-04	2.42E-08	8.44E-09
2760	490560.04, 3859360.04	1.33E-02	2.09E-06	7.29E-07	2.90E-04	4.57E-08	1.59E-08	1.33E-02	2.10E-06	7.32E-07	3.34E-04	5.27E-08	1.84E-08	1.38E-02	2.18E-06	7.59E-07	1.54E-04	2.43E-08	8.47E-09
2761	490610.04, 3859360.04	1.28E-02	2.02E-06	7.03E-07	2.91E-04	4.59E-08	1.60E-08	1.29E-02	2.03E-06	7.06E-07	3.36E-04	5.30E-08	1.84E-08	1.33E-02	2.10E-06	7.32E-07	1.55E-04	2.44E-08	8.51E-09
2762	490660.04, 3859360.04	1.24E-02	1.96E-06	6.81E-07	2.93E-04	4.61E-08	1.61E-08	1.25E-02	1.96E-06	6.84E-07	3.38E-04	5.32E-08	1.85E-08	1.29E-02	2.03E-06	7.09E-07	1.56E-04	2.45E-08	8.55E-09
2763	490710.04, 3859360.04	1.19E-02	1.88E-06	6.53E-07	2.94E-04	4.63E-08	1.61E-08	1.20E-02	1.88E-06	6.56E-07	3.40E-04	5.35E-08	1.86E-08	1.24E-02	1.95E-06	6.79E-07	1.57E-04	2.47E-08	8.59E-09
2764	490760.04, 3859360.04	1.14E-02	1.79E-06	6.25E-07	2.96E-04	4.66E-08	1.62E-08	1.14E-02	1.80E-06	6.28E-07	3.41E-04	5.38E-08	1.87E-08	1.18E-02	1.86E-06	6.49E-07	1.57E-04	2.48E-08	8.63E-09
2765	490810.04, 3859360.04	1.12E-02	1.76E-06	6.13E-07	2.97E-04	4.68E-08	1.63E-08	1.12E-02	1.77E-06	6.16E-07	3.43E-04	5.40E-08	1.88E-08	1.16E-02	1.83E-06	6.36E-07	1.58E-04	2.49E-08	8.67E-09
2766	490860.04, 3859360.04	1.08E-02	1.70E-06	5.94E-07	2.99E-04	4.71E-08	1.64E-08	1.09E-02	1.71E-06	5.97E-07	3.45E-04	5.43E-08	1.89E-08	1.12E-02	1.77E-06	6.16E-07	1.59E-04	2.50E-08	8.71E-09
2767	490360.04, 3859410.04	1.53E-02	2.41E-06	8.40E-07	2.77E-04	4.36E-08	1.52E-08	1.53E-02	2.42E-06	8.42E-07	3.19E-04	5.03E-08	1.75E-08	1.60E-02	2.52E-06	8.76E-07	1.48E-04	2.33E-08	8.12E-09
2768	490410.04, 3859410.04	1.49E-02	2.34E-06	8.16E-07	2.77E-04	4.37E-08	1.52E-08	1.49E-02	2.35E-06	8.19E-07	3.20E-04	5.04E-08	1.76E-08	1.55E-02	2.45E-06	8.52E-07	1.48E-04	2.33E-08	8.12E-09
2769	490460.04, 3859410.04	1.45E-02	2.28E-06	7.94E-07	2.78E-04	4.38E-08	1.53E-08	1.45E-02	2.29E-06	7.96E-07	3.21E-04	5.05E-08	1.76E-08	1.51E-02	2.38E-06	8.28E-07	1.48E-04	2.34E-08	8.14E-09
2770	490510.04, 3859410.04	1.40E-02	2.21E-06	7.71E-07	2.79E-04	4.39E-08	1.53E-08	1.41E-02	2.22E-06	7.74E-07	3.22E-04	5.07E-08	1.77E-08	1.46E-02	2.31E-06	8.04E-07	1.49E-04	2.34E-08	8.16E-09
2771	490560.04, 3859410.04	1.36E-02	2.15E-06	7.49E-07	2.80E-04	4.41E-08	1.53E-08	1.37E-02	2.16E-06	7.51E-07	3.23E-04	5.08E-08	1.77E-08	1.42E-02	2.24E-06	7.80E-07	1.49E-04	2.35E-08	8.18E-09
2772	490610.04, 3859410.04	1.32E-02	2.09E-06	7.27E-07	2.81E-04	4.42E-08	1.54E-08	1.33E-02	2.09E-06	7.30E-07	3.24E-04	5.10E-08	1.78E-08	1.38E-02	2.17E-06	7.57E-07	1.50E-04	2.36E-08	8.21E-09
2773	490660.04, 3859410.04	1.27E-02	2.00E-06	6.98E-07	2.82E-04	4.45E-08	1.55E-08	1.28E-02	2.01E-06	7.01E-07	3.26E-04	5.13E-08	1.79E-08	1.32E-02	2.09E-06	7.27E-07	1.50E-04	2.37E-08	8.25E-09
2774	490710.04, 3859410.04	1.23E-02	1.93E-06	6.74E-07	2.84E-04	4.47E-08	1.56E-08	1.23E-02	1.94E-06	6.76E-07	3.27E-04	5.16E-08	1.80E-08	1.28E-02	2.01E-06	7.01E-07	1.51E-04	2.38E-08	8.28E-09
2775	490760.04, 3859410.04	1.17E-02	1.85E-06	6.44E-07	2.85E-04	4.49E-08	1.56E-08	1.18E-02	1.86E-06	6.47E-07	3.29E-04	5.18E-08	1.81E-08	1.22E-02	1.92E-06	6.70E-07	1.52E-04	2.39E-08	8.33E-09
2776	490810.04, 3859410.04	1.15E-02	1.81E-06	6.30E-07	2.86E-04	4.51E-08	1.57E-08	1.15E-02	1.82E-06	6.33E-07	3.31E-04	5.21E-08	1.81E-08	1.19E-02	1.88E-06	6.55E-07	1.52E-04	2.40E-08	8.36E-09
2777	490860.04, 3859410.04	1.13E-02	1.78E-06	6.20E-07	2.88E-04	4.53E-08	1.58E-08	1.13E-02	1.79E-06	6.23E-07	3.32E-04	5.23E-08	1.82E-08	1.17E-02	1.85E-06	6.44E-07	1.53E-04	2.41E-08	8.39E-09
2778	490360.04, 3859460.04	1.54E-02	2.43E-06	8.48E-07	2.69E-04	4.23E-08	1.48E-08	1.55E-02	2.44E-06	8.50E-07	3.10E-04	4.88E-08	1.70E-08	1.61E-02	2.54E-06	8.85E-07	1.44E-04	2.26E-08	7.88E-09
2779	490410.04, 3859460.04	1.50E-02	2.36E-06	8.24E-07	2.69E-04	4.24E-08	1.48E-08	1.51E-02	2.37E-06	8.26E-07	3.10E-04	4.89E-08	1.70E-08	1.57E-02	2.47E-06	8.60E-07	1.44E-04	2.26E-08	7.89E-09
2780	490460.04, 3859460.04	1.46E-02	2.30E-06	8.02E-07	2.69E-04	4.24E-08	1.48E-08	1.47E-02	2.31E-06	8.05E-07	3.11E-04	4.90E-08	1.71E-08	1.53E-02	2.40E-06	8.37E-07	1.44E-04	2.27E-08	7.89E-09
2781	490510.04, 3859460.04	1.42E-02	2.24E-06	7.81E-07	2.70E-04	4.25E-08	1.48E-08	1.43E-02	2.25E-06	7.83E-07	3.11E-04	4.91E-08	1.71E-08	1.48E-02	2.34E-06	8.15E-07	1.44E-04	2.27E-08	7.90E-09
2782	490560.04, 3859460.04	1.39E-02	2.18E-06	7.60E-07	2.71E-04	4.26E-08	1.48E-08	1.39E-02	2.19E-06	7.63E-07	3.12E-04	4.92E-08	1.71E-08	1.44E-02	2.28E-06	7.93E-07	1.44E-04	2.27E-08	7.92E-09
2783	490610.04, 3859460.04	1.34E-02	2.12E-06	7.38E-07	2.71E-04	4.28E-08	1.49E-08	1.35E-02	2.12E-06	7.40E-07	3.13E-04	4.93E-08	1.72E-08	1.40E-02	2.21E-06	7.69E-07	1.45E-04	2.28E-08	7.94E-09
2784	490660.04, 3859460.04	1.30E-02	2.05E-06	7.14E-07	2.73E-04	4.29E-08	1.50E-08	1.31E-02	2.06E-06	7.17E-07	3.15E-04	4.95E-08	1.73E-08	1.36E-02	2.14E-06	7.44E-07	1.45E-04	2.29E-08	7.97E-09
2785	490710.04, 3859460.04	1.27E-02	1.99E-06	6.95E-07	2.73E-04	4.31E-08	1.50E-08	1.27E-02	2.00E-06	6.97E-07	3.16E-04	4.97E-08	1.73E-08	1.32E-02	2.08E-06	7.23E-07	1.46E-04	2.29E-08	7.99E-09
2786	490760.04, 3859460.04	1.22E-02	1.93E-06	6.72E-07	2.75E-04	4.33E-08	1.51E-08	1.23E-02	1.94E-06	6.75E-07	3.17E-04	5.00E-08	1.74E-08	1.27E-02	2.01E-06	7.00E-07	1.46E-04	2.30E-08	8.03E-09
2787	490810.04, 3859460.04	1.19E-02	1.87E-06	6.51E-07	2.76E-04	4.35E-08	1.52E-08	1.19E-02	1.88E-06	6.53E-07	3.19E-04	5.02E-08	1.75E-08	1.23E-02	1.94E-06	6.77E-07	1.47E-04	2.31E-08	8.06E-09
2788	490860.04, 3859460.04	1.16E-02	1.83E-06	6.38E-07	2.77E-04	4.37E-08	1.52E-08	1.17E-02	1.84E-06	6.41E-07	3.20E-04	5.04E-08	1.76E-08	1.21E-02	1.90E-06	6.64E-07	1.47E-04	2.32E-08	8.09E-09
2789	490360.04, 3859510.04	1.55E-02	2.45E-06	8.52E-07	2.61E-04	4.12E-08	1.43E-08	1.56E-02	2.45E-06	8.55E-07	3.02E-04	4.75E-08	1.65E-08	1.62E-02	2.55E-06	8.90E-07	1.40E-04	2.20E-08	7.67E-09
2790	490410.04, 3859510.04	1.52E-02	2.39E-06	8.32E-07	2.61E-04	4.12E-08	1.43E-08	1.52E-02	2.39E-06	8.34E-07	3.01E-04	4.75E-08	1.65E-08	1.58E-02	2.49E-06	8.68E-07	1.40E-04	2.20E-08	7.66E-09
2791	490460.04, 3859510.04	1.48E-02	2.32E-06	8.10E-07	2.61E-04	4.12E-08	1.44E-08	1.48E-02	2.33E-06	8.12E-07	3.02E-04	4.75E-08	1.66E-08	1.54E-02	2.43E-06	8.45E-07	1.40E-04	2.20E-08	7.66E-09
2792	490510.04, 3859510.04	1.44E-02	2.27E-06	7.89E-07	2.62E-04	4.12E-08	1.44E-08	1.44E-02	2.27E-06	7.92E-07	3.02E-04	4.76E-08	1.66E-08	1.50E-02	2.36E-06	8.24E-07	1.40E-04	2.20E-08	7.67E-09
2793	490560.04, 3859510.04	1.40E-02	2.21E-06	7.69E-07	2.62E-04	4.13E-08	1.44E-08	1.41E-02	2.21E-06	7.71E-07	3.02E-04	4.77E-08	1.66E-08	1.46E-02	2.30E-06	8.02E-07	1.40E-04	2.20E-08	7.68E-09
2794	490610.04, 3859510.04	1.36E-02	2.15E-06	7.48E-07	2.63E-04	4.14E-08	1.44E-08	1.37E-02	2.15E-06	7.50E-07	3.03E-04	4.78E-08	1.66E-08	1.42E-02	2.24E-06	7.80E-07	1.40E-04	2.21E-08	7.69E-09
2795	490660.04, 3859510.04	1.32E-02	2.09E-06	7.27E-07	2.64E-04	4.15E-08	1.45E-08	1.33E-02	2.09E-06	7.29E-07	3.04E-04	4.79E-08	1.67E-08	1.38E-02	2.17E-06	7.58E-07	1.40E-04	2.21E-08	7.71E-09
2796	490710.04, 3859510.04	1.29E-02	2.02E-06	7.05E-07	2.65E-04	4.17E-08	1.45E-08	1.29E-02	2.03E-06	7.08E-07	3.05E-04	4.81E-08	1.68E-08	1.34E-02	2.11E-06	7.35E-07	1.41E-04	2.22E-08	7.73E-09
2797	490760.04, 3859510.04	1.25E-02	1.97E-06	6.85E-07	2.65E-04	4.18E-08	1.46E-08	1.25E-02	1.97E-06	6.88E-07	3.06E-04	4.83E-08	1.68E-08	1.30E-02	2.05E-06	7.14E-07	1.41E-04	2.23E-08	7.76E-09
2798	490810.04, 3859510.04	1.22E-02	1.92E-06	6.68E-07	2.66E-04	4.20E-08	1.46E-08	1.22E-02	1.93E-06	6.71E-07	3.07E-04	4.84E-08	1.69E-08	1.27E-02	2.00E-06	6.96E-07	1.42E-04	2.23E-08	7.78E-09
2799	490860.04, 3859510.04	1.18E-02	1.87E-06	6.50E-07	2.68E-04	4.21E-08	1.47E-08	1.19E-02	1.87E-06	6.53E-07	3.09E-04	4.86E-08	1.69E-08	1.23E-02	1.94E-06	6.77E-07	1.42E-04	2.24E-08	7.81E-09
2800	490360.04, 3859560.04	1.56E-02	2.45E-06	8.55E-07	2.55E-04	4.01E-08	1.40E-08	1.56E-02	2.46E-06	8.57E-07	2.94E-04	4.63E-08	1.61E-08	1.63E-02	2.56E-06	8.93E-07	1.36E-04	2.14E-08	7.47E-09
2801	490410.04, 3859560.04	1.52E-02	2.40E-06	8.35E-07	2.54E-04	4.01E-08	1.40E-08	1.53E-02	2.40E-06	8.38E-07	2.93E-04	4.62E-08	1.61E-08	1.59E-02	2.50E-06	8.73E-07	1.36E-04	2.14E-08	7.46E-09
2802	490460.04, 3859560.04	1.49E-02	2.34E-06	8.16E-07	2.54E-04	4.00E-08	1.39E-08	1.49E-02	2.35E-06	8.18E-07	2.93E-04	4.62E-08	1.61E-08	1.55E-02	2.44E-06	8.52E-07	1.36E-04	2.14E-08	7.45E-09
2803	490510.04, 3859560.04	1.45E-02	2.28E-06	7.94E-07	2.54E-04	4.01E-08	1.40E-08	1.45E-02	2.29E-06	7.97E-07	2.93E-04	4.62E-08	1.61E-08	1.51E-02	2.38E-06	8.29E-07	1.36E-04	2.14E-08	7.45E-09
2804	490560.04, 3859560.04	1.41E-02	2.23E-06	7.76E-07	2.54E-04	4.01E-08	1.40E-08	1.42E-02	2.23E-06	7.78E-07	2.94E-04	4.62E-08	1.61E-08	1.48E-02	2.33E-06	8.10E-07	1.36E-04	2.14E-08	7.45E-09
2805	490610.04, 3859560.04	1.38E-02	2.17E-06	7.56E-07	2.55E-04	4.02E-08	1.40E-08	1.38E-02	2.18E-06	7.58E-07	2.94E-04	4.63E-08	1.61E-08	1.44E-02	2.26E-06	7.89E-07	1.36E-04	2.14E-08	7.46E-09
2806	490660.04, 3859560.04	1.34E-02	2.11E-06	7.36E-07	2.55E-04	4.02E-08	1.40E-08	1.35E-02	2.12E-06	7.39E-07	2.95E-04	4.64E-08	1.62E-08	1.40E-02	2.20E-06	7.68E-07	1.36E-04	2.14E-08	7.47E-09
2807	490710.04, 3859560.04	1.30E-02	2.05E-06	7.16E-07	2.56E-04	4.03E-08	1.41E-08	1.31E-02	2.06E-06	7.18E-07	2.96E-04	4.66E-08	1.62E-08	1.36E-02	2.14E-06	7.46E-07	1.36E-04	2.15E-08	7.49E-09
2808	490760.04, 3859560.04	1.26E-02	1.99E-06	6.94E-07	2.57E-04	4.05E-08	1.41E-08	1.27E-02	2.00E-06	6.96E-07	2.97E-04	4.67E-08	1.63E-08	1.32E-02	2.08E-06	7.23E-07	1.37E-04	2.16E-08	7.51E-09
2809	490810.04, 3859560.04	1.23E-02	1.94E-06	6.75E-07	2.58E-04	4.06E-08	1.42E-08	1.23E-02	1.94E-06	6.77E-07	2.98E-04	4.69E-08	1.63E-08	1.28E-02	2.02E-06	7.03E-07	1.37E-04	2.16E-08	7.53E-09
2810	490860.04, 3859560.04	1.19E-02	1.88E-06	6.56E-07	2.59E-04	4.08E-08	1.42E-08	1.20E-02	1.89E-06	6.58E-07	2.99E-04	4.71E-08	1.64E-08	1.24E-02	1.96E-06	6.83E-07	1.38E-04	2.17E-08	7.56E-09

2811 490187.25, 3859422.08	1.69E-02	2.66E-06	9.26E-07	2.75E-04	4.33E-08	1.51E-08	1.69E-02	2.67E-06	9.29E-07	3.17E-04	5.00E-08	1.74E-08	1.76E-02	2.78E-06	9.68E-07	1.47E-04	2.32E-08	8.07E-09
2812 490237.25, 3859422.08	1.64E-02	2.59E-06	9.01E-07	2.75E-04	4.33E-08	1.51E-08	1.65E-02	2.59E-06	9.04E-07	3.17E-04	4.99E-08	1.74E-08	1.71E-02	2.70E-06	9.41E-07	1.47E-04	2.31E-08	8.06E-09
2813 490287.25, 3859422.08	1.60E-02	2.52E-06	8.77E-07	2.75E-04	4.33E-08	1.51E-08	1.60E-02	2.52E-06	8.79E-07	3.17E-04	4.99E-08	1.74E-08	1.67E-02	2.63E-06	9.16E-07	1.47E-04	2.31E-08	8.05E-09
2814 490337.25, 3859422.08	1.55E-02	2.44E-06	8.52E-07	2.75E-04	4.33E-08	1.51E-08	1.56E-02	2.45E-06	8.54E-07	3.17E-04	4.99E-08	1.74E-08	1.62E-02	2.55E-06	8.89E-07	1.47E-04	2.31E-08	8.06E-09
2815 490187.25, 3859472.08	1.69E-02	2.66E-06	9.27E-07	2.68E-04	4.22E-08	1.47E-08	1.69E-02	2.67E-06	9.30E-07	3.09E-04	4.87E-08	1.70E-08	1.77E-02	2.78E-06	9.69E-07	1.44E-04	2.26E-08	7.88E-09
2816 490237.25, 3859472.08	1.65E-02	2.60E-06	9.04E-07	2.68E-04	4.21E-08	1.47E-08	1.65E-02	2.60E-06	9.07E-07	3.09E-04	4.86E-08	1.69E-08	1.72E-02	2.71E-06	9.45E-07	1.43E-04	2.25E-08	7.85E-09
2817 490287.25, 3859472.08	1.60E-02	2.53E-06	8.80E-07	2.67E-04	4.21E-08	1.47E-08	1.61E-02	2.53E-06	8.82E-07	3.08E-04	4.86E-08	1.69E-08	1.67E-02	2.64E-06	9.19E-07	1.43E-04	2.25E-08	7.84E-09
2818 490337.25, 3859472.08	1.56E-02	2.46E-06	8.59E-07	2.67E-04	4.21E-08	1.47E-08	1.57E-02	2.47E-06	8.61E-07	3.08E-04	4.85E-08	1.69E-08	1.63E-02	2.57E-06	8.97E-07	1.43E-04	2.25E-08	7.83E-09
2819 490297.07, 3859500.42	1.60E-02	2.52E-06	8.78E-07	2.63E-04	4.15E-08	1.44E-08	1.60E-02	2.53E-06	8.80E-07	3.04E-04	4.78E-08	1.67E-08	1.67E-02	2.63E-06	9.17E-07	1.41E-04	2.22E-08	7.73E-09
2820 490327.07, 3859500.42	1.58E-02	2.49E-06	8.66E-07	2.63E-04	4.14E-08	1.44E-08	1.58E-02	2.49E-06	8.69E-07	3.03E-04	4.78E-08	1.66E-08	1.65E-02	2.60E-06	9.05E-07	1.40E-04	2.21E-08	7.71E-09
2821 490297.07, 3859530.42	1.60E-02	2.53E-06	8.81E-07	2.59E-04	4.08E-08	1.42E-08	1.61E-02	2.53E-06	8.83E-07	2.99E-04	4.71E-08	1.64E-08	1.68E-02	2.64E-06	9.20E-07	1.39E-04	2.18E-08	7.60E-09
2822 490327.07, 3859530.42	1.58E-02	2.49E-06	8.68E-07	2.59E-04	4.08E-08	1.42E-08	1.59E-02	2.50E-06	8.70E-07	2.98E-04	4.70E-08	1.64E-08	1.65E-02	2.60E-06	9.07E-07	1.38E-04	2.18E-08	7.59E-09
2823 490319.73, 3859055.34	1.45E-02	2.29E-06	7.97E-07	3.54E-04	5.58E-08	1.94E-08	1.46E-02	2.30E-06	8.00E-07	4.09E-04	6.44E-08	2.24E-08	1.51E-02	2.38E-06	8.28E-07	1.88E-04	2.97E-08	1.03E-08
2824 490319.73, 3859105.34	1.46E-02	2.30E-06	8.03E-07	3.41E-04	5.37E-08	1.87E-08	1.47E-02	2.31E-06	8.06E-07	3.93E-04	6.20E-08	2.16E-08	1.52E-02	2.40E-06	8.35E-07	1.81E-04	2.86E-08	9.95E-09
2825 490069.73, 3859155.34	1.72E-02	2.71E-06	9.46E-07	3.21E-04	5.06E-08	1.76E-08	1.73E-02	2.72E-06	9.49E-07	3.71E-04	5.84E-08	2.04E-08	1.80E-02	2.83E-06	9.87E-07	1.72E-04	2.70E-08	9.42E-09
2826 490119.73, 3859155.34	1.68E-02	2.64E-06	9.20E-07	3.22E-04	5.07E-08	1.77E-08	1.68E-02	2.65E-06	9.23E-07	3.72E-04	5.85E-08	2.04E-08	1.75E-02	2.75E-06	9.59E-07	1.72E-04	2.71E-08	9.43E-09
2827 490269.73, 3859155.34	1.54E-02	2.43E-06	8.46E-07	3.26E-04	5.13E-08	1.79E-08	1.55E-02	2.44E-06	8.49E-07	3.76E-04	5.92E-08	2.06E-08	1.61E-02	2.53E-06	8.81E-07	1.73E-04	2.73E-08	9.52E-09
2828 490319.73, 3859155.34	1.48E-02	2.33E-06	8.13E-07	3.28E-04	5.16E-08	1.80E-08	1.49E-02	2.34E-06	8.16E-07	3.78E-04	5.96E-08	2.08E-08	1.54E-02	2.43E-06	8.47E-07	1.75E-04	2.75E-08	9.58E-09
2829 490069.73, 3859205.34	1.75E-02	2.76E-06	9.63E-07	3.11E-04	4.90E-08	1.71E-08	1.76E-02	2.77E-06	9.66E-07	3.59E-04	5.65E-08	1.97E-08	1.83E-02	2.89E-06	1.01E-06	1.66E-04	2.62E-08	9.11E-09
2830 490119.73, 3859205.34	1.71E-02	2.70E-06	9.41E-07	3.11E-04	4.90E-08	1.71E-08	1.72E-02	2.71E-06	9.44E-07	3.59E-04	5.65E-08	1.97E-08	1.79E-02	2.82E-06	9.82E-07	1.66E-04	2.61E-08	9.11E-09
2831 490169.73, 3859205.34	1.67E-02	2.62E-06	9.14E-07	3.11E-04	4.91E-08	1.71E-08	1.67E-02	2.63E-06	9.17E-07	3.59E-04	5.66E-08	1.97E-08	1.74E-02	2.74E-06	9.53E-07	1.66E-04	2.62E-08	9.12E-09
2832 490219.73, 3859205.34	1.61E-02	2.53E-06	8.82E-07	3.13E-04	4.93E-08	1.72E-08	1.61E-02	2.54E-06	8.85E-07	3.61E-04	5.69E-08	1.98E-08	1.68E-02	2.64E-06	9.20E-07	1.67E-04	2.63E-08	9.16E-09
2833 490269.73, 3859205.34	1.54E-02	2.43E-06	8.46E-07	3.15E-04	4.96E-08	1.73E-08	1.55E-02	2.44E-06	8.49E-07	3.63E-04	5.72E-08	1.99E-08	1.61E-02	2.53E-06	8.82E-07	1.68E-04	2.64E-08	9.21E-09
2834 490319.73, 3859205.34	1.49E-02	2.35E-06	8.19E-07	3.16E-04	4.98E-08	1.74E-08	1.50E-02	2.36E-06	8.22E-07	3.65E-04	5.75E-08	2.00E-08	1.55E-02	2.45E-06	8.53E-07	1.69E-04	2.65E-08	9.25E-09
2835 490069.73, 3859255.34	1.77E-02	2.79E-06	9.71E-07	3.02E-04	4.76E-08	1.66E-08	1.77E-02	2.79E-06	9.73E-07	3.48E-04	5.49E-08	1.91E-08	1.85E-02	2.91E-06	1.01E-06	1.61E-04	2.54E-08	8.86E-09
2836 490119.73, 3859255.34	1.73E-02	2.72E-06	9.47E-07	3.02E-04	4.75E-08	1.66E-08	1.73E-02	2.73E-06	9.50E-07	3.48E-04	5.48E-08	1.91E-08	1.80E-02	2.84E-06	9.89E-07	1.61E-04	2.54E-08	8.84E-09
2837 490169.73, 3859255.34	1.68E-02	2.64E-06	9.21E-07	3.02E-04	4.76E-08	1.66E-08	1.68E-02	2.65E-06	9.24E-07	3.48E-04	5.49E-08	1.91E-08	1.75E-02	2.76E-06	9.61E-07	1.61E-04	2.54E-08	8.85E-09
2838 490219.73, 3859255.34	1.62E-02	2.55E-06	8.90E-07	3.03E-04	4.77E-08	1.66E-08	1.63E-02	2.56E-06	8.93E-07	3.49E-04	5.50E-08	1.92E-08	1.69E-02	2.67E-06	9.28E-07	1.62E-04	2.55E-08	8.87E-09
2839 490269.73, 3859255.34	1.56E-02	2.46E-06	8.58E-07	3.04E-04	4.79E-08	1.67E-08	1.57E-02	2.47E-06	8.60E-07	3.51E-04	5.53E-08	1.93E-08	1.63E-02	2.57E-06	8.94E-07	1.62E-04	2.56E-08	8.90E-09
2840 490319.73, 3859255.34	1.51E-02	2.38E-06	8.30E-07	3.05E-04	4.81E-08	1.68E-08	1.52E-02	2.39E-06	8.32E-07	3.52E-04	5.55E-08	1.93E-08	1.58E-02	2.48E-06	8.65E-07	1.63E-04	2.56E-08	8.93E-09
2841 490069.73, 3859305.34	1.78E-02	2.80E-06	9.75E-07	2.94E-04	4.63E-08	1.61E-08	1.78E-02	2.81E-06	9.78E-07	3.39E-04	5.34E-08	1.86E-08	1.86E-02	2.93E-06	1.02E-06	1.57E-04	2.48E-08	8.63E-09
2842 490119.73, 3859305.34	1.74E-02	2.73E-06	9.53E-07	2.93E-04	4.62E-08	1.61E-08	1.74E-02	2.74E-06	9.55E-07	3.38E-04	5.33E-08	1.86E-08	1.81E-02	2.86E-06	9.95E-07	1.57E-04	2.47E-08	8.60E-09
2843 490169.73, 3859305.34	1.69E-02	2.66E-06	9.27E-07	2.93E-04	4.62E-08	1.61E-08	1.69E-02	2.67E-06	9.30E-07	3.38E-04	5.32E-08	1.86E-08	1.76E-02	2.78E-06	9.68E-07	1.57E-04	2.47E-08	8.59E-09
2844 490219.73, 3859305.34	1.64E-02	2.58E-06	8.98E-07	2.94E-04	4.62E-08	1.61E-08	1.64E-02	2.59E-06	9.01E-07	3.39E-04	5.33E-08	1.86E-08	1.71E-02	2.69E-06	9.37E-07	1.57E-04	2.47E-08	8.60E-09
2845 490269.73, 3859305.34	1.58E-02	2.50E-06	8.69E-07	2.94E-04	4.64E-08	1.62E-08	1.59E-02	2.50E-06	8.72E-07	3.39E-04	5.35E-08	1.86E-08	1.65E-02	2.60E-06	9.07E-07	1.57E-04	2.47E-08	8.62E-09
2846 490319.73, 3859305.34	1.53E-02	2.40E-06	8.38E-07	2.95E-04	4.65E-08	1.62E-08	1.53E-02	2.41E-06	8.40E-07	3.41E-04	5.37E-08	1.87E-08	1.59E-02	2.51E-06	8.73E-07	1.58E-04	2.48E-08	8.65E-09
2847 490069.73, 3859355.34	1.79E-02	2.82E-06	9.81E-07	2.86E-04	4.51E-08	1.57E-08	1.79E-02	2.82E-06	9.84E-07	3.30E-04	5.20E-08	1.81E-08	1.87E-02	2.94E-06	1.03E-06	1.53E-04	2.41E-08	8.41E-09
2848 490119.73, 3859355.34	1.75E-02	2.75E-06	9.58E-07	2.85E-04	4.49E-08	1.57E-08	1.75E-02	2.76E-06	9.61E-07	3.29E-04	5.18E-08	1.81E-08	1.82E-02	2.87E-06	1.00E-06	1.53E-04	2.40E-08	8.37E-09
2849 490169.73, 3859355.34	1.70E-02	2.68E-06	9.33E-07	2.85E-04	4.49E-08	1.56E-08	1.70E-02	2.68E-06	9.35E-07	3.28E-04	5.17E-08	1.80E-08	1.77E-02	2.80E-06	9.74E-07	1.52E-04	2.40E-08	8.36E-09
2850 490219.73, 3859355.34	1.65E-02	2.60E-06	9.05E-07	2.85E-04	4.49E-08	1.56E-08	1.65E-02	2.60E-06	9.07E-07	3.29E-04	5.18E-08	1.80E-08	1.72E-02	2.71E-06	9.44E-07	1.52E-04	2.40E-08	8.36E-09
2851 490269.73, 3859355.34	1.60E-02	2.52E-06	8.78E-07	2.85E-04	4.49E-08	1.57E-08	1.61E-02	2.53E-06	8.81E-07	3.29E-04	5.18E-08	1.81E-08	1.67E-02	2.63E-06	9.17E-07	1.52E-04	2.40E-08	8.36E-09
2852 490319.73, 3859355.34	1.55E-02	2.44E-06	8.50E-07	2.86E-04	4.51E-08	1.57E-08	1.55E-02	2.45E-06	8.52E-07	3.30E-04	5.20E-08	1.81E-08	1.62E-02	2.54E-06	8.86E-07	1.53E-04	2.41E-08	8.38E-09
2853 490069.73, 3859405.34	1.79E-02	2.83E-06	9.85E-07	2.79E-04	4.40E-08	1.53E-08	1.80E-02	2.83E-06	9.87E-07	3.22E-04	5.07E-08	1.77E-08	1.88E-02	2.95E-06	1.03E-06	1.50E-04	2.36E-08	8.21E-09
2854 490119.73, 3859405.34	1.75E-02	2.76E-06	9.60E-07	2.78E-04	4.38E-08	1.53E-08	1.75E-02	2.76E-06	9.63E-07	3.21E-04	5.05E-08	1.76E-08	1.83E-02	2.88E-06	1.00E-06	1.49E-04	2.34E-08	8.17E-09
2855 490169.73, 3859405.34	1.70E-02	2.68E-06	9.34E-07	2.77E-04	4.37E-08	1.52E-08	1.71E-02	2.69E-06	9.37E-07	3.20E-04	5.04E-08	1.76E-08	1.78E-02	2.80E-06	9.76E-07	1.48E-04	2.34E-08	8.15E-09
2856 490219.73, 3859405.34	1.66E-02	2.61E-06	9.09E-07	2.77E-04	4.37E-08	1.52E-08	1.66E-02	2.62E-06	9.12E-07	3.20E-04	5.04E-08	1.75E-08	1.73E-02	2.73E-06	9.50E-07	1.48E-04	2.33E-08	8.13E-09
2857 490269.73, 3859405.34	1.61E-02	2.53E-06	8.83E-07	2.77E-04	4.37E-08	1.52E-08	1.61E-02	2.54E-06	8.85E-07	3.20E-04	5.04E-08	1.76E-08	1.68E-02	2.65E-06	9.22E-07	1.48E-04	2.33E-08	8.13E-09
2858 490319.73, 3859405.34	1.56E-02	2.46E-06	8.57E-07	2.78E-04	4.37E-08	1.52E-08	1.57E-02	2.47E-06	8.59E-07	3.20E-04	5.04E-08	1.76E-08	1.63E-02	2.57E-06	8.94E-07	1.48E-04	2.34E-08	8.14E-09
2859 490161.89, 3859541.83	1.71E-02	2.69E-06	9.39E-07	2.60E-04	4.10E-08	1.43E-08	1.71E-02	2.70E-06	9.41E-07	3.00E-04	4.73E-08	1.65E-08	1.79E-02	2.82E-06	9.81E-07	1.39E-04	2.20E-08	7.65E-09
2860 490171.89, 3859541.83	1.70E-02	2.68E-06	9.34E-07	2.60E-04	4.10E-08	1.43E-08	1.71E-02	2.69E-06	9.36E-07	3.00E-04	4.73E-08	1.65E-08	1.78E-02	2.80E-06	9.76E-07	1.39E-04	2.19E-08	7.65E-09
2861 490161.89, 3859551.83	1.71E-02	2.69E-06	9.38E-07	2.59E-04	4.09E-08	1.42E-08	1.71E-02	2.70E-06	9.40E-07	2.99E-04	4.71E-08	1.64E-08	1.79E-02	2.82E-06	9.81E-07	1.39E-04	2.19E-08	7.62E-09
2862 490171.89, 3859551.83	1.70E-02	2.68E-06	9.34E-07	2.59E-04	4.08E-08	1.42E-08	1.71E-02	2.69E-06	9.36E-07	2.99E-04	4.71E-08	1.64E-08	1.78E-02	2.80E-06	9.76E-07	1.39E-04	2.19E-08	7.62E-09
2863 489799.72, 3859348.21	2.08E-02	3.28E-06	1.14E-06	2.96E-04	4.67E-08	1.63E-08	2.09E-02	3.28E-06	1.14E-06	3.42E-04	5.38E-08	1.88E-08	2.18E-02	3.43E-06	1.19E-06	1.59E-04	2.50E-08	8.72E-09
2864 489819.72, 3859348.21	2.06E-02	3.24E-06	1.13E-06	2.95E-04	4.65E-08	1.62E-08	2.06E-02	3.25E-06	1.13E-06	3.41E-04	5.37E-08	1.87E-08	2.15E-02	3.39E-06	1.18E-06	1.58E-04	2.50E-08	8.69E-09
2865 489799.72, 3859368.21	2.08E-02	3.28E-06	1.14E-06	2.94E-04	4.63E-08	1.61E-08	2.08E-02	3.28E-06	1.14E-06	3.39E-04	5.34E-08	1.86E-08	2.18E-02	3.43E-06	1.19E-06	1.58E-04	2.49E-08	8.66E-09
2866 489819.72, 3859368.21	2.05E-02	3.24E-06	1.13E-06	2.93E-04	4.62E-08	1.61E-08	2.06E-02	3.24E-06	1.13E-06	3.38E-04	5.33E-08	1.86E-08	2.15E-02	3.38E-06	1.18E-06	1.57E-04	2.48E-08	8.63E-09
2867 489775.41, 3859329.72	2.11E-02	3.33E-06	1.16E-06	2.99E-04	4.72E-08	1.64E-08	2.12E-02	3.34E-06	1.16E-06	3.45E-04	5.44E-08	1.89E-08	2.21E-02	3.49E-06	1.21E-06	1.61E-04	2.53E-08	8.81E-09
2868 489795.41, 3859329.72	2.09E-02	3.29E-06	1.15E-06	2.99E-04	4.70E-08	1.64E-08	2.09E-02	3.30E-06	1.15E-06	3.44E-04	5.42E-08	1.89E-08	2.19E-02	3.44E-06	1.20E-06	1.60E-04	2.52E-08	8.79E-09
2869 489775.41, 3859349.72	2.11E-02	3.33E-06	1.16E-06	2.97E-04	4.68E-08	1.63E-08	2.12E-02	3.34E-06	1.16E-06	3.43E-04	5.40E-08	1.88E-08	2.21E-02	3.48E-06	1.21E-06	1.59E-04	2.51E-08	8.75E-09
2870 489795.41, 3859349.72	2.09E-02	3.29E-06	1.14E-06	2.96E-04	4.67E-08	1.63E-08	2.09E-02	3.29E-06	1.15E-06	3.42E-04	5.38E-08	1.88E-08	2.18E-02	3.44E-06	1.20E-06	1.59E-04	2.50E-08	8.73E-09
2871 489595.05, 3859219.43	2.37E-02	3.73E-06	1.30E-06	3.21E-04	5.06E-08	1.76E-08	2.38E-02	3.74E-06	1.30E-06	3.70E-04	5.83E-08	2.03E-08	2.48E-02	3.91E-06	1.36E-06	1.72E-04	2.71E-08	9.45E-09
2872 489615.05, 3859219.43	2.33E-02	3.67E-06	1.28E-06	3.20E-04	5.05E-08	1.76E-08	2.34E-02	3.68E-06	1.28E-06	3.69E-04	5.82E-08	2.03E-08	2.44E-02	3.85E-06	1.34E-06	1.72E-04	2.71E-08	9.43E-09
2873 489595.05, 3859239.43	2.38E-02	3.75E-06	1.31E-06	3.19E-04	5.02E-08	1.75E-08	2.39E-02	3.76E-06	1.31E-06	3.67E-04	5.79E-08	2.02E-08	2.49E-02	3.92E-06	1.37E-06	1.71E-04	2.69E-08	9.38E-09
2874 489615.05, 3859239.43	2.34E-02	3.69E-06	1.29E-06	3.18E-04	5.01E-08	1.74E-08	2.35E-02	3.70E-06	1.29E-06	3.66E-04	5.77E-08	2.01E-08	2.45E-02	3.86E-06	1.35E-06	1.70E-04	2.69E-08	9.36E-09
2875 489372.4, 3859092.58	2.70E-02	4.25E-06	1.48E-06	3.49E-04	5.50E-08	1.92E-08	2.71E-02	4.26E-06	1.49E-06	4.03E-04	6.34E-08	2.21E-08	2.83E-02	4.45E-06	1.55E-06	1.87E-04	2.94E-08	1.02E-08
2876 489422.4, 3859092.58	2.59E-02	4.08E-06	1.42E-06	3.46E-04	5.46E-08	1.90E-08	2.59E-02	4.09E-06	1.42E-06	4.00E-04	6.29E-08	2.19E-08	2.71E-02	4.27E-06	1.49E-06	1.85E-04	2.92E-08	1.02E-08
2877 489372.4, 3859142.58	2.77E-02	4.37E-06	1.52E-06	3.42E-04	5.39E-08	1.88E-08	2.78E-02	4.38E-06	1.52E-06	3.95E-04	6.22E-08	2.17E-08	2.90E-02	4.57E-06	1.59E-06	1.83E-04	2.89E-08	1.01E-08

2878	489422.4, 3859142.58	2.66E-02	4.18E-06	1.46E-06	3.40E-04	5.35E-08	1.86E-08	2.66E-02	4.19E-06	1.46E-06	3.92E-04	6.17E-08	2.15E-08	2.78E-02	4.38E-06	1.53E-06	1.82E-04	2.87E-08	9.99E-09
2879	488870.84, 3858666.64	2.03E-02	3.20E-06	1.12E-06	4.58E-04	7.22E-08	2.52E-08	2.04E-02	3.22E-06	1.12E-06	5.29E-04	8.34E-08	2.91E-08	2.12E-02	3.33E-06	1.16E-06	2.43E-04	3.84E-08	1.34E-08
2880	488900.84, 3858666.64	2.01E-02	3.17E-06	1.10E-06	4.57E-04	7.20E-08	2.51E-08	2.02E-02	3.18E-06	1.11E-06	5.27E-04	8.31E-08	2.89E-08	2.09E-02	3.30E-06	1.15E-06	2.43E-04	3.82E-08	1.33E-08
2881	488870.84, 3858696.64	2.15E-02	3.38E-06	1.18E-06	4.51E-04	7.10E-08	2.47E-08	2.15E-02	3.39E-06	1.18E-06	5.20E-04	8.20E-08	2.86E-08	2.24E-02	3.52E-06	1.23E-06	2.39E-04	3.77E-08	1.31E-08
2882	488900.84, 3858696.64	2.12E-02	3.34E-06	1.16E-06	4.49E-04	7.07E-08	2.46E-08	2.13E-02	3.35E-06	1.17E-06	5.18E-04	8.16E-08	2.84E-08	2.21E-02	3.48E-06	1.21E-06	2.38E-04	3.76E-08	1.31E-08
2883	488889.67, 3858683.97	2.08E-02	3.28E-06	1.14E-06	4.53E-04	7.13E-08	2.49E-08	2.09E-02	3.29E-06	1.15E-06	5.23E-04	8.24E-08	2.87E-08	2.17E-02	3.41E-06	1.19E-06	2.40E-04	3.79E-08	1.32E-08
2884	488919.67, 3858683.97	2.06E-02	3.24E-06	1.13E-06	4.51E-04	7.11E-08	2.48E-08	2.07E-02	3.26E-06	1.13E-06	5.21E-04	8.20E-08	2.86E-08	2.14E-02	3.38E-06	1.18E-06	2.40E-04	3.77E-08	1.31E-08
2885	488889.67, 3858713.97	2.20E-02	3.47E-06	1.21E-06	4.45E-04	7.01E-08	2.44E-08	2.21E-02	3.48E-06	1.21E-06	5.14E-04	8.10E-08	2.82E-08	2.29E-02	3.61E-06	1.26E-06	2.36E-04	3.72E-08	1.30E-08
2886	488919.67, 3858713.97	2.17E-02	3.42E-06	1.19E-06	4.43E-04	6.99E-08	2.43E-08	2.18E-02	3.43E-06	1.20E-06	5.12E-04	8.07E-08	2.81E-08	2.26E-02	3.57E-06	1.24E-06	2.36E-04	3.71E-08	1.29E-08
2887	488906.61, 3858703.33	2.14E-02	3.37E-06	1.18E-06	4.47E-04	7.04E-08	2.45E-08	2.15E-02	3.39E-06	1.18E-06	5.16E-04	8.13E-08	2.83E-08	2.23E-02	3.52E-06	1.23E-06	2.37E-04	3.74E-08	1.30E-08
2888	488936.61, 3858703.33	2.11E-02	3.33E-06	1.16E-06	4.45E-04	7.01E-08	2.44E-08	2.12E-02	3.34E-06	1.16E-06	5.14E-04	8.10E-08	2.82E-08	2.20E-02	3.47E-06	1.21E-06	2.37E-04	3.73E-08	1.30E-08
2889	488906.61, 3858733.33	2.26E-02	3.57E-06	1.24E-06	4.40E-04	6.93E-08	2.41E-08	2.27E-02	3.58E-06	1.25E-06	5.08E-04	8.00E-08	2.79E-08	2.36E-02	3.72E-06	1.30E-06	2.34E-04	3.68E-08	1.28E-08
2890	488936.61, 3858733.33	2.23E-02	3.52E-06	1.23E-06	4.38E-04	6.90E-08	2.40E-08	2.24E-02	3.53E-06	1.23E-06	5.06E-04	7.97E-08	2.78E-08	2.33E-02	3.67E-06	1.28E-06	2.33E-04	3.66E-08	1.28E-08
2891	488637.63, 3858467.85	1.74E-02	2.75E-06	9.57E-07	5.36E-04	8.44E-08	2.94E-08	1.75E-02	2.76E-06	9.62E-07	6.18E-04	9.74E-08	3.39E-08	1.80E-02	2.84E-06	9.90E-07	2.85E-04	4.49E-08	1.57E-08
2892	488662.63, 3858467.85	1.73E-02	2.73E-06	9.50E-07	5.34E-04	8.41E-08	2.93E-08	1.74E-02	2.74E-06	9.55E-07	6.16E-04	9.71E-08	3.38E-08	1.79E-02	2.82E-06	9.83E-07	2.84E-04	4.48E-08	1.56E-08
2893	488637.63, 3858492.85	1.78E-02	2.80E-06	9.74E-07	5.26E-04	8.29E-08	2.89E-08	1.78E-02	2.81E-06	9.79E-07	6.08E-04	9.57E-08	3.33E-08	1.84E-02	2.90E-06	1.01E-06	2.80E-04	4.41E-08	1.54E-08
2894	488662.63, 3858492.85	1.76E-02	2.78E-06	9.67E-07	5.25E-04	8.26E-08	2.88E-08	1.77E-02	2.79E-06	9.72E-07	6.06E-04	9.54E-08	3.32E-08	1.82E-02	2.87E-06	1.00E-06	2.79E-04	4.40E-08	1.53E-08
2895	488687.63, 3858492.85	1.75E-02	2.75E-06	9.59E-07	5.23E-04	8.24E-08	2.87E-08	1.76E-02	2.77E-06	9.64E-07	6.04E-04	9.51E-08	3.31E-08	1.81E-02	2.85E-06	9.93E-07	2.79E-04	4.39E-08	1.53E-08
2896	488637.63, 3858517.85	1.81E-02	2.86E-06	9.96E-07	5.17E-04	8.14E-08	2.84E-08	1.82E-02	2.87E-06	1.00E-06	5.97E-04	9.40E-08	3.28E-08	1.88E-02	2.96E-06	1.03E-06	2.75E-04	4.33E-08	1.51E-08
2897	488662.63, 3858517.85	1.80E-02	2.83E-06	9.87E-07	5.16E-04	8.12E-08	2.83E-08	1.81E-02	2.85E-06	9.92E-07	5.95E-04	9.37E-08	3.27E-08	1.86E-02	2.94E-06	1.02E-06	2.74E-04	4.32E-08	1.50E-08
2898	488687.63, 3858517.85	1.78E-02	2.81E-06	9.79E-07	5.14E-04	8.10E-08	2.82E-08	1.79E-02	2.83E-06	9.84E-07	5.93E-04	9.34E-08	3.26E-08	1.85E-02	2.91E-06	1.02E-06	2.73E-04	4.31E-08	1.50E-08
2899	488194.42, 3857168.98	1.11E-02	1.76E-06	6.12E-07	3.23E-03	5.08E-07	1.77E-07	1.17E-02	1.84E-06	6.42E-07	3.74E-03	5.89E-07	2.05E-07	9.77E-03	1.54E-06	5.36E-07	1.68E-03	2.65E-07	9.22E-08
2900	488244.42, 3857168.98	1.10E-02	1.74E-06	6.05E-07	3.11E-03	4.90E-07	1.71E-07	1.16E-02	1.82E-06	6.34E-07	3.60E-03	5.68E-07	1.98E-07	9.71E-03	1.53E-06	5.33E-07	1.62E-03	2.55E-07	8.89E-08
2901	488294.42, 3857168.98	1.09E-02	1.71E-06	5.97E-07	3.01E-03	4.74E-07	1.65E-07	1.14E-02	1.79E-06	6.25E-07	3.48E-03	5.49E-07	1.91E-07	9.62E-03	1.52E-06	5.28E-07	1.57E-03	2.47E-07	8.59E-08
2902	488244.42, 3857218.98	1.09E-02	1.72E-06	6.00E-07	2.92E-03	4.60E-07	1.60E-07	1.14E-02	1.80E-06	6.28E-07	3.38E-03	5.33E-07	1.86E-07	9.73E-03	1.53E-06	5.34E-07	1.52E-03	2.39E-07	8.34E-08
2903	488294.42, 3857218.98	1.08E-02	1.70E-06	5.93E-07	2.83E-03	4.46E-07	1.55E-07	1.13E-02	1.78E-06	6.20E-07	3.28E-03	5.16E-07	1.80E-07	9.66E-03	1.52E-06	5.30E-07	1.47E-03	2.32E-07	8.08E-08
2904	488294.42, 3857268.98	1.08E-02	1.70E-06	5.91E-07	2.64E-03	4.17E-07	1.45E-07	1.12E-02	1.77E-06	6.16E-07	3.06E-03	4.82E-07	1.68E-07	9.73E-03	1.53E-06	5.34E-07	1.38E-03	2.17E-07	7.56E-08
2905	488139.13, 3857111.68	1.15E-02	1.81E-06	6.29E-07	3.61E-03	5.68E-07	1.98E-07	1.21E-02	1.90E-06	6.63E-07	4.18E-03	6.58E-07	2.29E-07	9.87E-03	1.56E-06	5.42E-07	1.88E-03	2.96E-07	1.03E-07
2906	488189.13, 3857111.68	1.13E-02	1.78E-06	6.21E-07	3.46E-03	5.45E-07	1.90E-07	1.19E-02	1.88E-06	6.54E-07	4.01E-03	6.32E-07	2.20E-07	9.81E-03	1.54E-06	5.38E-07	1.80E-03	2.84E-07	9.88E-08
2907	488189.13, 3857161.68	1.12E-02	1.76E-06	6.14E-07	3.27E-03	5.15E-07	1.79E-07	1.17E-02	1.85E-06	6.45E-07	3.79E-03	5.96E-07	2.08E-07	9.78E-03	1.54E-06	5.37E-07	1.70E-03	2.68E-07	9.33E-08
2908	487951.04, 3856961.26	1.28E-02	2.01E-06	7.01E-07	4.91E-03	7.73E-07	2.69E-07	1.36E-02	2.14E-06	7.47E-07	5.68E-03	8.95E-07	3.12E-07	1.04E-02	1.65E-06	5.73E-07	2.55E-03	4.02E-07	1.40E-07
2909	488001.04, 3856961.26	1.25E-02	1.96E-06	6.84E-07	4.68E-03	7.37E-07	2.57E-07	1.33E-02	2.09E-06	7.28E-07	5.42E-03	8.54E-07	2.97E-07	1.03E-02	1.62E-06	5.63E-07	2.43E-03	3.83E-07	1.34E-07
2910	488051.04, 3856961.26	1.21E-02	1.91E-06	6.66E-07	4.48E-03	7.06E-07	2.46E-07	1.29E-02	2.03E-06	7.08E-07	5.19E-03	8.17E-07	2.85E-07	1.00E-02	1.58E-06	5.52E-07	2.33E-03	3.67E-07	1.28E-07
2911	488101.04, 3856961.26	1.19E-02	1.88E-06	6.54E-07	4.27E-03	6.73E-07	2.35E-07	1.27E-02	1.99E-06	6.95E-07	4.95E-03	7.80E-07	2.72E-07	9.95E-03	1.57E-06	5.46E-07	2.22E-03	3.50E-07	1.22E-07
2912	487951.04, 3857011.26	1.27E-02	2.00E-06	6.98E-07	4.71E-03	7.42E-07	2.58E-07	1.35E-02	2.13E-06	7.42E-07	5.45E-03	8.59E-07	2.99E-07	1.05E-02	1.66E-06	5.77E-07	2.45E-03	3.86E-07	1.34E-07
2913	488001.04, 3857011.26	1.24E-02	1.95E-06	6.79E-07	4.50E-03	7.09E-07	2.47E-07	1.31E-02	2.07E-06	7.22E-07	5.22E-03	8.22E-07	2.86E-07	1.03E-02	1.62E-06	5.64E-07	2.34E-03	3.69E-07	1.29E-07
2914	488051.04, 3857011.26	1.21E-02	1.90E-06	6.62E-07	4.31E-03	6.79E-07	2.37E-07	1.28E-02	2.02E-06	7.03E-07	4.99E-03	7.87E-07	2.74E-07	1.01E-02	1.59E-06	5.53E-07	2.24E-03	3.53E-07	1.23E-07
2915	488101.04, 3857011.26	1.19E-02	1.87E-06	6.51E-07	4.12E-03	6.48E-07	2.26E-07	1.26E-02	1.98E-06	6.90E-07	4.77E-03	7.51E-07	2.62E-07	9.98E-03	1.57E-06	5.48E-07	2.14E-03	3.37E-07	1.17E-07
2916	488001.04, 3857061.26	1.23E-02	1.93E-06	6.73E-07	4.28E-03	6.75E-07	2.35E-07	1.30E-02	2.05E-06	7.13E-07	4.96E-03	7.81E-07	2.72E-07	1.03E-02	1.62E-06	5.65E-07	2.23E-03	3.51E-07	1.22E-07
2917	488051.04, 3857061.26	1.20E-02	1.89E-06	6.58E-07	4.10E-03	6.46E-07	2.25E-07	1.27E-02	2.00E-06	6.97E-07	4.75E-03	7.48E-07	2.61E-07	1.01E-02	1.60E-06	5.56E-07	2.13E-03	3.36E-07	1.17E-07
2918	488101.04, 3857061.26	1.18E-02	1.85E-06	6.46E-07	3.93E-03	6.18E-07	2.15E-07	1.24E-02	1.96E-06	6.83E-07	4.55E-03	7.16E-07	2.50E-07	1.00E-02	1.58E-06	5.49E-07	2.04E-03	3.22E-07	1.12E-07
2919	487638.98, 3856673.79	1.39E-02	2.19E-06	7.63E-07	6.47E-03	1.02E-06	3.55E-07	1.50E-02	2.37E-06	8.25E-07	7.49E-03	1.18E-06	4.11E-07	1.07E-02	1.69E-06	5.87E-07	3.36E-03	5.30E-07	1.85E-07
2920	487688.98, 3856673.79	1.36E-02	2.14E-06	7.46E-07	6.21E-03	9.78E-07	3.41E-07	1.47E-02	2.31E-06	8.04E-07	7.19E-03	1.13E-06	3.95E-07	1.05E-02	1.66E-06	5.77E-07	3.23E-03	5.09E-07	1.77E-07
2921	487638.98, 3856723.79	1.43E-02	2.26E-06	7.86E-07	6.67E-03	1.05E-06	3.66E-07	1.55E-02	2.44E-06	8.49E-07	7.72E-03	1.22E-06	4.24E-07	1.10E-02	1.73E-06	6.04E-07	3.47E-03	5.46E-07	1.90E-07
2922	487688.98, 3856723.79	1.39E-02	2.20E-06	7.66E-07	6.38E-03	1.01E-06	3.50E-07	1.50E-02	2.37E-06	8.26E-07	7.39E-03	1.16E-06	4.06E-07	1.08E-02	1.70E-06	5.92E-07	3.32E-03	5.23E-07	1.82E-07
2923	486324.61, 3855740.57	1.12E-02	1.77E-06	6.17E-07	6.43E-03	1.01E-06	3.53E-07	1.23E-02	1.94E-06	6.77E-07	7.44E-03	1.17E-06	4.08E-07	7.90E-03	1.24E-06	4.34E-07	3.34E-03	5.26E-07	1.83E-07
2924	486374.61, 3855740.57	1.06E-02	1.66E-06	5.80E-07	5.94E-03	9.36E-07	3.26E-07	1.16E-02	1.83E-06	6.36E-07	6.88E-03	1.08E-06	3.78E-07	7.49E-03	1.18E-06	4.11E-07	3.09E-03	4.87E-07	1.70E-07
2925	486424.61, 3855740.57	1.02E-02	1.61E-06	5.59E-07	5.66E-03	8.91E-07	3.11E-07	1.12E-02	1.76E-06	6.13E-07	6.55E-03	1.03E-06	3.60E-07	7.27E-03	1.15E-06	3.99E-07	2.94E-03	4.64E-07	1.61E-07
2926	486324.61, 3855790.57	1.19E-02	1.88E-06	6.54E-07	6.87E-03	1.08E-06	3.77E-07	1.31E-02	2.06E-06	7.19E-07	7.95E-03	1.25E-06	4.36E-07	8.35E-03	1.32E-06	4.58E-07	3.57E-03	5.62E-07	1.96E-07
2927	486374.61, 3855790.57	1.12E-02	1.77E-06	6.17E-07	6.37E-03	1.00E-06	3.50E-07	1.23E-02	1.94E-06	6.77E-07	7.38E-03	1.16E-06	4.05E-07	7.94E-03	1.25E-06	4.36E-07	3.31E-03	5.22E-07	1.82E-07
2928	486424.61, 3855790.57	1.09E-02	1.72E-06	6.00E-07	6.12E-03	9.65E-07	3.36E-07	1.20E-02	1.89E-06	6.58E-07	7.09E-03	1.12E-06	3.89E-07	7.77E-03	1.22E-06	4.26E-07	3.18E-03	5.02E-07	1.75E-07
2929	486324.61, 3855840.57	1.26E-02	1.99E-06	6.92E-07	7.33E-03	1.15E-06	4.02E-07	1.39E-02	2.19E-06	7.62E-07	8.49E-03	1.34E-06	4.66E-07	8.80E-03	1.39E-06	4.83E-07	3.81E-03	6.00E-07	2.09E-07
2930	486374.61, 3855840.57	1.22E-02	1.92E-06	6.69E-07	6.99E-03	1.10E-06	3.83E-07	1.34E-02	2.11E-06	7.35E-07	8.09E-03	1.27E-06	4.44E-07	8.56E-03	1.35E-06	4.70E-07	3.63E-03	5.72E-07	1.99E-07
2931	486424.61, 3855840.57	1.17E-02	1.85E-06	6.43E-07	6.62E-03	1.04E-06	3.63E-07	1.29E-02	2.02E-06	7.05E-07	7.67E-03	1.21E-06	4.21E-07	8.28E-03	1.31E-06	4.55E-07	3.44E-03	5.42E-07	1.89E-07
2932	486324.61, 3855890.57	1.37E-02	2.16E-06	7.52E-07	8.05E-03	1.27E-06	4.42E-07	1.51E-02	2.38E-06	8.28E-07	9.33E-03	1.47E-06	5.12E-07	9.50E-03	1.50E-06	5.21E-07	4.19E-03	6.59E-07	2.30E-07
2933	486374.61, 3855890.57	1.31E-02	2.07E-06	7.22E-07	7.62E-03	1.20E-06	4.18E-07	1.45E-02	2.28E-06	7.94E-07	8.82E-03	1.39E-06	4.84E-07	9.19E-03	1.45E-06	5.04E-07	3.96E-03	6.24E-07	2.17E-07
2934	486424.61, 3855890.57	1.26E-02	1.98E-06	6.90E-07	7.18E-03	1.13E-06	3.94E-07	1.38E-02	2.18E-06	7.58E-07	8.31E-03	1.31E-06	4.56E-07	8.85E-03	1.39E-06	4.86E-07	3.73E-03	5.88E-07	2.05E-07
2935	488735.69, 3858285.64	1.61E-02	2.53E-06	8.82E-07	6.30E-04	9.93E-08	3.46E-08	1.62E-02	2.55E-06	8.87E-07	7.25E-04	1.14E-07	3.98E-08	1.65E-02	2.59E-06	9.04E-07	3.43E-04	5.40E-08	1.88E-08
2936	488765.69, 3858285.64	1.59E-02	2.51E-06	8.73E-07	6.31E-04	9.93E-08	3.46E-08	1.60E-02	2.52E-06	8.79E-07	7.25E-04	1.14E-07	3.98E-08	1.63E-02	2.57E-06	8.95E-07	3.43E-04	5.40E-08	1.88E-08
2937	488735.69, 3858315.64	1.61E-02	2.53E-06	8.81E-07	6.10E-04	9.60E-08	3.35E-08	1.62E-02	2.55E-06	8.87E-07	7.02E-04	1.11E-07	3.85E-08	1.65E-02	2.60E-06	9.05E-07	3.30E-04	5.20E-08	1.81E-08
2938	488765.69, 3858315.64	1.59E-02	2.51E-06	8.73E-07	6.10E-04	9.60E-08	3.35E-08	1.60E-02	2.52E-06	8.79E-07	7.02E-04	1.11E-07	3.85E-08	1.63E-02	2.57E-06	8.97E-07	3.30E-04	5.20E-08	1.81E-08
2939	478676.63, 3849871.93	3.16E-04	4.98E-08	1.73E-08	3.87E-05	6.10E-09	2.13E-09	3.22E-04	5.08E-08	1.77E-08	4.48E-05	7.06E-09	2.46E-09	3.09E-04	4.86E-08	1.69E-08	2.03E-05	3.20E-09	1.12E-09
2940	479326.63, 3849871.93	2.86E-04	4.51E-08	1.57E-08	5.59E-05	8.81E-09	3.07E-09	2.96E-04	4.66E-08	1.62E-08	6.47E-05	1.02E-08	3.55E-09	2.67E-04	4.21E-08	1.47E-08	2.93E-05	4.61E-09	1.61E-09
2941	479376.63, 3849871.93	2.84E-04	4.47E-08	1.56E-08	5.73E-05	9.03E-09	3.15E-09	2.94E-04	4.63E-08	1.61E-08	6.64E-05	1.05E-08	3.64E-09	2.64E-04	4.15E-08	1.45E-08	3.00E-05	4.73E-09	1.65E-09
2942	479426.63, 3849871.93	2.83E-04	4.46E-08	1.55E-08	5.87E-05	9.25E-09	3.22E-09	2.93E-04	4.62E-08	1.61E-08	6.80E-05	1.07E-08	3.73E-09	2.62E-04	4.13E-08	1.44E-08	3.07E-05	4.84E-09	1.69E-09
2943	478726.63, 3849921.93	3.21E-04	5.06E-08	1.76E-08	3.92E-05	6.18E-09	2.15E-09	3.28E-04	5.16E-08	1.80E-08	4.54E-05	7.15E-09	2.49E-09	3.14E-04	4.94E-08	1.72E-08	2.06E-05	3.24E-09	1.13E-09
2944	478776.63, 3849921.93	3.20E-04	5.04E-08	1.76E-08	4.01E-05	6.32E-09	2.20E-09	3.27E-04	5.15E-08	1.79E-08	4.64E-05	7.31E-09	2.55E-09	3.12E-04	4.92E-08	1.71E-08	2.10E-05	3.31E-09	1.15E-09

2945	478826.63, 3849921.93	3.19E-04	5.02E-08	1.75E-08	4.11E-05	6.47E-09	2.25E-09	3.26E-04	5.13E-08	1.79E-08	4.75E-05	7.48E-09	2.61E-09	3.10E-04	4.89E-08	1.70E-08	2.15E-05	3.39E-09	1.18E-09
2946	478976.63, 3849921.93	3.14E-04	4.94E-08	1.72E-08	4.46E-05	7.02E-09	2.45E-09	3.21E-04	5.06E-08	1.76E-08	5.16E-05	8.12E-09	2.83E-09	3.03E-04	4.77E-08	1.66E-08	2.34E-05	3.68E-09	1.28E-09
2947	479026.63, 3849921.93	3.15E-04	4.97E-08	1.73E-08	4.62E-05	7.27E-09	2.53E-09	3.23E-04	5.09E-08	1.77E-08	5.34E-05	8.41E-09	2.93E-09	3.04E-04	4.78E-08	1.67E-08	2.42E-05	3.81E-09	1.33E-09
2948	479076.63, 3849921.93	3.14E-04	4.95E-08	1.72E-08	4.77E-05	7.51E-09	2.62E-09	3.22E-04	5.08E-08	1.77E-08	5.52E-05	8.69E-09	3.03E-09	3.01E-04	4.75E-08	1.65E-08	2.50E-05	3.93E-09	1.37E-09
2949	479126.63, 3849921.93	3.12E-04	4.92E-08	1.71E-08	4.93E-05	7.76E-09	2.70E-09	3.21E-04	5.05E-08	1.76E-08	5.70E-05	8.98E-09	3.13E-09	2.98E-04	4.70E-08	1.64E-08	2.58E-05	4.06E-09	1.42E-09
2950	479176.63, 3849921.93	3.12E-04	4.91E-08	1.71E-08	5.09E-05	8.03E-09	2.80E-09	3.20E-04	5.05E-08	1.76E-08	5.89E-05	9.29E-09	3.24E-09	2.97E-04	4.67E-08	1.63E-08	2.67E-05	4.20E-09	1.46E-09
2951	479226.63, 3849921.93	3.04E-04	4.79E-08	1.67E-08	5.24E-05	8.26E-09	2.88E-09	3.13E-04	4.93E-08	1.72E-08	6.06E-05	9.55E-09	3.33E-09	2.88E-04	4.54E-08	1.58E-08	2.74E-05	4.32E-09	1.51E-09
2952	479276.63, 3849921.93	2.94E-04	4.62E-08	1.61E-08	5.35E-05	8.43E-09	2.94E-09	3.03E-04	4.77E-08	1.66E-08	6.19E-05	9.75E-09	3.40E-09	2.76E-04	4.35E-08	1.52E-08	2.80E-05	4.41E-09	1.54E-09
2953	479326.63, 3849921.93	3.02E-04	4.76E-08	1.66E-08	5.58E-05	8.78E-09	3.06E-09	3.12E-04	4.91E-08	1.71E-08	6.45E-05	1.02E-08	3.54E-09	2.84E-04	4.47E-08	1.56E-08	2.92E-05	4.60E-09	1.60E-09
2954	479376.63, 3849921.93	2.91E-04	4.58E-08	1.60E-08	5.68E-05	8.95E-09	3.12E-09	3.01E-04	4.74E-08	1.65E-08	6.57E-05	1.04E-08	3.61E-09	2.71E-04	4.27E-08	1.49E-08	2.97E-05	4.68E-09	1.63E-09
2955	479426.63, 3849921.93	2.95E-04	4.65E-08	1.62E-08	5.86E-05	9.24E-09	3.22E-09	3.05E-04	4.81E-08	1.68E-08	6.78E-05	1.07E-08	3.72E-09	2.75E-04	4.33E-08	1.51E-08	3.07E-05	4.83E-09	1.68E-09
2956	478726.63, 3849971.93	3.27E-04	5.15E-08	1.79E-08	3.90E-05	6.14E-09	2.14E-09	3.33E-04	5.25E-08	1.83E-08	4.51E-05	7.10E-09	2.48E-09	3.20E-04	5.04E-08	1.76E-08	2.05E-05	3.22E-09	1.12E-09
2957	478776.63, 3849971.93	3.26E-04	5.13E-08	1.79E-08	3.97E-05	6.26E-09	2.18E-09	3.32E-04	5.24E-08	1.82E-08	4.60E-05	7.24E-09	2.52E-09	3.18E-04	5.01E-08	1.75E-08	2.08E-05	3.28E-09	1.14E-09
2958	478826.63, 3849971.93	3.24E-04	5.11E-08	1.78E-08	4.06E-05	6.40E-09	2.23E-09	3.31E-04	5.21E-08	1.82E-08	4.70E-05	7.40E-09	2.58E-09	3.16E-04	4.98E-08	1.74E-08	2.13E-05	3.36E-09	1.17E-09
2959	478976.63, 3849971.93	3.24E-04	5.10E-08	1.78E-08	4.41E-05	6.94E-09	2.42E-09	3.31E-04	5.22E-08	1.82E-08	5.10E-05	8.03E-09	2.80E-09	3.14E-04	4.94E-08	1.72E-08	2.31E-05	3.64E-09	1.27E-09
2960	479026.63, 3849971.93	3.22E-04	5.07E-08	1.77E-08	4.54E-05	7.15E-09	2.49E-09	3.30E-04	5.19E-08	1.81E-08	5.25E-05	8.27E-09	2.88E-09	3.11E-04	4.90E-08	1.71E-08	2.38E-05	3.74E-09	1.30E-09
2961	479076.63, 3849971.93	3.20E-04	5.04E-08	1.76E-08	4.68E-05	7.37E-09	2.57E-09	3.28E-04	5.17E-08	1.80E-08	5.41E-05	8.52E-09	2.97E-09	3.08E-04	4.85E-08	1.69E-08	2.45E-05	3.86E-09	1.34E-09
2962	479126.63, 3849971.93	3.19E-04	5.02E-08	1.75E-08	4.83E-05	7.61E-09	2.65E-09	3.27E-04	5.15E-08	1.79E-08	5.59E-05	8.80E-09	3.07E-09	3.06E-04	4.82E-08	1.68E-08	2.53E-05	3.99E-09	1.39E-09
2963	479176.63, 3849971.93	3.17E-04	5.00E-08	1.74E-08	5.00E-05	7.87E-09	2.74E-09	3.26E-04	5.13E-08	1.79E-08	5.78E-05	9.10E-09	3.17E-09	3.03E-04	4.78E-08	1.66E-08	2.62E-05	4.12E-09	1.44E-09
2964	479226.63, 3849971.93	3.02E-04	4.76E-08	1.66E-08	5.09E-05	8.01E-09	2.79E-09	3.11E-04	4.90E-08	1.71E-08	5.89E-05	9.27E-09	3.23E-09	2.87E-04	4.52E-08	1.57E-08	2.66E-05	4.20E-09	1.46E-09
2965	479276.63, 3849971.93	3.09E-04	4.87E-08	1.70E-08	5.31E-05	8.36E-09	2.91E-09	3.18E-04	5.02E-08	1.75E-08	6.14E-05	9.68E-09	3.37E-09	2.93E-04	4.61E-08	1.61E-08	2.78E-05	4.38E-09	1.52E-09
2966	479326.63, 3849971.93	3.14E-04	4.94E-08	1.72E-08	5.51E-05	8.68E-09	3.02E-09	3.23E-04	5.09E-08	1.77E-08	6.38E-05	1.00E-08	3.50E-09	2.96E-04	4.67E-08	1.63E-08	2.88E-05	4.54E-09	1.58E-09
2967	479376.63, 3849971.93	3.02E-04	4.76E-08	1.66E-08	5.63E-05	8.87E-09	3.09E-09	3.12E-04	4.92E-08	1.71E-08	6.52E-05	1.03E-08	3.58E-09	2.84E-04	4.47E-08	1.56E-08	2.95E-05	4.64E-09	1.62E-09
2968	479426.63, 3849971.93	3.03E-04	4.78E-08	1.66E-08	5.81E-05	9.15E-09	3.19E-09	3.13E-04	4.93E-08	1.72E-08	6.72E-05	1.06E-08	3.69E-09	2.83E-04	4.47E-08	1.56E-08	3.04E-05	4.79E-09	1.67E-09
2969	478726.63, 3850021.93	3.33E-04	5.24E-08	1.83E-08	3.89E-05	6.13E-09	2.13E-09	3.39E-04	5.35E-08	1.86E-08	4.50E-05	7.08E-09	2.47E-09	3.26E-04	5.14E-08	1.79E-08	2.04E-05	3.21E-09	1.12E-09
2970	478776.63, 3850021.93	3.31E-04	5.22E-08	1.82E-08	3.95E-05	6.22E-09	2.17E-09	3.38E-04	5.33E-08	1.86E-08	4.57E-05	7.20E-09	2.51E-09	3.25E-04	5.11E-08	1.78E-08	2.07E-05	3.27E-09	1.14E-09
2971	478826.63, 3850021.93	3.30E-04	5.20E-08	1.81E-08	4.03E-05	6.35E-09	2.21E-09	3.37E-04	5.31E-08	1.85E-08	4.66E-05	7.34E-09	2.56E-09	3.23E-04	5.09E-08	1.77E-08	2.11E-05	3.33E-09	1.16E-09
2972	478976.63, 3850021.93	3.30E-04	5.19E-08	1.81E-08	4.34E-05	6.83E-09	2.38E-09	3.37E-04	5.31E-08	1.85E-08	5.02E-05	7.90E-09	2.75E-09	3.20E-04	5.05E-08	1.76E-08	2.27E-05	3.58E-09	1.25E-09
2973	478726.63, 3850071.93	3.39E-04	5.34E-08	1.86E-08	3.89E-05	6.13E-09	2.14E-09	3.46E-04	5.45E-08	1.90E-08	4.50E-05	7.09E-09	2.47E-09	3.33E-04	5.25E-08	1.83E-08	2.04E-05	3.22E-09	1.12E-09
2974	478776.63, 3850071.93	3.38E-04	5.32E-08	1.85E-08	3.94E-05	6.21E-09	2.16E-09	3.45E-04	5.43E-08	1.89E-08	4.56E-05	7.19E-09	2.50E-09	3.32E-04	5.22E-08	1.82E-08	2.07E-05	3.26E-09	1.14E-09
2975	478826.63, 3850071.93	3.37E-04	5.30E-08	1.85E-08	4.01E-05	6.31E-09	2.20E-09	3.43E-04	5.41E-08	1.88E-08	4.63E-05	7.30E-09	2.54E-09	3.30E-04	5.19E-08	1.81E-08	2.10E-05	3.31E-09	1.15E-09
2976	478876.63, 3850071.93	3.36E-04	5.29E-08	1.84E-08	4.08E-05	6.43E-09	2.24E-09	3.43E-04	5.40E-08	1.88E-08	4.72E-05	7.44E-09	2.59E-09	3.29E-04	5.18E-08	1.80E-08	2.14E-05	3.37E-09	1.18E-09
2977	478976.63, 3850071.93	3.36E-04	5.29E-08	1.84E-08	4.28E-05	6.75E-09	2.35E-09	3.43E-04	5.40E-08	1.88E-08	4.95E-05	7.80E-09	2.72E-09	3.27E-04	5.15E-08	1.80E-08	2.25E-05	3.54E-09	1.23E-09
2978	478726.63, 3850121.93	3.45E-04	5.44E-08	1.90E-08	3.91E-05	6.16E-09	2.14E-09	3.52E-04	5.55E-08	1.93E-08	4.52E-05	7.12E-09	2.48E-09	3.40E-04	5.35E-08	1.86E-08	2.05E-05	3.23E-09	1.13E-09
2979	478776.63, 3850121.93	3.44E-04	5.43E-08	1.89E-08	3.95E-05	6.22E-09	2.17E-09	3.51E-04	5.53E-08	1.93E-08	4.57E-05	7.20E-09	2.51E-09	3.38E-04	5.33E-08	1.86E-08	2.07E-05	3.27E-09	1.14E-09
2980	478826.63, 3850121.93	3.43E-04	5.41E-08	1.88E-08	4.00E-05	6.31E-09	2.20E-09	3.50E-04	5.51E-08	1.92E-08	4.63E-05	7.29E-09	2.54E-09	3.37E-04	5.31E-08	1.85E-08	2.10E-05	3.31E-09	1.15E-09
2981	478876.63, 3850121.93	3.42E-04	5.38E-08	1.88E-08	4.07E-05	6.40E-09	2.23E-09	3.49E-04	5.49E-08	1.91E-08	4.70E-05	7.41E-09	2.58E-09	3.35E-04	5.28E-08	1.84E-08	2.13E-05	3.36E-09	1.17E-09
2982	478976.63, 3850121.93	3.42E-04	5.39E-08	1.88E-08	4.24E-05	6.68E-09	2.33E-09	3.49E-04	5.50E-08	1.92E-08	4.90E-05	7.72E-09	2.69E-09	3.34E-04	5.26E-08	1.83E-08	2.22E-05	3.50E-09	1.22E-09
2983	479026.63, 3850121.93	3.42E-04	5.38E-08	1.88E-08	4.35E-05	6.85E-09	2.38E-09	3.49E-04	5.50E-08	1.92E-08	5.03E-05	7.92E-09	2.76E-09	3.33E-04	5.25E-08	1.83E-08	2.28E-05	3.59E-09	1.25E-09
2984	479076.63, 3850121.93	3.41E-04	5.36E-08	1.87E-08	4.46E-05	7.02E-09	2.45E-09	3.48E-04	5.48E-08	1.91E-08	5.16E-05	8.13E-09	2.83E-09	3.31E-04	5.22E-08	1.82E-08	2.34E-05	3.68E-09	1.28E-09
2985	479126.63, 3850121.93	3.40E-04	5.35E-08	1.86E-08	4.58E-05	7.22E-09	2.52E-09	3.47E-04	5.47E-08	1.91E-08	5.30E-05	8.35E-09	2.91E-09	3.29E-04	5.19E-08	1.81E-08	2.40E-05	3.78E-09	1.32E-09
2986	478776.63, 3850171.93	3.51E-04	5.52E-08	1.92E-08	3.97E-05	6.25E-09	2.18E-09	3.57E-04	5.63E-08	1.96E-08	4.59E-05	7.23E-09	2.52E-09	3.45E-04	5.43E-08	1.89E-08	2.08E-05	3.28E-09	1.14E-09
2987	478826.63, 3850171.93	3.49E-04	5.50E-08	1.92E-08	4.01E-05	6.31E-09	2.20E-09	3.56E-04	5.61E-08	1.95E-08	4.63E-05	7.30E-09	2.54E-09	3.43E-04	5.41E-08	1.88E-08	2.10E-05	3.31E-09	1.15E-09
2988	478876.63, 3850171.93	3.48E-04	5.48E-08	1.91E-08	4.06E-05	6.39E-09	2.23E-09	3.55E-04	5.59E-08	1.95E-08	4.69E-05	7.39E-09	2.58E-09	3.42E-04	5.38E-08	1.87E-08	2.13E-05	3.35E-09	1.17E-09
2989	478976.63, 3850171.93	3.48E-04	5.49E-08	1.91E-08	4.21E-05	6.64E-09	2.31E-09	3.56E-04	5.60E-08	1.95E-08	4.87E-05	7.68E-09	2.67E-09	3.41E-04	5.37E-08	1.87E-08	2.21E-05	3.48E-09	1.21E-09
2990	479026.63, 3850171.93	3.49E-04	5.49E-08	1.91E-08	4.31E-05	6.79E-09	2.36E-09	3.56E-04	5.61E-08	1.95E-08	4.98E-05	7.85E-09	2.74E-09	3.41E-04	5.37E-08	1.87E-08	2.26E-05	3.56E-09	1.24E-09
2991	479076.63, 3850171.93	3.48E-04	5.47E-08	1.91E-08	4.41E-05	6.94E-09	2.42E-09	3.55E-04	5.59E-08	1.95E-08	5.10E-05	8.03E-09	2.80E-09	3.39E-04	5.34E-08	1.86E-08	2.31E-05	3.64E-09	1.27E-09
2992	479126.63, 3850171.93	3.47E-04	5.46E-08	1.90E-08	4.52E-05	7.12E-09	2.48E-09	3.54E-04	5.58E-08	1.94E-08	5.23E-05	8.24E-09	2.87E-09	3.37E-04	5.31E-08	1.85E-08	2.37E-05	3.73E-09	1.30E-09
2993	479176.63, 3850171.93	3.47E-04	5.47E-08	1.90E-08	4.66E-05	7.34E-09	2.56E-09	3.55E-04	5.59E-08	1.95E-08	5.39E-05	8.49E-09	2.96E-09	3.37E-04	5.30E-08	1.85E-08	2.44E-05	3.85E-09	1.34E-09
2994	479226.63, 3850171.93	3.50E-04	5.51E-08	1.92E-08	4.81E-05	7.58E-09	2.64E-09	3.58E-04	5.64E-08	1.96E-08	5.57E-05	8.77E-09	3.06E-09	3.39E-04	5.33E-08	1.86E-08	2.52E-05	3.97E-09	1.38E-09
2995	479276.63, 3850171.93	3.52E-04	5.55E-08	1.93E-08	4.98E-05	7.85E-09	2.73E-09	3.61E-04	5.68E-08	1.98E-08	5.76E-05	9.08E-09	3.16E-09	3.40E-04	5.36E-08	1.87E-08	2.61E-05	4.11E-09	1.43E-09
2996	479326.63, 3850171.93	3.49E-04	5.51E-08	1.92E-08	5.13E-05	8.08E-09	2.82E-09	3.58E-04	5.64E-08	1.97E-08	5.94E-05	9.35E-09	3.26E-09	3.36E-04	5.30E-08	1.85E-08	2.69E-05	4.23E-09	1.47E-09
2997	479376.63, 3850171.93	3.47E-04	5.46E-08	1.90E-08	5.29E-05	8.34E-09	2.91E-09	3.56E-04	5.60E-08	1.95E-08	6.13E-05	9.65E-09	3.36E-09	3.32E-04	5.24E-08	1.82E-08	2.77E-05	4.37E-09	1.52E-09
2998	478676.63, 3850221.93	3.57E-04	5.62E-08	1.96E-08	3.96E-05	6.24E-09	2.17E-09	3.64E-04	5.73E-08	2.00E-08	4.58E-05	7.21E-09	2.51E-09	3.51E-04	5.54E-08	1.93E-08	2.08E-05	3.27E-09	1.14E-09
2999	478726.63, 3850221.93	3.57E-04	5.63E-08	1.96E-08	3.98E-05	6.27E-09	2.18E-09	3.64E-04	5.74E-08	2.00E-08	4.60E-05	7.25E-09	2.52E-09	3.52E-04	5.54E-08	1.93E-08	2.09E-05	3.29E-09	1.15E-09
3000	478976.63, 3850221.93	3.55E-04	5.60E-08	1.95E-08	4.20E-05	6.62E-09	2.31E-09	3.62E-04	5.71E-08	1.99E-08	4.86E-05	7.66E-09	2.67E-09	3.48E-04	5.49E-08	1.91E-08	2.20E-05	3.47E-09	1.21E-09
3001	479026.63, 3850221.93	3.56E-04	5.60E-08	1.95E-08	4.28E-05	6.75E-09	2.35E-09	3.63E-04	5.72E-08	1.99E-08	4.95E-05	7.80E-09	2.72E-09	3.48E-04	5.48E-08	1.91E-08	2.25E-05	3.54E-09	1.23E-09
3002	479076.63, 3850221.93	3.54E-04	5.58E-08	1.94E-08	4.37E-05	6.89E-09	2.40E-09	3.62E-04	5.70E-08	1.99E-08	5.06E-05	7.97E-09	2.78E-09	3.46E-04	5.46E-08	1.90E-08	2.29E-05	3.61E-09	1.26E-09
3003	479126.63, 3850221.93	3.54E-04	5.58E-08	1.94E-08	4.48E-05	7.05E-09	2.46E-09	3.62E-04	5.70E-08	1.99E-08	5.18E-05	8.16E-09	2.84E-09	3.45E-04	5.44E-08	1.90E-08	2.35E-05	3.70E-09	1.29E-09
3004	479176.63, 3850221.93	3.55E-04	5.60E-08	1.95E-08	4.60E-05	7.25E-09	2.53E-09	3.63E-04	5.72E-08	1.99E-08	5.32E-05	8.39E-09	2.92E-09	3.46E-04	5.45E-08	1.90E-08	2.41E-05	3.80E-09	1.32E-09
3005	479226.63, 3850221.93	3.57E-04	5.62E-08	1.96E-08	4.74E-05	7.47E-09	2.60E-09	3.65E-04	5.75E-08	2.00E-08	5.49E-05	8.64E-09	3.01E-09	3.46E-04	5.46E-08	1.90E-08	2.48E-05	3.91E-09	1.36E-09
3006	479276.63, 3850221.93	3.58E-04	5.64E-08	1.97E-08	4.90E-05	7.71E-09	2.69E-09	3.66E-04	5.77E-08	2.01E-08	5.67E-05	8.93E-09	3.11E-09	3.47E-04	5.47E-08	1.90E-08	2.57E-05	4.04E-09	1.41E-09
3007	479326.63, 3850221.93	3.55E-04	5.60E-08	1.95E-08	5.04E-05	7.93E-09	2.76E-09	3.64E-04	5.74E-08	2.00E-08	5.83E-05	9.18E-09	3.20E-09	3.43E-04	5.41E-08	1.88E-08	2.64E-05	4.16E-09	1.45E-09
3008	479376.63, 3850221.93	3.54E-04	5.57E-08	1.94E-08	5.19E-05	8.18E-09	2.85E-09	3.63E-04	5.71E-08	1.99E-08	6.01E-05	9.47E-09	3.30E-09	3.41E-04	5.37E-08	1.87E-08	2.72E-05	4.28E-09	1.49E-09
3009	478676.63, 3850271.93	3.62E-04	5.71E-08	1.99E-08	4.02E-05	6.34E-09	2.21E-09	3.69E-04	5.82E-08	2.03E-08	4.65E-05	7.33E-09	2.55E-09	3.57E-04	5.62E-08	1.96E-08	2.11E-05	3.32E-09	1.16E-09
3010	478726.63, 3850271.93	3.63E-04	5.72E-08	1.99E-08	4.03E-05	6.35E-09	2.21E-09	3.70E-04	5.83E-08	2.03E-08	4.66E-05	7.34E-09	2.56E-09	3.58E-04	5.63E-08	1.96E-08	2.11E-05	3.33E-09	1.16E-09
3011	478976.63, 3850271.93	3.61E-04	5.69E-08	1.98E-08	4.20E-05	6.61E-09	2.30E-09	3.68E-04	5.80E-08	2.02E-08	4.86E-05	7.65E-09	2.67E-09	3.55E-04	5.59E-08	1.95E-08	2.20E-05	3.47E-09	1.21E-09

3012	479026.63, 3850271.93	3.62E-04	5.70E-08	1.99E-08	4.28E-05	6.74E-09	2.35E-09	3.69E-04	5.82E-08	2.03E-08	4.95E-05	7.79E-09	2.71E-09	3.55E-04	5.59E-08	1.95E-08	2.24E-05	3.53E-09	1.23E-09
3013	479076.63, 3850271.93	3.62E-04	5.70E-08	1.99E-08	4.35E-05	6.86E-09	2.39E-09	3.69E-04	5.82E-08	2.03E-08	5.04E-05	7.93E-09	2.76E-09	3.54E-04	5.58E-08	1.94E-08	2.28E-05	3.60E-09	1.25E-09
3014	479126.63, 3850271.93	3.62E-04	5.70E-08	1.98E-08	4.45E-05	7.01E-09	2.44E-09	3.69E-04	5.82E-08	2.03E-08	5.15E-05	8.11E-09	2.82E-09	3.53E-04	5.57E-08	1.94E-08	2.33E-05	3.67E-09	1.28E-09
3015	479176.63, 3850271.93	3.62E-04	5.71E-08	1.99E-08	4.56E-05	7.18E-09	2.50E-09	3.70E-04	5.83E-08	2.03E-08	5.27E-05	8.31E-09	2.89E-09	3.53E-04	5.57E-08	1.94E-08	2.39E-05	3.76E-09	1.31E-09
3016	479226.63, 3850271.93	3.63E-04	5.72E-08	1.99E-08	4.69E-05	7.38E-09	2.57E-09	3.71E-04	5.85E-08	2.04E-08	5.42E-05	8.54E-09	2.98E-09	3.54E-04	5.57E-08	1.94E-08	2.46E-05	3.87E-09	1.35E-09
3017	479276.63, 3850271.93	3.63E-04	5.72E-08	1.99E-08	4.82E-05	7.59E-09	2.65E-09	3.72E-04	5.85E-08	2.04E-08	5.58E-05	8.78E-09	3.06E-09	3.53E-04	5.56E-08	1.94E-08	2.53E-05	3.98E-09	1.39E-09
3018	479326.63, 3850271.93	3.61E-04	5.69E-08	1.98E-08	4.95E-05	7.80E-09	2.72E-09	3.70E-04	5.83E-08	2.03E-08	5.73E-05	9.03E-09	3.14E-09	3.50E-04	5.52E-08	1.92E-08	2.59E-05	4.09E-09	1.42E-09
3019	479376.63, 3850271.93	3.58E-04	5.64E-08	1.96E-08	5.09E-05	8.02E-09	2.79E-09	3.67E-04	5.78E-08	2.01E-08	5.89E-05	9.28E-09	3.23E-09	3.46E-04	5.45E-08	1.90E-08	2.67E-05	4.20E-09	1.46E-09
3020	479053.24, 3850293.52	3.65E-04	5.75E-08	2.00E-08	4.32E-05	6.80E-09	2.37E-09	3.73E-04	5.87E-08	2.05E-08	4.99E-05	7.87E-09	2.74E-09	3.58E-04	5.64E-08	1.97E-08	2.26E-05	3.57E-09	1.24E-09
3021	479103.24, 3850293.52	3.65E-04	5.75E-08	2.00E-08	4.40E-05	6.93E-09	2.42E-09	3.73E-04	5.87E-08	2.05E-08	5.09E-05	8.02E-09	2.79E-09	3.58E-04	5.63E-08	1.96E-08	2.31E-05	3.64E-09	1.27E-09
3022	479153.24, 3850293.52	3.65E-04	5.75E-08	2.00E-08	4.49E-05	7.08E-09	2.47E-09	3.73E-04	5.87E-08	2.04E-08	5.20E-05	8.19E-09	2.85E-09	3.57E-04	5.62E-08	1.96E-08	2.36E-05	3.71E-09	1.29E-09
3023	479203.24, 3850293.52	3.66E-04	5.76E-08	2.01E-08	4.61E-05	7.26E-09	2.53E-09	3.74E-04	5.89E-08	2.05E-08	5.33E-05	8.40E-09	2.93E-09	3.57E-04	5.62E-08	1.96E-08	2.42E-05	3.81E-09	1.33E-09
3024	479253.24, 3850293.52	3.66E-04	5.77E-08	2.01E-08	4.73E-05	7.45E-09	2.60E-09	3.74E-04	5.90E-08	2.05E-08	5.47E-05	8.62E-09	3.00E-09	3.57E-04	5.62E-08	1.96E-08	2.48E-05	3.91E-09	1.36E-09
3025	479303.24, 3850293.52	3.65E-04	5.74E-08	2.00E-08	4.86E-05	7.65E-09	2.67E-09	3.73E-04	5.88E-08	2.05E-08	5.62E-05	8.85E-09	3.08E-09	3.54E-04	5.58E-08	1.94E-08	2.54E-05	4.01E-09	1.40E-09
3026	479353.24, 3850293.52	3.62E-04	5.70E-08	1.99E-08	4.99E-05	7.86E-09	2.74E-09	3.71E-04	5.84E-08	2.03E-08	5.77E-05	9.09E-09	3.17E-09	3.51E-04	5.52E-08	1.92E-08	2.61E-05	4.12E-09	1.43E-09
3027	479153.24, 3850343.52	3.72E-04	5.87E-08	2.04E-08	4.48E-05	7.06E-09	2.46E-09	3.80E-04	5.99E-08	2.09E-08	5.18E-05	8.17E-09	2.85E-09	3.65E-04	5.74E-08	2.00E-08	2.35E-05	3.70E-09	1.29E-09
3028	479203.24, 3850343.52	3.74E-04	5.89E-08	2.05E-08	4.66E-05	7.34E-09	2.56E-09	3.82E-04	6.01E-08	2.09E-08	5.39E-05	8.49E-09	2.96E-09	3.65E-04	5.75E-08	2.00E-08	2.44E-05	3.85E-09	1.34E-09
3029	479253.24, 3850343.52	3.72E-04	5.86E-08	2.04E-08	4.68E-05	7.37E-09	2.57E-09	3.80E-04	5.98E-08	2.08E-08	5.41E-05	8.53E-09	2.97E-09	3.63E-04	5.72E-08	1.99E-08	2.45E-05	3.86E-09	1.35E-09
3030	479303.24, 3850343.52	3.70E-04	5.83E-08	2.03E-08	4.79E-05	7.54E-09	2.63E-09	3.78E-04	5.96E-08	2.08E-08	5.54E-05	8.72E-09	3.04E-09	3.60E-04	5.68E-08	1.98E-08	2.51E-05	3.95E-09	1.38E-09
3031	479353.24, 3850343.52	3.67E-04	5.79E-08	2.02E-08	4.91E-05	7.73E-09	2.69E-09	3.76E-04	5.92E-08	2.06E-08	5.68E-05	8.95E-09	3.12E-09	3.57E-04	5.62E-08	1.96E-08	2.57E-05	4.05E-09	1.41E-09
3032	479203.24, 3850393.52	3.80E-04	5.98E-08	2.08E-08	4.62E-05	7.28E-09	2.54E-09	3.88E-04	6.11E-08	2.13E-08	5.35E-05	8.42E-09	2.93E-09	3.71E-04	5.85E-08	2.04E-08	2.42E-05	3.82E-09	1.33E-09
3033	479253.24, 3850393.52	3.79E-04	5.96E-08	2.08E-08	4.71E-05	7.43E-09	2.59E-09	3.87E-04	6.09E-08	2.12E-08	5.45E-05	8.59E-09	2.99E-09	3.70E-04	5.82E-08	2.03E-08	2.47E-05	3.89E-09	1.36E-09
3034	479303.24, 3850393.52	3.77E-04	5.94E-08	2.07E-08	4.82E-05	7.59E-09	2.64E-09	3.85E-04	6.07E-08	2.11E-08	5.57E-05	8.78E-09	3.06E-09	3.67E-04	5.79E-08	2.02E-08	2.52E-05	3.98E-09	1.39E-09
3035	479353.24, 3850393.52	3.74E-04	5.89E-08	2.05E-08	4.85E-05	7.64E-09	2.66E-09	3.82E-04	6.02E-08	2.10E-08	5.61E-05	8.84E-09	3.08E-09	3.64E-04	5.73E-08	2.00E-08	2.54E-05	4.00E-09	1.39E-09
3036	479403.24, 3850393.52	3.72E-04	5.85E-08	2.04E-08	4.97E-05	7.83E-09	2.73E-09	3.80E-04	5.99E-08	2.09E-08	5.75E-05	9.06E-09	3.16E-09	3.61E-04	5.68E-08	1.98E-08	2.60E-05	4.10E-09	1.43E-09
3037	479453.24, 3850393.52	3.68E-04	5.79E-08	2.02E-08	5.10E-05	8.03E-09	2.80E-09	3.76E-04	5.93E-08	2.07E-08	5.90E-05	9.30E-09	3.24E-09	3.56E-04	5.61E-08	1.95E-08	2.67E-05	4.21E-09	1.47E-09
3038	479503.24, 3850393.52	3.63E-04	5.72E-08	1.99E-08	5.24E-05	8.26E-09	2.88E-09	3.72E-04	5.86E-08	2.04E-08	6.07E-05	9.56E-09	3.33E-09	3.50E-04	5.52E-08	1.92E-08	2.75E-05	4.33E-09	1.51E-09
3039	479303.24, 3850443.52	3.82E-04	6.02E-08	2.10E-08	4.77E-05	7.51E-09	2.62E-09	3.91E-04	6.15E-08	2.14E-08	5.52E-05	8.69E-09	3.03E-09	3.73E-04	5.88E-08	2.05E-08	2.50E-05	3.94E-09	1.37E-09
3040	479353.24, 3850443.52	3.79E-04	5.97E-08	2.08E-08	4.79E-05	7.55E-09	2.63E-09	3.87E-04	6.10E-08	2.12E-08	5.54E-05	8.73E-09	3.04E-09	3.69E-04	5.82E-08	2.03E-08	2.51E-05	3.96E-09	1.38E-09
3041	479403.24, 3850443.52	3.75E-04	5.91E-08	2.06E-08	4.89E-05	7.70E-09	2.68E-09	3.83E-04	6.04E-08	2.10E-08	5.66E-05	8.91E-09	3.11E-09	3.65E-04	5.75E-08	2.00E-08	2.56E-05	4.04E-09	1.41E-09
3042	479453.24, 3850443.52	3.72E-04	5.85E-08	2.04E-08	5.01E-05	7.89E-09	2.75E-09	3.80E-04	5.99E-08	2.09E-08	5.79E-05	9.13E-09	3.18E-09	3.61E-04	5.68E-08	1.98E-08	2.62E-05	4.13E-09	1.44E-09
3043	479503.24, 3850443.52	3.67E-04	5.79E-08	2.02E-08	5.14E-05	8.10E-09	2.82E-09	3.76E-04	5.93E-08	2.06E-08	5.95E-05	9.37E-09	3.26E-09	3.55E-04	5.60E-08	1.95E-08	2.69E-05	4.24E-09	1.48E-09
3044	480327.18, 3850987.04	4.38E-04	6.89E-08	2.40E-08	7.12E-05	1.12E-08	3.91E-09	4.50E-04	7.08E-08	2.47E-08	8.24E-05	1.30E-08	4.52E-09	4.17E-04	6.57E-08	2.29E-08	3.72E-05	5.87E-09	2.04E-09
3045	480377.18, 3850987.04	4.37E-04	6.88E-08	2.40E-08	7.33E-05	1.15E-08	4.02E-09	4.49E-04	7.07E-08	2.46E-08	8.48E-05	1.34E-08	4.65E-09	4.15E-04	6.53E-08	2.28E-08	3.83E-05	6.04E-09	2.10E-09
3046	480427.18, 3850987.04	4.35E-04	6.85E-08	2.39E-08	7.53E-05	1.19E-08	4.13E-09	4.48E-04	7.05E-08	2.46E-08	8.72E-05	1.37E-08	4.78E-09	4.11E-04	6.48E-08	2.26E-08	3.94E-05	6.20E-09	2.16E-09
3047	480477.18, 3850987.04	4.32E-04	6.80E-08	2.37E-08	7.72E-05	1.22E-08	4.24E-09	4.45E-04	7.01E-08	2.44E-08	8.93E-05	1.41E-08	4.90E-09	4.08E-04	6.42E-08	2.24E-08	4.03E-05	6.35E-09	2.21E-09
3048	480327.18, 3851037.04	4.45E-04	7.00E-08	2.44E-08	7.01E-05	1.10E-08	3.85E-09	4.57E-04	7.19E-08	2.51E-08	8.12E-05	1.28E-08	4.45E-09	4.25E-04	6.70E-08	2.33E-08	3.67E-05	5.78E-09	2.01E-09
3049	480377.18, 3851037.04	4.43E-04	6.98E-08	2.43E-08	7.23E-05	1.14E-08	3.97E-09	4.56E-04	7.18E-08	2.50E-08	8.36E-05	1.32E-08	4.59E-09	4.23E-04	6.66E-08	2.32E-08	3.78E-05	5.95E-09	2.07E-09
3050	480427.18, 3851037.04	4.41E-04	6.95E-08	2.42E-08	7.44E-05	1.17E-08	4.08E-09	4.54E-04	7.16E-08	2.49E-08	8.61E-05	1.36E-08	4.72E-09	4.19E-04	6.61E-08	2.30E-08	3.89E-05	6.12E-09	2.13E-09
3051	480477.18, 3851037.04	4.41E-04	6.94E-08	2.42E-08	7.64E-05	1.20E-08	4.19E-09	4.54E-04	7.15E-08	2.49E-08	8.84E-05	1.39E-08	4.85E-09	4.17E-04	6.57E-08	2.29E-08	3.99E-05	6.29E-09	2.19E-09
3052	480622.06, 3851087.39	4.47E-04	7.04E-08	2.45E-08	8.13E-05	1.28E-08	4.46E-09	4.61E-04	7.26E-08	2.53E-08	9.41E-05	1.48E-08	5.17E-09	4.21E-04	6.63E-08	2.31E-08	4.25E-05	6.69E-09	2.33E-09
3053	480672.06, 3851087.39	4.47E-04	7.04E-08	2.45E-08	8.31E-05	1.31E-08	4.56E-09	4.61E-04	7.26E-08	2.53E-08	9.62E-05	1.51E-08	5.28E-09	4.20E-04	6.61E-08	2.30E-08	4.34E-05	6.84E-09	2.38E-09
3054	480622.06, 3851137.39	4.56E-04	7.18E-08	2.50E-08	8.07E-05	1.27E-08	4.43E-09	4.70E-04	7.40E-08	2.58E-08	9.33E-05	1.47E-08	5.12E-09	4.31E-04	6.79E-08	2.36E-08	4.21E-05	6.64E-09	2.31E-09
3055	480672.06, 3851137.39	4.56E-04	7.18E-08	2.50E-08	8.26E-05	1.30E-08	4.53E-09	4.70E-04	7.40E-08	2.58E-08	9.56E-05	1.51E-08	5.25E-09	4.29E-04	6.76E-08	2.36E-08	4.32E-05	6.80E-09	2.37E-09
3056	480722.06, 3851137.39	4.56E-04	7.18E-08	2.50E-08	8.44E-05	1.33E-08	4.63E-09	4.71E-04	7.41E-08	2.58E-08	9.77E-05	1.54E-08	5.36E-09	4.29E-04	6.75E-08	2.35E-08	4.41E-05	6.95E-09	2.42E-09
3057	480622.06, 3851187.39	4.64E-04	7.32E-08	2.55E-08	7.97E-05	1.26E-08	4.38E-09	4.78E-04	7.53E-08	2.62E-08	9.23E-05	1.45E-08	5.06E-09	4.40E-04	6.93E-08	2.42E-08	4.17E-05	6.56E-09	2.29E-09
3058	480672.06, 3851187.39	4.65E-04	7.32E-08	2.55E-08	8.19E-05	1.29E-08	4.50E-09	4.79E-04	7.54E-08	2.63E-08	9.48E-05	1.49E-08	5.20E-09	4.39E-04	6.92E-08	2.41E-08	4.28E-05	6.74E-09	2.35E-09
3059	480722.06, 3851187.39	4.66E-04	7.33E-08	2.55E-08	8.39E-05	1.32E-08	4.61E-09	4.80E-04	7.56E-08	2.63E-08	9.71E-05	1.53E-08	5.33E-09	4.39E-04	6.91E-08	2.41E-08	4.38E-05	6.91E-09	2.41E-09
3060	471363.09, 3845877.25	8.63E-05	1.36E-08	4.74E-09	1.32E-05	2.09E-09	7.27E-10	8.86E-05	1.40E-08	4.86E-09	1.53E-05	2.41E-09	8.40E-10	8.24E-05	1.30E-08	4.52E-09	7.01E-06	1.10E-09	3.85E-10
3061	471863.09, 3845877.25	8.34E-05	1.31E-08	4.58E-09	1.27E-05	1.99E-09	6.95E-10	8.56E-05	1.35E-08	4.70E-09	1.46E-05	2.30E-09	8.02E-10	7.97E-05	1.26E-08	4.37E-09	6.70E-06	1.06E-09	3.68E-10
3062	472363.09, 3845877.25	9.09E-05	1.43E-08	4.99E-09	1.36E-05	2.14E-09	7.45E-10	9.32E-05	1.47E-08	5.12E-09	1.57E-05	2.47E-09	8.61E-10	8.70E-05	1.37E-08	4.77E-09	7.19E-06	1.13E-09	3.94E-10
3063	472863.09, 3845877.25	8.39E-05	1.32E-08	4.61E-09	1.17E-05	1.84E-09	6.42E-10	8.59E-05	1.35E-08	4.72E-09	1.35E-05	2.13E-09	7.42E-10	8.08E-05	1.27E-08	4.43E-09	6.21E-06	9.78E-10	3.41E-10
3064	473363.09, 3845877.25	9.07E-05	1.43E-08	4.98E-09	1.10E-05	1.74E-09	6.06E-10	9.26E-05	1.46E-08	5.08E-09	1.27E-05	2.01E-09	7.00E-10	8.84E-05	1.39E-08	4.85E-09	5.87E-06	9.24E-10	3.22E-10
3065	473863.09, 3845877.25	9.86E-05	1.55E-08	5.41E-09	1.17E-05	1.84E-09	6.42E-10	1.01E-04	1.58E-08	5.52E-09	1.35E-05	2.13E-09	7.42E-10	9.63E-05	1.52E-08	5.28E-09	6.21E-06	9.78E-10	3.41E-10
3066	474363.09, 3845877.25	1.11E-04	1.74E-08	6.07E-09	1.34E-05	2.10E-09	7.33E-10	1.13E-04	1.78E-08	6.19E-09	1.54E-05	2.43E-09	8.47E-10	1.08E-04	1.70E-08	5.92E-09	7.07E-06	1.11E-09	3.88E-10
3067	474863.09, 3845877.25	1.19E-04	1.88E-08	6.54E-09	1.62E-05	2.55E-09	8.87E-10	1.22E-04	1.92E-08	6.69E-09	1.87E-05	2.94E-09	1.02E-09	1.15E-04	1.81E-08	6.32E-09	8.52E-06	1.34E-09	4.68E-10
3068	475363.09, 3845877.25	1.28E-04	2.02E-08	7.02E-09	2.26E-05	3.57E-09	1.24E-09	1.32E-04	2.08E-08	7.24E-09	2.62E-05	4.12E-09	1.44E-09	1.21E-04	1.90E-08	6.62E-09	1.19E-05	1.87E-09	6.53E-10
3069	475863.09, 3845877.25	1.25E-04	1.97E-08	6.88E-09	2.36E-05	3.71E-09	1.29E-09	1.29E-04	2.04E-08	7.10E-09	2.72E-05	4.29E-09	1.50E-09	1.17E-04	1.85E-08	6.43E-09	1.24E-05	1.95E-09	6.79E-10
3070	476363.09, 3845877.25	1.14E-04	1.80E-08	6.26E-09	2.18E-05	3.43E-09	1.20E-09	1.18E-04	1.86E-08	6.46E-09	2.52E-05	3.97E-09	1.38E-09	1.06E-04	1.68E-08	5.84E-09	1.15E-05	1.81E-09	6.29E-10
3071	476863.09, 3845877.25	1.05E-04	1.66E-08	5.77E-09	2.07E-05	3.26E-09	1.14E-09	1.09E-04	1.71E-08	5.96E-09	2.39E-05	3.77E-09	1.31E-09	9.75E-05	1.54E-08	5.35E-09	1.09E-05	1.72E-09	5.98E-10
3072	477363.09, 3845877.25	9.82E-05	1.55E-08	5.39E-09	1.52E-05	2.40E-09	8.35E-10	1.01E-04	1.59E-08	5.53E-09	1.76E-05	2.77E-09	9.64E-10	9.35E-05	1.47E-08	5.13E-09	8.05E-06	1.27E-09	4.42E-10
3073	477863.09, 3845877.25	9.23E-05	1.45E-08	5.06E-09	1.32E-05	2.07E-09	7.22E-10	9.45E-05	1.49E-08	5.18E-09	1.52E-05	2.39E-09	8.34E-10	8.85E-05	1.39E-08	4.86E-09	6.99E-06	1.10E-09	3.84E-10
3074	478363.09, 3845877.25	9.06E-05	1.43E-08	4.97E-09	1.41E-05	2.23E-09	7.76E-10	9.30E-05	1.46E-08	5.10E-09	1.63E-05	2.57E-09	8.96E-10	8.62E-05	1.36E-08	4.73E-09	7.50E-06	1.18E-09	4.12E-10
3075	478863.09, 3845877.25	8.38E-05	1.32E-08	4.60E-09	1.23E-05	1.94E-09	6.77E-10	8.59E-05	1.35E-08	4.71E-09	1.42E-05	2.24E-09	7.82E-10	8.01E-05	1.26E-08	4.40E-09	6.56E-06	1.03E-09	3.60E-10
3076	479363.09, 3845877.25	8.20E-05	1.29E-08	4.50E-09	1.17E-05	1.85E-09	6.45E-10	8.40E-05	1.32E-08	4.61E-09	1.36E-05	2.14E-09	7.44E-10	7.87E-05	1.24E-08	4.32E-09	6.25E-06	9.85E-10	3.43E-10
3077	479863.09, 3845877.25	8.10E-05	1.28E-08	4.45E-09	1.19E-05	1.87E-09	6.53E-10	8.30E-05	1.31E-08	4.56E-09	1.37E-05	2.16E-09	7.54E-10	7.75E-05	1.22E-08	4.25E-09	6.33E-06	9.98E-10	3.48E-10
3078	480363.09, 3845877.25	7.65E-05	1.21E-08	4.20E-09	1.05E-05	1.65E-09	5.74E-10	7.83E-05	1.23E-08	4.30E-09	1.21E-05	1.90E-09	6.63E-10	7.36E-05	1.16E-08	4.04E-09	5.59E-06	8.81E-10	3.07E-10

3079	480863.09, 3845877.25	7.15E-05	1.13E-08	3.92E-09	9.15E-06	1.44E-09	5.02E-10	7.30E-05	1.15E-08	4.01E-09	1.05E-05	1.66E-09	5.79E-10	6.91E-05	1.09E-08	3.79E-09	4.91E-06	7.74E-10	2.70E-10
3080	481363.09, 3845877.25	6.84E-05	1.08E-08	3.75E-09	8.02E-06	1.26E-09	4.40E-10	6.97E-05	1.10E-08	3.82E-09	9.23E-06	1.45E-09	5.07E-10	6.65E-05	1.05E-08	3.65E-09	4.33E-06	6.81E-10	2.37E-10
3081	481863.09, 3845877.25	6.63E-05	1.04E-08	3.64E-09	7.47E-06	1.18E-09	4.10E-10	6.75E-05	1.06E-08	3.71E-09	8.60E-06	1.36E-09	4.72E-10	6.46E-05	1.02E-08	3.55E-09	4.05E-06	6.37E-10	2.22E-10
3082	482363.09, 3845877.25	6.45E-05	1.02E-08	3.54E-09	7.15E-06	1.13E-09	3.92E-10	6.57E-05	1.03E-08	3.60E-09	8.23E-06	1.30E-09	4.51E-10	6.29E-05	9.90E-09	3.45E-09	3.88E-06	6.11E-10	2.13E-10
3083	482863.09, 3845877.25	5.96E-05	9.39E-09	3.27E-09	5.83E-06	9.18E-10	3.20E-10	6.05E-05	9.53E-09	3.32E-09	6.70E-06	1.06E-09	3.68E-10	5.85E-05	9.21E-09	3.21E-09	3.20E-06	5.04E-10	1.75E-10
3084	483363.09, 3845877.25	5.71E-05	9.00E-09	3.13E-09	5.36E-06	8.44E-10	2.94E-10	5.80E-05	9.13E-09	3.18E-09	6.15E-06	9.69E-10	3.38E-10	5.61E-05	8.84E-09	3.08E-09	2.96E-06	4.66E-10	1.62E-10
3085	483863.09, 3845877.25	6.21E-05	9.79E-09	3.41E-09	6.12E-06	9.65E-10	3.36E-10	6.31E-05	9.94E-09	3.46E-09	7.03E-06	1.11E-09	3.86E-10	6.08E-05	9.58E-09	3.34E-09	3.37E-06	5.30E-10	1.85E-10
3086	484363.09, 3845877.25	6.23E-05	9.82E-09	3.42E-09	5.99E-06	9.44E-10	3.29E-10	6.33E-05	9.97E-09	3.47E-09	6.87E-06	1.08E-09	3.77E-10	6.11E-05	9.63E-09	3.35E-09	3.30E-06	5.21E-10	1.81E-10
3087	484863.09, 3845877.25	6.07E-05	9.56E-09	3.33E-09	5.83E-06	9.19E-10	3.20E-10	6.16E-05	9.71E-09	3.38E-09	6.69E-06	1.05E-09	3.67E-10	5.95E-05	9.37E-09	3.26E-09	3.22E-06	5.07E-10	1.77E-10
3088	485363.09, 3845877.25	5.76E-05	9.07E-09	3.16E-09	5.52E-06	8.69E-10	3.03E-10	5.85E-05	9.21E-09	3.21E-09	6.33E-06	9.97E-10	3.47E-10	5.65E-05	8.89E-09	3.10E-09	3.04E-06	4.79E-10	1.67E-10
3089	485863.09, 3845877.25	5.53E-05	8.71E-09	3.03E-09	5.23E-06	8.25E-10	2.87E-10	5.61E-05	8.84E-09	3.08E-09	6.01E-06	9.47E-10	3.30E-10	5.43E-05	8.55E-09	2.98E-09	2.89E-06	4.55E-10	1.58E-10
3090	486363.09, 3845877.25	5.38E-05	8.48E-09	2.95E-09	5.07E-06	7.99E-10	2.78E-10	5.47E-05	8.61E-09	3.00E-09	5.82E-06	9.17E-10	3.19E-10	5.29E-05	8.34E-09	2.90E-09	2.79E-06	4.40E-10	1.53E-10
3091	486863.09, 3845877.25	5.10E-05	8.03E-09	2.80E-09	4.65E-06	7.32E-10	2.55E-10	5.17E-05	8.15E-09	2.84E-09	5.33E-06	8.40E-10	2.93E-10	5.02E-05	7.91E-09	2.76E-09	2.56E-06	4.04E-10	1.41E-10
3092	487363.09, 3845877.25	4.89E-05	7.70E-09	2.68E-09	4.53E-06	7.13E-10	2.48E-10	4.96E-05	7.82E-09	2.72E-09	5.20E-06	8.19E-10	2.85E-10	4.82E-05	7.59E-09	2.64E-09	2.50E-06	3.93E-10	1.37E-10
3093	487863.09, 3845877.25	4.70E-05	7.40E-09	2.58E-09	4.34E-06	6.84E-10	2.38E-10	4.77E-05	7.51E-09	2.62E-09	4.98E-06	7.85E-10	2.73E-10	4.63E-05	7.29E-09	2.54E-09	2.40E-06	3.78E-10	1.32E-10
3094	488363.09, 3845877.25	4.67E-05	7.36E-09	2.57E-09	4.27E-06	6.72E-10	2.34E-10	4.74E-05	7.47E-09	2.60E-09	4.90E-06	7.71E-10	2.69E-10	4.60E-05	7.25E-09	2.53E-09	2.36E-06	3.72E-10	1.30E-10
3095	488863.09, 3845877.25	5.13E-05	8.09E-09	2.82E-09	4.64E-06	7.31E-10	2.55E-10	5.21E-05	8.20E-09	2.86E-09	5.32E-06	8.38E-10	2.92E-10	5.05E-05	7.96E-09	2.77E-09	2.57E-06	4.05E-10	1.41E-10
3096	489363.09, 3845877.25	5.13E-05	8.09E-09	2.82E-09	4.65E-06	7.32E-10	2.55E-10	5.21E-05	8.21E-09	2.86E-09	5.33E-06	8.39E-10	2.92E-10	5.05E-05	7.95E-09	2.77E-09	2.58E-06	4.07E-10	1.42E-10
3097	489863.09, 3845877.25	5.13E-05	8.07E-09	2.81E-09	4.58E-06	7.21E-10	2.51E-10	5.20E-05	8.19E-09	2.85E-09	5.25E-06	8.27E-10	2.88E-10	5.04E-05	7.94E-09	2.77E-09	2.55E-06	4.01E-10	1.40E-10
3098	490363.09, 3845877.25	4.91E-05	7.73E-09	2.69E-09	4.33E-06	6.83E-10	2.38E-10	4.98E-05	7.84E-09	2.73E-09	4.97E-06	7.83E-10	2.73E-10	4.84E-05	7.62E-09	2.65E-09	2.41E-06	3.79E-10	1.32E-10
3099	490863.09, 3845877.25	4.59E-05	7.24E-09	2.52E-09	4.02E-06	6.33E-10	2.21E-10	4.66E-05	7.34E-09	2.56E-09	4.61E-06	7.26E-10	2.53E-10	4.53E-05	7.14E-09	2.49E-09	2.23E-06	3.52E-10	1.23E-10
3100	491363.09, 3845877.25	4.85E-05	7.64E-09	2.66E-09	4.25E-06	6.70E-10	2.33E-10	4.92E-05	7.75E-09	2.70E-09	4.88E-06	7.68E-10	2.68E-10	4.78E-05	7.53E-09	2.62E-09	2.36E-06	3.72E-10	1.30E-10
3101	491863.09, 3845877.25	5.09E-05	8.01E-09	2.79E-09	4.53E-06	7.13E-10	2.48E-10	5.16E-05	8.13E-09	2.83E-09	5.19E-06	8.18E-10	2.85E-10	5.01E-05	7.89E-09	2.75E-09	2.51E-06	3.96E-10	1.38E-10
3102	492363.09, 3845877.25	4.97E-05	7.83E-09	2.73E-09	4.52E-06	7.12E-10	2.48E-10	5.04E-05	7.95E-09	2.77E-09	5.18E-06	8.16E-10	2.84E-10	4.89E-05	7.71E-09	2.69E-09	2.51E-06	3.95E-10	1.37E-10
3103	492863.09, 3845877.25	5.48E-05	8.63E-09	3.01E-09	5.13E-06	8.09E-10	2.82E-10	5.56E-05	8.76E-09	3.05E-09	5.89E-06	9.28E-10	3.23E-10	5.38E-05	8.48E-09	2.95E-09	2.84E-06	4.47E-10	1.56E-10
3104	493363.09, 3845877.25	5.66E-05	8.91E-09	3.11E-09	5.44E-06	8.56E-10	2.98E-10	5.75E-05	9.05E-09	3.15E-09	6.24E-06	9.83E-10	3.42E-10	5.55E-05	8.75E-09	3.05E-09	3.00E-06	4.72E-10	1.65E-10
3105	493863.09, 3845877.25	5.81E-05	9.16E-09	3.19E-09	5.81E-06	9.15E-10	3.19E-10	5.91E-05	9.31E-09	3.24E-09	6.67E-06	1.05E-09	3.66E-10	5.70E-05	8.97E-09	3.13E-09	3.19E-06	5.03E-10	1.75E-10
3106	494363.09, 3845877.25	5.94E-05	9.36E-09	3.26E-09	6.25E-06	9.85E-10	3.43E-10	6.04E-05	9.52E-09	3.32E-09	7.18E-06	1.13E-09	3.94E-10	5.81E-05	9.15E-09	3.19E-09	3.42E-06	5.39E-10	1.88E-10
3107	494863.09, 3845877.25	6.06E-05	9.54E-09	3.32E-09	6.48E-06	1.02E-09	3.55E-10	6.16E-05	9.70E-09	3.38E-09	7.44E-06	1.17E-09	4.08E-10	5.91E-05	9.31E-09	3.24E-09	3.54E-06	5.58E-10	1.95E-10
3108	495363.09, 3845877.25	6.38E-05	1.00E-08	3.50E-09	6.89E-06	1.09E-09	3.78E-10	6.49E-05	1.02E-08	3.56E-09	7.92E-06	1.25E-09	4.35E-10	6.22E-05	9.80E-09	3.41E-09	3.77E-06	5.93E-10	2.07E-10
3109	495863.09, 3845877.25	6.66E-05	1.05E-08	3.66E-09	7.27E-06	1.15E-09	3.99E-10	6.78E-05	1.07E-08	3.72E-09	8.36E-06	1.32E-09	4.59E-10	6.50E-05	1.02E-08	3.57E-09	3.96E-06	6.25E-10	2.18E-10
3110	496363.09, 3845877.25	6.97E-05	1.10E-08	3.83E-09	7.58E-06	1.19E-09	4.16E-10	7.10E-05	1.12E-08	3.90E-09	8.71E-06	1.37E-09	4.78E-10	6.80E-05	1.07E-08	3.73E-09	4.13E-06	6.51E-10	2.27E-10
3111	496863.09, 3845877.25	7.33E-05	1.15E-08	4.02E-09	7.81E-06	1.23E-09	4.29E-10	7.46E-05	1.17E-08	4.09E-09	8.98E-06	1.42E-09	4.93E-10	7.16E-05	1.13E-08	3.93E-09	4.26E-06	6.72E-10	2.34E-10
3112	497363.09, 3845877.25	7.71E-05	1.21E-08	4.23E-09	8.21E-06	1.29E-09	4.50E-10	7.85E-05	1.24E-08	4.31E-09	9.44E-06	1.49E-09	5.18E-10	7.53E-05	1.19E-08	4.13E-09	4.48E-06	7.06E-10	2.46E-10
3113	497863.09, 3845877.25	8.16E-05	1.28E-08	4.48E-09	8.71E-06	1.37E-09	4.78E-10	8.30E-05	1.31E-08	4.55E-09	1.00E-05	1.58E-09	5.50E-10	7.96E-05	1.25E-08	4.37E-09	4.76E-06	7.49E-10	2.61E-10
3114	498363.09, 3845877.25	8.62E-05	1.36E-08	4.73E-09	9.18E-06	1.45E-09	5.04E-10	8.77E-05	1.38E-08	4.81E-09	1.06E-05	1.66E-09	5.79E-10	8.41E-05	1.33E-08	4.62E-09	5.01E-06	7.90E-10	2.75E-10
3115	471363.09, 3846377.25	1.30E-04	2.06E-08	7.16E-09	1.86E-05	2.94E-09	1.02E-09	1.34E-04	2.11E-08	7.33E-09	2.15E-05	3.39E-09	1.18E-09	1.26E-04	1.98E-08	6.89E-09	9.82E-06	1.55E-09	5.39E-10
3116	471863.09, 3846377.25	1.15E-04	1.82E-08	6.33E-09	1.77E-05	2.79E-09	9.72E-10	1.18E-04	1.87E-08	6.50E-09	2.05E-05	3.23E-09	1.12E-09	1.10E-04	1.74E-08	6.05E-09	9.34E-06	1.47E-09	5.13E-10
3117	472363.09, 3846377.25	8.85E-05	1.39E-08	4.85E-09	1.38E-05	2.17E-09	7.56E-10	9.08E-05	1.43E-08	4.98E-09	1.59E-05	2.51E-09	8.73E-10	8.43E-05	1.33E-08	4.63E-09	7.29E-06	1.15E-09	4.00E-10
3118	472863.09, 3846377.25	9.08E-05	1.43E-08	4.98E-09	1.37E-05	2.16E-09	7.54E-10	9.31E-05	1.47E-08	5.11E-09	1.59E-05	2.50E-09	8.71E-10	8.68E-05	1.37E-08	4.76E-09	7.27E-06	1.15E-09	3.99E-10
3119	473363.09, 3846377.25	9.48E-05	1.49E-08	5.21E-09	1.37E-05	2.16E-09	7.52E-10	9.72E-05	1.53E-08	5.33E-09	1.58E-05	2.49E-09	8.69E-10	9.11E-05	1.43E-08	5.00E-09	7.25E-06	1.14E-09	3.98E-10
3120	473863.09, 3846377.25	1.07E-04	1.68E-08	5.86E-09	1.33E-05	2.09E-09	7.30E-10	1.09E-04	1.72E-08	5.99E-09	1.54E-05	2.42E-09	8.43E-10	1.04E-04	1.64E-08	5.70E-09	7.04E-06	1.11E-09	3.87E-10
3121	474363.09, 3846377.25	1.18E-04	1.86E-08	6.48E-09	1.38E-05	2.17E-09	7.56E-10	1.20E-04	1.90E-08	6.61E-09	1.59E-05	2.51E-09	8.73E-10	1.16E-04	1.82E-08	6.34E-09	7.29E-06	1.15E-09	4.00E-10
3122	474863.09, 3846377.25	1.30E-04	2.04E-08	7.12E-09	1.57E-05	2.47E-09	8.59E-10	1.32E-04	2.09E-08	7.26E-09	1.81E-05	2.85E-09	9.93E-10	1.27E-04	2.00E-08	6.95E-09	8.27E-06	1.30E-09	4.54E-10
3123	475363.09, 3846377.25	1.35E-04	2.13E-08	7.42E-09	1.86E-05	2.93E-09	1.02E-09	1.38E-04	2.18E-08	7.59E-09	2.15E-05	3.39E-09	1.18E-09	1.31E-04	2.06E-08	7.17E-09	9.80E-06	1.54E-09	5.38E-10
3124	475863.09, 3846377.25	1.44E-04	2.26E-08	7.88E-09	2.57E-05	4.05E-09	1.41E-09	1.48E-04	2.33E-08	8.12E-09	2.98E-05	4.69E-09	1.63E-09	1.35E-04	2.13E-08	7.41E-09	1.35E-05	2.13E-09	7.42E-10
3125	476363.09, 3846377.25	1.35E-04	2.12E-08	7.39E-09	2.58E-05	4.07E-09	1.42E-09	1.39E-04	2.19E-08	7.63E-09	2.99E-05	4.70E-09	1.64E-09	1.26E-04	1.98E-08	6.90E-09	1.36E-05	2.14E-09	7.44E-10
3126	476863.09, 3846377.25	1.21E-04	1.91E-08	6.65E-09	2.41E-05	3.79E-09	1.32E-09	1.25E-04	1.97E-08	6.88E-09	2.79E-05	4.39E-09	1.53E-09	1.12E-04	1.77E-08	6.17E-09	1.27E-05	1.99E-09	6.95E-10
3127	477363.09, 3846377.25	1.14E-04	1.80E-08	6.25E-09	2.24E-05	3.53E-09	1.23E-09	1.18E-04	1.86E-08	6.46E-09	2.59E-05	4.08E-09	1.42E-09	1.06E-04	1.67E-08	5.81E-09	1.18E-05	1.86E-09	6.46E-10
3128	477863.09, 3846377.25	1.04E-04	1.64E-08	5.71E-09	1.58E-05	2.49E-09	8.66E-10	1.07E-04	1.68E-08	5.86E-09	1.82E-05	2.87E-09	1.00E-09	9.94E-05	1.57E-08	5.45E-09	8.36E-06	1.32E-09	4.59E-10
3129	478363.09, 3846377.25	1.00E-04	1.58E-08	5.51E-09	1.50E-05	2.37E-09	8.24E-10	1.03E-04	1.62E-08	5.65E-09	1.73E-05	2.73E-09	9.52E-10	9.59E-05	1.51E-08	5.26E-09	7.97E-06	1.26E-09	4.37E-10
3130	478863.09, 3846377.25	9.83E-05	1.55E-08	5.40E-09	1.58E-05	2.49E-09	8.66E-10	1.01E-04	1.59E-08	5.54E-09	1.82E-05	2.87E-09	1.00E-09	9.33E-05	1.47E-08	5.12E-09	8.36E-06	1.32E-09	4.59E-10
3131	479363.09, 3846377.25	9.17E-05	1.44E-08	5.03E-09	1.38E-05	2.18E-09	7.59E-10	9.40E-05	1.48E-08	5.16E-09	1.60E-05	2.51E-09	8.76E-10	8.75E-05	1.38E-08	4.80E-09	7.34E-06	1.16E-09	4.03E-10
3132	479863.09, 3846377.25	8.70E-05	1.37E-08	4.77E-09	1.28E-05	2.02E-09	7.04E-10	8.92E-05	1.40E-08	4.89E-09	1.48E-05	2.33E-09	8.13E-10	8.32E-05	1.31E-08	4.57E-09	6.82E-06	1.07E-09	3.74E-10
3133	480363.09, 3846377.25	8.87E-05	1.40E-08	4.87E-09	1.34E-05	2.10E-09	7.33E-10	9.09E-05	1.43E-08	4.99E-09	1.54E-05	2.43E-09	8.46E-10	8.46E-05	1.33E-08	4.64E-09	7.10E-06	1.12E-09	3.90E-10
3134	480863.09, 3846377.25	8.01E-05	1.26E-08	4.40E-09	1.09E-05	1.72E-09	6.00E-10	8.19E-05	1.29E-08	4.50E-09	1.26E-05	1.99E-09	6.92E-10	7.71E-05	1.21E-08	4.23E-09	5.84E-06	9.20E-10	3.21E-10
3135	481363.09, 3846377.25	7.60E-05	1.20E-08	4.17E-09	9.76E-06	1.54E-09	5.36E-10	7.76E-05	1.22E-08	4.26E-09	1.12E-05	1.77E-09	6.17E-10	7.34E-05	1.16E-08	4.03E-09	5.24E-06	8.25E-10	2.87E-10
3136	481863.09, 3846377.25	7.26E-05	1.14E-08	3.98E-09	8.44E-06	1.33E-09	4.63E-10	7.40E-05	1.17E-08	4.06E-09	9.72E-06	1.53E-09	5.34E-10	7.06E-05	1.11E-08	3.87E-09	4.55E-06	7.17E-10	2.50E-10
3137	482363.09, 3846377.25	6.94E-05	1.09E-08	3.81E-09	7.97E-06	1.26E-09	4.37E-10	7.07E-05	1.11E-08	3.88E-09	9.17E-06	1.45E-09	5.03E-10	6.75E-05	1.06E-08	3.71E-09	4.31E-06	6.79E-10	2.37E-10
3138	482863.09, 3846377.25	6.51E-05	1.03E-08	3.58E-09	6.80E-06	1.07E-09	3.73E-10	6.63E-05	1.04E-08	3.64E-09	7.82E-06	1.23E-09	4.29E-10	6.37E-05	1.00E-08	3.50E-09	3.71E-06	5.84E-10	2.03E-10
3139	483363.09, 3846377.25	6.65E-05	1.05E-08	3.65E-09	7.00E-06	1.10E-09	3.84E-10	6.76E-05	1.07E-08	3.71E-09	8.05E-06	1.27E-09	4.42E-10	6.50E-05	1.02E-08	3.56E-09	3.82E-06	6.02E-10	2.10E-10
3140	483863.09, 3846377.25	6.69E-05	1.05E-08	3.67E-09	6.87E-06	1.08E-09	3.77E-10	6.80E-05	1.07E-08	3.73E-09	7.90E-06	1.24E-09	4.33E-10	6.54E-05	1.03E-08	3.59E-09	3.76E-06	5.93E-10	2.07E-10
3141	484363.09, 3846377.25	6.51E-05	1.02E-08	3.57E-09	6.30E-06	9.92E-10	3.46E-10	6.61E-05	1.04E-08	3.63E-09	7.23E-06	1.14E-09	3.97E-10	6.38E-05	1.00E-08	3.50E-09	3.47E-06	5.46E-10	1.90E-10
3142	484863.09, 3846377.25	6.69E-05	1.05E-08	3.67E-09	6.71E-06	1.06E-09	3.68E-10	6.80E-05	1.07E-08	3.73E-09	7.70E-06	1.21E-09	4.23E-10	6.55E-05	1.03E-08	3.59E-09	3.69E-06	5.81E-10	2.02E-10
3143	485363.09, 3846377.25	6.51E-05	1.03E-08	3.57E-09	6.55E-06	1.03E-09	3.59E-10	6.62E-05	1.04E-08	3.63E-09	7.52E-06	1.18E-09	4.13E-10	6.37E-05	1.00E-08	3.49E-09	3.60E-06	5.66E-10	1.97E-10
3144	485863.09, 3846377.25	6.01E-05	9.46E-09	3.30E-09	5.85E-06	9.21E-10	3.21E-10	6.10E-05	9.61E-09	3.35E-09	6.72E-06	1.06E-09	3.69E-10	5.89E-05	9.28E-09	3.23E-09	3.22E-06	5.07E-10	1.76E-10
3145	486363.09, 3846377.25	5.51E-05	8.68E-09	3.03E-09	5.05E-06	7.95E-10	2.77E-10	5.59E-05	8.81E-09	3.07E-09	5.79E-06	9.12E-10	3.18E-10	5.43E-05	8.55E-09	2.98E-09	2.78E-06	4.39E-10	1.53E-10

3146	486863.09, 3846377.25	5.30E-05	8.35E-09	2.91E-09	4.81E-06	7.57E-10	2.64E-10	5.37E-05	8.47E-09	2.95E-09	5.52E-06	8.69E-10	3.03E-10	5.22E-05	8.23E-09	2.87E-09	2.65E-06	4.18E-10	1.46E-10
3147	487363.09, 3846377.25	5.17E-05	8.15E-09	2.84E-09	4.84E-06	7.62E-10	2.66E-10	5.25E-05	8.27E-09	2.88E-09	5.56E-06	8.75E-10	3.05E-10	5.09E-05	8.01E-09	2.79E-09	2.67E-06	4.20E-10	1.46E-10
3148	487863.09, 3846377.25	5.34E-05	8.42E-09	2.93E-09	5.18E-06	8.16E-10	2.84E-10	5.43E-05	8.55E-09	2.98E-09	5.95E-06	9.37E-10	3.26E-10	5.25E-05	8.27E-09	2.88E-09	2.85E-06	4.48E-10	1.56E-10
3149	488363.09, 3846377.25	5.43E-05	8.55E-09	2.98E-09	5.16E-06	8.13E-10	2.83E-10	5.51E-05	8.68E-09	3.02E-09	5.92E-06	9.33E-10	3.25E-10	5.33E-05	8.39E-09	2.92E-09	2.84E-06	4.48E-10	1.56E-10
3150	488863.09, 3846377.25	5.52E-05	8.70E-09	3.03E-09	5.03E-06	7.92E-10	2.76E-10	5.60E-05	8.83E-09	3.08E-09	5.77E-06	9.09E-10	3.17E-10	5.43E-05	8.56E-09	2.98E-09	2.79E-06	4.39E-10	1.53E-10
3151	489363.09, 3846377.25	5.60E-05	8.82E-09	3.07E-09	5.08E-06	8.01E-10	2.79E-10	5.68E-05	8.95E-09	3.12E-09	5.83E-06	9.18E-10	3.20E-10	5.50E-05	8.67E-09	3.02E-09	2.82E-06	4.45E-10	1.55E-10
3152	489863.09, 3846377.25	5.55E-05	8.74E-09	3.05E-09	5.00E-06	7.88E-10	2.75E-10	5.63E-05	8.87E-09	3.09E-09	5.74E-06	9.04E-10	3.15E-10	5.46E-05	8.60E-09	3.00E-09	2.78E-06	4.37E-10	1.52E-10
3153	490363.09, 3846377.25	5.10E-05	8.03E-09	2.80E-09	4.53E-06	7.13E-10	2.48E-10	5.17E-05	8.14E-09	2.84E-09	5.19E-06	8.18E-10	2.85E-10	5.02E-05	7.91E-09	2.76E-09	2.51E-06	3.96E-10	1.38E-10
3154	490863.09, 3846377.25	5.01E-05	7.89E-09	2.75E-09	4.41E-06	6.95E-10	2.42E-10	5.08E-05	8.00E-09	2.79E-09	5.06E-06	7.97E-10	2.78E-10	4.94E-05	7.78E-09	2.71E-09	2.45E-06	3.86E-10	1.34E-10
3155	491363.09, 3846377.25	5.07E-05	7.98E-09	2.78E-09	4.49E-06	7.07E-10	2.46E-10	5.14E-05	8.09E-09	2.82E-09	5.15E-06	8.11E-10	2.82E-10	4.99E-05	7.87E-09	2.74E-09	2.49E-06	3.93E-10	1.37E-10
3156	491863.09, 3846377.25	5.56E-05	8.76E-09	3.05E-09	5.10E-06	8.04E-10	2.80E-10	5.64E-05	8.88E-09	3.10E-09	5.86E-06	9.22E-10	3.21E-10	5.47E-05	8.61E-09	3.00E-09	2.83E-06	4.45E-10	1.55E-10
3157	492363.09, 3846377.25	5.65E-05	8.91E-09	3.10E-09	5.26E-06	8.28E-10	2.89E-10	5.74E-05	9.04E-09	3.15E-09	6.03E-06	9.50E-10	3.31E-10	5.56E-05	8.75E-09	3.05E-09	2.91E-06	4.58E-10	1.60E-10
3158	492863.09, 3846377.25	5.78E-05	9.11E-09	3.17E-09	5.48E-06	8.64E-10	3.01E-10	5.87E-05	9.25E-09	3.22E-09	6.29E-06	9.91E-10	3.45E-10	5.68E-05	8.95E-09	3.12E-09	3.03E-06	4.77E-10	1.66E-10
3159	493363.09, 3846377.25	6.04E-05	9.52E-09	3.32E-09	5.97E-06	9.41E-10	3.28E-10	6.14E-05	9.67E-09	3.37E-09	6.86E-06	1.08E-09	3.76E-10	5.92E-05	9.33E-09	3.25E-09	3.29E-06	5.18E-10	1.80E-10
3160	493863.09, 3846377.25	6.20E-05	9.77E-09	3.40E-09	6.41E-06	1.01E-09	3.52E-10	6.30E-05	9.93E-09	3.46E-09	7.37E-06	1.16E-09	4.04E-10	6.06E-05	9.55E-09	3.33E-09	3.52E-06	5.54E-10	1.93E-10
3161	494363.09, 3846377.25	6.35E-05	1.00E-08	3.49E-09	6.86E-06	1.08E-09	3.77E-10	6.47E-05	1.02E-08	3.55E-09	7.89E-06	1.24E-09	4.33E-10	6.20E-05	9.76E-09	3.40E-09	3.75E-06	5.91E-10	2.06E-10
3162	494863.09, 3846377.25	6.65E-05	1.05E-08	3.65E-09	7.28E-06	1.15E-09	3.99E-10	6.77E-05	1.07E-08	3.72E-09	8.37E-06	1.32E-09	4.59E-10	6.48E-05	1.02E-08	3.56E-09	3.97E-06	6.26E-10	2.18E-10
3163	495363.09, 3846377.25	6.93E-05	1.09E-08	3.81E-09	7.62E-06	1.20E-09	4.18E-10	7.06E-05	1.11E-08	3.87E-09	8.76E-06	1.38E-09	4.81E-10	6.76E-05	1.06E-08	3.71E-09	4.15E-06	6.54E-10	2.28E-10
3164	495863.09, 3846377.25	7.30E-05	1.15E-08	4.01E-09	8.00E-06	1.26E-09	4.39E-10	7.43E-05	1.17E-08	4.08E-09	9.20E-06	1.45E-09	5.05E-10	7.12E-05	1.12E-08	3.91E-09	4.36E-06	6.86E-10	2.39E-10
3165	496363.09, 3846377.25	7.73E-05	1.22E-08	4.24E-09	8.38E-06	1.32E-09	4.60E-10	7.86E-05	1.24E-08	4.32E-09	9.64E-06	1.52E-09	5.29E-10	7.54E-05	1.19E-08	4.14E-09	4.57E-06	7.19E-10	2.51E-10
3166	496863.09, 3846377.25	8.20E-05	1.29E-08	4.50E-09	8.92E-06	1.41E-09	4.90E-10	8.34E-05	1.31E-08	4.58E-09	1.03E-05	1.62E-09	5.63E-10	8.00E-05	1.26E-08	4.39E-09	4.86E-06	7.66E-10	2.67E-10
3167	497363.09, 3846377.25	8.74E-05	1.38E-08	4.80E-09	9.51E-06	1.50E-09	5.22E-10	8.89E-05	1.40E-08	4.88E-09	1.09E-05	1.72E-09	6.00E-10	8.52E-05	1.34E-08	4.68E-09	5.18E-06	8.16E-10	2.84E-10
3168	497863.09, 3846377.25	9.25E-05	1.46E-08	5.08E-09	1.01E-05	1.59E-09	5.54E-10	9.42E-05	1.48E-08	5.17E-09	1.16E-05	1.83E-09	6.37E-10	9.02E-05	1.42E-08	4.95E-09	5.50E-06	8.66E-10	3.02E-10
3169	498363.09, 3846377.25	9.78E-05	1.54E-08	5.37E-09	1.06E-05	1.68E-09	5.84E-10	9.95E-05	1.57E-08	5.46E-09	1.22E-05	1.93E-09	6.71E-10	9.53E-05	1.50E-08	5.23E-09	5.79E-06	9.13E-10	3.18E-10
3170	471363.09, 3846877.25	1.47E-04	2.32E-08	8.09E-09	2.10E-05	3.30E-09	1.15E-09	1.51E-04	2.38E-08	8.29E-09	2.42E-05	3.82E-09	1.33E-09	1.42E-04	2.24E-08	7.80E-09	1.10E-05	1.74E-09	6.05E-10
3171	471863.09, 3846877.25	1.44E-04	2.27E-08	7.90E-09	2.06E-05	3.25E-09	1.13E-09	1.47E-04	2.32E-08	8.09E-09	2.38E-05	3.76E-09	1.31E-09	1.39E-04	2.18E-08	7.61E-09	1.09E-05	1.71E-09	5.96E-10
3172	472363.09, 3846877.25	1.32E-04	2.08E-08	7.24E-09	1.99E-05	3.13E-09	1.09E-09	1.35E-04	2.13E-08	7.42E-09	2.30E-05	3.62E-09	1.26E-09	1.26E-04	1.99E-08	6.93E-09	1.05E-05	1.65E-09	5.74E-10
3173	472863.09, 3846877.25	9.33E-05	1.47E-08	5.12E-09	1.47E-05	2.32E-09	8.09E-10	9.58E-05	1.51E-08	5.26E-09	1.70E-05	2.68E-09	9.34E-10	8.88E-05	1.40E-08	4.87E-09	7.79E-06	1.23E-09	4.28E-10
3174	473363.09, 3846877.25	1.00E-04	1.58E-08	5.51E-09	1.57E-05	2.48E-09	8.63E-10	1.03E-04	1.62E-08	5.66E-09	1.82E-05	2.86E-09	9.98E-10	9.57E-05	1.51E-08	5.25E-09	8.31E-06	1.31E-09	4.56E-10
3175	473863.09, 3846877.25	1.13E-04	1.79E-08	6.22E-09	1.67E-05	2.64E-09	9.18E-10	1.16E-04	1.83E-08	6.37E-09	1.93E-05	3.05E-09	1.06E-09	1.09E-04	1.71E-08	5.96E-09	8.83E-06	1.39E-09	4.85E-10
3176	474363.09, 3846877.25	1.22E-04	1.93E-08	6.71E-09	1.56E-05	2.46E-09	8.56E-10	1.25E-04	1.97E-08	6.86E-09	1.80E-05	2.84E-09	9.89E-10	1.19E-04	1.87E-08	6.52E-09	8.24E-06	1.30E-09	4.52E-10
3177	474863.09, 3846877.25	1.32E-04	2.08E-08	7.24E-09	1.53E-05	2.41E-09	8.40E-10	1.34E-04	2.12E-08	7.38E-09	1.77E-05	2.78E-09	9.70E-10	1.29E-04	2.03E-08	7.09E-09	8.09E-06	1.27E-09	4.44E-10
3178	475363.09, 3846877.25	1.36E-04	2.14E-08	7.45E-09	1.66E-05	2.62E-09	9.12E-10	1.38E-04	2.18E-08	7.60E-09	1.92E-05	3.03E-09	1.05E-09	1.32E-04	2.08E-08	7.26E-09	8.78E-06	1.38E-09	4.82E-10
3179	475863.09, 3846877.25	1.48E-04	2.33E-08	8.12E-09	2.06E-05	3.25E-09	1.13E-09	1.52E-04	2.39E-08	8.31E-09	2.38E-05	3.75E-09	1.31E-09	1.43E-04	2.25E-08	7.84E-09	1.08E-05	1.71E-09	5.95E-10
3180	476363.09, 3846877.25	1.54E-04	2.43E-08	8.47E-09	2.81E-05	4.42E-09	1.54E-09	1.59E-04	2.51E-08	8.74E-09	3.25E-05	5.11E-09	1.78E-09	1.45E-04	2.28E-08	7.96E-09	1.47E-05	2.32E-09	8.09E-10
3181	476863.09, 3846877.25	1.45E-04	2.29E-08	7.98E-09	2.83E-05	4.46E-09	1.55E-09	1.50E-04	2.37E-08	8.24E-09	3.28E-05	5.16E-09	1.80E-09	1.35E-04	2.13E-08	7.43E-09	1.49E-05	2.34E-09	8.16E-10
3182	477363.09, 3846877.25	1.31E-04	2.06E-08	7.17E-09	2.69E-05	4.24E-09	1.48E-09	1.35E-04	2.13E-08	7.42E-09	3.12E-05	4.91E-09	1.71E-09	1.21E-04	1.90E-08	6.62E-09	1.41E-05	2.23E-09	7.76E-10
3183	477863.09, 3846877.25	1.22E-04	1.92E-08	6.68E-09	2.35E-05	3.70E-09	1.29E-09	1.26E-04	1.98E-08	6.90E-09	2.72E-05	4.28E-09	1.49E-09	1.13E-04	1.78E-08	6.21E-09	1.24E-05	1.95E-09	6.79E-10
3184	478363.09, 3846877.25	1.14E-04	1.80E-08	6.27E-09	1.73E-05	2.72E-09	9.48E-10	1.17E-04	1.85E-08	6.43E-09	2.00E-05	3.14E-09	1.10E-09	1.09E-04	1.72E-08	5.99E-09	9.15E-06	1.44E-09	5.02E-10
3185	478863.09, 3846877.25	1.15E-04	1.82E-08	6.33E-09	1.83E-05	2.88E-09	1.00E-09	1.18E-04	1.86E-08	6.50E-09	2.11E-05	3.33E-09	1.16E-09	1.09E-04	1.72E-08	6.01E-09	9.68E-06	1.53E-09	5.32E-10
3186	479363.09, 3846877.25	1.05E-04	1.66E-08	5.78E-09	1.72E-05	2.70E-09	9.42E-10	1.08E-04	1.71E-08	5.94E-09	1.98E-05	3.12E-09	1.09E-09	9.98E-05	1.57E-08	5.48E-09	9.09E-06	1.43E-09	4.99E-10
3187	479863.09, 3846877.25	8.90E-05	1.40E-08	4.88E-09	1.30E-05	2.04E-09	7.11E-10	9.12E-05	1.44E-08	5.00E-09	1.49E-05	2.35E-09	8.20E-10	8.52E-05	1.34E-08	4.67E-09	6.89E-06	1.09E-09	3.78E-10
3188	480363.09, 3846877.25	8.29E-05	1.31E-08	4.55E-09	1.14E-05	1.80E-09	6.26E-10	8.48E-05	1.34E-08	4.65E-09	1.32E-05	2.07E-09	7.22E-10	7.97E-05	1.26E-08	4.37E-09	6.09E-06	9.59E-10	3.34E-10
3189	480863.09, 3846877.25	7.99E-05	1.26E-08	4.39E-09	1.08E-05	1.70E-09	5.92E-10	8.17E-05	1.29E-08	4.49E-09	1.24E-05	1.96E-09	6.83E-10	7.70E-05	1.21E-08	4.22E-09	5.77E-06	9.09E-10	3.17E-10
3190	481363.09, 3846877.25	7.96E-05	1.25E-08	4.37E-09	1.05E-05	1.66E-09	5.78E-10	8.13E-05	1.28E-08	4.46E-09	1.22E-05	1.91E-09	6.67E-10	7.67E-05	1.21E-08	4.21E-09	5.65E-06	8.90E-10	3.10E-10
3191	481863.09, 3846877.25	7.77E-05	1.22E-08	4.27E-09	9.44E-06	1.49E-09	5.18E-10	7.93E-05	1.25E-08	4.35E-09	1.09E-05	1.71E-09	5.97E-10	7.54E-05	1.19E-08	4.14E-09	5.08E-06	8.00E-10	2.79E-10
3192	482363.09, 3846877.25	7.27E-05	1.15E-08	3.99E-09	8.46E-06	1.33E-09	4.64E-10	7.41E-05	1.17E-08	4.07E-09	9.74E-06	1.53E-09	5.34E-10	7.07E-05	1.11E-08	3.88E-09	4.57E-06	7.20E-10	2.51E-10
3193	482863.09, 3846877.25	7.22E-05	1.14E-08	3.96E-09	8.32E-06	1.31E-09	4.57E-10	7.36E-05	1.16E-08	4.04E-09	9.58E-06	1.51E-09	5.26E-10	7.02E-05	1.11E-08	3.85E-09	4.50E-06	7.10E-10	2.47E-10
3194	483363.09, 3846877.25	7.20E-05	1.13E-08	3.95E-09	8.12E-06	1.28E-09	4.45E-10	7.33E-05	1.16E-08	4.02E-09	9.34E-06	1.47E-09	5.12E-10	7.00E-05	1.10E-08	3.84E-09	4.41E-06	6.94E-10	2.42E-10
3195	483863.09, 3846877.25	7.22E-05	1.14E-08	3.96E-09	7.95E-06	1.25E-09	4.36E-10	7.35E-05	1.16E-08	4.03E-09	9.14E-06	1.44E-09	5.02E-10	7.03E-05	1.11E-08	3.86E-09	4.33E-06	6.82E-10	2.38E-10
3196	484363.09, 3846877.25	7.27E-05	1.14E-08	3.99E-09	7.60E-06	1.20E-09	4.17E-10	7.39E-05	1.16E-08	4.06E-09	8.74E-06	1.38E-09	4.80E-10	7.09E-05	1.12E-08	3.89E-09	4.16E-06	6.55E-10	2.28E-10
3197	484863.09, 3846877.25	7.19E-05	1.13E-08	3.95E-09	7.39E-06	1.16E-09	4.06E-10	7.31E-05	1.15E-08	4.01E-09	8.49E-06	1.34E-09	4.66E-10	7.02E-05	1.11E-08	3.86E-09	4.05E-06	6.38E-10	2.22E-10
3198	485363.09, 3846877.25	7.04E-05	1.11E-08	3.87E-09	7.27E-06	1.15E-09	3.99E-10	7.16E-05	1.13E-08	3.93E-09	8.35E-06	1.32E-09	4.58E-10	6.88E-05	1.08E-08	3.78E-09	3.98E-06	6.28E-10	2.19E-10
3199	485863.09, 3846877.25	6.57E-05	1.03E-08	3.60E-09	6.54E-06	1.03E-09	3.59E-10	6.67E-05	1.05E-08	3.66E-09	7.51E-06	1.18E-09	4.12E-10	6.43E-05	1.01E-08	3.53E-09	3.59E-06	5.65E-10	1.97E-10
3200	486363.09, 3846877.25	6.49E-05	1.02E-08	3.56E-09	6.51E-06	1.03E-09	3.57E-10	6.60E-05	1.04E-08	3.62E-09	7.49E-06	1.18E-09	4.11E-10	6.36E-05	1.00E-08	3.49E-09	3.56E-06	5.61E-10	1.96E-10
3201	486863.09, 3846877.25	5.99E-05	9.43E-09	3.29E-09	5.76E-06	9.07E-10	3.16E-10	6.08E-05	9.58E-09	3.34E-09	6.61E-06	1.04E-09	3.63E-10	5.88E-05	9.27E-09	3.23E-09	3.16E-06	4.98E-10	1.73E-10
3202	487363.09, 3846877.25	5.83E-05	9.19E-09	3.20E-09	5.78E-06	9.11E-10	3.17E-10	5.93E-05	9.34E-09	3.25E-09	6.65E-06	1.05E-09	3.65E-10	5.72E-05	9.01E-09	3.14E-09	3.17E-06	4.99E-10	1.74E-10
3203	487863.09, 3846877.25	5.76E-05	9.08E-09	3.16E-09	5.75E-06	9.06E-10	3.16E-10	5.85E-05	9.22E-09	3.21E-09	6.61E-06	1.04E-09	3.63E-10	5.65E-05	8.90E-09	3.10E-09	3.15E-06	4.97E-10	1.73E-10
3204	488363.09, 3846877.25	5.80E-05	9.14E-09	3.18E-09	5.58E-06	8.79E-10	3.06E-10	5.89E-05	9.28E-09	3.23E-09	6.41E-06	1.01E-09	3.52E-10	5.69E-05	8.97E-09	3.13E-09	3.07E-06	4.84E-10	1.69E-10
3205	488863.09, 3846877.25	5.92E-05	9.33E-09	3.25E-09	5.53E-06	8.71E-10	3.03E-10	6.01E-05	9.47E-09	3.30E-09	6.34E-06	9.99E-10	3.48E-10	5.82E-05	9.17E-09	3.20E-09	3.06E-06	4.81E-10	1.68E-10
3206	489363.09, 3846877.25	6.08E-05	9.57E-09	3.34E-09	5.66E-06	8.91E-10	3.11E-10	6.17E-05	9.72E-09	3.39E-09	6.49E-06	1.02E-09	3.56E-10	5.97E-05	9.40E-09	3.28E-09	3.13E-06	4.93E-10	1.72E-10
3207	489863.09, 3846877.25	6.13E-05	9.66E-09	3.37E-09	5.52E-06	8.69E-10	3.03E-10	6.22E-05	9.80E-09	3.41E-09	6.33E-06	9.97E-10	3.47E-10	6.03E-05	9.50E-09	3.31E-09	3.06E-06	4.82E-10	1.68E-10
3208	490363.09, 3846877.25	5.73E-05	9.03E-09	3.15E-09	5.05E-06	7.95E-10	2.77E-10	5.81E-05	9.16E-09	3.19E-09	5.79E-06	9.12E-10	3.18E-10	5.65E-05	8.90E-09	3.10E-09	2.80E-06	4.42E-10	1.54E-10
3209	490863.09, 3846877.25	5.62E-05	8.86E-09	3.09E-09	5.04E-06	7.94E-10	2.77E-10	5.70E-05	8.99E-09	3.13E-09	5.78E-06	9.10E-10	3.17E-10	5.54E-05	8.73E-09	3.04E-09	2.79E-06	4.40E-10	1.53E-10
3210	491363.09, 3846877.25	5.75E-05	9.06E-09	3.16E-09	5.30E-06	8.35E-10	2.91E-10	5.84E-05	9.19E-09	3.20E-09	6.08E-06	9.58E-10	3.34E-10	5.66E-05	8.91E-09	3.10E-09	2.93E-06	4.62E-10	1.61E-10
3211	491863.09, 3846877.25	5.82E-05	9.17E-09	3.19E-09	5.45E-06	8.59E-10	2.99E-10	5.91E-05	9.31E-09	3.24E-09	6.26E-06	9.85E-10	3.43E-10	5.72E-05	9.01E-09	3.14E-09	3.01E-06	4.75E-10	1.65E-10
3212	492363.09, 3846877.25	6.32E-05	9.95E-09	3.47E-09	6.07E-06	9.55E-10	3.33E-10	6.41E-05	1.01E-08	3.52E-09	6.96E-06	1.10E-09	3.82E-10	6.20E-05	9.77E-09	3.40E-09	3.34E-06	5.27E-10	1.84E-10

3213	492863.09, 3846877.25	6.42E-05	1.01E-08	3.53E-09	6.33E-06	9.96E-10	3.47E-10	6.53E-05	1.03E-08	3.58E-09	7.26E-06	1.14E-09	3.99E-10	6.30E-05	9.92E-09	3.46E-09	3.48E-06	5.48E-10	1.91E-10
3214	493363.09, 3846877.25	6.62E-05	1.04E-08	3.63E-09	6.84E-06	1.08E-09	3.76E-10	6.73E-05	1.06E-08	3.69E-09	7.86E-06	1.24E-09	4.31E-10	6.47E-05	1.02E-08	3.55E-09	3.75E-06	5.91E-10	2.06E-10
3215	493863.09, 3846877.25	6.76E-05	1.06E-08	3.71E-09	7.25E-06	1.14E-09	3.98E-10	6.88E-05	1.08E-08	3.77E-09	8.33E-06	1.31E-09	4.57E-10	6.60E-05	1.04E-08	3.62E-09	3.97E-06	6.25E-10	2.18E-10
3216	494363.09, 3846877.25	6.95E-05	1.10E-08	3.82E-09	7.66E-06	1.21E-09	4.21E-10	7.08E-05	1.11E-08	3.88E-09	8.81E-06	1.39E-09	4.83E-10	6.77E-05	1.07E-08	3.72E-09	4.18E-06	6.59E-10	2.30E-10
3217	494863.09, 3846877.25	7.24E-05	1.14E-08	3.97E-09	8.00E-06	1.26E-09	4.39E-10	7.37E-05	1.16E-08	4.05E-09	9.20E-06	1.45E-09	5.05E-10	7.06E-05	1.11E-08	3.87E-09	4.36E-06	6.87E-10	2.39E-10
3218	495363.09, 3846877.25	7.56E-05	1.19E-08	4.15E-09	8.27E-06	1.30E-09	4.54E-10	7.69E-05	1.21E-08	4.22E-09	9.51E-06	1.50E-09	5.22E-10	7.37E-05	1.16E-08	4.05E-09	4.51E-06	7.10E-10	2.47E-10
3219	495863.09, 3846877.25	7.93E-05	1.25E-08	4.35E-09	8.62E-06	1.36E-09	4.73E-10	8.07E-05	1.27E-08	4.43E-09	9.91E-06	1.56E-09	5.44E-10	7.74E-05	1.22E-08	4.25E-09	4.70E-06	7.40E-10	2.58E-10
3220	496363.09, 3846877.25	8.44E-05	1.33E-08	4.63E-09	9.20E-06	1.45E-09	5.05E-10	8.59E-05	1.35E-08	4.72E-09	1.06E-05	1.67E-09	5.80E-10	8.23E-05	1.30E-08	4.52E-09	5.01E-06	7.89E-10	2.75E-10
3221	496863.09, 3846877.25	9.03E-05	1.42E-08	4.96E-09	9.97E-06	1.57E-09	5.47E-10	9.20E-05	1.45E-08	5.05E-09	1.15E-05	1.81E-09	6.29E-10	8.80E-05	1.39E-08	4.83E-09	5.43E-06	8.55E-10	2.98E-10
3222	497363.09, 3846877.25	9.81E-05	1.55E-08	5.38E-09	1.09E-05	1.72E-09	6.00E-10	9.99E-05	1.57E-08	5.48E-09	1.26E-05	1.98E-09	6.90E-10	9.55E-05	1.50E-08	5.24E-09	5.94E-06	9.36E-10	3.26E-10
3223	497863.09, 3846877.25	1.06E-04	1.67E-08	5.82E-09	1.19E-05	1.88E-09	6.54E-10	1.08E-04	1.70E-08	5.93E-09	1.37E-05	2.16E-09	7.53E-10	1.03E-04	1.63E-08	5.66E-09	6.48E-06	1.02E-09	3.56E-10
3224	498363.09, 3846877.25	1.11E-04	1.75E-08	6.10E-09	1.25E-05	1.97E-09	6.86E-10	1.13E-04	1.78E-08	6.21E-09	1.44E-05	2.27E-09	7.89E-10	1.08E-04	1.70E-08	5.93E-09	6.80E-06	1.07E-09	3.73E-10
3225	471363.09, 3847377.25	1.59E-04	2.50E-08	8.70E-09	2.23E-05	3.51E-09	1.22E-09	1.62E-04	2.56E-08	8.91E-09	2.58E-05	4.06E-09	1.41E-09	1.53E-04	2.41E-08	8.39E-09	1.17E-05	1.85E-09	6.44E-10
3226	471863.09, 3847377.25	1.60E-04	2.52E-08	8.77E-09	2.28E-05	3.59E-09	1.25E-09	1.64E-04	2.58E-08	8.98E-09	2.64E-05	4.15E-09	1.45E-09	1.54E-04	2.43E-08	8.45E-09	1.20E-05	1.89E-09	6.58E-10
3227	472363.09, 3847377.25	1.57E-04	2.47E-08	8.61E-09	2.28E-05	3.59E-09	1.25E-09	1.61E-04	2.53E-08	8.82E-09	2.63E-05	4.15E-09	1.45E-09	1.51E-04	2.38E-08	8.28E-09	1.20E-05	1.89E-09	6.58E-10
3228	472863.09, 3847377.25	1.45E-04	2.28E-08	7.93E-09	2.19E-05	3.45E-09	1.20E-09	1.48E-04	2.34E-08	8.14E-09	2.53E-05	3.99E-09	1.39E-09	1.38E-04	2.18E-08	7.60E-09	1.15E-05	1.82E-09	6.32E-10
3229	473363.09, 3847377.25	1.16E-04	1.83E-08	6.39E-09	1.91E-05	3.00E-09	1.05E-09	1.20E-04	1.88E-08	6.56E-09	2.20E-05	3.47E-09	1.21E-09	1.10E-04	1.74E-08	6.06E-09	1.00E-05	1.58E-09	5.51E-10
3230	473863.09, 3847377.25	1.17E-04	1.84E-08	6.42E-09	1.88E-05	2.97E-09	1.03E-09	1.20E-04	1.89E-08	6.59E-09	2.18E-05	3.43E-09	1.19E-09	1.11E-04	1.75E-08	6.10E-09	9.93E-06	1.56E-09	5.45E-10
3231	474363.09, 3847377.25	1.30E-04	2.05E-08	7.14E-09	1.94E-05	3.06E-09	1.07E-09	1.33E-04	2.10E-08	7.32E-09	2.25E-05	3.54E-09	1.23E-09	1.25E-04	1.97E-08	6.85E-09	1.02E-05	1.61E-09	5.62E-10
3232	474863.09, 3847377.25	1.36E-04	2.14E-08	7.47E-09	1.79E-05	2.82E-09	9.84E-10	1.39E-04	2.19E-08	7.63E-09	2.07E-05	3.26E-09	1.14E-09	1.32E-04	2.08E-08	7.24E-09	9.46E-06	1.49E-09	5.19E-10
3233	475363.09, 3847377.25	1.39E-04	2.19E-08	7.62E-09	1.64E-05	2.59E-09	9.01E-10	1.42E-04	2.23E-08	7.77E-09	1.90E-05	2.99E-09	1.04E-09	1.36E-04	2.14E-08	7.45E-09	8.68E-06	1.37E-09	4.76E-10
3234	475863.09, 3847377.25	1.58E-04	2.48E-08	8.66E-09	1.91E-05	3.00E-09	1.05E-09	1.61E-04	2.54E-08	8.83E-09	2.20E-05	3.47E-09	1.21E-09	1.54E-04	2.43E-08	8.46E-09	1.01E-05	1.58E-09	5.52E-10
3235	476363.09, 3847377.25	1.75E-04	2.75E-08	9.59E-09	2.42E-05	3.82E-09	1.33E-09	1.79E-04	2.82E-08	9.82E-09	2.80E-05	4.41E-09	1.54E-09	1.69E-04	2.66E-08	9.27E-09	1.27E-05	2.01E-09	6.99E-10
3236	476863.09, 3847377.25	1.68E-04	2.65E-08	9.24E-09	3.11E-05	4.89E-09	1.70E-09	1.74E-04	2.74E-08	9.53E-09	3.59E-05	5.66E-09	1.97E-09	1.58E-04	2.49E-08	8.66E-09	1.63E-05	2.57E-09	8.94E-10
3237	477363.09, 3847377.25	1.60E-04	2.52E-08	8.80E-09	3.21E-05	5.06E-09	1.76E-09	1.66E-04	2.61E-08	9.10E-09	3.72E-05	5.86E-09	2.04E-09	1.49E-04	2.34E-08	8.16E-09	1.69E-05	2.65E-09	9.25E-10
3238	477863.09, 3847377.25	1.43E-04	2.25E-08	7.85E-09	3.00E-05	4.73E-09	1.65E-09	1.48E-04	2.33E-08	8.13E-09	3.47E-05	5.47E-09	1.90E-09	1.32E-04	2.07E-08	7.23E-09	1.57E-05	2.48E-09	8.64E-10
3239	478363.09, 3847377.25	1.37E-04	2.16E-08	7.52E-09	2.57E-05	4.05E-09	1.41E-09	1.41E-04	2.23E-08	7.76E-09	2.98E-05	4.69E-09	1.63E-09	1.28E-04	2.02E-08	7.03E-09	1.35E-05	2.13E-09	7.43E-10
3240	478863.09, 3847377.25	1.35E-04	2.13E-08	7.40E-09	2.02E-05	3.18E-09	1.11E-09	1.38E-04	2.18E-08	7.59E-09	2.33E-05	3.67E-09	1.28E-09	1.29E-04	2.03E-08	7.07E-09	1.07E-05	1.69E-09	5.87E-10
3241	479363.09, 3847377.25	1.13E-04	1.78E-08	6.20E-09	1.84E-05	2.90E-09	1.01E-09	1.16E-04	1.83E-08	6.37E-09	2.13E-05	3.35E-09	1.17E-09	1.07E-04	1.68E-08	5.87E-09	9.77E-06	1.54E-09	5.36E-10
3242	479863.09, 3847377.25	8.98E-05	1.42E-08	4.93E-09	1.32E-05	2.08E-09	7.26E-10	9.21E-05	1.45E-08	5.05E-09	1.53E-05	2.40E-09	8.38E-10	8.59E-05	1.35E-08	4.71E-09	7.04E-06	1.11E-09	3.87E-10
3243	480363.09, 3847377.25	7.53E-05	1.19E-08	4.13E-09	9.02E-06	1.42E-09	4.95E-10	7.68E-05	1.21E-08	4.21E-09	1.04E-05	1.64E-09	5.71E-10	7.31E-05	1.15E-08	4.01E-09	4.86E-06	7.65E-10	2.66E-10
3244	480863.09, 3847377.25	7.23E-05	1.14E-08	3.97E-09	8.51E-06	1.34E-09	4.67E-10	7.37E-05	1.16E-08	4.05E-09	9.80E-06	1.54E-09	5.38E-10	7.03E-05	1.11E-08	3.86E-09	4.59E-06	7.23E-10	2.52E-10
3245	481363.09, 3847377.25	7.50E-05	1.18E-08	4.12E-09	9.26E-06	1.46E-09	5.08E-10	7.66E-05	1.21E-08	4.20E-09	1.07E-05	1.68E-09	5.85E-10	7.27E-05	1.14E-08	3.99E-09	4.98E-06	7.85E-10	2.73E-10
3246	481863.09, 3847377.25	8.32E-05	1.31E-08	4.57E-09	1.07E-05	1.69E-09	5.88E-10	8.50E-05	1.34E-08	4.66E-09	1.23E-05	1.94E-09	6.77E-10	8.04E-05	1.27E-08	4.41E-09	5.74E-06	9.05E-10	3.15E-10
3247	482363.09, 3847377.25	8.12E-05	1.28E-08	4.46E-09	9.94E-06	1.57E-09	5.46E-10	8.28E-05	1.30E-08	4.55E-09	1.15E-05	1.80E-09	6.29E-10	7.87E-05	1.24E-08	4.32E-09	5.35E-06	8.42E-10	2.94E-10
3248	482863.09, 3847377.25	7.89E-05	1.24E-08	4.33E-09	9.51E-06	1.50E-09	5.22E-10	8.05E-05	1.27E-08	4.42E-09	1.10E-05	1.73E-09	6.01E-10	7.65E-05	1.21E-08	4.20E-09	5.13E-06	8.08E-10	2.81E-10
3249	483363.09, 3847377.25	7.71E-05	1.21E-08	4.23E-09	9.05E-06	1.42E-09	4.96E-10	7.85E-05	1.24E-08	4.31E-09	1.04E-05	1.64E-09	5.72E-10	7.48E-05	1.18E-08	4.10E-09	4.89E-06	7.71E-10	2.69E-10
3250	483863.09, 3847377.25	7.79E-05	1.23E-08	4.28E-09	9.07E-06	1.43E-09	4.98E-10	7.94E-05	1.25E-08	4.36E-09	1.04E-05	1.64E-09	5.73E-10	7.56E-05	1.19E-08	4.15E-09	4.92E-06	7.75E-10	2.70E-10
3251	484363.09, 3847377.25	8.04E-05	1.27E-08	4.41E-09	8.92E-06	1.41E-09	4.90E-10	8.19E-05	1.29E-08	4.49E-09	1.03E-05	1.62E-09	5.63E-10	7.82E-05	1.23E-08	4.29E-09	4.86E-06	7.65E-10	2.67E-10
3252	484863.09, 3847377.25	7.98E-05	1.26E-08	4.38E-09	8.57E-06	1.35E-09	4.70E-10	8.12E-05	1.28E-08	4.45E-09	9.85E-06	1.55E-09	5.41E-10	7.77E-05	1.22E-08	4.26E-09	4.68E-06	7.38E-10	2.57E-10
3253	485363.09, 3847377.25	7.77E-05	1.22E-08	4.26E-09	8.30E-06	1.31E-09	4.56E-10	7.91E-05	1.25E-08	4.34E-09	9.54E-06	1.50E-09	5.24E-10	7.57E-05	1.19E-08	4.16E-09	4.54E-06	7.15E-10	2.49E-10
3254	485863.09, 3847377.25	7.40E-05	1.17E-08	4.06E-09	7.79E-06	1.23E-09	4.27E-10	7.53E-05	1.19E-08	4.13E-09	8.95E-06	1.41E-09	4.91E-10	7.22E-05	1.14E-08	3.96E-09	4.26E-06	6.70E-10	2.34E-10
3255	486363.09, 3847377.25	7.16E-05	1.13E-08	3.93E-09	7.46E-06	1.17E-09	4.09E-10	7.28E-05	1.15E-08	4.00E-09	8.58E-06	1.35E-09	4.71E-10	7.00E-05	1.10E-08	3.84E-09	4.07E-06	6.41E-10	2.23E-10
3256	486863.09, 3847377.25	6.74E-05	1.06E-08	3.70E-09	6.85E-06	1.08E-09	3.76E-10	6.85E-05	1.08E-08	3.76E-09	7.87E-06	1.24E-09	4.32E-10	6.60E-05	1.04E-08	3.62E-09	3.74E-06	5.89E-10	2.05E-10
3257	487363.09, 3847377.25	6.56E-05	1.03E-08	3.60E-09	6.84E-06	1.08E-09	3.75E-10	6.67E-05	1.05E-08	3.66E-09	7.86E-06	1.24E-09	4.32E-10	6.42E-05	1.01E-08	3.52E-09	3.73E-06	5.87E-10	2.05E-10
3258	487863.09, 3847377.25	6.27E-05	9.88E-09	3.44E-09	6.43E-06	1.01E-09	3.53E-10	6.38E-05	1.00E-08	3.50E-09	7.39E-06	1.16E-09	4.06E-10	6.14E-05	9.67E-09	3.37E-09	3.52E-06	5.54E-10	1.93E-10
3259	488363.09, 3847377.25	6.34E-05	9.98E-09	3.48E-09	6.23E-06	9.82E-10	3.42E-10	6.44E-05	1.01E-08	3.53E-09	7.16E-06	1.13E-09	3.93E-10	6.21E-05	9.79E-09	3.41E-09	3.42E-06	5.39E-10	1.88E-10
3260	488863.09, 3847377.25	6.53E-05	1.03E-08	3.58E-09	6.22E-06	9.80E-10	3.42E-10	6.63E-05	1.04E-08	3.64E-09	7.14E-06	1.13E-09	3.92E-10	6.40E-05	1.01E-08	3.52E-09	3.43E-06	5.41E-10	1.88E-10
3261	489363.09, 3847377.25	6.68E-05	1.05E-08	3.67E-09	6.32E-06	9.95E-10	3.47E-10	6.78E-05	1.07E-08	3.72E-09	7.25E-06	1.14E-09	3.98E-10	6.56E-05	1.03E-08	3.60E-09	3.49E-06	5.50E-10	1.92E-10
3262	489863.09, 3847377.25	6.60E-05	1.04E-08	3.62E-09	6.02E-06	9.48E-10	3.30E-10	6.69E-05	1.05E-08	3.67E-09	6.90E-06	1.09E-09	3.79E-10	6.49E-05	1.02E-08	3.56E-09	3.33E-06	5.25E-10	1.83E-10
3263	490363.09, 3847377.25	6.33E-05	9.98E-09	3.48E-09	5.74E-06	9.05E-10	3.15E-10	6.43E-05	1.01E-08	3.53E-09	6.59E-06	1.04E-09	3.61E-10	6.23E-05	9.82E-09	3.42E-09	3.18E-06	5.01E-10	1.75E-10
3264	490863.09, 3847377.25	6.40E-05	1.01E-08	3.51E-09	5.96E-06	9.39E-10	3.27E-10	6.50E-05	1.02E-08	3.57E-09	6.84E-06	1.08E-09	3.76E-10	6.30E-05	9.92E-09	3.45E-09	3.30E-06	5.19E-10	1.81E-10
3265	491363.09, 3847377.25	6.50E-05	1.02E-08	3.57E-09	6.22E-06	9.81E-10	3.42E-10	6.60E-05	1.04E-08	3.62E-09	7.14E-06	1.13E-09	3.92E-10	6.38E-05	1.00E-08	3.50E-09	3.43E-06	5.41E-10	1.88E-10
3266	491863.09, 3847377.25	6.87E-05	1.08E-08	3.77E-09	6.76E-06	1.06E-09	3.71E-10	6.98E-05	1.10E-08	3.83E-09	7.76E-06	1.22E-09	4.26E-10	6.74E-05	1.06E-08	3.70E-09	3.72E-06	5.86E-10	2.04E-10
3267	492363.09, 3847377.25	6.94E-05	1.09E-08	3.81E-09	6.91E-06	1.09E-09	3.79E-10	7.06E-05	1.11E-08	3.87E-09	7.93E-06	1.25E-09	4.35E-10	6.80E-05	1.07E-08	3.73E-09	3.80E-06	5.98E-10	2.09E-10
3268	492863.09, 3847377.25	7.14E-05	1.12E-08	3.92E-09	7.39E-06	1.16E-09	4.06E-10	7.26E-05	1.14E-08	3.98E-09	8.49E-06	1.34E-09	4.66E-10	6.98E-05	1.10E-08	3.83E-09	4.05E-06	6.38E-10	2.22E-10
3269	493363.09, 3847377.25	7.22E-05	1.14E-08	3.96E-09	7.79E-06	1.23E-09	4.28E-10	7.35E-05	1.16E-08	4.03E-09	8.96E-06	1.41E-09	4.92E-10	7.04E-05	1.11E-08	3.87E-09	4.26E-06	6.71E-10	2.34E-10
3270	493863.09, 3847377.25	7.30E-05	1.15E-08	4.00E-09	8.05E-06	1.27E-09	4.42E-10	7.43E-05	1.17E-08	4.08E-09	9.25E-06	1.46E-09	5.08E-10	7.11E-05	1.12E-08	3.90E-09	4.39E-06	6.92E-10	2.41E-10
3271	494363.09, 3847377.25	7.50E-05	1.18E-08	4.12E-09	8.28E-06	1.30E-09	4.54E-10	7.63E-05	1.20E-08	4.19E-09	9.52E-06	1.50E-09	5.22E-10	7.31E-05	1.15E-08	4.01E-09	4.51E-06	7.11E-10	2.48E-10
3272	494863.09, 3847377.25	7.78E-05	1.23E-08	4.27E-09	8.51E-06	1.34E-09	4.67E-10	7.92E-05	1.25E-08	4.35E-09	9.78E-06	1.54E-09	5.37E-10	7.59E-05	1.20E-08	4.16E-09	4.64E-06	7.31E-10	2.55E-10
3273	495363.09, 3847377.25	8.14E-05	1.28E-08	4.47E-09	8.85E-06	1.39E-09	4.86E-10	8.28E-05	1.31E-08	4.55E-09	1.02E-05	1.60E-09	5.59E-10	7.94E-05	1.25E-08	4.36E-09	4.83E-06	7.60E-10	2.65E-10
3274	495863.09, 3847377.25	8.64E-05	1.36E-08	4.74E-09	9.43E-06	1.49E-09	5.18E-10	8.80E-05	1.39E-08	4.83E-09	1.08E-05	1.71E-09	5.95E-10	8.43E-05	1.33E-08	4.63E-09	5.14E-06	8.10E-10	2.82E-10
3275	496363.09, 3847377.25	9.19E-05	1.45E-08	5.04E-09	1.01E-05	1.59E-09	5.54E-10	9.35E-05	1.47E-08	5.13E-09	1.16E-05	1.83E-09	6.37E-10	8.96E-05	1.41E-08	4.92E-09	5.50E-06	8.66E-10	3.02E-10
3276	496863.09, 3847377.25	9.87E-05	1.56E-08	5.42E-09	1.11E-05	1.75E-09	6.08E-10	1.01E-04	1.58E-08	5.52E-09	1.27E-05	2.01E-09	7.00E-10	9.61E-05	1.51E-08	5.27E-09	6.03E-06	9.50E-10	3.31E-10
3277	497363.09, 3847377.25	1.08E-04	1.71E-08	5.94E-09	1.23E-05	1.94E-09	6.77E-10	1.10E-04	1.74E-08	6.05E-09	1.42E-05	2.24E-09	7.79E-10	1.05E-04	1.66E-08	5.78E-09	6.70E-06	1.06E-09	3.68E-10
3278	497863.09, 3847377.25	1.20E-04	1.89E-08	6.57E-09	1.40E-05	2.20E-09	7.67E-10	1.22E-04	1.92E-08	6.70E-09	1.61E-05	2.53E-09	8.82E-10	1.16E-04	1.83E-08	6.38E-09	7.57E-06	1.19E-09	4.16E-10
3279	498363.09, 3847377.25	1.26E-04	1.99E-08	6.93E-09	1.50E-05	2.36E-09	8.23E-10	1.29E-04	2.03E-08	7.06E-09	1.73E-05	2.72E-09	9.47E-10	1.22E-04	1.93E-08	6.72E-09	8.12E-06	1.28E-09	4.46E-10

3280	471363.09, 3847877.25	1.70E-04	2.68E-08	9.32E-09	2.47E-05	3.89E-09	1.35E-09	1.74E-04	2.74E-08	9.55E-09	2.85E-05	4.49E-09	1.56E-09	1.63E-04	2.57E-08	8.97E-09	1.30E-05	2.04E-09	7.12E-10
3281	471863.09, 3847877.25	1.73E-04	2.72E-08	9.48E-09	2.46E-05	3.87E-09	1.35E-09	1.77E-04	2.79E-08	9.71E-09	2.84E-05	4.47E-09	1.56E-09	1.67E-04	2.62E-08	9.14E-09	1.29E-05	2.03E-09	7.09E-10
3282	472363.09, 3847877.25	1.74E-04	2.74E-08	9.56E-09	2.48E-05	3.91E-09	1.36E-09	1.78E-04	2.81E-08	9.79E-09	2.87E-05	4.53E-09	1.58E-09	1.68E-04	2.64E-08	9.21E-09	1.31E-05	2.06E-09	7.17E-10
3283	472863.09, 3847877.25	1.71E-04	2.70E-08	9.40E-09	2.51E-05	3.95E-09	1.38E-09	1.76E-04	2.77E-08	9.64E-09	2.90E-05	4.57E-09	1.59E-09	1.65E-04	2.59E-08	9.04E-09	1.32E-05	2.08E-09	7.24E-10
3284	473363.09, 3847877.25	1.67E-04	2.63E-08	9.16E-09	2.49E-05	3.93E-09	1.37E-09	1.71E-04	2.70E-08	9.39E-09	2.88E-05	4.54E-09	1.58E-09	1.60E-04	2.52E-08	8.79E-09	1.31E-05	2.06E-09	7.19E-10
3285	473863.09, 3847877.25	1.53E-04	2.42E-08	8.42E-09	2.41E-05	3.79E-09	1.32E-09	1.57E-04	2.48E-08	8.64E-09	2.78E-05	4.39E-09	1.53E-09	1.46E-04	2.31E-08	8.03E-09	1.27E-05	2.00E-09	6.95E-10
3286	474363.09, 3847877.25	1.32E-04	2.07E-08	7.22E-09	2.17E-05	3.42E-09	1.19E-09	1.35E-04	2.13E-08	7.42E-09	2.51E-05	3.95E-09	1.38E-09	1.25E-04	1.97E-08	6.85E-09	1.14E-05	1.80E-09	6.27E-10
3287	474863.09, 3847877.25	1.46E-04	2.31E-08	8.03E-09	2.21E-05	3.49E-09	1.21E-09	1.50E-04	2.37E-08	8.24E-09	2.56E-05	4.03E-09	1.40E-09	1.40E-04	2.21E-08	7.69E-09	1.17E-05	1.84E-09	6.40E-10
3288	475363.09, 3847877.25	1.50E-04	2.36E-08	8.24E-09	2.05E-05	3.23E-09	1.12E-09	1.54E-04	2.42E-08	8.43E-09	2.37E-05	3.73E-09	1.30E-09	1.45E-04	2.29E-08	7.96E-09	1.08E-05	1.70E-09	5.92E-10
3289	475863.09, 3847877.25	1.51E-04	2.39E-08	8.31E-09	1.82E-05	2.87E-09	1.00E-09	1.55E-04	2.43E-08	8.48E-09	2.11E-05	3.32E-09	1.16E-09	1.48E-04	2.33E-08	8.12E-09	9.63E-06	1.52E-09	5.28E-10
3290	476363.09, 3847877.25	1.89E-04	2.97E-08	1.03E-08	2.20E-05	3.46E-09	1.21E-09	1.92E-04	3.03E-08	1.06E-08	2.54E-05	4.00E-09	1.40E-09	1.85E-04	2.91E-08	1.01E-08	1.16E-05	1.83E-09	6.36E-10
3291	476863.09, 3847877.25	1.91E-04	3.00E-08	1.05E-08	2.67E-05	4.21E-09	1.47E-09	1.95E-04	3.08E-08	1.07E-08	3.09E-05	4.87E-09	1.70E-09	1.84E-04	2.90E-08	1.01E-08	1.41E-05	2.21E-09	7.72E-10
3292	477363.09, 3847877.25	1.91E-04	3.00E-08	1.05E-08	3.53E-05	5.57E-09	1.94E-09	1.97E-04	3.10E-08	1.08E-08	4.09E-05	6.44E-09	2.24E-09	1.79E-04	2.82E-08	9.81E-09	1.85E-05	2.92E-09	1.02E-09
3293	477863.09, 3847877.25	1.75E-04	2.76E-08	9.63E-09	3.63E-05	5.73E-09	1.99E-09	1.82E-04	2.86E-08	9.97E-09	4.20E-05	6.62E-09	2.31E-09	1.62E-04	2.55E-08	8.89E-09	1.90E-05	3.00E-09	1.05E-09
3294	478363.09, 3847877.25	1.59E-04	2.51E-08	8.73E-09	3.41E-05	5.37E-09	1.87E-09	1.65E-04	2.60E-08	9.05E-09	3.94E-05	6.21E-09	2.16E-09	1.46E-04	2.30E-08	8.02E-09	1.79E-05	2.82E-09	9.81E-10
3295	478863.09, 3847877.25	1.52E-04	2.39E-08	8.31E-09	2.77E-05	4.36E-09	1.52E-09	1.56E-04	2.46E-08	8.57E-09	3.20E-05	5.05E-09	1.76E-09	1.42E-04	2.24E-08	7.79E-09	1.46E-05	2.30E-09	8.01E-10
3296	479363.09, 3847877.25	1.15E-04	1.81E-08	6.30E-09	1.76E-05	2.78E-09	9.67E-10	1.18E-04	1.86E-08	6.47E-09	2.03E-05	3.20E-09	1.12E-09	1.09E-04	1.72E-08	6.01E-09	9.35E-06	1.47E-09	5.13E-10
3297	479863.09, 3847877.25	8.29E-05	1.31E-08	4.55E-09	1.13E-05	1.78E-09	6.21E-10	8.47E-05	1.34E-08	4.65E-09	1.30E-05	2.05E-09	7.16E-10	7.97E-05	1.26E-08	4.37E-09	6.04E-06	9.52E-10	3.32E-10
3298	480363.09, 3847877.25	8.40E-05	1.32E-08	4.61E-09	1.10E-05	1.74E-09	6.05E-10	8.59E-05	1.35E-08	4.71E-09	1.27E-05	2.00E-09	6.98E-10	8.11E-05	1.28E-08	4.45E-09	5.90E-06	9.30E-10	3.24E-10
3299	480863.09, 3847877.25	8.02E-05	1.26E-08	4.40E-09	9.85E-06	1.55E-09	5.41E-10	8.18E-05	1.29E-08	4.49E-09	1.14E-05	1.79E-09	6.23E-10	7.77E-05	1.22E-08	4.27E-09	5.30E-06	8.34E-10	2.91E-10
3300	481363.09, 3847877.25	8.07E-05	1.27E-08	4.43E-09	1.02E-05	1.61E-09	5.59E-10	8.24E-05	1.30E-08	4.52E-09	1.17E-05	1.85E-09	6.45E-10	7.81E-05	1.23E-08	4.29E-09	5.47E-06	8.62E-10	3.00E-10
3301	481863.09, 3847877.25	9.39E-05	1.48E-08	5.15E-09	1.31E-05	2.07E-09	7.20E-10	9.61E-05	1.51E-08	5.27E-09	1.51E-05	2.38E-09	8.31E-10	9.01E-05	1.42E-08	4.95E-09	7.01E-06	1.10E-09	3.84E-10
3302	482363.09, 3847877.25	9.02E-05	1.42E-08	4.95E-09	1.18E-05	1.85E-09	6.45E-10	9.22E-05	1.45E-08	5.06E-09	1.36E-05	2.14E-09	7.44E-10	8.71E-05	1.37E-08	4.78E-09	6.30E-06	9.92E-10	3.46E-10
3303	482863.09, 3847877.25	8.52E-05	1.34E-08	4.67E-09	1.07E-05	1.68E-09	5.85E-10	8.69E-05	1.37E-08	4.77E-09	1.23E-05	1.94E-09	6.74E-10	8.24E-05	1.30E-08	4.52E-09	5.73E-06	9.03E-10	3.15E-10
3304	483363.09, 3847877.25	8.40E-05	1.32E-08	4.61E-09	1.02E-05	1.61E-09	5.62E-10	8.57E-05	1.35E-08	4.71E-09	1.18E-05	1.86E-09	6.47E-10	8.14E-05	1.28E-08	4.47E-09	5.52E-06	8.70E-10	3.03E-10
3305	483863.09, 3847877.25	8.49E-05	1.34E-08	4.66E-09	1.06E-05	1.66E-09	5.79E-10	8.66E-05	1.36E-08	4.76E-09	1.22E-05	1.92E-09	6.67E-10	8.20E-05	1.29E-08	4.50E-09	5.70E-06	8.98E-10	3.13E-10
3306	484363.09, 3847877.25	8.71E-05	1.37E-08	4.78E-09	1.03E-05	1.62E-09	5.63E-10	8.87E-05	1.40E-08	4.87E-09	1.18E-05	1.86E-09	6.48E-10	8.44E-05	1.33E-08	4.63E-09	5.56E-06	8.76E-10	3.05E-10
3307	484863.09, 3847877.25	8.85E-05	1.39E-08	4.85E-09	9.96E-06	1.57E-09	5.47E-10	9.01E-05	1.42E-08	4.94E-09	1.15E-05	1.81E-09	6.29E-10	8.59E-05	1.35E-08	4.72E-09	5.42E-06	8.54E-10	2.98E-10
3308	485363.09, 3847877.25	8.83E-05	1.39E-08	4.84E-09	9.96E-06	1.57E-09	5.47E-10	8.99E-05	1.42E-08	4.93E-09	1.15E-05	1.81E-09	6.29E-10	8.57E-05	1.35E-08	4.70E-09	5.42E-06	8.54E-10	2.98E-10
3309	485863.09, 3847877.25	8.43E-05	1.33E-08	4.63E-09	9.27E-06	1.46E-09	5.09E-10	8.58E-05	1.35E-08	4.71E-09	1.07E-05	1.68E-09	5.85E-10	8.20E-05	1.29E-08	4.50E-09	5.05E-06	7.96E-10	2.77E-10
3310	486363.09, 3847877.25	7.79E-05	1.23E-08	4.27E-09	8.30E-06	1.31E-09	4.55E-10	7.92E-05	1.25E-08	4.35E-09	9.54E-06	1.50E-09	5.24E-10	7.60E-05	1.20E-08	4.17E-09	4.52E-06	7.12E-10	2.48E-10
3311	486863.09, 3847877.25	7.49E-05	1.18E-08	4.11E-09	7.98E-06	1.26E-09	4.38E-10	7.62E-05	1.20E-08	4.18E-09	9.18E-06	1.45E-09	5.04E-10	7.32E-05	1.15E-08	4.02E-09	4.34E-06	6.84E-10	2.38E-10
3312	487363.09, 3847877.25	7.10E-05	1.12E-08	3.90E-09	7.67E-06	1.21E-09	4.21E-10	7.23E-05	1.14E-08	3.97E-09	8.82E-06	1.39E-09	4.84E-10	6.93E-05	1.09E-08	3.80E-09	4.17E-06	6.57E-10	2.29E-10
3313	487863.09, 3847877.25	6.84E-05	1.08E-08	3.75E-09	7.27E-06	1.14E-09	3.99E-10	6.96E-05	1.10E-08	3.82E-09	8.35E-06	1.32E-09	4.59E-10	6.68E-05	1.05E-08	3.67E-09	3.96E-06	6.24E-10	2.17E-10
3314	488363.09, 3847877.25	6.94E-05	1.09E-08	3.81E-09	7.03E-06	1.11E-09	3.86E-10	7.05E-05	1.11E-08	3.87E-09	8.08E-06	1.27E-09	4.43E-10	6.79E-05	1.07E-08	3.73E-09	3.85E-06	6.06E-10	2.11E-10
3315	488863.09, 3847877.25	7.21E-05	1.14E-08	3.96E-09	7.10E-06	1.12E-09	3.89E-10	7.32E-05	1.15E-08	4.02E-09	8.15E-06	1.28E-09	4.47E-10	7.07E-05	1.11E-08	3.88E-09	3.90E-06	6.14E-10	2.14E-10
3316	489363.09, 3847877.25	7.36E-05	1.16E-08	4.04E-09	7.12E-06	1.12E-09	3.91E-10	7.48E-05	1.18E-08	4.10E-09	8.17E-06	1.29E-09	4.48E-10	7.22E-05	1.14E-08	3.96E-09	3.92E-06	6.18E-10	2.15E-10
3317	489863.09, 3847877.25	7.57E-05	1.19E-08	4.15E-09	7.27E-06	1.15E-09	3.99E-10	7.69E-05	1.21E-08	4.22E-09	8.35E-06	1.31E-09	4.58E-10	7.43E-05	1.17E-08	4.08E-09	4.00E-06	6.30E-10	2.20E-10
3318	490363.09, 3847877.25	7.50E-05	1.18E-08	4.12E-09	7.30E-06	1.15E-09	4.00E-10	7.62E-05	1.20E-08	4.18E-09	8.38E-06	1.32E-09	4.60E-10	7.36E-05	1.16E-08	4.04E-09	4.01E-06	6.32E-10	2.20E-10
3319	490863.09, 3847877.25	7.46E-05	1.18E-08	4.10E-09	7.47E-06	1.18E-09	4.10E-10	7.58E-05	1.19E-08	4.16E-09	8.59E-06	1.35E-09	4.71E-10	7.31E-05	1.15E-08	4.01E-09	4.10E-06	6.46E-10	2.25E-10
3320	491363.09, 3847877.25	7.47E-05	1.18E-08	4.10E-09	7.52E-06	1.18E-09	4.13E-10	7.59E-05	1.20E-08	4.17E-09	8.64E-06	1.36E-09	4.74E-10	7.31E-05	1.15E-08	4.01E-09	4.13E-06	6.50E-10	2.26E-10
3321	491863.09, 3847877.25	7.63E-05	1.20E-08	4.19E-09	7.82E-06	1.23E-09	4.29E-10	7.76E-05	1.22E-08	4.26E-09	8.99E-06	1.42E-09	4.93E-10	7.46E-05	1.18E-08	4.10E-09	4.29E-06	6.76E-10	2.35E-10
3322	492363.09, 3847877.25	7.80E-05	1.23E-08	4.28E-09	8.20E-06	1.29E-09	4.50E-10	7.93E-05	1.25E-08	4.35E-09	9.42E-06	1.48E-09	5.17E-10	7.62E-05	1.20E-08	4.18E-09	4.49E-06	7.07E-10	2.46E-10
3323	492863.09, 3847877.25	7.84E-05	1.24E-08	4.30E-09	8.56E-06	1.35E-09	4.70E-10	7.98E-05	1.26E-08	4.38E-09	9.84E-06	1.55E-09	5.40E-10	7.64E-05	1.20E-08	4.20E-09	4.67E-06	7.36E-10	2.57E-10
3324	493363.09, 3847877.25	7.74E-05	1.22E-08	4.25E-09	8.55E-06	1.35E-09	4.69E-10	7.88E-05	1.24E-08	4.33E-09	9.83E-06	1.55E-09	5.40E-10	7.54E-05	1.19E-08	4.14E-09	4.67E-06	7.35E-10	2.56E-10
3325	493863.09, 3847877.25	7.80E-05	1.23E-08	4.28E-09	8.63E-06	1.36E-09	4.73E-10	7.94E-05	1.25E-08	4.36E-09	9.92E-06	1.56E-09	5.44E-10	7.60E-05	1.20E-08	4.17E-09	4.70E-06	7.41E-10	2.58E-10
3326	494363.09, 3847877.25	8.03E-05	1.27E-08	4.41E-09	8.78E-06	1.38E-09	4.82E-10	8.18E-05	1.29E-08	4.49E-09	1.01E-05	1.59E-09	5.54E-10	7.83E-05	1.23E-08	4.30E-09	4.79E-06	7.55E-10	2.63E-10
3327	494863.09, 3847877.25	8.41E-05	1.33E-08	4.62E-09	9.16E-06	1.44E-09	5.03E-10	8.56E-05	1.35E-08	4.70E-09	1.05E-05	1.66E-09	5.78E-10	8.21E-05	1.29E-08	4.51E-09	4.99E-06	7.87E-10	2.74E-10
3328	495363.09, 3847877.25	8.77E-05	1.38E-08	4.81E-09	9.52E-06	1.50E-09	5.22E-10	8.92E-05	1.41E-08	4.90E-09	1.09E-05	1.72E-09	6.01E-10	8.56E-05	1.35E-08	4.70E-09	5.19E-06	8.17E-10	2.85E-10
3329	495863.09, 3847877.25	8.73E-05	1.37E-08	4.79E-09	9.34E-06	1.47E-09	5.13E-10	8.88E-05	1.40E-08	4.87E-09	1.07E-05	1.69E-09	5.89E-10	8.52E-05	1.34E-08	4.68E-09	5.10E-06	8.04E-10	2.80E-10
3330	496363.09, 3847877.25	9.97E-05	1.57E-08	5.47E-09	1.11E-05	1.74E-09	6.07E-10	1.02E-04	1.60E-08	5.57E-09	1.27E-05	2.00E-09	6.98E-10	9.71E-05	1.53E-08	5.33E-09	6.02E-06	9.49E-10	3.31E-10
3331	496863.09, 3847877.25	1.08E-04	1.70E-08	5.92E-09	1.22E-05	1.93E-09	6.72E-10	1.10E-04	1.73E-08	6.03E-09	1.41E-05	2.22E-09	7.73E-10	1.05E-04	1.65E-08	5.76E-09	6.65E-06	1.05E-09	3.65E-10
3332	497363.09, 3847877.25	1.18E-04	1.86E-08	6.48E-09	1.37E-05	2.16E-09	7.53E-10	1.20E-04	1.90E-08	6.60E-09	1.58E-05	2.49E-09	8.66E-10	1.15E-04	1.81E-08	6.29E-09	7.44E-06	1.17E-09	4.08E-10
3333	497863.09, 3847877.25	1.35E-04	2.13E-08	7.42E-09	1.64E-05	2.58E-09	8.99E-10	1.38E-04	2.17E-08	7.56E-09	1.89E-05	2.97E-09	1.04E-09	1.31E-04	2.06E-08	7.18E-09	8.86E-06	1.40E-09	4.86E-10
3334	498363.09, 3847877.25	1.44E-04	2.27E-08	7.92E-09	1.79E-05	2.82E-09	9.84E-10	1.47E-04	2.32E-08	8.09E-09	2.06E-05	3.25E-09	1.13E-09	1.40E-04	2.20E-08	7.66E-09	9.68E-06	1.52E-09	5.31E-10
3335	471363.09, 3848377.25	1.82E-04	2.86E-08	9.97E-09	2.54E-05	4.01E-09	1.40E-09	1.86E-04	2.93E-08	1.02E-08	2.94E-05	4.63E-09	1.61E-09	1.75E-04	2.76E-08	9.62E-09	1.34E-05	2.11E-09	7.34E-10
3336	471863.09, 3848377.25	1.84E-04	2.90E-08	1.01E-08	2.70E-05	4.25E-09	1.48E-09	1.89E-04	2.98E-08	1.04E-08	3.12E-05	4.91E-09	1.71E-09	1.77E-04	2.79E-08	9.73E-09	1.42E-05	2.23E-09	7.77E-10
3337	472363.09, 3848377.25	1.86E-04	2.92E-08	1.02E-08	2.72E-05	4.28E-09	1.49E-09	1.90E-04	3.00E-08	1.04E-08	3.14E-05	4.95E-09	1.72E-09	1.79E-04	2.81E-08	9.80E-09	1.43E-05	2.25E-09	7.84E-10
3338	472863.09, 3848377.25	1.89E-04	2.97E-08	1.04E-08	2.73E-05	4.29E-09	1.50E-09	1.93E-04	3.05E-08	1.06E-08	3.15E-05	4.96E-09	1.73E-09	1.82E-04	2.86E-08	9.97E-09	1.43E-05	2.26E-09	7.86E-10
3339	473363.09, 3848377.25	1.87E-04	2.94E-08	1.03E-08	2.75E-05	4.34E-09	1.51E-09	1.91E-04	3.02E-08	1.05E-08	3.19E-05	5.02E-09	1.75E-09	1.80E-04	2.83E-08	9.85E-09	1.45E-05	2.28E-09	7.94E-10
3340	473863.09, 3848377.25	1.83E-04	2.88E-08	1.00E-08	2.77E-05	4.36E-09	1.52E-09	1.87E-04	2.95E-08	1.03E-08	3.20E-05	5.04E-09	1.76E-09	1.75E-04	2.76E-08	9.61E-09	1.45E-05	2.29E-09	7.97E-10
3341	474363.09, 3848377.25	1.72E-04	2.70E-08	9.41E-09	2.70E-05	4.25E-09	1.48E-09	1.76E-04	2.77E-08	9.67E-09	3.12E-05	4.92E-09	1.71E-09	1.64E-04	2.58E-08	8.99E-09	1.42E-05	2.23E-09	7.79E-10
3342	474863.09, 3848377.25	1.51E-04	2.37E-08	8.27E-09	2.50E-05	3.94E-09	1.37E-09	1.55E-04	2.44E-08	8.50E-09	2.89E-05	4.56E-09	1.59E-09	1.43E-04	2.25E-08	7.84E-09	1.32E-05	2.07E-09	7.22E-10
3343	475363.09, 3848377.25	1.74E-04	2.74E-08	9.55E-09	2.59E-05	4.09E-09	1.42E-09	1.78E-04	2.81E-08	9.79E-09	3.00E-05	4.72E-09	1.65E-09	1.67E-04	2.63E-08	9.17E-09	1.36E-05	2.15E-09	7.48E-10
3344	475863.09, 3848377.25	1.74E-04	2.73E-08	9.53E-09	2.40E-05	3.78E-09	1.32E-09	1.78E-04	2.80E-08	9.75E-09	2.77E-05	4.37E-09	1.52E-09	1.68E-04	2.64E-08	9.21E-09	1.26E-05	1.99E-09	6.93E-10
3345	476363.09, 3848377.25	1.68E-04	2.65E-08	9.22E-09	2.08E-05	3.27E-09	1.14E-09	1.72E-04	2.70E-08	9.42E-09	2.40E-05	3.78E-09	1.32E-09	1.64E-04	2.58E-08	8.99E-09	1.10E-05	1.73E-09	6.02E-10
3346	476863.09, 3848377.25	2.18E-04	3.44E-08	1.20E-08	2.47E-05	3.90E-09	1.36E-09	2.22E-04	3.50E-08	1.22E-08	2.86E-05	4.50E-09	1.57E-09	2.14E-04	3.38E-08	1.18E-08	1.30E-05	2.05E-09	7.14E-10

3347	477363.09, 3848377.25	2.06E-04	3.24E-08	1.13E-08	2.93E-05	4.62E-09	1.61E-09	2.11E-04	3.32E-08	1.16E-08	3.39E-05	5.34E-09	1.86E-09	1.98E-04	3.13E-08	1.09E-08	1.54E-05	2.43E-09	8.45E-10
3348	477863.09, 3848377.25	2.09E-04	3.30E-08	1.15E-08	3.94E-05	6.20E-09	2.16E-09	2.16E-04	3.41E-08	1.19E-08	4.56E-05	7.18E-09	2.50E-09	1.96E-04	3.09E-08	1.08E-08	2.06E-05	3.25E-09	1.13E-09
3349	478363.09, 3848377.25	1.88E-04	2.96E-08	1.03E-08	4.04E-05	6.37E-09	2.22E-09	1.95E-04	3.07E-08	1.07E-08	4.68E-05	7.37E-09	2.57E-09	1.73E-04	2.72E-08	9.48E-09	2.12E-05	3.34E-09	1.16E-09
3350	478863.09, 3848377.25	1.67E-04	2.63E-08	9.18E-09	3.64E-05	5.73E-09	2.00E-09	1.73E-04	2.73E-08	9.52E-09	4.21E-05	6.62E-09	2.31E-09	1.53E-04	2.42E-08	8.41E-09	1.91E-05	3.01E-09	1.05E-09
3351	479363.09, 3848377.25	1.30E-04	2.05E-08	7.13E-09	2.27E-05	3.57E-09	1.25E-09	1.34E-04	2.11E-08	7.34E-09	2.62E-05	4.13E-09	1.44E-09	1.22E-04	1.92E-08	6.71E-09	1.20E-05	1.89E-09	6.58E-10
3352	479863.09, 3848377.25	7.35E-05	1.16E-08	4.03E-09	8.84E-06	1.39E-09	4.85E-10	7.49E-05	1.18E-08	4.11E-09	1.02E-05	1.60E-09	5.59E-10	7.13E-05	1.12E-08	3.91E-09	4.76E-06	7.50E-10	2.61E-10
3353	480363.09, 3848377.25	8.67E-05	1.37E-08	4.76E-09	1.17E-05	1.84E-09	6.40E-10	8.86E-05	1.40E-08	4.86E-09	1.34E-05	2.12E-09	7.38E-10	8.35E-05	1.32E-08	4.58E-09	6.24E-06	9.83E-10	3.42E-10
3354	480863.09, 3848377.25	1.03E-04	1.62E-08	5.64E-09	1.51E-05	2.38E-09	8.29E-10	1.05E-04	1.66E-08	5.78E-09	1.74E-05	2.75E-09	9.57E-10	9.83E-05	1.55E-08	5.40E-09	8.04E-06	1.27E-09	4.41E-10
3355	481363.09, 3848377.25	1.04E-04	1.64E-08	5.70E-09	1.58E-05	2.50E-09	8.70E-10	1.07E-04	1.68E-08	5.85E-09	1.83E-05	2.88E-09	1.00E-09	9.90E-05	1.56E-08	5.43E-09	8.43E-06	1.33E-09	4.63E-10
3356	481863.09, 3848377.25	1.05E-04	1.66E-08	5.78E-09	1.58E-05	2.49E-09	8.69E-10	1.08E-04	1.70E-08	5.92E-09	1.83E-05	2.88E-09	1.00E-09	1.00E-04	1.58E-08	5.51E-09	8.42E-06	1.33E-09	4.62E-10
3357	482363.09, 3848377.25	1.04E-04	1.64E-08	5.70E-09	1.49E-05	2.35E-09	8.20E-10	1.06E-04	1.68E-08	5.84E-09	1.72E-05	2.72E-09	9.47E-10	9.95E-05	1.57E-08	5.46E-09	7.97E-06	1.26E-09	4.37E-10
3358	482863.09, 3848377.25	9.51E-05	1.50E-08	5.22E-09	1.27E-05	2.00E-09	6.97E-10	9.72E-05	1.53E-08	5.34E-09	1.46E-05	2.31E-09	8.04E-10	9.16E-05	1.44E-08	5.03E-09	6.80E-06	1.07E-09	3.73E-10
3359	483363.09, 3848377.25	9.43E-05	1.49E-08	5.17E-09	1.24E-05	1.96E-09	6.82E-10	9.64E-05	1.52E-08	5.29E-09	1.43E-05	2.26E-09	7.86E-10	9.09E-05	1.43E-08	4.99E-09	6.66E-06	1.05E-09	3.66E-10
3360	483863.09, 3848377.25	9.13E-05	1.44E-08	5.01E-09	1.19E-05	1.87E-09	6.53E-10	9.33E-05	1.47E-08	5.12E-09	1.37E-05	2.16E-09	7.52E-10	8.80E-05	1.39E-08	4.83E-09	6.40E-06	1.01E-09	3.51E-10
3361	484363.09, 3848377.25	9.19E-05	1.45E-08	5.05E-09	1.14E-05	1.79E-09	6.24E-10	9.38E-05	1.48E-08	5.15E-09	1.31E-05	2.06E-09	7.19E-10	8.88E-05	1.40E-08	4.87E-09	6.15E-06	9.68E-10	3.37E-10
3362	484863.09, 3848377.25	9.89E-05	1.56E-08	5.43E-09	1.20E-05	1.89E-09	6.59E-10	1.01E-04	1.59E-08	5.54E-09	1.38E-05	2.18E-09	7.59E-10	9.57E-05	1.51E-08	5.25E-09	6.50E-06	1.02E-09	3.57E-10
3363	485363.09, 3848377.25	9.82E-05	1.55E-08	5.39E-09	1.17E-05	1.84E-09	6.40E-10	1.00E-04	1.58E-08	5.49E-09	1.34E-05	2.11E-09	7.36E-10	9.50E-05	1.50E-08	5.21E-09	6.32E-06	9.96E-10	3.47E-10
3364	485863.09, 3848377.25	9.28E-05	1.46E-08	5.09E-09	1.06E-05	1.68E-09	5.84E-10	9.45E-05	1.49E-08	5.19E-09	1.22E-05	1.93E-09	6.72E-10	9.01E-05	1.42E-08	4.94E-09	5.78E-06	9.10E-10	3.17E-10
3365	486363.09, 3848377.25	8.68E-05	1.37E-08	4.76E-09	9.66E-06	1.52E-09	5.30E-10	8.84E-05	1.39E-08	4.85E-09	1.11E-05	1.75E-09	6.10E-10	8.45E-05	1.33E-08	4.64E-09	5.24E-06	8.26E-10	2.88E-10
3366	486863.09, 3848377.25	8.30E-05	1.31E-08	4.55E-09	9.30E-06	1.46E-09	5.10E-10	8.45E-05	1.33E-08	4.64E-09	1.07E-05	1.69E-09	5.87E-10	8.08E-05	1.27E-08	4.44E-09	5.04E-06	7.94E-10	2.76E-10
3367	487363.09, 3848377.25	7.63E-05	1.20E-08	4.19E-09	8.43E-06	1.33E-09	4.63E-10	7.77E-05	1.22E-08	4.27E-09	9.70E-06	1.53E-09	5.32E-10	7.44E-05	1.17E-08	4.09E-09	4.58E-06	7.21E-10	2.51E-10
3368	487863.09, 3848377.25	7.48E-05	1.18E-08	4.10E-09	8.14E-06	1.28E-09	4.46E-10	7.61E-05	1.20E-08	4.18E-09	9.36E-06	1.47E-09	5.14E-10	7.29E-05	1.15E-08	4.00E-09	4.43E-06	6.97E-10	2.43E-10
3369	488363.09, 3848377.25	7.66E-05	1.21E-08	4.20E-09	8.01E-06	1.26E-09	4.40E-10	7.79E-05	1.23E-08	4.27E-09	9.21E-06	1.45E-09	5.06E-10	7.49E-05	1.18E-08	4.11E-09	4.37E-06	6.89E-10	2.40E-10
3370	488863.09, 3848377.25	7.88E-05	1.24E-08	4.33E-09	8.04E-06	1.27E-09	4.41E-10	8.01E-05	1.26E-08	4.40E-09	9.24E-06	1.46E-09	5.07E-10	7.71E-05	1.22E-08	4.23E-09	4.41E-06	6.94E-10	2.42E-10
3371	489363.09, 3848377.25	8.11E-05	1.28E-08	4.45E-09	8.14E-06	1.28E-09	4.47E-10	8.24E-05	1.30E-08	4.52E-09	9.35E-06	1.47E-09	5.13E-10	7.94E-05	1.25E-08	4.36E-09	4.47E-06	7.04E-10	2.45E-10
3372	489863.09, 3848377.25	8.43E-05	1.33E-08	4.63E-09	8.48E-06	1.34E-09	4.65E-10	8.57E-05	1.35E-08	4.70E-09	9.74E-06	1.53E-09	5.35E-10	8.26E-05	1.30E-08	4.53E-09	4.65E-06	7.32E-10	2.55E-10
3373	490363.09, 3848377.25	8.37E-05	1.32E-08	4.60E-09	8.76E-06	1.38E-09	4.81E-10	8.52E-05	1.34E-08	4.67E-09	1.01E-05	1.59E-09	5.53E-10	8.18E-05	1.29E-08	4.49E-09	4.79E-06	7.55E-10	2.63E-10
3374	490863.09, 3848377.25	8.31E-05	1.31E-08	4.56E-09	8.76E-06	1.38E-09	4.81E-10	8.46E-05	1.33E-08	4.64E-09	1.01E-05	1.59E-09	5.53E-10	8.12E-05	1.28E-08	4.46E-09	4.79E-06	7.54E-10	2.63E-10
3375	491363.09, 3848377.25	8.45E-05	1.33E-08	4.64E-09	8.92E-06	1.41E-09	4.90E-10	8.60E-05	1.35E-08	4.72E-09	1.03E-05	1.62E-09	5.63E-10	8.25E-05	1.30E-08	4.53E-09	4.88E-06	7.68E-10	2.68E-10
3376	491863.09, 3848377.25	8.54E-05	1.35E-08	4.69E-09	9.15E-06	1.44E-09	5.02E-10	8.69E-05	1.37E-08	4.77E-09	1.05E-05	1.66E-09	5.77E-10	8.34E-05	1.31E-08	4.57E-09	5.00E-06	7.87E-10	2.74E-10
3377	492363.09, 3848377.25	8.41E-05	1.33E-08	4.62E-09	9.15E-06	1.44E-09	5.02E-10	8.56E-05	1.35E-08	4.70E-09	1.05E-05	1.66E-09	5.77E-10	8.21E-05	1.29E-08	4.50E-09	4.99E-06	7.87E-10	2.74E-10
3378	492863.09, 3848377.25	8.24E-05	1.30E-08	4.52E-09	9.02E-06	1.42E-09	4.95E-10	8.39E-05	1.32E-08	4.60E-09	1.04E-05	1.63E-09	5.69E-10	8.03E-05	1.27E-08	4.41E-09	4.92E-06	7.76E-10	2.70E-10
3379	493363.09, 3848377.25	8.26E-05	1.30E-08	4.53E-09	9.20E-06	1.45E-09	5.05E-10	8.41E-05	1.32E-08	4.61E-09	1.06E-05	1.67E-09	5.81E-10	8.04E-05	1.27E-08	4.41E-09	5.01E-06	7.90E-10	2.75E-10
3380	493863.09, 3848377.25	8.44E-05	1.33E-08	4.63E-09	9.32E-06	1.47E-09	5.11E-10	8.59E-05	1.35E-08	4.71E-09	1.07E-05	1.69E-09	5.88E-10	8.22E-05	1.30E-08	4.51E-09	5.08E-06	8.00E-10	2.79E-10
3381	494363.09, 3848377.25	8.69E-05	1.37E-08	4.77E-09	9.55E-06	1.50E-09	5.24E-10	8.84E-05	1.39E-08	4.85E-09	1.10E-05	1.73E-09	6.02E-10	8.47E-05	1.33E-08	4.65E-09	5.20E-06	8.19E-10	2.85E-10
3382	494863.09, 3848377.25	9.18E-05	1.45E-08	5.04E-09	1.02E-05	1.61E-09	5.59E-10	9.34E-05	1.47E-08	5.13E-09	1.17E-05	1.85E-09	6.43E-10	8.94E-05	1.41E-08	4.91E-09	5.55E-06	8.74E-10	3.04E-10
3383	495363.09, 3848377.25	9.38E-05	1.48E-08	5.15E-09	1.03E-05	1.62E-09	5.65E-10	9.55E-05	1.50E-08	5.24E-09	1.18E-05	1.86E-09	6.49E-10	9.15E-05	1.44E-08	5.02E-09	5.61E-06	8.84E-10	3.08E-10
3384	495863.09, 3848377.25	9.88E-05	1.56E-08	5.42E-09	1.09E-05	1.72E-09	5.99E-10	1.01E-04	1.59E-08	5.52E-09	1.25E-05	1.98E-09	6.89E-10	9.63E-05	1.52E-08	5.29E-09	5.95E-06	9.37E-10	3.26E-10
3385	496363.09, 3848377.25	1.08E-04	1.71E-08	5.95E-09	1.22E-05	1.92E-09	6.70E-10	1.10E-04	1.74E-08	6.06E-09	1.40E-05	2.21E-09	7.71E-10	1.05E-04	1.66E-08	5.78E-09	6.64E-06	1.05E-09	3.65E-10
3386	496863.09, 3848377.25	1.13E-04	1.79E-08	6.22E-09	1.28E-05	2.01E-09	7.00E-10	1.15E-04	1.82E-08	6.34E-09	1.47E-05	2.31E-09	8.05E-10	1.10E-04	1.74E-08	6.05E-09	6.94E-06	1.09E-09	3.81E-10
3387	497363.09, 3848377.25	1.26E-04	1.99E-08	6.93E-09	1.48E-05	2.32E-09	8.10E-10	1.29E-04	2.03E-08	7.06E-09	1.70E-05	2.67E-09	9.32E-10	1.23E-04	1.93E-08	6.73E-09	8.01E-06	1.26E-09	4.39E-10
3388	497863.09, 3848377.25	1.56E-04	2.45E-08	8.54E-09	1.98E-05	3.13E-09	1.09E-09	1.59E-04	2.50E-08	8.72E-09	2.29E-05	3.60E-09	1.25E-09	1.50E-04	2.36E-08	8.24E-09	1.07E-05	1.68E-09	5.87E-10
3389	498363.09, 3848377.25	1.62E-04	2.55E-08	8.90E-09	2.13E-05	3.36E-09	1.17E-09	1.66E-04	2.61E-08	9.09E-09	2.46E-05	3.87E-09	1.35E-09	1.56E-04	2.46E-08	8.57E-09	1.15E-05	1.81E-09	6.30E-10
3390	471363.09, 3848877.25	1.88E-04	2.96E-08	1.03E-08	2.33E-05	3.67E-09	1.28E-09	1.92E-04	3.02E-08	1.05E-08	2.69E-05	4.24E-09	1.48E-09	1.83E-04	2.88E-08	1.01E-08	1.22E-05	1.93E-09	6.72E-10
3391	471863.09, 3848877.25	1.96E-04	3.08E-08	1.07E-08	2.58E-05	4.07E-09	1.42E-09	2.00E-04	3.15E-08	1.10E-08	2.99E-05	4.70E-09	1.64E-09	1.90E-04	3.00E-08	1.04E-08	1.36E-05	2.14E-09	7.45E-10
3392	472363.09, 3848877.25	2.00E-04	3.16E-08	1.10E-08	2.84E-05	4.47E-09	1.56E-09	2.05E-04	3.23E-08	1.13E-08	3.28E-05	5.17E-09	1.80E-09	1.93E-04	3.05E-08	1.06E-08	1.49E-05	2.35E-09	8.19E-10
3393	472863.09, 3848877.25	2.03E-04	3.19E-08	1.11E-08	2.99E-05	4.72E-09	1.64E-09	2.08E-04	3.27E-08	1.14E-08	3.46E-05	5.46E-09	1.90E-09	1.95E-04	3.07E-08	1.07E-08	1.57E-05	2.48E-09	8.63E-10
3394	473363.09, 3848877.25	2.07E-04	3.26E-08	1.14E-08	3.04E-05	4.78E-09	1.67E-09	2.12E-04	3.34E-08	1.16E-08	3.51E-05	5.53E-09	1.93E-09	1.99E-04	3.14E-08	1.09E-08	1.59E-05	2.51E-09	8.75E-10
3395	473863.09, 3848877.25	2.06E-04	3.24E-08	1.13E-08	3.05E-05	4.81E-09	1.67E-09	2.11E-04	3.33E-08	1.16E-08	3.53E-05	5.56E-09	1.94E-09	1.98E-04	3.12E-08	1.09E-08	1.60E-05	2.52E-09	8.79E-10
3396	474363.09, 3848877.25	2.04E-04	3.21E-08	1.12E-08	3.08E-05	4.85E-09	1.69E-09	2.09E-04	3.29E-08	1.15E-08	3.56E-05	5.61E-09	1.95E-09	1.95E-04	3.08E-08	1.07E-08	1.62E-05	2.55E-09	8.88E-10
3397	474863.09, 3848877.25	1.86E-04	2.92E-08	1.02E-08	3.01E-05	4.74E-09	1.65E-09	1.91E-04	3.01E-08	1.05E-08	3.48E-05	5.48E-09	1.91E-09	1.77E-04	2.78E-08	9.70E-09	1.58E-05	2.49E-09	8.67E-10
3398	475363.09, 3848877.25	1.79E-04	2.82E-08	9.82E-09	2.93E-05	4.61E-09	1.61E-09	1.84E-04	2.90E-08	1.01E-08	3.38E-05	5.33E-09	1.86E-09	1.70E-04	2.68E-08	9.33E-09	1.54E-05	2.42E-09	8.44E-10
3399	475863.09, 3848877.25	2.00E-04	3.14E-08	1.09E-08	2.96E-05	4.67E-09	1.63E-09	2.05E-04	3.22E-08	1.12E-08	3.43E-05	5.40E-09	1.88E-09	1.92E-04	3.02E-08	1.05E-08	1.56E-05	2.45E-09	8.54E-10
3400	476363.09, 3848877.25	2.08E-04	3.28E-08	1.14E-08	2.83E-05	4.46E-09	1.55E-09	2.13E-04	3.36E-08	1.17E-08	3.27E-05	5.16E-09	1.80E-09	2.02E-04	3.18E-08	1.11E-08	1.49E-05	2.34E-09	8.17E-10
3401	476863.09, 3848877.25	2.09E-04	3.29E-08	1.15E-08	2.56E-05	4.03E-09	1.40E-09	2.13E-04	3.36E-08	1.17E-08	2.96E-05	4.66E-09	1.62E-09	2.04E-04	3.21E-08	1.12E-08	1.35E-05	2.12E-09	7.39E-10
3402	477363.09, 3848877.25	2.55E-04	4.02E-08	1.40E-08	2.79E-05	4.40E-09	1.53E-09	2.60E-04	4.09E-08	1.43E-08	3.23E-05	5.08E-09	1.77E-09	2.51E-04	3.96E-08	1.38E-08	1.47E-05	2.31E-09	8.06E-10
3403	477863.09, 3848877.25	2.34E-04	3.69E-08	1.29E-08	3.31E-05	5.22E-09	1.82E-09	2.40E-04	3.78E-08	1.32E-08	3.83E-05	6.03E-09	2.10E-09	2.26E-04	3.56E-08	1.24E-08	1.74E-05	2.74E-09	9.54E-10
3404	478363.09, 3848877.25	2.36E-04	3.72E-08	1.29E-08	4.47E-05	7.04E-09	2.45E-09	2.44E-04	3.84E-08	1.34E-08	5.17E-05	8.15E-09	2.84E-09	2.21E-04	3.48E-08	1.21E-08	2.34E-05	3.69E-09	1.28E-09
3405	478863.09, 3848877.25	2.03E-04	3.20E-08	1.11E-08	4.53E-05	7.14E-09	2.49E-09	2.11E-04	3.32E-08	1.16E-08	5.24E-05	8.26E-09	2.88E-09	1.86E-04	2.93E-08	1.02E-08	2.37E-05	3.74E-09	1.30E-09
3406	479363.09, 3848877.25	1.73E-04	2.73E-08	9.52E-09	3.80E-05	5.98E-09	2.08E-09	1.80E-04	2.83E-08	9.87E-09	4.39E-05	6.92E-09	2.41E-09	1.59E-04	2.50E-08	8.71E-09	1.99E-05	3.14E-09	1.09E-09
3407	479863.09, 3848877.25	1.40E-04	2.21E-08	7.70E-09	2.44E-05	3.84E-09	1.34E-09	1.44E-04	2.28E-08	7.93E-09	2.82E-05	4.44E-09	1.55E-09	1.32E-04	2.08E-08	7.25E-09	1.29E-05	2.03E-09	7.07E-10
3408	480363.09, 3848877.25	1.39E-04	2.19E-08	7.64E-09	2.40E-05	3.78E-09	1.32E-09	1.43E-04	2.26E-08	7.86E-09	2.77E-05	4.36E-09	1.52E-09	1.31E-04	2.06E-08	7.19E-09	1.27E-05	2.00E-09	6.97E-10
3409	480863.09, 3848877.25	1.40E-04	2.20E-08	7.67E-09	2.41E-05	3.80E-09	1.32E-09	1.44E-04	2.27E-08	7.89E-09	2.78E-05	4.38E-09	1.53E-09	1.31E-04	2.07E-08	7.22E-09	1.27E-05	2.01E-09	7.00E-10
3410	481363.09, 3848877.25	1.29E-04	2.03E-08	7.09E-09	2.14E-05	3.38E-09	1.18E-09	1.33E-04	2.09E-08	7.29E-09	2.48E-05	3.90E-09	1.36E-09	1.22E-04	1.92E-08	6.70E-09	1.14E-05	1.79E-09	6.23E-10
3411	481863.09, 3848877.25	1.18E-04	1.86E-08	6.49E-09	1.92E-05	3.02E-09	1.05E-09	1.22E-04	1.91E-08	6.67E-09	2.22E-05	3.49E-09	1.22E-09	1.12E-04	1.77E-08	6.15E-09	1.02E-05	1.60E-09	5.59E-10
3412	482363.09, 3848877.25	1.05E-04	1.66E-08	5.77E-09	1.50E-05	2.36E-09	8.21E-10	1.08E-04	1.70E-08	5.91E-09	1.73E-05	2.72E-09	9.47E-10	1.01E-04	1.59E-08	5.53E-09	7.98E-06	1.26E-09	4.38E-10
3413	482863.09, 3848877.25	9.48E-05	1.49E-08	5.21E-09	1.24E-05	1.95E-09	6.79E-10	9.69E-05	1.53E-08	5.32E-09	1.43E-05	2.25E-09	7.83E-10	9.15E-05	1.44E-08	5.02E-09	6.64E-06	1.05E-09	3.64E-10

3414	483363.09, 3848877.25	9.06E-05	1.43E-08	4.97E-09	1.11E-05	1.75E-09	6.11E-10	9.24E-05	1.46E-08	5.07E-09	1.28E-05	2.02E-09	7.04E-10	8.77E-05	1.38E-08	4.81E-09	6.00E-06	9.45E-10	3.29E-10
3415	483863.09, 3848877.25	9.06E-05	1.43E-08	4.97E-09	1.13E-05	1.78E-09	6.21E-10	9.25E-05	1.46E-08	5.07E-09	1.30E-05	2.05E-09	7.15E-10	8.75E-05	1.38E-08	4.80E-09	6.10E-06	9.61E-10	3.35E-10
3416	484363.09, 3848877.25	9.84E-05	1.55E-08	5.40E-09	1.29E-05	2.03E-09	7.06E-10	1.01E-04	1.58E-08	5.52E-09	1.48E-05	2.33E-09	8.13E-10	9.48E-05	1.49E-08	5.20E-09	6.92E-06	1.09E-09	3.80E-10
3417	484863.09, 3848877.25	1.09E-04	1.72E-08	6.00E-09	1.44E-05	2.27E-09	7.91E-10	1.12E-04	1.76E-08	6.13E-09	1.66E-05	2.62E-09	9.12E-10	1.05E-04	1.66E-08	5.77E-09	7.76E-06	1.22E-09	4.26E-10
3418	485363.09, 3848877.25	1.10E-04	1.74E-08	6.06E-09	1.39E-05	2.18E-09	7.61E-10	1.13E-04	1.78E-08	6.18E-09	1.60E-05	2.52E-09	8.76E-10	1.06E-04	1.68E-08	5.84E-09	7.49E-06	1.18E-09	4.11E-10
3419	485863.09, 3848877.25	1.04E-04	1.64E-08	5.70E-09	1.24E-05	1.96E-09	6.81E-10	1.06E-04	1.67E-08	5.82E-09	1.43E-05	2.25E-09	7.84E-10	1.01E-04	1.58E-08	5.52E-09	6.73E-06	1.06E-09	3.69E-10
3420	486363.09, 3848877.25	9.54E-05	1.50E-08	5.24E-09	1.09E-05	1.72E-09	5.99E-10	9.72E-05	1.53E-08	5.34E-09	1.26E-05	1.98E-09	6.90E-10	9.28E-05	1.46E-08	5.09E-09	5.92E-06	9.32E-10	3.25E-10
3421	486863.09, 3848877.25	8.93E-05	1.41E-08	4.90E-09	1.03E-05	1.62E-09	5.64E-10	9.10E-05	1.43E-08	4.99E-09	1.18E-05	1.86E-09	6.50E-10	8.69E-05	1.37E-08	4.77E-09	5.57E-06	8.77E-10	3.05E-10
3422	487363.09, 3848877.25	8.56E-05	1.35E-08	4.70E-09	9.93E-06	1.56E-09	5.45E-10	8.72E-05	1.37E-08	4.79E-09	1.14E-05	1.80E-09	6.27E-10	8.32E-05	1.31E-08	4.57E-09	5.37E-06	8.46E-10	2.95E-10
3423	487863.09, 3848877.25	8.29E-05	1.31E-08	4.55E-09	9.34E-06	1.47E-09	5.13E-10	8.44E-05	1.33E-08	4.63E-09	1.07E-05	1.69E-09	5.90E-10	8.07E-05	1.27E-08	4.43E-09	5.06E-06	7.98E-10	2.78E-10
3424	488363.09, 3848877.25	8.52E-05	1.34E-08	4.68E-09	9.33E-06	1.47E-09	5.12E-10	8.68E-05	1.37E-08	4.76E-09	1.07E-05	1.69E-09	5.89E-10	8.31E-05	1.31E-08	4.56E-09	5.07E-06	7.99E-10	2.78E-10
3425	488863.09, 3848877.25	8.74E-05	1.38E-08	4.80E-09	9.33E-06	1.47E-09	5.12E-10	8.90E-05	1.40E-08	4.88E-09	1.07E-05	1.69E-09	5.89E-10	8.53E-05	1.34E-08	4.68E-09	5.09E-06	8.02E-10	2.79E-10
3426	489363.09, 3848877.25	9.13E-05	1.44E-08	5.01E-09	9.58E-06	1.51E-09	5.26E-10	9.29E-05	1.46E-08	5.10E-09	1.10E-05	1.74E-09	6.04E-10	8.92E-05	1.40E-08	4.89E-09	5.24E-06	8.25E-10	2.87E-10
3427	489863.09, 3848877.25	9.46E-05	1.49E-08	5.19E-09	1.01E-05	1.59E-09	5.55E-10	9.62E-05	1.52E-08	5.28E-09	1.16E-05	1.83E-09	6.38E-10	9.23E-05	1.45E-08	5.07E-09	5.51E-06	8.68E-10	3.03E-10
3428	490363.09, 3848877.25	9.23E-05	1.45E-08	5.06E-09	1.01E-05	1.58E-09	5.52E-10	9.39E-05	1.48E-08	5.15E-09	1.16E-05	1.82E-09	6.35E-10	8.99E-05	1.42E-08	4.94E-09	5.48E-06	8.63E-10	3.01E-10
3429	490863.09, 3848877.25	9.21E-05	1.45E-08	5.06E-09	1.01E-05	1.60E-09	5.56E-10	9.38E-05	1.48E-08	5.15E-09	1.17E-05	1.84E-09	6.40E-10	8.98E-05	1.41E-08	4.93E-09	5.52E-06	8.70E-10	3.03E-10
3430	491363.09, 3848877.25	9.37E-05	1.48E-08	5.14E-09	1.03E-05	1.63E-09	5.67E-10	9.54E-05	1.50E-08	5.24E-09	1.19E-05	1.87E-09	6.52E-10	9.13E-05	1.44E-08	5.01E-09	5.63E-06	8.86E-10	3.09E-10
3431	491863.09, 3848877.25	9.27E-05	1.46E-08	5.09E-09	1.02E-05	1.61E-09	5.60E-10	9.44E-05	1.49E-08	5.18E-09	1.17E-05	1.85E-09	6.45E-10	9.04E-05	1.42E-08	4.96E-09	5.57E-06	8.77E-10	3.05E-10
3432	492363.09, 3848877.25	9.09E-05	1.43E-08	4.99E-09	1.01E-05	1.59E-09	5.54E-10	9.25E-05	1.46E-08	5.08E-09	1.16E-05	1.83E-09	6.37E-10	8.85E-05	1.39E-08	4.86E-09	5.50E-06	8.67E-10	3.02E-10
3433	492863.09, 3848877.25	8.75E-05	1.38E-08	4.80E-09	9.74E-06	1.53E-09	5.35E-10	8.91E-05	1.40E-08	4.89E-09	1.12E-05	1.77E-09	6.15E-10	8.53E-05	1.34E-08	4.68E-09	5.31E-06	8.36E-10	2.91E-10
3434	493363.09, 3848877.25	8.62E-05	1.36E-08	4.73E-09	9.48E-06	1.49E-09	5.20E-10	8.77E-05	1.38E-08	4.82E-09	1.09E-05	1.72E-09	5.98E-10	8.40E-05	1.32E-08	4.61E-09	5.17E-06	8.14E-10	2.84E-10
3435	493863.09, 3848877.25	9.11E-05	1.44E-08	5.00E-09	1.01E-05	1.59E-09	5.53E-10	9.28E-05	1.46E-08	5.09E-09	1.16E-05	1.83E-09	6.36E-10	8.88E-05	1.40E-08	4.88E-09	5.49E-06	8.65E-10	3.01E-10
3436	494363.09, 3848877.25	9.55E-05	1.50E-08	5.24E-09	1.06E-05	1.67E-09	5.83E-10	9.72E-05	1.53E-08	5.34E-09	1.22E-05	1.92E-09	6.70E-10	9.31E-05	1.47E-08	5.11E-09	5.78E-06	9.10E-10	3.17E-10
3437	494863.09, 3848877.25	1.03E-04	1.62E-08	5.64E-09	1.16E-05	1.84E-09	6.39E-10	1.05E-04	1.65E-08	5.74E-09	1.34E-05	2.11E-09	7.35E-10	1.00E-04	1.58E-08	5.49E-09	6.33E-06	9.97E-10	3.47E-10
3438	495363.09, 3848877.25	1.10E-04	1.73E-08	6.02E-09	1.26E-05	1.99E-09	6.92E-10	1.12E-04	1.76E-08	6.13E-09	1.45E-05	2.29E-09	7.96E-10	1.07E-04	1.68E-08	5.85E-09	6.85E-06	1.08E-09	3.76E-10
3439	495863.09, 3848877.25	1.11E-04	1.74E-08	6.07E-09	1.27E-05	2.00E-09	6.95E-10	1.13E-04	1.78E-08	6.19E-09	1.46E-05	2.30E-09	8.00E-10	1.08E-04	1.69E-08	5.90E-09	6.89E-06	1.09E-09	3.78E-10
3440	496363.09, 3848877.25	1.18E-04	1.86E-08	6.48E-09	1.36E-05	2.15E-09	7.48E-10	1.20E-04	1.90E-08	6.61E-09	1.57E-05	2.47E-09	8.60E-10	1.15E-04	1.81E-08	6.30E-09	7.40E-06	1.17E-09	4.06E-10
3441	496863.09, 3848877.25	1.32E-04	2.09E-08	7.27E-09	1.57E-05	2.48E-09	8.64E-10	1.35E-04	2.13E-08	7.41E-09	1.81E-05	2.85E-09	9.94E-10	1.28E-04	2.02E-08	7.04E-09	8.53E-06	1.34E-09	4.68E-10
3442	497363.09, 3848877.25	1.58E-04	2.49E-08	8.67E-09	2.01E-05	3.17E-09	1.10E-09	1.61E-04	2.54E-08	8.85E-09	2.32E-05	3.65E-09	1.27E-09	1.52E-04	2.40E-08	8.36E-09	1.09E-05	1.71E-09	5.96E-10
3443	497863.09, 3848877.25	1.72E-04	2.71E-08	9.45E-09	2.30E-05	3.63E-09	1.26E-09	1.76E-04	2.77E-08	9.66E-09	2.65E-05	4.18E-09	1.46E-09	1.66E-04	2.61E-08	9.08E-09	1.24E-05	1.95E-09	6.79E-10
3444	498363.09, 3848877.25	1.83E-04	2.89E-08	1.01E-08	2.57E-05	4.05E-09	1.41E-09	1.88E-04	2.95E-08	1.03E-08	2.97E-05	4.67E-09	1.63E-09	1.76E-04	2.77E-08	9.63E-09	1.38E-05	2.17E-09	7.57E-10
3445	471363.09, 3849377.25	1.91E-04	3.01E-08	1.05E-08	2.28E-05	3.60E-09	1.25E-09	1.95E-04	3.07E-08	1.07E-08	2.64E-05	4.16E-09	1.45E-09	1.87E-04	2.95E-08	1.03E-08	1.20E-05	1.90E-09	6.60E-10
3446	471863.09, 3849377.25	2.04E-04	3.22E-08	1.12E-08	2.44E-05	3.85E-09	1.34E-09	2.08E-04	3.28E-08	1.14E-08	2.82E-05	4.45E-09	1.55E-09	2.00E-04	3.15E-08	1.10E-08	1.29E-05	2.02E-09	7.05E-10
3447	472363.09, 3849377.25	2.12E-04	3.33E-08	1.16E-08	2.64E-05	4.16E-09	1.45E-09	2.16E-04	3.40E-08	1.19E-08	3.05E-05	4.81E-09	1.68E-09	2.06E-04	3.25E-08	1.13E-08	1.39E-05	2.19E-09	7.62E-10
3448	472863.09, 3849377.25	2.18E-04	3.44E-08	1.20E-08	2.92E-05	4.60E-09	1.60E-09	2.23E-04	3.52E-08	1.23E-08	3.37E-05	5.32E-09	1.85E-09	2.12E-04	3.34E-08	1.16E-08	1.53E-05	2.42E-09	8.42E-10
3449	473363.09, 3849377.25	2.22E-04	3.49E-08	1.22E-08	3.19E-05	5.03E-09	1.75E-09	2.27E-04	3.58E-08	1.25E-08	3.69E-05	5.81E-09	2.03E-09	2.14E-04	3.37E-08	1.17E-08	1.68E-05	2.64E-09	9.20E-10
3450	473863.09, 3849377.25	2.25E-04	3.55E-08	1.24E-08	3.35E-05	5.28E-09	1.84E-09	2.31E-04	3.64E-08	1.27E-08	3.88E-05	6.11E-09	2.13E-09	2.17E-04	3.41E-08	1.19E-08	1.76E-05	2.77E-09	9.66E-10
3451	474363.09, 3849377.25	2.28E-04	3.59E-08	1.25E-08	3.41E-05	5.37E-09	1.87E-09	2.33E-04	3.68E-08	1.28E-08	3.94E-05	6.21E-09	2.16E-09	2.19E-04	3.44E-08	1.20E-08	1.79E-05	2.82E-09	9.82E-10
3452	474863.09, 3849377.25	2.26E-04	3.56E-08	1.24E-08	3.44E-05	5.42E-09	1.89E-09	2.32E-04	3.65E-08	1.27E-08	3.98E-05	6.27E-09	2.19E-09	2.16E-04	3.41E-08	1.19E-08	1.81E-05	2.85E-09	9.91E-10
3453	475363.09, 3849377.25	2.19E-04	3.44E-08	1.20E-08	3.45E-05	5.43E-09	1.89E-09	2.24E-04	3.54E-08	1.23E-08	3.99E-05	6.28E-09	2.19E-09	2.09E-04	3.29E-08	1.15E-08	1.81E-05	2.85E-09	9.92E-10
3454	475863.09, 3849377.25	2.23E-04	3.52E-08	1.23E-08	3.44E-05	5.42E-09	1.89E-09	2.29E-04	3.61E-08	1.26E-08	3.98E-05	6.27E-09	2.19E-09	2.14E-04	3.37E-08	1.17E-08	1.81E-05	2.85E-09	9.91E-10
3455	476363.09, 3849377.25	2.46E-04	3.88E-08	1.35E-08	3.43E-05	5.41E-09	1.88E-09	2.52E-04	3.97E-08	1.38E-08	3.97E-05	6.25E-09	2.18E-09	2.38E-04	3.75E-08	1.31E-08	1.80E-05	2.84E-09	9.88E-10
3456	476863.09, 3849377.25	2.69E-04	4.24E-08	1.48E-08	3.36E-05	5.29E-09	1.84E-09	2.75E-04	4.33E-08	1.51E-08	3.88E-05	6.12E-09	2.13E-09	2.62E-04	4.13E-08	1.44E-08	1.76E-05	2.78E-09	9.68E-10
3457	477363.09, 3849377.25	2.76E-04	4.35E-08	1.51E-08	3.15E-05	4.96E-09	1.73E-09	2.81E-04	4.43E-08	1.54E-08	3.64E-05	5.74E-09	2.00E-09	2.71E-04	4.27E-08	1.49E-08	1.65E-05	2.61E-09	9.08E-10
3458	477863.09, 3849377.25	2.69E-04	4.23E-08	1.48E-08	3.07E-05	4.83E-09	1.68E-09	2.74E-04	4.32E-08	1.50E-08	3.54E-05	5.58E-09	1.95E-09	2.64E-04	4.16E-08	1.45E-08	1.61E-05	2.54E-09	8.84E-10
3459	478363.09, 3849377.25	2.65E-04	4.18E-08	1.45E-08	3.71E-05	5.85E-09	2.04E-09	2.71E-04	4.28E-08	1.49E-08	4.29E-05	6.77E-09	2.36E-09	2.56E-04	4.03E-08	1.41E-08	1.95E-05	3.07E-09	1.07E-09
3460	478863.09, 3849377.25	2.45E-04	3.86E-08	1.34E-08	4.90E-05	7.72E-09	2.69E-09	2.53E-04	3.99E-08	1.39E-08	5.67E-05	8.93E-09	3.11E-09	2.27E-04	3.58E-08	1.25E-08	2.56E-05	4.04E-09	1.41E-09
3461	479363.09, 3849377.25	2.22E-04	3.49E-08	1.22E-08	5.09E-05	8.03E-09	2.80E-09	2.31E-04	3.63E-08	1.27E-08	5.89E-05	9.29E-09	3.24E-09	2.02E-04	3.18E-08	1.11E-08	2.67E-05	4.20E-09	1.46E-09
3462	479863.09, 3849377.25	1.86E-04	2.92E-08	1.02E-08	4.07E-05	6.40E-09	2.23E-09	1.92E-04	3.03E-08	1.06E-08	4.70E-05	7.41E-09	2.58E-09	1.70E-04	2.68E-08	9.32E-09	2.13E-05	3.36E-09	1.17E-09
3463	480363.09, 3849377.25	1.91E-04	3.00E-08	1.05E-08	3.48E-05	5.49E-09	1.91E-09	1.97E-04	3.10E-08	1.08E-08	4.03E-05	6.34E-09	2.21E-09	1.79E-04	2.81E-08	9.80E-09	1.84E-05	2.89E-09	1.01E-09
3464	480863.09, 3849377.25	1.77E-04	2.79E-08	9.71E-09	3.21E-05	5.05E-09	1.76E-09	1.82E-04	2.87E-08	1.00E-08	3.71E-05	5.84E-09	2.03E-09	1.66E-04	2.61E-08	9.09E-09	1.69E-05	2.67E-09	9.30E-10
3465	481363.09, 3849377.25	1.48E-04	2.32E-08	8.10E-09	2.57E-05	4.04E-09	1.41E-09	1.52E-04	2.39E-08	8.34E-09	2.97E-05	4.67E-09	1.63E-09	1.39E-04	2.19E-08	7.62E-09	1.36E-05	2.14E-09	7.45E-10
3466	481863.09, 3849377.25	1.18E-04	1.86E-08	6.47E-09	1.83E-05	2.89E-09	1.01E-09	1.21E-04	1.91E-08	6.64E-09	2.12E-05	3.33E-09	1.16E-09	1.12E-04	1.77E-08	6.16E-09	9.74E-06	1.53E-09	5.34E-10
3467	482363.09, 3849377.25	1.09E-04	1.72E-08	5.98E-09	1.56E-05	2.45E-09	8.54E-10	1.12E-04	1.76E-08	6.12E-09	1.80E-05	2.83E-09	9.85E-10	1.04E-04	1.64E-08	5.73E-09	8.30E-06	1.31E-09	4.55E-10
3468	482863.09, 3849377.25	9.71E-05	1.53E-08	5.33E-09	1.26E-05	1.99E-09	6.94E-10	9.92E-05	1.56E-08	5.45E-09	1.46E-05	2.30E-09	8.00E-10	9.37E-05	1.48E-08	5.14E-09	6.78E-06	1.07E-09	3.72E-10
3469	483363.09, 3849377.25	9.35E-05	1.47E-08	5.13E-09	1.16E-05	1.82E-09	6.34E-10	9.54E-05	1.50E-08	5.24E-09	1.33E-05	2.10E-09	7.31E-10	9.05E-05	1.43E-08	4.97E-09	6.22E-06	9.80E-10	3.41E-10
3470	483863.09, 3849377.25	8.88E-05	1.40E-08	4.88E-09	1.04E-05	1.64E-09	5.73E-10	9.06E-05	1.43E-08	4.97E-09	1.20E-05	1.89E-09	6.59E-10	8.62E-05	1.36E-08	4.73E-09	5.65E-06	8.90E-10	3.10E-10
3471	484363.09, 3849377.25	1.06E-04	1.67E-08	5.83E-09	1.45E-05	2.29E-09	7.97E-10	1.09E-04	1.71E-08	5.96E-09	1.67E-05	2.64E-09	9.19E-10	1.02E-04	1.60E-08	5.59E-09	7.80E-06	1.23E-09	4.28E-10
3472	484863.09, 3849377.25	1.20E-04	1.90E-08	6.61E-09	1.72E-05	2.71E-09	9.44E-10	1.23E-04	1.94E-08	6.77E-09	1.98E-05	3.12E-09	1.09E-09	1.15E-04	1.81E-08	6.32E-09	9.21E-06	1.45E-09	5.05E-10
3473	485363.09, 3849377.25	1.24E-04	1.95E-08	6.80E-09	1.67E-05	2.63E-09	9.15E-10	1.27E-04	1.99E-08	6.95E-09	1.92E-05	3.03E-09	1.05E-09	1.19E-04	1.87E-08	6.52E-09	8.96E-06	1.41E-09	4.92E-10
3474	485863.09, 3849377.25	1.05E-04	1.66E-08	5.77E-09	1.22E-05	1.92E-09	6.68E-10	1.07E-04	1.69E-08	5.88E-09	1.40E-05	2.21E-09	7.69E-10	1.02E-04	1.61E-08	5.60E-09	6.62E-06	1.04E-09	3.63E-10
3475	486363.09, 3849377.25	9.22E-05	1.45E-08	5.06E-09	9.98E-06	1.57E-09	5.48E-10	9.38E-05	1.48E-08	5.15E-09	1.15E-05	1.81E-09	6.30E-10	8.99E-05	1.42E-08	4.93E-09	5.44E-06	8.57E-10	2.98E-10
3476	486863.09, 3849377.25	9.76E-05	1.54E-08	5.36E-09	1.16E-05	1.83E-09	6.39E-10	9.95E-05	1.57E-08	5.46E-09	1.34E-05	2.11E-09	7.36E-10	9.47E-05	1.49E-08	5.19E-09	6.29E-06	9.91E-10	3.45E-10
3477	487363.09, 3849377.25	9.56E-05	1.51E-08	5.25E-09	1.14E-05	1.80E-09	6.26E-10	9.75E-05	1.54E-08	5.35E-09	1.31E-05	2.07E-09	7.21E-10	9.28E-05	1.46E-08	5.10E-09	6.15E-06	9.69E-10	3.38E-10
3478	487863.09, 3849377.25	9.37E-05	1.48E-08	5.14E-09	1.11E-05	1.75E-09	6.11E-10	9.55E-05	1.50E-08	5.24E-09	1.28E-05	2.02E-09	7.04E-10	9.10E-05	1.43E-08	4.99E-09	6.02E-06	9.48E-10	3.30E-10
3479	488363.09, 3849377.25	9.57E-05	1.51E-08	5.25E-09	1.10E-05	1.73E-09	6.03E-10	9.75E-05	1.54E-08	5.35E-09	1.26E-05	1.99E-09	6.94E-10	9.31E-05	1.47E-08	5.11E-09	5.95E-06	9.37E-10	3.26E-10
3480	488863.09, 3849377.25	9.99E-05	1.57E-08	5.48E-09	1.14E-05	1.79E-09	6.23E-10	1.02E-04	1.60E-08	5.59E-09	1.31E-05	2.06E-09	7.17E-10	9.72E-05	1.53E-08	5.33E-09	6.16E-06	9.71E-10	3.38E-10

3481	489363.09, 3849377.25	1.04E-04	1.64E-08	5.73E-09	1.18E-05	1.86E-09	6.47E-10	1.06E-04	1.67E-08	5.83E-09	1.36E-05	2.14E-09	7.45E-10	1.01E-04	1.60E-08	5.57E-09	6.41E-06	1.01E-09	3.52E-10
3482	489863.09, 3849377.25	1.06E-04	1.66E-08	5.80E-09	1.20E-05	1.89E-09	6.60E-10	1.08E-04	1.70E-08	5.91E-09	1.38E-05	2.18E-09	7.59E-10	1.03E-04	1.62E-08	5.64E-09	6.53E-06	1.03E-09	3.58E-10
3483	490363.09, 3849377.25	1.03E-04	1.62E-08	5.64E-09	1.18E-05	1.86E-09	6.49E-10	1.05E-04	1.65E-08	5.74E-09	1.36E-05	2.14E-09	7.47E-10	9.98E-05	1.57E-08	5.48E-09	6.42E-06	1.01E-09	3.53E-10
3484	490863.09, 3849377.25	1.04E-04	1.64E-08	5.72E-09	1.20E-05	1.90E-09	6.60E-10	1.06E-04	1.67E-08	5.83E-09	1.38E-05	2.18E-09	7.60E-10	1.01E-04	1.59E-08	5.55E-09	6.54E-06	1.03E-09	3.59E-10
3485	491363.09, 3849377.25	1.06E-04	1.67E-08	5.83E-09	1.22E-05	1.92E-09	6.69E-10	1.08E-04	1.71E-08	5.94E-09	1.40E-05	2.21E-09	7.69E-10	1.03E-04	1.63E-08	5.67E-09	6.62E-06	1.04E-09	3.63E-10
3486	491863.09, 3849377.25	1.04E-04	1.64E-08	5.70E-09	1.19E-05	1.88E-09	6.56E-10	1.06E-04	1.67E-08	5.81E-09	1.37E-05	2.17E-09	7.54E-10	1.01E-04	1.59E-08	5.54E-09	6.49E-06	1.02E-09	3.56E-10
3487	492363.09, 3849377.25	1.02E-04	1.60E-08	5.59E-09	1.18E-05	1.86E-09	6.47E-10	1.04E-04	1.64E-08	5.70E-09	1.36E-05	2.14E-09	7.44E-10	9.90E-05	1.56E-08	5.43E-09	6.40E-06	1.01E-09	3.51E-10
3488	492863.09, 3849377.25	9.76E-05	1.54E-08	5.35E-09	1.11E-05	1.76E-09	6.12E-10	9.94E-05	1.57E-08	5.46E-09	1.28E-05	2.02E-09	7.04E-10	9.49E-05	1.50E-08	5.21E-09	6.06E-06	9.55E-10	3.33E-10
3489	493363.09, 3849377.25	9.97E-05	1.57E-08	5.47E-09	1.14E-05	1.80E-09	6.26E-10	1.02E-04	1.60E-08	5.58E-09	1.31E-05	2.07E-09	7.20E-10	9.71E-05	1.53E-08	5.33E-09	6.20E-06	9.76E-10	3.40E-10
3490	493863.09, 3849377.25	1.04E-04	1.64E-08	5.70E-09	1.19E-05	1.88E-09	6.53E-10	1.06E-04	1.67E-08	5.80E-09	1.37E-05	2.16E-09	7.52E-10	1.01E-04	1.59E-08	5.54E-09	6.46E-06	1.02E-09	3.55E-10
3491	494363.09, 3849377.25	1.12E-04	1.76E-08	6.13E-09	1.30E-05	2.05E-09	7.16E-10	1.14E-04	1.79E-08	6.25E-09	1.50E-05	2.36E-09	8.24E-10	1.09E-04	1.71E-08	5.96E-09	7.07E-06	1.11E-09	3.88E-10
3492	494863.09, 3849377.25	1.28E-04	2.01E-08	7.01E-09	1.56E-05	2.45E-09	8.55E-10	1.30E-04	2.05E-08	7.15E-09	1.79E-05	2.83E-09	9.84E-10	1.24E-04	1.95E-08	6.78E-09	8.42E-06	1.33E-09	4.62E-10
3493	495363.09, 3849377.25	1.38E-04	2.17E-08	7.56E-09	1.72E-05	2.71E-09	9.44E-10	1.41E-04	2.22E-08	7.72E-09	1.98E-05	3.12E-09	1.09E-09	1.33E-04	2.10E-08	7.31E-09	9.29E-06	1.46E-09	5.10E-10
3494	495863.09, 3849377.25	1.28E-04	2.01E-08	7.02E-09	1.52E-05	2.40E-09	8.35E-10	1.30E-04	2.05E-08	7.15E-09	1.75E-05	2.76E-09	9.61E-10	1.24E-04	1.95E-08	6.80E-09	8.25E-06	1.30E-09	4.53E-10
3495	496363.09, 3849377.25	1.32E-04	2.09E-08	7.27E-09	1.58E-05	2.49E-09	8.67E-10	1.35E-04	2.13E-08	7.41E-09	1.82E-05	2.86E-09	9.97E-10	1.28E-04	2.02E-08	7.05E-09	8.56E-06	1.35E-09	4.70E-10
3496	496863.09, 3849377.25	1.63E-04	2.56E-08	8.93E-09	2.10E-05	3.31E-09	1.15E-09	1.66E-04	2.62E-08	9.13E-09	2.42E-05	3.82E-09	1.33E-09	1.57E-04	2.47E-08	8.61E-09	1.13E-05	1.79E-09	6.22E-10
3497	497363.09, 3849377.25	1.77E-04	2.78E-08	9.70E-09	2.38E-05	3.75E-09	1.31E-09	1.81E-04	2.85E-08	9.92E-09	2.74E-05	4.32E-09	1.51E-09	1.70E-04	2.68E-08	9.32E-09	1.28E-05	2.02E-09	7.02E-10
3498	497863.09, 3849377.25	2.11E-04	3.32E-08	1.16E-08	3.14E-05	4.94E-09	1.72E-09	2.16E-04	3.40E-08	1.19E-08	3.62E-05	5.70E-09	1.99E-09	2.01E-04	3.17E-08	1.10E-08	1.67E-05	2.64E-09	9.19E-10
3499	498363.09, 3849377.25	2.11E-04	3.33E-08	1.16E-08	3.15E-05	4.96E-09	1.73E-09	2.16E-04	3.41E-08	1.19E-08	3.63E-05	5.72E-09	1.99E-09	2.01E-04	3.17E-08	1.10E-08	1.68E-05	2.65E-09	9.22E-10
3500	471363.09, 3849877.25	1.70E-04	2.68E-08	9.34E-09	2.11E-05	3.32E-09	1.16E-09	1.74E-04	2.74E-08	9.54E-09	2.44E-05	3.84E-09	1.34E-09	1.66E-04	2.61E-08	9.10E-09	1.11E-05	1.75E-09	6.11E-10
3501	471863.09, 3849877.25	1.98E-04	3.12E-08	1.09E-08	2.38E-05	3.75E-09	1.31E-09	2.02E-04	3.18E-08	1.11E-08	2.75E-05	4.34E-09	1.51E-09	1.94E-04	3.05E-08	1.06E-08	1.25E-05	1.98E-09	6.89E-10
3502	472363.09, 3849877.25	2.19E-04	3.45E-08	1.20E-08	2.59E-05	4.08E-09	1.42E-09	2.24E-04	3.52E-08	1.23E-08	2.99E-05	4.71E-09	1.64E-09	2.15E-04	3.38E-08	1.18E-08	1.36E-05	2.15E-09	7.47E-10
3503	472863.09, 3849877.25	2.31E-04	3.63E-08	1.27E-08	2.77E-05	4.37E-09	1.52E-09	2.35E-04	3.71E-08	1.29E-08	3.21E-05	5.05E-09	1.76E-09	2.26E-04	3.56E-08	1.24E-08	1.46E-05	2.30E-09	8.00E-10
3504	473363.09, 3849877.25	2.36E-04	3.72E-08	1.30E-08	3.00E-05	4.73E-09	1.65E-09	2.41E-04	3.80E-08	1.32E-08	3.47E-05	5.47E-09	1.91E-09	2.30E-04	3.62E-08	1.26E-08	1.58E-05	2.49E-09	8.66E-10
3505	473863.09, 3849877.25	2.43E-04	3.84E-08	1.34E-08	3.32E-05	5.23E-09	1.82E-09	2.49E-04	3.92E-08	1.37E-08	3.84E-05	6.04E-09	2.11E-09	2.36E-04	3.71E-08	1.29E-08	1.74E-05	2.74E-09	9.56E-10
3506	474363.09, 3849877.25	2.48E-04	3.91E-08	1.36E-08	3.62E-05	5.70E-09	1.98E-09	2.54E-04	4.01E-08	1.40E-08	4.18E-05	6.59E-09	2.30E-09	2.39E-04	3.76E-08	1.31E-08	1.90E-05	2.99E-09	1.04E-09
3507	474863.09, 3849877.25	2.52E-04	3.97E-08	1.38E-08	3.80E-05	5.98E-09	2.08E-09	2.58E-04	4.07E-08	1.42E-08	4.39E-05	6.92E-09	2.41E-09	2.42E-04	3.81E-08	1.33E-08	1.99E-05	3.14E-09	1.09E-09
3508	475363.09, 3849877.25	2.49E-04	3.92E-08	1.36E-08	3.86E-05	6.09E-09	2.12E-09	2.55E-04	4.02E-08	1.40E-08	4.47E-05	7.04E-09	2.45E-09	2.38E-04	3.75E-08	1.31E-08	2.03E-05	3.19E-09	1.11E-09
3509	475863.09, 3849877.25	2.45E-04	3.85E-08	1.34E-08	3.90E-05	6.14E-09	2.14E-09	2.51E-04	3.96E-08	1.38E-08	4.51E-05	7.10E-09	2.47E-09	2.33E-04	3.68E-08	1.28E-08	2.04E-05	3.22E-09	1.12E-09
3510	476363.09, 3849877.25	2.47E-04	3.90E-08	1.36E-08	3.90E-05	6.15E-09	2.14E-09	2.54E-04	4.00E-08	1.39E-08	4.52E-05	7.11E-09	2.48E-09	2.36E-04	3.72E-08	1.30E-08	2.05E-05	3.23E-09	1.12E-09
3511	476863.09, 3849877.25	2.77E-04	4.37E-08	1.52E-08	3.90E-05	6.15E-09	2.14E-09	2.84E-04	4.47E-08	1.56E-08	4.52E-05	7.11E-09	2.48E-09	2.68E-04	4.22E-08	1.47E-08	2.05E-05	3.23E-09	1.12E-09
3512	477363.09, 3849877.25	3.24E-04	5.10E-08	1.78E-08	3.87E-05	6.10E-09	2.13E-09	3.30E-04	5.20E-08	1.81E-08	4.48E-05	7.06E-09	2.46E-09	3.17E-04	4.99E-08	1.74E-08	2.03E-05	3.20E-09	1.12E-09
3513	477863.09, 3849877.25	3.38E-04	5.32E-08	1.85E-08	3.72E-05	5.86E-09	2.04E-09	3.44E-04	5.42E-08	1.89E-08	4.30E-05	6.77E-09	2.36E-09	3.33E-04	5.24E-08	1.83E-08	1.95E-05	3.07E-09	1.07E-09
3514	478363.09, 3849877.25	3.16E-04	4.98E-08	1.74E-08	3.55E-05	5.59E-09	1.95E-09	3.22E-04	5.08E-08	1.77E-08	4.10E-05	6.46E-09	2.25E-09	3.11E-04	4.90E-08	1.71E-08	1.86E-05	2.93E-09	1.02E-09
3515	478863.09, 3849877.25	3.14E-04	4.95E-08	1.72E-08	4.25E-05	6.69E-09	2.33E-09	3.21E-04	5.06E-08	1.76E-08	4.91E-05	7.74E-09	2.70E-09	3.04E-04	4.80E-08	1.67E-08	2.23E-05	3.51E-09	1.22E-09
3516	479363.09, 3849877.25	2.85E-04	4.49E-08	1.56E-08	5.69E-05	8.96E-09	3.12E-09	2.95E-04	4.64E-08	1.62E-08	6.58E-05	1.04E-08	3.61E-09	2.65E-04	4.17E-08	1.45E-08	2.98E-05	4.69E-09	1.63E-09
3517	479863.09, 3849877.25	2.76E-04	4.35E-08	1.51E-08	6.24E-05	9.83E-09	3.42E-09	2.87E-04	4.52E-08	1.57E-08	7.22E-05	1.14E-08	3.96E-09	2.52E-04	3.97E-08	1.38E-08	3.26E-05	5.14E-09	1.79E-09
3518	480363.09, 3849877.25	2.32E-04	3.65E-08	1.27E-08	5.11E-05	8.05E-09	2.80E-09	2.40E-04	3.79E-08	1.32E-08	5.91E-05	9.31E-09	3.24E-09	2.12E-04	3.34E-08	1.16E-08	2.68E-05	4.22E-09	1.47E-09
3519	480863.09, 3849877.25	1.89E-04	2.98E-08	1.04E-08	3.62E-05	5.71E-09	1.99E-09	1.96E-04	3.08E-08	1.07E-08	4.19E-05	6.60E-09	2.30E-09	1.76E-04	2.78E-08	9.68E-09	1.91E-05	3.01E-09	1.05E-09
3520	481363.09, 3849877.25	1.74E-04	2.74E-08	9.55E-09	3.20E-05	5.03E-09	1.75E-09	1.79E-04	2.83E-08	9.84E-09	3.69E-05	5.82E-09	2.03E-09	1.63E-04	2.56E-08	8.92E-09	1.69E-05	2.66E-09	9.26E-10
3521	481863.09, 3849877.25	1.27E-04	2.00E-08	6.96E-09	1.99E-05	3.13E-09	1.09E-09	1.30E-04	2.05E-08	7.14E-09	2.29E-05	3.61E-09	1.26E-09	1.21E-04	1.90E-08	6.61E-09	1.06E-05	1.66E-09	5.79E-10
3522	482363.09, 3849877.25	1.14E-04	1.79E-08	6.24E-09	1.62E-05	2.55E-09	8.90E-10	1.16E-04	1.83E-08	6.39E-09	1.87E-05	2.95E-09	1.03E-09	1.09E-04	1.72E-08	5.98E-09	8.65E-06	1.36E-09	4.75E-10
3523	482863.09, 3849877.25	1.04E-04	1.64E-08	5.70E-09	1.38E-05	2.17E-09	7.56E-10	1.06E-04	1.67E-08	5.83E-09	1.59E-05	2.50E-09	8.72E-10	1.00E-04	1.58E-08	5.50E-09	7.38E-06	1.16E-09	4.05E-10
3524	483363.09, 3849877.25	9.72E-05	1.53E-08	5.33E-09	1.22E-05	1.92E-09	6.67E-10	9.92E-05	1.56E-08	5.44E-09	1.40E-05	2.21E-09	7.69E-10	9.40E-05	1.48E-08	5.16E-09	6.54E-06	1.03E-09	3.59E-10
3525	483863.09, 3849877.25	9.79E-05	1.54E-08	5.37E-09	1.23E-05	1.93E-09	6.73E-10	9.99E-05	1.57E-08	5.48E-09	1.41E-05	2.22E-09	7.75E-10	9.47E-05	1.49E-08	5.20E-09	6.60E-06	1.04E-09	3.62E-10
3526	484363.09, 3849877.25	1.14E-04	1.80E-08	6.26E-09	1.63E-05	2.56E-09	8.93E-10	1.17E-04	1.84E-08	6.41E-09	1.88E-05	2.96E-09	1.03E-09	1.09E-04	1.72E-08	5.99E-09	8.71E-06	1.37E-09	4.78E-10
3527	484863.09, 3849877.25	1.36E-04	2.15E-08	7.48E-09	2.14E-05	3.37E-09	1.18E-09	1.40E-04	2.20E-08	7.68E-09	2.47E-05	3.89E-09	1.36E-09	1.29E-04	2.04E-08	7.09E-09	1.14E-05	1.80E-09	6.27E-10
3528	485363.09, 3849877.25	1.35E-04	2.13E-08	7.42E-09	1.90E-05	2.99E-09	1.04E-09	1.38E-04	2.18E-08	7.59E-09	2.19E-05	3.45E-09	1.20E-09	1.29E-04	2.04E-08	7.09E-09	1.02E-05	1.61E-09	5.60E-10
3529	485863.09, 3849877.25	1.21E-04	1.91E-08	6.65E-09	1.50E-05	2.36E-09	8.21E-10	1.24E-04	1.95E-08	6.79E-09	1.72E-05	2.71E-09	9.45E-10	1.17E-04	1.84E-08	6.43E-09	8.09E-06	1.27E-09	4.44E-10
3530	486363.09, 3849877.25	1.12E-04	1.76E-08	6.13E-09	1.34E-05	2.11E-09	7.33E-10	1.14E-04	1.79E-08	6.25E-09	1.54E-05	2.42E-09	8.44E-10	1.08E-04	1.70E-08	5.93E-09	7.23E-06	1.14E-09	3.97E-10
3531	486863.09, 3849877.25	1.14E-04	1.80E-08	6.28E-09	1.45E-05	2.28E-09	7.95E-10	1.17E-04	1.84E-08	6.41E-09	1.67E-05	2.63E-09	9.16E-10	1.11E-04	1.74E-08	6.07E-09	7.80E-06	1.23E-09	4.28E-10
3532	487363.09, 3849877.25	1.10E-04	1.74E-08	6.06E-09	1.37E-05	2.16E-09	7.53E-10	1.13E-04	1.77E-08	6.18E-09	1.58E-05	2.49E-09	8.68E-10	1.07E-04	1.68E-08	5.86E-09	7.38E-06	1.16E-09	4.05E-10
3533	487863.09, 3849877.25	1.06E-04	1.68E-08	5.84E-09	1.33E-05	2.09E-09	7.29E-10	1.09E-04	1.71E-08	5.96E-09	1.53E-05	2.41E-09	8.39E-10	1.03E-04	1.62E-08	5.65E-09	7.14E-06	1.13E-09	3.92E-10
3534	488363.09, 3849877.25	1.09E-04	1.72E-08	6.01E-09	1.33E-05	2.10E-09	7.32E-10	1.12E-04	1.76E-08	6.13E-09	1.54E-05	2.42E-09	8.43E-10	1.06E-04	1.67E-08	5.82E-09	7.20E-06	1.13E-09	3.95E-10
3535	488863.09, 3849877.25	1.15E-04	1.82E-08	6.33E-09	1.40E-05	2.21E-09	7.69E-10	1.18E-04	1.85E-08	6.46E-09	1.61E-05	2.54E-09	8.86E-10	1.12E-04	1.76E-08	6.14E-09	7.57E-06	1.19E-09	4.15E-10
3536	489363.09, 3849877.25	1.20E-04	1.88E-08	6.56E-09	1.44E-05	2.27E-09	7.91E-10	1.22E-04	1.92E-08	6.69E-09	1.66E-05	2.62E-09	9.11E-10	1.16E-04	1.82E-08	6.35E-09	7.80E-06	1.23E-09	4.28E-10
3537	489863.09, 3849877.25	1.19E-04	1.88E-08	6.55E-09	1.44E-05	2.27E-09	7.90E-10	1.22E-04	1.92E-08	6.68E-09	1.66E-05	2.61E-09	9.10E-10	1.16E-04	1.82E-08	6.35E-09	7.79E-06	1.23E-09	4.28E-10
3538	490363.09, 3849877.25	1.17E-04	1.85E-08	6.45E-09	1.43E-05	2.24E-09	7.82E-10	1.20E-04	1.89E-08	6.58E-09	1.64E-05	2.58E-09	9.00E-10	1.14E-04	1.79E-08	6.24E-09	7.71E-06	1.22E-09	4.23E-10
3539	490863.09, 3849877.25	1.21E-04	1.91E-08	6.65E-09	1.46E-05	2.31E-09	8.03E-10	1.23E-04	1.95E-08	6.78E-09	1.68E-05	2.65E-09	9.25E-10	1.17E-04	1.85E-08	6.44E-09	7.92E-06	1.25E-09	4.35E-10
3540	491363.09, 3849877.25	1.23E-04	1.93E-08	6.73E-09	1.49E-05	2.34E-09	8.15E-10	1.25E-04	1.97E-08	6.87E-09	1.71E-05	2.69E-09	9.39E-10	1.19E-04	1.87E-08	6.52E-09	8.03E-06	1.27E-09	4.41E-10
3541	491863.09, 3849877.25	1.20E-04	1.89E-08	6.58E-09	1.45E-05	2.28E-09	7.96E-10	1.22E-04	1.93E-08	6.71E-09	1.67E-05	2.63E-09	9.16E-10	1.16E-04	1.83E-08	6.38E-09	7.84E-06	1.23E-09	4.30E-10
3542	492363.09, 3849877.25	1.19E-04	1.88E-08	6.54E-09	1.47E-05	2.32E-09	8.07E-10	1.22E-04	1.91E-08	6.67E-09	1.69E-05	2.67E-09	9.30E-10	1.15E-04	1.82E-08	6.33E-09	7.95E-06	1.25E-09	4.36E-10
3543	492863.09, 3849877.25	1.18E-04	1.86E-08	6.47E-09	1.45E-05	2.28E-09	7.93E-10	1.20E-04	1.89E-08	6.60E-09	1.66E-05	2.62E-09	9.14E-10	1.14E-04	1.80E-08	6.27E-09	7.81E-06	1.23E-09	4.29E-10
3544	493363.09, 3849877.25	1.18E-04	1.86E-08	6.49E-09	1.42E-05	2.24E-09	7.79E-10	1.21E-04	1.90E-08	6.62E-09	1.63E-05	2.58E-09	8.97E-10	1.15E-04	1.81E-08	6.29E-09	7.68E-06	1.21E-09	4.22E-10
3545	493863.09, 3849877.25	1.22E-04	1.92E-08	6.68E-09	1.47E-05	2.31E-09	8.05E-10	1.24E-04	1.95E-08	6.81E-09	1.69E-05	2.66E-09	9.26E-10	1.18E-04	1.86E-08	6.47E-09	7.93E-06	1.25E-09	4.35E-10
3546	494363.09, 3849877.25	1.43E-04	2.25E-08	7.83E-09	1.83E-05	2.88E-09	1.00E-09	1.46E-04	2.29E-08	7.99E-09	2.11E-05	3.32E-09	1.16E-09	1.38E-04	2.17E-08	7.56E-09	9.85E-06	1.55E-09	5.41E-10
3547	494863.09, 3849877.25	1.62E-04	2.55E-08	8.87E-09	2.14E-05	3.38E-09	1.18E-09	1.65E-04	2.60E-08	9.07E-09	2.47E-05	3.89E-09	1.36E-09	1.56E-04	2.45E-08	8.54E-09	1.15E-05	1.82E-09	6.33E-10

3548	495363.09, 3849877.25	1.58E-04	2.49E-08	8.68E-09	2.04E-05	3.21E-09	1.12E-09	1.61E-04	2.54E-08	8.86E-09	2.34E-05	3.69E-09	1.29E-09	1.52E-04	2.40E-08	8.37E-09	1.10E-05	1.73E-09	6.02E-10
3549	495863.09, 3849877.25	1.80E-04	2.84E-08	9.91E-09	2.42E-05	3.81E-09	1.33E-09	1.84E-04	2.91E-08	1.01E-08	2.79E-05	4.39E-09	1.53E-09	1.74E-04	2.73E-08	9.52E-09	1.30E-05	2.05E-09	7.13E-10
3550	496363.09, 3849877.25	1.94E-04	3.05E-08	1.06E-08	2.67E-05	4.20E-09	1.46E-09	1.98E-04	3.12E-08	1.09E-08	3.07E-05	4.84E-09	1.69E-09	1.86E-04	2.93E-08	1.02E-08	1.43E-05	2.25E-09	7.85E-10
3551	496863.09, 3849877.25	2.03E-04	3.19E-08	1.11E-08	2.88E-05	4.53E-09	1.58E-09	2.08E-04	3.27E-08	1.14E-08	3.32E-05	5.23E-09	1.82E-09	1.94E-04	3.06E-08	1.06E-08	1.54E-05	2.43E-09	8.46E-10
3552	497363.09, 3849877.25	2.30E-04	3.62E-08	1.26E-08	3.51E-05	5.52E-09	1.92E-09	2.36E-04	3.71E-08	1.29E-08	4.05E-05	6.37E-09	2.22E-09	2.19E-04	3.44E-08	1.20E-08	1.87E-05	2.95E-09	1.03E-09
3553	497863.09, 3849877.25	2.44E-04	3.84E-08	1.34E-08	3.85E-05	6.06E-09	2.11E-09	2.50E-04	3.94E-08	1.37E-08	4.44E-05	6.99E-09	2.44E-09	2.31E-04	3.64E-08	1.27E-08	2.05E-05	3.23E-09	1.12E-09
3554	498363.09, 3849877.25	2.45E-04	3.86E-08	1.34E-08	3.83E-05	6.03E-09	2.10E-09	2.51E-04	3.96E-08	1.38E-08	4.42E-05	6.96E-09	2.43E-09	2.33E-04	3.66E-08	1.28E-08	2.04E-05	3.21E-09	1.12E-09
3555	471363.09, 3850377.25	1.38E-04	2.17E-08	7.56E-09	1.89E-05	2.98E-09	1.04E-09	1.41E-04	2.22E-08	7.74E-09	2.18E-05	3.44E-09	1.20E-09	1.33E-04	2.09E-08	7.29E-09	1.00E-05	1.58E-09	5.49E-10
3556	471863.09, 3850377.25	1.74E-04	2.74E-08	9.53E-09	2.26E-05	3.56E-09	1.24E-09	1.78E-04	2.80E-08	9.74E-09	2.61E-05	4.11E-09	1.43E-09	1.69E-04	2.66E-08	9.25E-09	1.19E-05	1.88E-09	6.54E-10
3557	472363.09, 3850377.25	1.96E-04	3.08E-08	1.07E-08	2.45E-05	3.86E-09	1.34E-09	2.00E-04	3.15E-08	1.10E-08	2.83E-05	4.46E-09	1.55E-09	1.91E-04	3.01E-08	1.05E-08	1.29E-05	2.03E-09	7.08E-10
3558	472863.09, 3850377.25	2.33E-04	3.67E-08	1.28E-08	2.74E-05	4.32E-09	1.51E-09	2.38E-04	3.74E-08	1.30E-08	3.17E-05	5.00E-09	1.74E-09	2.28E-04	3.60E-08	1.25E-08	1.44E-05	2.28E-09	7.93E-10
3559	473363.09, 3850377.25	2.40E-04	3.77E-08	1.31E-08	2.91E-05	4.58E-09	1.60E-09	2.45E-04	3.85E-08	1.34E-08	3.36E-05	5.30E-09	1.85E-09	2.34E-04	3.69E-08	1.29E-08	1.53E-05	2.41E-09	8.40E-10
3560	473863.09, 3850377.25	2.53E-04	3.99E-08	1.39E-08	3.14E-05	4.95E-09	1.72E-09	2.59E-04	4.07E-08	1.42E-08	3.63E-05	5.72E-09	1.99E-09	2.47E-04	3.89E-08	1.36E-08	1.65E-05	2.60E-09	9.06E-10
3561	474363.09, 3850377.25	2.66E-04	4.19E-08	1.46E-08	3.45E-05	5.43E-09	1.89E-09	2.72E-04	4.29E-08	1.49E-08	3.99E-05	6.28E-09	2.19E-09	2.59E-04	4.08E-08	1.42E-08	1.81E-05	2.85E-09	9.94E-10
3562	474863.09, 3850377.25	2.73E-04	4.31E-08	1.50E-08	3.81E-05	6.00E-09	2.09E-09	2.80E-04	4.41E-08	1.54E-08	4.41E-05	6.94E-09	2.42E-09	2.64E-04	4.17E-08	1.45E-08	2.00E-05	3.15E-09	1.10E-09
3563	475363.09, 3850377.25	2.80E-04	4.41E-08	1.54E-08	4.14E-05	6.52E-09	2.27E-09	2.87E-04	4.52E-08	1.58E-08	4.79E-05	7.54E-09	2.63E-09	2.69E-04	4.24E-08	1.48E-08	2.17E-05	3.42E-09	1.19E-09
3564	475863.09, 3850377.25	2.80E-04	4.41E-08	1.54E-08	4.34E-05	6.84E-09	2.38E-09	2.87E-04	4.53E-08	1.58E-08	5.03E-05	7.92E-09	2.76E-09	2.68E-04	4.22E-08	1.47E-08	2.28E-05	3.59E-09	1.25E-09
3565	476363.09, 3850377.25	2.75E-04	4.33E-08	1.51E-08	4.43E-05	6.98E-09	2.43E-09	2.82E-04	4.45E-08	1.55E-08	5.13E-05	8.08E-09	2.81E-09	2.62E-04	4.13E-08	1.44E-08	2.32E-05	3.66E-09	1.27E-09
3566	476863.09, 3850377.25	2.77E-04	4.36E-08	1.52E-08	4.46E-05	7.03E-09	2.45E-09	2.84E-04	4.48E-08	1.56E-08	5.16E-05	8.13E-09	2.83E-09	2.64E-04	4.15E-08	1.45E-08	2.34E-05	3.68E-09	1.28E-09
3567	477363.09, 3850377.25	3.09E-04	4.86E-08	1.69E-08	4.48E-05	7.05E-09	2.46E-09	3.16E-04	4.99E-08	1.74E-08	5.18E-05	8.16E-09	2.84E-09	2.98E-04	4.69E-08	1.63E-08	2.35E-05	3.70E-09	1.29E-09
3568	477863.09, 3850377.25	3.61E-04	5.68E-08	1.98E-08	4.46E-05	7.03E-09	2.45E-09	3.68E-04	5.80E-08	2.02E-08	5.16E-05	8.13E-09	2.83E-09	3.52E-04	5.55E-08	1.93E-08	2.34E-05	3.68E-09	1.28E-09
3569	478363.09, 3850377.25	3.76E-04	5.92E-08	2.06E-08	4.32E-05	6.80E-09	2.37E-09	3.83E-04	6.04E-08	2.10E-08	4.99E-05	7.86E-09	2.74E-09	3.69E-04	5.82E-08	2.03E-08	2.26E-05	3.56E-09	1.24E-09
3570	478863.09, 3850377.25	3.78E-04	5.96E-08	2.08E-08	4.20E-05	6.61E-09	2.30E-09	3.85E-04	6.07E-08	2.11E-08	4.86E-05	7.65E-09	2.67E-09	3.72E-04	5.87E-08	2.04E-08	2.20E-05	3.47E-09	1.21E-09
3571	479363.09, 3850377.25	3.71E-04	5.85E-08	2.04E-08	4.89E-05	7.70E-09	2.68E-09	3.80E-04	5.98E-08	2.08E-08	5.66E-05	8.91E-09	3.11E-09	3.61E-04	5.69E-08	1.98E-08	2.56E-05	4.04E-09	1.41E-09
3572	479863.09, 3850377.25	3.39E-04	5.33E-08	1.86E-08	6.59E-05	1.04E-08	3.62E-09	3.50E-04	5.51E-08	1.92E-08	7.63E-05	1.20E-08	4.19E-09	3.16E-04	4.98E-08	1.73E-08	3.45E-05	5.43E-09	1.89E-09
3573	480363.09, 3850377.25	3.12E-04	4.92E-08	1.71E-08	7.17E-05	1.13E-08	3.93E-09	3.25E-04	5.11E-08	1.78E-08	8.30E-05	1.31E-08	4.55E-09	2.85E-04	4.48E-08	1.56E-08	3.75E-05	5.90E-09	2.06E-09
3574	480863.09, 3850377.25	2.88E-04	4.53E-08	1.58E-08	6.20E-05	9.77E-09	3.40E-09	2.98E-04	4.70E-08	1.64E-08	7.18E-05	1.13E-08	3.94E-09	2.64E-04	4.16E-08	1.45E-08	3.25E-05	5.11E-09	1.78E-09
3575	481363.09, 3850377.25	2.01E-04	3.17E-08	1.10E-08	3.94E-05	6.20E-09	2.16E-09	2.08E-04	3.28E-08	1.14E-08	4.55E-05	7.17E-09	2.50E-09	1.87E-04	2.94E-08	1.03E-08	2.07E-05	3.27E-09	1.14E-09
3576	481863.09, 3850377.25	1.93E-04	3.03E-08	1.06E-08	3.63E-05	5.73E-09	1.99E-09	1.99E-04	3.13E-08	1.09E-08	4.20E-05	6.62E-09	2.30E-09	1.79E-04	2.82E-08	9.84E-09	1.92E-05	3.02E-09	1.05E-09
3577	482363.09, 3850377.25	1.76E-04	2.77E-08	9.64E-09	3.22E-05	5.08E-09	1.77E-09	1.81E-04	2.85E-08	9.94E-09	3.73E-05	5.87E-09	2.04E-09	1.64E-04	2.59E-08	9.01E-09	1.70E-05	2.68E-09	9.35E-10
3578	482863.09, 3850377.25	1.34E-04	2.11E-08	7.34E-09	2.12E-05	3.34E-09	1.16E-09	1.37E-04	2.16E-08	7.54E-09	2.45E-05	3.85E-09	1.34E-09	1.27E-04	2.00E-08	6.97E-09	1.13E-05	1.77E-09	6.17E-10
3579	483363.09, 3850377.25	1.17E-04	1.84E-08	6.41E-09	1.66E-05	2.61E-09	9.09E-10	1.20E-04	1.88E-08	6.56E-09	1.91E-05	3.01E-09	1.05E-09	1.12E-04	1.76E-08	6.14E-09	8.85E-06	1.39E-09	4.86E-10
3580	483863.09, 3850377.25	1.22E-04	1.93E-08	6.72E-09	1.77E-05	2.78E-09	9.69E-10	1.25E-04	1.98E-08	6.88E-09	2.04E-05	3.21E-09	1.12E-09	1.17E-04	1.85E-08	6.43E-09	9.43E-06	1.49E-09	5.18E-10
3581	484363.09, 3850377.25	1.37E-04	2.16E-08	7.54E-09	2.20E-05	3.46E-09	1.21E-09	1.41E-04	2.22E-08	7.74E-09	2.54E-05	4.00E-09	1.39E-09	1.30E-04	2.05E-08	7.14E-09	1.17E-05	1.84E-09	6.42E-10
3582	484863.09, 3850377.25	1.52E-04	2.40E-08	8.34E-09	2.60E-05	4.10E-09	1.43E-09	1.56E-04	2.46E-08	8.58E-09	3.01E-05	4.74E-09	1.65E-09	1.43E-04	2.25E-08	7.85E-09	1.38E-05	2.18E-09	7.59E-10
3583	485363.09, 3850377.25	1.57E-04	2.47E-08	8.60E-09	2.42E-05	3.81E-09	1.33E-09	1.61E-04	2.53E-08	8.83E-09	2.79E-05	4.40E-09	1.53E-09	1.49E-04	2.34E-08	8.17E-09	1.29E-05	2.03E-09	7.09E-10
3584	485863.09, 3850377.25	1.48E-04	2.34E-08	8.14E-09	2.04E-05	3.22E-09	1.12E-09	1.52E-04	2.39E-08	8.33E-09	2.35E-05	3.71E-09	1.29E-09	1.42E-04	2.24E-08	7.80E-09	1.10E-05	1.73E-09	6.02E-10
3585	486363.09, 3850377.25	1.42E-04	2.24E-08	7.80E-09	1.91E-05	3.00E-09	1.05E-09	1.45E-04	2.29E-08	7.98E-09	2.20E-05	3.46E-09	1.21E-09	1.36E-04	2.15E-08	7.49E-09	1.03E-05	1.62E-09	5.63E-10
3586	486863.09, 3850377.25	1.39E-04	2.19E-08	7.62E-09	1.83E-05	2.89E-09	1.01E-09	1.42E-04	2.23E-08	7.78E-09	2.11E-05	3.33E-09	1.16E-09	1.34E-04	2.10E-08	7.33E-09	9.85E-06	1.55E-09	5.40E-10
3587	487363.09, 3850377.25	1.28E-04	2.01E-08	7.01E-09	1.67E-05	2.63E-09	9.18E-10	1.31E-04	2.06E-08	7.17E-09	1.93E-05	3.04E-09	1.06E-09	1.23E-04	1.94E-08	6.77E-09	8.97E-06	1.41E-09	4.92E-10
3588	487863.09, 3850377.25	1.24E-04	1.95E-08	6.79E-09	1.63E-05	2.57E-09	8.97E-10	1.27E-04	1.99E-08	6.94E-09	1.88E-05	2.97E-09	1.03E-09	1.19E-04	1.88E-08	6.55E-09	8.76E-06	1.38E-09	4.81E-10
3589	488363.09, 3850377.25	1.28E-04	2.02E-08	7.02E-09	1.67E-05	2.64E-09	9.19E-10	1.31E-04	2.06E-08	7.17E-09	1.93E-05	3.04E-09	1.06E-09	1.23E-04	1.94E-08	6.77E-09	8.99E-06	1.42E-09	4.93E-10
3590	488863.09, 3850377.25	1.34E-04	2.11E-08	7.37E-09	1.76E-05	2.77E-09	9.64E-10	1.37E-04	2.16E-08	7.53E-09	2.02E-05	3.19E-09	1.11E-09	1.29E-04	2.04E-08	7.10E-09	9.44E-06	1.49E-09	5.18E-10
3591	489363.09, 3850377.25	1.38E-04	2.18E-08	7.60E-09	1.77E-05	2.79E-09	9.73E-10	1.41E-04	2.23E-08	7.76E-09	2.04E-05	3.22E-09	1.12E-09	1.34E-04	2.10E-08	7.33E-09	9.54E-06	1.50E-09	5.24E-10
3592	489863.09, 3850377.25	1.38E-04	2.17E-08	7.57E-09	1.77E-05	2.78E-09	9.69E-10	1.41E-04	2.22E-08	7.73E-09	2.03E-05	3.20E-09	1.12E-09	1.33E-04	2.10E-08	7.30E-09	9.52E-06	1.50E-09	5.22E-10
3593	490363.09, 3850377.25	1.39E-04	2.19E-08	7.64E-09	1.80E-05	2.84E-09	9.88E-10	1.42E-04	2.24E-08	7.80E-09	2.07E-05	3.27E-09	1.14E-09	1.34E-04	2.11E-08	7.36E-09	9.70E-06	1.53E-09	5.32E-10
3594	490863.09, 3850377.25	1.43E-04	2.25E-08	7.84E-09	1.82E-05	2.86E-09	9.97E-10	1.46E-04	2.30E-08	8.01E-09	2.09E-05	3.30E-09	1.15E-09	1.38E-04	2.17E-08	7.57E-09	9.79E-06	1.54E-09	5.37E-10
3595	491363.09, 3850377.25	1.44E-04	2.28E-08	7.93E-09	1.86E-05	2.93E-09	1.02E-09	1.48E-04	2.32E-08	8.10E-09	2.15E-05	3.38E-09	1.18E-09	1.39E-04	2.20E-08	7.65E-09	1.00E-05	1.58E-09	5.50E-10
3596	491863.09, 3850377.25	1.42E-04	2.24E-08	7.79E-09	1.85E-05	2.92E-09	1.02E-09	1.45E-04	2.28E-08	7.96E-09	2.14E-05	3.37E-09	1.17E-09	1.37E-04	2.16E-08	7.51E-09	9.97E-06	1.57E-09	5.47E-10
3597	492363.09, 3850377.25	1.40E-04	2.21E-08	7.70E-09	1.83E-05	2.89E-09	1.01E-09	1.43E-04	2.26E-08	7.87E-09	2.11E-05	3.33E-09	1.16E-09	1.35E-04	2.13E-08	7.43E-09	9.87E-06	1.55E-09	5.42E-10
3598	492863.09, 3850377.25	1.44E-04	2.27E-08	7.89E-09	1.88E-05	2.96E-09	1.03E-09	1.47E-04	2.31E-08	8.06E-09	2.16E-05	3.41E-09	1.19E-09	1.39E-04	2.19E-08	7.61E-09	1.01E-05	1.59E-09	5.54E-10
3599	493363.09, 3850377.25	1.46E-04	2.30E-08	8.00E-09	1.90E-05	2.99E-09	1.04E-09	1.49E-04	2.35E-08	8.17E-09	2.19E-05	3.44E-09	1.20E-09	1.41E-04	2.22E-08	7.72E-09	1.02E-05	1.61E-09	5.60E-10
3600	493863.09, 3850377.25	1.61E-04	2.54E-08	8.85E-09	2.16E-05	3.40E-09	1.19E-09	1.65E-04	2.60E-08	9.05E-09	2.49E-05	3.92E-09	1.37E-09	1.55E-04	2.45E-08	8.52E-09	1.16E-05	1.83E-09	6.37E-10
3601	494363.09, 3850377.25	1.76E-04	2.77E-08	9.66E-09	2.41E-05	3.80E-09	1.32E-09	1.80E-04	2.84E-08	9.88E-09	2.78E-05	4.38E-09	1.52E-09	1.69E-04	2.66E-08	9.27E-09	1.29E-05	2.04E-09	7.10E-10
3602	494863.09, 3850377.25	1.98E-04	3.12E-08	1.09E-08	2.80E-05	4.41E-09	1.54E-09	2.03E-04	3.20E-08	1.11E-08	3.23E-05	5.09E-09	1.77E-09	1.90E-04	2.99E-08	1.04E-08	1.50E-05	2.36E-09	8.23E-10
3603	495363.09, 3850377.25	2.23E-04	3.51E-08	1.22E-08	3.29E-05	5.19E-09	1.81E-09	2.29E-04	3.60E-08	1.25E-08	3.80E-05	5.98E-09	2.08E-09	2.13E-04	3.35E-08	1.17E-08	1.76E-05	2.77E-09	9.66E-10
3604	495863.09, 3850377.25	2.25E-04	3.55E-08	1.24E-08	3.31E-05	5.21E-09	1.81E-09	2.31E-04	3.64E-08	1.27E-08	3.81E-05	6.01E-09	2.09E-09	2.15E-04	3.39E-08	1.18E-08	1.77E-05	2.79E-09	9.70E-10
3605	496363.09, 3850377.25	2.47E-04	3.90E-08	1.36E-08	3.82E-05	6.02E-09	2.10E-09	2.54E-04	4.00E-08	1.39E-08	4.41E-05	6.95E-09	2.42E-09	2.35E-04	3.70E-08	1.29E-08	2.04E-05	3.21E-09	1.12E-09
3606	496863.09, 3850377.25	2.67E-04	4.21E-08	1.47E-08	4.33E-05	6.82E-09	2.38E-09	2.75E-04	4.33E-08	1.51E-08	5.00E-05	7.88E-09	2.74E-09	2.53E-04	3.98E-08	1.39E-08	2.30E-05	3.63E-09	1.26E-09
3607	497363.09, 3850377.25	2.79E-04	4.40E-08	1.53E-08	4.62E-05	7.28E-09	2.54E-09	2.87E-04	4.52E-08	1.58E-08	5.33E-05	8.40E-09	2.93E-09	2.64E-04	4.16E-08	1.45E-08	2.45E-05	3.87E-09	1.35E-09
3608	497863.09, 3850377.25	2.85E-04	4.49E-08	1.56E-08	4.68E-05	7.38E-09	2.57E-09	2.93E-04	4.61E-08	1.61E-08	5.41E-05	8.51E-09	2.97E-09	2.69E-04	4.24E-08	1.48E-08	2.49E-05	3.92E-09	1.37E-09
3609	498363.09, 3850377.25	2.91E-04	4.59E-08	1.60E-08	4.71E-05	7.42E-09	2.59E-09	2.99E-04	4.72E-08	1.64E-08	5.44E-05	8.57E-09	2.99E-09	2.76E-04	4.35E-08	1.51E-08	2.51E-05	3.95E-09	1.38E-09
3610	471363.09, 3850877.25	1.61E-04	2.53E-08	8.81E-09	2.49E-05	3.92E-09	1.36E-09	1.65E-04	2.60E-08	9.04E-09	2.87E-05	4.53E-09	1.58E-09	1.53E-04	2.41E-08	8.40E-09	1.31E-05	2.07E-09	7.21E-10
3611	471863.09, 3850877.25	1.75E-04	2.76E-08	9.62E-09	2.62E-05	4.12E-09	1.44E-09	1.80E-04	2.83E-08	9.86E-09	3.02E-05	4.76E-09	1.66E-09	1.68E-04	2.64E-08	9.21E-09	1.38E-05	2.17E-09	7.58E-10
3612	472363.09, 3850877.25	1.99E-04	3.14E-08	1.09E-08	2.78E-05	4.38E-09	1.53E-09	2.04E-04	3.21E-08	1.12E-08	3.21E-05	5.06E-09	1.76E-09	1.92E-04	3.03E-08	1.05E-08	1.47E-05	2.31E-09	8.05E-10
3613	472863.09, 3850877.25	2.28E-04	3.59E-08	1.25E-08	2.90E-05	4.58E-09	1.59E-09	2.33E-04	3.67E-08	1.28E-08	3.36E-05	5.29E-09	1.84E-09	2.22E-04	3.50E-08	1.22E-08	1.53E-05	2.41E-09	8.40E-10
3614	473363.09, 3850877.25	2.23E-04	3.51E-08	1.22E-08	2.86E-05	4.50E-09	1.57E-09	2.28E-04	3.59E-08	1.25E-08	3.30E-05	5.20E-09	1.81E-09	2.17E-04	3.41E-08	1.19E-08	1.50E-05	2.37E-09	8.25E-10

3615	473863.09, 3850877.25	2.51E-04	3.96E-08	1.38E-08	3.10E-05	4.88E-09	1.70E-09	2.56E-04	4.04E-08	1.41E-08	3.59E-05	5.65E-09	1.97E-09	2.45E-04	3.86E-08	1.35E-08	1.63E-05	2.57E-09	8.95E-10
3616	474363.09, 3850877.25	2.82E-04	4.44E-08	1.55E-08	3.37E-05	5.31E-09	1.85E-09	2.87E-04	4.53E-08	1.58E-08	3.90E-05	6.14E-09	2.14E-09	2.76E-04	4.34E-08	1.51E-08	1.77E-05	2.79E-09	9.72E-10
3617	474863.09, 3850877.25	2.93E-04	4.62E-08	1.61E-08	3.64E-05	5.74E-09	2.00E-09	2.99E-04	4.71E-08	1.64E-08	4.21E-05	6.63E-09	2.31E-09	2.86E-04	4.51E-08	1.57E-08	1.91E-05	3.01E-09	1.05E-09
3618	475363.09, 3850877.25	3.03E-04	4.77E-08	1.66E-08	4.00E-05	6.31E-09	2.20E-09	3.10E-04	4.88E-08	1.70E-08	4.63E-05	7.29E-09	2.54E-09	2.94E-04	4.64E-08	1.62E-08	2.10E-05	3.31E-09	1.15E-09
3619	475863.09, 3850877.25	3.11E-04	4.90E-08	1.71E-08	4.42E-05	6.97E-09	2.43E-09	3.19E-04	5.02E-08	1.75E-08	5.12E-05	8.06E-09	2.81E-09	3.00E-04	4.73E-08	1.65E-08	2.32E-05	3.65E-09	1.27E-09
3620	476363.09, 3850877.25	3.15E-04	4.97E-08	1.73E-08	4.76E-05	7.50E-09	2.61E-09	3.23E-04	5.09E-08	1.77E-08	5.51E-05	8.68E-09	3.02E-09	3.03E-04	4.77E-08	1.66E-08	2.50E-05	3.93E-09	1.37E-09
3621	476863.09, 3850877.25	3.13E-04	4.93E-08	1.72E-08	5.02E-05	7.91E-09	2.76E-09	3.22E-04	5.07E-08	1.77E-08	5.81E-05	9.15E-09	3.19E-09	2.99E-04	4.71E-08	1.64E-08	2.63E-05	4.14E-09	1.44E-09
3622	477363.09, 3850877.25	3.16E-04	4.97E-08	1.73E-08	5.15E-05	8.11E-09	2.83E-09	3.24E-04	5.11E-08	1.78E-08	5.96E-05	9.38E-09	3.27E-09	3.00E-04	4.73E-08	1.65E-08	2.70E-05	4.25E-09	1.48E-09
3623	477863.09, 3850877.25	3.48E-04	5.48E-08	1.91E-08	5.19E-05	8.17E-09	2.85E-09	3.57E-04	5.62E-08	1.96E-08	6.00E-05	9.45E-09	3.29E-09	3.35E-04	5.27E-08	1.84E-08	2.72E-05	4.28E-09	1.49E-09
3624	478363.09, 3850877.25	4.13E-04	6.50E-08	2.27E-08	5.19E-05	8.17E-09	2.85E-09	4.22E-04	6.64E-08	2.31E-08	6.00E-05	9.45E-09	3.29E-09	4.03E-04	6.35E-08	2.21E-08	2.72E-05	4.28E-09	1.49E-09
3625	478863.09, 3850877.25	4.59E-04	7.23E-08	2.52E-08	5.11E-05	8.04E-09	2.80E-09	4.68E-04	7.37E-08	2.57E-08	5.91E-05	9.30E-09	3.24E-09	4.52E-04	7.12E-08	2.48E-08	2.67E-05	4.21E-09	1.47E-09
3626	479363.09, 3850877.25	4.42E-04	6.96E-08	2.43E-08	4.98E-05	7.85E-09	2.74E-09	4.50E-04	7.10E-08	2.47E-08	5.77E-05	9.08E-09	3.16E-09	4.35E-04	6.85E-08	2.39E-08	2.61E-05	4.12E-09	1.43E-09
3627	479863.09, 3850877.25	4.12E-04	6.49E-08	2.26E-08	5.63E-05	8.87E-09	3.09E-09	4.22E-04	6.64E-08	2.31E-08	6.52E-05	1.03E-08	3.58E-09	3.99E-04	6.29E-08	2.19E-08	2.95E-05	4.65E-09	1.62E-09
3628	480363.09, 3850877.25	4.21E-04	6.63E-08	2.31E-08	7.46E-05	1.17E-08	4.09E-09	4.33E-04	6.83E-08	2.38E-08	8.63E-05	1.36E-08	4.74E-09	3.97E-04	6.26E-08	2.18E-08	3.90E-05	6.14E-09	2.14E-09
3629	480863.09, 3850877.25	3.97E-04	6.25E-08	2.18E-08	8.50E-05	1.34E-08	4.66E-09	4.11E-04	6.48E-08	2.26E-08	9.83E-05	1.55E-08	5.40E-09	3.66E-04	5.76E-08	2.01E-08	4.44E-05	6.99E-09	2.44E-09
3630	481363.09, 3850877.25	3.37E-04	5.31E-08	1.85E-08	7.19E-05	1.13E-08	3.95E-09	3.49E-04	5.51E-08	1.92E-08	8.32E-05	1.31E-08	4.57E-09	3.11E-04	4.89E-08	1.70E-08	3.76E-05	5.93E-09	2.06E-09
3631	481863.09, 3850877.25	2.85E-04	4.50E-08	1.57E-08	5.83E-05	9.19E-09	3.20E-09	2.95E-04	4.65E-08	1.62E-08	6.75E-05	1.06E-08	3.70E-09	2.64E-04	4.16E-08	1.45E-08	3.06E-05	4.82E-09	1.68E-09
3632	482363.09, 3850877.25	2.32E-04	3.65E-08	1.27E-08	4.67E-05	7.36E-09	2.56E-09	2.40E-04	3.78E-08	1.32E-08	5.40E-05	8.51E-09	2.96E-09	2.14E-04	3.38E-08	1.18E-08	2.46E-05	3.87E-09	1.35E-09
3633	482863.09, 3850877.25	1.93E-04	3.05E-08	1.06E-08	3.70E-05	5.82E-09	2.03E-09	2.00E-04	3.14E-08	1.10E-08	4.27E-05	6.73E-09	2.34E-09	1.80E-04	2.83E-08	9.87E-09	1.95E-05	3.07E-09	1.07E-09
3634	483363.09, 3850877.25	1.59E-04	2.50E-08	8.71E-09	2.73E-05	4.30E-09	1.50E-09	1.63E-04	2.57E-08	8.97E-09	3.15E-05	4.96E-09	1.73E-09	1.49E-04	2.35E-08	8.20E-09	1.45E-05	2.28E-09	7.94E-10
3635	483863.09, 3850877.25	1.54E-04	2.43E-08	8.46E-09	2.54E-05	4.00E-09	1.39E-09	1.58E-04	2.50E-08	8.70E-09	2.93E-05	4.62E-09	1.61E-09	1.46E-04	2.30E-08	8.00E-09	1.35E-05	2.12E-09	7.40E-10
3636	484363.09, 3850877.25	1.73E-04	2.72E-08	9.47E-09	3.05E-05	4.81E-09	1.67E-09	1.78E-04	2.80E-08	9.76E-09	3.52E-05	5.55E-09	1.93E-09	1.62E-04	2.55E-08	8.88E-09	1.62E-05	2.55E-09	8.87E-10
3637	484863.09, 3850877.25	1.69E-04	2.66E-08	9.28E-09	3.07E-05	4.83E-09	1.68E-09	1.74E-04	2.74E-08	9.56E-09	3.54E-05	5.58E-09	1.94E-09	1.58E-04	2.49E-08	8.67E-09	1.63E-05	2.56E-09	8.92E-10
3638	485363.09, 3850877.25	1.78E-04	2.81E-08	9.80E-09	2.98E-05	4.69E-09	1.63E-09	1.83E-04	2.89E-08	1.01E-08	3.43E-05	5.41E-09	1.89E-09	1.68E-04	2.65E-08	9.24E-09	1.58E-05	2.49E-09	8.68E-10
3639	485863.09, 3850877.25	1.68E-04	2.64E-08	9.20E-09	2.46E-05	3.88E-09	1.35E-09	1.72E-04	2.70E-08	9.42E-09	2.84E-05	4.47E-09	1.56E-09	1.60E-04	2.51E-08	8.76E-09	1.32E-05	2.08E-09	7.23E-10
3640	486363.09, 3850877.25	1.70E-04	2.67E-08	9.31E-09	2.40E-05	3.79E-09	1.32E-09	1.74E-04	2.73E-08	9.53E-09	2.77E-05	4.36E-09	1.52E-09	1.62E-04	2.55E-08	8.90E-09	1.29E-05	2.03E-09	7.07E-10
3641	486863.09, 3850877.25	1.65E-04	2.60E-08	9.05E-09	2.28E-05	3.59E-09	1.25E-09	1.69E-04	2.66E-08	9.26E-09	2.62E-05	4.13E-09	1.44E-09	1.58E-04	2.49E-08	8.69E-09	1.22E-05	1.92E-09	6.69E-10
3642	487363.09, 3850877.25	1.50E-04	2.36E-08	8.23E-09	2.04E-05	3.21E-09	1.12E-09	1.53E-04	2.42E-08	8.42E-09	2.35E-05	3.71E-09	1.29E-09	1.44E-04	2.27E-08	7.92E-09	1.09E-05	1.72E-09	5.99E-10
3643	487863.09, 3850877.25	1.46E-04	2.29E-08	7.99E-09	2.03E-05	3.20E-09	1.11E-09	1.49E-04	2.35E-08	8.18E-09	2.34E-05	3.69E-09	1.28E-09	1.40E-04	2.20E-08	7.67E-09	1.08E-05	1.71E-09	5.95E-10
3644	488363.09, 3850877.25	1.52E-04	2.40E-08	8.35E-09	2.16E-05	3.41E-09	1.19E-09	1.56E-04	2.45E-08	8.55E-09	2.49E-05	3.93E-09	1.37E-09	1.46E-04	2.30E-08	8.00E-09	1.16E-05	1.82E-09	6.34E-10
3645	488863.09, 3850877.25	1.58E-04	2.50E-08	8.70E-09	2.19E-05	3.46E-09	1.20E-09	1.62E-04	2.55E-08	8.90E-09	2.53E-05	3.99E-09	1.39E-09	1.52E-04	2.40E-08	8.35E-09	1.18E-05	1.85E-09	6.45E-10
3646	489363.09, 3850877.25	1.65E-04	2.59E-08	9.03E-09	2.23E-05	3.52E-09	1.23E-09	1.68E-04	2.65E-08	9.24E-09	2.57E-05	4.06E-09	1.41E-09	1.58E-04	2.49E-08	8.68E-09	1.20E-05	1.89E-09	6.57E-10
3647	489863.09, 3850877.25	1.65E-04	2.60E-08	9.06E-09	2.27E-05	3.58E-09	1.25E-09	1.69E-04	2.66E-08	9.27E-09	2.62E-05	4.12E-09	1.44E-09	1.59E-04	2.50E-08	8.70E-09	1.22E-05	1.92E-09	6.68E-10
3648	490363.09, 3850877.25	1.71E-04	2.69E-08	9.37E-09	2.33E-05	3.67E-09	1.28E-09	1.75E-04	2.75E-08	9.58E-09	2.69E-05	4.23E-09	1.48E-09	1.64E-04	2.58E-08	9.00E-09	1.25E-05	1.97E-09	6.86E-10
3649	490863.09, 3850877.25	1.76E-04	2.77E-08	9.64E-09	2.43E-05	3.82E-09	1.33E-09	1.80E-04	2.83E-08	9.86E-09	2.80E-05	4.41E-09	1.54E-09	1.69E-04	2.66E-08	9.26E-09	1.30E-05	2.05E-09	7.14E-10
3650	491363.09, 3850877.25	1.75E-04	2.76E-08	9.63E-09	2.48E-05	3.91E-09	1.36E-09	1.80E-04	2.83E-08	9.86E-09	2.86E-05	4.51E-09	1.57E-09	1.68E-04	2.65E-08	9.23E-09	1.33E-05	2.09E-09	7.28E-10
3651	491863.09, 3850877.25	1.75E-04	2.76E-08	9.61E-09	2.53E-05	3.98E-09	1.39E-09	1.79E-04	2.83E-08	9.84E-09	2.92E-05	4.59E-09	1.60E-09	1.68E-04	2.64E-08	9.20E-09	1.35E-05	2.13E-09	7.41E-10
3652	492363.09, 3850877.25	1.78E-04	2.80E-08	9.74E-09	2.55E-05	4.02E-09	1.40E-09	1.82E-04	2.86E-08	9.98E-09	2.94E-05	4.63E-09	1.61E-09	1.70E-04	2.68E-08	9.33E-09	1.36E-05	2.15E-09	7.48E-10
3653	492863.09, 3850877.25	1.84E-04	2.90E-08	1.01E-08	2.64E-05	4.16E-09	1.45E-09	1.88E-04	2.97E-08	1.03E-08	3.05E-05	4.80E-09	1.67E-09	1.76E-04	2.78E-08	9.67E-09	1.41E-05	2.22E-09	7.75E-10
3654	493363.09, 3850877.25	1.94E-04	3.06E-08	1.07E-08	2.81E-05	4.42E-09	1.54E-09	1.99E-04	3.13E-08	1.09E-08	3.24E-05	5.10E-09	1.78E-09	1.86E-04	2.93E-08	1.02E-08	1.50E-05	2.36E-09	8.24E-10
3655	493863.09, 3850877.25	2.15E-04	3.39E-08	1.18E-08	3.22E-05	5.07E-09	1.77E-09	2.21E-04	3.48E-08	1.21E-08	3.71E-05	5.85E-09	2.04E-09	2.05E-04	3.24E-08	1.13E-08	1.72E-05	2.70E-09	9.42E-10
3656	494363.09, 3850877.25	2.31E-04	3.64E-08	1.27E-08	3.51E-05	5.54E-09	1.93E-09	2.37E-04	3.74E-08	1.30E-08	4.05E-05	6.39E-09	2.23E-09	2.20E-04	3.47E-08	1.21E-08	1.88E-05	2.95E-09	1.03E-09
3657	494863.09, 3850877.25	2.56E-04	4.04E-08	1.41E-08	4.03E-05	6.34E-09	2.21E-09	2.63E-04	4.14E-08	1.44E-08	4.65E-05	7.32E-09	2.55E-09	2.43E-04	3.83E-08	1.34E-08	2.14E-05	3.38E-09	1.18E-09
3658	495363.09, 3850877.25	2.83E-04	4.45E-08	1.55E-08	4.59E-05	7.23E-09	2.52E-09	2.90E-04	4.57E-08	1.59E-08	5.30E-05	8.35E-09	2.91E-09	2.67E-04	4.21E-08	1.47E-08	2.44E-05	3.85E-09	1.34E-09
3659	495863.09, 3850877.25	2.92E-04	4.60E-08	1.60E-08	4.82E-05	7.60E-09	2.65E-09	3.00E-04	4.73E-08	1.65E-08	5.57E-05	8.77E-09	3.06E-09	2.76E-04	4.34E-08	1.51E-08	2.56E-05	4.04E-09	1.41E-09
3660	496363.09, 3850877.25	3.05E-04	4.81E-08	1.68E-08	5.17E-05	8.15E-09	2.84E-09	3.14E-04	4.95E-08	1.72E-08	5.97E-05	9.41E-09	3.28E-09	2.88E-04	4.53E-08	1.58E-08	2.75E-05	4.33E-09	1.51E-09
3661	496863.09, 3850877.25	3.27E-04	5.15E-08	1.80E-08	5.69E-05	8.96E-09	3.12E-09	3.37E-04	5.30E-08	1.85E-08	6.57E-05	1.03E-08	3.60E-09	3.07E-04	4.84E-08	1.69E-08	3.01E-05	4.75E-09	1.65E-09
3662	497363.09, 3850877.25	3.35E-04	5.28E-08	1.84E-08	5.80E-05	9.13E-09	3.18E-09	3.45E-04	5.43E-08	1.89E-08	6.69E-05	1.05E-08	3.67E-09	3.15E-04	4.96E-08	1.73E-08	3.07E-05	4.84E-09	1.69E-09
3663	497863.09, 3850877.25	3.40E-04	5.35E-08	1.86E-08	5.76E-05	9.08E-09	3.16E-09	3.49E-04	5.50E-08	1.92E-08	6.66E-05	1.05E-08	3.65E-09	3.20E-04	5.04E-08	1.76E-08	3.06E-05	4.82E-09	1.68E-09
3664	498363.09, 3850877.25	3.43E-04	5.41E-08	1.89E-08	5.71E-05	8.99E-09	3.13E-09	3.53E-04	5.56E-08	1.94E-08	6.59E-05	1.04E-08	3.62E-09	3.24E-04	5.11E-08	1.78E-08	3.03E-05	4.77E-09	1.66E-09
3665	471363.09, 3851377.25	1.71E-04	2.70E-08	9.41E-09	2.78E-05	4.38E-09	1.53E-09	1.76E-04	2.77E-08	9.67E-09	3.21E-05	5.06E-09	1.76E-09	1.63E-04	2.56E-08	8.92E-09	1.47E-05	2.32E-09	8.07E-10
3666	471863.09, 3851377.25	2.03E-04	3.20E-08	1.11E-08	3.28E-05	5.17E-09	1.80E-09	2.09E-04	3.29E-08	1.14E-08	3.79E-05	5.97E-09	2.08E-09	1.93E-04	3.04E-08	1.06E-08	1.73E-05	2.72E-09	9.49E-10
3667	472363.09, 3851377.25	2.08E-04	3.27E-08	1.14E-08	3.32E-05	5.23E-09	1.82E-09	2.13E-04	3.36E-08	1.17E-08	3.84E-05	6.04E-09	2.11E-09	1.98E-04	3.11E-08	1.09E-08	1.75E-05	2.76E-09	9.60E-10
3668	472863.09, 3851377.25	2.13E-04	3.35E-08	1.17E-08	3.30E-05	5.20E-09	1.81E-09	2.18E-04	3.44E-08	1.20E-08	3.82E-05	6.02E-09	2.10E-09	2.03E-04	3.20E-08	1.11E-08	1.74E-05	2.74E-09	9.55E-10
3669	473363.09, 3851377.25	1.99E-04	3.14E-08	1.09E-08	3.03E-05	4.77E-09	1.66E-09	2.04E-04	3.22E-08	1.12E-08	3.50E-05	5.51E-09	1.92E-09	1.90E-04	3.00E-08	1.04E-08	1.60E-05	2.51E-09	8.76E-10
3670	473863.09, 3851377.25	2.13E-04	3.35E-08	1.17E-08	3.07E-05	4.84E-09	1.69E-09	2.18E-04	3.43E-08	1.20E-08	3.55E-05	5.60E-09	1.95E-09	2.04E-04	3.22E-08	1.12E-08	1.62E-05	2.55E-09	8.88E-10
3671	474363.09, 3851377.25	2.54E-04	4.01E-08	1.40E-08	3.39E-05	5.34E-09	1.86E-09	2.60E-04	4.10E-08	1.43E-08	3.92E-05	6.17E-09	2.15E-09	2.47E-04	3.89E-08	1.35E-08	1.78E-05	2.81E-09	9.78E-10
3672	474863.09, 3851377.25	2.91E-04	4.58E-08	1.59E-08	3.64E-05	5.74E-09	2.00E-09	2.97E-04	4.67E-08	1.63E-08	4.21E-05	6.64E-09	2.31E-09	2.83E-04	4.46E-08	1.55E-08	1.92E-05	3.02E-09	1.05E-09
3673	475363.09, 3851377.25	3.15E-04	4.97E-08	1.73E-08	3.91E-05	6.15E-09	2.14E-09	3.22E-04	5.07E-08	1.77E-08	4.52E-05	7.12E-09	2.48E-09	3.08E-04	4.85E-08	1.69E-08	2.05E-05	3.23E-09	1.13E-09
3674	475863.09, 3851377.25	3.29E-04	5.19E-08	1.81E-08	4.24E-05	6.67E-09	2.33E-09	3.37E-04	5.30E-08	1.85E-08	4.90E-05	7.72E-09	2.69E-09	3.21E-04	5.05E-08	1.76E-08	2.22E-05	3.50E-09	1.22E-09
3675	476363.09, 3851377.25	3.41E-04	5.37E-08	1.87E-08	4.70E-05	7.40E-09	2.58E-09	3.49E-04	5.50E-08	1.92E-08	5.43E-05	8.56E-09	2.98E-09	3.30E-04	5.20E-08	1.81E-08	2.46E-05	3.88E-09	1.35E-09
3676	476863.09, 3851377.25	3.40E-04	5.36E-08	1.87E-08	5.22E-05	8.22E-09	2.87E-09	3.49E-04	5.50E-08	1.92E-08	6.04E-05	9.51E-09	3.31E-09	3.26E-04	5.13E-08	1.79E-08	2.74E-05	4.31E-09	1.50E-09
3677	477363.09, 3851377.25	3.56E-04	5.61E-08	1.95E-08	5.65E-05	8.90E-09	3.10E-09	3.66E-04	5.76E-08	2.01E-08	6.53E-05	1.03E-08	3.59E-09	3.40E-04	5.36E-08	1.87E-08	2.96E-05	4.66E-09	1.62E-09
3678	477863.09, 3851377.25	3.60E-04	5.67E-08	1.97E-08	5.95E-05	9.38E-09	3.27E-09	3.70E-04	5.83E-08	2.03E-08	6.89E-05	1.09E-08	3.78E-09	3.42E-04	5.39E-08	1.88E-08	3.12E-05	4.91E-09	1.71E-09
3679	478363.09, 3851377.25	3.90E-04	6.14E-08	2.14E-08	6.09E-05	9.59E-09	3.34E-09	4.00E-04	6.31E-08	2.20E-08	7.04E-05	1.11E-08	3.86E-09	3.73E-04	5.88E-08	2.05E-08	3.19E-05	5.02E-09	1.75E-09
3680	478863.09, 3851377.25	4.69E-04	7.39E-08	2.57E-08	6.11E-05	9.62E-09	3.35E-09	4.80E-04	7.55E-08	2.63E-08	7.07E-05	1.11E-08	3.88E-09	4.57E-04	7.19E-08	2.51E-08	3.20E-05	5.04E-09	1.75E-09
3681	479363.09, 3851377.25	5.19E-04	8.17E-08	2.85E-08	6.06E-05	9.54E-09	3.32E-09	5.29E-04	8.34E-08	2.90E-08	7.01E-05	1.10E-08	3.85E-09	5.09E-04	8.02E-08	2.80E-08	3.17E-05	4.99E-09	1.74E-09

3682	479863.09, 3851377.25	5.11E-04	8.05E-08	2.81E-08	5.88E-05	9.27E-09	3.23E-09	5.21E-04	8.21E-08	2.86E-08	6.81E-05	1.07E-08	3.73E-09	5.02E-04	7.92E-08	2.76E-08	3.08E-05	4.85E-09	1.69E-09
3683	480363.09, 3851377.25	4.94E-04	7.77E-08	2.71E-08	6.47E-05	1.02E-08	3.55E-09	5.05E-04	7.95E-08	2.77E-08	7.48E-05	1.18E-08	4.11E-09	4.80E-04	7.56E-08	2.64E-08	3.38E-05	5.33E-09	1.86E-09
3684	480863.09, 3851377.25	4.98E-04	7.84E-08	2.73E-08	8.69E-05	1.37E-08	4.77E-09	5.13E-04	8.07E-08	2.81E-08	1.01E-04	1.58E-08	5.52E-09	4.71E-04	7.42E-08	2.58E-08	4.54E-05	7.15E-09	2.49E-09
3685	481363.09, 3851377.25	4.58E-04	7.21E-08	2.51E-08	9.78E-05	1.54E-08	5.37E-09	4.75E-04	7.48E-08	2.61E-08	1.13E-04	1.78E-08	6.21E-09	4.22E-04	6.65E-08	2.32E-08	5.11E-05	8.05E-09	2.80E-09
3686	481863.09, 3851377.25	3.86E-04	6.08E-08	2.12E-08	8.31E-05	1.31E-08	4.56E-09	4.00E-04	6.31E-08	2.20E-08	9.62E-05	1.52E-08	5.28E-09	3.55E-04	5.59E-08	1.95E-08	4.35E-05	6.85E-09	2.39E-09
3687	482363.09, 3851377.25	3.36E-04	5.30E-08	1.85E-08	7.10E-05	1.12E-08	3.89E-09	3.49E-04	5.49E-08	1.91E-08	8.21E-05	1.29E-08	4.50E-09	3.10E-04	4.88E-08	1.70E-08	3.72E-05	5.86E-09	2.04E-09
3688	482863.09, 3851377.25	2.71E-04	4.26E-08	1.49E-08	5.86E-05	9.24E-09	3.22E-09	2.81E-04	4.42E-08	1.54E-08	6.78E-05	1.07E-08	3.72E-09	2.48E-04	3.91E-08	1.36E-08	3.08E-05	4.86E-09	1.69E-09
3689	483363.09, 3851377.25	2.05E-04	3.22E-08	1.12E-08	4.03E-05	6.36E-09	2.21E-09	2.11E-04	3.33E-08	1.16E-08	4.66E-05	7.35E-09	2.56E-09	1.90E-04	2.99E-08	1.04E-08	2.13E-05	3.35E-09	1.17E-09
3690	483863.09, 3851377.25	1.85E-04	2.92E-08	1.02E-08	3.43E-05	5.40E-09	1.88E-09	1.91E-04	3.01E-08	1.05E-08	3.96E-05	6.24E-09	2.17E-09	1.73E-04	2.73E-08	9.50E-09	1.81E-05	2.86E-09	9.95E-10
3691	484363.09, 3851377.25	2.25E-04	3.55E-08	1.24E-08	4.33E-05	6.83E-09	2.38E-09	2.33E-04	3.67E-08	1.28E-08	5.01E-05	7.89E-09	2.75E-09	2.09E-04	3.30E-08	1.15E-08	2.29E-05	3.61E-09	1.26E-09
3692	484863.09, 3851377.25	1.76E-04	2.77E-08	9.65E-09	3.15E-05	4.97E-09	1.73E-09	1.81E-04	2.85E-08	9.94E-09	3.64E-05	5.74E-09	2.00E-09	1.65E-04	2.59E-08	9.03E-09	1.67E-05	2.63E-09	9.18E-10
3693	485363.09, 3851377.25	2.09E-04	3.29E-08	1.15E-08	3.90E-05	6.15E-09	2.14E-09	2.15E-04	3.39E-08	1.18E-08	4.51E-05	7.10E-09	2.47E-09	1.95E-04	3.06E-08	1.07E-08	2.06E-05	3.25E-09	1.13E-09
3694	485863.09, 3851377.25	1.96E-04	3.09E-08	1.08E-08	3.11E-05	4.90E-09	1.71E-09	2.01E-04	3.17E-08	1.10E-08	3.59E-05	5.65E-09	1.97E-09	1.86E-04	2.92E-08	1.02E-08	1.66E-05	2.61E-09	9.10E-10
3695	486363.09, 3851377.25	2.06E-04	3.25E-08	1.13E-08	3.09E-05	4.87E-09	1.70E-09	2.11E-04	3.33E-08	1.16E-08	3.57E-05	5.62E-09	1.96E-09	1.96E-04	3.09E-08	1.08E-08	1.65E-05	2.61E-09	9.08E-10
3696	486863.09, 3851377.25	1.98E-04	3.12E-08	1.09E-08	2.85E-05	4.49E-09	1.57E-09	2.03E-04	3.19E-08	1.11E-08	3.29E-05	5.18E-09	1.81E-09	1.89E-04	2.98E-08	1.04E-08	1.53E-05	2.40E-09	8.37E-10
3697	487363.09, 3851377.25	1.69E-04	2.67E-08	9.29E-09	2.33E-05	3.67E-09	1.28E-09	1.73E-04	2.73E-08	9.51E-09	2.69E-05	4.23E-09	1.48E-09	1.63E-04	2.56E-08	8.93E-09	1.25E-05	1.96E-09	6.84E-10
3698	487863.09, 3851377.25	1.74E-04	2.74E-08	9.56E-09	2.63E-05	4.14E-09	1.44E-09	1.79E-04	2.81E-08	9.80E-09	3.03E-05	4.78E-09	1.67E-09	1.66E-04	2.62E-08	9.12E-09	1.40E-05	2.20E-09	7.68E-10
3699	488363.09, 3851377.25	1.85E-04	2.92E-08	1.02E-08	2.82E-05	4.44E-09	1.55E-09	1.90E-04	2.99E-08	1.04E-08	3.25E-05	5.12E-09	1.79E-09	1.77E-04	2.78E-08	9.69E-09	1.50E-05	2.36E-09	8.24E-10
3700	488863.09, 3851377.25	1.95E-04	3.07E-08	1.07E-08	2.84E-05	4.47E-09	1.56E-09	1.99E-04	3.14E-08	1.09E-08	3.27E-05	5.16E-09	1.80E-09	1.86E-04	2.93E-08	1.02E-08	1.51E-05	2.39E-09	8.31E-10
3701	489363.09, 3851377.25	2.01E-04	3.16E-08	1.10E-08	2.89E-05	4.55E-09	1.59E-09	2.06E-04	3.24E-08	1.13E-08	3.33E-05	5.25E-09	1.83E-09	1.92E-04	3.03E-08	1.05E-08	1.54E-05	2.43E-09	8.47E-10
3702	489863.09, 3851377.25	2.04E-04	3.21E-08	1.12E-08	2.97E-05	4.68E-09	1.63E-09	2.09E-04	3.29E-08	1.15E-08	3.43E-05	5.40E-09	1.88E-09	1.95E-04	3.07E-08	1.07E-08	1.59E-05	2.50E-09	8.71E-10
3703	490363.09, 3851377.25	2.12E-04	3.35E-08	1.17E-08	3.12E-05	4.92E-09	1.71E-09	2.18E-04	3.43E-08	1.19E-08	3.60E-05	5.67E-09	1.98E-09	2.03E-04	3.20E-08	1.11E-08	1.67E-05	2.63E-09	9.15E-10
3704	490863.09, 3851377.25	2.18E-04	3.44E-08	1.20E-08	3.32E-05	5.24E-09	1.82E-09	2.24E-04	3.53E-08	1.23E-08	3.84E-05	6.04E-09	2.10E-09	2.08E-04	3.28E-08	1.14E-08	1.77E-05	2.79E-09	9.72E-10
3705	491363.09, 3851377.25	2.19E-04	3.44E-08	1.20E-08	3.42E-05	5.39E-09	1.88E-09	2.24E-04	3.53E-08	1.23E-08	3.95E-05	6.22E-09	2.17E-09	2.08E-04	3.27E-08	1.14E-08	1.82E-05	2.87E-09	9.99E-10
3706	491863.09, 3851377.25	2.22E-04	3.50E-08	1.22E-08	3.50E-05	5.52E-09	1.92E-09	2.28E-04	3.59E-08	1.25E-08	4.05E-05	6.37E-09	2.22E-09	2.11E-04	3.32E-08	1.16E-08	1.86E-05	2.94E-09	1.02E-09
3707	492363.09, 3851377.25	2.31E-04	3.63E-08	1.27E-08	3.67E-05	5.78E-09	2.01E-09	2.37E-04	3.73E-08	1.30E-08	4.24E-05	6.67E-09	2.32E-09	2.19E-04	3.45E-08	1.20E-08	1.95E-05	3.07E-09	1.07E-09
3708	492863.09, 3851377.25	2.38E-04	3.75E-08	1.31E-08	3.79E-05	5.97E-09	2.08E-09	2.44E-04	3.85E-08	1.34E-08	4.37E-05	6.89E-09	2.40E-09	2.26E-04	3.56E-08	1.24E-08	2.01E-05	3.17E-09	1.11E-09
3709	493363.09, 3851377.25	2.35E-04	3.70E-08	1.29E-08	3.62E-05	5.70E-09	1.99E-09	2.41E-04	3.80E-08	1.32E-08	4.17E-05	6.58E-09	2.29E-09	2.24E-04	3.52E-08	1.23E-08	1.93E-05	3.04E-09	1.06E-09
3710	493863.09, 3851377.25	2.59E-04	4.09E-08	1.42E-08	4.12E-05	6.48E-09	2.26E-09	2.66E-04	4.19E-08	1.46E-08	4.75E-05	7.48E-09	2.61E-09	2.46E-04	3.87E-08	1.35E-08	2.19E-05	3.45E-09	1.20E-09
3711	494363.09, 3851377.25	3.01E-04	4.74E-08	1.65E-08	5.05E-05	7.95E-09	2.77E-09	3.09E-04	4.87E-08	1.70E-08	5.83E-05	9.18E-09	3.20E-09	2.83E-04	4.47E-08	1.56E-08	2.68E-05	4.22E-09	1.47E-09
3712	494863.09, 3851377.25	3.19E-04	5.03E-08	1.75E-08	5.41E-05	8.53E-09	2.97E-09	3.28E-04	5.17E-08	1.80E-08	6.25E-05	9.85E-09	3.43E-09	3.01E-04	4.74E-08	1.65E-08	2.87E-05	4.53E-09	1.58E-09
3713	495363.09, 3851377.25	3.60E-04	5.67E-08	1.98E-08	6.39E-05	1.01E-08	3.51E-09	3.71E-04	5.84E-08	2.04E-08	7.39E-05	1.16E-08	4.05E-09	3.38E-04	5.32E-08	1.85E-08	3.39E-05	5.34E-09	1.86E-09
3714	495863.09, 3851377.25	3.77E-04	5.93E-08	2.07E-08	6.85E-05	1.08E-08	3.76E-09	3.88E-04	6.12E-08	2.13E-08	7.91E-05	1.25E-08	4.34E-09	3.52E-04	5.55E-08	1.93E-08	3.62E-05	5.71E-09	1.99E-09
3715	496363.09, 3851377.25	3.87E-04	6.10E-08	2.13E-08	7.10E-05	1.12E-08	3.90E-09	3.99E-04	6.29E-08	2.19E-08	8.20E-05	1.29E-08	4.50E-09	3.62E-04	5.71E-08	1.99E-08	3.75E-05	5.91E-09	2.06E-09
3716	496863.09, 3851377.25	3.96E-04	6.25E-08	2.18E-08	7.20E-05	1.13E-08	3.95E-09	4.09E-04	6.44E-08	2.24E-08	8.32E-05	1.31E-08	4.57E-09	3.71E-04	5.84E-08	2.04E-08	3.81E-05	6.00E-09	2.09E-09
3717	497363.09, 3851377.25	4.05E-04	6.38E-08	2.22E-08	7.25E-05	1.14E-08	3.98E-09	4.17E-04	6.57E-08	2.29E-08	8.37E-05	1.32E-08	4.59E-09	3.79E-04	5.97E-08	2.08E-08	3.83E-05	6.04E-09	2.10E-09
3718	497863.09, 3851377.25	4.08E-04	6.43E-08	2.24E-08	7.18E-05	1.13E-08	3.94E-09	4.21E-04	6.63E-08	2.31E-08	8.29E-05	1.31E-08	4.55E-09	3.83E-04	6.04E-08	2.10E-08	3.80E-05	5.99E-09	2.09E-09
3719	498363.09, 3851377.25	4.02E-04	6.33E-08	2.20E-08	6.84E-05	1.08E-08	3.75E-09	4.13E-04	6.51E-08	2.27E-08	7.90E-05	1.24E-08	4.34E-09	3.78E-04	5.96E-08	2.08E-08	3.63E-05	5.72E-09	1.99E-09
3720	471363.09, 3851877.25	1.87E-04	2.94E-08	1.03E-08	2.90E-05	4.56E-09	1.59E-09	1.92E-04	3.02E-08	1.05E-08	3.35E-05	5.27E-09	1.84E-09	1.78E-04	2.81E-08	9.78E-09	1.53E-05	2.41E-09	8.40E-10
3721	471863.09, 3851877.25	1.84E-04	2.89E-08	1.01E-08	2.92E-05	4.59E-09	1.60E-09	1.89E-04	2.97E-08	1.03E-08	3.37E-05	5.31E-09	1.85E-09	1.75E-04	2.75E-08	9.58E-09	1.54E-05	2.43E-09	8.46E-10
3722	472363.09, 3851877.25	2.02E-04	3.18E-08	1.11E-08	3.29E-05	5.18E-09	1.80E-09	2.08E-04	3.27E-08	1.14E-08	3.80E-05	5.99E-09	2.09E-09	1.92E-04	3.02E-08	1.05E-08	1.74E-05	2.73E-09	9.52E-10
3723	472863.09, 3851877.25	2.20E-04	3.47E-08	1.21E-08	3.62E-05	5.70E-09	1.99E-09	2.26E-04	3.57E-08	1.24E-08	4.18E-05	6.59E-09	2.30E-09	2.09E-04	3.29E-08	1.15E-08	1.91E-05	3.01E-09	1.05E-09
3724	473363.09, 3851877.25	2.12E-04	3.34E-08	1.16E-08	3.53E-05	5.56E-09	1.94E-09	2.18E-04	3.43E-08	1.20E-08	4.08E-05	6.43E-09	2.24E-09	2.01E-04	3.16E-08	1.10E-08	1.86E-05	2.93E-09	1.02E-09
3725	473863.09, 3851877.25	2.16E-04	3.40E-08	1.19E-08	3.59E-05	5.66E-09	1.97E-09	2.22E-04	3.50E-08	1.22E-08	4.15E-05	6.54E-09	2.28E-09	2.05E-04	3.23E-08	1.12E-08	1.89E-05	2.98E-09	1.04E-09
3726	474363.09, 3851877.25	2.46E-04	3.88E-08	1.35E-08	3.91E-05	6.16E-09	2.15E-09	2.53E-04	3.98E-08	1.39E-08	4.52E-05	7.12E-09	2.48E-09	2.35E-04	3.69E-08	1.29E-08	2.06E-05	3.24E-09	1.13E-09
3727	474863.09, 3851877.25	2.85E-04	4.49E-08	1.56E-08	4.13E-05	6.50E-09	2.26E-09	2.92E-04	4.60E-08	1.60E-08	4.77E-05	7.52E-09	2.62E-09	2.74E-04	4.32E-08	1.50E-08	2.17E-05	3.42E-09	1.19E-09
3728	475363.09, 3851877.25	3.12E-04	4.91E-08	1.71E-08	4.22E-05	6.65E-09	2.32E-09	3.19E-04	5.02E-08	1.75E-08	4.88E-05	7.69E-09	2.68E-09	3.02E-04	4.76E-08	1.66E-08	2.22E-05	3.49E-09	1.22E-09
3729	475863.09, 3851877.25	3.26E-04	5.14E-08	1.79E-08	4.33E-05	6.82E-09	2.38E-09	3.33E-04	5.25E-08	1.83E-08	5.01E-05	7.89E-09	2.75E-09	3.16E-04	4.99E-08	1.74E-08	2.27E-05	3.58E-09	1.25E-09
3730	476363.09, 3851877.25	3.13E-04	4.93E-08	1.72E-08	4.43E-05	6.97E-09	2.43E-09	3.21E-04	5.05E-08	1.76E-08	5.12E-05	8.07E-09	2.81E-09	3.02E-04	4.76E-08	1.66E-08	2.32E-05	3.66E-09	1.28E-09
3731	476863.09, 3851877.25	3.39E-04	5.34E-08	1.86E-08	4.89E-05	7.71E-09	2.68E-09	3.48E-04	5.48E-08	1.91E-08	5.66E-05	8.91E-09	3.11E-09	3.27E-04	5.15E-08	1.80E-08	2.56E-05	4.04E-09	1.41E-09
3732	477363.09, 3851877.25	3.62E-04	5.71E-08	1.99E-08	5.55E-05	8.75E-09	3.05E-09	3.72E-04	5.86E-08	2.04E-08	6.43E-05	1.01E-08	3.53E-09	3.47E-04	5.47E-08	1.91E-08	2.91E-05	4.58E-09	1.60E-09
3733	477863.09, 3851877.25	3.72E-04	5.87E-08	2.04E-08	6.27E-05	9.88E-09	3.44E-09	3.83E-04	6.04E-08	2.10E-08	7.25E-05	1.14E-08	3.98E-09	3.53E-04	5.57E-08	1.94E-08	3.28E-05	5.17E-09	1.80E-09
3734	478363.09, 3851877.25	3.68E-04	5.79E-08	2.02E-08	6.86E-05	1.08E-08	3.77E-09	3.79E-04	5.98E-08	2.08E-08	7.94E-05	1.25E-08	4.36E-09	3.45E-04	5.43E-08	1.89E-08	3.59E-05	5.66E-09	1.97E-09
3735	478863.09, 3851877.25	4.11E-04	6.47E-08	2.25E-08	7.21E-05	1.14E-08	3.96E-09	4.23E-04	6.67E-08	2.32E-08	8.35E-05	1.32E-08	4.58E-09	3.88E-04	6.11E-08	2.13E-08	3.77E-05	5.94E-09	2.07E-09
3736	479363.09, 3851877.25	5.24E-04	8.26E-08	2.88E-08	7.34E-05	1.16E-08	4.03E-09	5.37E-04	8.46E-08	2.95E-08	8.49E-05	1.34E-08	4.66E-09	5.07E-04	7.99E-08	2.79E-08	3.84E-05	6.04E-09	2.11E-09
3737	479863.09, 3851877.25	6.00E-04	9.45E-08	3.29E-08	7.31E-05	1.15E-08	4.01E-09	6.12E-04	9.64E-08	3.36E-08	8.46E-05	1.33E-08	4.64E-09	5.87E-04	9.25E-08	3.22E-08	3.82E-05	6.02E-09	2.10E-09
3738	480363.09, 3851877.25	5.84E-04	9.20E-08	3.21E-08	7.13E-05	1.12E-08	3.91E-09	5.96E-04	9.39E-08	3.27E-08	8.25E-05	1.30E-08	4.53E-09	5.72E-04	9.00E-08	3.14E-08	3.73E-05	5.88E-09	2.05E-09
3739	480863.09, 3851877.25	5.71E-04	8.99E-08	3.13E-08	7.58E-05	1.19E-08	4.16E-09	5.84E-04	9.20E-08	3.20E-08	8.77E-05	1.38E-08	4.81E-09	5.55E-04	8.74E-08	3.04E-08	3.96E-05	6.25E-09	2.18E-09
3740	481363.09, 3851877.25	5.77E-04	9.09E-08	3.17E-08	1.03E-04	1.62E-08	5.64E-09	5.95E-04	9.37E-08	3.27E-08	1.19E-04	1.87E-08	6.53E-09	5.45E-04	8.59E-08	2.99E-08	5.36E-05	8.45E-09	2.94E-09
3741	481863.09, 3851877.25	5.16E-04	8.13E-08	2.83E-08	1.17E-04	1.84E-08	6.40E-09	5.36E-04	8.44E-08	2.94E-08	1.35E-04	2.13E-08	7.41E-09	4.72E-04	7.43E-08	2.59E-08	6.09E-05	9.59E-09	3.34E-09
3742	482363.09, 3851877.25	3.83E-04	6.03E-08	2.10E-08	9.14E-05	1.44E-08	5.02E-09	3.98E-04	6.27E-08	2.19E-08	1.06E-04	1.67E-08	5.80E-09	3.46E-04	5.46E-08	1.90E-08	4.78E-05	7.53E-09	2.62E-09
3743	482863.09, 3851877.25	2.90E-04	4.56E-08	1.59E-08	6.41E-05	1.01E-08	3.52E-09	3.01E-04	4.74E-08	1.65E-08	7.41E-05	1.17E-08	4.07E-09	2.65E-04	4.17E-08	1.45E-08	3.37E-05	5.31E-09	1.85E-09
3744	483363.09, 3851877.25	2.88E-04	4.53E-08	1.58E-08	6.42E-05	1.01E-08	3.53E-09	2.98E-04	4.70E-08	1.64E-08	7.43E-05	1.17E-08	4.08E-09	2.62E-04	4.13E-08	1.44E-08	3.37E-05	5.32E-09	1.85E-09
3745	483863.09, 3851877.25	2.57E-04	4.04E-08	1.41E-08	5.63E-05	8.87E-09	3.09E-09	2.66E-04	4.19E-08	1.46E-08	6.51E-05	1.03E-08	3.57E-09	2.35E-04	3.70E-08	1.29E-08	2.96E-05	4.67E-09	1.63E-09
3746	484363.09, 3851877.25	2.78E-04	4.38E-08	1.53E-08	5.96E-05	9.39E-09	3.27E-09	2.88E-04	4.54E-08	1.58E-08	6.89E-05	1.09E-08	3.78E-09	2.55E-04	4.01E-08	1.40E-08	3.14E-05	4.95E-09	1.72E-09
3747	484863.09, 3851877.25	2.53E-04	3.98E-08	1.39E-08	5.27E-05	8.30E-09	2.89E-09	2.62E-04	4.12E-08	1.44E-08	6.09E-05	9.59E-09	3.34E-09	2.32E-04	3.66E-08	1.28E-08	2.78E-05	4.38E-09	1.53E-09
3748	485363.09, 3851877.25	2.49E-04	3.92E-08	1.36E-08	5.00E-05	7.87E-09	2.74E-09	2.57E-04	4.05E-08	1.41E-08	5.77E-05	9.10E-09	3.17E-09	2.30E-04	3.62E-08	1.26E-08	2.64E-05	4.15E-09	1.45E-09

3749	485863.09, 3851877.25	2.59E-04	4.09E-08	1.42E-08	4.83E-05	7.60E-09	2.65E-09	2.68E-04	4.21E-08	1.47E-08	5.58E-05	8.78E-09	3.06E-09	2.42E-04	3.81E-08	1.33E-08	2.56E-05	4.03E-09	1.40E-09
3750	486363.09, 3851877.25	2.41E-04	3.80E-08	1.32E-08	3.79E-05	5.98E-09	2.08E-09	2.48E-04	3.90E-08	1.36E-08	4.38E-05	6.89E-09	2.40E-09	2.29E-04	3.60E-08	1.25E-08	2.02E-05	3.19E-09	1.11E-09
3751	486863.09, 3851877.25	2.38E-04	3.74E-08	1.30E-08	3.56E-05	5.60E-09	1.95E-09	2.44E-04	3.84E-08	1.34E-08	4.10E-05	6.46E-09	2.25E-09	2.26E-04	3.57E-08	1.24E-08	1.90E-05	2.99E-09	1.04E-09
3752	487363.09, 3851877.25	2.23E-04	3.52E-08	1.22E-08	3.45E-05	5.43E-09	1.89E-09	2.29E-04	3.61E-08	1.26E-08	3.98E-05	6.27E-09	2.18E-09	2.12E-04	3.34E-08	1.17E-08	1.83E-05	2.89E-09	1.01E-09
3753	487863.09, 3851877.25	2.04E-04	3.21E-08	1.12E-08	3.10E-05	4.88E-09	1.70E-09	2.09E-04	3.29E-08	1.15E-08	3.58E-05	5.64E-09	1.96E-09	1.94E-04	3.06E-08	1.07E-08	1.65E-05	2.60E-09	9.05E-10
3754	488363.09, 3851877.25	2.17E-04	3.41E-08	1.19E-08	3.25E-05	5.12E-09	1.79E-09	2.22E-04	3.50E-08	1.22E-08	3.75E-05	5.91E-09	2.06E-09	2.07E-04	3.26E-08	1.14E-08	1.73E-05	2.73E-09	9.50E-10
3755	488863.09, 3851877.25	2.22E-04	3.49E-08	1.22E-08	3.15E-05	4.97E-09	1.73E-09	2.27E-04	3.58E-08	1.25E-08	3.64E-05	5.73E-09	2.00E-09	2.13E-04	3.35E-08	1.17E-08	1.68E-05	2.65E-09	9.24E-10
3756	489363.09, 3851877.25	2.26E-04	3.57E-08	1.24E-08	3.23E-05	5.08E-09	1.77E-09	2.32E-04	3.65E-08	1.27E-08	3.72E-05	5.86E-09	2.04E-09	2.17E-04	3.42E-08	1.19E-08	1.72E-05	2.72E-09	9.46E-10
3757	489863.09, 3851877.25	2.34E-04	3.68E-08	1.28E-08	3.47E-05	5.47E-09	1.90E-09	2.39E-04	3.77E-08	1.31E-08	4.00E-05	6.31E-09	2.20E-09	2.23E-04	3.51E-08	1.22E-08	1.85E-05	2.92E-09	1.02E-09
3758	490363.09, 3851877.25	2.50E-04	3.93E-08	1.37E-08	3.89E-05	6.13E-09	2.13E-09	2.56E-04	4.04E-08	1.41E-08	4.49E-05	7.07E-09	2.46E-09	2.37E-04	3.74E-08	1.30E-08	2.07E-05	3.26E-09	1.14E-09
3759	490863.09, 3851877.25	2.65E-04	4.17E-08	1.45E-08	4.32E-05	6.81E-09	2.37E-09	2.72E-04	4.28E-08	1.49E-08	4.99E-05	7.86E-09	2.74E-09	2.51E-04	3.95E-08	1.38E-08	2.29E-05	3.62E-09	1.26E-09
3760	491363.09, 3851877.25	2.80E-04	4.41E-08	1.53E-08	4.77E-05	7.51E-09	2.62E-09	2.88E-04	4.53E-08	1.58E-08	5.51E-05	8.68E-09	3.02E-09	2.64E-04	4.15E-08	1.45E-08	2.53E-05	3.98E-09	1.39E-09
3761	491863.09, 3851877.25	2.95E-04	4.65E-08	1.62E-08	5.18E-05	8.16E-09	2.84E-09	3.04E-04	4.79E-08	1.67E-08	5.98E-05	9.42E-09	3.28E-09	2.78E-04	4.38E-08	1.52E-08	2.74E-05	4.32E-09	1.50E-09
3762	492363.09, 3851877.25	3.02E-04	4.76E-08	1.66E-08	5.34E-05	8.42E-09	2.93E-09	3.11E-04	4.90E-08	1.71E-08	6.17E-05	9.72E-09	3.39E-09	2.84E-04	4.47E-08	1.56E-08	2.83E-05	4.45E-09	1.55E-09
3763	492863.09, 3851877.25	2.90E-04	4.56E-08	1.59E-08	4.90E-05	7.72E-09	2.69E-09	2.98E-04	4.69E-08	1.64E-08	5.66E-05	8.92E-09	3.11E-09	2.73E-04	4.30E-08	1.50E-08	2.60E-05	4.10E-09	1.43E-09
3764	493363.09, 3851877.25	3.40E-04	5.35E-08	1.86E-08	6.08E-05	9.58E-09	3.34E-09	3.50E-04	5.51E-08	1.92E-08	7.03E-05	1.11E-08	3.86E-09	3.18E-04	5.01E-08	1.75E-08	3.22E-05	5.07E-09	1.77E-09
3765	493863.09, 3851877.25	3.97E-04	6.26E-08	2.18E-08	7.43E-05	1.17E-08	4.08E-09	4.10E-04	6.46E-08	2.25E-08	8.58E-05	1.35E-08	4.71E-09	3.71E-04	5.84E-08	2.03E-08	3.93E-05	6.18E-09	2.15E-09
3766	494363.09, 3851877.25	4.03E-04	6.35E-08	2.21E-08	7.42E-05	1.17E-08	4.07E-09	4.16E-04	6.55E-08	2.28E-08	8.57E-05	1.35E-08	4.70E-09	3.76E-04	5.93E-08	2.07E-08	3.93E-05	6.19E-09	2.15E-09
3767	494863.09, 3851877.25	4.40E-04	6.93E-08	2.41E-08	8.35E-05	1.32E-08	4.58E-09	4.54E-04	7.15E-08	2.49E-08	9.65E-05	1.52E-08	5.30E-09	4.09E-04	6.45E-08	2.25E-08	4.41E-05	6.95E-09	2.42E-09
3768	495363.09, 3851877.25	4.61E-04	7.27E-08	2.53E-08	8.93E-05	1.41E-08	4.90E-09	4.77E-04	7.51E-08	2.62E-08	1.03E-04	1.63E-08	5.66E-09	4.29E-04	6.75E-08	2.35E-08	4.71E-05	7.42E-09	2.59E-09
3769	495863.09, 3851877.25	4.78E-04	7.53E-08	2.62E-08	9.30E-05	1.46E-08	5.10E-09	4.94E-04	7.77E-08	2.71E-08	1.07E-04	1.69E-08	5.90E-09	4.44E-04	6.99E-08	2.43E-08	4.90E-05	7.72E-09	2.69E-09
3770	496363.09, 3851877.25	4.82E-04	7.59E-08	2.64E-08	9.26E-05	1.46E-08	5.08E-09	4.97E-04	7.84E-08	2.73E-08	1.07E-04	1.69E-08	5.87E-09	4.48E-04	7.06E-08	2.46E-08	4.89E-05	7.70E-09	2.68E-09
3771	496863.09, 3851877.25	4.85E-04	7.63E-08	2.66E-08	9.14E-05	1.44E-08	5.02E-09	5.00E-04	7.88E-08	2.74E-08	1.06E-04	1.66E-08	5.80E-09	4.51E-04	7.11E-08	2.48E-08	4.83E-05	7.61E-09	2.65E-09
3772	497363.09, 3851877.25	4.84E-04	7.63E-08	2.66E-08	8.96E-05	1.41E-08	4.92E-09	4.99E-04	7.87E-08	2.74E-08	1.03E-04	1.63E-08	5.68E-09	4.52E-04	7.12E-08	2.48E-08	4.73E-05	7.46E-09	2.60E-09
3773	497863.09, 3851877.25	4.71E-04	7.43E-08	2.59E-08	8.42E-05	1.33E-08	4.62E-09	4.86E-04	7.65E-08	2.67E-08	9.73E-05	1.53E-08	5.34E-09	4.42E-04	6.96E-08	2.42E-08	4.46E-05	7.02E-09	2.45E-09
3774	498363.09, 3851877.25	4.60E-04	7.25E-08	2.53E-08	7.91E-05	1.25E-08	4.34E-09	4.74E-04	7.46E-08	2.60E-08	9.14E-05	1.44E-08	5.02E-09	4.33E-04	6.82E-08	2.38E-08	4.19E-05	6.61E-09	2.30E-09
3775	471363.09, 3852377.25	1.80E-04	2.83E-08	9.85E-09	2.65E-05	4.17E-09	1.45E-09	1.84E-04	2.90E-08	1.01E-08	3.06E-05	4.82E-09	1.68E-09	1.72E-04	2.71E-08	9.44E-09	1.40E-05	2.21E-09	7.69E-10
3776	471863.09, 3852377.25	1.96E-04	3.08E-08	1.07E-08	3.00E-05	4.72E-09	1.65E-09	2.01E-04	3.16E-08	1.10E-08	3.46E-05	5.46E-09	1.90E-09	1.87E-04	2.94E-08	1.03E-08	1.58E-05	2.50E-09	8.70E-10
3777	472363.09, 3852377.25	2.08E-04	3.27E-08	1.14E-08	3.27E-05	5.15E-09	1.80E-09	2.13E-04	3.36E-08	1.17E-08	3.78E-05	5.96E-09	2.08E-09	1.98E-04	3.12E-08	1.09E-08	1.73E-05	2.72E-09	9.48E-10
3778	472863.09, 3852377.25	2.18E-04	3.44E-08	1.20E-08	3.52E-05	5.55E-09	1.93E-09	2.24E-04	3.54E-08	1.23E-08	4.07E-05	6.41E-09	2.23E-09	2.07E-04	3.27E-08	1.14E-08	1.86E-05	2.93E-09	1.02E-09
3779	473363.09, 3852377.25	2.26E-04	3.56E-08	1.24E-08	3.72E-05	5.86E-09	2.04E-09	2.32E-04	3.66E-08	1.27E-08	4.30E-05	6.77E-09	2.36E-09	2.14E-04	3.37E-08	1.18E-08	1.96E-05	3.09E-09	1.08E-09
3780	473863.09, 3852377.25	2.32E-04	3.65E-08	1.27E-08	3.87E-05	6.10E-09	2.12E-09	2.38E-04	3.75E-08	1.31E-08	4.47E-05	7.05E-09	2.46E-09	2.19E-04	3.46E-08	1.20E-08	2.04E-05	3.21E-09	1.12E-09
3781	474363.09, 3852377.25	2.39E-04	3.77E-08	1.31E-08	4.06E-05	6.40E-09	2.23E-09	2.46E-04	3.88E-08	1.35E-08	4.69E-05	7.40E-09	2.58E-09	2.26E-04	3.57E-08	1.24E-08	2.14E-05	3.37E-09	1.17E-09
3782	474863.09, 3852377.25	2.94E-04	4.63E-08	1.61E-08	4.84E-05	7.62E-09	2.65E-09	3.02E-04	4.76E-08	1.66E-08	5.59E-05	8.81E-09	3.07E-09	2.79E-04	4.39E-08	1.53E-08	2.54E-05	4.01E-09	1.40E-09
3783	475363.09, 3852377.25	3.04E-04	4.79E-08	1.67E-08	4.95E-05	7.80E-09	2.72E-09	3.12E-04	4.92E-08	1.71E-08	5.72E-05	9.02E-09	3.14E-09	2.89E-04	4.55E-08	1.59E-08	2.60E-05	4.10E-09	1.43E-09
3784	475863.09, 3852377.25	3.12E-04	4.91E-08	1.71E-08	4.95E-05	7.80E-09	2.72E-09	3.20E-04	5.04E-08	1.76E-08	5.73E-05	9.02E-09	3.14E-09	2.97E-04	4.68E-08	1.63E-08	2.60E-05	4.10E-09	1.43E-09
3785	476363.09, 3852377.25	3.06E-04	4.81E-08	1.68E-08	4.84E-05	7.63E-09	2.66E-09	3.14E-04	4.94E-08	1.72E-08	5.60E-05	8.82E-09	3.07E-09	2.92E-04	4.59E-08	1.60E-08	2.54E-05	4.01E-09	1.40E-09
3786	476863.09, 3852377.25	3.16E-04	4.98E-08	1.73E-08	4.95E-05	7.80E-09	2.72E-09	3.24E-04	5.11E-08	1.78E-08	5.73E-05	9.02E-09	3.14E-09	3.02E-04	4.76E-08	1.66E-08	2.60E-05	4.09E-09	1.43E-09
3787	477363.09, 3852377.25	3.18E-04	5.01E-08	1.74E-08	5.08E-05	8.00E-09	2.79E-09	3.27E-04	5.14E-08	1.79E-08	5.87E-05	9.25E-09	3.22E-09	3.03E-04	4.78E-08	1.66E-08	2.66E-05	4.19E-09	1.46E-09
3788	477863.09, 3852377.25	2.87E-04	4.52E-08	1.57E-08	4.93E-05	7.77E-09	2.71E-09	2.95E-04	4.65E-08	1.62E-08	5.71E-05	8.99E-09	3.13E-09	2.71E-04	4.27E-08	1.49E-08	2.59E-05	4.08E-09	1.42E-09
3789	478363.09, 3852377.25	2.75E-04	4.34E-08	1.51E-08	5.14E-05	8.09E-09	2.82E-09	2.84E-04	4.47E-08	1.56E-08	5.94E-05	9.36E-09	3.26E-09	2.58E-04	4.06E-08	1.41E-08	2.70E-05	4.25E-09	1.48E-09
3790	478863.09, 3852377.25	3.26E-04	5.13E-08	1.79E-08	6.79E-05	1.07E-08	3.73E-09	3.37E-04	5.31E-08	1.85E-08	7.86E-05	1.24E-08	4.31E-09	3.01E-04	4.74E-08	1.65E-08	3.55E-05	5.60E-09	1.95E-09
3791	479363.09, 3852377.25	3.67E-04	5.79E-08	2.02E-08	7.98E-05	1.26E-08	4.38E-09	3.81E-04	6.00E-08	2.09E-08	9.23E-05	1.45E-08	5.07E-09	3.38E-04	5.32E-08	1.85E-08	4.17E-05	6.57E-09	2.29E-09
3792	479863.09, 3852377.25	5.25E-04	8.27E-08	2.88E-08	8.93E-05	1.41E-08	4.90E-09	5.40E-04	8.51E-08	2.96E-08	1.03E-04	1.63E-08	5.67E-09	4.98E-04	7.84E-08	2.73E-08	4.67E-05	7.35E-09	2.56E-09
3793	480363.09, 3852377.25	7.02E-04	1.11E-07	3.85E-08	9.02E-05	1.42E-08	4.95E-09	7.17E-04	1.13E-07	3.94E-08	1.04E-04	1.65E-08	5.73E-09	6.84E-04	1.08E-07	3.76E-08	4.72E-05	7.43E-09	2.59E-09
3794	480863.09, 3852377.25	6.86E-04	1.08E-07	3.76E-08	8.87E-05	1.40E-08	4.87E-09	7.01E-04	1.10E-07	3.85E-08	1.03E-04	1.62E-08	5.64E-09	6.68E-04	1.05E-07	3.67E-08	4.64E-05	7.31E-09	2.55E-09
3795	481363.09, 3852377.25	6.72E-04	1.06E-07	3.69E-08	9.15E-05	1.44E-08	5.02E-09	6.87E-04	1.08E-07	3.77E-08	1.06E-04	1.67E-08	5.81E-09	6.51E-04	1.03E-07	3.58E-08	4.78E-05	7.54E-09	2.63E-09
3796	481863.09, 3852377.25	6.59E-04	1.04E-07	3.62E-08	1.25E-04	1.96E-08	6.84E-09	6.81E-04	1.07E-07	3.74E-08	1.44E-04	2.27E-08	7.92E-09	6.18E-04	9.74E-08	3.39E-08	6.50E-05	1.02E-08	3.57E-09
3797	482363.09, 3852377.25	6.19E-04	9.75E-08	3.40E-08	1.42E-04	2.24E-08	7.81E-09	6.43E-04	1.01E-07	3.53E-08	1.65E-04	2.59E-08	9.04E-09	5.65E-04	8.89E-08	3.10E-08	7.42E-05	1.17E-08	4.07E-09
3798	482863.09, 3852377.25	5.06E-04	7.97E-08	2.78E-08	1.19E-04	1.87E-08	6.51E-09	5.26E-04	8.29E-08	2.89E-08	1.37E-04	2.16E-08	7.53E-09	4.60E-04	7.25E-08	2.52E-08	6.19E-05	9.76E-09	3.40E-09
3799	483363.09, 3852377.25	3.82E-04	6.03E-08	2.10E-08	9.55E-05	1.50E-08	5.24E-09	3.99E-04	6.28E-08	2.19E-08	1.10E-04	1.74E-08	6.06E-09	3.43E-04	5.40E-08	1.88E-08	5.00E-05	7.88E-09	2.74E-09
3800	483863.09, 3852377.25	3.12E-04	4.92E-08	1.71E-08	7.31E-05	1.15E-08	4.01E-09	3.25E-04	5.12E-08	1.78E-08	8.45E-05	1.33E-08	4.64E-09	2.83E-04	4.46E-08	1.55E-08	3.84E-05	6.04E-09	2.11E-09
3801	484363.09, 3852377.25	3.32E-04	5.23E-08	1.82E-08	8.02E-05	1.26E-08	4.40E-09	3.46E-04	5.45E-08	1.90E-08	9.28E-05	1.46E-08	5.09E-09	2.99E-04	4.71E-08	1.64E-08	4.21E-05	6.63E-09	2.31E-09
3802	484863.09, 3852377.25	3.43E-04	5.40E-08	1.88E-08	7.87E-05	1.24E-08	4.32E-09	3.56E-04	5.61E-08	1.96E-08	9.10E-05	1.43E-08	5.00E-09	3.11E-04	4.90E-08	1.71E-08	4.14E-05	6.52E-09	2.27E-09
3803	485363.09, 3852377.25	3.42E-04	5.39E-08	1.88E-08	7.66E-05	1.21E-08	4.20E-09	3.55E-04	5.59E-08	1.95E-08	8.85E-05	1.39E-08	4.86E-09	3.12E-04	4.91E-08	1.71E-08	4.02E-05	6.34E-09	2.21E-09
3804	485863.09, 3852377.25	3.18E-04	5.01E-08	1.74E-08	6.44E-05	1.01E-08	3.53E-09	3.29E-04	5.18E-08	1.80E-08	7.44E-05	1.17E-08	4.08E-09	2.93E-04	4.62E-08	1.61E-08	3.40E-05	5.35E-09	1.86E-09
3805	486363.09, 3852377.25	2.88E-04	4.54E-08	1.58E-08	4.78E-05	7.54E-09	2.63E-09	2.96E-04	4.66E-08	1.63E-08	5.52E-05	8.70E-09	3.03E-09	2.72E-04	4.28E-08	1.49E-08	2.54E-05	4.01E-09	1.40E-09
3806	486863.09, 3852377.25	2.82E-04	4.45E-08	1.55E-08	4.38E-05	6.90E-09	2.41E-09	2.90E-04	4.57E-08	1.59E-08	5.06E-05	7.97E-09	2.78E-09	2.68E-04	4.22E-08	1.47E-08	2.34E-05	3.68E-09	1.28E-09
3807	487363.09, 3852377.25	2.63E-04	4.14E-08	1.44E-08	4.01E-05	6.31E-09	2.20E-09	2.69E-04	4.24E-08	1.48E-08	4.63E-05	7.29E-09	2.54E-09	2.50E-04	3.94E-08	1.37E-08	2.13E-05	3.36E-09	1.17E-09
3808	487863.09, 3852377.25	2.51E-04	3.96E-08	1.38E-08	3.83E-05	6.04E-09	2.10E-09	2.58E-04	4.06E-08	1.41E-08	4.43E-05	6.97E-09	2.43E-09	2.40E-04	3.78E-08	1.32E-08	2.04E-05	3.21E-09	1.12E-09
3809	488363.09, 3852377.25	2.55E-04	4.01E-08	1.40E-08	3.72E-05	5.87E-09	2.04E-09	2.61E-04	4.11E-08	1.43E-08	4.30E-05	6.77E-09	2.36E-09	2.44E-04	3.84E-08	1.34E-08	1.98E-05	3.12E-09	1.09E-09
3810	488863.09, 3852377.25	2.60E-04	4.10E-08	1.43E-08	3.72E-05	5.86E-09	2.04E-09	2.66E-04	4.20E-08	1.46E-08	4.29E-05	6.76E-09	2.36E-09	2.49E-04	3.93E-08	1.37E-08	1.99E-05	3.13E-09	1.09E-09
3811	489363.09, 3852377.25	2.68E-04	4.21E-08	1.47E-08	4.00E-05	6.31E-09	2.20E-09	2.74E-04	4.32E-08	1.51E-08	4.62E-05	7.28E-09	2.54E-09	2.55E-04	4.02E-08	1.40E-08	2.13E-05	3.36E-09	1.17E-09
3812	489863.09, 3852377.25	2.69E-04	4.23E-08	1.47E-08	4.13E-05	6.51E-09	2.27E-09	2.76E-04	4.34E-08	1.51E-08	4.77E-05	7.52E-09	2.62E-09	2.56E-04	4.03E-08	1.40E-08	2.20E-05	3.47E-09	1.21E-09
3813	490363.09, 3852377.25	3.00E-04	4.72E-08	1.64E-08	4.99E-05	7.86E-09	2.74E-09	3.08E-04	4.85E-08	1.69E-08	5.76E-05	9.08E-09	3.16E-09	2.83E-04	4.46E-08	1.55E-08	2.65E-05	4.17E-09	1.45E-09
3814	490863.09, 3852377.25	3.27E-04	5.15E-08	1.79E-08	5.81E-05	9.15E-09	3.19E-09	3.37E-04	5.31E-08	1.85E-08	6.71E-05	1.06E-08	3.68E-09	3.07E-04	4.84E-08	1.69E-08	3.07E-05	4.84E-09	1.69E-09
3815	491363.09, 3852377.25	3.79E-04	5.97E-08	2.08E-08	7.28E-05	1.15E-08	3.99E-09	3.91E-04	6.17E-08	2.15E-08	8.41E-05	1.32E-08	4.61E-09	3.53E-04	5.56E-08	1.94E-08	3.84E-05	6.05E-09	2.11E-09

3816	491863.09, 3852377.25	4.03E-04	6.35E-08	2.21E-08	7.94E-05	1.25E-08	4.36E-09	4.16E-04	6.56E-08	2.28E-08	9.17E-05	1.45E-08	5.04E-09	3.74E-04	5.89E-08	2.05E-08	4.18E-05	6.59E-09	2.30E-09
3817	492363.09, 3852377.25	4.25E-04	6.70E-08	2.33E-08	8.45E-05	1.33E-08	4.64E-09	4.40E-04	6.93E-08	2.41E-08	9.77E-05	1.54E-08	5.36E-09	3.94E-04	6.21E-08	2.16E-08	4.46E-05	7.02E-09	2.45E-09
3818	492863.09, 3852377.25	4.65E-04	7.32E-08	2.55E-08	9.37E-05	1.48E-08	5.14E-09	4.81E-04	7.57E-08	2.64E-08	1.08E-04	1.71E-08	5.94E-09	4.30E-04	6.77E-08	2.36E-08	4.94E-05	7.78E-09	2.71E-09
3819	493363.09, 3852377.25	5.23E-04	8.24E-08	2.87E-08	1.08E-04	1.70E-08	5.91E-09	5.41E-04	8.53E-08	2.97E-08	1.25E-04	1.96E-08	6.83E-09	4.82E-04	7.59E-08	2.65E-08	5.68E-05	8.94E-09	3.11E-09
3820	493863.09, 3852377.25	5.36E-04	8.45E-08	2.94E-08	1.09E-04	1.72E-08	6.01E-09	5.55E-04	8.74E-08	3.05E-08	1.27E-04	1.99E-08	6.94E-09	4.95E-04	7.80E-08	2.72E-08	5.77E-05	9.09E-09	3.17E-09
3821	494363.09, 3852377.25	5.42E-04	8.54E-08	2.97E-08	1.10E-04	1.74E-08	6.05E-09	5.61E-04	8.83E-08	3.08E-08	1.27E-04	2.01E-08	6.99E-09	5.00E-04	7.88E-08	2.75E-08	5.81E-05	9.15E-09	3.19E-09
3822	494863.09, 3852377.25	5.69E-04	8.96E-08	3.12E-08	1.17E-04	1.85E-08	6.44E-09	5.89E-04	9.27E-08	3.23E-08	1.36E-04	2.14E-08	7.44E-09	5.24E-04	8.26E-08	2.88E-08	6.18E-05	9.73E-09	3.39E-09
3823	495363.09, 3852377.25	5.98E-04	9.42E-08	3.28E-08	1.24E-04	1.96E-08	6.83E-09	6.19E-04	9.75E-08	3.40E-08	1.44E-04	2.27E-08	7.89E-09	5.51E-04	8.67E-08	3.02E-08	6.55E-05	1.03E-08	3.59E-09
3824	495863.09, 3852377.25	5.92E-04	9.32E-08	3.25E-08	1.21E-04	1.90E-08	6.63E-09	6.12E-04	9.64E-08	3.36E-08	1.40E-04	2.20E-08	7.66E-09	5.46E-04	8.60E-08	3.00E-08	6.36E-05	1.00E-08	3.49E-09
3825	496363.09, 3852377.25	5.85E-04	9.22E-08	3.21E-08	1.17E-04	1.84E-08	6.40E-09	6.05E-04	9.53E-08	3.32E-08	1.35E-04	2.12E-08	7.40E-09	5.42E-04	8.54E-08	2.97E-08	6.15E-05	9.68E-09	3.37E-09
3826	496863.09, 3852377.25	5.85E-04	9.22E-08	3.21E-08	1.14E-04	1.79E-08	6.25E-09	6.04E-04	9.52E-08	3.32E-08	1.32E-04	2.07E-08	7.22E-09	5.43E-04	8.56E-08	2.98E-08	6.00E-05	9.46E-09	3.29E-09
3827	497363.09, 3852377.25	5.58E-04	8.79E-08	3.06E-08	1.04E-04	1.64E-08	5.72E-09	5.76E-04	9.07E-08	3.16E-08	1.20E-04	1.90E-08	6.60E-09	5.20E-04	8.20E-08	2.86E-08	5.50E-05	8.67E-09	3.02E-09
3828	497863.09, 3852377.25	5.32E-04	8.38E-08	2.92E-08	9.43E-05	1.48E-08	5.17E-09	5.48E-04	8.64E-08	3.01E-08	1.09E-04	1.72E-08	5.98E-09	4.99E-04	7.86E-08	2.74E-08	4.99E-05	7.86E-09	2.74E-09
3829	498363.09, 3852377.25	5.08E-04	8.00E-08	2.79E-08	8.54E-05	1.35E-08	4.69E-09	5.22E-04	8.23E-08	2.87E-08	9.86E-05	1.55E-08	5.41E-09	4.79E-04	7.54E-08	2.63E-08	4.53E-05	7.14E-09	2.49E-09
3830	471363.09, 3852877.25	1.95E-04	3.08E-08	1.07E-08	2.95E-05	4.65E-09	1.62E-09	2.00E-04	3.16E-08	1.10E-08	3.41E-05	5.37E-09	1.87E-09	1.87E-04	2.94E-08	1.02E-08	1.56E-05	2.46E-09	8.57E-10
3831	471863.09, 3852877.25	2.08E-04	3.28E-08	1.14E-08	3.21E-05	5.06E-09	1.76E-09	2.13E-04	3.36E-08	1.17E-08	3.71E-05	5.84E-09	2.04E-09	1.98E-04	3.13E-08	1.09E-08	1.70E-05	2.67E-09	9.31E-10
3832	472363.09, 3852877.25	2.21E-04	3.49E-08	1.22E-08	3.50E-05	5.51E-09	1.92E-09	2.27E-04	3.58E-08	1.25E-08	4.04E-05	6.37E-09	2.22E-09	2.11E-04	3.32E-08	1.16E-08	1.85E-05	2.91E-09	1.01E-09
3833	472863.09, 3852877.25	2.33E-04	3.66E-08	1.28E-08	3.72E-05	5.87E-09	2.04E-09	2.39E-04	3.76E-08	1.31E-08	4.30E-05	6.78E-09	2.36E-09	2.21E-04	3.48E-08	1.21E-08	1.96E-05	3.09E-09	1.08E-09
3834	473363.09, 3852877.25	2.45E-04	3.86E-08	1.34E-08	3.99E-05	6.29E-09	2.19E-09	2.52E-04	3.97E-08	1.38E-08	4.62E-05	7.27E-09	2.53E-09	2.33E-04	3.66E-08	1.28E-08	2.11E-05	3.32E-09	1.16E-09
3835	473863.09, 3852877.25	2.62E-04	4.13E-08	1.44E-08	4.34E-05	6.83E-09	2.38E-09	2.69E-04	4.24E-08	1.48E-08	5.01E-05	7.90E-09	2.75E-09	2.48E-04	3.91E-08	1.36E-08	2.29E-05	3.60E-09	1.25E-09
3836	474363.09, 3852877.25	2.81E-04	4.43E-08	1.54E-08	4.75E-05	7.49E-09	2.61E-09	2.89E-04	4.56E-08	1.59E-08	5.49E-05	8.66E-09	3.02E-09	2.66E-04	4.19E-08	1.46E-08	2.50E-05	3.94E-09	1.37E-09
3837	474863.09, 3852877.25	2.70E-04	4.25E-08	1.48E-08	4.62E-05	7.28E-09	2.54E-09	2.78E-04	4.38E-08	1.53E-08	5.34E-05	8.41E-09	2.93E-09	2.55E-04	4.02E-08	1.40E-08	2.43E-05	3.83E-09	1.34E-09
3838	475363.09, 3852877.25	2.95E-04	4.65E-08	1.62E-08	5.11E-05	8.05E-09	2.80E-09	3.04E-04	4.79E-08	1.67E-08	5.91E-05	9.31E-09	3.24E-09	2.79E-04	4.39E-08	1.53E-08	2.69E-05	4.23E-09	1.48E-09
3839	475863.09, 3852877.25	3.04E-04	4.80E-08	1.67E-08	5.34E-05	8.41E-09	2.93E-09	3.13E-04	4.94E-08	1.72E-08	6.17E-05	9.72E-09	3.39E-09	2.87E-04	4.52E-08	1.57E-08	2.81E-05	4.42E-09	1.54E-09
3840	476363.09, 3852877.25	2.94E-04	4.64E-08	1.62E-08	5.20E-05	8.19E-09	2.85E-09	3.03E-04	4.78E-08	1.66E-08	6.02E-05	9.48E-09	3.30E-09	2.77E-04	4.37E-08	1.52E-08	2.73E-05	4.31E-09	1.50E-09
3841	476863.09, 3852877.25	2.70E-04	4.25E-08	1.48E-08	4.73E-05	7.45E-09	2.59E-09	2.78E-04	4.38E-08	1.52E-08	5.47E-05	8.61E-09	3.00E-09	2.54E-04	4.01E-08	1.40E-08	2.49E-05	3.92E-09	1.36E-09
3842	477363.09, 3852877.25	2.49E-04	3.92E-08	1.37E-08	4.28E-05	6.75E-09	2.35E-09	2.56E-04	4.04E-08	1.41E-08	4.95E-05	7.80E-09	2.72E-09	2.35E-04	3.71E-08	1.29E-08	2.25E-05	3.55E-09	1.24E-09
3843	477863.09, 3852877.25	2.29E-04	3.61E-08	1.26E-08	3.80E-05	5.99E-09	2.09E-09	2.35E-04	3.71E-08	1.29E-08	4.39E-05	6.92E-09	2.41E-09	2.17E-04	3.42E-08	1.19E-08	2.00E-05	3.15E-09	1.10E-09
3844	478363.09, 3852877.25	2.02E-04	3.18E-08	1.11E-08	2.98E-05	4.69E-09	1.63E-09	2.07E-04	3.26E-08	1.14E-08	3.44E-05	5.42E-09	1.89E-09	1.94E-04	3.05E-08	1.06E-08	1.57E-05	2.48E-09	8.63E-10
3845	478863.09, 3852877.25	2.29E-04	3.61E-08	1.26E-08	3.58E-05	5.64E-09	1.97E-09	2.35E-04	3.70E-08	1.29E-08	4.14E-05	6.52E-09	2.27E-09	2.19E-04	3.44E-08	1.20E-08	1.89E-05	2.97E-09	1.04E-09
3846	479363.09, 3852877.25	2.81E-04	4.43E-08	1.54E-08	5.32E-05	8.37E-09	2.92E-09	2.90E-04	4.57E-08	1.59E-08	6.15E-05	9.68E-09	3.37E-09	2.63E-04	4.14E-08	1.44E-08	2.79E-05	4.40E-09	1.53E-09
3847	479863.09, 3852877.25	4.17E-04	6.57E-08	2.29E-08	9.15E-05	1.44E-08	5.02E-09	4.32E-04	6.81E-08	2.37E-08	1.06E-04	1.67E-08	5.81E-09	3.82E-04	6.02E-08	2.10E-08	4.78E-05	7.54E-09	2.63E-09
3848	480363.09, 3852877.25	6.63E-04	1.04E-07	3.64E-08	1.10E-04	1.73E-08	6.04E-09	6.82E-04	1.07E-07	3.74E-08	1.27E-04	2.01E-08	6.99E-09	6.31E-04	9.93E-08	3.46E-08	5.75E-05	9.05E-09	3.15E-09
3849	480863.09, 3852877.25	7.81E-04	1.23E-07	4.29E-08	1.16E-04	1.82E-08	6.35E-09	8.01E-04	1.26E-07	4.40E-08	1.34E-04	2.11E-08	7.35E-09	7.52E-04	1.18E-07	4.13E-08	6.04E-05	9.52E-09	3.32E-09
3850	481363.09, 3852877.25	8.32E-04	1.31E-07	4.57E-08	1.14E-04	1.79E-08	6.25E-09	8.51E-04	1.34E-07	4.67E-08	1.32E-04	2.08E-08	7.24E-09	8.07E-04	1.27E-07	4.43E-08	5.95E-05	9.38E-09	3.27E-09
3851	481863.09, 3852877.25	7.96E-04	1.25E-07	4.37E-08	1.15E-04	1.81E-08	6.31E-09	8.16E-04	1.29E-07	4.48E-08	1.33E-04	2.09E-08	7.30E-09	7.69E-04	1.21E-07	4.22E-08	6.00E-05	9.46E-09	3.30E-09
3852	482363.09, 3852877.25	7.99E-04	1.26E-07	4.38E-08	1.56E-04	2.46E-08	8.56E-09	8.26E-04	1.30E-07	4.53E-08	1.80E-04	2.84E-08	9.91E-09	7.46E-04	1.18E-07	4.09E-08	8.14E-05	1.28E-08	4.47E-09
3853	482863.09, 3852877.25	7.59E-04	1.20E-07	4.16E-08	1.79E-04	2.82E-08	9.81E-09	7.90E-04	1.24E-07	4.33E-08	2.07E-04	3.26E-08	1.14E-08	6.90E-04	1.09E-07	3.78E-08	9.32E-05	1.47E-08	5.12E-09
3854	483363.09, 3852877.25	5.88E-04	9.26E-08	3.22E-08	1.50E-04	2.37E-08	8.25E-09	6.13E-04	9.66E-08	3.37E-08	1.74E-04	2.74E-08	9.54E-09	5.26E-04	8.29E-08	2.89E-08	7.85E-05	1.24E-08	4.31E-09
3855	483863.09, 3852877.25	4.23E-04	6.67E-08	2.32E-08	1.11E-04	1.75E-08	6.11E-09	4.42E-04	6.97E-08	2.43E-08	1.29E-04	2.03E-08	7.07E-09	3.76E-04	5.92E-08	2.06E-08	5.83E-05	9.19E-09	3.20E-09
3856	484363.09, 3852877.25	4.42E-04	6.97E-08	2.43E-08	1.18E-04	1.86E-08	6.50E-09	4.62E-04	7.28E-08	2.54E-08	1.37E-04	2.16E-08	7.52E-09	3.92E-04	6.18E-08	2.15E-08	6.19E-05	9.75E-09	3.40E-09
3857	484863.09, 3852877.25	4.52E-04	7.13E-08	2.48E-08	1.13E-04	1.78E-08	6.20E-09	4.72E-04	7.43E-08	2.59E-08	1.31E-04	2.06E-08	7.17E-09	4.06E-04	6.39E-08	2.23E-08	5.92E-05	9.32E-09	3.25E-09
3858	485363.09, 3852877.25	3.59E-04	5.66E-08	1.97E-08	7.68E-05	1.21E-08	4.21E-09	3.72E-04	5.86E-08	2.04E-08	8.88E-05	1.40E-08	4.87E-09	3.29E-04	5.18E-08	1.81E-08	4.05E-05	6.38E-09	2.22E-09
3859	485863.09, 3852877.25	3.24E-04	5.10E-08	1.78E-08	6.16E-05	9.70E-09	3.38E-09	3.34E-04	5.27E-08	1.83E-08	7.12E-05	1.12E-08	3.91E-09	3.02E-04	4.75E-08	1.65E-08	3.25E-05	5.13E-09	1.79E-09
3860	486363.09, 3852877.25	3.13E-04	4.94E-08	1.72E-08	4.92E-05	7.76E-09	2.70E-09	3.22E-04	5.07E-08	1.77E-08	5.68E-05	8.95E-09	3.12E-09	2.97E-04	4.69E-08	1.63E-08	2.62E-05	4.13E-09	1.44E-09
3861	486863.09, 3852877.25	3.24E-04	5.10E-08	1.78E-08	4.83E-05	7.61E-09	2.65E-09	3.32E-04	5.23E-08	1.82E-08	5.57E-05	8.78E-09	3.06E-09	3.09E-04	4.86E-08	1.69E-08	2.57E-05	4.06E-09	1.41E-09
3862	487363.09, 3852877.25	3.12E-04	4.91E-08	1.71E-08	4.54E-05	7.16E-09	2.49E-09	3.19E-04	5.03E-08	1.75E-08	5.24E-05	8.26E-09	2.88E-09	2.98E-04	4.70E-08	1.64E-08	2.42E-05	3.81E-09	1.33E-09
3863	487863.09, 3852877.25	3.09E-04	4.87E-08	1.70E-08	4.63E-05	7.30E-09	2.54E-09	3.17E-04	4.99E-08	1.74E-08	5.35E-05	8.43E-09	2.94E-09	2.96E-04	4.66E-08	1.62E-08	2.46E-05	3.88E-09	1.35E-09
3864	488363.09, 3852877.25	2.81E-04	4.42E-08	1.54E-08	3.95E-05	6.22E-09	2.17E-09	2.87E-04	4.53E-08	1.58E-08	4.56E-05	7.18E-09	2.50E-09	2.70E-04	4.25E-08	1.48E-08	2.11E-05	3.32E-09	1.16E-09
3865	488863.09, 3852877.25	3.19E-04	5.02E-08	1.75E-08	4.88E-05	7.69E-09	2.68E-09	3.27E-04	5.15E-08	1.79E-08	5.64E-05	8.88E-09	3.09E-09	3.04E-04	4.78E-08	1.67E-08	2.60E-05	4.09E-09	1.43E-09
3866	489363.09, 3852877.25	3.41E-04	5.38E-08	1.87E-08	5.67E-05	8.92E-09	3.11E-09	3.51E-04	5.53E-08	1.93E-08	6.54E-05	1.03E-08	3.59E-09	3.23E-04	5.08E-08	1.77E-08	3.00E-05	4.73E-09	1.65E-09
3867	489863.09, 3852877.25	3.65E-04	5.75E-08	2.00E-08	6.47E-05	1.02E-08	3.55E-09	3.76E-04	5.92E-08	2.06E-08	7.48E-05	1.18E-08	4.10E-09	3.43E-04	5.40E-08	1.88E-08	3.43E-05	5.40E-09	1.88E-09
3868	490363.09, 3852877.25	4.47E-04	7.04E-08	2.45E-08	8.86E-05	1.40E-08	4.86E-09	4.62E-04	7.28E-08	2.53E-08	1.02E-04	1.61E-08	5.62E-09	4.14E-04	6.53E-08	2.27E-08	4.67E-05	7.35E-09	2.56E-09
3869	490863.09, 3852877.25	4.92E-04	7.75E-08	2.70E-08	1.03E-04	1.62E-08	5.65E-09	5.09E-04	8.03E-08	2.80E-08	1.19E-04	1.87E-08	6.53E-09	4.53E-04	7.14E-08	2.49E-08	5.41E-05	8.53E-09	2.97E-09
3870	491363.09, 3852877.25	5.38E-04	8.48E-08	2.96E-08	1.17E-04	1.84E-08	6.40E-09	5.58E-04	8.80E-08	3.06E-08	1.35E-04	2.13E-08	7.40E-09	4.94E-04	7.78E-08	2.71E-08	6.13E-05	9.66E-09	3.36E-09
3871	491863.09, 3852877.25	5.69E-04	8.96E-08	3.12E-08	1.25E-04	1.97E-08	6.85E-09	5.90E-04	9.29E-08	3.24E-08	1.44E-04	2.27E-08	7.93E-09	5.20E-04	8.20E-08	2.86E-08	6.56E-05	1.03E-08	3.60E-09
3872	492363.09, 3852877.25	6.08E-04	9.57E-08	3.33E-08	1.34E-04	2.11E-08	7.37E-09	6.30E-04	9.93E-08	3.46E-08	1.55E-04	2.45E-08	8.52E-09	5.55E-04	8.75E-08	3.05E-08	7.06E-05	1.11E-08	3.87E-09
3873	492863.09, 3852877.25	6.74E-04	1.06E-07	3.70E-08	1.50E-04	2.37E-08	8.24E-09	6.99E-04	1.10E-07	3.84E-08	1.74E-04	2.74E-08	9.53E-09	6.14E-04	9.68E-08	3.37E-08	7.90E-05	1.24E-08	4.33E-09
3874	493363.09, 3852877.25	7.21E-04	1.14E-07	3.96E-08	1.61E-04	2.53E-08	8.82E-09	7.48E-04	1.18E-07	4.11E-08	1.86E-04	2.93E-08	1.02E-08	6.57E-04	1.04E-07	3.61E-08	8.45E-05	1.33E-08	4.64E-09
3875	493863.09, 3852877.25	7.22E-04	1.14E-07	3.96E-08	1.60E-04	2.53E-08	8.80E-09	7.50E-04	1.18E-07	4.11E-08	1.85E-04	2.92E-08	1.02E-08	6.59E-04	1.04E-07	3.62E-08	8.43E-05	1.33E-08	4.63E-09
3876	494363.09, 3852877.25	7.24E-04	1.14E-07	3.97E-08	1.60E-04	2.53E-08	8.80E-09	7.51E-04	1.18E-07	4.12E-08	1.85E-04	2.92E-08	1.02E-08	6.61E-04	1.04E-07	3.63E-08	8.42E-05	1.33E-08	4.62E-09
3877	494863.09, 3852877.25	7.38E-04	1.16E-07	4.05E-08	1.63E-04	2.57E-08	8.95E-09	7.66E-04	1.21E-07	4.20E-08	1.89E-04	2.97E-08	1.03E-08	6.75E-04	1.06E-07	3.70E-08	8.56E-05	1.35E-08	4.70E-09
3878	495363.09, 3852877.25	7.22E-04	1.14E-07	3.96E-08	1.55E-04	2.45E-08	8.53E-09	7.49E-04	1.18E-07	4.11E-08	1.80E-04	2.83E-08	9.86E-09	6.62E-04	1.04E-07	3.64E-08	8.17E-05	1.29E-08	4.48E-09
3879	495863.09, 3852877.25	7.07E-04	1.11E-07	3.88E-08	1.47E-04	2.32E-08	8.08E-09	7.32E-04	1.15E-07	4.02E-08	1.70E-04	2.68E-08	9.34E-09	6.51E-04	1.03E-07	3.57E-08	7.75E-05	1.22E-08	4.25E-09
3880	496363.09, 3852877.25	7.12E-04	1.12E-07	3.91E-08	1.45E-04	2.28E-08	7.94E-09	7.36E-04	1.16E-07	4.04E-08	1.67E-04	2.63E-08	9.18E-09	6.57E-04	1.03E-07	3.61E-08	7.62E-05	1.20E-08	4.18E-09
3881	496863.09, 3852877.25	7.02E-04	1.11E-07	3.85E-08	1.38E-04	2.17E-08	7.56E-09	7.26E-04	1.14E-07	3.98E-08	1.59E-04	2.51E-08	8.74E-09	6.51E-04	1.03E-07	3.57E-08	7.27E-05	1.14E-08	3.99E-09
3882	497363.09, 3852877.25	6.46E-04	1.02E-07	3.54E-08	1.19E-04	1.88E-08	6.55E-09	6.66E-04	1.05E-07	3.65E-08	1.38E-04	2.17E-08	7.56E-09	6.03E-04	9.49E-08	3.31E-08	6.30E-05	9.93E-09	3.46E-09

3883	497863.09, 3852877.25	5.53E-04	8.70E-08	3.03E-08	9.20E-05	1.45E-08	5.05E-09	5.68E-04	8.95E-08	3.12E-08	1.06E-04	1.67E-08	5.83E-09	5.21E-04	8.21E-08	2.86E-08	4.88E-05	7.69E-09	2.68E-09
3884	498363.09, 3852877.25	5.44E-04	8.57E-08	2.98E-08	8.67E-05	1.37E-08	4.76E-09	5.58E-04	8.80E-08	3.06E-08	1.00E-04	1.58E-08	5.49E-09	5.15E-04	8.11E-08	2.83E-08	4.61E-05	7.26E-09	2.53E-09
3885	471363.09, 3853377.25	2.10E-04	3.31E-08	1.15E-08	3.10E-05	4.88E-09	1.70E-09	2.15E-04	3.39E-08	1.18E-08	3.58E-05	5.63E-09	1.96E-09	2.01E-04	3.17E-08	1.10E-08	1.64E-05	2.58E-09	8.99E-10
3886	471863.09, 3853377.25	2.22E-04	3.50E-08	1.22E-08	3.40E-05	5.35E-09	1.87E-09	2.28E-04	3.60E-08	1.25E-08	3.93E-05	6.19E-09	2.15E-09	2.12E-04	3.35E-08	1.17E-08	1.80E-05	2.83E-09	9.86E-10
3887	472363.09, 3853377.25	2.34E-04	3.69E-08	1.29E-08	3.65E-05	5.76E-09	2.01E-09	2.40E-04	3.79E-08	1.32E-08	4.22E-05	6.65E-09	2.32E-09	2.23E-04	3.52E-08	1.23E-08	1.93E-05	3.04E-09	1.06E-09
3888	472863.09, 3853377.25	2.47E-04	3.88E-08	1.35E-08	3.91E-05	6.16E-09	2.15E-09	2.53E-04	3.99E-08	1.39E-08	4.52E-05	7.12E-09	2.48E-09	2.35E-04	3.70E-08	1.29E-08	2.06E-05	3.25E-09	1.13E-09
3889	473363.09, 3853377.25	2.56E-04	4.03E-08	1.40E-08	4.12E-05	6.49E-09	2.26E-09	2.63E-04	4.14E-08	1.44E-08	4.76E-05	7.51E-09	2.61E-09	2.43E-04	3.83E-08	1.33E-08	2.17E-05	3.42E-09	1.19E-09
3890	473863.09, 3853377.25	2.66E-04	4.20E-08	1.46E-08	4.37E-05	6.88E-09	2.40E-09	2.74E-04	4.31E-08	1.50E-08	5.05E-05	7.95E-09	2.77E-09	2.53E-04	3.98E-08	1.39E-08	2.30E-05	3.63E-09	1.26E-09
3891	474363.09, 3853377.25	2.77E-04	4.36E-08	1.52E-08	4.63E-05	7.29E-09	2.54E-09	2.85E-04	4.48E-08	1.56E-08	5.35E-05	8.43E-09	2.94E-09	2.62E-04	4.13E-08	1.44E-08	2.44E-05	3.84E-09	1.34E-09
3892	474863.09, 3853377.25	2.75E-04	4.33E-08	1.51E-08	4.69E-05	7.39E-09	2.58E-09	2.83E-04	4.45E-08	1.55E-08	5.42E-05	8.55E-09	2.98E-09	2.59E-04	4.09E-08	1.42E-08	2.47E-05	3.89E-09	1.36E-09
3893	475363.09, 3853377.25	2.78E-04	4.39E-08	1.53E-08	4.85E-05	7.64E-09	2.66E-09	2.87E-04	4.51E-08	1.57E-08	5.60E-05	8.83E-09	3.08E-09	2.62E-04	4.13E-08	1.44E-08	2.55E-05	4.02E-09	1.40E-09
3894	475863.09, 3853377.25	2.81E-04	4.43E-08	1.54E-08	4.96E-05	7.82E-09	2.72E-09	2.90E-04	4.56E-08	1.59E-08	5.74E-05	9.04E-09	3.15E-09	2.65E-04	4.17E-08	1.45E-08	2.61E-05	4.12E-09	1.43E-09
3895	476363.09, 3853377.25	2.68E-04	4.23E-08	1.47E-08	4.69E-05	7.40E-09	2.58E-09	2.76E-04	4.36E-08	1.52E-08	5.43E-05	8.55E-09	2.98E-09	2.53E-04	3.98E-08	1.39E-08	2.47E-05	3.90E-09	1.36E-09
3896	476863.09, 3853377.25	2.44E-04	3.84E-08	1.34E-08	4.09E-05	6.44E-09	2.24E-09	2.50E-04	3.95E-08	1.37E-08	4.72E-05	7.44E-09	2.59E-09	2.30E-04	3.63E-08	1.26E-08	2.16E-05	3.40E-09	1.18E-09
3897	477363.09, 3853377.25	2.43E-04	3.82E-08	1.33E-08	4.02E-05	6.33E-09	2.21E-09	2.49E-04	3.93E-08	1.37E-08	4.65E-05	7.32E-09	2.55E-09	2.30E-04	3.62E-08	1.26E-08	2.12E-05	3.34E-09	1.16E-09
3898	477863.09, 3853377.25	2.46E-04	3.87E-08	1.35E-08	4.04E-05	6.37E-09	2.22E-09	2.52E-04	3.98E-08	1.39E-08	4.67E-05	7.36E-09	2.57E-09	2.33E-04	3.67E-08	1.28E-08	2.13E-05	3.36E-09	1.17E-09
3899	478363.09, 3853377.25	2.22E-04	3.49E-08	1.22E-08	3.43E-05	5.41E-09	1.89E-09	2.27E-04	3.58E-08	1.25E-08	3.97E-05	6.25E-09	2.18E-09	2.11E-04	3.33E-08	1.16E-08	1.82E-05	2.86E-09	9.96E-10
3900	478863.09, 3853377.25	1.94E-04	3.06E-08	1.07E-08	2.68E-05	4.23E-09	1.47E-09	1.99E-04	3.13E-08	1.09E-08	3.10E-05	4.88E-09	1.70E-09	1.87E-04	2.95E-08	1.03E-08	1.42E-05	2.24E-09	7.81E-10
3901	479363.09, 3853377.25	2.65E-04	4.17E-08	1.45E-08	4.34E-05	6.84E-09	2.38E-09	2.72E-04	4.29E-08	1.49E-08	5.02E-05	7.91E-09	2.75E-09	2.52E-04	3.97E-08	1.38E-08	2.29E-05	3.60E-09	1.25E-09
3902	479863.09, 3853377.25	3.47E-04	5.47E-08	1.91E-08	6.65E-05	1.05E-08	3.65E-09	3.59E-04	5.65E-08	1.97E-08	7.69E-05	1.21E-08	4.22E-09	3.24E-04	5.11E-08	1.78E-08	3.49E-05	5.49E-09	1.91E-09
3903	480363.09, 3853377.25	5.17E-04	8.15E-08	2.84E-08	1.08E-04	1.71E-08	5.95E-09	5.36E-04	8.44E-08	2.94E-08	1.26E-04	1.98E-08	6.89E-09	4.78E-04	7.53E-08	2.62E-08	5.67E-05	8.93E-09	3.11E-09
3904	480863.09, 3853377.25	5.41E-04	8.52E-08	2.97E-08	1.22E-04	1.92E-08	6.69E-09	5.62E-04	8.85E-08	3.08E-08	1.41E-04	2.22E-08	7.74E-09	4.94E-04	7.79E-08	2.71E-08	6.36E-05	1.00E-08	3.49E-09
3905	481363.09, 3853377.25	8.10E-04	1.28E-07	4.45E-08	1.51E-04	2.37E-08	8.27E-09	8.36E-04	1.32E-07	4.59E-08	1.74E-04	2.75E-08	9.57E-09	7.61E-04	1.20E-07	4.18E-08	7.86E-05	1.24E-08	4.32E-09
3906	481863.09, 3853377.25	1.04E-03	1.64E-07	5.70E-08	1.53E-04	2.41E-08	8.41E-09	1.07E-03	1.68E-07	5.85E-08	1.77E-04	2.80E-08	9.74E-09	1.00E-03	1.58E-07	5.49E-08	8.00E-05	1.26E-08	4.39E-09
3907	482363.09, 3853377.25	9.67E-04	1.52E-07	5.31E-08	1.53E-04	2.42E-08	8.41E-09	9.93E-04	1.56E-07	5.45E-08	1.77E-04	2.80E-08	9.74E-09	9.25E-04	1.46E-07	5.08E-08	8.01E-05	1.26E-08	4.39E-09
3908	482863.09, 3853377.25	1.00E-03	1.58E-07	5.51E-08	2.06E-04	3.24E-08	1.13E-08	1.04E-03	1.64E-07	5.70E-08	2.38E-04	3.76E-08	1.31E-08	9.31E-04	1.47E-07	5.11E-08	1.07E-04	1.69E-08	5.90E-09
3909	483363.09, 3853377.25	8.33E-04	1.31E-07	4.57E-08	2.37E-04	3.73E-08	1.30E-08	8.74E-04	1.38E-07	4.80E-08	2.74E-04	4.32E-08	1.50E-08	7.32E-04	1.15E-07	4.02E-08	1.23E-04	1.94E-08	6.78E-09
3910	483863.09, 3853377.25	6.84E-04	1.08E-07	3.76E-08	1.96E-04	3.08E-08	1.07E-08	7.18E-04	1.13E-07	3.94E-08	2.27E-04	3.57E-08	1.24E-08	6.00E-04	9.45E-08	3.29E-08	1.02E-04	1.61E-08	5.61E-09
3911	484363.09, 3853377.25	6.44E-04	1.01E-07	3.53E-08	1.79E-04	2.82E-08	9.84E-09	6.75E-04	1.06E-07	3.70E-08	2.08E-04	3.27E-08	1.14E-08	5.67E-04	8.94E-08	3.11E-08	9.37E-05	1.48E-08	5.14E-09
3912	484863.09, 3853377.25	5.20E-04	8.19E-08	2.85E-08	1.40E-04	2.21E-08	7.71E-09	5.44E-04	8.57E-08	2.98E-08	1.62E-04	2.56E-08	8.92E-09	4.60E-04	7.24E-08	2.52E-08	7.35E-05	1.16E-08	4.03E-09
3913	485363.09, 3853377.25	4.00E-04	6.30E-08	2.19E-08	7.91E-05	1.25E-08	4.34E-09	4.13E-04	6.51E-08	2.27E-08	9.14E-05	1.44E-08	5.01E-09	3.70E-04	5.83E-08	2.03E-08	4.18E-05	6.58E-09	2.29E-09
3914	485863.09, 3853377.25	3.33E-04	5.25E-08	1.83E-08	5.26E-05	8.28E-09	2.88E-09	3.42E-04	5.39E-08	1.88E-08	6.07E-05	9.56E-09	3.33E-09	3.17E-04	4.99E-08	1.74E-08	2.79E-05	4.40E-09	1.53E-09
3915	486363.09, 3853377.25	3.72E-04	5.87E-08	2.04E-08	5.57E-05	8.77E-09	3.06E-09	3.82E-04	6.01E-08	2.09E-08	6.43E-05	1.01E-08	3.53E-09	3.56E-04	5.60E-08	1.95E-08	2.96E-05	4.67E-09	1.63E-09
3916	486863.09, 3853377.25	4.07E-04	6.41E-08	2.23E-08	5.92E-05	9.33E-09	3.25E-09	4.17E-04	6.57E-08	2.29E-08	6.83E-05	1.08E-08	3.75E-09	3.90E-04	6.14E-08	2.14E-08	3.15E-05	4.97E-09	1.73E-09
3917	487363.09, 3853377.25	4.46E-04	7.02E-08	2.45E-08	7.02E-05	1.11E-08	3.86E-09	4.57E-04	7.21E-08	2.51E-08	8.11E-05	1.28E-08	4.45E-09	4.24E-04	6.68E-08	2.33E-08	3.72E-05	5.87E-09	2.04E-09
3918	487863.09, 3853377.25	4.76E-04	7.50E-08	2.61E-08	8.55E-05	1.35E-08	4.69E-09	4.90E-04	7.73E-08	2.69E-08	9.88E-05	1.56E-08	5.42E-09	4.47E-04	7.04E-08	2.45E-08	4.51E-05	7.10E-09	2.47E-09
3919	488363.09, 3853377.25	5.32E-04	8.38E-08	2.92E-08	1.04E-04	1.64E-08	5.72E-09	5.50E-04	8.66E-08	3.02E-08	1.21E-04	1.90E-08	6.62E-09	4.95E-04	7.79E-08	2.72E-08	5.49E-05	8.65E-09	3.01E-09
3920	488863.09, 3853377.25	5.76E-04	9.07E-08	3.16E-08	1.20E-04	1.89E-08	6.59E-09	5.96E-04	9.39E-08	3.27E-08	1.39E-04	2.19E-08	7.62E-09	5.31E-04	8.36E-08	2.91E-08	6.31E-05	9.94E-09	3.46E-09
3921	489363.09, 3853377.25	6.09E-04	9.60E-08	3.34E-08	1.34E-04	2.11E-08	7.34E-09	6.32E-04	9.96E-08	3.47E-08	1.55E-04	2.44E-08	8.49E-09	5.58E-04	8.78E-08	3.06E-08	7.03E-05	1.11E-08	3.86E-09
3922	489863.09, 3853377.25	6.34E-04	9.99E-08	3.48E-08	1.41E-04	2.22E-08	7.75E-09	6.58E-04	1.04E-07	3.61E-08	1.63E-04	2.57E-08	8.96E-09	5.79E-04	9.12E-08	3.18E-08	7.42E-05	1.17E-08	4.07E-09
3923	490363.09, 3853377.25	6.92E-04	1.09E-07	3.80E-08	1.60E-04	2.52E-08	8.77E-09	7.19E-04	1.13E-07	3.95E-08	1.85E-04	2.91E-08	1.01E-08	6.29E-04	9.91E-08	3.45E-08	8.38E-05	1.32E-08	4.60E-09
3924	490863.09, 3853377.25	7.34E-04	1.16E-07	4.03E-08	1.76E-04	2.77E-08	9.63E-09	7.64E-04	1.20E-07	4.19E-08	2.03E-04	3.20E-08	1.11E-08	6.63E-04	1.04E-07	3.64E-08	9.20E-05	1.45E-08	5.05E-09
3925	491363.09, 3853377.25	7.72E-04	1.22E-07	4.24E-08	1.89E-04	2.98E-08	1.04E-08	8.05E-04	1.27E-07	4.42E-08	2.19E-04	3.45E-08	1.20E-08	6.96E-04	1.10E-07	3.82E-08	9.92E-05	1.56E-08	5.45E-09
3926	491863.09, 3853377.25	8.17E-04	1.29E-07	4.48E-08	2.00E-04	3.16E-08	1.10E-08	8.51E-04	1.34E-07	4.67E-08	2.32E-04	3.65E-08	1.27E-08	7.35E-04	1.16E-07	4.03E-08	1.05E-04	1.65E-08	5.76E-09
3927	492363.09, 3853377.25	8.84E-04	1.39E-07	4.85E-08	2.16E-04	3.40E-08	1.19E-08	9.21E-04	1.45E-07	5.05E-08	2.50E-04	3.94E-08	1.37E-08	7.96E-04	1.25E-07	4.37E-08	1.13E-04	1.78E-08	6.22E-09
3928	492863.09, 3853377.25	9.47E-04	1.49E-07	5.20E-08	2.29E-04	3.61E-08	1.26E-08	9.86E-04	1.55E-07	5.41E-08	2.65E-04	4.18E-08	1.46E-08	8.53E-04	1.34E-07	4.68E-08	1.20E-04	1.90E-08	6.60E-09
3929	493363.09, 3853377.25	9.58E-04	1.51E-07	5.26E-08	2.29E-04	3.61E-08	1.26E-08	9.97E-04	1.57E-07	5.47E-08	2.65E-04	4.18E-08	1.46E-08	8.65E-04	1.36E-07	4.75E-08	1.20E-04	1.89E-08	6.60E-09
3930	493863.09, 3853377.25	9.56E-04	1.51E-07	5.24E-08	2.27E-04	3.57E-08	1.25E-08	9.94E-04	1.57E-07	5.46E-08	2.62E-04	4.14E-08	1.44E-08	8.64E-04	1.36E-07	4.74E-08	1.19E-04	1.87E-08	6.53E-09
3931	494363.09, 3853377.25	9.31E-04	1.47E-07	5.11E-08	2.17E-04	3.42E-08	1.19E-08	9.68E-04	1.52E-07	5.31E-08	2.51E-04	3.96E-08	1.38E-08	8.44E-04	1.33E-07	4.63E-08	1.14E-04	1.80E-08	6.26E-09
3932	494863.09, 3853377.25	9.06E-04	1.43E-07	4.97E-08	2.05E-04	3.22E-08	1.12E-08	9.41E-04	1.48E-07	5.16E-08	2.37E-04	3.73E-08	1.30E-08	8.25E-04	1.30E-07	4.53E-08	1.07E-04	1.69E-08	5.90E-09
3933	495363.09, 3853377.25	9.02E-04	1.42E-07	4.95E-08	1.98E-04	3.11E-08	1.08E-08	9.36E-04	1.47E-07	5.14E-08	2.28E-04	3.60E-08	1.25E-08	8.25E-04	1.30E-07	4.53E-08	1.04E-04	1.64E-08	5.70E-09
3934	495863.09, 3853377.25	8.81E-04	1.39E-07	4.84E-08	1.86E-04	2.94E-08	1.02E-08	9.13E-04	1.44E-07	5.01E-08	2.16E-04	3.40E-08	1.18E-08	8.09E-04	1.27E-07	4.44E-08	9.81E-05	1.54E-08	5.38E-09
3935	496363.09, 3853377.25	8.43E-04	1.33E-07	4.62E-08	1.71E-04	2.70E-08	9.39E-09	8.72E-04	1.37E-07	4.78E-08	1.98E-04	3.12E-08	1.09E-08	7.78E-04	1.23E-07	4.27E-08	9.01E-05	1.42E-08	4.95E-09
3936	496863.09, 3853377.25	7.85E-04	1.24E-07	4.31E-08	1.51E-04	2.37E-08	8.27E-09	8.10E-04	1.28E-07	4.45E-08	1.74E-04	2.74E-08	9.55E-09	7.29E-04	1.15E-07	4.00E-08	7.95E-05	1.25E-08	4.36E-09
3937	497363.09, 3853377.25	7.10E-04	1.12E-07	3.90E-08	1.26E-04	1.99E-08	6.92E-09	7.32E-04	1.15E-07	4.02E-08	1.46E-04	2.29E-08	7.99E-09	6.66E-04	1.05E-07	3.65E-08	6.67E-05	1.05E-08	3.66E-09
3938	497863.09, 3853377.25	5.65E-04	8.91E-08	3.10E-08	8.70E-05	1.37E-08	4.78E-09	5.80E-04	9.14E-08	3.18E-08	1.00E-04	1.58E-08	5.51E-09	5.37E-04	8.46E-08	2.95E-08	4.64E-05	7.31E-09	2.55E-09
3939	498363.09, 3853377.25	4.98E-04	7.85E-08	2.74E-08	6.94E-05	1.09E-08	3.81E-09	5.10E-04	8.03E-08	2.80E-08	8.00E-05	1.26E-08	4.39E-09	4.77E-04	7.52E-08	2.62E-08	3.72E-05	5.86E-09	2.04E-09
3940	471363.09, 3853877.25	2.21E-04	3.48E-08	1.21E-08	3.04E-05	4.79E-09	1.67E-09	2.26E-04	3.57E-08	1.24E-08	3.51E-05	5.53E-09	1.93E-09	2.13E-04	3.36E-08	1.17E-08	1.61E-05	2.53E-09	8.83E-10
3941	471863.09, 3853877.25	2.38E-04	3.76E-08	1.31E-08	3.40E-05	5.36E-09	1.87E-09	2.44E-04	3.85E-08	1.34E-08	3.93E-05	6.19E-09	2.16E-09	2.29E-04	3.61E-08	1.26E-08	1.80E-05	2.83E-09	9.88E-10
3942	472363.09, 3853877.25	2.48E-04	3.90E-08	1.36E-08	3.65E-05	5.74E-09	2.00E-09	2.54E-04	4.00E-08	1.39E-08	4.21E-05	6.64E-09	2.31E-09	2.37E-04	3.74E-08	1.30E-08	1.93E-05	3.04E-09	1.06E-09
3943	472863.09, 3853877.25	2.59E-04	4.09E-08	1.42E-08	3.95E-05	6.22E-09	2.17E-09	2.66E-04	4.19E-08	1.46E-08	4.56E-05	7.18E-09	2.50E-09	2.48E-04	3.90E-08	1.36E-08	2.08E-05	3.28E-09	1.14E-09
3944	473363.09, 3853877.25	2.66E-04	4.19E-08	1.46E-08	4.17E-05	6.57E-09	2.29E-09	2.73E-04	4.30E-08	1.50E-08	4.82E-05	7.59E-09	2.64E-09	2.53E-04	3.99E-08	1.39E-08	2.20E-05	3.47E-09	1.21E-09
3945	473863.09, 3853877.25	2.74E-04	4.31E-08	1.50E-08	4.40E-05	6.93E-09	2.41E-09	2.81E-04	4.43E-08	1.54E-08	5.08E-05	8.01E-09	2.79E-09	2.60E-04	4.10E-08	1.43E-08	2.32E-05	3.65E-09	1.27E-09
3946	474363.09, 3853877.25	2.85E-04	4.50E-08	1.57E-08	4.68E-05	7.38E-09	2.57E-09	2.93E-04	4.62E-08	1.61E-08	5.41E-05	8.53E-09	2.97E-09	2.71E-04	4.27E-08	1.49E-08	2.47E-05	3.89E-09	1.36E-09
3947	474863.09, 3853877.25	2.94E-04	4.64E-08	1.62E-08	4.91E-05	7.74E-09	2.70E-09	3.03E-04	4.77E-08	1.66E-08	5.68E-05	8.95E-09	3.12E-09	2.79E-04	4.39E-08	1.53E-08	2.59E-05	4.08E-09	1.42E-09
3948	475363.09, 3853877.25	2.88E-04	4.53E-08	1.58E-08	4.84E-05	7.62E-09	2.65E-09	2.96E-04	4.66E-08	1.62E-08	5.59E-05	8.81E-09	3.07E-09	2.72E-04	4.29E-08	1.49E-08	2.55E-05	4.02E-09	1.40E-09
3949	475863.09, 3853877.25	2.62E-04	4.13E-08	1.44E-08	4.23E-05	6.66E-09	2.32E-09	2.69E-04	4.24E-08	1.48E-08	4.88E-05	7.69E-09	2.68E-09	2.49E-04	3.92E-08	1.37E-08	2.23E-05	3.52E-09	1.23E-09

3950	476363.09, 3853877.25	2.38E-04	3.76E-08	1.31E-08	3.61E-05	5.68E-09	1.98E-09	2.44E-04	3.85E-08	1.34E-08	4.16E-05	6.56E-09	2.29E-09	2.28E-04	3.59E-08	1.25E-08	1.91E-05	3.01E-09	1.05E-09
3951	476863.09, 3853877.25	2.12E-04	3.33E-08	1.16E-08	2.93E-05	4.61E-09	1.61E-09	2.16E-04	3.41E-08	1.19E-08	3.38E-05	5.32E-09	1.85E-09	2.04E-04	3.21E-08	1.12E-08	1.56E-05	2.45E-09	8.54E-10
3952	477363.09, 3853877.25	2.23E-04	3.51E-08	1.22E-08	3.23E-05	5.09E-09	1.77E-09	2.28E-04	3.59E-08	1.25E-08	3.73E-05	5.87E-09	2.05E-09	2.14E-04	3.36E-08	1.17E-08	1.71E-05	2.70E-09	9.40E-10
3953	477863.09, 3853877.25	2.43E-04	3.83E-08	1.33E-08	3.72E-05	5.86E-09	2.04E-09	2.49E-04	3.93E-08	1.37E-08	4.30E-05	6.77E-09	2.36E-09	2.32E-04	3.66E-08	1.27E-08	1.97E-05	3.10E-09	1.08E-09
3954	478363.09, 3853877.25	2.54E-04	4.01E-08	1.40E-08	3.96E-05	6.24E-09	2.17E-09	2.61E-04	4.11E-08	1.43E-08	4.58E-05	7.21E-09	2.51E-09	2.42E-04	3.82E-08	1.33E-08	2.09E-05	3.30E-09	1.15E-09
3955	478863.09, 3853877.25	2.12E-04	3.33E-08	1.16E-08	2.90E-05	4.56E-09	1.59E-09	2.16E-04	3.41E-08	1.19E-08	3.34E-05	5.27E-09	1.83E-09	2.04E-04	3.21E-08	1.12E-08	1.54E-05	2.42E-09	8.45E-10
3956	479363.09, 3853877.25	2.54E-04	3.99E-08	1.39E-08	3.86E-05	6.08E-09	2.12E-09	2.60E-04	4.10E-08	1.43E-08	4.46E-05	7.02E-09	2.45E-09	2.42E-04	3.82E-08	1.33E-08	2.04E-05	3.21E-09	1.12E-09
3957	479863.09, 3853877.25	3.70E-04	5.84E-08	2.03E-08	6.93E-05	1.09E-08	3.80E-09	3.82E-04	6.02E-08	2.10E-08	8.01E-05	1.26E-08	4.40E-09	3.47E-04	5.46E-08	1.90E-08	3.64E-05	5.73E-09	2.00E-09
3958	480363.09, 3853877.25	4.76E-04	7.50E-08	2.61E-08	9.93E-05	1.56E-08	5.45E-09	4.93E-04	7.76E-08	2.70E-08	1.15E-04	1.81E-08	6.31E-09	4.40E-04	6.93E-08	2.41E-08	5.20E-05	8.19E-09	2.85E-09
3959	480863.09, 3853877.25	6.81E-04	1.07E-07	3.74E-08	1.41E-04	2.22E-08	7.73E-09	7.05E-04	1.11E-07	3.87E-08	1.63E-04	2.57E-08	8.94E-09	6.31E-04	9.94E-08	3.46E-08	7.36E-05	1.16E-08	4.04E-09
3960	481363.09, 3853877.25	9.03E-04	1.42E-07	4.96E-08	1.67E-04	2.64E-08	9.19E-09	9.32E-04	1.47E-07	5.11E-08	1.94E-04	3.05E-08	1.06E-08	8.49E-04	1.34E-07	4.66E-08	8.74E-05	1.38E-08	4.80E-09
3961	481863.09, 3853877.25	1.37E-03	2.16E-07	7.52E-08	1.91E-04	3.00E-08	1.05E-08	1.40E-03	2.21E-07	7.70E-08	2.21E-04	3.48E-08	1.21E-08	1.33E-03	2.09E-07	7.29E-08	9.95E-05	1.57E-08	5.46E-09
3962	482363.09, 3853877.25	1.35E-03	2.12E-07	7.40E-08	2.15E-04	3.39E-08	1.18E-08	1.38E-03	2.18E-07	7.60E-08	2.49E-04	3.92E-08	1.37E-08	1.29E-03	2.03E-07	7.07E-08	1.12E-04	1.77E-08	6.16E-09
3963	482863.09, 3853877.25	1.22E-03	1.93E-07	6.71E-08	2.30E-04	3.62E-08	1.26E-08	1.26E-03	1.99E-07	6.93E-08	2.66E-04	4.19E-08	1.46E-08	1.15E-03	1.81E-07	6.30E-08	1.20E-04	1.89E-08	6.58E-09
3964	483363.09, 3853877.25	1.10E-03	1.74E-07	6.05E-08	3.08E-04	4.85E-08	1.69E-08	1.15E-03	1.82E-07	6.34E-08	3.56E-04	5.62E-08	1.96E-08	9.72E-04	1.53E-07	5.33E-08	1.61E-04	2.53E-08	8.81E-09
3965	483863.09, 3853877.25	1.05E-03	1.66E-07	5.79E-08	3.39E-04	5.34E-08	1.86E-08	1.11E-03	1.75E-07	6.11E-08	3.93E-04	6.18E-08	2.15E-08	9.02E-04	1.42E-07	4.95E-08	1.77E-04	2.78E-08	9.70E-09
3966	484363.09, 3853877.25	8.20E-04	1.29E-07	4.50E-08	2.54E-04	4.01E-08	1.40E-08	8.64E-04	1.36E-07	4.74E-08	2.95E-04	4.64E-08	1.62E-08	7.07E-04	1.11E-07	3.88E-08	1.33E-04	2.09E-08	7.29E-09
3967	484863.09, 3853877.25	6.38E-04	1.00E-07	3.50E-08	1.62E-04	2.55E-08	8.89E-09	6.66E-04	1.05E-07	3.65E-08	1.87E-04	2.95E-08	1.03E-08	5.71E-04	8.99E-08	3.13E-08	8.49E-05	1.34E-08	4.66E-09
3968	485363.09, 3853877.25	4.91E-04	7.73E-08	2.69E-08	8.60E-05	1.36E-08	4.72E-09	5.05E-04	7.96E-08	2.77E-08	9.94E-05	1.57E-08	5.46E-09	4.62E-04	7.28E-08	2.54E-08	4.55E-05	7.17E-09	2.50E-09
3969	485863.09, 3853877.25	5.76E-04	9.07E-08	3.16E-08	9.69E-05	1.53E-08	5.32E-09	5.92E-04	9.33E-08	3.25E-08	1.12E-04	1.76E-08	6.14E-09	5.44E-04	8.57E-08	2.99E-08	5.12E-05	8.07E-09	2.81E-09
3970	486363.09, 3853877.25	6.00E-04	9.45E-08	3.29E-08	9.93E-05	1.56E-08	5.45E-09	6.17E-04	9.72E-08	3.39E-08	1.15E-04	1.81E-08	6.29E-09	5.69E-04	8.96E-08	3.12E-08	5.24E-05	8.26E-09	2.88E-09
3971	486863.09, 3853877.25	6.40E-04	1.01E-07	3.51E-08	1.10E-04	1.74E-08	6.05E-09	6.59E-04	1.04E-07	3.62E-08	1.27E-04	2.01E-08	6.99E-09	6.04E-04	9.51E-08	3.31E-08	5.82E-05	9.17E-09	3.19E-09
3972	487363.09, 3853877.25	7.15E-04	1.13E-07	3.93E-08	1.40E-04	2.20E-08	7.67E-09	7.39E-04	1.16E-07	4.06E-08	1.62E-04	2.54E-08	8.87E-09	6.65E-04	1.05E-07	3.65E-08	7.36E-05	1.16E-08	4.04E-09
3973	487863.09, 3853877.25	8.17E-04	1.29E-07	4.48E-08	1.88E-04	2.97E-08	1.03E-08	8.49E-04	1.34E-07	4.66E-08	2.18E-04	3.43E-08	1.20E-08	7.43E-04	1.17E-07	4.08E-08	9.88E-05	1.56E-08	5.42E-09
3974	488363.09, 3853877.25	8.96E-04	1.41E-07	4.92E-08	2.23E-04	3.51E-08	1.22E-08	9.34E-04	1.47E-07	5.13E-08	2.57E-04	4.06E-08	1.41E-08	8.05E-04	1.27E-07	4.42E-08	1.17E-04	1.84E-08	6.40E-09
3975	488863.09, 3853877.25	1.00E-03	1.58E-07	5.50E-08	2.65E-04	4.17E-08	1.45E-08	1.05E-03	1.65E-07	5.75E-08	3.06E-04	4.82E-08	1.68E-08	8.92E-04	1.41E-07	4.90E-08	1.38E-04	2.18E-08	7.60E-09
3976	489363.09, 3853877.25	1.01E-03	1.59E-07	5.53E-08	2.67E-04	4.21E-08	1.47E-08	1.05E-03	1.66E-07	5.78E-08	3.10E-04	4.88E-08	1.70E-08	8.95E-04	1.41E-07	4.91E-08	1.40E-04	2.21E-08	7.68E-09
3977	489863.09, 3853877.25	1.07E-03	1.69E-07	5.89E-08	2.87E-04	4.53E-08	1.58E-08	1.12E-03	1.77E-07	6.16E-08	3.33E-04	5.24E-08	1.83E-08	9.52E-04	1.50E-07	5.23E-08	1.50E-04	2.37E-08	8.26E-09
3978	490363.09, 3853877.25	1.09E-03	1.72E-07	5.99E-08	2.93E-04	4.61E-08	1.61E-08	1.14E-03	1.80E-07	6.26E-08	3.39E-04	5.34E-08	1.86E-08	9.67E-04	1.52E-07	5.31E-08	1.53E-04	2.41E-08	8.41E-09
3979	490863.09, 3853877.25	1.10E-03	1.74E-07	6.06E-08	3.02E-04	4.77E-08	1.66E-08	1.16E-03	1.82E-07	6.35E-08	3.50E-04	5.51E-08	1.92E-08	9.76E-04	1.54E-07	5.36E-08	1.58E-04	2.49E-08	8.68E-09
3980	491363.09, 3853877.25	1.14E-03	1.80E-07	6.28E-08	3.12E-04	4.91E-08	1.71E-08	1.20E-03	1.89E-07	6.57E-08	3.61E-04	5.69E-08	1.98E-08	1.01E-03	1.59E-07	5.55E-08	1.63E-04	2.57E-08	8.95E-09
3981	491863.09, 3853877.25	1.19E-03	1.87E-07	6.53E-08	3.17E-04	4.99E-08	1.74E-08	1.24E-03	1.96E-07	6.83E-08	3.67E-04	5.78E-08	2.01E-08	1.06E-03	1.66E-07	5.79E-08	1.66E-04	2.61E-08	9.11E-09
3982	492363.09, 3853877.25	1.26E-03	1.99E-07	6.92E-08	3.29E-04	5.18E-08	1.81E-08	1.32E-03	2.08E-07	7.23E-08	3.81E-04	6.00E-08	2.09E-08	1.12E-03	1.77E-07	6.16E-08	1.72E-04	2.71E-08	9.46E-09
3983	492863.09, 3853877.25	1.29E-03	2.03E-07	7.07E-08	3.31E-04	5.21E-08	1.81E-08	1.35E-03	2.12E-07	7.38E-08	3.82E-04	6.02E-08	2.10E-08	1.15E-03	1.81E-07	6.31E-08	1.73E-04	2.73E-08	9.50E-09
3984	493363.09, 3853877.25	1.26E-03	1.99E-07	6.93E-08	3.20E-04	5.03E-08	1.75E-08	1.32E-03	2.08E-07	7.23E-08	3.70E-04	5.82E-08	2.03E-08	1.13E-03	1.78E-07	6.20E-08	1.67E-04	2.64E-08	9.18E-09
3985	493863.09, 3853877.25	1.23E-03	1.94E-07	6.75E-08	3.04E-04	4.78E-08	1.67E-08	1.28E-03	2.02E-07	7.03E-08	3.51E-04	5.53E-08	1.93E-08	1.10E-03	1.74E-07	6.06E-08	1.59E-04	2.50E-08	8.73E-09
3986	494363.09, 3853877.25	1.22E-03	1.92E-07	6.70E-08	2.90E-04	4.57E-08	1.59E-08	1.27E-03	2.00E-07	6.98E-08	3.35E-04	5.28E-08	1.84E-08	1.10E-03	1.74E-07	6.06E-08	1.52E-04	2.40E-08	8.35E-09
3987	494863.09, 3853877.25	1.18E-03	1.86E-07	6.49E-08	2.70E-04	4.25E-08	1.48E-08	1.23E-03	1.94E-07	6.74E-08	3.12E-04	4.92E-08	1.71E-08	1.07E-03	1.69E-07	5.90E-08	1.42E-04	2.23E-08	7.77E-09
3988	495363.09, 3853877.25	1.06E-03	1.68E-07	5.84E-08	2.32E-04	3.65E-08	1.27E-08	1.10E-03	1.74E-07	6.05E-08	2.68E-04	4.22E-08	1.47E-08	9.73E-04	1.53E-07	5.34E-08	1.22E-04	1.92E-08	6.69E-09
3989	495863.09, 3853877.25	9.82E-04	1.55E-07	5.39E-08	2.03E-04	3.20E-08	1.11E-08	1.02E-03	1.60E-07	5.58E-08	2.34E-04	3.69E-08	1.29E-08	9.04E-04	1.42E-07	4.96E-08	1.07E-04	1.68E-08	5.86E-09
3990	496363.09, 3853877.25	9.40E-04	1.48E-07	5.16E-08	1.84E-04	2.91E-08	1.01E-08	9.71E-04	1.53E-07	5.33E-08	2.13E-04	3.36E-08	1.17E-08	8.71E-04	1.37E-07	4.78E-08	9.72E-05	1.53E-08	5.34E-09
3991	496863.09, 3853877.25	8.55E-04	1.35E-07	4.69E-08	1.56E-04	2.45E-08	8.55E-09	8.82E-04	1.39E-07	4.84E-08	1.80E-04	2.83E-08	9.88E-09	7.99E-04	1.26E-07	4.39E-08	8.24E-05	1.30E-08	4.52E-09
3992	497363.09, 3853877.25	7.87E-04	1.24E-07	4.32E-08	1.33E-04	2.10E-08	7.31E-09	8.09E-04	1.27E-07	4.44E-08	1.54E-04	2.42E-08	8.44E-09	7.40E-04	1.17E-07	4.06E-08	7.06E-05	1.11E-08	3.87E-09
3993	497863.09, 3853877.25	6.91E-04	1.09E-07	3.79E-08	1.06E-04	1.66E-08	5.79E-09	7.09E-04	1.12E-07	3.89E-08	1.22E-04	1.92E-08	6.68E-09	6.57E-04	1.03E-07	3.60E-08	5.62E-05	8.86E-09	3.09E-09
3994	498363.09, 3853877.25	6.33E-04	9.97E-08	3.47E-08	9.01E-05	1.42E-08	4.94E-09	6.48E-04	1.02E-07	3.56E-08	1.04E-04	1.64E-08	5.70E-09	6.05E-04	9.53E-08	3.32E-08	4.82E-05	7.59E-09	2.64E-09
3995	471363.09, 3854377.25	2.25E-04	3.54E-08	1.23E-08	2.97E-05	4.68E-09	1.63E-09	2.30E-04	3.62E-08	1.26E-08	3.43E-05	5.40E-09	1.88E-09	2.18E-04	3.43E-08	1.19E-08	1.57E-05	2.48E-09	8.63E-10
3996	471863.09, 3854377.25	2.44E-04	3.84E-08	1.34E-08	3.25E-05	5.12E-09	1.78E-09	2.49E-04	3.93E-08	1.37E-08	3.75E-05	5.91E-09	2.06E-09	2.36E-04	3.71E-08	1.29E-08	1.72E-05	2.71E-09	9.44E-10
3997	472363.09, 3854377.25	2.58E-04	4.06E-08	1.41E-08	3.49E-05	5.50E-09	1.92E-09	2.63E-04	4.15E-08	1.45E-08	4.03E-05	6.36E-09	2.21E-09	2.49E-04	3.92E-08	1.37E-08	1.85E-05	2.91E-09	1.01E-09
3998	472863.09, 3854377.25	2.68E-04	4.22E-08	1.47E-08	3.71E-05	5.85E-09	2.04E-09	2.74E-04	4.32E-08	1.50E-08	4.29E-05	6.76E-09	2.35E-09	2.58E-04	4.06E-08	1.42E-08	1.96E-05	3.09E-09	1.08E-09
3999	473363.09, 3854377.25	2.81E-04	4.43E-08	1.54E-08	4.01E-05	6.32E-09	2.20E-09	2.88E-04	4.54E-08	1.58E-08	4.64E-05	7.30E-09	2.54E-09	2.70E-04	4.26E-08	1.48E-08	2.12E-05	3.34E-09	1.16E-09
4000	473863.09, 3854377.25	2.97E-04	4.68E-08	1.63E-08	4.38E-05	6.91E-09	2.41E-09	3.05E-04	4.80E-08	1.67E-08	5.07E-05	7.98E-09	2.78E-09	2.85E-04	4.49E-08	1.56E-08	2.32E-05	3.65E-09	1.27E-09
4001	474363.09, 3854377.25	3.11E-04	4.90E-08	1.71E-08	4.77E-05	7.51E-09	2.62E-09	3.19E-04	5.03E-08	1.75E-08	5.51E-05	8.68E-09	3.02E-09	2.97E-04	4.68E-08	1.63E-08	2.52E-05	3.96E-09	1.38E-09
4002	474863.09, 3854377.25	3.01E-04	4.74E-08	1.65E-08	4.77E-05	7.51E-09	2.62E-09	3.09E-04	4.86E-08	1.69E-08	5.51E-05	8.68E-09	3.02E-09	2.86E-04	4.51E-08	1.57E-08	2.52E-05	3.96E-09	1.38E-09
4003	475363.09, 3854377.25	2.75E-04	4.33E-08	1.51E-08	4.31E-05	6.79E-09	2.37E-09	2.82E-04	4.44E-08	1.55E-08	4.98E-05	7.84E-09	2.73E-09	2.62E-04	4.12E-08	1.44E-08	2.28E-05	3.59E-09	1.25E-09
4004	475863.09, 3854377.25	2.24E-04	3.53E-08	1.23E-08	3.07E-05	4.84E-09	1.68E-09	2.30E-04	3.62E-08	1.26E-08	3.54E-05	5.58E-09	1.94E-09	2.16E-04	3.40E-08	1.19E-08	1.63E-05	2.57E-09	8.96E-10
4005	476363.09, 3854377.25	2.16E-04	3.41E-08	1.19E-08	2.80E-05	4.40E-09	1.53E-09	2.21E-04	3.48E-08	1.21E-08	3.23E-05	5.08E-09	1.77E-09	2.09E-04	3.30E-08	1.15E-08	1.49E-05	2.35E-09	8.18E-10
4006	476863.09, 3854377.25	2.17E-04	3.41E-08	1.19E-08	2.73E-05	4.30E-09	1.50E-09	2.21E-04	3.48E-08	1.21E-08	3.15E-05	4.96E-09	1.73E-09	2.10E-04	3.31E-08	1.15E-08	1.46E-05	2.30E-09	8.00E-10
4007	477363.09, 3854377.25	2.19E-04	3.45E-08	1.20E-08	2.74E-05	4.32E-09	1.50E-09	2.24E-04	3.53E-08	1.23E-08	3.16E-05	4.98E-09	1.73E-09	2.13E-04	3.35E-08	1.17E-08	1.46E-05	2.30E-09	8.03E-10
4008	477863.09, 3854377.25	2.24E-04	3.53E-08	1.23E-08	2.83E-05	4.46E-09	1.55E-09	2.29E-04	3.61E-08	1.26E-08	3.26E-05	5.14E-09	1.79E-09	2.17E-04	3.42E-08	1.19E-08	1.51E-05	2.38E-09	8.28E-10
4009	478363.09, 3854377.25	2.46E-04	3.87E-08	1.35E-08	3.35E-05	5.27E-09	1.84E-09	2.52E-04	3.96E-08	1.38E-08	3.86E-05	6.08E-09	2.12E-09	2.37E-04	3.73E-08	1.30E-08	1.78E-05	2.80E-09	9.76E-10
4010	478863.09, 3854377.25	2.63E-04	4.14E-08	1.44E-08	3.70E-05	5.84E-09	2.03E-09	2.69E-04	4.23E-08	1.48E-08	4.28E-05	6.74E-09	2.35E-09	2.52E-04	3.98E-08	1.39E-08	1.97E-05	3.10E-09	1.08E-09
4011	479363.09, 3854377.25	3.45E-04	5.44E-08	1.90E-08	5.76E-05	9.07E-09	3.16E-09	3.55E-04	5.59E-08	1.95E-08	6.66E-05	1.05E-08	3.65E-09	3.27E-04	5.15E-08	1.80E-08	3.04E-05	4.78E-09	1.67E-09
4012	479863.09, 3854377.25	4.14E-04	6.53E-08	2.27E-08	7.64E-05	1.20E-08	4.19E-09	4.27E-04	6.73E-08	2.35E-08	8.83E-05	1.39E-08	4.85E-09	3.88E-04	6.12E-08	2.13E-08	4.01E-05	6.32E-09	2.20E-09
4013	480363.09, 3854377.25	5.24E-04	8.25E-08	2.87E-08	1.07E-04	1.68E-08	5.85E-09	5.42E-04	8.54E-08	2.97E-08	1.23E-04	1.94E-08	6.76E-09	4.85E-04	7.64E-08	2.66E-08	5.58E-05	8.79E-09	3.06E-09
4014	480863.09, 3854377.25	7.14E-04	1.12E-07	3.92E-08	1.57E-04	2.48E-08	8.64E-09	7.41E-04	1.17E-07	4.07E-08	1.82E-04	2.87E-08	1.00E-08	6.55E-04	1.03E-07	3.59E-08	8.23E-05	1.30E-08	4.52E-09
4015	481363.09, 3854377.25	9.48E-04	1.49E-07	5.20E-08	2.00E-04	3.16E-08	1.10E-08	9.82E-04	1.55E-07	5.39E-08	2.32E-04	3.66E-08	1.27E-08	8.75E-04	1.38E-07	4.80E-08	1.05E-04	1.65E-08	5.74E-09
4016	481863.09, 3854377.25	1.75E-03	2.75E-07	9.58E-08	2.28E-04	3.59E-08	1.25E-08	1.79E-03	2.81E-07	9.80E-08	2.64E-04	4.16E-08	1.45E-08	1.70E-03	2.68E-07	9.34E-08	1.19E-04	1.88E-08	6.54E-09

4017	482363.09, 3854377.25	2.01E-03	3.16E-07	1.10E-07	2.64E-04	4.15E-08	1.45E-08	2.05E-03	3.23E-07	1.13E-07	3.05E-04	4.80E-08	1.67E-08	1.96E-03	3.08E-07	1.07E-07	1.38E-04	2.17E-08	7.55E-09
4018	482863.09, 3854377.25	1.77E-03	2.79E-07	9.73E-08	3.29E-04	5.18E-08	1.80E-08	1.83E-03	2.88E-07	1.00E-07	3.81E-04	6.00E-08	2.09E-08	1.67E-03	2.62E-07	9.14E-08	1.72E-04	2.71E-08	9.42E-09
4019	483363.09, 3854377.25	1.54E-03	2.42E-07	8.44E-08	3.99E-04	6.28E-08	2.19E-08	1.61E-03	2.53E-07	8.82E-08	4.62E-04	7.27E-08	2.53E-08	1.38E-03	2.17E-07	7.55E-08	2.08E-04	3.28E-08	1.14E-08
4020	483863.09, 3854377.25	1.40E-03	2.20E-07	7.66E-08	4.80E-04	7.56E-08	2.63E-08	1.48E-03	2.33E-07	8.11E-08	5.55E-04	8.75E-08	3.05E-08	1.17E-03	1.85E-07	6.44E-08	2.50E-04	3.95E-08	1.37E-08
4021	484363.09, 3854377.25	1.14E-03	1.79E-07	6.25E-08	3.40E-04	5.35E-08	1.87E-08	1.20E-03	1.88E-07	6.56E-08	3.93E-04	6.19E-08	2.16E-08	9.88E-04	1.56E-07	5.42E-08	1.78E-04	2.80E-08	9.76E-09
4022	484863.09, 3854377.25	8.99E-04	1.42E-07	4.94E-08	1.80E-04	2.84E-08	9.89E-09	9.30E-04	1.47E-07	5.10E-08	2.08E-04	3.28E-08	1.14E-08	8.34E-04	1.31E-07	4.58E-08	9.49E-05	1.49E-08	5.21E-09
4023	485363.09, 3854377.25	1.07E-03	1.68E-07	5.86E-08	2.14E-04	3.38E-08	1.18E-08	1.10E-03	1.74E-07	6.06E-08	2.48E-04	3.91E-08	1.36E-08	9.92E-04	1.56E-07	5.44E-08	1.13E-04	1.77E-08	6.18E-09
4024	485863.09, 3854377.25	1.00E-03	1.58E-07	5.49E-08	1.88E-04	2.96E-08	1.03E-08	1.03E-03	1.63E-07	5.67E-08	2.18E-04	3.43E-08	1.19E-08	9.36E-04	1.47E-07	5.14E-08	9.90E-05	1.56E-08	5.43E-09
4025	486363.09, 3854377.25	1.14E-03	1.79E-07	6.24E-08	2.59E-04	4.08E-08	1.42E-08	1.18E-03	1.86E-07	6.48E-08	2.99E-04	4.72E-08	1.64E-08	1.04E-03	1.63E-07	5.69E-08	1.36E-04	2.14E-08	7.44E-09
4026	486863.09, 3854377.25	1.20E-03	1.89E-07	6.57E-08	2.97E-04	4.68E-08	1.63E-08	1.25E-03	1.97E-07	6.85E-08	3.43E-04	5.41E-08	1.88E-08	1.08E-03	1.69E-07	5.90E-08	1.56E-04	2.45E-08	8.54E-09
4027	487363.09, 3854377.25	1.34E-03	2.11E-07	7.34E-08	3.62E-04	5.70E-08	1.99E-08	1.40E-03	2.21E-07	7.68E-08	4.19E-04	6.60E-08	2.30E-08	1.18E-03	1.87E-07	6.50E-08	1.89E-04	2.98E-08	1.04E-08
4028	487863.09, 3854377.25	1.47E-03	2.31E-07	8.05E-08	4.39E-04	6.91E-08	2.41E-08	1.54E-03	2.43E-07	8.46E-08	5.08E-04	8.00E-08	2.79E-08	1.27E-03	2.01E-07	6.99E-08	2.29E-04	3.61E-08	1.26E-08
4029	488363.09, 3854377.25	1.57E-03	2.47E-07	8.62E-08	4.88E-04	7.69E-08	2.68E-08	1.65E-03	2.61E-07	9.08E-08	5.65E-04	8.90E-08	3.10E-08	1.35E-03	2.13E-07	7.43E-08	2.55E-04	4.02E-08	1.40E-08
4030	488863.09, 3854377.25	1.65E-03	2.60E-07	9.06E-08	5.21E-04	8.21E-08	2.86E-08	1.74E-03	2.74E-07	9.55E-08	6.03E-04	9.51E-08	3.31E-08	1.42E-03	2.23E-07	7.78E-08	2.72E-04	4.29E-08	1.49E-08
4031	489363.09, 3854377.25	1.70E-03	2.68E-07	9.35E-08	5.33E-04	8.39E-08	2.92E-08	1.79E-03	2.83E-07	9.85E-08	6.17E-04	9.71E-08	3.38E-08	1.46E-03	2.31E-07	8.04E-08	2.78E-04	4.38E-08	1.53E-08
4032	489863.09, 3854377.25	1.73E-03	2.72E-07	9.47E-08	5.28E-04	8.32E-08	2.90E-08	1.82E-03	2.86E-07	9.97E-08	6.12E-04	9.64E-08	3.36E-08	1.49E-03	2.35E-07	8.18E-08	2.76E-04	4.35E-08	1.51E-08
4033	490363.09, 3854377.25	1.68E-03	2.64E-07	9.21E-08	5.13E-04	8.08E-08	2.81E-08	1.77E-03	2.78E-07	9.69E-08	5.94E-04	9.35E-08	3.26E-08	1.45E-03	2.29E-07	7.96E-08	2.68E-04	4.22E-08	1.47E-08
4034	490863.09, 3854377.25	1.44E-03	2.27E-07	7.92E-08	4.26E-04	6.71E-08	2.34E-08	1.52E-03	2.39E-07	8.32E-08	4.93E-04	7.76E-08	2.70E-08	1.26E-03	1.98E-07	6.89E-08	2.22E-04	3.50E-08	1.22E-08
4035	491363.09, 3854377.25	1.60E-03	2.51E-07	8.76E-08	4.62E-04	7.27E-08	2.53E-08	1.68E-03	2.64E-07	9.19E-08	5.34E-04	8.42E-08	2.93E-08	1.39E-03	2.20E-07	7.65E-08	2.41E-04	3.80E-08	1.32E-08
4036	491863.09, 3854377.25	1.71E-03	2.69E-07	9.37E-08	4.79E-04	7.54E-08	2.63E-08	1.79E-03	2.82E-07	9.82E-08	5.54E-04	8.73E-08	3.04E-08	1.50E-03	2.36E-07	8.23E-08	2.50E-04	3.94E-08	1.37E-08
4037	492363.09, 3854377.25	1.73E-03	2.73E-07	9.51E-08	4.72E-04	7.44E-08	2.59E-08	1.81E-03	2.86E-07	9.96E-08	5.47E-04	8.61E-08	3.00E-08	1.53E-03	2.41E-07	8.40E-08	2.47E-04	3.89E-08	1.36E-08
4038	492863.09, 3854377.25	1.69E-03	2.66E-07	9.26E-08	4.49E-04	7.08E-08	2.47E-08	1.76E-03	2.78E-07	9.68E-08	5.20E-04	8.19E-08	2.85E-08	1.50E-03	2.36E-07	8.22E-08	2.35E-04	3.70E-08	1.29E-08
4039	493363.09, 3854377.25	1.63E-03	2.57E-07	8.97E-08	4.19E-04	6.60E-08	2.30E-08	1.71E-03	2.69E-07	9.36E-08	4.84E-04	7.63E-08	2.66E-08	1.46E-03	2.30E-07	8.01E-08	2.19E-04	3.45E-08	1.20E-08
4040	493863.09, 3854377.25	1.59E-03	2.50E-07	8.72E-08	3.88E-04	6.11E-08	2.13E-08	1.65E-03	2.61E-07	9.08E-08	4.49E-04	7.07E-08	2.46E-08	1.43E-03	2.25E-07	7.84E-08	2.03E-04	3.20E-08	1.12E-08
4041	494363.09, 3854377.25	1.53E-03	2.41E-07	8.40E-08	3.59E-04	5.65E-08	1.97E-08	1.59E-03	2.51E-07	8.73E-08	4.15E-04	6.54E-08	2.28E-08	1.38E-03	2.18E-07	7.60E-08	1.88E-04	2.97E-08	1.03E-08
4042	494863.09, 3854377.25	1.31E-03	2.06E-07	7.16E-08	2.91E-04	4.58E-08	1.60E-08	1.35E-03	2.13E-07	7.43E-08	3.36E-04	5.30E-08	1.85E-08	1.19E-03	1.87E-07	6.53E-08	1.53E-04	2.41E-08	8.39E-09
4043	495363.09, 3854377.25	1.11E-03	1.75E-07	6.08E-08	2.28E-04	3.59E-08	1.25E-08	1.15E-03	1.81E-07	6.30E-08	2.64E-04	4.16E-08	1.45E-08	1.02E-03	1.61E-07	5.60E-08	1.20E-04	1.89E-08	6.59E-09
4044	495863.09, 3854377.25	1.00E-03	1.58E-07	5.50E-08	1.90E-04	3.00E-08	1.04E-08	1.03E-03	1.63E-07	5.67E-08	2.20E-04	3.47E-08	1.21E-08	9.31E-04	1.47E-07	5.11E-08	1.01E-04	1.58E-08	5.52E-09
4045	496363.09, 3854377.25	9.57E-04	1.51E-07	5.25E-08	1.71E-04	2.70E-08	9.41E-09	9.86E-04	1.55E-07	5.41E-08	1.98E-04	3.12E-08	1.09E-08	8.96E-04	1.41E-07	4.92E-08	9.07E-05	1.43E-08	4.98E-09
4046	496863.09, 3854377.25	8.89E-04	1.40E-07	4.88E-08	1.49E-04	2.34E-08	8.16E-09	9.14E-04	1.44E-07	5.02E-08	1.72E-04	2.70E-08	9.42E-09	8.38E-04	1.32E-07	4.60E-08	7.89E-05	1.24E-08	4.33E-09
4047	497363.09, 3854377.25	7.79E-04	1.23E-07	4.28E-08	1.17E-04	1.85E-08	6.44E-09	7.99E-04	1.26E-07	4.39E-08	1.35E-04	2.13E-08	7.43E-09	7.41E-04	1.17E-07	4.07E-08	6.26E-05	9.86E-09	3.44E-09
4048	497863.09, 3854377.25	7.99E-04	1.26E-07	4.39E-08	1.19E-04	1.87E-08	6.51E-09	8.19E-04	1.29E-07	4.49E-08	1.37E-04	2.16E-08	7.52E-09	7.61E-04	1.20E-07	4.18E-08	6.33E-05	9.97E-09	3.47E-09
4049	498363.09, 3854377.25	7.35E-04	1.16E-07	4.03E-08	1.02E-04	1.61E-08	5.60E-09	7.52E-04	1.18E-07	4.13E-08	1.18E-04	1.85E-08	6.46E-09	7.04E-04	1.11E-07	3.86E-08	5.46E-05	8.60E-09	3.00E-09
4050	471363.09, 3854877.25	2.29E-04	3.62E-08	1.26E-08	3.12E-05	4.91E-09	1.71E-09	2.35E-04	3.70E-08	1.29E-08	3.60E-05	5.67E-09	1.98E-09	2.22E-04	3.49E-08	1.22E-08	1.65E-05	2.60E-09	9.04E-10
4051	471863.09, 3854877.25	2.45E-04	3.86E-08	1.34E-08	3.35E-05	5.27E-09	1.84E-09	2.50E-04	3.94E-08	1.37E-08	3.87E-05	6.09E-09	2.12E-09	2.36E-04	3.72E-08	1.30E-08	1.77E-05	2.79E-09	9.71E-10
4052	472363.09, 3854877.25	2.58E-04	4.07E-08	1.42E-08	3.56E-05	5.60E-09	1.95E-09	2.64E-04	4.16E-08	1.45E-08	4.11E-05	6.47E-09	2.25E-09	2.49E-04	3.93E-08	1.37E-08	1.88E-05	2.96E-09	1.03E-09
4053	472863.09, 3854877.25	2.65E-04	4.17E-08	1.45E-08	3.68E-05	5.80E-09	2.02E-09	2.71E-04	4.27E-08	1.49E-08	4.25E-05	6.70E-09	2.33E-09	2.55E-04	4.02E-08	1.40E-08	1.94E-05	3.06E-09	1.07E-09
4054	473363.09, 3854877.25	2.87E-04	4.51E-08	1.57E-08	4.00E-05	6.31E-09	2.20E-09	2.93E-04	4.62E-08	1.61E-08	4.63E-05	7.29E-09	2.54E-09	2.76E-04	4.35E-08	1.52E-08	2.11E-05	3.33E-09	1.16E-09
4055	473863.09, 3854877.25	3.07E-04	4.83E-08	1.68E-08	4.33E-05	6.82E-09	2.37E-09	3.14E-04	4.95E-08	1.72E-08	5.00E-05	7.88E-09	2.74E-09	2.95E-04	4.65E-08	1.62E-08	2.28E-05	3.60E-09	1.25E-09
4056	474363.09, 3854877.25	3.34E-04	5.26E-08	1.83E-08	4.76E-05	7.50E-09	2.61E-09	3.42E-04	5.39E-08	1.88E-08	5.50E-05	8.66E-09	3.02E-09	3.21E-04	5.06E-08	1.76E-08	2.51E-05	3.96E-09	1.38E-09
4057	474863.09, 3854877.25	2.95E-04	4.66E-08	1.62E-08	4.30E-05	6.77E-09	2.36E-09	3.03E-04	4.77E-08	1.66E-08	4.97E-05	7.82E-09	2.73E-09	2.83E-04	4.46E-08	1.56E-08	2.27E-05	3.58E-09	1.25E-09
4058	475363.09, 3854877.25	2.54E-04	4.01E-08	1.40E-08	3.51E-05	5.54E-09	1.93E-09	2.60E-04	4.10E-08	1.43E-08	4.06E-05	6.39E-09	2.23E-09	2.45E-04	3.86E-08	1.34E-08	1.86E-05	2.94E-09	1.02E-09
4059	475863.09, 3854877.25	2.20E-04	3.47E-08	1.21E-08	2.72E-05	4.29E-09	1.49E-09	2.25E-04	3.54E-08	1.23E-08	3.14E-05	4.95E-09	1.72E-09	2.14E-04	3.37E-08	1.17E-08	1.45E-05	2.29E-09	7.97E-10
4060	476363.09, 3854877.25	1.82E-04	2.86E-08	9.98E-09	1.85E-05	2.91E-09	1.01E-09	1.85E-04	2.91E-08	1.01E-08	2.13E-05	3.35E-09	1.17E-09	1.79E-04	2.81E-08	9.80E-09	9.99E-06	1.57E-09	5.48E-10
4061	476863.09, 3854877.25	1.85E-04	2.91E-08	1.01E-08	1.87E-05	2.94E-09	1.02E-09	1.88E-04	2.96E-08	1.03E-08	2.15E-05	3.38E-09	1.18E-09	1.82E-04	2.86E-08	9.97E-09	1.01E-05	1.59E-09	5.54E-10
4062	477363.09, 3854877.25	2.08E-04	3.28E-08	1.14E-08	2.27E-05	3.57E-09	1.24E-09	2.12E-04	3.34E-08	1.16E-08	2.61E-05	4.11E-09	1.43E-09	2.04E-04	3.21E-08	1.12E-08	1.22E-05	1.92E-09	6.69E-10
4063	477863.09, 3854877.25	2.31E-04	3.64E-08	1.27E-08	2.66E-05	4.20E-09	1.46E-09	2.35E-04	3.71E-08	1.29E-08	3.07E-05	4.84E-09	1.69E-09	2.25E-04	3.55E-08	1.24E-08	1.43E-05	2.25E-09	7.83E-10
4064	478363.09, 3854877.25	2.76E-04	4.35E-08	1.52E-08	3.58E-05	5.63E-09	1.96E-09	2.82E-04	4.45E-08	1.55E-08	4.13E-05	6.50E-09	2.27E-09	2.67E-04	4.21E-08	1.47E-08	1.90E-05	3.00E-09	1.04E-09
4065	478863.09, 3854877.25	3.42E-04	5.39E-08	1.88E-08	5.06E-05	7.98E-09	2.78E-09	3.51E-04	5.53E-08	1.93E-08	5.85E-05	9.22E-09	3.21E-09	3.28E-04	5.17E-08	1.80E-08	2.68E-05	4.22E-09	1.47E-09
4066	479363.09, 3854877.25	4.35E-04	6.85E-08	2.39E-08	7.46E-05	1.18E-08	4.10E-09	4.48E-04	7.05E-08	2.46E-08	8.63E-05	1.36E-08	4.73E-09	4.11E-04	6.47E-08	2.25E-08	3.93E-05	6.19E-09	2.16E-09
4067	479863.09, 3854877.25	5.59E-04	8.81E-08	3.07E-08	1.08E-04	1.71E-08	5.95E-09	5.78E-04	9.10E-08	3.17E-08	1.25E-04	1.98E-08	6.88E-09	5.21E-04	8.21E-08	2.86E-08	5.69E-05	8.96E-09	3.12E-09
4068	480363.09, 3854877.25	6.97E-04	1.10E-07	3.83E-08	1.44E-04	2.27E-08	7.90E-09	7.22E-04	1.14E-07	3.96E-08	1.67E-04	2.62E-08	9.14E-09	6.45E-04	1.02E-07	3.54E-08	7.54E-05	1.19E-08	4.14E-09
4069	480863.09, 3854877.25	9.50E-04	1.50E-07	5.22E-08	1.99E-04	3.13E-08	1.09E-08	9.84E-04	1.55E-07	5.40E-08	2.30E-04	3.63E-08	1.26E-08	8.78E-04	1.38E-07	4.82E-08	1.04E-04	1.64E-08	5.71E-09
4070	481363.09, 3854877.25	1.18E-03	1.86E-07	6.48E-08	2.42E-04	3.81E-08	1.33E-08	1.22E-03	1.92E-07	6.71E-08	2.80E-04	4.41E-08	1.54E-08	1.09E-03	1.72E-07	6.01E-08	1.26E-04	1.99E-08	6.93E-09
4071	481863.09, 3854877.25	1.27E-03	1.99E-07	6.95E-08	2.68E-04	4.23E-08	1.47E-08	1.31E-03	2.07E-07	7.20E-08	3.11E-04	4.90E-08	1.71E-08	1.17E-03	1.84E-07	6.41E-08	1.40E-04	2.21E-08	7.69E-09
4072	482363.09, 3854877.25	3.40E-03	5.35E-07	1.86E-07	3.40E-04	5.35E-08	1.86E-08	3.45E-03	5.44E-07	1.90E-07	3.93E-04	6.19E-08	2.16E-08	3.37E-03	5.31E-07	1.85E-07	1.77E-04	2.80E-08	9.74E-09
4073	482863.09, 3854877.25	4.68E-03	7.36E-07	2.57E-07	4.38E-04	6.90E-08	2.40E-08	4.75E-03	7.48E-07	2.61E-07	5.07E-04	7.98E-08	2.78E-08	4.66E-03	7.34E-07	2.56E-07	2.30E-04	3.63E-08	1.26E-08
4074	483363.09, 3854877.25	4.81E-03	7.58E-07	2.64E-07	5.96E-04	9.39E-08	3.27E-08	4.91E-03	7.74E-07	2.70E-07	6.88E-04	1.08E-07	3.78E-08	4.69E-03	7.39E-07	2.57E-07	3.18E-04	5.01E-08	1.74E-08
4075	483863.09, 3854877.25	4.13E-03	6.50E-07	2.27E-07	8.79E-04	1.38E-07	4.82E-08	4.28E-03	6.74E-07	2.35E-07	1.02E-03	1.60E-07	5.58E-08	3.81E-03	5.99E-07	2.09E-07	4.60E-04	7.25E-08	2.53E-08
4076	484363.09, 3854877.25	3.43E-03	5.41E-07	1.88E-07	1.06E-03	1.68E-07	5.84E-08	3.61E-03	5.69E-07	1.98E-07	1.23E-03	1.94E-07	6.76E-08	2.96E-03	4.67E-07	1.63E-07	5.55E-04	8.74E-08	3.04E-08
4077	484863.09, 3854877.25	2.92E-03	4.60E-07	1.60E-07	8.86E-04	1.40E-07	4.87E-08	3.07E-03	4.84E-07	1.69E-07	1.03E-03	1.62E-07	5.63E-08	2.53E-03	3.99E-07	1.39E-07	4.62E-04	7.28E-08	2.54E-08
4078	485363.09, 3854877.25	2.94E-03	4.63E-07	1.61E-07	1.05E-03	1.66E-07	5.79E-08	3.12E-03	4.92E-07	1.71E-07	1.22E-03	1.92E-07	6.70E-08	2.45E-03	3.86E-07	1.35E-07	5.49E-04	8.66E-08	3.02E-08
4079	485863.09, 3854877.25	2.82E-03	4.44E-07	1.55E-07	1.08E-03	1.69E-07	5.90E-08	3.00E-03	4.73E-07	1.65E-07	1.25E-03	1.96E-07	6.83E-08	2.31E-03	3.64E-07	1.27E-07	5.60E-04	8.83E-08	3.07E-08
4080	486363.09, 3854877.25	2.66E-03	4.19E-07	1.46E-07	1.00E-03	1.58E-07	5.50E-08	2.83E-03	4.46E-07	1.55E-07	1.16E-03	1.83E-07	6.37E-08	2.18E-03	3.44E-07	1.20E-07	5.23E-04	8.23E-08	2.87E-08
4081	486863.09, 3854877.25	2.52E-03	3.98E-07	1.39E-07	9.40E-04	1.48E-07	5.16E-08	2.69E-03	4.23E-07	1.47E-07	1.09E-03	1.72E-07	5.98E-08	2.08E-03	3.28E-07	1.14E-07	4.90E-04	7.72E-08	2.69E-08
4082	487363.09, 3854877.25	2.65E-03	4.17E-07	1.45E-07	9.78E-04	1.54E-07	5.37E-08	2.81E-03	4.43E-07	1.54E-07	1.13E-03	1.78E-07	6.22E-08	2.18E-03	3.44E-07	1.20E-07	5.10E-04	8.04E-08	2.80E-08
4083	487863.09, 3854877.25	2.66E-03	4.19E-07	1.46E-07	9.94E-04	1.57E-07	5.46E-08	2.83E-03	4.46E-07	1.56E-07	1.15E-03	1.81E-07	6.32E-08	2.19E-03	3.46E-07	1.20E-07	5.18E-04	8.16E-08	2.84E-08

4084	488363.09, 3854877.25	2.70E-03	4.25E-07	1.48E-07	9.96E-04	1.57E-07	5.47E-08	2.87E-03	4.52E-07	1.57E-07	1.15E-03	1.82E-07	6.33E-08	2.23E-03	3.51E-07	1.22E-07	5.19E-04	8.18E-08	2.85E-08
4085	488863.09, 3854877.25	2.74E-03	4.32E-07	1.51E-07	9.89E-04	1.56E-07	5.43E-08	2.91E-03	4.59E-07	1.60E-07	1.15E-03	1.80E-07	6.28E-08	2.28E-03	3.60E-07	1.25E-07	5.15E-04	8.12E-08	2.83E-08
4086	489363.09, 3854877.25	2.71E-03	4.28E-07	1.49E-07	9.40E-04	1.48E-07	5.16E-08	2.88E-03	4.53E-07	1.58E-07	1.09E-03	1.71E-07	5.97E-08	2.28E-03	3.59E-07	1.25E-07	4.90E-04	7.72E-08	2.69E-08
4087	489863.09, 3854877.25	2.54E-03	4.01E-07	1.40E-07	8.53E-04	1.34E-07	4.68E-08	2.69E-03	4.24E-07	1.48E-07	9.88E-04	1.56E-07	5.42E-08	2.15E-03	3.39E-07	1.18E-07	4.45E-04	7.01E-08	2.44E-08
4088	490363.09, 3854877.25	1.98E-03	3.12E-07	1.09E-07	6.40E-04	1.01E-07	3.51E-08	2.09E-03	3.29E-07	1.15E-07	7.40E-04	1.17E-07	4.06E-08	1.69E-03	2.66E-07	9.28E-08	3.34E-04	5.26E-08	1.83E-08
4089	490863.09, 3854877.25	1.54E-03	2.43E-07	8.46E-08	4.49E-04	7.08E-08	2.47E-08	1.62E-03	2.55E-07	8.89E-08	5.20E-04	8.19E-08	2.85E-08	1.35E-03	2.12E-07	7.38E-08	2.35E-04	3.70E-08	1.29E-08
4090	491363.09, 3854877.25	1.66E-03	2.62E-07	9.12E-08	4.76E-04	7.49E-08	2.61E-08	1.74E-03	2.75E-07	9.57E-08	5.50E-04	8.67E-08	3.02E-08	1.45E-03	2.29E-07	7.98E-08	2.49E-04	3.92E-08	1.37E-08
4091	491863.09, 3854877.25	2.27E-03	3.58E-07	1.25E-07	6.54E-04	1.03E-07	3.59E-08	2.38E-03	3.76E-07	1.31E-07	7.57E-04	1.19E-07	4.15E-08	1.99E-03	3.13E-07	1.09E-07	3.42E-04	5.38E-08	1.87E-08
4092	492363.09, 3854877.25	2.26E-03	3.56E-07	1.24E-07	6.23E-04	9.82E-08	3.42E-08	2.37E-03	3.73E-07	1.30E-07	7.22E-04	1.14E-07	3.96E-08	1.99E-03	3.14E-07	1.09E-07	3.26E-04	5.13E-08	1.79E-08
4093	492863.09, 3854877.25	2.19E-03	3.45E-07	1.20E-07	5.73E-04	9.02E-08	3.14E-08	2.29E-03	3.60E-07	1.26E-07	6.63E-04	1.04E-07	3.64E-08	1.95E-03	3.07E-07	1.07E-07	3.00E-04	4.72E-08	1.64E-08
4094	493363.09, 3854877.25	2.08E-03	3.28E-07	1.14E-07	5.18E-04	8.16E-08	2.84E-08	2.17E-03	3.42E-07	1.19E-07	5.99E-04	9.44E-08	3.29E-08	1.87E-03	2.94E-07	1.02E-07	2.71E-04	4.28E-08	1.49E-08
4095	493863.09, 3854877.25	1.98E-03	3.11E-07	1.08E-07	4.73E-04	7.44E-08	2.59E-08	2.06E-03	3.24E-07	1.13E-07	5.47E-04	8.61E-08	3.00E-08	1.78E-03	2.81E-07	9.79E-08	2.48E-04	3.90E-08	1.36E-08
4096	494363.09, 3854877.25	1.61E-03	2.53E-07	8.82E-08	3.62E-04	5.71E-08	1.99E-08	1.67E-03	2.63E-07	9.16E-08	4.19E-04	6.60E-08	2.30E-08	1.46E-03	2.30E-07	8.03E-08	1.90E-04	3.00E-08	1.04E-08
4097	494863.09, 3854877.25	1.28E-03	2.01E-07	7.00E-08	2.60E-04	4.10E-08	1.43E-08	1.32E-03	2.08E-07	7.25E-08	3.01E-04	4.74E-08	1.65E-08	1.18E-03	1.85E-07	6.45E-08	1.37E-04	2.16E-08	7.53E-09
4098	495363.09, 3854877.25	1.11E-03	1.75E-07	6.08E-08	2.04E-04	3.22E-08	1.12E-08	1.14E-03	1.80E-07	6.27E-08	2.36E-04	3.72E-08	1.30E-08	1.03E-03	1.63E-07	5.67E-08	1.08E-04	1.70E-08	5.93E-09
4099	495863.09, 3854877.25	1.02E-03	1.60E-07	5.59E-08	1.74E-04	2.74E-08	9.53E-09	1.05E-03	1.65E-07	5.75E-08	2.01E-04	3.16E-08	1.10E-08	9.57E-04	1.51E-07	5.25E-08	9.21E-05	1.45E-08	5.05E-09
4100	496363.09, 3854877.25	8.99E-04	1.42E-07	4.93E-08	1.39E-04	2.18E-08	7.60E-09	9.22E-04	1.45E-07	5.06E-08	1.60E-04	2.52E-08	8.77E-09	8.53E-04	1.34E-07	4.68E-08	7.38E-05	1.16E-08	4.05E-09
4101	496863.09, 3854877.25	8.22E-04	1.30E-07	4.51E-08	1.18E-04	1.86E-08	6.48E-09	8.42E-04	1.33E-07	4.62E-08	1.36E-04	2.14E-08	7.47E-09	7.85E-04	1.24E-07	4.31E-08	6.31E-05	9.94E-09	3.46E-09
4102	497363.09, 3854877.25	7.98E-04	1.26E-07	4.38E-08	1.10E-04	1.74E-08	6.05E-09	8.17E-04	1.29E-07	4.48E-08	1.27E-04	2.00E-08	6.97E-09	7.65E-04	1.21E-07	4.20E-08	5.90E-05	9.29E-09	3.24E-09
4103	497863.09, 3854877.25	8.48E-04	1.34E-07	4.66E-08	1.17E-04	1.85E-08	6.43E-09	8.68E-04	1.37E-07	4.76E-08	1.35E-04	2.13E-08	7.42E-09	8.13E-04	1.28E-07	4.46E-08	6.27E-05	9.88E-09	3.44E-09
4104	498363.09, 3854877.25	8.35E-04	1.32E-07	4.59E-08	1.12E-04	1.77E-08	6.16E-09	8.54E-04	1.35E-07	4.69E-08	1.29E-04	2.04E-08	7.10E-09	8.03E-04	1.26E-07	4.40E-08	6.01E-05	9.46E-09	3.30E-09
4105	471363.09, 3855377.25	2.39E-04	3.76E-08	1.31E-08	3.20E-05	5.05E-09	1.76E-09	2.44E-04	3.84E-08	1.34E-08	3.70E-05	5.83E-09	2.03E-09	2.31E-04	3.64E-08	1.27E-08	1.69E-05	2.67E-09	9.29E-10
4106	471863.09, 3855377.25	2.48E-04	3.90E-08	1.36E-08	3.36E-05	5.30E-09	1.85E-09	2.53E-04	3.99E-08	1.39E-08	3.89E-05	6.12E-09	2.13E-09	2.39E-04	3.77E-08	1.31E-08	1.78E-05	2.80E-09	9.76E-10
4107	472363.09, 3855377.25	2.65E-04	4.18E-08	1.46E-08	3.63E-05	5.72E-09	1.99E-09	2.71E-04	4.28E-08	1.49E-08	4.19E-05	6.60E-09	2.30E-09	2.56E-04	4.04E-08	1.41E-08	1.92E-05	3.02E-09	1.05E-09
4108	472863.09, 3855377.25	2.74E-04	4.32E-08	1.51E-08	3.81E-05	6.00E-09	2.09E-09	2.81E-04	4.42E-08	1.54E-08	4.40E-05	6.93E-09	2.41E-09	2.65E-04	4.17E-08	1.45E-08	2.01E-05	3.17E-09	1.10E-09
4109	473363.09, 3855377.25	2.99E-04	4.72E-08	1.64E-08	4.17E-05	6.58E-09	2.29E-09	3.06E-04	4.83E-08	1.68E-08	4.82E-05	7.60E-09	2.65E-09	2.89E-04	4.55E-08	1.58E-08	2.20E-05	3.47E-09	1.21E-09
4110	473863.09, 3855377.25	3.20E-04	5.05E-08	1.76E-08	4.51E-05	7.11E-09	2.48E-09	3.28E-04	5.17E-08	1.80E-08	5.22E-05	8.22E-09	2.86E-09	3.09E-04	4.86E-08	1.69E-08	2.38E-05	3.75E-09	1.31E-09
4111	474363.09, 3855377.25	3.44E-04	5.41E-08	1.89E-08	4.86E-05	7.66E-09	2.67E-09	3.52E-04	5.54E-08	1.93E-08	5.62E-05	8.85E-09	3.08E-09	3.31E-04	5.21E-08	1.82E-08	2.57E-05	4.04E-09	1.41E-09
4112	474863.09, 3855377.25	3.05E-04	4.80E-08	1.67E-08	4.42E-05	6.96E-09	2.42E-09	3.12E-04	4.92E-08	1.71E-08	5.10E-05	8.04E-09	2.80E-09	2.92E-04	4.61E-08	1.60E-08	2.33E-05	3.68E-09	1.28E-09
4113	475363.09, 3855377.25	2.03E-04	3.19E-08	1.11E-08	2.31E-05	3.63E-09	1.27E-09	2.07E-04	3.25E-08	1.13E-08	2.66E-05	4.19E-09	1.46E-09	1.98E-04	3.12E-08	1.09E-08	1.23E-05	1.94E-09	6.77E-10
4114	475863.09, 3855377.25	1.80E-04	2.84E-08	9.90E-09	1.78E-05	2.81E-09	9.77E-10	1.83E-04	2.89E-08	1.01E-08	2.05E-05	3.23E-09	1.13E-09	1.78E-04	2.80E-08	9.75E-09	9.61E-06	1.51E-09	5.28E-10
4115	476363.09, 3855377.25	2.01E-04	3.17E-08	1.10E-08	2.11E-05	3.32E-09	1.16E-09	2.05E-04	3.22E-08	1.12E-08	2.43E-05	3.83E-09	1.33E-09	1.97E-04	3.11E-08	1.08E-08	1.13E-05	1.79E-09	6.22E-10
4116	476863.09, 3855377.25	2.05E-04	3.23E-08	1.12E-08	2.11E-05	3.32E-09	1.16E-09	2.08E-04	3.28E-08	1.14E-08	2.43E-05	3.83E-09	1.33E-09	2.01E-04	3.17E-08	1.10E-08	1.14E-05	1.79E-09	6.23E-10
4117	477363.09, 3855377.25	2.22E-04	3.50E-08	1.22E-08	2.37E-05	3.74E-09	1.30E-09	2.26E-04	3.56E-08	1.24E-08	2.73E-05	4.30E-09	1.50E-09	2.18E-04	3.43E-08	1.19E-08	1.27E-05	2.01E-09	6.99E-10
4118	477863.09, 3855377.25	2.61E-04	4.11E-08	1.43E-08	3.09E-05	4.87E-09	1.70E-09	2.66E-04	4.19E-08	1.46E-08	3.57E-05	5.62E-09	1.96E-09	2.54E-04	4.00E-08	1.39E-08	1.65E-05	2.60E-09	9.07E-10
4119	478363.09, 3855377.25	3.08E-04	4.85E-08	1.69E-08	4.05E-05	6.37E-09	2.22E-09	3.15E-04	4.96E-08	1.73E-08	4.67E-05	7.36E-09	2.56E-09	2.98E-04	4.69E-08	1.64E-08	2.15E-05	3.39E-09	1.18E-09
4120	478863.09, 3855377.25	3.64E-04	5.74E-08	2.00E-08	5.21E-05	8.20E-09	2.86E-09	3.73E-04	5.88E-08	2.05E-08	6.01E-05	9.47E-09	3.30E-09	3.50E-04	5.52E-08	1.92E-08	2.76E-05	4.34E-09	1.51E-09
4121	479363.09, 3855377.25	4.54E-04	7.15E-08	2.49E-08	7.25E-05	1.14E-08	3.98E-09	4.66E-04	7.34E-08	2.56E-08	8.37E-05	1.32E-08	4.60E-09	4.32E-04	6.80E-08	2.37E-08	3.82E-05	6.02E-09	2.10E-09
4122	479863.09, 3855377.25	5.56E-04	8.76E-08	3.05E-08	9.64E-05	1.52E-08	5.29E-09	5.72E-04	9.02E-08	3.14E-08	1.11E-04	1.76E-08	6.11E-09	5.25E-04	8.27E-08	2.88E-08	5.07E-05	7.98E-09	2.78E-09
4123	480363.09, 3855377.25	7.53E-04	1.19E-07	4.13E-08	1.47E-04	2.31E-08	8.04E-09	7.78E-04	1.23E-07	4.27E-08	1.69E-04	2.67E-08	9.30E-09	7.02E-04	1.11E-07	3.85E-08	7.68E-05	1.21E-08	4.22E-09
4124	480863.09, 3855377.25	1.09E-03	1.72E-07	6.01E-08	2.10E-04	3.31E-08	1.15E-08	1.13E-03	1.78E-07	6.21E-08	2.43E-04	3.83E-08	1.34E-08	1.02E-03	1.61E-07	5.61E-08	1.10E-04	1.73E-08	6.04E-09
4125	481363.09, 3855377.25	1.68E-03	2.65E-07	9.23E-08	2.71E-04	4.26E-08	1.48E-08	1.73E-03	2.72E-07	9.49E-08	3.13E-04	4.93E-08	1.72E-08	1.61E-03	2.53E-07	8.82E-08	1.41E-04	2.23E-08	7.76E-09
4126	481863.09, 3855377.25	2.68E-03	4.22E-07	1.47E-07	3.27E-04	5.14E-08	1.79E-08	2.73E-03	4.31E-07	1.50E-07	3.78E-04	5.95E-08	2.07E-08	2.62E-03	4.13E-07	1.44E-07	1.71E-04	2.69E-08	9.36E-09
4127	482363.09, 3855377.25	5.27E-03	8.31E-07	2.89E-07	3.84E-04	6.06E-08	2.11E-08	5.34E-03	8.41E-07	2.93E-07	4.45E-04	7.01E-08	2.44E-08	5.33E-03	8.39E-07	2.92E-07	2.01E-04	3.16E-08	1.10E-08
4128	482863.09, 3855377.25	2.13E-02	3.36E-06	1.17E-06	4.96E-04	7.81E-08	2.72E-08	2.14E-02	3.37E-06	1.17E-06	5.74E-04	9.04E-08	3.15E-08	2.22E-02	3.49E-06	1.22E-06	2.59E-04	4.08E-08	1.42E-08
4129	483363.09, 3855377.25	2.87E-02	4.52E-06	1.57E-06	6.75E-04	1.06E-07	3.70E-08	2.88E-02	4.53E-06	1.58E-06	7.81E-04	1.23E-07	4.29E-08	2.98E-02	4.70E-06	1.64E-06	3.52E-04	5.55E-08	1.93E-08
4130	483863.09, 3855377.25	1.35E-02	2.12E-06	7.39E-07	1.12E-03	1.77E-07	6.17E-08	1.37E-02	2.15E-06	7.50E-07	1.30E-03	2.05E-07	7.14E-08	1.35E-02	2.13E-06	7.42E-07	5.86E-04	9.23E-08	3.21E-08
4131	484363.09, 3855377.25	9.58E-03	1.51E-06	5.26E-07	3.25E-03	5.13E-07	1.79E-07	1.01E-02	1.60E-06	5.57E-07	3.77E-03	5.94E-07	2.07E-07	8.11E-03	1.28E-06	4.45E-07	1.69E-03	2.67E-07	9.29E-08
4132	484863.09, 3855377.25	4.00E-02	6.31E-06	2.20E-06	3.21E-02	5.06E-06	1.76E-06	4.56E-02	7.18E-06	2.50E-06	3.72E-02	5.86E-06	2.04E-06	2.25E-02	3.55E-06	1.24E-06	1.67E-02	2.63E-06	9.16E-07
4133	485363.09, 3855377.25	1.66E-02	2.62E-06	9.14E-07	1.18E-02	1.85E-06	6.45E-07	1.87E-02	2.94E-06	1.02E-06	1.36E-02	2.14E-06	7.47E-07	1.03E-02	1.63E-06	5.68E-07	6.11E-03	9.62E-07	3.35E-07
4134	485863.09, 3855377.25	9.41E-03	1.48E-06	5.17E-07	5.61E-03	8.83E-07	3.08E-07	1.04E-02	1.64E-06	5.70E-07	6.49E-03	1.02E-06	3.56E-07	6.49E-03	1.02E-06	3.56E-07	2.91E-03	4.59E-07	1.60E-07
4135	486363.09, 3855377.25	6.52E-03	1.03E-06	3.58E-07	3.40E-03	5.35E-07	1.86E-07	7.11E-03	1.12E-06	3.90E-07	3.93E-03	6.20E-07	2.16E-07	4.79E-03	7.55E-07	2.63E-07	1.77E-03	2.78E-07	9.69E-08
4136	486863.09, 3855377.25	5.15E-03	8.11E-07	2.83E-07	2.41E-03	3.80E-07	1.33E-07	5.56E-03	8.77E-07	3.05E-07	2.80E-03	4.40E-07	1.53E-07	3.94E-03	6.21E-07	2.16E-07	1.26E-03	1.98E-07	6.90E-08
4137	487363.09, 3855377.25	4.92E-03	7.75E-07	2.70E-07	2.17E-03	3.42E-07	1.19E-07	5.30E-03	8.34E-07	2.91E-07	2.51E-03	3.96E-07	1.38E-07	3.85E-03	6.07E-07	2.11E-07	1.13E-03	1.78E-07	6.20E-08
4138	487863.09, 3855377.25	4.64E-03	7.31E-07	2.55E-07	1.96E-03	3.08E-07	1.07E-07	4.98E-03	7.84E-07	2.73E-07	2.27E-03	3.57E-07	1.24E-07	3.69E-03	5.81E-07	2.02E-07	1.02E-03	1.60E-07	5.59E-08
4139	488363.09, 3855377.25	4.42E-03	6.96E-07	2.42E-07	1.77E-03	2.79E-07	9.73E-08	4.72E-03	7.44E-07	2.59E-07	2.05E-03	3.23E-07	1.13E-07	3.57E-03	5.62E-07	1.96E-07	9.23E-04	1.45E-07	5.06E-08
4140	488863.09, 3855377.25	4.22E-03	6.64E-07	2.31E-07	1.60E-03	2.52E-07	8.78E-08	4.49E-03	7.08E-07	2.47E-07	1.85E-03	2.92E-07	1.02E-07	3.46E-03	5.45E-07	1.90E-07	8.33E-04	1.31E-07	4.57E-08
4141	489363.09, 3855377.25	3.99E-03	6.28E-07	2.19E-07	1.44E-03	2.26E-07	7.88E-08	4.23E-03	6.67E-07	2.32E-07	1.66E-03	2.62E-07	9.12E-08	3.32E-03	5.23E-07	1.82E-07	7.48E-04	1.18E-07	4.10E-08
4142	489863.09, 3855377.25	3.63E-03	5.72E-07	1.99E-07	1.26E-03	1.99E-07	6.94E-08	3.85E-03	6.07E-07	2.11E-07	1.46E-03	2.31E-07	8.04E-08	3.05E-03	4.81E-07	1.67E-07	6.59E-04	1.04E-07	3.61E-08
4143	490363.09, 3855377.25	3.53E-03	5.57E-07	1.94E-07	1.15E-03	1.82E-07	6.33E-08	3.73E-03	5.88E-07	2.05E-07	1.34E-03	2.10E-07	7.33E-08	3.01E-03	4.75E-07	1.65E-07	6.01E-04	9.47E-08	3.30E-08
4144	490863.09, 3855377.25	2.43E-03	3.83E-07	1.33E-07	7.51E-04	1.18E-07	4.12E-08	2.56E-03	4.03E-07	1.40E-07	8.69E-04	1.37E-07	4.77E-08	2.09E-03	3.30E-07	1.15E-07	3.92E-04	6.18E-08	2.15E-08
4145	491363.09, 3855377.25	2.10E-03	3.30E-07	1.15E-07	6.10E-04	9.61E-08	3.35E-08	2.20E-03	3.47E-07	1.21E-07	7.06E-04	1.11E-07	3.88E-08	1.83E-03	2.88E-07	1.00E-07	3.19E-04	5.02E-08	1.75E-08
4146	491863.09, 3855377.25	2.89E-03	4.56E-07	1.59E-07	8.16E-04	1.29E-07	4.48E-08	3.03E-03	4.78E-07	1.66E-07	9.45E-04	1.49E-07	5.19E-08	2.54E-03	4.00E-07	1.39E-07	4.26E-04	6.72E-08	2.34E-08
4147	492363.09, 3855377.25	2.87E-03	4.52E-07	1.57E-07	7.52E-04	1.19E-07	4.13E-08	3.00E-03	4.72E-07	1.65E-07	8.71E-04	1.37E-07	4.78E-08	2.55E-03	4.02E-07	1.40E-07	3.93E-04	6.20E-08	2.16E-08
4148	492863.09, 3855377.25	2.71E-03	4.27E-07	1.49E-07	6.75E-04	1.06E-07	3.70E-08	2.82E-03	4.45E-07	1.55E-07	7.81E-04	1.23E-07	4.29E-08	2.43E-03	3.83E-07	1.33E-07	3.53E-04	5.57E-08	1.94E-08
4149	493363.09, 3855377.25	2.43E-03	3.83E-07	1.33E-07	5.80E-04	9.14E-08	3.18E-08	2.53E-03	3.98E-07	1.39E-07	6.71E-04	1.06E-07	3.68E-08	2.19E-03	3.45E-07	1.20E-07	3.04E-04	4.79E-08	1.67E-08
4150	493863.09, 3855377.25	1.99E-03	3.13E-07	1.09E-07	4.44E-04	7.00E-08	2.44E-08	2.07E-03	3.25E-07	1.13E-07	5.14E-04	8.10E-08	2.82E-08	1.81E-03	2.85E-07	9.94E-08	2.34E-04	3.68E-08	1.28E-08

4151 494363.09, 3855377.25	1.57E-03	2.47E-07	8.62E-08	3.20E-04	5.04E-08	1.76E-08	1.63E-03	2.56E-07	8.92E-08	3.70E-04	5.82E-08	2.03E-08	1.45E-03	2.28E-07	7.95E-08	1.68E-04	2.65E-08	9.24E-09
4152 494863.09, 3855377.25	1.27E-03	2.01E-07	6.99E-08	2.29E-04	3.60E-08	1.26E-08	1.31E-03	2.07E-07	7.21E-08	2.64E-04	4.16E-08	1.45E-08	1.19E-03	1.88E-07	6.54E-08	1.21E-04	1.91E-08	6.64E-09
4153 495363.09, 3855377.25	1.09E-03	1.72E-07	5.98E-08	1.74E-04	2.74E-08	9.56E-09	1.12E-03	1.76E-07	6.15E-08	2.01E-04	3.17E-08	1.10E-08	1.03E-03	1.63E-07	5.66E-08	9.25E-05	1.46E-08	5.08E-09
4154 495863.09, 3855377.25	9.64E-04	1.52E-07	5.29E-08	1.40E-04	2.21E-08	7.69E-09	9.87E-04	1.56E-07	5.42E-08	1.62E-04	2.55E-08	8.87E-09	9.19E-04	1.45E-07	5.05E-08	7.48E-05	1.18E-08	4.11E-09
4155 496363.09, 3855377.25	9.35E-04	1.47E-07	5.13E-08	1.30E-04	2.05E-08	7.15E-09	9.57E-04	1.51E-07	5.25E-08	1.50E-04	2.37E-08	8.24E-09	8.95E-04	1.41E-07	4.91E-08	6.97E-05	1.10E-08	3.82E-09
4156 496863.09, 3855377.25	9.10E-04	1.43E-07	5.00E-08	1.22E-04	1.92E-08	6.69E-09	9.31E-04	1.47E-07	5.11E-08	1.41E-04	2.22E-08	7.72E-09	8.74E-04	1.38E-07	4.80E-08	6.53E-05	1.03E-08	3.59E-09
4157 497363.09, 3855377.25	9.15E-04	1.44E-07	5.02E-08	1.20E-04	1.89E-08	6.57E-09	9.35E-04	1.47E-07	5.13E-08	1.38E-04	2.17E-08	7.58E-09	8.81E-04	1.39E-07	4.83E-08	6.42E-05	1.01E-08	3.52E-09
4158 497863.09, 3855377.25	9.39E-04	1.48E-07	5.15E-08	1.22E-04	1.91E-08	6.67E-09	9.59E-04	1.51E-07	5.26E-08	1.40E-04	2.21E-08	7.69E-09	9.04E-04	1.42E-07	4.96E-08	6.51E-05	1.03E-08	3.57E-09
4159 498363.09, 3855377.25	9.73E-04	1.53E-07	5.34E-08	1.26E-04	1.98E-08	6.91E-09	9.94E-04	1.57E-07	5.45E-08	1.45E-04	2.29E-08	7.97E-09	9.37E-04	1.48E-07	5.14E-08	6.74E-05	1.06E-08	3.70E-09
4160 471363.09, 3855877.25	2.45E-04	3.86E-08	1.34E-08	3.17E-05	4.99E-09	1.74E-09	2.50E-04	3.94E-08	1.37E-08	3.66E-05	5.77E-09	2.01E-09	2.38E-04	3.74E-08	1.30E-08	1.68E-05	2.64E-09	9.19E-10
4161 471863.09, 3855877.25	2.55E-04	4.01E-08	1.40E-08	3.33E-05	5.24E-09	1.83E-09	2.60E-04	4.10E-08	1.43E-08	3.84E-05	6.06E-09	2.11E-09	2.47E-04	3.89E-08	1.36E-08	1.76E-05	2.77E-09	9.65E-10
4162 472363.09, 3855877.25	2.78E-04	4.38E-08	1.53E-08	3.63E-05	5.71E-09	1.99E-09	2.84E-04	4.48E-08	1.56E-08	4.19E-05	6.60E-09	2.30E-09	2.70E-04	4.25E-08	1.48E-08	1.92E-05	3.02E-09	1.05E-09
4163 472863.09, 3855877.25	2.82E-04	4.45E-08	1.55E-08	3.76E-05	5.92E-09	2.06E-09	2.89E-04	4.55E-08	1.58E-08	4.34E-05	6.84E-09	2.38E-09	2.73E-04	4.31E-08	1.50E-08	1.98E-05	3.13E-09	1.09E-09
4164 473363.09, 3855877.25	3.14E-04	4.95E-08	1.72E-08	4.15E-05	6.54E-09	2.28E-09	3.21E-04	5.06E-08	1.76E-08	4.80E-05	7.56E-09	2.63E-09	3.04E-04	4.80E-08	1.67E-08	2.19E-05	3.45E-09	1.20E-09
4165 473863.09, 3855877.25	3.38E-04	5.33E-08	1.86E-08	4.49E-05	7.08E-09	2.47E-09	3.46E-04	5.45E-08	1.90E-08	5.19E-05	8.18E-09	2.85E-09	3.28E-04	5.16E-08	1.80E-08	2.37E-05	3.73E-09	1.30E-09
4166 474363.09, 3855877.25	3.60E-04	5.67E-08	1.97E-08	4.80E-05	7.56E-09	2.63E-09	3.68E-04	5.79E-08	2.02E-08	5.55E-05	8.74E-09	3.04E-09	3.48E-04	5.48E-08	1.91E-08	2.54E-05	4.00E-09	1.39E-09
4167 474863.09, 3855877.25	2.96E-04	4.66E-08	1.62E-08	4.16E-05	6.56E-09	2.29E-09	3.03E-04	4.77E-08	1.66E-08	4.81E-05	7.58E-09	2.64E-09	2.85E-04	4.48E-08	1.56E-08	2.20E-05	3.47E-09	1.21E-09
4168 475363.09, 3855877.25	2.24E-04	3.53E-08	1.23E-08	2.83E-05	4.46E-09	1.55E-09	2.29E-04	3.61E-08	1.26E-08	3.27E-05	5.15E-09	1.79E-09	2.18E-04	3.43E-08	1.19E-08	1.51E-05	2.37E-09	8.26E-10
4169 475863.09, 3855877.25	1.52E-04	2.40E-08	8.35E-09	1.35E-05	2.13E-09	7.41E-10	1.54E-04	2.43E-08	8.47E-09	1.55E-05	2.45E-09	8.53E-10	1.51E-04	2.37E-08	8.27E-09	7.34E-06	1.16E-09	4.03E-10
4170 476363.09, 3855877.25	1.63E-04	2.57E-08	8.94E-09	1.45E-05	2.29E-09	7.98E-10	1.65E-04	2.60E-08	9.07E-09	1.67E-05	2.64E-09	9.18E-10	1.61E-04	2.54E-08	8.86E-09	7.90E-06	1.24E-09	4.34E-10
4171 476863.09, 3855877.25	2.08E-04	3.28E-08	1.14E-08	2.15E-05	3.38E-09	1.18E-09	2.12E-04	3.34E-08	1.16E-08	2.47E-05	3.90E-09	1.36E-09	2.05E-04	3.23E-08	1.12E-08	1.15E-05	1.82E-09	6.33E-10
4172 477363.09, 3855877.25	2.38E-04	3.75E-08	1.31E-08	2.64E-05	4.16E-09	1.45E-09	2.43E-04	3.82E-08	1.33E-08	3.05E-05	4.80E-09	1.67E-09	2.33E-04	3.67E-08	1.28E-08	1.41E-05	2.23E-09	7.76E-10
4173 477863.09, 3855877.25	2.73E-04	4.31E-08	1.50E-08	3.23E-05	5.09E-09	1.77E-09	2.79E-04	4.39E-08	1.53E-08	3.73E-05	5.87E-09	2.05E-09	2.67E-04	4.20E-08	1.46E-08	1.72E-05	2.72E-09	9.46E-10
4174 478363.09, 3855877.25	3.25E-04	5.11E-08	1.78E-08	4.23E-05	6.66E-09	2.32E-09	3.32E-04	5.22E-08	1.82E-08	4.88E-05	7.69E-09	2.68E-09	3.14E-04	4.95E-08	1.72E-08	2.24E-05	3.53E-09	1.23E-09
4175 478863.09, 3855877.25	3.95E-04	6.22E-08	2.17E-08	5.60E-05	8.83E-09	3.08E-09	4.04E-04	6.37E-08	2.22E-08	6.47E-05	1.02E-08	3.55E-09	3.80E-04	5.98E-08	2.08E-08	2.96E-05	4.67E-09	1.63E-09
4176 479363.09, 3855877.25	4.97E-04	7.83E-08	2.73E-08	7.85E-05	1.24E-08	4.31E-09	5.11E-04	8.04E-08	2.80E-08	9.08E-05	1.43E-08	4.98E-09	4.74E-04	7.46E-08	2.60E-08	4.14E-05	6.52E-09	2.27E-09
4177 479863.09, 3855877.25	6.23E-04	9.81E-08	3.42E-08	1.06E-04	1.67E-08	5.83E-09	6.41E-04	1.01E-07	3.52E-08	1.23E-04	1.93E-08	6.74E-09	5.89E-04	9.28E-08	3.23E-08	5.59E-05	8.80E-09	3.07E-09
4178 480363.09, 3855877.25	8.24E-04	1.30E-07	4.52E-08	1.49E-04	2.35E-08	8.20E-09	8.50E-04	1.34E-07	4.66E-08	1.73E-04	2.72E-08	9.49E-09	7.75E-04	1.22E-07	4.25E-08	7.84E-05	1.23E-08	4.30E-09
4179 480863.09, 3855877.25	1.15E-03	1.81E-07	6.30E-08	2.07E-04	3.26E-08	1.14E-08	1.18E-03	1.86E-07	6.50E-08	2.40E-04	3.77E-08	1.31E-08	1.08E-03	1.70E-07	5.93E-08	1.08E-04	1.71E-08	5.95E-09
4180 481363.09, 3855877.25	1.31E-03	2.06E-07	7.18E-08	2.43E-04	3.83E-08	1.33E-08	1.35E-03	2.13E-07	7.41E-08	2.81E-04	4.43E-08	1.54E-08	1.23E-03	1.94E-07	6.74E-08	1.27E-04	2.00E-08	6.98E-09
4181 481863.09, 3855877.25	2.72E-03	4.29E-07	1.49E-07	3.33E-04	5.25E-08	1.83E-08	2.78E-03	4.38E-07	1.53E-07	3.86E-04	6.07E-08	2.12E-08	2.67E-03	4.20E-07	1.46E-07	1.74E-04	2.74E-08	9.55E-09
4182 482363.09, 3855877.25	5.64E-03	8.89E-07	3.10E-07	3.91E-04	6.16E-08	2.15E-08	5.71E-03	8.99E-07	3.13E-07	4.53E-04	7.13E-08	2.49E-08	5.71E-03	9.00E-07	3.13E-07	2.04E-04	3.22E-08	1.12E-08
4183 482863.09, 3855877.25	1.02E-02	1.61E-06	5.62E-07	5.15E-04	8.11E-08	2.83E-08	1.03E-02	1.63E-06	5.67E-07	5.96E-04	9.39E-08	3.27E-08	1.05E-02	1.65E-06	5.76E-07	2.69E-04	4.24E-08	1.48E-08
4184 483363.09, 3855877.25	3.87E-02	6.10E-06	2.12E-06	7.10E-04	1.12E-07	3.90E-08	3.88E-02	6.11E-06	2.13E-06	8.21E-04	1.29E-07	4.51E-08	4.04E-02	6.37E-06	2.22E-06	3.72E-04	5.85E-08	2.04E-08
4185 483863.09, 3855877.25	2.84E-02	4.47E-06	1.56E-06	1.02E-03	1.61E-07	5.61E-08	2.85E-02	4.50E-06	1.57E-06	1.18E-03	1.86E-07	6.49E-08	2.93E-02	4.62E-06	1.61E-06	5.35E-04	8.42E-08	2.93E-08
4186 484363.09, 3855877.25	1.68E-02	2.64E-06	9.21E-07	1.82E-03	2.86E-07	9.98E-08	1.71E-02	2.69E-06	9.38E-07	2.10E-03	3.31E-07	1.15E-07	1.66E-02	2.61E-06	9.10E-07	9.51E-04	1.50E-07	5.22E-08
4187 484863.09, 3855877.25	1.41E-02	2.23E-06	7.76E-07	3.94E-03	6.20E-07	2.16E-07	1.48E-02	2.33E-06	8.13E-07	4.56E-03	7.18E-07	2.50E-07	1.25E-02	1.97E-06	6.85E-07	2.05E-03	3.23E-07	1.13E-07
4188 485363.09, 3855877.25	4.00E-02	6.29E-06	2.19E-06	2.94E-02	4.64E-06	1.62E-06	4.50E-02	7.09E-06	2.47E-06	3.41E-02	5.37E-06	1.87E-06	2.41E-02	3.79E-06	1.32E-06	1.53E-02	2.41E-06	8.40E-07
4189 485863.09, 3855877.25	2.63E-02	4.14E-06	1.44E-06	1.86E-02	2.92E-06	1.02E-06	2.95E-02	4.65E-06	1.62E-06	2.15E-02	3.39E-06	1.18E-06	1.64E-02	2.58E-06	8.98E-07	9.64E-03	1.52E-06	5.29E-07
4190 486363.09, 3855877.25	1.30E-02	2.05E-06	7.14E-07	7.54E-03	1.19E-06	4.14E-07	1.43E-02	2.25E-06	7.85E-07	8.73E-03	1.37E-06	4.79E-07	9.08E-03	1.43E-06	4.99E-07	3.92E-03	6.17E-07	2.15E-07
4191 486863.09, 3855877.25	9.45E-03	1.49E-06	5.19E-07	4.86E-03	7.65E-07	2.67E-07	1.03E-02	1.62E-06	5.65E-07	5.63E-03	8.86E-07	3.09E-07	6.98E-03	1.10E-06	3.83E-07	2.53E-03	3.98E-07	1.39E-07
4192 487363.09, 3855877.25	8.26E-03	1.30E-06	4.53E-07	3.90E-03	6.14E-07	2.14E-07	8.93E-03	1.41E-06	4.90E-07	4.51E-03	7.11E-07	2.48E-07	6.32E-03	9.95E-07	3.47E-07	2.03E-03	3.19E-07	1.11E-07
4193 487863.09, 3855877.25	7.38E-03	1.16E-06	4.05E-07	3.22E-03	5.07E-07	1.77E-07	7.93E-03	1.25E-06	4.35E-07	3.73E-03	5.87E-07	2.05E-07	5.80E-03	9.14E-07	3.18E-07	1.67E-03	2.64E-07	9.19E-08
4194 488363.09, 3855877.25	6.57E-03	1.04E-06	3.61E-07	2.68E-03	4.22E-07	1.47E-07	7.04E-03	1.11E-06	3.86E-07	3.10E-03	4.88E-07	1.70E-07	5.29E-03	8.33E-07	2.90E-07	1.39E-03	2.19E-07	7.64E-08
4195 488863.09, 3855877.25	5.98E-03	9.42E-07	3.28E-07	2.27E-03	3.58E-07	1.25E-07	6.37E-03	1.00E-06	3.50E-07	2.63E-03	4.14E-07	1.44E-07	4.91E-03	7.73E-07	2.69E-07	1.18E-03	1.86E-07	6.48E-08
4196 489363.09, 3855877.25	5.43E-03	8.55E-07	2.98E-07	1.93E-03	3.04E-07	1.06E-07	5.76E-03	9.07E-07	3.16E-07	2.23E-03	3.52E-07	1.23E-07	4.54E-03	7.14E-07	2.49E-07	1.00E-03	1.58E-07	5.51E-08
4197 489863.09, 3855877.25	4.96E-03	7.81E-07	2.72E-07	1.65E-03	2.60E-07	9.06E-08	5.24E-03	8.26E-07	2.88E-07	1.91E-03	3.01E-07	1.05E-07	4.21E-03	6.63E-07	2.31E-07	8.60E-04	1.35E-07	4.72E-08
4198 490363.09, 3855877.25	4.63E-03	7.29E-07	2.54E-07	1.43E-03	2.25E-07	7.84E-08	4.87E-03	7.68E-07	2.67E-07	1.65E-03	2.60E-07	9.07E-08	4.00E-03	6.29E-07	2.19E-07	7.44E-04	1.17E-07	4.08E-08
4199 490863.09, 3855877.25	4.17E-03	6.57E-07	2.29E-07	1.23E-03	1.94E-07	6.75E-08	4.38E-03	6.90E-07	2.40E-07	1.42E-03	2.24E-07	7.81E-08	3.63E-03	5.72E-07	1.99E-07	6.41E-04	1.01E-07	3.52E-08
4200 491363.09, 3855877.25	3.58E-03	5.64E-07	1.97E-07	1.02E-03	1.60E-07	5.59E-08	3.76E-03	5.92E-07	2.06E-07	1.18E-03	1.86E-07	6.47E-08	3.14E-03	4.95E-07	1.72E-07	5.32E-04	8.38E-08	2.92E-08
4201 491863.09, 3855877.25	3.72E-03	5.86E-07	2.04E-07	9.50E-04	1.50E-07	5.22E-08	3.88E-03	6.12E-07	2.13E-07	1.10E-03	1.73E-07	6.04E-08	3.33E-03	5.24E-07	1.83E-07	4.97E-04	7.83E-08	2.73E-08
4202 492363.09, 3855877.25	3.43E-03	5.40E-07	1.88E-07	8.31E-04	1.31E-07	4.56E-08	3.57E-03	5.63E-07	1.96E-07	9.62E-04	1.52E-07	5.28E-08	3.09E-03	4.87E-07	1.70E-07	4.35E-04	6.86E-08	2.39E-08
4203 492863.09, 3855877.25	3.20E-03	5.05E-07	1.76E-07	7.33E-04	1.15E-07	4.02E-08	3.33E-03	5.24E-07	1.83E-07	8.48E-04	1.34E-07	4.65E-08	2.91E-03	4.58E-07	1.60E-07	3.84E-04	6.05E-08	2.11E-08
4204 493363.09, 3855877.25	2.57E-03	4.05E-07	1.41E-07	5.65E-04	8.89E-08	3.10E-08	2.67E-03	4.20E-07	1.46E-07	6.53E-04	1.03E-07	3.58E-08	2.35E-03	3.70E-07	1.29E-07	2.97E-04	4.67E-08	1.63E-08
4205 493863.09, 3855877.25	1.95E-03	3.08E-07	1.07E-07	3.89E-04	6.13E-08	2.13E-08	2.02E-03	3.18E-07	1.11E-07	4.50E-04	7.08E-08	2.47E-08	1.81E-03	2.85E-07	9.91E-08	2.05E-04	3.23E-08	1.12E-08
4206 494363.09, 3855877.25	1.54E-03	2.42E-07	8.43E-08	2.67E-04	4.21E-08	1.47E-08	1.58E-03	2.49E-07	8.68E-08	3.09E-04	4.86E-08	1.69E-08	1.44E-03	2.27E-07	7.91E-08	1.41E-04	2.23E-08	7.76E-09
4207 494863.09, 3855877.25	1.29E-03	2.03E-07	7.06E-08	1.96E-04	3.09E-08	1.08E-08	1.32E-03	2.08E-07	7.24E-08	2.27E-04	3.57E-08	1.24E-08	1.22E-03	1.93E-07	6.71E-08	1.04E-04	1.65E-08	5.73E-09
4208 495363.09, 3855877.25	1.03E-03	1.63E-07	5.68E-08	1.38E-04	2.18E-08	7.60E-09	1.06E-03	1.67E-07	5.80E-08	1.60E-04	2.51E-08	8.76E-09	9.94E-04	1.57E-07	5.45E-08	7.41E-05	1.17E-08	4.07E-09
4209 495863.09, 3855877.25	1.01E-03	1.59E-07	5.53E-08	1.29E-04	2.04E-08	7.11E-09	1.03E-03	1.62E-07	5.65E-08	1.49E-04	2.35E-08	8.19E-09	9.71E-04	1.53E-07	5.33E-08	6.95E-05	1.09E-08	3.81E-09
4210 496363.09, 3855877.25	9.91E-04	1.56E-07	5.44E-08	1.23E-04	1.94E-08	6.76E-09	1.01E-03	1.59E-07	5.55E-08	1.42E-04	2.24E-08	7.79E-09	9.57E-04	1.51E-07	5.25E-08	6.62E-05	1.04E-08	3.63E-09
4211 496863.09, 3855877.25	1.01E-03	1.59E-07	5.53E-08	1.23E-04	1.94E-08	6.76E-09	1.03E-03	1.62E-07	5.64E-08	1.42E-04	2.24E-08	7.80E-09	9.75E-04	1.54E-07	5.35E-08	6.62E-05	1.04E-08	3.64E-09
4212 497363.09, 3855877.25	1.03E-03	1.62E-07	5.64E-08	1.24E-04	1.96E-08	6.83E-09	1.05E-03	1.65E-07	5.75E-08	1.43E-04	2.26E-08	7.87E-09	9.95E-04	1.57E-07	5.46E-08	6.69E-05	1.05E-08	3.67E-09
4213 497863.09, 3855877.25	1.06E-03	1.67E-07	5.82E-08	1.28E-04	2.02E-08	7.04E-09	1.08E-03	1.70E-07	5.94E-08	1.48E-04	2.33E-08	8.11E-09	1.03E-03	1.62E-07	5.64E-08	6.88E-05	1.08E-08	3.78E-09
4214 498363.09, 3855877.25	1.14E-03	1.79E-07	6.25E-08	1.42E-04	2.24E-08	7.80E-09	1.16E-03	1.83E-07	6.38E-08	1.64E-04	2.58E-08	8.99E-09	1.10E-03	1.74E-07	6.05E-08	7.61E-05	1.20E-08	4.18E-09
4215 471363.09, 3856377.25	2.48E-04	3.91E-08	1.36E-08	3.20E-05	5.05E-09	1.76E-09	2.54E-04	4.00E-08	1.39E-08	3.70E-05	5.83E-09	2.03E-09	2.41E-04	3.80E-08	1.32E-08	1.69E-05	2.66E-09	9.28E-10
4216 471863.09, 3856377.25	2.57E-04	4.05E-08	1.41E-08	3.36E-05	5.30E-09	1.85E-09	2.63E-04	4.14E-08	1.44E-08	3.89E-05	6.12E-09	2.13E-09	2.50E-04	3.93E-08	1.37E-08	1.77E-05	2.80E-09	9.74E-10
4217 472363.09, 3856377.25	2.75E-04	4.34E-08	1.51E-08	3.63E-05	5.71E-09	1.99E-09	2.82E-04	4.44E-08	1.55E-08	4.19E-05	6.60E-09	2.30E-09	2.67E-04	4.21E-08	1.47E-08	1.91E-05	3.01E-09	1.05E-09

4218	472863.09, 3856377.25	2.99E-04	4.71E-08	1.64E-08	3.94E-05	6.21E-09	2.16E-09	3.06E-04	4.82E-08	1.68E-08	4.56E-05	7.18E-09	2.50E-09	2.90E-04	4.57E-08	1.59E-08	2.08E-05	3.28E-09	1.14E-09
4219	473363.09, 3856377.25	3.19E-04	5.03E-08	1.75E-08	4.25E-05	6.70E-09	2.33E-09	3.26E-04	5.14E-08	1.79E-08	4.91E-05	7.74E-09	2.70E-09	3.09E-04	4.87E-08	1.70E-08	2.24E-05	3.53E-09	1.23E-09
4220	473863.09, 3856377.25	3.58E-04	5.63E-08	1.96E-08	4.72E-05	7.43E-09	2.59E-09	3.66E-04	5.76E-08	2.01E-08	5.45E-05	8.59E-09	2.99E-09	3.47E-04	5.46E-08	1.90E-08	2.49E-05	3.91E-09	1.36E-09
4221	474363.09, 3856377.25	3.50E-04	5.51E-08	1.92E-08	4.83E-05	7.60E-09	2.65E-09	3.58E-04	5.64E-08	1.96E-08	5.58E-05	8.79E-09	3.06E-09	3.38E-04	5.32E-08	1.85E-08	2.54E-05	4.01E-09	1.40E-09
4222	474863.09, 3856377.25	3.37E-04	5.30E-08	1.85E-08	4.78E-05	7.52E-09	2.62E-09	3.45E-04	5.43E-08	1.89E-08	5.52E-05	8.69E-09	3.03E-09	3.24E-04	5.10E-08	1.78E-08	2.52E-05	3.97E-09	1.38E-09
4223	475363.09, 3856377.25	2.83E-04	4.47E-08	1.56E-08	4.04E-05	6.37E-09	2.22E-09	2.90E-04	4.57E-08	1.59E-08	4.67E-05	7.36E-09	2.56E-09	2.73E-04	4.29E-08	1.50E-08	2.14E-05	3.37E-09	1.17E-09
4224	475863.09, 3856377.25	2.27E-04	3.57E-08	1.25E-08	2.86E-05	4.50E-09	1.57E-09	2.32E-04	3.65E-08	1.27E-08	3.30E-05	5.20E-09	1.81E-09	2.20E-04	3.47E-08	1.21E-08	1.52E-05	2.39E-09	8.33E-10
4225	476363.09, 3856377.25	2.25E-04	3.55E-08	1.24E-08	2.71E-05	4.26E-09	1.48E-09	2.30E-04	3.62E-08	1.26E-08	3.12E-05	4.92E-09	1.71E-09	2.19E-04	3.46E-08	1.20E-08	1.44E-05	2.27E-09	7.91E-10
4226	476863.09, 3856377.25	2.36E-04	3.72E-08	1.30E-08	2.80E-05	4.41E-09	1.54E-09	2.41E-04	3.79E-08	1.32E-08	3.23E-05	5.09E-09	1.77E-09	2.30E-04	3.63E-08	1.26E-08	1.49E-05	2.35E-09	8.18E-10
4227	477363.09, 3856377.25	2.53E-04	3.99E-08	1.39E-08	3.03E-05	4.77E-09	1.66E-09	2.59E-04	4.07E-08	1.42E-08	3.50E-05	5.51E-09	1.92E-09	2.47E-04	3.89E-08	1.36E-08	1.61E-05	2.54E-09	8.86E-10
4228	477863.09, 3856377.25	2.37E-04	3.73E-08	1.30E-08	2.48E-05	3.91E-09	1.36E-09	2.41E-04	3.80E-08	1.32E-08	2.86E-05	4.50E-09	1.57E-09	2.33E-04	3.67E-08	1.28E-08	1.33E-05	2.10E-09	7.30E-10
4229	478363.09, 3856377.25	2.33E-04	3.68E-08	1.28E-08	2.25E-05	3.55E-09	1.24E-09	2.37E-04	3.74E-08	1.30E-08	2.59E-05	4.09E-09	1.42E-09	2.30E-04	3.63E-08	1.26E-08	1.21E-05	1.91E-09	6.66E-10
4230	478863.09, 3856377.25	3.46E-04	5.46E-08	1.90E-08	4.48E-05	7.06E-09	2.46E-09	3.54E-04	5.58E-08	1.94E-08	5.18E-05	8.15E-09	2.84E-09	3.36E-04	5.29E-08	1.84E-08	2.38E-05	3.75E-09	1.30E-09
4231	479363.09, 3856377.25	4.26E-04	6.72E-08	2.34E-08	5.99E-05	9.44E-09	3.29E-09	4.37E-04	6.88E-08	2.40E-08	6.92E-05	1.09E-08	3.80E-09	4.11E-04	6.47E-08	2.25E-08	3.17E-05	4.99E-09	1.74E-09
4232	479863.09, 3856377.25	6.25E-04	9.85E-08	3.43E-08	1.03E-04	1.63E-08	5.67E-09	6.43E-04	1.01E-07	3.53E-08	1.19E-04	1.88E-08	6.56E-09	5.93E-04	9.34E-08	3.25E-08	5.44E-05	8.57E-09	2.99E-09
4233	480363.09, 3856377.25	8.88E-04	1.40E-07	4.87E-08	1.56E-04	2.45E-08	8.55E-09	9.14E-04	1.44E-07	5.02E-08	1.80E-04	2.84E-08	9.89E-09	8.38E-04	1.32E-07	4.60E-08	8.18E-05	1.29E-08	4.49E-09
4234	480863.09, 3856377.25	1.20E-03	1.90E-07	6.60E-08	2.05E-04	3.23E-08	1.13E-08	1.24E-03	1.95E-07	6.80E-08	2.37E-04	3.74E-08	1.30E-08	1.14E-03	1.80E-07	6.26E-08	1.07E-04	1.69E-08	5.89E-09
4235	481363.09, 3856377.25	1.73E-03	2.72E-07	9.49E-08	2.63E-04	4.15E-08	1.45E-08	1.77E-03	2.79E-07	9.73E-08	3.05E-04	4.80E-08	1.67E-08	1.66E-03	2.61E-07	9.10E-08	1.38E-04	2.17E-08	7.56E-09
4236	481863.09, 3856377.25	2.99E-03	4.72E-07	1.64E-07	3.27E-04	5.15E-08	1.79E-08	3.05E-03	4.80E-07	1.67E-07	3.79E-04	5.96E-08	2.08E-08	2.96E-03	4.66E-07	1.62E-07	1.71E-04	2.69E-08	9.37E-09
4237	482363.09, 3856377.25	5.29E-03	8.34E-07	2.90E-07	3.86E-04	6.08E-08	2.12E-08	5.36E-03	8.44E-07	2.94E-07	4.47E-04	7.04E-08	2.45E-08	5.35E-03	8.42E-07	2.93E-07	2.02E-04	3.18E-08	1.11E-08
4238	482863.09, 3856377.25	8.35E-03	1.32E-06	4.58E-07	4.86E-04	7.65E-08	2.66E-08	8.43E-03	1.33E-06	4.63E-07	5.62E-04	8.85E-08	3.08E-08	8.51E-03	1.34E-06	4.67E-07	2.54E-04	4.00E-08	1.39E-08
4239	483363.09, 3856377.25	2.66E-02	4.19E-06	1.46E-06	6.29E-04	9.91E-08	3.45E-08	2.67E-02	4.21E-06	1.47E-06	7.28E-04	1.15E-07	3.99E-08	2.77E-02	4.36E-06	1.52E-06	3.29E-04	5.19E-08	1.81E-08
4240	483863.09, 3856377.25	5.55E-02	8.74E-06	3.05E-06	8.68E-04	1.37E-07	4.76E-08	5.56E-02	8.76E-06	3.05E-06	1.00E-03	1.58E-07	5.51E-08	5.80E-02	9.14E-06	3.19E-06	4.57E-04	7.20E-08	2.51E-08
4241	484363.09, 3856377.25	5.55E-02	8.74E-06	3.05E-06	1.24E-03	1.95E-07	6.78E-08	5.57E-02	8.78E-06	3.06E-06	1.43E-03	2.25E-07	7.84E-08	5.78E-02	9.11E-06	3.17E-06	6.51E-04	1.03E-07	3.57E-08
4242	484863.09, 3856377.25	2.77E-02	4.36E-06	1.52E-06	1.86E-03	2.94E-07	1.02E-07	2.80E-02	4.41E-06	1.54E-06	2.16E-03	3.40E-07	1.18E-07	2.81E-02	4.42E-06	1.54E-06	9.81E-04	1.55E-07	5.38E-08
4243	485363.09, 3856377.25	1.98E-02	3.13E-06	1.09E-06	3.43E-03	5.41E-07	1.88E-07	2.04E-02	3.22E-06	1.12E-06	3.97E-03	6.26E-07	2.18E-07	1.88E-02	2.96E-06	1.03E-06	1.79E-03	2.82E-07	9.83E-08
4244	485863.09, 3856377.25	3.05E-02	4.81E-06	1.68E-06	1.76E-02	2.78E-06	9.68E-07	3.36E-02	5.29E-06	1.84E-06	2.04E-02	3.22E-06	1.12E-06	2.14E-02	3.37E-06	1.17E-06	9.17E-03	1.44E-06	5.03E-07
4245	486363.09, 3856377.25	3.04E-02	4.79E-06	1.67E-06	2.10E-02	3.31E-06	1.15E-06	3.40E-02	5.36E-06	1.87E-06	2.43E-02	3.83E-06	1.33E-06	1.92E-02	3.02E-06	1.05E-06	1.09E-02	1.72E-06	5.99E-07
4246	486863.09, 3856377.25	1.66E-02	2.62E-06	9.13E-07	9.30E-03	1.46E-06	5.10E-07	1.82E-02	2.87E-06	1.00E-06	1.08E-02	1.70E-06	5.91E-07	1.18E-02	1.86E-06	6.49E-07	4.83E-03	7.61E-07	2.65E-07
4247	487363.09, 3856377.25	1.27E-02	2.00E-06	6.99E-07	6.22E-03	9.79E-07	3.41E-07	1.38E-02	2.17E-06	7.57E-07	7.20E-03	1.13E-06	3.95E-07	9.61E-03	1.51E-06	5.27E-07	3.23E-03	5.09E-07	1.77E-07
4248	487863.09, 3856377.25	1.06E-02	1.68E-06	5.84E-07	4.62E-03	7.28E-07	2.54E-07	1.14E-02	1.80E-06	6.27E-07	5.35E-03	8.43E-07	2.94E-07	8.38E-03	1.32E-06	4.60E-07	2.40E-03	3.79E-07	1.32E-07
4249	488363.09, 3856377.25	9.00E-03	1.42E-06	4.94E-07	3.55E-03	5.60E-07	1.95E-07	9.61E-03	1.51E-06	5.27E-07	4.12E-03	6.48E-07	2.26E-07	7.31E-03	1.15E-06	4.01E-07	1.85E-03	2.91E-07	1.01E-07
4250	488863.09, 3856377.25	7.79E-03	1.23E-06	4.28E-07	2.80E-03	4.41E-07	1.54E-07	8.27E-03	1.30E-06	4.54E-07	3.24E-03	5.11E-07	1.78E-07	6.50E-03	1.02E-06	3.57E-07	1.46E-03	2.29E-07	7.99E-08
4251	489363.09, 3856377.25	6.88E-03	1.08E-06	3.78E-07	2.26E-03	3.55E-07	1.24E-07	7.27E-03	1.15E-06	3.99E-07	2.61E-03	4.12E-07	1.43E-07	5.87E-03	9.24E-07	3.22E-07	1.17E-03	1.85E-07	6.44E-08
4252	489863.09, 3856377.25	6.23E-03	9.81E-07	3.42E-07	1.86E-03	2.92E-07	1.02E-07	6.55E-03	1.03E-06	3.59E-07	2.15E-03	3.38E-07	1.18E-07	5.42E-03	8.54E-07	2.97E-07	9.67E-04	1.52E-07	5.31E-08
4253	490363.09, 3856377.25	5.62E-03	8.85E-07	3.08E-07	1.55E-03	2.45E-07	8.53E-08	5.89E-03	9.27E-07	3.23E-07	1.80E-03	2.83E-07	9.87E-08	4.96E-03	7.81E-07	2.72E-07	8.10E-04	1.28E-07	4.45E-08
4254	490863.09, 3856377.25	5.16E-03	8.12E-07	2.83E-07	1.32E-03	2.08E-07	7.24E-08	5.38E-03	8.48E-07	2.95E-07	1.53E-03	2.41E-07	8.38E-08	4.61E-03	7.26E-07	2.53E-07	6.89E-04	1.09E-07	3.78E-08
4255	491363.09, 3856377.25	4.79E-03	7.54E-07	2.63E-07	1.14E-03	1.79E-07	6.23E-08	4.98E-03	7.84E-07	2.73E-07	1.31E-03	2.07E-07	7.21E-08	4.33E-03	6.82E-07	2.38E-07	5.94E-04	9.35E-08	3.26E-08
4256	491863.09, 3856377.25	4.42E-03	6.96E-07	2.42E-07	9.84E-04	1.55E-07	5.40E-08	4.58E-03	7.22E-07	2.52E-07	1.14E-03	1.79E-07	6.25E-08	4.03E-03	6.35E-07	2.21E-07	5.15E-04	8.12E-08	2.83E-08
4257	492363.09, 3856377.25	3.98E-03	6.26E-07	2.18E-07	8.48E-04	1.34E-07	4.66E-08	4.12E-03	6.49E-07	2.26E-07	9.81E-04	1.55E-07	5.39E-08	3.65E-03	5.75E-07	2.00E-07	4.45E-04	7.01E-08	2.44E-08
4258	492863.09, 3856377.25	3.32E-03	5.23E-07	1.82E-07	6.87E-04	1.08E-07	3.77E-08	3.44E-03	5.42E-07	1.89E-07	7.94E-04	1.25E-07	4.36E-08	3.06E-03	4.82E-07	1.68E-07	3.61E-04	5.69E-08	1.98E-08
4259	493363.09, 3856377.25	2.35E-03	3.70E-07	1.29E-07	4.35E-04	6.85E-08	2.39E-08	2.42E-03	3.81E-07	1.33E-07	5.02E-04	7.91E-08	2.76E-08	2.19E-03	3.45E-07	1.20E-07	2.29E-04	3.61E-08	1.26E-08
4260	493863.09, 3856377.25	1.96E-03	3.09E-07	1.08E-07	3.25E-04	5.13E-08	1.79E-08	2.01E-03	3.17E-07	1.11E-07	3.76E-04	5.92E-08	2.06E-08	1.85E-03	2.91E-07	1.01E-07	1.72E-04	2.71E-08	9.46E-09
4261	494363.09, 3856377.25	1.59E-03	2.50E-07	8.71E-08	2.29E-04	3.60E-08	1.26E-08	1.62E-03	2.56E-07	8.92E-08	2.64E-04	4.16E-08	1.45E-08	1.52E-03	2.39E-07	8.32E-08	1.22E-04	1.92E-08	6.69E-09
4262	494863.09, 3856377.25	1.31E-03	2.07E-07	7.21E-08	1.67E-04	2.64E-08	9.19E-09	1.34E-03	2.11E-07	7.36E-08	1.93E-04	3.04E-08	1.06E-08	1.27E-03	2.00E-07	6.95E-08	8.97E-05	1.41E-08	4.93E-09
4263	495363.09, 3856377.25	1.13E-03	1.78E-07	6.21E-08	1.33E-04	2.09E-08	7.30E-09	1.15E-03	1.82E-07	6.33E-08	1.53E-04	2.41E-08	8.41E-09	1.10E-03	1.73E-07	6.02E-08	7.16E-05	1.13E-08	3.93E-09
4264	495863.09, 3856377.25	1.09E-03	1.71E-07	5.97E-08	1.23E-04	1.95E-08	6.78E-09	1.11E-03	1.74E-07	6.08E-08	1.42E-04	2.24E-08	7.81E-09	1.06E-03	1.66E-07	5.80E-08	6.66E-05	1.05E-08	3.65E-09
4265	496363.09, 3856377.25	1.08E-03	1.71E-07	5.95E-08	1.21E-04	1.91E-08	6.65E-09	1.10E-03	1.74E-07	6.06E-08	1.40E-04	2.20E-08	7.66E-09	1.06E-03	1.66E-07	5.79E-08	6.53E-05	1.03E-08	3.58E-09
4266	496863.09, 3856377.25	1.13E-03	1.78E-07	6.19E-08	1.26E-04	1.99E-08	6.93E-09	1.15E-03	1.81E-07	6.31E-08	1.46E-04	2.29E-08	7.99E-09	1.10E-03	1.73E-07	6.03E-08	6.80E-05	1.07E-08	3.73E-09
4267	497363.09, 3856377.25	1.16E-03	1.83E-07	6.39E-08	1.31E-04	2.06E-08	7.19E-09	1.19E-03	1.87E-07	6.51E-08	1.51E-04	2.38E-08	8.29E-09	1.13E-03	1.79E-07	6.22E-08	7.05E-05	1.11E-08	3.87E-09
4268	497863.09, 3856377.25	1.22E-03	1.92E-07	6.68E-08	1.40E-04	2.21E-08	7.68E-09	1.24E-03	1.95E-07	6.81E-08	1.61E-04	2.54E-08	8.86E-09	1.18E-03	1.86E-07	6.50E-08	7.52E-05	1.18E-08	4.12E-09
4269	498363.09, 3856377.25	1.29E-03	2.04E-07	7.09E-08	1.53E-04	2.42E-08	8.42E-09	1.32E-03	2.08E-07	7.23E-08	1.77E-04	2.79E-08	9.70E-09	1.26E-03	1.98E-07	6.89E-08	8.21E-05	1.29E-08	4.50E-09
4270	471363.09, 3856877.25	2.56E-04	4.03E-08	1.40E-08	3.29E-05	5.18E-09	1.80E-09	2.61E-04	4.12E-08	1.43E-08	3.80E-05	5.98E-09	2.08E-09	2.48E-04	3.91E-08	1.36E-08	1.73E-05	2.73E-09	9.52E-10
4271	471863.09, 3856877.25	2.62E-04	4.12E-08	1.44E-08	3.43E-05	5.40E-09	1.88E-09	2.68E-04	4.21E-08	1.47E-08	3.96E-05	6.24E-09	2.17E-09	2.54E-04	4.00E-08	1.39E-08	1.81E-05	2.85E-09	9.93E-10
4272	472363.09, 3856877.25	2.79E-04	4.39E-08	1.53E-08	3.68E-05	5.80E-09	2.02E-09	2.85E-04	4.49E-08	1.56E-08	4.25E-05	6.70E-09	2.34E-09	2.70E-04	4.26E-08	1.48E-08	1.94E-05	3.06E-09	1.07E-09
4273	472863.09, 3856877.25	2.97E-04	4.67E-08	1.63E-08	3.95E-05	6.22E-09	2.17E-09	3.03E-04	4.78E-08	1.66E-08	4.56E-05	7.19E-09	2.50E-09	2.87E-04	4.53E-08	1.58E-08	2.08E-05	3.28E-09	1.14E-09
4274	473363.09, 3856877.25	3.33E-04	5.25E-08	1.83E-08	4.38E-05	6.90E-09	2.40E-09	3.41E-04	5.37E-08	1.87E-08	5.06E-05	7.97E-09	2.78E-09	3.23E-04	5.09E-08	1.77E-08	2.31E-05	3.63E-09	1.27E-09
4275	473863.09, 3856877.25	3.54E-04	5.58E-08	1.94E-08	4.69E-05	7.40E-09	2.58E-09	3.62E-04	5.71E-08	1.99E-08	5.43E-05	8.55E-09	2.98E-09	3.44E-04	5.41E-08	1.89E-08	2.47E-05	3.89E-09	1.36E-09
4276	474363.09, 3856877.25	3.42E-04	5.39E-08	1.88E-08	4.75E-05	7.48E-09	2.61E-09	3.50E-04	5.52E-08	1.92E-08	5.49E-05	8.65E-09	3.01E-09	3.31E-04	5.21E-08	1.81E-08	2.50E-05	3.94E-09	1.37E-09
4277	474863.09, 3856877.25	3.25E-04	5.11E-08	1.78E-08	4.64E-05	7.31E-09	2.55E-09	3.32E-04	5.24E-08	1.82E-08	5.36E-05	8.45E-09	2.94E-09	3.12E-04	4.92E-08	1.71E-08	2.45E-05	3.86E-09	1.34E-09
4278	475363.09, 3856877.25	2.87E-04	4.52E-08	1.58E-08	4.12E-05	6.49E-09	2.26E-09	2.94E-04	4.63E-08	1.61E-08	4.76E-05	7.50E-09	2.61E-09	2.76E-04	4.35E-08	1.51E-08	2.18E-05	3.43E-09	1.19E-09
4279	475863.09, 3856877.25	2.92E-04	4.60E-08	1.60E-08	4.19E-05	6.60E-09	2.30E-09	2.99E-04	4.72E-08	1.64E-08	4.84E-05	7.62E-09	2.66E-09	2.81E-04	4.43E-08	1.54E-08	2.21E-05	3.48E-09	1.21E-09
4280	476363.09, 3856877.25	2.72E-04	4.28E-08	1.49E-08	3.69E-05	5.81E-09	2.03E-09	2.78E-04	4.38E-08	1.52E-08	4.26E-05	6.71E-09	2.34E-09	2.62E-04	4.13E-08	1.44E-08	1.95E-05	3.08E-09	1.07E-09
4281	476863.09, 3856877.25	2.71E-04	4.28E-08	1.49E-08	3.58E-05	5.64E-09	1.96E-09	2.77E-04	4.37E-08	1.52E-08	4.13E-05	6.51E-09	2.27E-09	2.63E-04	4.14E-08	1.44E-08	1.90E-05	2.99E-09	1.04E-09
4282	477363.09, 3856877.25	2.59E-04	4.09E-08	1.42E-08	3.19E-05	5.02E-09	1.75E-09	2.65E-04	4.17E-08	1.45E-08	3.68E-05	5.80E-09	2.02E-09	2.52E-04	3.98E-08	1.39E-08	1.69E-05	2.67E-09	9.30E-10
4283	477863.09, 3856877.25	2.20E-04	3.46E-08	1.21E-08	2.21E-05	3.48E-09	1.21E-09	2.23E-04	3.52E-08	1.23E-08	2.55E-05	4.01E-09	1.40E-09	2.17E-04	3.41E-08	1.19E-08	1.19E-05	1.87E-09	6.51E-10
4284	478363.09, 3856877.25	2.15E-04	3.39E-08	1.18E-08	2.00E-05	3.15E-09	1.10E-09	2.19E-04	3.44E-08	1.20E-08	2.30E-05	3.63E-09	1.26E-09	2.13E-04	3.36E-08	1.17E-08	1.08E-05	1.70E-09	5.92E-10

4285	478863.09, 3856877.25	2.54E-04	4.00E-08	1.39E-08	2.58E-05	4.06E-09	1.41E-09	2.58E-04	4.06E-08	1.42E-08	2.97E-05	4.68E-09	1.63E-09	2.50E-04	3.94E-08	1.37E-08	1.38E-05	2.18E-09	7.58E-10
4286	479363.09, 3856877.25	3.10E-04	4.88E-08	1.70E-08	3.53E-05	5.56E-09	1.94E-09	3.16E-04	4.97E-08	1.73E-08	4.08E-05	6.42E-09	2.24E-09	3.03E-04	4.77E-08	1.66E-08	1.88E-05	2.97E-09	1.03E-09
4287	479863.09, 3856877.25	5.90E-04	9.30E-08	3.24E-08	9.54E-05	1.50E-08	5.23E-09	6.06E-04	9.55E-08	3.33E-08	1.10E-04	1.74E-08	6.05E-09	5.61E-04	8.83E-08	3.08E-08	5.03E-05	7.92E-09	2.76E-09
4288	480363.09, 3856877.25	8.87E-04	1.40E-07	4.87E-08	1.56E-04	2.45E-08	8.54E-09	9.14E-04	1.44E-07	5.01E-08	1.80E-04	2.83E-08	9.87E-09	8.37E-04	1.32E-07	4.59E-08	8.16E-05	1.29E-08	4.48E-09
4289	480863.09, 3856877.25	1.29E-03	2.04E-07	7.09E-08	2.11E-04	3.32E-08	1.16E-08	1.33E-03	2.09E-07	7.29E-08	2.44E-04	3.84E-08	1.34E-08	1.23E-03	1.94E-07	6.76E-08	1.10E-04	1.74E-08	6.05E-09
4290	481363.09, 3856877.25	1.87E-03	2.95E-07	1.03E-07	2.65E-04	4.17E-08	1.45E-08	1.92E-03	3.02E-07	1.05E-07	3.06E-04	4.82E-08	1.68E-08	1.81E-03	2.85E-07	9.93E-08	1.38E-04	2.18E-08	7.59E-09
4291	481863.09, 3856877.25	2.54E-03	3.99E-07	1.39E-07	3.18E-04	5.01E-08	1.74E-08	2.59E-03	4.08E-07	1.42E-07	3.68E-04	5.80E-08	2.02E-08	2.48E-03	3.90E-07	1.36E-07	1.66E-04	2.61E-08	9.11E-09
4292	482363.09, 3856877.25	4.61E-03	7.27E-07	2.53E-07	3.58E-04	5.64E-08	1.96E-08	4.68E-03	7.37E-07	2.57E-07	4.14E-04	6.53E-08	2.27E-08	4.65E-03	7.32E-07	2.55E-07	1.87E-04	2.94E-08	1.03E-08
4293	482863.09, 3856877.25	7.00E-03	1.10E-06	3.84E-07	4.26E-04	6.71E-08	2.34E-08	7.08E-03	1.11E-06	3.88E-07	4.93E-04	7.76E-08	2.70E-08	7.13E-03	1.12E-06	3.91E-07	2.22E-04	3.50E-08	1.22E-08
4294	483363.09, 3856877.25	1.29E-02	2.03E-06	7.08E-07	5.32E-04	8.39E-08	2.92E-08	1.30E-02	2.05E-06	7.13E-07	6.16E-04	9.71E-08	3.38E-08	1.33E-02	2.09E-06	7.29E-07	2.78E-04	4.38E-08	1.53E-08
4295	483863.09, 3856877.25	5.11E-02	8.05E-06	2.80E-06	6.88E-04	1.08E-07	3.78E-08	5.12E-02	8.07E-06	2.81E-06	7.96E-04	1.25E-07	4.37E-08	5.35E-02	8.43E-06	2.94E-06	3.60E-04	5.66E-08	1.97E-08
4296	484363.09, 3856877.25	6.63E-02	1.04E-05	3.64E-06	9.05E-04	1.43E-07	4.96E-08	6.64E-02	1.05E-05	3.64E-06	1.05E-03	1.65E-07	5.75E-08	6.94E-02	1.09E-05	3.81E-06	4.73E-04	7.45E-08	2.60E-08
4297	484863.09, 3856877.25	7.81E-02	1.23E-05	4.28E-06	1.19E-03	1.87E-07	6.51E-08	7.83E-02	1.23E-05	4.29E-06	1.37E-03	2.16E-07	7.53E-08	8.17E-02	1.29E-05	4.48E-06	6.20E-04	9.77E-08	3.40E-08
4298	485363.09, 3856877.25	3.47E-02	5.47E-06	1.91E-06	1.72E-03	2.71E-07	9.46E-08	3.50E-02	5.52E-06	1.92E-06	1.99E-03	3.14E-07	1.09E-07	3.56E-02	5.61E-06	1.95E-06	9.00E-04	1.42E-07	4.94E-08
4299	485863.09, 3856877.25	2.30E-02	3.62E-06	1.26E-06	2.91E-03	4.58E-07	1.60E-07	2.35E-02	3.70E-06	1.29E-06	3.37E-03	5.30E-07	1.85E-07	2.24E-02	3.54E-06	1.23E-06	1.51E-03	2.38E-07	8.31E-08
4300	486363.09, 3856877.25	2.13E-02	3.36E-06	1.17E-06	1.00E-02	1.58E-06	5.49E-07	2.31E-02	3.63E-06	1.27E-06	1.16E-02	1.83E-06	6.36E-07	1.64E-02	2.58E-06	8.99E-07	5.20E-03	8.19E-07	2.85E-07
4301	486863.09, 3856877.25	5.03E-02	7.92E-06	2.76E-06	3.76E-02	5.93E-06	2.07E-06	5.67E-02	8.94E-06	3.11E-06	4.36E-02	6.87E-06	2.39E-06	2.99E-02	4.71E-06	1.64E-06	1.96E-02	3.08E-06	1.07E-06
4302	487363.09, 3856877.25	1.91E-02	3.00E-06	1.05E-06	1.01E-02	1.59E-06	5.54E-07	2.08E-02	3.28E-06	1.14E-06	1.17E-02	1.84E-06	6.42E-07	1.39E-02	2.19E-06	7.64E-07	5.25E-03	8.27E-07	2.88E-07
4303	487863.09, 3856877.25	1.34E-02	2.10E-06	7.33E-07	5.55E-03	8.74E-07	3.05E-07	1.43E-02	2.25E-06	7.86E-07	6.43E-03	1.01E-06	3.53E-07	1.07E-02	1.68E-06	5.86E-07	2.88E-03	4.54E-07	1.58E-07
4304	488363.09, 3856877.25	1.06E-02	1.68E-06	5.84E-07	3.66E-03	5.77E-07	2.01E-07	1.13E-02	1.78E-06	6.18E-07	4.24E-03	6.69E-07	2.33E-07	8.97E-03	1.41E-06	4.92E-07	1.91E-03	3.00E-07	1.05E-07
4305	488863.09, 3856877.25	8.99E-03	1.42E-06	4.93E-07	2.70E-03	4.25E-07	1.48E-07	9.45E-03	1.49E-06	5.19E-07	3.13E-03	4.92E-07	1.72E-07	7.82E-03	1.23E-06	4.29E-07	1.40E-03	2.21E-07	7.71E-08
4306	489363.09, 3856877.25	8.09E-03	1.27E-06	4.44E-07	2.11E-03	3.33E-07	1.16E-07	8.45E-03	1.33E-06	4.64E-07	2.44E-03	3.85E-07	1.34E-07	7.22E-03	1.14E-06	3.96E-07	1.10E-03	1.73E-07	6.04E-08
4307	489863.09, 3856877.25	7.36E-03	1.16E-06	4.04E-07	1.72E-03	2.72E-07	9.46E-08	7.66E-03	1.21E-06	4.20E-07	2.00E-03	3.14E-07	1.10E-07	6.68E-03	1.05E-06	3.67E-07	9.00E-04	1.42E-07	4.94E-08
4308	490363.09, 3856877.25	6.69E-03	1.05E-06	3.67E-07	1.44E-03	2.28E-07	7.93E-08	6.94E-03	1.09E-06	3.81E-07	1.67E-03	2.63E-07	9.17E-08	6.14E-03	9.68E-07	3.37E-07	7.56E-04	1.19E-07	4.15E-08
4309	490863.09, 3856877.25	6.12E-03	9.64E-07	3.36E-07	1.23E-03	1.94E-07	6.76E-08	6.33E-03	9.97E-07	3.47E-07	1.42E-03	2.24E-07	7.81E-08	5.66E-03	8.92E-07	3.11E-07	6.45E-04	1.02E-07	3.54E-08
4310	491363.09, 3856877.25	5.60E-03	8.82E-07	3.07E-07	1.06E-03	1.68E-07	5.84E-08	5.78E-03	9.10E-07	3.17E-07	1.23E-03	1.94E-07	6.76E-08	5.22E-03	8.22E-07	2.86E-07	5.59E-04	8.80E-08	3.07E-08
4311	491863.09, 3856877.25	5.11E-03	8.05E-07	2.80E-07	9.27E-04	1.46E-07	5.09E-08	5.27E-03	8.30E-07	2.89E-07	1.07E-03	1.69E-07	5.88E-08	4.79E-03	7.54E-07	2.63E-07	4.87E-04	7.68E-08	2.67E-08
4312	492363.09, 3856877.25	4.21E-03	6.63E-07	2.31E-07	7.61E-04	1.20E-07	4.18E-08	4.34E-03	6.83E-07	2.38E-07	8.80E-04	1.39E-07	4.83E-08	3.94E-03	6.20E-07	2.16E-07	4.01E-04	6.32E-08	2.20E-08
4313	492863.09, 3856877.25	3.46E-03	5.45E-07	1.90E-07	5.91E-04	9.32E-08	3.25E-08	3.56E-03	5.61E-07	1.95E-07	6.83E-04	1.08E-07	3.75E-08	3.26E-03	5.13E-07	1.79E-07	3.12E-04	4.92E-08	1.71E-08
4314	493363.09, 3856877.25	2.69E-03	4.24E-07	1.48E-07	4.17E-04	6.57E-08	2.29E-08	2.76E-03	4.35E-07	1.51E-07	4.82E-04	7.59E-08	2.64E-08	2.55E-03	4.02E-07	1.40E-07	2.21E-04	3.48E-08	1.21E-08
4315	493863.09, 3856877.25	2.04E-03	3.22E-07	1.12E-07	2.76E-04	4.34E-08	1.51E-08	2.09E-03	3.29E-07	1.15E-07	3.18E-04	5.01E-08	1.75E-08	1.96E-03	3.09E-07	1.08E-07	1.47E-04	2.32E-08	8.07E-09
4316	494363.09, 3856877.25	1.63E-03	2.57E-07	8.94E-08	1.91E-04	3.01E-08	1.05E-08	1.66E-03	2.62E-07	9.11E-08	2.20E-04	3.47E-08	1.21E-08	1.58E-03	2.49E-07	8.67E-08	1.03E-04	1.62E-08	5.63E-09
4317	494863.09, 3856877.25	1.43E-03	2.25E-07	7.85E-08	1.56E-04	2.46E-08	8.58E-09	1.46E-03	2.30E-07	8.00E-08	1.80E-04	2.84E-08	9.89E-09	1.40E-03	2.20E-07	7.66E-08	8.43E-05	1.33E-08	4.63E-09
4318	495363.09, 3856877.25	1.31E-03	2.06E-07	7.18E-08	1.37E-04	2.16E-08	7.53E-09	1.33E-03	2.10E-07	7.30E-08	1.58E-04	2.49E-08	8.67E-09	1.28E-03	2.02E-07	7.02E-08	7.41E-05	1.17E-08	4.07E-09
4319	495863.09, 3856877.25	1.27E-03	1.99E-07	6.95E-08	1.31E-04	2.06E-08	7.17E-09	1.29E-03	2.03E-07	7.06E-08	1.50E-04	2.37E-08	8.26E-09	1.24E-03	1.95E-07	6.80E-08	7.05E-05	1.11E-08	3.87E-09
4320	496363.09, 3856877.25	1.24E-03	1.95E-07	6.78E-08	1.27E-04	1.99E-08	6.95E-09	1.26E-03	1.98E-07	6.89E-08	1.46E-04	2.30E-08	8.00E-09	1.21E-03	1.91E-07	6.64E-08	6.83E-05	1.08E-08	3.75E-09
4321	496863.09, 3856877.25	1.24E-03	1.96E-07	6.82E-08	1.27E-04	2.00E-08	6.98E-09	1.26E-03	1.99E-07	6.93E-08	1.46E-04	2.31E-08	8.03E-09	1.22E-03	1.92E-07	6.68E-08	6.86E-05	1.08E-08	3.76E-09
4322	497363.09, 3856877.25	1.27E-03	2.00E-07	6.97E-08	1.33E-04	2.09E-08	7.28E-09	1.29E-03	2.04E-07	7.09E-08	1.53E-04	2.41E-08	8.39E-09	1.24E-03	1.96E-07	6.83E-08	7.14E-05	1.12E-08	3.92E-09
4323	497863.09, 3856877.25	1.36E-03	2.14E-07	7.47E-08	1.48E-04	2.34E-08	8.14E-09	1.39E-03	2.18E-07	7.61E-08	1.71E-04	2.69E-08	9.39E-09	1.33E-03	2.10E-07	7.30E-08	7.95E-05	1.25E-08	4.36E-09
4324	498363.09, 3856877.25	1.48E-03	2.33E-07	8.10E-08	1.68E-04	2.64E-08	9.20E-09	1.50E-03	2.37E-07	8.26E-08	1.93E-04	3.05E-08	1.06E-08	1.44E-03	2.27E-07	7.90E-08	8.96E-05	1.41E-08	4.91E-09
4325	471363.09, 3857377.25	2.62E-04	4.13E-08	1.44E-08	3.37E-05	5.31E-09	1.85E-09	2.68E-04	4.22E-08	1.47E-08	3.89E-05	6.13E-09	2.14E-09	2.55E-04	4.01E-08	1.40E-08	1.78E-05	2.80E-09	9.76E-10
4326	471863.09, 3857377.25	2.67E-04	4.21E-08	1.47E-08	3.49E-05	5.50E-09	1.92E-09	2.73E-04	4.30E-08	1.50E-08	4.03E-05	6.36E-09	2.21E-09	2.59E-04	4.08E-08	1.42E-08	1.84E-05	2.90E-09	1.01E-09
4327	472363.09, 3857377.25	2.82E-04	4.44E-08	1.55E-08	3.70E-05	5.82E-09	2.03E-09	2.88E-04	4.54E-08	1.58E-08	4.27E-05	6.73E-09	2.34E-09	2.73E-04	4.30E-08	1.50E-08	1.95E-05	3.07E-09	1.07E-09
4328	472863.09, 3857377.25	3.02E-04	4.75E-08	1.65E-08	3.96E-05	6.24E-09	2.17E-09	3.08E-04	4.86E-08	1.69E-08	4.58E-05	7.21E-09	2.51E-09	2.92E-04	4.61E-08	1.60E-08	2.09E-05	3.29E-09	1.15E-09
4329	473363.09, 3857377.25	3.29E-04	5.19E-08	1.81E-08	4.30E-05	6.78E-09	2.36E-09	3.37E-04	5.30E-08	1.85E-08	4.97E-05	7.83E-09	2.73E-09	3.20E-04	5.04E-08	1.75E-08	2.27E-05	3.57E-09	1.24E-09
4330	473863.09, 3857377.25	3.66E-04	5.76E-08	2.01E-08	4.70E-05	7.40E-09	2.58E-09	3.74E-04	5.89E-08	2.05E-08	5.43E-05	8.56E-09	2.98E-09	3.56E-04	5.60E-08	1.95E-08	2.48E-05	3.90E-09	1.36E-09
4331	474363.09, 3857377.25	3.40E-04	5.35E-08	1.86E-08	4.65E-05	7.32E-09	2.55E-09	3.47E-04	5.47E-08	1.91E-08	5.37E-05	8.46E-09	2.95E-09	3.28E-04	5.17E-08	1.80E-08	2.45E-05	3.86E-09	1.34E-09
4332	474863.09, 3857377.25	2.69E-04	4.24E-08	1.48E-08	3.80E-05	5.99E-09	2.09E-09	2.76E-04	4.34E-08	1.51E-08	4.39E-05	6.92E-09	2.41E-09	2.59E-04	4.08E-08	1.42E-08	2.01E-05	3.16E-09	1.10E-09
4333	475363.09, 3857377.25	2.11E-04	3.33E-08	1.16E-08	2.68E-05	4.22E-09	1.47E-09	2.16E-04	3.40E-08	1.18E-08	3.10E-05	4.88E-09	1.70E-09	2.05E-04	3.23E-08	1.13E-08	1.42E-05	2.24E-09	7.81E-10
4334	475863.09, 3857377.25	2.07E-04	3.27E-08	1.14E-08	2.50E-05	3.94E-09	1.37E-09	2.12E-04	3.33E-08	1.16E-08	2.89E-05	4.55E-09	1.59E-09	2.02E-04	3.18E-08	1.11E-08	1.33E-05	2.10E-09	7.31E-10
4335	476363.09, 3857377.25	2.52E-04	3.98E-08	1.38E-08	3.34E-05	5.26E-09	1.83E-09	2.58E-04	4.06E-08	1.42E-08	3.85E-05	6.07E-09	2.12E-09	2.44E-04	3.85E-08	1.34E-08	1.77E-05	2.79E-09	9.71E-10
4336	476863.09, 3857377.25	2.69E-04	4.23E-08	1.47E-08	3.57E-05	5.62E-09	1.96E-09	2.75E-04	4.33E-08	1.51E-08	4.12E-05	6.49E-09	2.26E-09	2.60E-04	4.10E-08	1.43E-08	1.89E-05	2.98E-09	1.04E-09
4337	477363.09, 3857377.25	2.53E-04	3.99E-08	1.39E-08	3.17E-05	4.99E-09	1.74E-09	2.59E-04	4.07E-08	1.42E-08	3.65E-05	5.76E-09	2.01E-09	2.46E-04	3.88E-08	1.35E-08	1.68E-05	2.65E-09	9.23E-10
4338	477863.09, 3857377.25	2.23E-04	3.51E-08	1.22E-08	2.39E-05	3.76E-09	1.31E-09	2.27E-04	3.57E-08	1.24E-08	2.75E-05	4.33E-09	1.51E-09	2.19E-04	3.45E-08	1.20E-08	1.28E-05	2.01E-09	7.01E-10
4339	478363.09, 3857377.25	2.03E-04	3.19E-08	1.11E-08	1.83E-05	2.88E-09	1.00E-09	2.06E-04	3.24E-08	1.13E-08	2.11E-05	3.32E-09	1.16E-09	2.01E-04	3.17E-08	1.10E-08	9.90E-06	1.56E-09	5.43E-10
4340	478863.09, 3857377.25	1.95E-04	3.08E-08	1.07E-08	1.58E-05	2.48E-09	8.65E-10	1.98E-04	3.12E-08	1.09E-08	1.81E-05	2.86E-09	9.95E-10	1.95E-04	3.07E-08	1.07E-08	8.59E-06	1.35E-09	4.72E-10
4341	479363.09, 3857377.25	2.60E-04	4.10E-08	1.43E-08	2.59E-05	4.08E-09	1.42E-09	2.64E-04	4.16E-08	1.45E-08	2.98E-05	4.70E-09	1.64E-09	2.56E-04	4.04E-08	1.41E-08	1.39E-05	2.19E-09	7.63E-10
4342	479863.09, 3857377.25	5.05E-04	7.96E-08	2.77E-08	7.76E-05	1.22E-08	4.26E-09	5.18E-04	8.17E-08	2.84E-08	8.97E-05	1.41E-08	4.92E-09	4.83E-04	7.60E-08	2.65E-08	4.09E-05	6.45E-09	2.25E-09
4343	480363.09, 3857377.25	4.57E-04	7.20E-08	2.51E-08	6.36E-05	1.00E-08	3.49E-09	4.68E-04	7.37E-08	2.57E-08	7.35E-05	1.16E-08	4.04E-09	4.41E-04	6.94E-08	2.42E-08	3.36E-05	5.30E-09	1.85E-09
4344	480863.09, 3857377.25	1.29E-03	2.04E-07	7.11E-08	2.09E-04	3.29E-08	1.15E-08	1.33E-03	2.10E-07	7.30E-08	2.42E-04	3.81E-08	1.33E-08	1.24E-03	1.95E-07	6.78E-08	1.09E-04	1.72E-08	6.00E-09
4345	481363.09, 3857377.25	1.44E-03	2.27E-07	7.92E-08	2.38E-04	3.75E-08	1.31E-08	1.48E-03	2.34E-07	8.15E-08	2.75E-04	4.34E-08	1.51E-08	1.37E-03	2.17E-07	7.54E-08	1.24E-04	1.96E-08	6.82E-09
4346	481863.09, 3857377.25	2.05E-03	3.23E-07	1.13E-07	2.87E-04	4.53E-08	1.58E-08	2.10E-03	3.31E-07	1.15E-07	3.33E-04	5.24E-08	1.83E-08	1.99E-03	3.13E-07	1.09E-07	1.50E-04	2.37E-08	8.24E-09
4347	482363.09, 3857377.25	3.73E-03	5.88E-07	2.05E-07	3.28E-04	5.17E-08	1.80E-08	3.79E-03	5.96E-07	2.08E-07	3.80E-04	5.98E-08	2.08E-08	3.73E-03	5.88E-07	2.05E-07	1.71E-04	2.70E-08	9.40E-09
4348	482863.09, 3857377.25	5.30E-03	8.35E-07	2.91E-07	3.75E-04	5.91E-08	2.06E-08	5.36E-03	8.45E-07	2.94E-07	4.34E-04	6.84E-08	2.38E-08	5.36E-03	8.44E-07	2.94E-07	1.96E-04	3.09E-08	1.07E-08
4349	483363.09, 3857377.25	7.40E-03	1.17E-06	4.06E-07	4.50E-04	7.09E-08	2.47E-08	7.48E-03	1.18E-06	4.10E-07	5.21E-04	8.21E-08	2.86E-08	7.53E-03	1.19E-06	4.13E-07	2.35E-04	3.70E-08	1.29E-08
4350	483863.09, 3857377.25	1.09E-02	1.71E-06	5.97E-07	5.49E-04	8.65E-08	3.01E-08	1.10E-02	1.73E-06	6.02E-07	6.36E-04	1.00E-07	3.49E-08	1.11E-02	1.76E-06	6.11E-07	2.87E-04	4.52E-08	1.57E-08
4351	484363.09, 3857377.25	1.72E-02	2.71E-06	9.44E-07	6.70E-04	1.05E-07	3.67E-08	1.73E-02	2.73E-06	9.51E-07	7.75E-04	1.22E-07	4.25E-08	1.78E-02	2.80E-06	9.74E-07	3.49E-04	5.50E-08	1.92E-08

4352	484863.09, 3857377.25	3.03E-02	4.78E-06	1.66E-06	8.17E-04	1.29E-07	4.48E-08	3.05E-02	4.80E-06	1.67E-06	9.46E-04	1.49E-07	5.19E-08	3.15E-02	4.96E-06	1.73E-06	4.26E-04	6.71E-08	2.34E-08
4353	485363.09, 3857377.25	7.28E-02	1.15E-05	4.00E-06	1.02E-03	1.60E-07	5.57E-08	7.30E-02	1.15E-05	4.01E-06	1.18E-03	1.85E-07	6.45E-08	7.62E-02	1.20E-05	4.18E-06	5.29E-04	8.34E-08	2.90E-08
4354	485863.09, 3857377.25	4.29E-02	6.76E-06	2.36E-06	1.31E-03	2.07E-07	7.20E-08	4.32E-02	6.80E-06	2.37E-06	1.52E-03	2.39E-07	8.33E-08	4.45E-02	7.01E-06	2.44E-06	6.83E-04	1.08E-07	3.75E-08
4355	486363.09, 3857377.25	2.07E-02	3.27E-06	1.14E-06	1.96E-03	3.09E-07	1.08E-07	2.11E-02	3.32E-06	1.16E-06	2.27E-03	3.57E-07	1.25E-07	2.07E-02	3.26E-06	1.13E-06	1.02E-03	1.61E-07	5.60E-08
4356	486863.09, 3857377.25	1.41E-02	2.22E-06	7.74E-07	2.99E-03	4.72E-07	1.64E-07	1.46E-02	2.30E-06	8.02E-07	3.47E-03	5.46E-07	1.90E-07	1.30E-02	2.05E-06	7.15E-07	1.56E-03	2.45E-07	8.55E-08
4357	487363.09, 3857377.25	1.30E-02	2.05E-06	7.15E-07	3.11E-03	4.89E-07	1.70E-07	1.36E-02	2.14E-06	7.45E-07	3.60E-03	5.67E-07	1.97E-07	1.18E-02	1.87E-06	6.50E-07	1.62E-03	2.55E-07	8.87E-08
4358	487863.09, 3857377.25	1.19E-02	1.88E-06	6.55E-07	2.65E-03	4.18E-07	1.46E-07	1.24E-02	1.95E-06	6.81E-07	3.07E-03	4.84E-07	1.68E-07	1.10E-02	1.73E-06	6.02E-07	1.38E-03	2.18E-07	7.58E-08
4359	488363.09, 3857377.25	1.07E-02	1.68E-06	5.85E-07	2.18E-03	3.44E-07	1.20E-07	1.10E-02	1.74E-06	6.06E-07	2.53E-03	3.98E-07	1.39E-07	9.89E-03	1.56E-06	5.43E-07	1.14E-03	1.79E-07	6.24E-08
4360	488863.09, 3857377.25	1.04E-02	1.65E-06	5.73E-07	1.82E-03	2.86E-07	9.97E-08	1.08E-02	1.69E-06	5.90E-07	2.10E-03	3.31E-07	1.15E-07	9.85E-03	1.55E-06	5.40E-07	9.53E-04	1.50E-07	5.23E-08
4361	489363.09, 3857377.25	1.00E-02	1.58E-06	5.49E-07	1.54E-03	2.43E-07	8.47E-08	1.03E-02	1.62E-06	5.64E-07	1.78E-03	2.81E-07	9.79E-08	9.53E-03	1.50E-06	5.23E-07	8.14E-04	1.28E-07	4.47E-08
4362	489863.09, 3857377.25	8.98E-03	1.41E-06	4.93E-07	1.34E-03	2.10E-07	7.33E-08	9.20E-03	1.45E-06	5.05E-07	1.54E-03	2.43E-07	8.47E-08	8.58E-03	1.35E-06	4.71E-07	7.05E-04	1.11E-07	3.87E-08
4363	490363.09, 3857377.25	8.01E-03	1.26E-06	4.40E-07	1.16E-03	1.83E-07	6.39E-08	8.21E-03	1.29E-06	4.51E-07	1.34E-03	2.12E-07	7.38E-08	7.68E-03	1.21E-06	4.21E-07	6.15E-04	9.68E-08	3.37E-08
4364	490863.09, 3857377.25	7.26E-03	1.14E-06	3.98E-07	1.02E-03	1.61E-07	5.61E-08	7.43E-03	1.17E-06	4.08E-07	1.18E-03	1.86E-07	6.48E-08	6.98E-03	1.10E-06	3.83E-07	5.40E-04	8.51E-08	2.97E-08
4365	491363.09, 3857377.25	6.64E-03	1.05E-06	3.65E-07	9.05E-04	1.43E-07	4.97E-08	6.80E-03	1.07E-06	3.73E-07	1.05E-03	1.65E-07	5.74E-08	6.40E-03	1.01E-06	3.51E-07	4.79E-04	7.54E-08	2.63E-08
4366	491863.09, 3857377.25	5.87E-03	9.25E-07	3.22E-07	8.02E-04	1.26E-07	4.40E-08	6.01E-03	9.46E-07	3.30E-07	9.27E-04	1.46E-07	5.09E-08	5.66E-03	8.91E-07	3.10E-07	4.25E-04	6.69E-08	2.33E-08
4367	492363.09, 3857377.25	4.53E-03	7.14E-07	2.49E-07	6.40E-04	1.01E-07	3.51E-08	4.64E-03	7.31E-07	2.55E-07	7.39E-04	1.16E-07	4.06E-08	4.34E-03	6.84E-07	2.38E-07	3.40E-04	5.35E-08	1.87E-08
4368	492863.09, 3857377.25	3.34E-03	5.26E-07	1.83E-07	4.42E-04	6.96E-08	2.42E-08	3.42E-03	5.38E-07	1.87E-07	5.10E-04	8.03E-08	2.80E-08	3.22E-03	5.07E-07	1.77E-07	2.35E-04	3.70E-08	1.29E-08
4369	493363.09, 3857377.25	2.49E-03	3.92E-07	1.36E-07	2.95E-04	4.65E-08	1.62E-08	2.54E-03	4.00E-07	1.39E-07	3.40E-04	5.36E-08	1.87E-08	2.42E-03	3.81E-07	1.33E-07	1.58E-04	2.48E-08	8.65E-09
4370	493863.09, 3857377.25	2.14E-03	3.37E-07	1.18E-07	2.38E-04	3.75E-08	1.31E-08	2.18E-03	3.44E-07	1.20E-07	2.74E-04	4.32E-08	1.51E-08	2.09E-03	3.29E-07	1.15E-07	1.28E-04	2.01E-08	7.00E-09
4371	494363.09, 3857377.25	1.82E-03	2.87E-07	1.00E-07	1.88E-04	2.96E-08	1.03E-08	1.85E-03	2.92E-07	1.02E-07	2.17E-04	3.41E-08	1.19E-08	1.79E-03	2.82E-07	9.81E-08	1.01E-04	1.59E-08	5.55E-09
4372	494863.09, 3857377.25	1.66E-03	2.61E-07	9.10E-08	1.65E-04	2.60E-08	9.06E-09	1.69E-03	2.66E-07	9.25E-08	1.90E-04	3.00E-08	1.04E-08	1.63E-03	2.57E-07	8.95E-08	8.89E-05	1.40E-08	4.88E-09
4373	495363.09, 3857377.25	1.53E-03	2.41E-07	8.39E-08	1.48E-04	2.34E-08	8.14E-09	1.55E-03	2.45E-07	8.52E-08	1.71E-04	2.69E-08	9.37E-09	1.50E-03	2.37E-07	8.26E-08	7.99E-05	1.26E-08	4.39E-09
4374	495863.09, 3857377.25	1.47E-03	2.31E-07	8.05E-08	1.42E-04	2.23E-08	7.78E-09	1.49E-03	2.35E-07	8.18E-08	1.63E-04	2.57E-08	8.96E-09	1.45E-03	2.28E-07	7.93E-08	7.64E-05	1.20E-08	4.19E-09
4375	496363.09, 3857377.25	1.42E-03	2.24E-07	7.82E-08	1.38E-04	2.18E-08	7.59E-09	1.45E-03	2.28E-07	7.94E-08	1.59E-04	2.51E-08	8.74E-09	1.40E-03	2.21E-07	7.70E-08	7.44E-05	1.17E-08	4.08E-09
4376	496863.09, 3857377.25	1.40E-03	2.20E-07	7.67E-08	1.37E-04	2.15E-08	7.49E-09	1.42E-03	2.24E-07	7.79E-08	1.57E-04	2.48E-08	8.64E-09	1.38E-03	2.17E-07	7.55E-08	7.34E-05	1.16E-08	4.03E-09
4377	497363.09, 3857377.25	1.42E-03	2.24E-07	7.82E-08	1.43E-04	2.25E-08	7.84E-09	1.45E-03	2.28E-07	7.95E-08	1.65E-04	2.60E-08	9.04E-09	1.40E-03	2.21E-07	7.69E-08	7.67E-05	1.21E-08	4.21E-09
4378	497863.09, 3857377.25	1.48E-03	2.34E-07	8.15E-08	1.54E-04	2.42E-08	8.44E-09	1.51E-03	2.38E-07	8.29E-08	1.77E-04	2.79E-08	9.73E-09	1.46E-03	2.30E-07	8.00E-08	8.23E-05	1.30E-08	4.51E-09
4379	498363.09, 3857377.25	1.70E-03	2.68E-07	9.33E-08	1.87E-04	2.94E-08	1.02E-08	1.73E-03	2.73E-07	9.51E-08	2.15E-04	3.39E-08	1.18E-08	1.67E-03	2.62E-07	9.14E-08	9.95E-05	1.57E-08	5.46E-09
4380	471363.09, 3857877.25	2.70E-04	4.25E-08	1.48E-08	3.50E-05	5.51E-09	1.92E-09	2.76E-04	4.34E-08	1.51E-08	4.04E-05	6.36E-09	2.22E-09	2.62E-04	4.13E-08	1.44E-08	1.84E-05	2.90E-09	1.01E-09
4381	471863.09, 3857877.25	2.77E-04	4.36E-08	1.52E-08	3.64E-05	5.74E-09	2.00E-09	2.83E-04	4.46E-08	1.55E-08	4.21E-05	6.64E-09	2.31E-09	2.68E-04	4.23E-08	1.47E-08	1.92E-05	3.03E-09	1.05E-09
4382	472363.09, 3857877.25	2.91E-04	4.58E-08	1.60E-08	3.85E-05	6.06E-09	2.11E-09	2.97E-04	4.68E-08	1.63E-08	4.45E-05	7.01E-09	2.44E-09	2.82E-04	4.44E-08	1.55E-08	2.03E-05	3.20E-09	1.11E-09
4383	472863.09, 3857877.25	3.17E-04	5.00E-08	1.74E-08	4.16E-05	6.55E-09	2.28E-09	3.24E-04	5.11E-08	1.78E-08	4.80E-05	7.57E-09	2.64E-09	3.08E-04	4.85E-08	1.69E-08	2.19E-05	3.45E-09	1.20E-09
4384	473363.09, 3857877.25	3.35E-04	5.27E-08	1.84E-08	4.41E-05	6.95E-09	2.42E-09	3.42E-04	5.39E-08	1.88E-08	5.10E-05	8.03E-09	2.80E-09	3.24E-04	5.11E-08	1.78E-08	2.32E-05	3.66E-09	1.27E-09
4385	473863.09, 3857877.25	3.65E-04	5.74E-08	2.00E-08	4.76E-05	7.49E-09	2.61E-09	3.73E-04	5.87E-08	2.05E-08	5.50E-05	8.66E-09	3.02E-09	3.54E-04	5.58E-08	1.94E-08	2.51E-05	3.95E-09	1.37E-09
4386	474363.09, 3857877.25	3.31E-04	5.21E-08	1.81E-08	4.64E-05	7.31E-09	2.55E-09	3.38E-04	5.33E-08	1.86E-08	5.36E-05	8.45E-09	2.94E-09	3.19E-04	5.02E-08	1.75E-08	2.45E-05	3.86E-09	1.34E-09
4387	474863.09, 3857877.25	2.52E-04	3.97E-08	1.38E-08	3.62E-05	5.71E-09	1.99E-09	2.58E-04	4.06E-08	1.42E-08	4.19E-05	6.60E-09	2.30E-09	2.42E-04	3.81E-08	1.33E-08	1.92E-05	3.02E-09	1.05E-09
4388	475363.09, 3857877.25	1.75E-04	2.76E-08	9.61E-09	2.01E-05	3.17E-09	1.10E-09	1.78E-04	2.81E-08	9.79E-09	2.32E-05	3.65E-09	1.27E-09	1.71E-04	2.69E-08	9.39E-09	1.07E-05	1.69E-09	5.89E-10
4389	475863.09, 3857877.25	1.19E-04	1.88E-08	6.54E-09	9.36E-06	1.47E-09	5.14E-10	1.21E-04	1.90E-08	6.62E-09	1.08E-05	1.69E-09	5.90E-10	1.19E-04	1.87E-08	6.52E-09	5.14E-06	8.09E-10	2.82E-10
4390	476363.09, 3857877.25	1.98E-04	3.12E-08	1.09E-08	2.32E-05	3.66E-09	1.27E-09	2.02E-04	3.18E-08	1.11E-08	2.68E-05	4.22E-09	1.47E-09	1.93E-04	3.04E-08	1.06E-08	1.24E-05	1.95E-09	6.80E-10
4391	476863.09, 3857877.25	2.32E-04	3.65E-08	1.27E-08	2.95E-05	4.65E-09	1.62E-09	2.37E-04	3.73E-08	1.30E-08	3.40E-05	5.36E-09	1.87E-09	2.25E-04	3.55E-08	1.24E-08	1.57E-05	2.47E-09	8.60E-10
4392	477363.09, 3857877.25	2.37E-04	3.73E-08	1.30E-08	2.93E-05	4.61E-09	1.61E-09	2.42E-04	3.80E-08	1.33E-08	3.38E-05	5.32E-09	1.85E-09	2.30E-04	3.62E-08	1.26E-08	1.56E-05	2.45E-09	8.55E-10
4393	477863.09, 3857877.25	2.39E-04	3.77E-08	1.31E-08	2.80E-05	4.41E-09	1.54E-09	2.44E-04	3.84E-08	1.34E-08	3.23E-05	5.09E-09	1.77E-09	2.33E-04	3.68E-08	1.28E-08	1.49E-05	2.35E-09	8.19E-10
4394	478363.09, 3857877.25	1.82E-04	2.86E-08	9.97E-09	1.50E-05	2.36E-09	8.23E-10	1.84E-04	2.90E-08	1.01E-08	1.72E-05	2.72E-09	9.46E-10	1.81E-04	2.85E-08	9.92E-09	8.17E-06	1.29E-09	4.49E-10
4395	478863.09, 3857877.25	1.69E-04	2.66E-08	9.28E-09	1.23E-05	1.94E-09	6.76E-10	1.71E-04	2.70E-08	9.39E-09	1.41E-05	2.23E-09	7.76E-10	1.69E-04	2.67E-08	9.29E-09	6.78E-06	1.07E-09	3.72E-10
4396	479363.09, 3857877.25	4.57E-04	7.20E-08	2.51E-08	7.29E-05	1.15E-08	4.00E-09	4.70E-04	7.40E-08	2.58E-08	8.42E-05	1.33E-08	4.62E-09	4.35E-04	6.85E-08	2.39E-08	3.84E-05	6.05E-09	2.11E-09
4397	479863.09, 3857877.25	8.39E-04	1.32E-07	4.61E-08	1.43E-04	2.25E-08	7.83E-09	8.63E-04	1.36E-07	4.74E-08	1.65E-04	2.60E-08	9.06E-09	7.95E-04	1.25E-07	4.36E-08	7.48E-05	1.18E-08	4.11E-09
4398	480363.09, 3857877.25	1.12E-03	1.76E-07	6.14E-08	1.72E-04	2.70E-08	9.41E-09	1.15E-03	1.81E-07	6.30E-08	1.98E-04	3.13E-08	1.09E-08	1.07E-03	1.69E-07	5.89E-08	8.98E-05	1.41E-08	4.93E-09
4399	480863.09, 3857877.25	1.29E-03	2.03E-07	7.06E-08	1.93E-04	3.04E-08	1.06E-08	1.32E-03	2.08E-07	7.25E-08	2.24E-04	3.52E-08	1.23E-08	1.24E-03	1.95E-07	6.79E-08	1.01E-04	1.59E-08	5.55E-09
4400	481363.09, 3857877.25	1.49E-03	2.35E-07	8.20E-08	2.21E-04	3.48E-08	1.21E-08	1.53E-03	2.41E-07	8.41E-08	2.55E-04	4.02E-08	1.40E-08	1.44E-03	2.27E-07	7.89E-08	1.15E-04	1.82E-08	6.34E-09
4401	481863.09, 3857877.25	1.84E-03	2.91E-07	1.01E-07	2.55E-04	4.02E-08	1.40E-08	1.89E-03	2.97E-07	1.04E-07	2.95E-04	4.65E-08	1.62E-08	1.79E-03	2.82E-07	9.81E-08	1.33E-04	2.10E-08	7.31E-09
4402	482363.09, 3857877.25	2.79E-03	4.40E-07	1.53E-07	2.97E-04	4.68E-08	1.63E-08	2.84E-03	4.48E-07	1.56E-07	3.44E-04	5.42E-08	1.89E-08	2.76E-03	4.35E-07	1.52E-07	1.55E-04	2.44E-08	8.51E-09
4403	482863.09, 3857877.25	4.22E-03	6.65E-07	2.32E-07	3.23E-04	5.09E-08	1.77E-08	4.28E-03	6.74E-07	2.35E-07	3.74E-04	5.89E-08	2.05E-08	4.25E-03	6.70E-07	2.33E-07	1.69E-04	2.66E-08	9.26E-09
4404	483363.09, 3857877.25	5.14E-03	8.10E-07	2.82E-07	3.77E-04	5.94E-08	2.07E-08	5.21E-03	8.20E-07	2.86E-07	4.36E-04	6.87E-08	2.39E-08	5.19E-03	8.18E-07	2.85E-07	1.97E-04	3.10E-08	1.08E-08
4405	483863.09, 3857877.25	6.26E-03	9.87E-07	3.44E-07	4.39E-04	6.92E-08	2.41E-08	6.34E-03	9.99E-07	3.48E-07	5.08E-04	8.01E-08	2.79E-08	6.34E-03	9.98E-07	3.48E-07	2.29E-04	3.61E-08	1.26E-08
4406	484363.09, 3857877.25	7.55E-03	1.19E-06	4.14E-07	5.10E-04	8.03E-08	2.80E-08	7.63E-03	1.20E-06	4.19E-07	5.90E-04	9.29E-08	3.24E-08	7.65E-03	1.20E-06	4.20E-07	2.66E-04	4.19E-08	1.46E-08
4407	484863.09, 3857877.25	9.40E-03	1.48E-06	5.16E-07	5.84E-04	9.20E-08	3.20E-08	9.50E-03	1.50E-06	5.22E-07	6.76E-04	1.06E-07	3.71E-08	9.56E-03	1.51E-06	5.25E-07	3.05E-04	4.80E-08	1.67E-08
4408	485363.09, 3857877.25	1.20E-02	1.90E-06	6.61E-07	6.57E-04	1.04E-07	3.61E-08	1.22E-02	1.91E-06	6.67E-07	7.61E-04	1.20E-07	4.18E-08	1.23E-02	1.94E-06	6.75E-07	3.43E-04	5.40E-08	1.88E-08
4409	485863.09, 3857877.25	1.79E-02	2.81E-06	9.80E-07	7.37E-04	1.16E-07	4.05E-08	1.80E-02	2.83E-06	9.87E-07	8.54E-04	1.34E-07	4.68E-08	1.84E-02	2.90E-06	1.01E-06	3.85E-04	6.06E-08	2.11E-08
4410	486363.09, 3857877.25	5.83E-02	9.19E-06	3.20E-06	8.13E-04	1.28E-07	4.46E-08	5.85E-02	9.21E-06	3.21E-06	9.41E-04	1.48E-07	5.16E-08	6.11E-02	9.62E-06	3.35E-06	4.25E-04	6.69E-08	2.33E-08
4411	486863.09, 3857877.25	2.25E-02	3.55E-06	1.24E-06	8.36E-04	1.32E-07	4.59E-08	2.27E-02	3.57E-06	1.24E-06	9.67E-04	1.52E-07	5.31E-08	2.33E-02	3.66E-06	1.28E-06	4.37E-04	6.89E-08	2.40E-08
4412	487363.09, 3857877.25	1.63E-02	2.57E-06	8.95E-07	9.66E-04	1.52E-07	5.30E-08	1.65E-02	2.59E-06	9.04E-07	1.12E-03	1.76E-07	6.13E-08	1.66E-02	2.61E-06	9.11E-07	5.07E-04	7.99E-08	2.78E-08
4413	487863.09, 3857877.25	1.43E-02	2.26E-06	7.86E-07	1.02E-03	1.61E-07	5.62E-08	1.45E-02	2.28E-06	7.96E-07	1.18E-03	1.86E-07	6.50E-08	1.44E-02	2.27E-06	7.92E-07	5.42E-04	8.54E-08	2.98E-08
4414	488363.09, 3857877.25	2.90E-02	4.56E-06	1.59E-06	1.22E-03	1.92E-07	6.70E-08	2.91E-02	4.59E-06	1.60E-06	1.38E-03	2.17E-07	7.56E-08	2.90E-02	4.57E-06	1.59E-06	7.47E-04	1.18E-07	4.10E-08
4415	488863.09, 3857877.25	1.82E-02	2.87E-06	9.99E-07	1.09E-03	1.72E-07	6.00E-08	1.84E-02	2.89E-06	1.01E-06	1.25E-03	1.97E-07	6.86E-08	1.82E-02	2.86E-06	9.98E-07	6.18E-04	9.74E-08	3.39E-08
4416	489363.09, 3857877.25	1.31E-02	2.07E-06	7.22E-07	1.01E-03	1.59E-07	5.52E-08	1.33E-02	2.10E-06	7.31E-07	1.16E-03	1.82E-07	6.35E-08	1.31E-02	2.06E-06	7.18E-07	5.47E-04	8.62E-08	3.00E-08
4417	489863.09, 3857877.25	1.08E-02	1.70E-06	5.93E-07	9.27E-04	1.46E-07	5.09E-08	1.10E-02	1.73E-06	6.02E-07	1.07E-03	1.68E-07	5.87E-08	1.07E-02	1.69E-06	5.89E-07	4.98E-04	7.84E-08	2.73E-08
4418	490363.09, 3857877.25	9.47E-03	1.49E-06	5.20E-07	8.48E-04	1.34E-07	4.65E-08	9.61E-03	1.51E-06	5.28E-07	9.78E-04	1.54E-07	5.37E-08	9.40E-03	1.48E-06	5.16E-07	4.53E-04	7.13E-08	2.48E-08

4419	490863.09, 3857877.25	8.47E-03	1.33E-06	4.65E-07	7.78E-04	1.23E-07	4.27E-08	8.60E-03	1.36E-06	4.72E-07	8.98E-04	1.41E-07	4.93E-08	8.40E-03	1.32E-06	4.61E-07	4.14E-04	6.52E-08	2.27E-08
4420	491363.09, 3857877.25	7.25E-03	1.14E-06	3.98E-07	7.13E-04	1.12E-07	3.91E-08	7.37E-03	1.16E-06	4.05E-07	8.23E-04	1.30E-07	4.52E-08	7.17E-03	1.13E-06	3.93E-07	3.79E-04	5.97E-08	2.08E-08
4421	491863.09, 3857877.25	6.00E-03	9.45E-07	3.29E-07	6.38E-04	1.01E-07	3.50E-08	6.11E-03	9.62E-07	3.35E-07	7.37E-04	1.16E-07	4.04E-08	5.90E-03	9.29E-07	3.24E-07	3.39E-04	5.34E-08	1.86E-08
4422	492363.09, 3857877.25	4.35E-03	6.85E-07	2.39E-07	4.80E-04	7.56E-08	2.63E-08	4.43E-03	6.98E-07	2.43E-07	5.54E-04	8.72E-08	3.04E-08	4.25E-03	6.70E-07	2.33E-07	2.56E-04	4.03E-08	1.40E-08
4423	492863.09, 3857877.25	3.15E-03	4.97E-07	1.73E-07	3.21E-04	5.06E-08	1.76E-08	3.21E-03	5.05E-07	1.76E-07	3.71E-04	5.84E-08	2.03E-08	3.10E-03	4.89E-07	1.70E-07	1.72E-04	2.71E-08	9.42E-09
4424	493363.09, 3857877.25	2.67E-03	4.21E-07	1.47E-07	2.62E-04	4.12E-08	1.44E-08	2.71E-03	4.28E-07	1.49E-07	3.02E-04	4.75E-08	1.66E-08	2.63E-03	4.15E-07	1.45E-07	1.40E-04	2.20E-08	7.68E-09
4425	493863.09, 3857877.25	2.40E-03	3.78E-07	1.32E-07	2.31E-04	3.63E-08	1.27E-08	2.44E-03	3.84E-07	1.34E-07	2.66E-04	4.19E-08	1.46E-08	2.37E-03	3.73E-07	1.30E-07	1.23E-04	1.94E-08	6.77E-09
4426	494363.09, 3857877.25	2.19E-03	3.45E-07	1.20E-07	2.09E-04	3.29E-08	1.15E-08	2.23E-03	3.51E-07	1.22E-07	2.41E-04	3.80E-08	1.32E-08	2.17E-03	3.41E-07	1.19E-07	1.12E-04	1.76E-08	6.14E-09
4427	494863.09, 3857877.25	1.91E-03	3.02E-07	1.05E-07	1.76E-04	2.77E-08	9.66E-09	1.94E-03	3.06E-07	1.07E-07	2.03E-04	3.20E-08	1.11E-08	1.90E-03	2.99E-07	1.04E-07	9.44E-05	1.49E-08	5.18E-09
4428	495363.09, 3857877.25	1.79E-03	2.82E-07	9.82E-08	1.64E-04	2.59E-08	9.01E-09	1.82E-03	2.86E-07	9.97E-08	1.89E-04	2.98E-08	1.04E-08	1.77E-03	2.79E-07	9.72E-08	8.80E-05	1.39E-08	4.83E-09
4429	495863.09, 3857877.25	1.68E-03	2.64E-07	9.20E-08	1.54E-04	2.43E-08	8.45E-09	1.70E-03	2.68E-07	9.34E-08	1.78E-04	2.80E-08	9.74E-09	1.66E-03	2.62E-07	9.11E-08	8.26E-05	1.30E-08	4.53E-09
4430	496363.09, 3857877.25	1.64E-03	2.59E-07	9.03E-08	1.54E-04	2.43E-08	8.48E-09	1.67E-03	2.63E-07	9.17E-08	1.78E-04	2.81E-08	9.77E-09	1.63E-03	2.56E-07	8.93E-08	8.27E-05	1.30E-08	4.54E-09
4431	496863.09, 3857877.25	1.61E-03	2.54E-07	8.85E-08	1.53E-04	2.42E-08	8.42E-09	1.64E-03	2.58E-07	8.99E-08	1.77E-04	2.79E-08	9.71E-09	1.59E-03	2.51E-07	8.75E-08	8.21E-05	1.29E-08	4.51E-09
4432	497363.09, 3857877.25	1.56E-03	2.46E-07	8.59E-08	1.50E-04	2.37E-08	8.25E-09	1.59E-03	2.50E-07	8.73E-08	1.73E-04	2.73E-08	9.51E-09	1.55E-03	2.44E-07	8.49E-08	8.03E-05	1.27E-08	4.41E-09
4433	497863.09, 3857877.25	1.70E-03	2.67E-07	9.30E-08	1.71E-04	2.69E-08	9.37E-09	1.72E-03	2.72E-07	9.46E-08	1.97E-04	3.10E-08	1.08E-08	1.67E-03	2.63E-07	9.17E-08	9.10E-05	1.43E-08	5.00E-09
4434	498363.09, 3857877.25	1.84E-03	2.89E-07	1.01E-07	1.92E-04	3.02E-08	1.05E-08	1.87E-03	2.94E-07	1.03E-07	2.21E-04	3.48E-08	1.21E-08	1.81E-03	2.85E-07	9.92E-08	1.02E-04	1.61E-08	5.59E-09
4435	471363.09, 3858377.25	2.85E-04	4.48E-08	1.56E-08	3.54E-05	5.58E-09	1.94E-09	2.91E-04	4.58E-08	1.60E-08	4.09E-05	6.45E-09	2.25E-09	2.77E-04	4.37E-08	1.52E-08	1.87E-05	2.94E-09	1.02E-09
4436	471863.09, 3858377.25	2.92E-04	4.60E-08	1.60E-08	3.69E-05	5.81E-09	2.03E-09	2.98E-04	4.70E-08	1.64E-08	4.27E-05	6.72E-09	2.34E-09	2.84E-04	4.48E-08	1.56E-08	1.95E-05	3.06E-09	1.07E-09
4437	472363.09, 3858377.25	3.01E-04	4.74E-08	1.65E-08	3.86E-05	6.08E-09	2.12E-09	3.07E-04	4.84E-08	1.69E-08	4.46E-05	7.03E-09	2.45E-09	2.92E-04	4.61E-08	1.60E-08	2.04E-05	3.21E-09	1.12E-09
4438	472863.09, 3858377.25	3.21E-04	5.06E-08	1.76E-08	4.12E-05	6.49E-09	2.26E-09	3.28E-04	5.17E-08	1.80E-08	4.76E-05	7.51E-09	2.62E-09	3.13E-04	4.92E-08	1.72E-08	2.17E-05	3.42E-09	1.19E-09
4439	473363.09, 3858377.25	3.69E-04	5.82E-08	2.03E-08	4.53E-05	7.14E-09	2.49E-09	3.77E-04	5.94E-08	2.07E-08	5.24E-05	8.25E-09	2.87E-09	3.61E-04	5.68E-08	1.98E-08	2.38E-05	3.76E-09	1.31E-09
4440	473863.09, 3858377.25	3.63E-04	5.72E-08	1.99E-08	4.70E-05	7.41E-09	2.58E-09	3.71E-04	5.85E-08	2.04E-08	5.44E-05	8.56E-09	2.98E-09	3.53E-04	5.56E-08	1.94E-08	2.48E-05	3.90E-09	1.36E-09
4441	474363.09, 3858377.25	3.12E-04	4.91E-08	1.71E-08	4.45E-05	7.01E-09	2.44E-09	3.19E-04	5.03E-08	1.75E-08	5.14E-05	8.10E-09	2.82E-09	3.00E-04	4.72E-08	1.65E-08	2.34E-05	3.69E-09	1.29E-09
4442	474863.09, 3858377.25	2.55E-04	4.01E-08	1.40E-08	3.74E-05	5.89E-09	2.05E-09	2.61E-04	4.11E-08	1.43E-08	4.32E-05	6.80E-09	2.37E-09	2.44E-04	3.85E-08	1.34E-08	1.98E-05	3.11E-09	1.08E-09
4443	475363.09, 3858377.25	1.94E-04	3.06E-08	1.07E-08	2.51E-05	3.95E-09	1.38E-09	1.98E-04	3.13E-08	1.09E-08	2.89E-05	4.56E-09	1.59E-09	1.88E-04	2.96E-08	1.03E-08	1.33E-05	2.10E-09	7.31E-10
4444	475863.09, 3858377.25	1.65E-04	2.60E-08	9.07E-09	1.77E-05	2.78E-09	9.70E-10	1.68E-04	2.65E-08	9.24E-09	2.04E-05	3.21E-09	1.12E-09	1.62E-04	2.55E-08	8.90E-09	9.49E-06	1.49E-09	5.21E-10
4445	476363.09, 3858377.25	1.78E-04	2.81E-08	9.78E-09	1.94E-05	3.05E-09	1.06E-09	1.81E-04	2.86E-08	9.96E-09	2.24E-05	3.52E-09	1.23E-09	1.75E-04	2.75E-08	9.58E-09	1.04E-05	1.64E-09	5.71E-10
4446	476863.09, 3858377.25	1.93E-04	3.05E-08	1.06E-08	2.13E-05	3.36E-09	1.17E-09	1.97E-04	3.10E-08	1.08E-08	2.46E-05	3.87E-09	1.35E-09	1.89E-04	2.98E-08	1.04E-08	1.14E-05	1.80E-09	6.26E-10
4447	477363.09, 3858377.25	1.94E-04	3.06E-08	1.06E-08	2.03E-05	3.19E-09	1.11E-09	1.97E-04	3.11E-08	1.08E-08	2.34E-05	3.68E-09	1.28E-09	1.91E-04	3.00E-08	1.05E-08	1.09E-05	1.72E-09	5.98E-10
4448	477863.09, 3858377.25	2.37E-04	3.74E-08	1.30E-08	2.83E-05	4.46E-09	1.55E-09	2.42E-04	3.81E-08	1.33E-08	3.26E-05	5.14E-09	1.79E-09	2.31E-04	3.64E-08	1.27E-08	1.51E-05	2.38E-09	8.28E-10
4449	478363.09, 3858377.25	2.57E-04	4.05E-08	1.41E-08	3.13E-05	4.94E-09	1.72E-09	2.62E-04	4.13E-08	1.44E-08	3.62E-05	5.70E-09	1.99E-09	2.50E-04	3.94E-08	1.37E-08	1.67E-05	2.63E-09	9.17E-10
4450	478863.09, 3858377.25	2.13E-04	3.36E-08	1.17E-08	2.06E-05	3.24E-09	1.13E-09	2.16E-04	3.41E-08	1.19E-08	2.37E-05	3.73E-09	1.30E-09	2.10E-04	3.31E-08	1.15E-08	1.11E-05	1.75E-09	6.09E-10
4451	479363.09, 3858377.25	4.72E-04	7.43E-08	2.59E-08	7.80E-05	1.23E-08	4.28E-09	4.85E-04	7.64E-08	2.66E-08	9.02E-05	1.42E-08	4.95E-09	4.47E-04	7.04E-08	2.45E-08	4.11E-05	6.48E-09	2.26E-09
4452	479863.09, 3858377.25	8.98E-04	1.41E-07	4.93E-08	1.39E-04	2.18E-08	7.61E-09	9.21E-04	1.45E-07	5.06E-08	1.60E-04	2.53E-08	8.80E-09	8.59E-04	1.35E-07	4.72E-08	7.27E-05	1.14E-08	3.99E-09
4453	480363.09, 3858377.25	1.19E-03	1.87E-07	6.51E-08	1.61E-04	2.53E-08	8.81E-09	1.21E-03	1.91E-07	6.66E-08	1.86E-04	2.93E-08	1.02E-08	1.15E-03	1.81E-07	6.32E-08	8.40E-05	1.32E-08	4.61E-09
4454	480863.09, 3858377.25	1.32E-03	2.08E-07	7.26E-08	1.79E-04	2.82E-08	9.83E-09	1.35E-03	2.13E-07	7.42E-08	2.07E-04	3.26E-08	1.14E-08	1.28E-03	2.02E-07	7.04E-08	9.37E-05	1.48E-08	5.14E-09
4455	481363.09, 3858377.25	1.54E-03	2.42E-07	8.44E-08	2.01E-04	3.16E-08	1.10E-08	1.57E-03	2.48E-07	8.63E-08	2.32E-04	3.66E-08	1.28E-08	1.50E-03	2.36E-07	8.21E-08	1.05E-04	1.66E-08	5.77E-09
4456	481863.09, 3858377.25	1.71E-03	2.69E-07	9.36E-08	2.27E-04	3.58E-08	1.25E-08	1.75E-03	2.75E-07	9.58E-08	2.63E-04	4.14E-08	1.44E-08	1.66E-03	2.61E-07	9.10E-08	1.19E-04	1.87E-08	6.52E-09
4457	482363.09, 3858377.25	2.07E-03	3.26E-07	1.14E-07	2.61E-04	4.12E-08	1.43E-08	2.11E-03	3.33E-07	1.16E-07	3.03E-04	4.77E-08	1.66E-08	2.02E-03	3.18E-07	1.11E-07	1.37E-04	2.15E-08	7.50E-09
4458	482863.09, 3858377.25	3.00E-03	4.73E-07	1.65E-07	2.98E-04	4.69E-08	1.63E-08	3.06E-03	4.81E-07	1.68E-07	3.44E-04	5.43E-08	1.89E-08	2.99E-03	4.70E-07	1.64E-07	1.55E-04	2.45E-08	8.53E-09
4459	483363.09, 3858377.25	4.01E-03	6.32E-07	2.20E-07	3.19E-04	5.02E-08	1.75E-08	4.06E-03	6.40E-07	2.23E-07	3.69E-04	5.81E-08	2.02E-08	4.03E-03	6.35E-07	2.21E-07	1.66E-04	2.62E-08	9.13E-09
4460	483863.09, 3858377.25	4.68E-03	7.37E-07	2.57E-07	3.47E-04	5.47E-08	1.91E-08	4.74E-03	7.47E-07	2.60E-07	4.02E-04	6.33E-08	2.21E-08	4.72E-03	7.44E-07	2.59E-07	1.81E-04	2.86E-08	9.95E-09
4461	484363.09, 3858377.25	5.45E-03	8.58E-07	2.99E-07	3.86E-04	6.08E-08	2.12E-08	5.51E-03	8.68E-07	3.03E-07	4.47E-04	7.04E-08	2.45E-08	5.51E-03	8.68E-07	3.02E-07	2.02E-04	3.18E-08	1.11E-08
4462	484863.09, 3858377.25	6.56E-03	1.03E-06	3.60E-07	4.19E-04	6.59E-08	2.30E-08	6.63E-03	1.05E-06	3.64E-07	4.84E-04	7.63E-08	2.66E-08	6.67E-03	1.05E-06	3.66E-07	2.19E-04	3.44E-08	1.20E-08
4463	485363.09, 3858377.25	8.41E-03	1.33E-06	4.62E-07	4.49E-04	7.08E-08	2.47E-08	8.49E-03	1.34E-06	4.66E-07	5.20E-04	8.19E-08	2.85E-08	8.60E-03	1.35E-06	4.72E-07	2.35E-04	3.70E-08	1.29E-08
4464	485863.09, 3858377.25	1.28E-02	2.02E-06	7.03E-07	4.84E-04	7.62E-08	2.66E-08	1.29E-02	2.03E-06	7.08E-07	5.60E-04	8.82E-08	3.07E-08	1.32E-02	2.08E-06	7.26E-07	2.53E-04	3.99E-08	1.39E-08
4465	486363.09, 3858377.25	5.93E-02	9.34E-06	3.25E-06	4.89E-04	7.70E-08	2.68E-08	5.94E-02	9.35E-06	3.26E-06	5.65E-04	8.90E-08	3.10E-08	6.23E-02	9.81E-06	3.42E-06	2.57E-04	4.05E-08	1.41E-08
4466	486863.09, 3858377.25	7.80E-02	1.23E-05	4.28E-06	4.86E-04	7.65E-08	2.66E-08	7.81E-02	1.23E-05	4.29E-06	5.61E-04	8.84E-08	3.08E-08	8.20E-02	1.29E-05	4.50E-06	2.57E-04	4.05E-08	1.41E-08
4467	487363.09, 3858377.25	3.67E-02	5.79E-06	2.02E-06	5.13E-04	8.08E-08	2.82E-08	3.68E-02	5.80E-06	2.02E-06	5.92E-04	9.33E-08	3.25E-08	3.85E-02	6.06E-06	2.11E-06	2.72E-04	4.29E-08	1.49E-08
4468	487863.09, 3858377.25	2.41E-02	3.79E-06	1.32E-06	5.64E-04	8.88E-08	3.09E-08	2.42E-02	3.81E-06	1.33E-06	6.51E-04	1.03E-07	3.57E-08	2.50E-02	3.94E-06	1.37E-06	3.00E-04	4.73E-08	1.65E-08
4469	488363.09, 3858377.25	1.83E-02	2.88E-06	1.00E-06	5.87E-04	9.25E-08	3.22E-08	1.84E-02	2.89E-06	1.01E-06	6.78E-04	1.07E-07	3.72E-08	1.89E-02	2.98E-06	1.04E-06	3.12E-04	4.92E-08	1.71E-08
4470	488863.09, 3858377.25	1.57E-02	2.47E-06	8.59E-07	5.72E-04	9.01E-08	3.14E-08	1.57E-02	2.48E-06	8.64E-07	6.59E-04	1.04E-07	3.61E-08	1.61E-02	2.54E-06	8.84E-07	3.08E-04	4.85E-08	1.69E-08
4471	489363.09, 3858377.25	1.37E-02	2.16E-06	7.51E-07	5.99E-04	9.44E-08	3.29E-08	1.38E-02	2.17E-06	7.57E-07	6.91E-04	1.09E-07	3.79E-08	1.40E-02	2.21E-06	7.70E-07	3.21E-04	5.05E-08	1.76E-08
4472	489863.09, 3858377.25	1.22E-02	1.92E-06	6.69E-07	6.13E-04	9.66E-08	3.36E-08	1.23E-02	1.94E-06	6.74E-07	7.08E-04	1.11E-07	3.88E-08	1.24E-02	1.96E-06	6.82E-07	3.27E-04	5.14E-08	1.79E-08
4473	490363.09, 3858377.25	1.08E-02	1.71E-06	5.95E-07	5.98E-04	9.42E-08	3.28E-08	1.09E-02	1.72E-06	6.01E-07	6.90E-04	1.09E-07	3.79E-08	1.10E-02	1.74E-06	6.06E-07	3.18E-04	5.01E-08	1.74E-08
4474	490863.09, 3858377.25	9.62E-03	1.52E-06	5.28E-07	5.68E-04	8.95E-08	3.12E-08	9.72E-03	1.53E-06	5.33E-07	6.56E-04	1.03E-07	3.60E-08	9.77E-03	1.54E-06	5.36E-07	3.02E-04	4.75E-08	1.66E-08
4475	491363.09, 3858377.25	7.96E-03	1.25E-06	4.37E-07	5.36E-04	8.44E-08	2.94E-08	8.05E-03	1.27E-06	4.42E-07	6.19E-04	9.75E-08	3.40E-08	8.03E-03	1.27E-06	4.41E-07	2.84E-04	4.48E-08	1.56E-08
4476	491863.09, 3858377.25	5.84E-03	9.19E-07	3.20E-07	4.63E-04	7.30E-08	2.54E-08	5.91E-03	9.32E-07	3.25E-07	5.35E-04	8.42E-08	2.94E-08	5.84E-03	9.20E-07	3.20E-07	2.47E-04	3.89E-08	1.35E-08
4477	492363.09, 3858377.25	3.95E-03	6.22E-07	2.17E-07	3.12E-04	4.91E-08	1.71E-08	4.00E-03	6.30E-07	2.19E-07	3.60E-04	5.67E-08	1.97E-08	3.95E-03	6.22E-07	2.17E-07	1.67E-04	2.63E-08	9.15E-09
4478	492863.09, 3858377.25	4.00E-03	6.30E-07	2.19E-07	3.36E-04	5.30E-08	1.85E-08	4.06E-03	6.39E-07	2.23E-07	3.88E-04	6.11E-08	2.13E-08	3.99E-03	6.28E-07	2.19E-07	1.79E-04	2.82E-08	9.84E-09
4479	493363.09, 3858377.25	3.37E-03	5.31E-07	1.85E-07	2.83E-04	4.47E-08	1.56E-08	3.42E-03	5.38E-07	1.87E-07	3.27E-04	5.15E-08	1.80E-08	3.36E-03	5.29E-07	1.84E-07	1.51E-04	2.38E-08	8.29E-09
4480	493863.09, 3858377.25	3.01E-03	4.74E-07	1.65E-07	2.57E-04	4.05E-08	1.41E-08	3.05E-03	4.81E-07	1.68E-07	2.97E-04	4.67E-08	1.63E-08	3.00E-03	4.73E-07	1.65E-07	1.37E-04	2.16E-08	7.52E-09
4481	494363.09, 3858377.25	2.65E-03	4.17E-07	1.45E-07	2.27E-04	3.58E-08	1.25E-08	2.69E-03	4.23E-07	1.47E-07	2.62E-04	4.13E-08	1.44E-08	2.64E-03	4.16E-07	1.45E-07	1.21E-04	1.91E-08	6.64E-09
4482	494863.09, 3858377.25	2.36E-03	3.72E-07	1.30E-07	2.03E-04	3.20E-08	1.11E-08	2.40E-03	3.78E-07	1.32E-07	2.34E-04	3.69E-08	1.29E-08	2.36E-03	3.71E-07	1.29E-07	1.08E-04	1.71E-08	5.94E-09
4483	495363.09, 3858377.25	2.08E-03	3.27E-07	1.14E-07	1.77E-04	2.79E-08	9.71E-09	2.11E-03	3.32E-07	1.16E-07	2.04E-04	3.22E-08	1.12E-08	2.07E-03	3.26E-07	1.14E-07	9.45E-05	1.49E-08	5.19E-09
4484	495863.09, 3858377.25	1.98E-03	3.11E-07	1.08E-07	1.72E-04	2.71E-08	9.45E-09	2.00E-03	3.16E-07	1.10E-07	1.99E-04	3.13E-08	1.09E-08	1.97E-03	3.10E-07	1.08E-07	9.18E-05	1.45E-08	5.04E-09
4485	496363.09, 3858377.25	1.87E-03	2.94E-07	1.03E-07	1.66E-04	2.61E-08	9.10E-09	1.90E-03	2.99E-07	1.04E-07	1.91E-04	3.01E-08	1.05E-08	1.86E-03	2.93E-07	1.02E-07	8.84E-05	1.39E-08	4.85E-09

4486	496863.09, 3858377.25	1.88E-03	2.96E-07	1.03E-07	1.73E-04	2.72E-08	9.47E-09	1.91E-03	3.00E-07	1.05E-07	1.99E-04	3.14E-08	1.09E-08	1.86E-03	2.93E-07	1.02E-07	9.19E-05	1.45E-08	5.05E-09
4487	497363.09, 3858377.25	1.83E-03	2.89E-07	1.01E-07	1.72E-04	2.72E-08	9.47E-09	1.86E-03	2.93E-07	1.02E-07	1.99E-04	3.14E-08	1.09E-08	1.82E-03	2.86E-07	9.97E-08	9.18E-05	1.45E-08	5.04E-09
4488	497863.09, 3858377.25	1.93E-03	3.04E-07	1.06E-07	1.88E-04	2.96E-08	1.03E-08	1.96E-03	3.09E-07	1.08E-07	2.17E-04	3.42E-08	1.19E-08	1.91E-03	3.01E-07	1.05E-07	9.99E-05	1.57E-08	5.48E-09
4489	498363.09, 3858377.25	2.10E-03	3.31E-07	1.15E-07	2.07E-04	3.27E-08	1.14E-08	2.14E-03	3.37E-07	1.17E-07	2.39E-04	3.77E-08	1.31E-08	2.08E-03	3.28E-07	1.14E-07	1.10E-04	1.73E-08	6.04E-09
4490	471363.09, 3858877.25	2.87E-04	4.53E-08	1.58E-08	3.47E-05	5.46E-09	1.90E-09	2.93E-04	4.62E-08	1.61E-08	4.00E-05	6.31E-09	2.20E-09	2.81E-04	4.42E-08	1.54E-08	1.83E-05	2.88E-09	1.00E-09
4491	471863.09, 3858877.25	2.93E-04	4.62E-08	1.61E-08	3.61E-05	5.69E-09	1.98E-09	2.99E-04	4.71E-08	1.64E-08	4.17E-05	6.57E-09	2.29E-09	2.86E-04	4.50E-08	1.57E-08	1.91E-05	3.00E-09	1.05E-09
4492	472363.09, 3858877.25	3.17E-04	5.00E-08	1.74E-08	3.87E-05	6.10E-09	2.12E-09	3.24E-04	5.10E-08	1.78E-08	4.47E-05	7.05E-09	2.46E-09	3.09E-04	4.87E-08	1.70E-08	2.04E-05	3.22E-09	1.12E-09
4493	472863.09, 3858877.25	3.38E-04	5.33E-08	1.86E-08	4.14E-05	6.53E-09	2.27E-09	3.45E-04	5.44E-08	1.90E-08	4.79E-05	7.54E-09	2.63E-09	3.30E-04	5.20E-08	1.81E-08	2.18E-05	3.44E-09	1.20E-09
4494	473363.09, 3858877.25	3.79E-04	5.97E-08	2.08E-08	4.52E-05	7.13E-09	2.48E-09	3.86E-04	6.09E-08	2.12E-08	5.23E-05	8.24E-09	2.87E-09	3.70E-04	5.83E-08	2.03E-08	2.38E-05	3.76E-09	1.31E-09
4495	473863.09, 3858877.25	3.78E-04	5.95E-08	2.07E-08	4.77E-05	7.51E-09	2.62E-09	3.86E-04	6.08E-08	2.12E-08	5.51E-05	8.68E-09	3.03E-09	3.68E-04	5.79E-08	2.02E-08	2.51E-05	3.96E-09	1.38E-09
4496	474363.09, 3858877.25	3.37E-04	5.31E-08	1.85E-08	4.70E-05	7.41E-09	2.58E-09	3.45E-04	5.44E-08	1.89E-08	5.44E-05	8.56E-09	2.98E-09	3.25E-04	5.12E-08	1.78E-08	2.48E-05	3.91E-09	1.36E-09
4497	474863.09, 3858877.25	1.84E-04	2.90E-08	1.01E-08	2.41E-05	3.79E-09	1.32E-09	1.88E-04	2.96E-08	1.03E-08	2.78E-05	4.38E-09	1.53E-09	1.78E-04	2.80E-08	9.77E-09	1.28E-05	2.02E-09	7.03E-10
4498	475363.09, 3858877.25	1.56E-04	2.46E-08	8.59E-09	1.74E-05	2.74E-09	9.53E-10	1.59E-04	2.51E-08	8.74E-09	2.00E-05	3.15E-09	1.10E-09	1.53E-04	2.41E-08	8.40E-09	9.32E-06	1.47E-09	5.11E-10
4499	475863.09, 3858877.25	1.73E-04	2.73E-08	9.52E-09	2.01E-05	3.17E-09	1.10E-09	1.77E-04	2.78E-08	9.70E-09	2.32E-05	3.66E-09	1.27E-09	1.69E-04	2.66E-08	9.28E-09	1.08E-05	1.70E-09	5.91E-10
4500	476363.09, 3858877.25	1.37E-04	2.15E-08	7.50E-09	1.23E-05	1.93E-09	6.74E-10	1.39E-04	2.18E-08	7.61E-09	1.41E-05	2.22E-09	7.75E-10	1.35E-04	2.13E-08	7.42E-09	6.67E-06	1.05E-09	3.66E-10
4501	476863.09, 3858877.25	1.59E-04	2.51E-08	8.75E-09	1.56E-05	2.46E-09	8.58E-10	1.62E-04	2.55E-08	8.89E-09	1.80E-05	2.84E-09	9.88E-10	1.57E-04	2.48E-08	8.62E-09	8.45E-06	1.33E-09	4.64E-10
4502	477363.09, 3858877.25	1.67E-04	2.63E-08	9.17E-09	1.66E-05	2.61E-09	9.10E-10	1.70E-04	2.68E-08	9.32E-09	1.91E-05	3.01E-09	1.05E-09	1.65E-04	2.59E-08	9.03E-09	8.95E-06	1.41E-09	4.91E-10
4503	477863.09, 3858877.25	1.96E-04	3.09E-08	1.08E-08	2.17E-05	3.42E-09	1.19E-09	2.00E-04	3.15E-08	1.10E-08	2.50E-05	3.94E-09	1.37E-09	1.92E-04	3.03E-08	1.05E-08	1.16E-05	1.83E-09	6.38E-10
4504	478363.09, 3858877.25	3.35E-04	5.28E-08	1.84E-08	5.07E-05	7.99E-09	2.78E-09	3.44E-04	5.42E-08	1.89E-08	5.86E-05	9.23E-09	3.22E-09	3.20E-04	5.05E-08	1.76E-08	2.68E-05	4.23E-09	1.47E-09
4505	478863.09, 3858877.25	3.03E-04	4.77E-08	1.66E-08	4.19E-05	6.60E-09	2.30E-09	3.10E-04	4.88E-08	1.70E-08	4.84E-05	7.62E-09	2.66E-09	2.91E-04	4.59E-08	1.60E-08	2.22E-05	3.50E-09	1.22E-09
4506	479363.09, 3858877.25	2.66E-04	4.19E-08	1.46E-08	3.30E-05	5.20E-09	1.81E-09	2.71E-04	4.27E-08	1.49E-08	3.81E-05	6.00E-09	2.09E-09	2.58E-04	4.07E-08	1.42E-08	1.76E-05	2.77E-09	9.65E-10
4507	479863.09, 3858877.25	9.71E-04	1.53E-07	5.33E-08	1.34E-04	2.11E-08	7.36E-09	9.93E-04	1.57E-07	5.45E-08	1.55E-04	2.44E-08	8.52E-09	9.39E-04	1.48E-07	5.15E-08	7.03E-05	1.11E-08	3.86E-09
4508	480363.09, 3858877.25	1.19E-03	1.87E-07	6.53E-08	1.50E-04	2.36E-08	8.21E-09	1.21E-03	1.91E-07	6.67E-08	1.73E-04	2.72E-08	9.49E-09	1.16E-03	1.83E-07	6.37E-08	7.83E-05	1.23E-08	4.30E-09
4509	480863.09, 3858877.25	1.39E-03	2.18E-07	7.60E-08	1.64E-04	2.59E-08	9.01E-09	1.41E-03	2.23E-07	7.76E-08	1.90E-04	2.99E-08	1.04E-08	1.36E-03	2.14E-07	7.46E-08	8.59E-05	1.35E-08	4.72E-09
4510	481363.09, 3858877.25	1.55E-03	2.45E-07	8.52E-08	1.81E-04	2.85E-08	9.94E-09	1.58E-03	2.49E-07	8.69E-08	2.09E-04	3.30E-08	1.15E-08	1.52E-03	2.40E-07	8.37E-08	9.47E-05	1.49E-08	5.20E-09
4511	481863.09, 3858877.25	1.76E-03	2.78E-07	9.68E-08	2.01E-04	3.17E-08	1.10E-08	1.80E-03	2.83E-07	9.87E-08	2.33E-04	3.67E-08	1.28E-08	1.73E-03	2.73E-07	9.52E-08	1.05E-04	1.66E-08	5.77E-09
4512	482363.09, 3858877.25	1.92E-03	3.03E-07	1.06E-07	2.24E-04	3.53E-08	1.23E-08	1.96E-03	3.09E-07	1.08E-07	2.59E-04	4.08E-08	1.42E-08	1.89E-03	2.98E-07	1.04E-07	1.17E-04	1.84E-08	6.42E-09
4513	482863.09, 3858877.25	2.25E-03	3.55E-07	1.24E-07	2.51E-04	3.96E-08	1.38E-08	2.30E-03	3.62E-07	1.26E-07	2.91E-04	4.58E-08	1.60E-08	2.22E-03	3.50E-07	1.22E-07	1.31E-04	2.07E-08	7.20E-09
4514	483363.09, 3858877.25	3.33E-03	5.24E-07	1.83E-07	2.57E-04	4.05E-08	1.41E-08	3.37E-03	5.31E-07	1.85E-07	2.97E-04	4.69E-08	1.63E-08	3.35E-03	5.28E-07	1.84E-07	1.34E-04	2.12E-08	7.37E-09
4515	483863.09, 3858877.25	3.83E-03	6.04E-07	2.10E-07	2.73E-04	4.30E-08	1.50E-08	3.88E-03	6.11E-07	2.13E-07	3.16E-04	4.98E-08	1.73E-08	3.88E-03	6.10E-07	2.13E-07	1.43E-04	2.25E-08	7.84E-09
4516	484363.09, 3858877.25	4.50E-03	7.09E-07	2.47E-07	2.98E-04	4.69E-08	1.63E-08	4.55E-03	7.17E-07	2.50E-07	3.45E-04	5.43E-08	1.89E-08	4.57E-03	7.19E-07	2.51E-07	1.56E-04	2.45E-08	8.55E-09
4517	484863.09, 3858877.25	5.48E-03	8.63E-07	3.01E-07	3.20E-04	5.04E-08	1.76E-08	5.53E-03	8.71E-07	3.04E-07	3.70E-04	5.83E-08	2.03E-08	5.58E-03	8.79E-07	3.06E-07	1.67E-04	2.64E-08	9.19E-09
4518	485363.09, 3858877.25	7.19E-03	1.13E-06	3.94E-07	3.34E-04	5.26E-08	1.83E-08	7.24E-03	1.14E-06	3.98E-07	3.86E-04	6.08E-08	2.12E-08	7.38E-03	1.16E-06	4.05E-07	1.75E-04	2.75E-08	9.59E-09
4519	485863.09, 3858877.25	1.13E-02	1.77E-06	6.18E-07	3.44E-04	5.42E-08	1.89E-08	1.13E-02	1.78E-06	6.21E-07	3.98E-04	6.27E-08	2.18E-08	1.17E-02	1.84E-06	6.40E-07	1.80E-04	2.84E-08	9.90E-09
4520	486363.09, 3858877.25	5.54E-02	8.72E-06	3.04E-06	3.37E-04	5.31E-08	1.85E-08	5.54E-02	8.73E-06	3.04E-06	3.90E-04	6.14E-08	2.14E-08	5.82E-02	9.18E-06	3.20E-06	1.77E-04	2.79E-08	9.74E-09
4521	486863.09, 3858877.25	8.03E-02	1.26E-05	4.41E-06	3.35E-04	5.27E-08	1.84E-08	8.04E-02	1.27E-05	4.41E-06	3.86E-04	6.08E-08	2.12E-08	8.46E-02	1.33E-05	4.64E-06	1.78E-04	2.81E-08	9.77E-09
4522	487363.09, 3858877.25	8.22E-02	1.29E-05	4.51E-06	3.69E-04	5.81E-08	2.02E-08	8.22E-02	1.30E-05	4.51E-06	4.24E-04	6.67E-08	2.33E-08	8.65E-02	1.36E-05	4.75E-06	2.02E-04	3.19E-08	1.11E-08
4523	487863.09, 3858877.25	4.02E-02	6.33E-06	2.20E-06	3.74E-04	5.89E-08	2.05E-08	4.02E-02	6.34E-06	2.21E-06	4.31E-04	6.78E-08	2.36E-08	4.22E-02	6.64E-06	2.31E-06	2.01E-04	3.17E-08	1.10E-08
4524	488363.09, 3858877.25	6.80E-02	1.07E-05	3.73E-06	3.91E-04	6.17E-08	2.15E-08	6.80E-02	1.07E-05	3.73E-06	4.52E-04	7.12E-08	2.48E-08	7.15E-02	1.13E-05	3.92E-06	2.09E-04	3.29E-08	1.15E-08
4525	488863.09, 3858877.25	3.27E-02	5.15E-06	1.80E-06	4.08E-04	6.43E-08	2.24E-08	3.28E-02	5.16E-06	1.80E-06	4.71E-04	7.42E-08	2.59E-08	3.43E-02	5.40E-06	1.88E-06	2.17E-04	3.42E-08	1.19E-08
4526	489363.09, 3858877.25	2.22E-02	3.50E-06	1.22E-06	3.86E-04	6.08E-08	2.12E-08	2.23E-02	3.51E-06	1.22E-06	4.46E-04	7.02E-08	2.45E-08	2.32E-02	3.66E-06	1.27E-06	2.06E-04	3.24E-08	1.13E-08
4527	489863.09, 3858877.25	1.71E-02	2.69E-06	9.36E-07	3.88E-04	6.12E-08	2.13E-08	1.71E-02	2.70E-06	9.40E-07	4.48E-04	7.06E-08	2.46E-08	1.78E-02	2.80E-06	9.74E-07	2.07E-04	3.26E-08	1.13E-08
4528	490363.09, 3858877.25	1.34E-02	2.11E-06	7.36E-07	4.13E-04	6.51E-08	2.27E-08	1.35E-02	2.12E-06	7.39E-07	4.77E-04	7.51E-08	2.62E-08	1.39E-02	2.19E-06	7.61E-07	2.19E-04	3.45E-08	1.20E-08
4529	490863.09, 3858877.25	1.00E-02	1.58E-06	5.51E-07	4.24E-04	6.69E-08	2.33E-08	1.01E-02	1.59E-06	5.55E-07	4.90E-04	7.72E-08	2.69E-08	1.03E-02	1.62E-06	5.66E-07	2.25E-04	3.54E-08	1.23E-08
4530	491363.09, 3858877.25	7.14E-03	1.13E-06	3.92E-07	3.96E-04	6.24E-08	2.17E-08	7.21E-03	1.14E-06	3.96E-07	4.57E-04	7.20E-08	2.51E-08	7.27E-03	1.15E-06	3.99E-07	2.10E-04	3.32E-08	1.15E-08
4531	491863.09, 3858877.25	5.10E-03	8.03E-07	2.80E-07	3.10E-04	4.89E-08	1.70E-08	5.15E-03	8.11E-07	2.83E-07	3.58E-04	5.64E-08	1.97E-08	5.17E-03	8.14E-07	2.84E-07	1.66E-04	2.61E-08	9.09E-09
4532	492363.09, 3858877.25	5.27E-03	8.30E-07	2.89E-07	3.35E-04	5.27E-08	1.84E-08	5.33E-03	8.39E-07	2.92E-07	3.86E-04	6.09E-08	2.12E-08	5.33E-03	8.40E-07	2.93E-07	1.78E-04	2.81E-08	9.78E-09
4533	492863.09, 3858877.25	5.46E-03	8.60E-07	3.00E-07	3.43E-04	5.40E-08	1.88E-08	5.52E-03	8.69E-07	3.03E-07	3.96E-04	6.23E-08	2.17E-08	5.53E-03	8.72E-07	3.04E-07	1.82E-04	2.87E-08	9.98E-09
4534	493363.09, 3858877.25	4.71E-03	7.42E-07	2.58E-07	3.18E-04	5.01E-08	1.75E-08	4.76E-03	7.50E-07	2.61E-07	3.67E-04	5.78E-08	2.01E-08	4.75E-03	7.49E-07	2.61E-07	1.69E-04	2.66E-08	9.27E-09
4535	493863.09, 3858877.25	3.76E-03	5.92E-07	2.06E-07	2.70E-04	4.25E-08	1.48E-08	3.80E-03	5.99E-07	2.09E-07	3.11E-04	4.90E-08	1.71E-08	3.78E-03	5.96E-07	2.08E-07	1.44E-04	2.26E-08	7.88E-09
4536	494363.09, 3858877.25	3.37E-03	5.31E-07	1.85E-07	2.50E-04	3.95E-08	1.37E-08	3.41E-03	5.37E-07	1.87E-07	2.89E-04	4.55E-08	1.59E-08	3.38E-03	5.33E-07	1.86E-07	1.33E-04	2.10E-08	7.32E-09
4537	494863.09, 3858877.25	2.94E-03	4.63E-07	1.61E-07	2.25E-04	3.54E-08	1.23E-08	2.97E-03	4.68E-07	1.63E-07	2.60E-04	4.09E-08	1.43E-08	2.95E-03	4.64E-07	1.62E-07	1.20E-04	1.89E-08	6.57E-09
4538	495363.09, 3858877.25	2.58E-03	4.06E-07	1.41E-07	2.02E-04	3.18E-08	1.11E-08	2.61E-03	4.11E-07	1.43E-07	2.33E-04	3.67E-08	1.28E-08	2.58E-03	4.07E-07	1.42E-07	1.07E-04	1.69E-08	5.90E-09
4539	495863.09, 3858877.25	2.37E-03	3.74E-07	1.30E-07	1.91E-04	3.01E-08	1.05E-08	2.40E-03	3.79E-07	1.32E-07	2.20E-04	3.47E-08	1.21E-08	2.37E-03	3.74E-07	1.30E-07	1.02E-04	1.60E-08	5.57E-09
4540	496363.09, 3858877.25	2.26E-03	3.57E-07	1.24E-07	1.88E-04	2.96E-08	1.03E-08	2.29E-03	3.61E-07	1.26E-07	2.17E-04	3.41E-08	1.19E-08	2.26E-03	3.56E-07	1.24E-07	9.98E-05	1.57E-08	5.47E-09
4541	496863.09, 3858877.25	2.17E-03	3.42E-07	1.19E-07	1.85E-04	2.91E-08	1.01E-08	2.20E-03	3.46E-07	1.21E-07	2.13E-04	3.36E-08	1.17E-08	2.16E-03	3.41E-07	1.19E-07	9.81E-05	1.55E-08	5.39E-09
4542	497363.09, 3858877.25	2.07E-03	3.27E-07	1.14E-07	1.81E-04	2.85E-08	9.93E-09	2.11E-03	3.32E-07	1.16E-07	2.09E-04	3.29E-08	1.15E-08	2.07E-03	3.26E-07	1.13E-07	9.61E-05	1.51E-08	5.28E-09
4543	497863.09, 3858877.25	2.23E-03	3.51E-07	1.22E-07	1.99E-04	3.13E-08	1.09E-08	2.26E-03	3.56E-07	1.24E-07	2.29E-04	3.61E-08	1.26E-08	2.22E-03	3.50E-07	1.22E-07	1.05E-04	1.66E-08	5.78E-09
4544	498363.09, 3858877.25	2.39E-03	3.76E-07	1.31E-07	2.10E-04	3.31E-08	1.15E-08	2.42E-03	3.81E-07	1.33E-07	2.43E-04	3.82E-08	1.33E-08	2.38E-03	3.74E-07	1.30E-07	1.11E-04	1.75E-08	6.11E-09
4545	471363.09, 3859377.25	2.89E-04	4.55E-08	1.59E-08	3.43E-05	5.41E-09	1.88E-09	2.95E-04	4.65E-08	1.62E-08	3.97E-05	6.25E-09	2.18E-09	2.82E-04	4.45E-08	1.55E-08	1.81E-05	2.86E-09	9.96E-10
4546	471863.09, 3859377.25	3.03E-04	4.78E-08	1.66E-08	3.66E-05	5.76E-09	2.01E-09	3.09E-04	4.87E-08	1.70E-08	4.22E-05	6.65E-09	2.32E-09	2.96E-04	4.66E-08	1.62E-08	1.93E-05	3.04E-09	1.06E-09
4547	472363.09, 3859377.25	3.29E-04	5.19E-08	1.81E-08	3.96E-05	6.24E-09	2.17E-09	3.36E-04	5.29E-08	1.84E-08	4.57E-05	7.21E-09	2.51E-09	3.22E-04	5.07E-08	1.76E-08	2.09E-05	3.29E-09	1.15E-09
4548	472863.09, 3859377.25	3.51E-04	5.53E-08	1.93E-08	4.26E-05	6.71E-09	2.34E-09	3.59E-04	5.65E-08	1.97E-08	4.92E-05	7.75E-09	2.70E-09	3.43E-04	5.40E-08	1.88E-08	2.25E-05	3.54E-09	1.23E-09
4549	473363.09, 3859377.25	3.81E-04	6.00E-08	2.09E-08	4.59E-05	7.23E-09	2.52E-09	3.89E-04	6.12E-08	2.13E-08	5.31E-05	8.36E-09	2.91E-09	3.72E-04	5.86E-08	2.04E-08	2.42E-05	3.81E-09	1.33E-09
4550	473863.09, 3859377.25	3.95E-04	6.22E-08	2.17E-08	4.88E-05	7.69E-09	2.68E-09	4.03E-04	6.35E-08	2.21E-08	5.64E-05	8.89E-09	3.10E-09	3.85E-04	6.06E-08	2.11E-08	2.57E-05	4.05E-09	1.41E-09
4551	474363.09, 3859377.25	3.46E-04	5.45E-08	1.90E-08	4.79E-05	7.55E-09	2.63E-09	3.54E-04	5.58E-08	1.94E-08	5.54E-05	8.72E-09	3.04E-09	3.33E-04	5.25E-08	1.83E-08	2.53E-05	3.99E-09	1.39E-09
4552	474863.09, 3859377.25	2.57E-04	4.05E-08	1.41E-08	3.80E-05	5.99E-09	2.09E-09	2.63E-04	4.15E-08	1.45E-08	4.39E-05	6.92E-09	2.41E-09	2.46E-04	3.87E-08	1.35E-08	2.01E-05	3.17E-09	1.10E-09

4553	475363.09, 3859377.25	1.85E-04	2.91E-08	1.01E-08	2.45E-05	3.86E-09	1.34E-09	1.89E-04	2.97E-08	1.04E-08	2.83E-05	4.45E-09	1.55E-09	1.78E-04	2.81E-08	9.79E-09	1.30E-05	2.05E-09	7.14E-10
4554	475863.09, 3859377.25	1.44E-04	2.27E-08	7.92E-09	1.52E-05	2.40E-09	8.37E-10	1.47E-04	2.31E-08	8.06E-09	1.76E-05	2.77E-09	9.64E-10	1.42E-04	2.23E-08	7.77E-09	8.20E-06	1.29E-09	4.50E-10
4555	476363.09, 3859377.25	1.38E-04	2.18E-08	7.60E-09	1.38E-05	2.17E-09	7.57E-10	1.41E-04	2.22E-08	7.72E-09	1.59E-05	2.50E-09	8.71E-10	1.36E-04	2.15E-08	7.48E-09	7.44E-06	1.17E-09	4.09E-10
4556	476863.09, 3859377.25	1.26E-04	1.99E-08	6.93E-09	1.11E-05	1.76E-09	6.12E-10	1.28E-04	2.02E-08	7.03E-09	1.28E-05	2.02E-09	7.03E-10	1.25E-04	1.97E-08	6.87E-09	6.08E-06	9.57E-10	3.34E-10
4557	477363.09, 3859377.25	1.36E-04	2.14E-08	7.47E-09	1.24E-05	1.95E-09	6.80E-10	1.38E-04	2.18E-08	7.58E-09	1.43E-05	2.24E-09	7.82E-10	1.35E-04	2.12E-08	7.39E-09	6.73E-06	1.06E-09	3.70E-10
4558	477863.09, 3859377.25	2.02E-04	3.19E-08	1.11E-08	2.53E-05	3.98E-09	1.39E-09	2.06E-04	3.25E-08	1.13E-08	2.91E-05	4.59E-09	1.60E-09	1.96E-04	3.09E-08	1.08E-08	1.35E-05	2.12E-09	7.39E-10
4559	478363.09, 3859377.25	2.92E-04	4.61E-08	1.61E-08	4.38E-05	6.90E-09	2.41E-09	3.00E-04	4.72E-08	1.65E-08	5.06E-05	7.98E-09	2.78E-09	2.80E-04	4.41E-08	1.53E-08	2.32E-05	3.65E-09	1.27E-09
4560	478863.09, 3859377.25	4.53E-04	7.13E-08	2.48E-08	7.50E-05	1.18E-08	4.12E-09	4.65E-04	7.33E-08	2.55E-08	8.67E-05	1.37E-08	4.76E-09	4.28E-04	6.75E-08	2.35E-08	3.96E-05	6.23E-09	2.17E-09
4561	479363.09, 3859377.25	6.36E-04	1.00E-07	3.49E-08	1.02E-04	1.61E-08	5.61E-09	6.53E-04	1.03E-07	3.59E-08	1.18E-04	1.86E-08	6.49E-09	6.05E-04	9.53E-08	3.32E-08	5.38E-05	8.47E-09	2.95E-09
4562	479863.09, 3859377.25	8.40E-04	1.32E-07	4.61E-08	1.21E-04	1.90E-08	6.63E-09	8.60E-04	1.36E-07	4.72E-08	1.40E-04	2.20E-08	7.67E-09	8.09E-04	1.27E-07	4.44E-08	6.34E-05	9.99E-09	3.48E-09
4563	480363.09, 3859377.25	1.09E-03	1.72E-07	5.98E-08	1.34E-04	2.11E-08	7.34E-09	1.11E-03	1.75E-07	6.10E-08	1.55E-04	2.44E-08	8.49E-09	1.06E-03	1.68E-07	5.84E-08	7.01E-05	1.10E-08	3.85E-09
4564	480863.09, 3859377.25	1.30E-03	2.06E-07	7.16E-08	1.45E-04	2.29E-08	7.98E-09	1.33E-03	2.09E-07	7.30E-08	1.68E-04	2.65E-08	9.24E-09	1.29E-03	2.02E-07	7.05E-08	7.62E-05	1.20E-08	4.18E-09
4565	481363.09, 3859377.25	1.50E-03	2.36E-07	8.22E-08	1.59E-04	2.51E-08	8.73E-09	1.53E-03	2.40E-07	8.37E-08	1.84E-04	2.90E-08	1.01E-08	1.48E-03	2.33E-07	8.13E-08	8.33E-05	1.31E-08	4.57E-09
4566	481863.09, 3859377.25	1.70E-03	2.67E-07	9.31E-08	1.74E-04	2.74E-08	9.53E-09	1.73E-03	2.72E-07	9.48E-08	2.01E-04	3.17E-08	1.10E-08	1.68E-03	2.65E-07	9.23E-08	9.09E-05	1.43E-08	4.99E-09
4567	482363.09, 3859377.25	1.87E-03	2.95E-07	1.03E-07	1.90E-04	2.99E-08	1.04E-08	1.91E-03	3.00E-07	1.05E-07	2.20E-04	3.46E-08	1.21E-08	1.86E-03	2.93E-07	1.02E-07	9.94E-05	1.57E-08	5.46E-09
4568	482863.09, 3859377.25	2.19E-03	3.45E-07	1.20E-07	2.05E-04	3.24E-08	1.13E-08	2.23E-03	3.51E-07	1.22E-07	2.38E-04	3.74E-08	1.30E-08	2.18E-03	3.44E-07	1.20E-07	1.08E-04	1.69E-08	5.90E-09
4569	483363.09, 3859377.25	2.76E-03	4.34E-07	1.51E-07	2.18E-04	3.43E-08	1.20E-08	2.79E-03	4.40E-07	1.53E-07	2.52E-04	3.97E-08	1.38E-08	2.77E-03	4.37E-07	1.52E-07	1.14E-04	1.80E-08	6.26E-09
4570	483863.09, 3859377.25	3.31E-03	5.21E-07	1.82E-07	2.25E-04	3.54E-08	1.23E-08	3.35E-03	5.27E-07	1.84E-07	2.60E-04	4.10E-08	1.43E-08	3.35E-03	5.28E-07	1.84E-07	1.18E-04	1.85E-08	6.46E-09
4571	484363.09, 3859377.25	3.87E-03	6.09E-07	2.12E-07	2.40E-04	3.79E-08	1.32E-08	3.91E-03	6.15E-07	2.14E-07	2.78E-04	4.38E-08	1.53E-08	3.93E-03	6.19E-07	2.16E-07	1.26E-04	1.98E-08	6.91E-09
4572	484863.09, 3859377.25	4.65E-03	7.32E-07	2.55E-07	2.54E-04	4.01E-08	1.40E-08	4.69E-03	7.39E-07	2.57E-07	2.94E-04	4.63E-08	1.61E-08	4.74E-03	7.47E-07	2.60E-07	1.33E-04	2.10E-08	7.31E-09
4573	485363.09, 3859377.25	5.92E-03	9.32E-07	3.25E-07	2.56E-04	4.03E-08	1.41E-08	5.96E-03	9.39E-07	3.27E-07	2.96E-04	4.67E-08	1.63E-08	6.08E-03	9.58E-07	3.34E-07	1.34E-04	2.11E-08	7.37E-09
4574	485863.09, 3859377.25	8.23E-03	1.30E-06	4.52E-07	2.53E-04	3.98E-08	1.39E-08	8.27E-03	1.30E-06	4.54E-07	2.92E-04	4.61E-08	1.60E-08	8.52E-03	1.34E-06	4.68E-07	1.33E-04	2.09E-08	7.29E-09
4575	486363.09, 3859377.25	1.33E-02	2.10E-06	7.32E-07	2.51E-04	3.96E-08	1.38E-08	1.34E-02	2.11E-06	7.35E-07	2.91E-04	4.58E-08	1.60E-08	1.39E-02	2.19E-06	7.64E-07	1.32E-04	2.08E-08	7.26E-09
4576	486863.09, 3859377.25	5.32E-02	8.39E-06	2.92E-06	2.46E-04	3.87E-08	1.35E-08	5.33E-02	8.39E-06	2.92E-06	2.84E-04	4.47E-08	1.56E-08	5.61E-02	8.83E-06	3.08E-06	1.30E-04	2.05E-08	7.14E-09
4577	487363.09, 3859377.25	6.96E-02	1.10E-05	3.82E-06	2.57E-04	4.04E-08	1.41E-08	6.96E-02	1.10E-05	3.82E-06	2.96E-04	4.67E-08	1.63E-08	7.33E-02	1.15E-05	4.02E-06	1.37E-04	2.16E-08	7.51E-09
4578	487863.09, 3859377.25	7.46E-02	1.17E-05	4.09E-06	2.68E-04	4.22E-08	1.47E-08	7.46E-02	1.18E-05	4.09E-06	3.09E-04	4.87E-08	1.70E-08	7.85E-02	1.24E-05	4.31E-06	1.44E-04	2.27E-08	7.89E-09
4579	488363.09, 3859377.25	8.73E-02	1.38E-05	4.79E-06	2.87E-04	4.53E-08	1.58E-08	8.74E-02	1.38E-05	4.80E-06	3.31E-04	5.21E-08	1.81E-08	9.20E-02	1.45E-05	5.05E-06	1.57E-04	2.47E-08	8.60E-09
4580	488863.09, 3859377.25	5.76E-02	9.07E-06	3.16E-06	3.02E-04	4.76E-08	1.66E-08	5.76E-02	9.08E-06	3.16E-06	3.47E-04	5.47E-08	1.91E-08	6.06E-02	9.54E-06	3.32E-06	1.66E-04	2.61E-08	9.10E-09
4581	489363.09, 3859377.25	2.87E-02	4.52E-06	1.58E-06	3.10E-04	4.89E-08	1.70E-08	2.88E-02	4.53E-06	1.58E-06	3.57E-04	5.63E-08	1.96E-08	3.01E-02	4.74E-06	1.65E-06	1.68E-04	2.64E-08	9.20E-09
4582	489863.09, 3859377.25	2.00E-02	3.15E-06	1.10E-06	2.90E-04	4.57E-08	1.59E-08	2.01E-02	3.16E-06	1.10E-06	3.35E-04	5.27E-08	1.84E-08	2.09E-02	3.30E-06	1.15E-06	1.56E-04	2.45E-08	8.54E-09
4583	490363.09, 3859377.25	1.51E-02	2.38E-06	8.30E-07	2.83E-04	4.45E-08	1.55E-08	1.52E-02	2.39E-06	8.33E-07	3.26E-04	5.14E-08	1.79E-08	1.58E-02	2.49E-06	8.66E-07	1.51E-04	2.38E-08	8.28E-09
4584	490863.09, 3859377.25	1.10E-02	1.73E-06	6.03E-07	2.95E-04	4.65E-08	1.62E-08	1.10E-02	1.74E-06	6.06E-07	3.40E-04	5.36E-08	1.87E-08	1.14E-02	1.80E-06	6.26E-07	1.57E-04	2.47E-08	8.60E-09
4585	491363.09, 3859377.25	7.05E-03	1.11E-06	3.87E-07	2.95E-04	4.64E-08	1.62E-08	7.10E-03	1.12E-06	3.89E-07	3.40E-04	5.36E-08	1.87E-08	7.24E-03	1.14E-06	3.97E-07	1.57E-04	2.47E-08	8.59E-09
4586	491863.09, 3859377.25	7.49E-03	1.18E-06	4.11E-07	3.11E-04	4.90E-08	1.71E-08	7.55E-03	1.19E-06	4.14E-07	3.60E-04	5.67E-08	1.97E-08	7.71E-03	1.21E-06	4.23E-07	1.65E-04	2.60E-08	9.05E-09
4587	492363.09, 3859377.25	6.67E-03	1.05E-06	3.66E-07	3.04E-04	4.78E-08	1.67E-08	6.72E-03	1.06E-06	3.69E-07	3.51E-04	5.53E-08	1.93E-08	6.84E-03	1.08E-06	3.75E-07	1.61E-04	2.53E-08	8.82E-09
4588	492863.09, 3859377.25	6.10E-03	9.60E-07	3.35E-07	2.91E-04	4.59E-08	1.60E-08	6.15E-03	9.68E-07	3.37E-07	3.37E-04	5.30E-08	1.85E-08	6.24E-03	9.84E-07	3.43E-07	1.54E-04	2.43E-08	8.47E-09
4589	493363.09, 3859377.25	5.15E-03	8.12E-07	2.83E-07	2.75E-04	4.32E-08	1.51E-08	5.20E-03	8.19E-07	2.85E-07	3.17E-04	5.00E-08	1.74E-08	5.26E-03	8.28E-07	2.88E-07	1.45E-04	2.29E-08	7.98E-09
4590	493863.09, 3859377.25	4.70E-03	7.40E-07	2.58E-07	2.64E-04	4.15E-08	1.45E-08	4.74E-03	7.47E-07	2.60E-07	3.05E-04	4.80E-08	1.67E-08	4.78E-03	7.54E-07	2.63E-07	1.40E-04	2.20E-08	7.67E-09
4591	494363.09, 3859377.25	4.14E-03	6.52E-07	2.27E-07	2.51E-04	3.95E-08	1.38E-08	4.18E-03	6.59E-07	2.29E-07	2.90E-04	4.56E-08	1.59E-08	4.20E-03	6.62E-07	2.31E-07	1.33E-04	2.09E-08	7.29E-09
4592	494863.09, 3859377.25	3.41E-03	5.38E-07	1.87E-07	2.27E-04	3.58E-08	1.25E-08	3.45E-03	5.44E-07	1.89E-07	2.62E-04	4.13E-08	1.44E-08	3.45E-03	5.44E-07	1.89E-07	1.20E-04	1.90E-08	6.61E-09
4593	495363.09, 3859377.25	3.15E-03	4.95E-07	1.73E-07	2.17E-04	3.42E-08	1.19E-08	3.18E-03	5.01E-07	1.75E-07	2.51E-04	3.95E-08	1.38E-08	3.17E-03	5.00E-07	1.74E-07	1.15E-04	1.81E-08	6.32E-09
4594	495863.09, 3859377.25	2.83E-03	4.45E-07	1.55E-07	2.04E-04	3.21E-08	1.12E-08	2.86E-03	4.51E-07	1.57E-07	2.35E-04	3.70E-08	1.29E-08	2.85E-03	4.48E-07	1.56E-07	1.08E-04	1.70E-08	5.93E-09
4595	496363.09, 3859377.25	2.71E-03	4.27E-07	1.49E-07	2.01E-04	3.17E-08	1.10E-08	2.75E-03	4.33E-07	1.51E-07	2.32E-04	3.66E-08	1.27E-08	2.73E-03	4.30E-07	1.50E-07	1.07E-04	1.68E-08	5.85E-09
4596	496863.09, 3859377.25	2.39E-03	3.76E-07	1.31E-07	1.85E-04	2.91E-08	1.01E-08	2.42E-03	3.81E-07	1.33E-07	2.13E-04	3.36E-08	1.17E-08	2.39E-03	3.77E-07	1.31E-07	9.79E-05	1.54E-08	5.37E-09
4597	497363.09, 3859377.25	2.41E-03	3.79E-07	1.32E-07	1.89E-04	2.98E-08	1.04E-08	2.44E-03	3.84E-07	1.34E-07	2.18E-04	3.44E-08	1.20E-08	2.41E-03	3.80E-07	1.32E-07	1.00E-04	1.58E-08	5.50E-09
4598	497863.09, 3859377.25	2.54E-03	4.01E-07	1.40E-07	1.96E-04	3.09E-08	1.08E-08	2.58E-03	4.06E-07	1.41E-07	2.27E-04	3.57E-08	1.24E-08	2.55E-03	4.02E-07	1.40E-07	1.04E-04	1.64E-08	5.70E-09
4599	498363.09, 3859377.25	2.61E-03	4.11E-07	1.43E-07	1.96E-04	3.09E-08	1.08E-08	2.64E-03	4.16E-07	1.45E-07	2.26E-04	3.57E-08	1.24E-08	2.62E-03	4.13E-07	1.44E-07	1.04E-04	1.64E-08	5.70E-09
4600	471363.09, 3859877.25	3.02E-04	4.76E-08	1.66E-08	3.58E-05	5.64E-09	1.96E-09	3.08E-04	4.85E-08	1.69E-08	4.14E-05	6.52E-09	2.27E-09	2.95E-04	4.65E-08	1.62E-08	1.89E-05	2.97E-09	1.04E-09
4601	471863.09, 3859877.25	3.20E-04	5.04E-08	1.76E-08	3.81E-05	6.01E-09	2.09E-09	3.26E-04	5.14E-08	1.79E-08	4.41E-05	6.95E-09	2.42E-09	3.13E-04	4.93E-08	1.72E-08	2.01E-05	3.17E-09	1.10E-09
4602	472363.09, 3859877.25	3.34E-04	5.27E-08	1.84E-08	4.05E-05	6.38E-09	2.22E-09	3.41E-04	5.38E-08	1.87E-08	4.68E-05	7.37E-09	2.57E-09	3.27E-04	5.15E-08	1.79E-08	2.13E-05	3.36E-09	1.17E-09
4603	472863.09, 3859877.25	3.63E-04	5.72E-08	1.99E-08	4.33E-05	6.83E-09	2.38E-09	3.70E-04	5.84E-08	2.03E-08	5.01E-05	7.89E-09	2.75E-09	3.55E-04	5.59E-08	1.95E-08	2.28E-05	3.60E-09	1.25E-09
4604	473363.09, 3859877.25	3.93E-04	6.19E-08	2.16E-08	4.63E-05	7.29E-09	2.54E-09	4.01E-04	6.31E-08	2.20E-08	5.35E-05	8.43E-09	2.94E-09	3.85E-04	6.06E-08	2.11E-08	2.43E-05	3.83E-09	1.34E-09
4605	473863.09, 3859877.25	4.17E-04	6.57E-08	2.29E-08	4.92E-05	7.75E-09	2.70E-09	4.25E-04	6.70E-08	2.33E-08	5.69E-05	8.96E-09	3.12E-09	4.08E-04	6.43E-08	2.24E-08	2.59E-05	4.08E-09	1.42E-09
4606	474363.09, 3859877.25	3.80E-04	5.99E-08	2.09E-08	4.99E-05	7.86E-09	2.74E-09	3.89E-04	6.12E-08	2.13E-08	5.77E-05	9.09E-09	3.17E-09	3.69E-04	5.81E-08	2.02E-08	2.63E-05	4.15E-09	1.45E-09
4607	474863.09, 3859877.25	3.22E-04	5.07E-08	1.77E-08	4.70E-05	7.41E-09	2.58E-09	3.30E-04	5.20E-08	1.81E-08	5.43E-05	8.56E-09	2.98E-09	3.09E-04	4.87E-08	1.70E-08	2.48E-05	3.91E-09	1.36E-09
4608	475363.09, 3859877.25	2.10E-04	3.30E-08	1.15E-08	3.10E-05	4.88E-09	1.70E-09	2.15E-04	3.38E-08	1.18E-08	3.58E-05	5.64E-09	1.97E-09	2.01E-04	3.16E-08	1.10E-08	1.64E-05	2.59E-09	9.01E-10
4609	475863.09, 3859877.25	1.37E-04	2.15E-08	7.50E-09	1.50E-05	2.36E-09	8.24E-10	1.39E-04	2.19E-08	7.64E-09	1.73E-05	2.72E-09	9.49E-10	1.34E-04	2.11E-08	7.34E-09	8.06E-06	1.27E-09	4.43E-10
4610	476363.09, 3859877.25	1.05E-04	1.66E-08	5.78E-09	8.82E-06	1.39E-09	4.84E-10	1.07E-04	1.68E-08	5.86E-09	1.01E-05	1.60E-09	5.56E-10	1.04E-04	1.65E-08	5.73E-09	4.84E-06	7.63E-10	2.66E-10
4611	476863.09, 3859877.25	1.19E-04	1.87E-08	6.53E-09	1.04E-05	1.64E-09	5.71E-10	1.21E-04	1.90E-08	6.62E-09	1.20E-05	1.88E-09	6.57E-10	1.18E-04	1.85E-08	6.46E-09	5.69E-06	8.97E-10	3.12E-10
4612	477363.09, 3859877.25	1.28E-04	2.01E-08	7.00E-09	1.14E-05	1.80E-09	6.28E-10	1.29E-04	2.04E-08	7.11E-09	1.32E-05	2.07E-09	7.22E-10	1.26E-04	1.99E-08	6.93E-09	6.25E-06	9.84E-10	3.43E-10
4613	477863.09, 3859877.25	1.86E-04	2.93E-08	1.02E-08	2.24E-05	3.53E-09	1.23E-09	1.89E-04	2.98E-08	1.04E-08	2.58E-05	4.07E-09	1.42E-09	1.81E-04	2.84E-08	9.91E-09	1.20E-05	1.89E-09	6.58E-10
4614	478363.09, 3859877.25	2.92E-04	4.61E-08	1.60E-08	4.39E-05	6.92E-09	2.41E-09	3.00E-04	4.72E-08	1.65E-08	5.07E-05	7.99E-09	2.79E-09	2.79E-04	4.40E-08	1.53E-08	2.33E-05	3.67E-09	1.28E-09
4615	478863.09, 3859877.25	4.60E-04	7.25E-08	2.52E-08	7.24E-05	1.14E-08	3.97E-09	4.72E-04	7.44E-08	2.59E-08	8.36E-05	1.32E-08	4.59E-09	4.37E-04	6.89E-08	2.40E-08	3.83E-05	6.03E-09	2.10E-09
4616	479363.09, 3859877.25	6.70E-04	1.06E-07	3.68E-08	9.70E-05	1.53E-08	5.32E-09	6.87E-04	1.08E-07	3.77E-08	1.12E-04	1.77E-08	6.15E-09	6.44E-04	1.01E-07	3.53E-08	5.11E-05	8.05E-09	2.81E-09
4617	479863.09, 3859877.25	8.70E-04	1.37E-07	4.77E-08	1.10E-04	1.73E-08	6.02E-09	8.89E-04	1.40E-07	4.88E-08	1.27E-04	2.00E-08	6.96E-09	8.48E-04	1.34E-07	4.65E-08	5.76E-05	9.08E-09	3.16E-09
4618	480363.09, 3859877.25	1.09E-03	1.72E-07	6.00E-08	1.19E-04	1.88E-08	6.55E-09	1.11E-03	1.76E-07	6.12E-08	1.38E-04	2.17E-08	7.58E-09	1.08E-03	1.70E-07	5.92E-08	6.26E-05	9.86E-09	3.44E-09
4619	480863.09, 3859877.25	1.27E-03	2.01E-07	7.00E-08	1.29E-04	2.03E-08	7.08E-09	1.30E-03	2.04E-07	7.12E-08	1.49E-04	2.35E-08	8.20E-09	1.26E-03	1.99E-07	6.93E-08	6.77E-05	1.07E-08	3.71E-09

4620	481363.09, 3859877.25	1.44E-03	2.27E-07	7.91E-08	1.38E-04	2.17E-08	7.56E-09	1.46E-03	2.31E-07	8.04E-08	1.59E-04	2.51E-08	8.75E-09	1.43E-03	2.26E-07	7.86E-08	7.22E-05	1.14E-08	3.97E-09
4621	481863.09, 3859877.25	1.61E-03	2.53E-07	8.81E-08	1.48E-04	2.33E-08	8.10E-09	1.63E-03	2.57E-07	8.95E-08	1.71E-04	2.69E-08	9.37E-09	1.60E-03	2.52E-07	8.79E-08	7.74E-05	1.22E-08	4.25E-09
4622	482363.09, 3859877.25	1.80E-03	2.84E-07	9.89E-08	1.61E-04	2.53E-08	8.82E-09	1.83E-03	2.88E-07	1.00E-07	1.86E-04	2.93E-08	1.02E-08	1.80E-03	2.84E-07	9.88E-08	8.42E-05	1.33E-08	4.62E-09
4623	482863.09, 3859877.25	2.04E-03	3.21E-07	1.12E-07	1.74E-04	2.75E-08	9.57E-09	2.07E-03	3.26E-07	1.14E-07	2.02E-04	3.18E-08	1.11E-08	2.04E-03	3.22E-07	1.12E-07	9.13E-05	1.44E-08	5.01E-09
4624	483363.09, 3859877.25	2.32E-03	3.66E-07	1.28E-07	1.88E-04	2.95E-08	1.03E-08	2.36E-03	3.71E-07	1.29E-07	2.17E-04	3.42E-08	1.19E-08	2.33E-03	3.68E-07	1.28E-07	9.82E-05	1.55E-08	5.39E-09
4625	483863.09, 3859877.25	2.87E-03	4.52E-07	1.57E-07	1.91E-04	3.00E-08	1.05E-08	2.90E-03	4.57E-07	1.59E-07	2.21E-04	3.48E-08	1.21E-08	2.91E-03	4.58E-07	1.60E-07	9.99E-05	1.57E-08	5.48E-09
4626	484363.09, 3859877.25	3.31E-03	5.21E-07	1.81E-07	1.99E-04	3.13E-08	1.09E-08	3.34E-03	5.26E-07	1.83E-07	2.30E-04	3.62E-08	1.26E-08	3.36E-03	5.30E-07	1.85E-07	1.04E-04	1.64E-08	5.71E-09
4627	484863.09, 3859877.25	3.89E-03	6.12E-07	2.13E-07	2.04E-04	3.21E-08	1.12E-08	3.92E-03	6.18E-07	2.15E-07	2.36E-04	3.71E-08	1.29E-08	3.97E-03	6.26E-07	2.18E-07	1.07E-04	1.68E-08	5.86E-09
4628	485363.09, 3859877.25	4.71E-03	7.42E-07	2.58E-07	2.01E-04	3.17E-08	1.10E-08	4.74E-03	7.47E-07	2.60E-07	2.33E-04	3.67E-08	1.28E-08	4.84E-03	7.63E-07	2.66E-07	1.06E-04	1.66E-08	5.79E-09
4629	485863.09, 3859877.25	5.96E-03	9.39E-07	3.27E-07	1.97E-04	3.10E-08	1.08E-08	6.00E-03	9.44E-07	3.29E-07	2.28E-04	3.59E-08	1.25E-08	6.17E-03	9.72E-07	3.39E-07	1.03E-04	1.63E-08	5.67E-09
4630	486363.09, 3859877.25	7.69E-03	1.21E-06	4.22E-07	1.95E-04	3.07E-08	1.07E-08	7.72E-03	1.22E-06	4.24E-07	2.26E-04	3.55E-08	1.24E-08	8.00E-03	1.26E-06	4.39E-07	1.03E-04	1.61E-08	5.63E-09
4631	486863.09, 3859877.25	1.02E-02	1.61E-06	5.60E-07	1.94E-04	3.05E-08	1.06E-08	1.02E-02	1.61E-06	5.62E-07	2.24E-04	3.53E-08	1.23E-08	1.07E-02	1.68E-06	5.85E-07	1.02E-04	1.61E-08	5.60E-09
4632	487363.09, 3859877.25	1.50E-02	2.36E-06	8.22E-07	1.97E-04	3.10E-08	1.08E-08	1.50E-02	2.36E-06	8.23E-07	2.27E-04	3.58E-08	1.25E-08	1.57E-02	2.47E-06	8.60E-07	1.04E-04	1.64E-08	5.71E-09
4633	487863.09, 3859877.25	6.21E-02	9.79E-06	3.41E-06	2.08E-04	3.28E-08	1.14E-08	6.22E-02	9.79E-06	3.41E-06	2.40E-04	3.78E-08	1.32E-08	6.55E-02	1.03E-05	3.59E-06	1.12E-04	1.77E-08	6.15E-09
4634	488363.09, 3859877.25	7.69E-02	1.21E-05	4.22E-06	2.20E-04	3.47E-08	1.21E-08	7.70E-02	1.21E-05	4.22E-06	2.53E-04	3.98E-08	1.39E-08	8.11E-02	1.28E-05	4.45E-06	1.21E-04	1.91E-08	6.64E-09
4635	488863.09, 3859877.25	3.37E-02	5.30E-06	1.85E-06	2.40E-04	3.79E-08	1.32E-08	3.37E-02	5.31E-06	1.85E-06	2.74E-04	4.32E-08	1.51E-08	3.54E-02	5.57E-06	1.94E-06	1.37E-04	2.16E-08	7.52E-09
4636	489363.09, 3859877.25	2.44E-02	3.84E-06	1.34E-06	2.35E-04	3.71E-08	1.29E-08	2.44E-02	3.85E-06	1.34E-06	2.70E-04	4.26E-08	1.48E-08	2.56E-02	4.03E-06	1.40E-06	1.29E-04	2.03E-08	7.07E-09
4637	489863.09, 3859877.25	1.91E-02	3.00E-06	1.05E-06	2.40E-04	3.78E-08	1.32E-08	1.91E-02	3.01E-06	1.05E-06	2.76E-04	4.35E-08	1.52E-08	2.00E-02	3.15E-06	1.10E-06	1.29E-04	2.03E-08	7.07E-09
4638	490363.09, 3859877.25	1.55E-02	2.44E-06	8.49E-07	2.24E-04	3.53E-08	1.23E-08	1.55E-02	2.44E-06	8.51E-07	2.59E-04	4.07E-08	1.42E-08	1.62E-02	2.55E-06	8.88E-07	1.20E-04	1.89E-08	6.57E-09
4639	490863.09, 3859877.25	1.24E-02	1.95E-06	6.80E-07	2.16E-04	3.41E-08	1.19E-08	1.24E-02	1.96E-06	6.82E-07	2.50E-04	3.93E-08	1.37E-08	1.29E-02	2.04E-06	7.10E-07	1.15E-04	1.81E-08	6.32E-09
4640	491363.09, 3859877.25	1.04E-02	1.64E-06	5.71E-07	2.17E-04	3.41E-08	1.19E-08	1.04E-02	1.65E-06	5.73E-07	2.50E-04	3.94E-08	1.37E-08	1.09E-02	1.71E-06	5.96E-07	1.15E-04	1.81E-08	6.31E-09
4641	491863.09, 3859877.25	8.80E-03	1.39E-06	4.83E-07	2.26E-04	3.57E-08	1.24E-08	8.84E-03	1.39E-06	4.85E-07	2.61E-04	4.12E-08	1.43E-08	9.14E-03	1.44E-06	5.02E-07	1.20E-04	1.89E-08	6.57E-09
4642	492363.09, 3859877.25	7.59E-03	1.20E-06	4.16E-07	2.37E-04	3.74E-08	1.30E-08	7.63E-03	1.20E-06	4.19E-07	2.74E-04	4.32E-08	1.50E-08	7.85E-03	1.24E-06	4.31E-07	1.25E-04	1.97E-08	6.88E-09
4643	492863.09, 3859877.25	6.43E-03	1.01E-06	3.53E-07	2.42E-04	3.81E-08	1.33E-08	6.47E-03	1.02E-06	3.55E-07	2.79E-04	4.40E-08	1.53E-08	6.63E-03	1.04E-06	3.64E-07	1.28E-04	2.01E-08	7.00E-09
4644	493363.09, 3859877.25	5.65E-03	8.90E-07	3.10E-07	2.37E-04	3.74E-08	1.30E-08	5.69E-03	8.97E-07	3.12E-07	2.74E-04	4.32E-08	1.50E-08	5.81E-03	9.16E-07	3.19E-07	1.25E-04	1.97E-08	6.87E-09
4645	493863.09, 3859877.25	5.02E-03	7.90E-07	2.75E-07	2.29E-04	3.61E-08	1.26E-08	5.06E-03	7.97E-07	2.78E-07	2.65E-04	4.17E-08	1.45E-08	5.15E-03	8.11E-07	2.83E-07	1.21E-04	1.90E-08	6.63E-09
4646	494363.09, 3859877.25	4.39E-03	6.92E-07	2.41E-07	2.19E-04	3.45E-08	1.20E-08	4.43E-03	6.98E-07	2.43E-07	2.53E-04	3.99E-08	1.39E-08	4.49E-03	7.08E-07	2.46E-07	1.16E-04	1.82E-08	6.35E-09
4647	494863.09, 3859877.25	4.02E-03	6.33E-07	2.21E-07	2.11E-04	3.33E-08	1.16E-08	4.06E-03	6.39E-07	2.23E-07	2.44E-04	3.84E-08	1.34E-08	4.10E-03	6.47E-07	2.25E-07	1.12E-04	1.76E-08	6.12E-09
4648	495363.09, 3859877.25	3.61E-03	5.69E-07	1.98E-07	2.04E-04	3.21E-08	1.12E-08	3.65E-03	5.75E-07	2.00E-07	2.35E-04	3.71E-08	1.29E-08	3.68E-03	5.80E-07	2.02E-07	1.08E-04	1.70E-08	5.91E-09
4649	495863.09, 3859877.25	3.24E-03	5.11E-07	1.78E-07	1.96E-04	3.09E-08	1.08E-08	3.28E-03	5.16E-07	1.80E-07	2.27E-04	3.57E-08	1.24E-08	3.30E-03	5.19E-07	1.81E-07	1.04E-04	1.64E-08	5.70E-09
4650	496363.09, 3859877.25	2.79E-03	4.40E-07	1.53E-07	1.84E-04	2.90E-08	1.01E-08	2.83E-03	4.45E-07	1.55E-07	2.13E-04	3.35E-08	1.17E-08	2.83E-03	4.45E-07	1.55E-07	9.76E-05	1.54E-08	5.36E-09
4651	496863.09, 3859877.25	2.08E-03	3.28E-07	1.14E-07	1.49E-04	2.35E-08	8.20E-09	2.10E-03	3.32E-07	1.16E-07	1.73E-04	2.72E-08	9.47E-09	2.10E-03	3.30E-07	1.15E-07	7.92E-05	1.25E-08	4.34E-09
4652	497363.09, 3859877.25	2.38E-03	3.74E-07	1.30E-07	1.69E-04	2.67E-08	9.29E-09	2.40E-03	3.79E-07	1.32E-07	1.95E-04	3.08E-08	1.07E-08	2.39E-03	3.77E-07	1.31E-07	8.96E-05	1.41E-08	4.92E-09
4653	497863.09, 3859877.25	2.61E-03	4.11E-07	1.43E-07	1.75E-04	2.76E-08	9.61E-09	2.64E-03	4.16E-07	1.45E-07	2.02E-04	3.19E-08	1.11E-08	2.64E-03	4.16E-07	1.45E-07	9.26E-05	1.46E-08	5.08E-09
4654	498363.09, 3859877.25	2.65E-03	4.17E-07	1.45E-07	1.73E-04	2.73E-08	9.51E-09	2.68E-03	4.22E-07	1.47E-07	2.00E-04	3.15E-08	1.10E-08	2.68E-03	4.22E-07	1.47E-07	9.16E-05	1.44E-08	5.03E-09
4655	471363.09, 3860377.25	3.15E-04	4.96E-08	1.73E-08	3.66E-05	5.77E-09	2.01E-09	3.21E-04	5.06E-08	1.76E-08	4.24E-05	6.67E-09	2.32E-09	3.09E-04	4.86E-08	1.69E-08	1.93E-05	3.04E-09	1.06E-09
4656	471863.09, 3860377.25	3.33E-04	5.25E-08	1.83E-08	3.88E-05	6.11E-09	2.13E-09	3.40E-04	5.35E-08	1.86E-08	4.48E-05	7.07E-09	2.46E-09	3.26E-04	5.14E-08	1.79E-08	2.04E-05	3.22E-09	1.12E-09
4657	472363.09, 3860377.25	3.57E-04	5.62E-08	1.96E-08	4.12E-05	6.48E-09	2.26E-09	3.64E-04	5.73E-08	2.00E-08	4.76E-05	7.50E-09	2.61E-09	3.50E-04	5.52E-08	1.92E-08	2.17E-05	3.41E-09	1.19E-09
4658	472863.09, 3860377.25	3.86E-04	6.08E-08	2.12E-08	4.38E-05	6.90E-09	2.40E-09	3.94E-04	6.20E-08	2.16E-08	5.06E-05	7.98E-09	2.78E-09	3.79E-04	5.98E-08	2.08E-08	2.30E-05	3.63E-09	1.26E-09
4659	473363.09, 3860377.25	4.13E-04	6.50E-08	2.26E-08	4.67E-05	7.36E-09	2.57E-09	4.21E-04	6.63E-08	2.31E-08	5.41E-05	8.52E-09	2.97E-09	4.06E-04	6.39E-08	2.23E-08	2.46E-05	3.87E-09	1.35E-09
4660	473863.09, 3860377.25	4.32E-04	6.81E-08	2.37E-08	5.03E-05	7.92E-09	2.76E-09	4.41E-04	6.95E-08	2.42E-08	5.81E-05	9.16E-09	3.19E-09	4.24E-04	6.68E-08	2.33E-08	2.64E-05	4.16E-09	1.45E-09
4661	474363.09, 3860377.25	4.29E-04	6.75E-08	2.35E-08	5.38E-05	8.48E-09	2.95E-09	4.38E-04	6.90E-08	2.40E-08	6.23E-05	9.81E-09	3.42E-09	4.18E-04	6.58E-08	2.29E-08	2.83E-05	4.46E-09	1.55E-09
4662	474863.09, 3860377.25	4.14E-04	6.53E-08	2.27E-08	5.64E-05	8.88E-09	3.10E-09	4.24E-04	6.68E-08	2.33E-08	6.52E-05	1.03E-08	3.58E-09	4.00E-04	6.31E-08	2.20E-08	2.98E-05	4.69E-09	1.63E-09
4663	475363.09, 3860377.25	3.62E-04	5.70E-08	1.99E-08	5.37E-05	8.46E-09	2.95E-09	3.71E-04	5.85E-08	2.04E-08	6.20E-05	9.77E-09	3.41E-09	3.46E-04	5.46E-08	1.90E-08	2.84E-05	4.48E-09	1.56E-09
4664	475863.09, 3860377.25	3.00E-04	4.72E-08	1.65E-08	4.64E-05	7.31E-09	2.55E-09	3.08E-04	4.85E-08	1.69E-08	5.36E-05	8.45E-09	2.94E-09	2.85E-04	4.50E-08	1.57E-08	2.46E-05	3.87E-09	1.35E-09
4665	476363.09, 3860377.25	2.40E-04	3.77E-08	1.31E-08	3.61E-05	5.68E-09	1.98E-09	2.46E-04	3.87E-08	1.35E-08	4.16E-05	6.56E-09	2.29E-09	2.29E-04	3.60E-08	1.25E-08	1.91E-05	3.01E-09	1.05E-09
4666	476863.09, 3860377.25	2.22E-04	3.50E-08	1.22E-08	3.20E-05	5.04E-09	1.75E-09	2.28E-04	3.59E-08	1.25E-08	3.69E-05	5.81E-09	2.03E-09	2.13E-04	3.35E-08	1.17E-08	1.70E-05	2.68E-09	9.32E-10
4667	477363.09, 3860377.25	1.62E-04	2.54E-08	8.87E-09	1.83E-05	2.89E-09	1.01E-09	1.65E-04	2.59E-08	9.03E-09	2.11E-05	3.33E-09	1.16E-09	1.58E-04	2.48E-08	8.64E-09	9.86E-06	1.55E-09	5.41E-10
4668	477863.09, 3860377.25	1.92E-04	3.03E-08	1.06E-08	2.42E-05	3.82E-09	1.33E-09	1.96E-04	3.09E-08	1.08E-08	2.80E-05	4.40E-09	1.53E-09	1.86E-04	2.93E-08	1.02E-08	1.30E-05	2.04E-09	7.12E-10
4669	478363.09, 3860377.25	3.17E-04	5.00E-08	1.74E-08	4.83E-05	7.61E-09	2.65E-09	3.25E-04	5.12E-08	1.79E-08	5.58E-05	8.79E-09	3.06E-09	3.02E-04	4.76E-08	1.66E-08	2.56E-05	4.04E-09	1.41E-09
4670	478863.09, 3860377.25	4.50E-04	7.09E-08	2.47E-08	6.97E-05	1.10E-08	3.82E-09	4.62E-04	7.28E-08	2.53E-08	8.05E-05	1.27E-08	4.42E-09	4.29E-04	6.76E-08	2.35E-08	3.68E-05	5.80E-09	2.02E-09
4671	479363.09, 3860377.25	6.37E-04	1.00E-07	3.49E-08	8.82E-05	1.39E-08	4.84E-09	6.52E-04	1.03E-07	3.58E-08	1.02E-04	1.61E-08	5.60E-09	6.15E-04	9.68E-08	3.37E-08	4.64E-05	7.32E-09	2.55E-09
4672	479863.09, 3860377.25	8.61E-04	1.36E-07	4.72E-08	9.91E-05	1.56E-08	5.44E-09	8.78E-04	1.38E-07	4.82E-08	1.15E-04	1.80E-08	6.29E-09	8.45E-04	1.33E-07	4.64E-08	5.21E-05	8.20E-09	2.86E-09
4673	480363.09, 3860377.25	1.06E-03	1.68E-07	5.84E-08	1.06E-04	1.67E-08	5.81E-09	1.08E-03	1.70E-07	5.94E-08	1.22E-04	1.93E-08	6.72E-09	1.05E-03	1.66E-07	5.79E-08	5.56E-05	8.76E-09	3.05E-09
4674	480863.09, 3860377.25	1.22E-03	1.92E-07	6.70E-08	1.12E-04	1.76E-08	6.12E-09	1.24E-03	1.95E-07	6.81E-08	1.29E-04	2.03E-08	7.08E-09	1.22E-03	1.92E-07	6.68E-08	5.85E-05	9.22E-09	3.21E-09
4675	481363.09, 3860377.25	1.36E-03	2.14E-07	7.45E-08	1.19E-04	1.87E-08	6.52E-09	1.38E-03	2.17E-07	7.56E-08	1.37E-04	2.17E-08	7.54E-09	1.36E-03	2.14E-07	7.44E-08	6.24E-05	9.82E-09	3.42E-09
4676	481863.09, 3860377.25	1.53E-03	2.41E-07	8.40E-08	1.30E-04	2.04E-08	7.11E-09	1.55E-03	2.45E-07	8.52E-08	1.50E-04	2.36E-08	8.23E-09	1.53E-03	2.42E-07	8.42E-08	6.80E-05	1.07E-08	3.73E-09
4677	482363.09, 3860377.25	1.69E-03	2.66E-07	9.27E-08	1.41E-04	2.23E-08	7.75E-09	1.71E-03	2.70E-07	9.40E-08	1.63E-04	2.57E-08	8.97E-09	1.69E-03	2.67E-07	9.29E-08	7.40E-05	1.17E-08	4.06E-09
4678	482863.09, 3860377.25	1.86E-03	2.93E-07	1.02E-07	1.50E-04	2.37E-08	8.25E-09	1.88E-03	2.97E-07	1.03E-07	1.74E-04	2.74E-08	9.55E-09	1.87E-03	2.94E-07	1.02E-07	7.88E-05	1.24E-08	4.32E-09
4679	483363.09, 3860377.25	2.14E-03	3.37E-07	1.18E-07	1.60E-04	2.51E-08	8.76E-09	2.17E-03	3.42E-07	1.19E-07	1.85E-04	2.91E-08	1.01E-08	2.16E-03	3.40E-07	1.19E-07	8.36E-05	1.32E-08	4.59E-09
4680	483863.09, 3860377.25	2.39E-03	3.77E-07	1.31E-07	1.69E-04	2.67E-08	9.30E-09	2.42E-03	3.81E-07	1.33E-07	1.96E-04	3.09E-08	1.08E-08	2.42E-03	3.81E-07	1.33E-07	8.88E-05	1.40E-08	4.87E-09
4681	484363.09, 3860377.25	2.80E-03	4.40E-07	1.53E-07	1.67E-04	2.62E-08	9.14E-09	2.82E-03	4.45E-07	1.55E-07	1.93E-04	3.03E-08	1.06E-08	2.84E-03	4.48E-07	1.56E-07	8.73E-05	1.38E-08	4.79E-09
4682	484863.09, 3860377.25	3.21E-03	5.05E-07	1.76E-07	1.68E-04	2.64E-08	9.20E-09	3.24E-03	5.10E-07	1.78E-07	1.94E-04	3.06E-08	1.06E-08	3.28E-03	5.16E-07	1.80E-07	8.79E-05	1.39E-08	4.83E-09
4683	485363.09, 3860377.25	3.75E-03	5.90E-07	2.06E-07	1.62E-04	2.55E-08	8.87E-09	3.77E-03	5.94E-07	2.07E-07	1.87E-04	2.95E-08	1.03E-08	3.85E-03	6.07E-07	2.11E-07	8.48E-05	1.34E-08	4.65E-09
4684	485863.09, 3860377.25	4.50E-03	7.09E-07	2.47E-07	1.60E-04	2.51E-08	8.75E-09	4.53E-03	7.13E-07	2.49E-07	1.85E-04	2.91E-08	1.01E-08	4.65E-03	7.33E-07	2.55E-07	8.37E-05	1.32E-08	4.59E-09
4685	486363.09, 3860377.25	5.45E-03	8.58E-07	2.99E-07	1.56E-04	2.46E-08	8.58E-09	5.47E-03	8.62E-07	3.00E-07	1.81E-04	2.85E-08	9.93E-09	5.65E-03	8.90E-07	3.10E-07	8.21E-05	1.29E-08	4.51E-09
4686	486863.09, 3860377.25	6.86E-03	1.08E-06	3.76E-07	1.54E-04	2.43E-08	8.48E-09	6.88E-03	1.08E-06	3.78E-07	1.79E-04	2.81E-08	9.80E-09	7.14E-03	1.13E-06	3.92E-07	8.12E-05	1.28E-08	4.46E-09

4687	487363.09, 3860377.25	1.05E-02	1.66E-06	5.78E-07	1.56E-04	2.46E-08	8.58E-09	1.06E-02	1.66E-06	5.79E-07	1.81E-04	2.85E-08	9.92E-09	1.10E-02	1.73E-06	6.04E-07	8.25E-05	1.30E-08	4.53E-09
4688	487863.09, 3860377.25	5.25E-02	8.26E-06	2.88E-06	1.63E-04	2.57E-08	8.96E-09	5.25E-02	8.27E-06	2.88E-06	1.88E-04	2.97E-08	1.03E-08	5.53E-02	8.71E-06	3.03E-06	8.71E-05	1.37E-08	4.78E-09
4689	488363.09, 3860377.25	7.47E-02	1.18E-05	4.10E-06	1.71E-04	2.70E-08	9.41E-09	7.47E-02	1.18E-05	4.10E-06	1.97E-04	3.10E-08	1.08E-08	7.88E-02	1.24E-05	4.32E-06	9.39E-05	1.48E-08	5.15E-09
4690	488863.09, 3860377.25	8.16E-02	1.28E-05	4.48E-06	1.82E-04	2.86E-08	9.96E-09	8.16E-02	1.29E-05	4.48E-06	2.08E-04	3.28E-08	1.14E-08	8.60E-02	1.35E-05	4.72E-06	1.00E-04	1.58E-08	5.51E-09
4691	489363.09, 3860377.25	3.67E-02	5.78E-06	2.01E-06	1.79E-04	2.83E-08	9.85E-09	3.67E-02	5.78E-06	2.01E-06	2.07E-04	3.26E-08	1.13E-08	3.86E-02	6.08E-06	2.12E-06	9.65E-05	1.52E-08	5.30E-09
4692	489863.09, 3860377.25	1.92E-02	3.02E-06	1.05E-06	1.82E-04	2.87E-08	1.00E-08	1.92E-02	3.03E-06	1.06E-06	2.10E-04	3.31E-08	1.15E-08	2.01E-02	3.17E-06	1.11E-06	9.72E-05	1.53E-08	5.33E-09
4693	490363.09, 3860377.25	1.36E-02	2.15E-06	7.49E-07	1.88E-04	2.96E-08	1.03E-08	1.37E-02	2.15E-06	7.50E-07	2.17E-04	3.42E-08	1.19E-08	1.43E-02	2.25E-06	7.84E-07	9.97E-05	1.57E-08	5.47E-09
4694	490863.09, 3860377.25	1.07E-02	1.69E-06	5.89E-07	1.79E-04	2.82E-08	9.83E-09	1.08E-02	1.70E-06	5.91E-07	2.07E-04	3.26E-08	1.14E-08	1.12E-02	1.77E-06	6.16E-07	9.48E-05	1.49E-08	5.20E-09
4695	491363.09, 3860377.25	8.85E-03	1.39E-06	4.85E-07	1.67E-04	2.63E-08	9.17E-09	8.87E-03	1.40E-06	4.87E-07	1.93E-04	3.04E-08	1.06E-08	9.23E-03	1.45E-06	5.07E-07	8.84E-05	1.39E-08	4.85E-09
4696	491863.09, 3860377.25	7.58E-03	1.19E-06	4.16E-07	1.66E-04	2.61E-08	9.10E-09	7.61E-03	1.20E-06	4.18E-07	1.92E-04	3.02E-08	1.05E-08	7.90E-03	1.24E-06	4.33E-07	8.76E-05	1.38E-08	4.81E-09
4697	492363.09, 3860377.25	6.66E-03	1.05E-06	3.66E-07	1.72E-04	2.71E-08	9.46E-09	6.69E-03	1.05E-06	3.67E-07	1.99E-04	3.14E-08	1.09E-08	6.92E-03	1.09E-06	3.80E-07	9.10E-05	1.43E-08	5.00E-09
4698	492863.09, 3860377.25	5.92E-03	9.32E-07	3.25E-07	1.80E-04	2.83E-08	9.87E-09	5.95E-03	9.37E-07	3.27E-07	2.08E-04	3.27E-08	1.14E-08	6.13E-03	9.66E-07	3.37E-07	9.49E-05	1.49E-08	5.21E-09
4699	493363.09, 3860377.25	5.26E-03	8.29E-07	2.89E-07	1.90E-04	3.00E-08	1.04E-08	5.30E-03	8.34E-07	2.91E-07	2.20E-04	3.47E-08	1.21E-08	5.43E-03	8.56E-07	2.98E-07	1.00E-04	1.58E-08	5.51E-09
4700	493863.09, 3860377.25	4.82E-03	7.59E-07	2.64E-07	1.91E-04	3.01E-08	1.05E-08	4.85E-03	7.64E-07	2.66E-07	2.21E-04	3.48E-08	1.21E-08	4.96E-03	7.81E-07	2.72E-07	1.01E-04	1.59E-08	5.53E-09
4701	494363.09, 3860377.25	4.34E-03	6.84E-07	2.38E-07	1.89E-04	2.98E-08	1.04E-08	4.38E-03	6.90E-07	2.40E-07	2.19E-04	3.45E-08	1.20E-08	4.46E-03	7.03E-07	2.45E-07	9.98E-05	1.57E-08	5.48E-09
4702	494863.09, 3860377.25	4.03E-03	6.35E-07	2.21E-07	1.83E-04	2.88E-08	1.00E-08	4.06E-03	6.40E-07	2.23E-07	2.11E-04	3.33E-08	1.16E-08	4.13E-03	6.51E-07	2.27E-07	9.64E-05	1.52E-08	5.29E-09
4703	495363.09, 3860377.25	3.67E-03	5.78E-07	2.01E-07	1.78E-04	2.80E-08	9.76E-09	3.70E-03	5.83E-07	2.03E-07	2.06E-04	3.24E-08	1.13E-08	3.76E-03	5.92E-07	2.06E-07	9.38E-05	1.48E-08	5.15E-09
4704	495863.09, 3860377.25	3.20E-03	5.04E-07	1.76E-07	1.72E-04	2.71E-08	9.45E-09	3.23E-03	5.09E-07	1.77E-07	1.99E-04	3.13E-08	1.09E-08	3.27E-03	5.15E-07	1.79E-07	9.08E-05	1.43E-08	4.98E-09
4705	496363.09, 3860377.25	2.77E-03	4.37E-07	1.52E-07	1.65E-04	2.60E-08	9.05E-09	2.80E-03	4.41E-07	1.54E-07	1.91E-04	3.00E-08	1.05E-08	2.82E-03	4.44E-07	1.55E-07	8.71E-05	1.37E-08	4.78E-09
4706	496863.09, 3860377.25	2.45E-03	3.86E-07	1.34E-07	1.58E-04	2.48E-08	8.65E-09	2.47E-03	3.90E-07	1.36E-07	1.82E-04	2.87E-08	1.00E-08	2.48E-03	3.91E-07	1.36E-07	8.34E-05	1.31E-08	4.58E-09
4707	497363.09, 3860377.25	2.11E-03	3.33E-07	1.16E-07	1.47E-04	2.31E-08	8.04E-09	2.14E-03	3.37E-07	1.17E-07	1.69E-04	2.67E-08	9.29E-09	2.13E-03	3.36E-07	1.17E-07	7.76E-05	1.22E-08	4.26E-09
4708	497863.09, 3860377.25	2.32E-03	3.66E-07	1.28E-07	1.53E-04	2.40E-08	8.38E-09	2.35E-03	3.70E-07	1.29E-07	1.76E-04	2.78E-08	9.68E-09	2.35E-03	3.71E-07	1.29E-07	8.07E-05	1.27E-08	4.43E-09
4709	498363.09, 3860377.25	2.43E-03	3.83E-07	1.33E-07	1.52E-04	2.39E-08	8.33E-09	2.46E-03	3.87E-07	1.35E-07	1.75E-04	2.76E-08	9.63E-09	2.47E-03	3.89E-07	1.35E-07	8.02E-05	1.26E-08	4.40E-09
4710	471363.09, 3860877.25	3.31E-04	5.22E-08	1.82E-08	3.71E-05	5.85E-09	2.04E-09	3.38E-04	5.32E-08	1.85E-08	4.29E-05	6.76E-09	2.36E-09	3.26E-04	5.13E-08	1.79E-08	1.96E-05	3.08E-09	1.07E-09
4711	471863.09, 3860877.25	3.52E-04	5.55E-08	1.93E-08	3.92E-05	6.18E-09	2.15E-09	3.59E-04	5.65E-08	1.97E-08	4.53E-05	7.14E-09	2.49E-09	3.46E-04	5.46E-08	1.90E-08	2.06E-05	3.25E-09	1.13E-09
4712	472363.09, 3860877.25	3.73E-04	5.88E-08	2.05E-08	4.17E-05	6.56E-09	2.29E-09	3.80E-04	5.99E-08	2.09E-08	4.82E-05	7.59E-09	2.64E-09	3.67E-04	5.78E-08	2.01E-08	2.19E-05	3.46E-09	1.20E-09
4713	472863.09, 3860877.25	3.98E-04	6.28E-08	2.19E-08	4.47E-05	7.04E-09	2.45E-09	4.06E-04	6.40E-08	2.23E-08	5.17E-05	8.14E-09	2.84E-09	3.92E-04	6.17E-08	2.15E-08	2.35E-05	3.70E-09	1.29E-09
4714	473363.09, 3860877.25	4.19E-04	6.59E-08	2.30E-08	4.81E-05	7.57E-09	2.64E-09	4.27E-04	6.72E-08	2.34E-08	5.56E-05	8.76E-09	3.05E-09	4.11E-04	6.47E-08	2.25E-08	2.53E-05	3.98E-09	1.39E-09
4715	473863.09, 3860877.25	4.37E-04	6.89E-08	2.40E-08	5.16E-05	8.12E-09	2.83E-09	4.46E-04	7.03E-08	2.45E-08	5.96E-05	9.39E-09	3.27E-09	4.28E-04	6.75E-08	2.35E-08	2.71E-05	4.27E-09	1.49E-09
4716	474363.09, 3860877.25	4.52E-04	7.13E-08	2.48E-08	5.48E-05	8.63E-09	3.00E-09	4.62E-04	7.27E-08	2.53E-08	6.33E-05	9.97E-09	3.47E-09	4.42E-04	6.96E-08	2.43E-08	2.88E-05	4.54E-09	1.58E-09
4717	474863.09, 3860877.25	4.74E-04	7.47E-08	2.60E-08	5.74E-05	9.05E-09	3.15E-09	4.84E-04	7.63E-08	2.66E-08	6.64E-05	1.05E-08	3.64E-09	4.63E-04	7.30E-08	2.54E-08	3.02E-05	4.76E-09	1.66E-09
4718	475363.09, 3860877.25	4.67E-04	7.35E-08	2.56E-08	5.89E-05	9.27E-09	3.23E-09	4.77E-04	7.51E-08	2.62E-08	6.80E-05	1.07E-08	3.73E-09	4.54E-04	7.15E-08	2.49E-08	3.10E-05	4.89E-09	1.70E-09
4719	475863.09, 3860877.25	4.34E-04	6.83E-08	2.38E-08	5.82E-05	9.17E-09	3.20E-09	4.44E-04	6.99E-08	2.43E-08	6.73E-05	1.06E-08	3.69E-09	4.19E-04	6.60E-08	2.30E-08	3.08E-05	4.85E-09	1.69E-09
4720	476363.09, 3860877.25	3.82E-04	6.02E-08	2.10E-08	5.47E-05	8.61E-09	3.00E-09	3.91E-04	6.16E-08	2.15E-08	6.32E-05	9.95E-09	3.47E-09	3.67E-04	5.78E-08	2.01E-08	2.90E-05	4.56E-09	1.59E-09
4721	476863.09, 3860877.25	3.63E-04	5.72E-08	1.99E-08	5.37E-05	8.46E-09	2.95E-09	3.72E-04	5.86E-08	2.04E-08	6.20E-05	9.77E-09	3.40E-09	3.47E-04	5.47E-08	1.91E-08	2.84E-05	4.48E-09	1.56E-09
4722	477363.09, 3860877.25	3.72E-04	5.86E-08	2.04E-08	5.60E-05	8.82E-09	3.07E-09	3.81E-04	6.00E-08	2.09E-08	6.46E-05	1.02E-08	3.55E-09	3.55E-04	5.59E-08	1.95E-08	2.96E-05	4.67E-09	1.63E-09
4723	477863.09, 3860877.25	3.23E-04	5.09E-08	1.77E-08	4.99E-05	7.86E-09	2.74E-09	3.31E-04	5.22E-08	1.82E-08	5.77E-05	9.08E-09	3.16E-09	3.07E-04	4.84E-08	1.69E-08	2.64E-05	4.17E-09	1.45E-09
4724	478363.09, 3860877.25	2.19E-04	3.45E-08	1.20E-08	2.98E-05	4.69E-09	1.63E-09	2.24E-04	3.53E-08	1.23E-08	3.43E-05	5.41E-09	1.88E-09	2.11E-04	3.32E-08	1.16E-08	1.59E-05	2.50E-09	8.72E-10
4725	478863.09, 3860877.25	4.19E-04	6.60E-08	2.30E-08	6.40E-05	1.01E-08	3.51E-09	4.30E-04	6.78E-08	2.36E-08	7.40E-05	1.17E-08	4.06E-09	4.00E-04	6.30E-08	2.20E-08	3.39E-05	5.33E-09	1.86E-09
4726	479363.09, 3860877.25	6.24E-04	9.83E-08	3.43E-08	8.01E-05	1.26E-08	4.40E-09	6.38E-04	1.00E-07	3.50E-08	9.26E-05	1.46E-08	5.08E-09	6.06E-04	9.55E-08	3.33E-08	4.23E-05	6.66E-09	2.32E-09
4727	479863.09, 3860877.25	8.34E-04	1.31E-07	4.58E-08	8.73E-05	1.37E-08	4.79E-09	8.49E-04	1.34E-07	4.66E-08	1.01E-04	1.59E-08	5.54E-09	8.24E-04	1.30E-07	4.52E-08	4.59E-05	7.23E-09	2.52E-09
4728	480363.09, 3860877.25	1.02E-03	1.61E-07	5.61E-08	9.29E-05	1.46E-08	5.10E-09	1.04E-03	1.63E-07	5.69E-08	1.07E-04	1.69E-08	5.89E-09	1.02E-03	1.60E-07	5.59E-08	4.88E-05	7.68E-09	2.68E-09
4729	480863.09, 3860877.25	1.15E-03	1.82E-07	6.33E-08	9.90E-05	1.56E-08	5.44E-09	1.17E-03	1.84E-07	6.43E-08	1.15E-04	1.80E-08	6.29E-09	1.15E-03	1.82E-07	6.34E-08	5.20E-05	8.19E-09	2.85E-09
4730	481363.09, 3860877.25	1.30E-03	2.04E-07	7.12E-08	1.07E-04	1.69E-08	5.89E-09	1.32E-03	2.07E-07	7.22E-08	1.24E-04	1.96E-08	6.81E-09	1.30E-03	2.05E-07	7.14E-08	5.63E-05	8.87E-09	3.09E-09
4731	481863.09, 3860877.25	1.42E-03	2.24E-07	7.79E-08	1.17E-04	1.84E-08	6.40E-09	1.44E-03	2.27E-07	7.90E-08	1.35E-04	2.12E-08	7.40E-09	1.42E-03	2.24E-07	7.81E-08	6.12E-05	9.63E-09	3.36E-09
4732	482363.09, 3860877.25	1.58E-03	2.49E-07	8.69E-08	1.24E-04	1.95E-08	6.80E-09	1.60E-03	2.53E-07	8.81E-08	1.43E-04	2.26E-08	7.87E-09	1.59E-03	2.51E-07	8.74E-08	6.50E-05	1.02E-08	3.57E-09
4733	482863.09, 3860877.25	1.73E-03	2.73E-07	9.50E-08	1.31E-04	2.06E-08	7.16E-09	1.75E-03	2.76E-07	9.62E-08	1.51E-04	2.38E-08	8.29E-09	1.74E-03	2.75E-07	9.57E-08	6.85E-05	1.08E-08	3.76E-09
4734	483363.09, 3860877.25	1.89E-03	2.98E-07	1.04E-07	1.39E-04	2.19E-08	7.64E-09	1.92E-03	3.02E-07	1.05E-07	1.61E-04	2.54E-08	8.84E-09	1.91E-03	3.01E-07	1.05E-07	7.30E-05	1.15E-08	4.01E-09
4735	483863.09, 3860877.25	2.08E-03	3.28E-07	1.14E-07	1.44E-04	2.27E-08	7.92E-09	2.11E-03	3.32E-07	1.16E-07	1.67E-04	2.63E-08	9.16E-09	2.11E-03	3.32E-07	1.16E-07	7.56E-05	1.19E-08	4.15E-09
4736	484363.09, 3860877.25	2.37E-03	3.74E-07	1.30E-07	1.44E-04	2.27E-08	7.91E-09	2.40E-03	3.78E-07	1.32E-07	1.67E-04	2.63E-08	9.15E-09	2.41E-03	3.80E-07	1.32E-07	7.56E-05	1.19E-08	4.15E-09
4737	484863.09, 3860877.25	2.68E-03	4.23E-07	1.47E-07	1.39E-04	2.19E-08	7.63E-09	2.71E-03	4.27E-07	1.49E-07	1.61E-04	2.53E-08	8.82E-09	2.75E-03	4.32E-07	1.51E-07	7.29E-05	1.15E-08	4.00E-09
4738	485363.09, 3860877.25	3.06E-03	4.81E-07	1.68E-07	1.35E-04	2.12E-08	7.38E-09	3.08E-03	4.85E-07	1.69E-07	1.56E-04	2.45E-08	8.54E-09	3.14E-03	4.95E-07	1.72E-07	7.06E-05	1.11E-08	3.87E-09
4739	485863.09, 3860877.25	3.52E-03	5.54E-07	1.93E-07	1.34E-04	2.11E-08	7.35E-09	3.54E-03	5.58E-07	1.94E-07	1.55E-04	2.44E-08	8.51E-09	3.63E-03	5.72E-07	1.99E-07	7.03E-05	1.11E-08	3.86E-09
4740	486363.09, 3860877.25	4.04E-03	6.37E-07	2.22E-07	1.29E-04	2.04E-08	7.10E-09	4.07E-03	6.41E-07	2.23E-07	1.50E-04	2.36E-08	8.21E-09	4.19E-03	6.60E-07	2.30E-07	6.79E-05	1.07E-08	3.73E-09
4741	486863.09, 3860877.25	4.85E-03	7.64E-07	2.66E-07	1.28E-04	2.02E-08	7.03E-09	4.87E-03	7.67E-07	2.67E-07	1.48E-04	2.33E-08	8.13E-09	5.04E-03	7.94E-07	2.76E-07	6.73E-05	1.06E-08	3.69E-09
4742	487363.09, 3860877.25	6.22E-03	9.80E-07	3.42E-07	1.29E-04	2.04E-08	7.10E-09	6.25E-03	9.84E-07	3.43E-07	1.50E-04	2.36E-08	8.21E-09	6.49E-03	1.02E-06	3.56E-07	6.80E-05	1.07E-08	3.73E-09
4743	487863.09, 3860877.25	7.88E-03	1.24E-06	4.32E-07	1.31E-04	2.06E-08	7.18E-09	7.90E-03	1.24E-06	4.34E-07	1.51E-04	2.38E-08	8.30E-09	8.23E-03	1.30E-06	4.52E-07	6.90E-05	1.09E-08	3.79E-09
4744	488363.09, 3860877.25	9.85E-03	1.55E-06	5.40E-07	1.35E-04	2.13E-08	7.43E-09	9.87E-03	1.55E-06	5.42E-07	1.56E-04	2.46E-08	8.58E-09	1.03E-02	1.62E-06	5.66E-07	7.15E-05	1.13E-08	3.92E-09
4745	488863.09, 3860877.25	1.05E-02	1.65E-06	5.74E-07	1.38E-04	2.17E-08	7.56E-09	1.05E-02	1.65E-06	5.75E-07	1.59E-04	2.51E-08	8.73E-09	1.10E-02	1.73E-06	6.01E-07	7.26E-05	1.14E-08	3.98E-09
4746	489363.09, 3860877.25	1.04E-02	1.64E-06	5.70E-07	1.44E-04	2.26E-08	7.89E-09	1.04E-02	1.64E-06	5.72E-07	1.66E-04	2.62E-08	9.11E-09	1.09E-02	1.71E-06	5.97E-07	7.58E-05	1.19E-08	4.16E-09
4747	489863.09, 3860877.25	9.27E-03	1.46E-06	5.09E-07	1.43E-04	2.25E-08	7.84E-09	9.30E-03	1.46E-06	5.10E-07	1.65E-04	2.60E-08	9.06E-09	9.70E-03	1.53E-06	5.32E-07	7.53E-05	1.19E-08	4.13E-09
4748	490363.09, 3860877.25	8.18E-03	1.29E-06	4.49E-07	1.45E-04	2.29E-08	7.98E-09	8.20E-03	1.29E-06	4.50E-07	1.68E-04	2.65E-08	9.23E-09	8.54E-03	1.35E-06	4.69E-07	7.67E-05	1.21E-08	4.21E-09
4749	490863.09, 3860877.25	7.18E-03	1.13E-06	3.94E-07	1.52E-04	2.40E-08	8.34E-09	7.21E-03	1.14E-06	3.95E-07	1.76E-04	2.77E-08	9.65E-09	7.48E-03	1.18E-06	4.11E-07	8.01E-05	1.26E-08	4.39E-09
4750	491363.09, 3860877.25	6.39E-03	1.01E-06	3.51E-07	1.47E-04	2.32E-08	8.08E-09	6.41E-03	1.01E-06	3.52E-07	1.70E-04	2.68E-08	9.34E-09	6.65E-03	1.05E-06	3.65E-07	7.76E-05	1.22E-08	4.26E-09
4751	491863.09, 3860877.25	5.75E-03	9.06E-07	3.15E-07	1.38E-04	2.18E-08	7.60E-09	5.77E-03	9.09E-07	3.17E-07	1.60E-04	2.52E-08	8.78E-09	5.98E-03	9.42E-07	3.28E-07	7.30E-05	1.15E-08	4.00E-09
4752	492363.09, 3860877.25	5.10E-03	8.04E-07	2.80E-07	1.33E-04	2.10E-08	7.30E-09	5.13E-03	8.07E-07	2.81E-07	1.54E-04	2.42E-08	8.44E-09	5.30E-03	8.35E-07	2.91E-07	7.01E-05	1.10E-08	3.85E-09
4753	492863.09, 3860877.25	4.68E-03	7.37E-07	2.57E-07	1.35E-04	2.12E-08	7.39E-09	4.70E-03	7.41E-07	2.58E-07	1.56E-04	2.45E-08	8.54E-09	4.85E-03	7.65E-07	2.66E-07	7.10E-05	1.12E-08	3.90E-09

4754	493363.09, 3860877.25	4.36E-03	6.86E-07	2.39E-07	1.41E-04	2.22E-08	7.75E-09	4.38E-03	6.90E-07	2.40E-07	1.63E-04	2.57E-08	8.95E-09	4.51E-03	7.10E-07	2.47E-07	7.43E-05	1.17E-08	4.08E-09
4755	493863.09, 3860877.25	4.02E-03	6.34E-07	2.21E-07	1.47E-04	2.32E-08	8.09E-09	4.05E-03	6.38E-07	2.22E-07	1.70E-04	2.68E-08	9.35E-09	4.15E-03	6.54E-07	2.28E-07	7.76E-05	1.22E-08	4.26E-09
4756	494363.09, 3860877.25	3.74E-03	5.90E-07	2.05E-07	1.53E-04	2.41E-08	8.39E-09	3.77E-03	5.94E-07	2.07E-07	1.77E-04	2.78E-08	9.70E-09	3.85E-03	6.07E-07	2.11E-07	8.05E-05	1.27E-08	4.42E-09
4757	494863.09, 3860877.25	3.50E-03	5.51E-07	1.92E-07	1.55E-04	2.45E-08	8.53E-09	3.53E-03	5.56E-07	1.94E-07	1.80E-04	2.83E-08	9.86E-09	3.60E-03	5.66E-07	1.97E-07	8.18E-05	1.29E-08	4.49E-09
4758	495363.09, 3860877.25	3.28E-03	5.16E-07	1.80E-07	1.54E-04	2.42E-08	8.45E-09	3.30E-03	5.20E-07	1.81E-07	1.78E-04	2.80E-08	9.77E-09	3.36E-03	5.29E-07	1.84E-07	8.10E-05	1.28E-08	4.45E-09
4759	495863.09, 3860877.25	3.07E-03	4.84E-07	1.69E-07	1.50E-04	2.36E-08	8.21E-09	3.10E-03	4.88E-07	1.70E-07	1.73E-04	2.73E-08	9.50E-09	3.15E-03	4.96E-07	1.73E-07	7.88E-05	1.24E-08	4.33E-09
4760	496363.09, 3860877.25	2.87E-03	4.52E-07	1.57E-07	1.47E-04	2.32E-08	8.07E-09	2.89E-03	4.56E-07	1.59E-07	1.70E-04	2.68E-08	9.33E-09	2.93E-03	4.62E-07	1.61E-07	7.75E-05	1.22E-08	4.25E-09
4761	496863.09, 3860877.25	2.54E-03	4.00E-07	1.40E-07	1.43E-04	2.26E-08	7.87E-09	2.57E-03	4.04E-07	1.41E-07	1.66E-04	2.61E-08	9.09E-09	2.59E-03	4.08E-07	1.42E-07	7.55E-05	1.19E-08	4.15E-09
4762	497363.09, 3860877.25	2.41E-03	3.79E-07	1.32E-07	1.40E-04	2.20E-08	7.67E-09	2.43E-03	3.83E-07	1.34E-07	1.62E-04	2.54E-08	8.87E-09	2.45E-03	3.86E-07	1.35E-07	7.37E-05	1.16E-08	4.04E-09
4763	497863.09, 3860877.25	2.24E-03	3.53E-07	1.23E-07	1.36E-04	2.15E-08	7.48E-09	2.27E-03	3.57E-07	1.24E-07	1.57E-04	2.48E-08	8.64E-09	2.28E-03	3.59E-07	1.25E-07	7.19E-05	1.13E-08	3.95E-09
4764	498363.09, 3860877.25	2.24E-03	3.52E-07	1.23E-07	1.34E-04	2.11E-08	7.37E-09	2.26E-03	3.56E-07	1.24E-07	1.55E-04	2.44E-08	8.51E-09	2.27E-03	3.58E-07	1.25E-07	7.08E-05	1.11E-08	3.88E-09
4765	471363.09, 3861377.25	3.46E-04	5.45E-08	1.90E-08	3.74E-05	5.90E-09	2.05E-09	3.52E-04	5.55E-08	1.93E-08	4.33E-05	6.82E-09	2.37E-09	3.41E-04	5.37E-08	1.87E-08	1.97E-05	3.11E-09	1.08E-09
4766	471863.09, 3861377.25	3.64E-04	5.73E-08	2.00E-08	3.98E-05	6.28E-09	2.19E-09	3.70E-04	5.83E-08	2.03E-08	4.61E-05	7.25E-09	2.53E-09	3.58E-04	5.64E-08	1.96E-08	2.10E-05	3.31E-09	1.15E-09
4767	472363.09, 3861377.25	3.82E-04	6.02E-08	2.10E-08	4.26E-05	6.71E-09	2.34E-09	3.89E-04	6.13E-08	2.14E-08	4.92E-05	7.76E-09	2.70E-09	3.75E-04	5.91E-08	2.06E-08	2.24E-05	3.53E-09	1.23E-09
4768	472863.09, 3861377.25	4.04E-04	6.37E-08	2.22E-08	4.54E-05	7.15E-09	2.49E-09	4.12E-04	6.49E-08	2.26E-08	5.25E-05	8.27E-09	2.88E-09	3.97E-04	6.26E-08	2.18E-08	2.39E-05	3.77E-09	1.31E-09
4769	473363.09, 3861377.25	4.25E-04	6.69E-08	2.33E-08	4.80E-05	7.56E-09	2.64E-09	4.33E-04	6.82E-08	2.38E-08	5.55E-05	8.74E-09	3.05E-09	4.17E-04	6.57E-08	2.29E-08	2.53E-05	3.98E-09	1.39E-09
4770	473863.09, 3861377.25	4.41E-04	6.94E-08	2.42E-08	5.03E-05	7.92E-09	2.76E-09	4.49E-04	7.08E-08	2.47E-08	5.81E-05	9.15E-09	3.19E-09	4.32E-04	6.81E-08	2.37E-08	2.65E-05	4.17E-09	1.45E-09
4771	474363.09, 3861377.25	4.68E-04	7.37E-08	2.57E-08	5.21E-05	8.21E-09	2.86E-09	4.77E-04	7.51E-08	2.62E-08	6.02E-05	9.49E-09	3.30E-09	4.60E-04	7.25E-08	2.53E-08	2.74E-05	4.32E-09	1.51E-09
4772	474863.09, 3861377.25	4.80E-04	7.56E-08	2.63E-08	5.35E-05	8.43E-09	2.94E-09	4.89E-04	7.70E-08	2.68E-08	6.19E-05	9.75E-09	3.40E-09	4.72E-04	7.43E-08	2.59E-08	2.82E-05	4.44E-09	1.55E-09
4773	475363.09, 3861377.25	5.08E-04	8.00E-08	2.79E-08	5.53E-05	8.71E-09	3.04E-09	5.18E-04	8.15E-08	2.84E-08	6.39E-05	1.01E-08	3.51E-09	5.00E-04	7.88E-08	2.75E-08	2.91E-05	4.59E-09	1.60E-09
4774	475863.09, 3861377.25	5.11E-04	8.05E-08	2.81E-08	5.71E-05	8.99E-09	3.13E-09	5.21E-04	8.20E-08	2.86E-08	6.60E-05	1.04E-08	3.62E-09	5.02E-04	7.91E-08	2.76E-08	3.01E-05	4.74E-09	1.65E-09
4775	476363.09, 3861377.25	4.96E-04	7.81E-08	2.72E-08	5.88E-05	9.27E-09	3.23E-09	5.06E-04	7.97E-08	2.78E-08	6.80E-05	1.07E-08	3.73E-09	4.85E-04	7.64E-08	2.66E-08	3.10E-05	4.89E-09	1.70E-09
4776	476863.09, 3861377.25	4.87E-04	7.67E-08	2.67E-08	6.06E-05	9.54E-09	3.32E-09	4.97E-04	7.83E-08	2.73E-08	7.00E-05	1.10E-08	3.84E-09	4.74E-04	7.47E-08	2.60E-08	3.20E-05	5.03E-09	1.75E-09
4777	477363.09, 3861377.25	4.86E-04	7.66E-08	2.67E-08	6.24E-05	9.83E-09	3.42E-09	4.97E-04	7.83E-08	2.73E-08	7.21E-05	1.14E-08	3.96E-09	4.72E-04	7.44E-08	2.59E-08	3.29E-05	5.19E-09	1.81E-09
4778	477863.09, 3861377.25	3.98E-04	6.26E-08	2.18E-08	5.74E-05	9.05E-09	3.15E-09	4.07E-04	6.42E-08	2.24E-08	6.63E-05	1.05E-08	3.64E-09	3.81E-04	6.01E-08	2.09E-08	3.04E-05	4.79E-09	1.67E-09
4779	478363.09, 3861377.25	2.52E-04	3.96E-08	1.38E-08	3.65E-05	5.75E-09	2.00E-09	2.58E-04	4.06E-08	1.41E-08	4.21E-05	6.64E-09	2.31E-09	2.41E-04	3.79E-08	1.32E-08	1.94E-05	3.06E-09	1.07E-09
4780	478863.09, 3861377.25	3.06E-04	4.82E-08	1.68E-08	4.45E-05	7.02E-09	2.44E-09	3.13E-04	4.94E-08	1.72E-08	5.14E-05	8.10E-09	2.82E-09	2.92E-04	4.61E-08	1.61E-08	2.37E-05	3.73E-09	1.30E-09
4781	479363.09, 3861377.25	5.84E-04	9.20E-08	3.21E-08	7.00E-05	1.10E-08	3.84E-09	5.96E-04	9.39E-08	3.27E-08	8.08E-05	1.27E-08	4.44E-09	5.70E-04	8.98E-08	3.13E-08	3.70E-05	5.83E-09	2.03E-09
4782	479863.09, 3861377.25	7.98E-04	1.26E-07	4.38E-08	7.87E-05	1.24E-08	4.32E-09	8.11E-04	1.28E-07	4.45E-08	9.09E-05	1.43E-08	4.99E-09	7.91E-04	1.25E-07	4.34E-08	4.14E-05	6.52E-09	2.27E-09
4783	480363.09, 3861377.25	9.96E-04	1.57E-07	5.47E-08	8.45E-05	1.33E-08	4.64E-09	1.01E-03	1.59E-07	5.55E-08	9.77E-05	1.54E-08	5.36E-09	9.97E-04	1.57E-07	5.47E-08	4.44E-05	6.99E-09	2.44E-09
4784	480863.09, 3861377.25	1.12E-03	1.76E-07	6.14E-08	9.06E-05	1.43E-08	4.97E-09	1.13E-03	1.79E-07	6.23E-08	1.05E-04	1.65E-08	5.75E-09	1.12E-03	1.77E-07	6.16E-08	4.76E-05	7.49E-09	2.61E-09
4785	481363.09, 3861377.25	1.24E-03	1.95E-07	6.80E-08	9.74E-05	1.53E-08	5.34E-09	1.25E-03	1.98E-07	6.89E-08	1.13E-04	1.77E-08	6.18E-09	1.24E-03	1.96E-07	6.83E-08	5.11E-05	8.05E-09	2.81E-09
4786	481863.09, 3861377.25	1.34E-03	2.10E-07	7.33E-08	1.04E-04	1.64E-08	5.72E-09	1.35E-03	2.13E-07	7.43E-08	1.21E-04	1.90E-08	6.62E-09	1.34E-03	2.12E-07	7.37E-08	5.47E-05	8.62E-09	3.00E-09
4787	482363.09, 3861377.25	1.44E-03	2.27E-07	7.91E-08	1.09E-04	1.72E-08	6.01E-09	1.46E-03	2.30E-07	8.01E-08	1.27E-04	1.99E-08	6.95E-09	1.45E-03	2.29E-07	7.96E-08	5.75E-05	9.05E-09	3.15E-09
4788	482863.09, 3861377.25	1.56E-03	2.45E-07	8.54E-08	1.15E-04	1.81E-08	6.31E-09	1.57E-03	2.48E-07	8.64E-08	1.33E-04	2.10E-08	7.30E-09	1.57E-03	2.47E-07	8.61E-08	6.04E-05	9.51E-09	3.31E-09
4789	483363.09, 3861377.25	1.68E-03	2.65E-07	9.22E-08	1.21E-04	1.90E-08	6.62E-09	1.70E-03	2.68E-07	9.33E-08	1.40E-04	2.20E-08	7.66E-09	1.70E-03	2.67E-07	9.31E-08	6.33E-05	9.98E-09	3.48E-09
4790	483863.09, 3861377.25	1.83E-03	2.88E-07	1.00E-07	1.23E-04	1.94E-08	6.75E-09	1.85E-03	2.92E-07	1.02E-07	1.42E-04	2.24E-08	7.80E-09	1.85E-03	2.92E-07	1.02E-07	6.45E-05	1.02E-08	3.54E-09
4791	484363.09, 3861377.25	2.00E-03	3.15E-07	1.10E-07	1.25E-04	1.97E-08	6.85E-09	2.02E-03	3.18E-07	1.11E-07	1.44E-04	2.28E-08	7.93E-09	2.03E-03	3.20E-07	1.11E-07	6.55E-05	1.03E-08	3.59E-09
4792	484863.09, 3861377.25	2.26E-03	3.56E-07	1.24E-07	1.20E-04	1.89E-08	6.57E-09	2.28E-03	3.60E-07	1.25E-07	1.39E-04	2.18E-08	7.60E-09	2.31E-03	3.64E-07	1.27E-07	6.28E-05	9.89E-09	3.45E-09
4793	485363.09, 3861377.25	2.49E-03	3.92E-07	1.37E-07	1.14E-04	1.80E-08	6.26E-09	2.51E-03	3.96E-07	1.38E-07	1.32E-04	2.08E-08	7.24E-09	2.56E-03	4.03E-07	1.40E-07	5.98E-05	9.42E-09	3.28E-09
4794	485863.09, 3861377.25	2.77E-03	4.36E-07	1.52E-07	1.12E-04	1.76E-08	6.12E-09	2.79E-03	4.39E-07	1.53E-07	1.29E-04	2.03E-08	7.08E-09	2.85E-03	4.49E-07	1.56E-07	5.85E-05	9.21E-09	3.21E-09
4795	486363.09, 3861377.25	3.05E-03	4.81E-07	1.67E-07	1.09E-04	1.72E-08	5.98E-09	3.07E-03	4.83E-07	1.68E-07	1.26E-04	1.98E-08	6.91E-09	3.15E-03	4.96E-07	1.73E-07	5.71E-05	9.00E-09	3.14E-09
4796	486863.09, 3861377.25	3.42E-03	5.39E-07	1.88E-07	1.09E-04	1.71E-08	5.96E-09	3.44E-03	5.41E-07	1.89E-07	1.26E-04	1.98E-08	6.89E-09	3.54E-03	5.58E-07	1.94E-07	5.69E-05	8.97E-09	3.13E-09
4797	487363.09, 3861377.25	3.86E-03	6.09E-07	2.12E-07	1.10E-04	1.73E-08	6.01E-09	3.88E-03	6.12E-07	2.13E-07	1.27E-04	2.00E-08	6.96E-09	4.01E-03	6.32E-07	2.20E-07	5.75E-05	9.06E-09	3.16E-09
4798	487863.09, 3861377.25	4.16E-03	6.55E-07	2.28E-07	1.11E-04	1.75E-08	6.09E-09	4.17E-03	6.58E-07	2.29E-07	1.28E-04	2.02E-08	7.04E-09	4.32E-03	6.80E-07	2.37E-07	5.83E-05	9.19E-09	3.20E-09
4799	488363.09, 3861377.25	4.24E-03	6.67E-07	2.32E-07	1.09E-04	1.72E-08	5.99E-09	4.25E-03	6.70E-07	2.34E-07	1.26E-04	1.99E-08	6.93E-09	4.40E-03	6.94E-07	2.42E-07	5.74E-05	9.04E-09	3.15E-09
4800	488863.09, 3861377.25	4.40E-03	6.94E-07	2.42E-07	1.12E-04	1.77E-08	6.17E-09	4.42E-03	6.97E-07	2.43E-07	1.30E-04	2.05E-08	7.14E-09	4.58E-03	7.21E-07	2.51E-07	5.90E-05	9.30E-09	3.24E-09
4801	489363.09, 3861377.25	4.51E-03	7.11E-07	2.48E-07	1.16E-04	1.82E-08	6.35E-09	4.53E-03	7.14E-07	2.49E-07	1.34E-04	2.11E-08	7.34E-09	4.69E-03	7.39E-07	2.57E-07	6.07E-05	9.56E-09	3.33E-09
4802	489863.09, 3861377.25	4.57E-03	7.21E-07	2.51E-07	1.18E-04	1.86E-08	6.48E-09	4.60E-03	7.24E-07	2.52E-07	1.37E-04	2.15E-08	7.50E-09	4.75E-03	7.49E-07	2.61E-07	6.20E-05	9.77E-09	3.40E-09
4803	490363.09, 3861377.25	4.48E-03	7.06E-07	2.46E-07	1.19E-04	1.88E-08	6.54E-09	4.50E-03	7.09E-07	2.47E-07	1.38E-04	2.17E-08	7.57E-09	4.65E-03	7.33E-07	2.55E-07	6.27E-05	9.87E-09	3.44E-09
4804	490863.09, 3861377.25	4.38E-03	6.90E-07	2.40E-07	1.21E-04	1.90E-08	6.63E-09	4.40E-03	6.93E-07	2.41E-07	1.40E-04	2.20E-08	7.67E-09	4.54E-03	7.16E-07	2.49E-07	6.35E-05	1.00E-08	3.49E-09
4805	491363.09, 3861377.25	4.20E-03	6.61E-07	2.30E-07	1.27E-04	1.99E-08	6.95E-09	4.22E-03	6.65E-07	2.32E-07	1.46E-04	2.31E-08	8.04E-09	4.35E-03	6.85E-07	2.39E-07	6.65E-05	1.05E-08	3.65E-09
4806	491863.09, 3861377.25	4.01E-03	6.31E-07	2.20E-07	1.24E-04	1.96E-08	6.82E-09	4.03E-03	6.35E-07	2.21E-07	1.44E-04	2.26E-08	7.89E-09	4.15E-03	6.54E-07	2.28E-07	6.54E-05	1.03E-08	3.59E-09
4807	492363.09, 3861377.25	3.82E-03	6.02E-07	2.10E-07	1.17E-04	1.84E-08	6.40E-09	3.84E-03	6.05E-07	2.11E-07	1.35E-04	2.12E-08	7.40E-09	3.96E-03	6.24E-07	2.17E-07	6.14E-05	9.67E-09	3.37E-09
4808	492863.09, 3861377.25	3.62E-03	5.69E-07	1.98E-07	1.12E-04	1.77E-08	6.17E-09	3.63E-03	5.73E-07	1.99E-07	1.30E-04	2.05E-08	7.14E-09	3.74E-03	5.90E-07	2.05E-07	5.92E-05	9.32E-09	3.25E-09
4809	493363.09, 3861377.25	3.41E-03	5.38E-07	1.87E-07	1.12E-04	1.77E-08	6.16E-09	3.43E-03	5.41E-07	1.88E-07	1.30E-04	2.05E-08	7.13E-09	3.53E-03	5.56E-07	1.94E-07	5.91E-05	9.31E-09	3.24E-09
4810	493863.09, 3861377.25	3.21E-03	5.06E-07	1.76E-07	1.13E-04	1.79E-08	6.23E-09	3.23E-03	5.09E-07	1.77E-07	1.31E-04	2.07E-08	7.20E-09	3.32E-03	5.23E-07	1.82E-07	5.97E-05	9.41E-09	3.28E-09
4811	494363.09, 3861377.25	3.04E-03	4.78E-07	1.67E-07	1.17E-04	1.84E-08	6.43E-09	3.06E-03	4.82E-07	1.68E-07	1.35E-04	2.13E-08	7.43E-09	3.13E-03	4.93E-07	1.72E-07	6.16E-05	9.70E-09	3.38E-09
4812	494863.09, 3861377.25	2.88E-03	4.54E-07	1.58E-07	1.22E-04	1.93E-08	6.72E-09	2.90E-03	4.57E-07	1.59E-07	1.42E-04	2.23E-08	7.77E-09	2.96E-03	4.67E-07	1.63E-07	6.44E-05	1.01E-08	3.53E-09
4813	495363.09, 3861377.25	2.74E-03	4.31E-07	1.50E-07	1.26E-04	1.99E-08	6.94E-09	2.76E-03	4.35E-07	1.51E-07	1.46E-04	2.30E-08	8.02E-09	2.81E-03	4.43E-07	1.54E-07	6.64E-05	1.05E-08	3.65E-09
4814	495863.09, 3861377.25	2.60E-03	4.09E-07	1.43E-07	1.27E-04	2.00E-08	6.95E-09	2.62E-03	4.13E-07	1.44E-07	1.46E-04	2.31E-08	8.04E-09	2.66E-03	4.19E-07	1.46E-07	6.66E-05	1.05E-08	3.66E-09
4815	496363.09, 3861377.25	2.50E-03	3.93E-07	1.37E-07	1.27E-04	2.00E-08	6.95E-09	2.52E-03	3.97E-07	1.38E-07	1.47E-04	2.31E-08	8.04E-09	2.55E-03	4.02E-07	1.40E-07	6.66E-05	1.05E-08	3.66E-09
4816	496863.09, 3861377.25	2.40E-03	3.77E-07	1.32E-07	1.27E-04	2.00E-08	6.95E-09	2.42E-03	3.81E-07	1.33E-07	1.46E-04	2.31E-08	8.04E-09	2.45E-03	3.86E-07	1.34E-07	6.67E-05	1.05E-08	3.66E-09
4817	497363.09, 3861377.25	2.28E-03	3.59E-07	1.25E-07	1.24E-04	1.95E-08	6.79E-09	2.30E-03	3.62E-07	1.26E-07	1.43E-04	2.25E-08	7.85E-09	2.33E-03	3.67E-07	1.28E-07	6.52E-05	1.03E-08	3.58E-09
4818	497863.09, 3861377.25	2.18E-03	3.43E-07	1.19E-07	1.21E-04	1.91E-08	6.64E-09	2.20E-03	3.46E-07	1.21E-07	1.40E-04	2.20E-08	7.67E-09	2.22E-03	3.49E-07	1.22E-07	6.37E-05	1.00E-08	3.50E-09
4819	498363.09, 3861377.25	2.07E-03	3.26E-07	1.14E-07	1.19E-04	1.87E-08	6.51E-09	2.09E-03	3.29E-07	1.15E-07	1.37E-04	2.16E-08	7.53E-09	2.11E-03	3.32E-07	1.16E-07	6.25E-05	9.85E-09	3.43E-09
4820	471363.09, 3861877.25	3.50E-04	5.51E-08	1.92E-08	3.80E-05	5.99E-09	2.09E-09	3.56E-04	5.61E-08	1.96E-08	4.39E-05	6.92E-09	2.41E-09	3.44E-04	5.43E-08	1.89E-08	2.00E-05	3.16E-09	1.10E-09

4821	471863.09, 3861877.25	3.66E-04	5.77E-08	2.01E-08	4.03E-05	6.35E-09	2.21E-09	3.73E-04	5.88E-08	2.05E-08	4.66E-05	7.33E-09	2.55E-09	3.60E-04	5.68E-08	1.98E-08	2.12E-05	3.35E-09	1.17E-09
4822	472363.09, 3861877.25	3.84E-04	6.05E-08	2.11E-08	4.24E-05	6.68E-09	2.33E-09	3.91E-04	6.17E-08	2.15E-08	4.90E-05	7.73E-09	2.69E-09	3.78E-04	5.95E-08	2.07E-08	2.24E-05	3.52E-09	1.23E-09
4823	472863.09, 3861877.25	4.05E-04	6.38E-08	2.22E-08	4.43E-05	6.98E-09	2.43E-09	4.12E-04	6.49E-08	2.26E-08	5.12E-05	8.07E-09	2.81E-09	3.98E-04	6.27E-08	2.19E-08	2.33E-05	3.68E-09	1.28E-09
4824	473363.09, 3861877.25	4.25E-04	6.70E-08	2.33E-08	4.58E-05	7.21E-09	2.51E-09	4.33E-04	6.82E-08	2.38E-08	5.29E-05	8.34E-09	2.90E-09	4.19E-04	6.60E-08	2.30E-08	2.41E-05	3.80E-09	1.32E-09
4825	473863.09, 3861877.25	4.43E-04	6.97E-08	2.43E-08	4.71E-05	7.42E-09	2.58E-09	4.51E-04	7.10E-08	2.47E-08	5.44E-05	8.58E-09	2.99E-09	4.36E-04	6.88E-08	2.40E-08	2.48E-05	3.91E-09	1.36E-09
4826	474363.09, 3861877.25	4.63E-04	7.30E-08	2.54E-08	4.84E-05	7.63E-09	2.66E-09	4.72E-04	7.43E-08	2.59E-08	5.59E-05	8.81E-09	3.07E-09	4.57E-04	7.21E-08	2.51E-08	2.55E-05	4.02E-09	1.40E-09
4827	474863.09, 3861877.25	4.80E-04	7.57E-08	2.64E-08	4.99E-05	7.87E-09	2.74E-09	4.89E-04	7.70E-08	2.68E-08	5.77E-05	9.09E-09	3.17E-09	4.74E-04	7.47E-08	2.60E-08	2.63E-05	4.15E-09	1.44E-09
4828	475363.09, 3861877.25	5.01E-04	7.89E-08	2.75E-08	5.18E-05	8.16E-09	2.84E-09	5.10E-04	8.03E-08	2.80E-08	5.99E-05	9.43E-09	3.29E-09	4.95E-04	7.80E-08	2.72E-08	2.73E-05	4.30E-09	1.50E-09
4829	475863.09, 3861877.25	5.28E-04	8.31E-08	2.90E-08	5.38E-05	8.48E-09	2.95E-09	5.37E-04	8.46E-08	2.95E-08	6.22E-05	9.80E-09	3.41E-09	5.22E-04	8.22E-08	2.86E-08	2.84E-05	4.47E-09	1.56E-09
4830	476363.09, 3861877.25	5.46E-04	8.60E-08	3.00E-08	5.58E-05	8.80E-09	3.06E-09	5.55E-04	8.75E-08	3.05E-08	6.45E-05	1.02E-08	3.54E-09	5.40E-04	8.51E-08	2.96E-08	2.94E-05	4.63E-09	1.61E-09
4831	476863.09, 3861877.25	5.48E-04	8.63E-08	3.00E-08	5.77E-05	9.08E-09	3.16E-09	5.57E-04	8.78E-08	3.06E-08	6.66E-05	1.05E-08	3.66E-09	5.40E-04	8.51E-08	2.97E-08	3.04E-05	4.79E-09	1.67E-09
4832	477363.09, 3861877.25	5.39E-04	8.48E-08	2.96E-08	5.84E-05	9.21E-09	3.21E-09	5.48E-04	8.64E-08	3.01E-08	6.75E-05	1.06E-08	3.71E-09	5.30E-04	8.35E-08	2.91E-08	3.08E-05	4.86E-09	1.69E-09
4833	477863.09, 3861877.25	4.13E-04	6.50E-08	2.26E-08	5.28E-05	8.32E-09	2.90E-09	4.21E-04	6.64E-08	2.31E-08	6.10E-05	9.61E-09	3.35E-09	4.00E-04	6.29E-08	2.19E-08	2.81E-05	4.42E-09	1.54E-09
4834	478363.09, 3861877.25	2.08E-04	3.27E-08	1.14E-08	2.86E-05	4.51E-09	1.57E-09	2.12E-04	3.35E-08	1.17E-08	3.30E-05	5.20E-09	1.81E-09	1.99E-04	3.14E-08	1.09E-08	1.53E-05	2.40E-09	8.37E-10
4835	478863.09, 3861877.25	3.28E-04	5.16E-08	1.80E-08	4.68E-05	7.38E-09	2.57E-09	3.35E-04	5.29E-08	1.84E-08	5.41E-05	8.52E-09	2.97E-09	3.14E-04	4.95E-08	1.73E-08	2.48E-05	3.91E-09	1.36E-09
4836	479363.09, 3861877.25	3.01E-04	4.75E-08	1.65E-08	4.50E-05	7.08E-09	2.47E-09	3.09E-04	4.87E-08	1.70E-08	5.19E-05	8.18E-09	2.85E-09	2.88E-04	4.54E-08	1.58E-08	2.38E-05	3.75E-09	1.31E-09
4837	479863.09, 3861877.25	7.51E-04	1.18E-07	4.12E-08	7.29E-05	1.15E-08	4.00E-09	7.63E-04	1.20E-07	4.19E-08	8.43E-05	1.33E-08	4.63E-09	7.45E-04	1.17E-07	4.09E-08	3.84E-05	6.05E-09	2.11E-09
4838	480363.09, 3861877.25	9.56E-04	1.51E-07	5.25E-08	7.78E-05	1.23E-08	4.27E-09	9.69E-04	1.53E-07	5.32E-08	9.00E-05	1.42E-08	4.94E-09	9.59E-04	1.51E-07	5.26E-08	4.09E-05	6.45E-09	2.25E-09
4839	480863.09, 3861877.25	1.05E-03	1.66E-07	5.77E-08	8.29E-05	1.31E-08	4.55E-09	1.07E-03	1.68E-07	5.85E-08	9.59E-05	1.51E-08	5.26E-09	1.06E-03	1.66E-07	5.79E-08	4.36E-05	6.87E-09	2.39E-09
4840	481363.09, 3861877.25	1.14E-03	1.79E-07	6.24E-08	8.85E-05	1.39E-08	4.86E-09	1.15E-03	1.82E-07	6.33E-08	1.02E-04	1.61E-08	5.62E-09	1.14E-03	1.80E-07	6.28E-08	4.65E-05	7.32E-09	2.55E-09
4841	481863.09, 3861877.25	1.21E-03	1.91E-07	6.64E-08	9.37E-05	1.48E-08	5.14E-09	1.23E-03	1.93E-07	6.73E-08	1.08E-04	1.71E-08	5.95E-09	1.22E-03	1.92E-07	6.68E-08	4.92E-05	7.75E-09	2.70E-09
4842	482363.09, 3861877.25	1.30E-03	2.04E-07	7.12E-08	9.76E-05	1.54E-08	5.36E-09	1.31E-03	2.07E-07	7.21E-08	1.13E-04	1.78E-08	6.20E-09	1.31E-03	2.06E-07	7.17E-08	5.13E-05	8.08E-09	2.81E-09
4843	482863.09, 3861877.25	1.39E-03	2.20E-07	7.66E-08	1.02E-04	1.61E-08	5.59E-09	1.41E-03	2.22E-07	7.75E-08	1.18E-04	1.86E-08	6.47E-09	1.41E-03	2.22E-07	7.72E-08	5.35E-05	8.43E-09	2.94E-09
4844	483363.09, 3861877.25	1.50E-03	2.36E-07	8.23E-08	1.05E-04	1.66E-08	5.78E-09	1.52E-03	2.39E-07	8.33E-08	1.22E-04	1.92E-08	6.68E-09	1.52E-03	2.39E-07	8.32E-08	5.52E-05	8.70E-09	3.03E-09
4845	483863.09, 3861877.25	1.61E-03	2.53E-07	8.82E-08	1.07E-04	1.68E-08	5.86E-09	1.62E-03	2.56E-07	8.92E-08	1.23E-04	1.95E-08	6.78E-09	1.63E-03	2.56E-07	8.93E-08	5.60E-05	8.82E-09	3.07E-09
4846	484363.09, 3861877.25	1.74E-03	2.74E-07	9.55E-08	1.06E-04	1.66E-08	5.80E-09	1.76E-03	2.77E-07	9.65E-08	1.22E-04	1.93E-08	6.71E-09	1.77E-03	2.79E-07	9.71E-08	5.54E-05	8.73E-09	3.04E-09
4847	484863.09, 3861877.25	1.89E-03	2.98E-07	1.04E-07	1.04E-04	1.64E-08	5.71E-09	1.91E-03	3.01E-07	1.05E-07	1.20E-04	1.90E-08	6.60E-09	1.93E-03	3.04E-07	1.06E-07	5.45E-05	8.59E-09	2.99E-09
4848	485363.09, 3861877.25	2.04E-03	3.21E-07	1.12E-07	1.01E-04	1.58E-08	5.52E-09	2.06E-03	3.24E-07	1.13E-07	1.16E-04	1.83E-08	6.38E-09	2.09E-03	3.29E-07	1.15E-07	5.27E-05	8.31E-09	2.89E-09
4849	485863.09, 3861877.25	2.16E-03	3.41E-07	1.19E-07	9.50E-05	1.50E-08	5.21E-09	2.18E-03	3.43E-07	1.20E-07	1.10E-04	1.73E-08	6.03E-09	2.22E-03	3.50E-07	1.22E-07	4.99E-05	7.86E-09	2.74E-09
4850	486363.09, 3861877.25	2.32E-03	3.66E-07	1.28E-07	9.30E-05	1.47E-08	5.11E-09	2.34E-03	3.69E-07	1.28E-07	1.08E-04	1.70E-08	5.91E-09	2.39E-03	3.77E-07	1.31E-07	4.88E-05	7.69E-09	2.68E-09
4851	486863.09, 3861877.25	2.51E-03	3.96E-07	1.38E-07	9.30E-05	1.47E-08	5.11E-09	2.53E-03	3.98E-07	1.39E-07	1.08E-04	1.70E-08	5.91E-09	2.59E-03	4.09E-07	1.42E-07	4.88E-05	7.68E-09	2.68E-09
4852	487363.09, 3861877.25	2.70E-03	4.26E-07	1.48E-07	9.46E-05	1.49E-08	5.19E-09	2.72E-03	4.28E-07	1.49E-07	1.09E-04	1.72E-08	6.01E-09	2.79E-03	4.40E-07	1.53E-07	4.96E-05	7.82E-09	2.72E-09
4853	487863.09, 3861877.25	2.78E-03	4.38E-07	1.52E-07	9.60E-05	1.51E-08	5.27E-09	2.79E-03	4.40E-07	1.53E-07	1.11E-04	1.75E-08	6.10E-09	2.87E-03	4.52E-07	1.58E-07	5.04E-05	7.95E-09	2.77E-09
4854	488363.09, 3861877.25	2.73E-03	4.31E-07	1.50E-07	9.39E-05	1.48E-08	5.15E-09	2.75E-03	4.33E-07	1.51E-07	1.09E-04	1.71E-08	5.96E-09	2.83E-03	4.45E-07	1.55E-07	4.93E-05	7.77E-09	2.71E-09
4855	488863.09, 3861877.25	2.75E-03	4.33E-07	1.51E-07	9.42E-05	1.48E-08	5.17E-09	2.77E-03	4.36E-07	1.52E-07	1.09E-04	1.72E-08	5.98E-09	2.84E-03	4.48E-07	1.56E-07	4.94E-05	7.79E-09	2.71E-09
4856	489363.09, 3861877.25	2.82E-03	4.44E-07	1.55E-07	9.71E-05	1.53E-08	5.33E-09	2.83E-03	4.46E-07	1.55E-07	1.12E-04	1.77E-08	6.17E-09	2.91E-03	4.59E-07	1.60E-07	5.09E-05	8.02E-09	2.79E-09
4857	489863.09, 3861877.25	2.89E-03	4.55E-07	1.58E-07	9.90E-05	1.56E-08	5.43E-09	2.90E-03	4.58E-07	1.59E-07	1.14E-04	1.80E-08	6.28E-09	2.99E-03	4.70E-07	1.64E-07	5.19E-05	8.18E-09	2.85E-09
4858	490363.09, 3861877.25	2.88E-03	4.54E-07	1.58E-07	1.00E-04	1.58E-08	5.49E-09	2.90E-03	4.57E-07	1.59E-07	1.16E-04	1.82E-08	6.36E-09	2.98E-03	4.70E-07	1.64E-07	5.25E-05	8.28E-09	2.88E-09
4859	490863.09, 3861877.25	2.84E-03	4.48E-07	1.56E-07	1.01E-04	1.59E-08	5.53E-09	2.86E-03	4.50E-07	1.57E-07	1.17E-04	1.84E-08	6.40E-09	2.94E-03	4.63E-07	1.61E-07	5.30E-05	8.34E-09	2.91E-09
4860	491363.09, 3861877.25	2.84E-03	4.47E-07	1.56E-07	1.03E-04	1.62E-08	5.63E-09	2.85E-03	4.49E-07	1.57E-07	1.19E-04	1.87E-08	6.51E-09	2.93E-03	4.61E-07	1.61E-07	5.39E-05	8.49E-09	2.96E-09
4861	491863.09, 3861877.25	2.83E-03	4.46E-07	1.55E-07	1.08E-04	1.70E-08	5.94E-09	2.85E-03	4.49E-07	1.56E-07	1.25E-04	1.97E-08	6.87E-09	2.92E-03	4.60E-07	1.60E-07	5.68E-05	8.95E-09	3.12E-09
4862	492363.09, 3861877.25	2.76E-03	4.34E-07	1.51E-07	1.07E-04	1.68E-08	5.85E-09	2.78E-03	4.37E-07	1.52E-07	1.23E-04	1.94E-08	6.76E-09	2.84E-03	4.48E-07	1.56E-07	5.60E-05	8.82E-09	3.07E-09
4863	492863.09, 3861877.25	2.69E-03	4.25E-07	1.48E-07	1.00E-04	1.58E-08	5.51E-09	2.71E-03	4.27E-07	1.49E-07	1.16E-04	1.83E-08	6.37E-09	2.78E-03	4.38E-07	1.53E-07	5.27E-05	8.31E-09	2.89E-09
4864	493363.09, 3861877.25	2.63E-03	4.14E-07	1.44E-07	9.61E-05	1.51E-08	5.28E-09	2.64E-03	4.16E-07	1.45E-07	1.11E-04	1.75E-08	6.10E-09	2.71E-03	4.27E-07	1.49E-07	5.05E-05	7.96E-09	2.77E-09
4865	493863.09, 3861877.25	2.54E-03	4.00E-07	1.39E-07	9.53E-05	1.50E-08	5.23E-09	2.56E-03	4.03E-07	1.40E-07	1.10E-04	1.74E-08	6.04E-09	2.62E-03	4.13E-07	1.44E-07	5.01E-05	7.89E-09	2.75E-09
4866	494363.09, 3861877.25	2.44E-03	3.85E-07	1.34E-07	9.56E-05	1.51E-08	5.24E-09	2.46E-03	3.87E-07	1.35E-07	1.10E-04	1.74E-08	6.06E-09	2.52E-03	3.97E-07	1.38E-07	5.03E-05	7.92E-09	2.76E-09
4867	494863.09, 3861877.25	2.36E-03	3.71E-07	1.29E-07	9.74E-05	1.53E-08	5.35E-09	2.37E-03	3.74E-07	1.30E-07	1.13E-04	1.77E-08	6.18E-09	2.43E-03	3.82E-07	1.33E-07	5.12E-05	8.07E-09	2.81E-09
4868	495363.09, 3861877.25	2.26E-03	3.57E-07	1.24E-07	1.01E-04	1.59E-08	5.53E-09	2.28E-03	3.59E-07	1.25E-07	1.16E-04	1.83E-08	6.39E-09	2.33E-03	3.66E-07	1.28E-07	5.29E-05	8.34E-09	2.91E-09
4869	495863.09, 3861877.25	2.18E-03	3.43E-07	1.19E-07	1.05E-04	1.65E-08	5.75E-09	2.19E-03	3.46E-07	1.20E-07	1.21E-04	1.91E-08	6.64E-09	2.23E-03	3.51E-07	1.22E-07	5.50E-05	8.67E-09	3.02E-09
4870	496363.09, 3861877.25	2.10E-03	3.31E-07	1.15E-07	1.08E-04	1.70E-08	5.92E-09	2.12E-03	3.34E-07	1.16E-07	1.25E-04	1.96E-08	6.84E-09	2.15E-03	3.39E-07	1.18E-07	5.66E-05	8.92E-09	3.11E-09
4871	496863.09, 3861877.25	2.06E-03	3.24E-07	1.13E-07	1.15E-04	1.81E-08	6.31E-09	2.08E-03	3.27E-07	1.14E-07	1.33E-04	2.10E-08	7.30E-09	2.10E-03	3.30E-07	1.15E-07	6.05E-05	9.52E-09	3.32E-09
4872	497363.09, 3861877.25	1.98E-03	3.12E-07	1.09E-07	1.09E-04	1.72E-08	6.01E-09	2.00E-03	3.15E-07	1.10E-07	1.27E-04	1.99E-08	6.95E-09	2.02E-03	3.18E-07	1.11E-07	5.75E-05	9.07E-09	3.16E-09
4873	497863.09, 3861877.25	1.90E-03	2.99E-07	1.04E-07	1.06E-04	1.67E-08	5.80E-09	1.92E-03	3.02E-07	1.05E-07	1.22E-04	1.93E-08	6.71E-09	1.94E-03	3.05E-07	1.06E-07	5.56E-05	8.76E-09	3.05E-09
4874	498363.09, 3861877.25	1.83E-03	2.88E-07	1.00E-07	1.03E-04	1.62E-08	5.65E-09	1.84E-03	2.91E-07	1.01E-07	1.19E-04	1.87E-08	6.53E-09	1.86E-03	2.93E-07	1.02E-07	5.42E-05	8.53E-09	2.97E-09
4875	471363.09, 3862377.25	3.49E-04	5.49E-08	1.91E-08	3.78E-05	5.96E-09	2.07E-09	3.55E-04	5.60E-08	1.95E-08	4.37E-05	6.88E-09	2.40E-09	3.43E-04	5.41E-08	1.88E-08	1.99E-05	3.14E-09	1.09E-09
4876	471863.09, 3862377.25	3.63E-04	5.72E-08	1.99E-08	3.93E-05	6.20E-09	2.16E-09	3.70E-04	5.83E-08	2.03E-08	4.55E-05	7.16E-09	2.49E-09	3.58E-04	5.64E-08	1.96E-08	2.07E-05	3.27E-09	1.14E-09
4877	472363.09, 3862377.25	3.81E-04	6.01E-08	2.09E-08	4.06E-05	6.39E-09	2.23E-09	3.88E-04	6.12E-08	2.13E-08	4.69E-05	7.39E-09	2.57E-09	3.76E-04	5.92E-08	2.06E-08	2.14E-05	3.37E-09	1.17E-09
4878	472863.09, 3862377.25	3.99E-04	6.29E-08	2.19E-08	4.17E-05	6.57E-09	2.29E-09	4.06E-04	6.40E-08	2.23E-08	4.82E-05	7.59E-09	2.64E-09	3.94E-04	6.21E-08	2.16E-08	2.20E-05	3.46E-09	1.21E-09
4879	473363.09, 3862377.25	4.17E-04	6.56E-08	2.29E-08	4.27E-05	6.72E-09	2.34E-09	4.24E-04	6.68E-08	2.33E-08	4.93E-05	7.77E-09	2.71E-09	4.12E-04	6.49E-08	2.26E-08	2.25E-05	3.55E-09	1.24E-09
4880	473863.09, 3862377.25	4.33E-04	6.83E-08	2.38E-08	4.38E-05	6.91E-09	2.41E-09	4.41E-04	6.94E-08	2.42E-08	5.07E-05	7.98E-09	2.78E-09	4.29E-04	6.75E-08	2.35E-08	2.31E-05	3.64E-09	1.27E-09
4881	474363.09, 3862377.25	4.48E-04	7.05E-08	2.46E-08	4.53E-05	7.13E-09	2.48E-09	4.55E-04	7.17E-08	2.50E-08	5.23E-05	8.24E-09	2.87E-09	4.43E-04	6.98E-08	2.43E-08	2.39E-05	3.76E-09	1.31E-09
4882	474863.09, 3862377.25	4.59E-04	7.23E-08	2.52E-08	4.68E-05	7.38E-09	2.57E-09	4.67E-04	7.36E-08	2.56E-08	5.41E-05	8.52E-09	2.97E-09	4.54E-04	7.15E-08	2.49E-08	2.47E-05	3.89E-09	1.35E-09
4883	475363.09, 3862377.25	4.87E-04	7.68E-08	2.67E-08	4.83E-05	7.62E-09	2.65E-09	4.96E-04	7.81E-08	2.72E-08	5.59E-05	8.80E-09	3.07E-09	4.83E-04	7.61E-08	2.65E-08	2.55E-05	4.02E-09	1.40E-09
4884	475863.09, 3862377.25	5.14E-04	8.09E-08	2.82E-08	4.97E-05	7.83E-09	2.73E-09	5.22E-04	8.23E-08	2.87E-08	5.74E-05	9.05E-09	3.15E-09	5.10E-04	8.03E-08	2.80E-08	2.62E-05	4.13E-09	1.44E-09
4885	476363.09, 3862377.25	5.36E-04	8.45E-08	2.94E-08	5.08E-05	8.00E-09	2.79E-09	5.45E-04	8.58E-08	2.99E-08	5.87E-05	9.24E-09	3.22E-09	5.33E-04	8.39E-08	2.92E-08	2.68E-05	4.22E-09	1.47E-09
4886	476863.09, 3862377.25	5.55E-04	8.74E-08	3.05E-08	5.15E-05	8.12E-09	2.83E-09	5.64E-04	8.88E-08	3.09E-08	5.96E-05	9.38E-09	3.27E-09	5.52E-04	8.70E-08	3.03E-08	2.72E-05	4.28E-09	1.49E-09
4887	477363.09, 3862377.25	5.53E-04	8.72E-08	3.04E-08	5.19E-05	8.18E-09	2.85E-09	5.62E-04	8.86E-08	3.09E-08	6.00E-05	9.45E-09	3.29E-09	5.50E-04	8.66E-08	3.02E-08	2.74E-05	4.31E-09	1.50E-09

4888	477863.09, 3862377.25	4.49E-04	7.08E-08	2.47E-08	5.07E-05	7.99E-09	2.78E-09	4.58E-04	7.21E-08	2.51E-08	5.86E-05	9.22E-09	3.21E-09	4.40E-04	6.93E-08	2.42E-08	2.69E-05	4.24E-09	1.48E-09
4889	478363.09, 3862377.25	3.47E-04	5.46E-08	1.90E-08	4.64E-05	7.31E-09	2.55E-09	3.55E-04	5.58E-08	1.95E-08	5.36E-05	8.44E-09	2.94E-09	3.35E-04	5.27E-08	1.84E-08	2.46E-05	3.88E-09	1.35E-09
4890	478863.09, 3862377.25	3.66E-04	5.77E-08	2.01E-08	5.02E-05	7.91E-09	2.76E-09	3.75E-04	5.90E-08	2.06E-08	5.80E-05	9.14E-09	3.18E-09	3.53E-04	5.56E-08	1.94E-08	2.65E-05	4.18E-09	1.46E-09
4891	479363.09, 3862377.25	4.56E-04	7.18E-08	2.50E-08	5.85E-05	9.22E-09	3.21E-09	4.66E-04	7.34E-08	2.56E-08	6.76E-05	1.07E-08	3.71E-09	4.43E-04	6.97E-08	2.43E-08	3.09E-05	4.86E-09	1.69E-09
4892	479863.09, 3862377.25	7.57E-04	1.19E-07	4.16E-08	6.77E-05	1.07E-08	3.71E-09	7.69E-04	1.21E-07	4.22E-08	7.82E-05	1.23E-08	4.29E-09	7.55E-04	1.19E-07	4.14E-08	3.56E-05	5.61E-09	1.95E-09
4893	480363.09, 3862377.25	9.04E-04	1.42E-07	4.96E-08	7.16E-05	1.13E-08	3.93E-09	9.16E-04	1.44E-07	5.03E-08	8.28E-05	1.30E-08	4.54E-09	9.08E-04	1.43E-07	4.98E-08	3.77E-05	5.93E-09	2.07E-09
4894	480863.09, 3862377.25	9.79E-04	1.54E-07	5.37E-08	7.60E-05	1.20E-08	4.17E-09	9.92E-04	1.56E-07	5.44E-08	8.78E-05	1.38E-08	4.82E-09	9.84E-04	1.55E-07	5.40E-08	3.99E-05	6.29E-09	2.19E-09
4895	481363.09, 3862377.25	1.05E-03	1.65E-07	5.74E-08	8.08E-05	1.27E-08	4.44E-09	1.06E-03	1.67E-07	5.82E-08	9.35E-05	1.47E-08	5.13E-09	1.05E-03	1.66E-07	5.78E-08	4.25E-05	6.69E-09	2.33E-09
4896	481863.09, 3862377.25	1.12E-03	1.76E-07	6.13E-08	8.45E-05	1.33E-08	4.64E-09	1.13E-03	1.78E-07	6.21E-08	9.77E-05	1.54E-08	5.36E-09	1.12E-03	1.77E-07	6.17E-08	4.44E-05	6.99E-09	2.44E-09
4897	482363.09, 3862377.25	1.19E-03	1.87E-07	6.52E-08	8.70E-05	1.37E-08	4.77E-09	1.20E-03	1.89E-07	6.60E-08	1.01E-04	1.58E-08	5.52E-09	1.20E-03	1.89E-07	6.57E-08	4.57E-05	7.20E-09	2.51E-09
4898	482863.09, 3862377.25	1.25E-03	1.98E-07	6.88E-08	8.99E-05	1.42E-08	4.93E-09	1.27E-03	2.00E-07	6.97E-08	1.04E-04	1.64E-08	5.71E-09	1.27E-03	1.99E-07	6.95E-08	4.72E-05	7.44E-09	2.59E-09
4899	483363.09, 3862377.25	1.31E-03	2.07E-07	7.20E-08	9.27E-05	1.46E-08	5.09E-09	1.33E-03	2.09E-07	7.29E-08	1.07E-04	1.69E-08	5.89E-09	1.33E-03	2.09E-07	7.28E-08	4.87E-05	7.67E-09	2.67E-09
4900	483863.09, 3862377.25	1.40E-03	2.20E-07	7.67E-08	9.23E-05	1.45E-08	5.07E-09	1.41E-03	2.23E-07	7.76E-08	1.07E-04	1.68E-08	5.86E-09	1.42E-03	2.23E-07	7.78E-08	4.84E-05	7.63E-09	2.66E-09
4901	484363.09, 3862377.25	1.48E-03	2.33E-07	8.13E-08	9.19E-05	1.45E-08	5.04E-09	1.50E-03	2.36E-07	8.22E-08	1.06E-04	1.67E-08	5.83E-09	1.51E-03	2.37E-07	8.26E-08	4.82E-05	7.59E-09	2.65E-09
4902	484863.09, 3862377.25	1.56E-03	2.46E-07	8.57E-08	8.97E-05	1.41E-08	4.92E-09	1.58E-03	2.49E-07	8.66E-08	1.04E-04	1.64E-08	5.70E-09	1.59E-03	2.51E-07	8.74E-08	4.70E-05	7.41E-09	2.58E-09
4903	485363.09, 3862377.25	1.66E-03	2.61E-07	9.10E-08	8.71E-05	1.37E-08	4.78E-09	1.67E-03	2.63E-07	9.18E-08	1.01E-04	1.59E-08	5.53E-09	1.69E-03	2.67E-07	9.30E-08	4.57E-05	7.20E-09	2.51E-09
4904	485863.09, 3862377.25	1.75E-03	2.76E-07	9.61E-08	8.29E-05	1.31E-08	4.55E-09	1.76E-03	2.78E-07	9.69E-08	9.59E-05	1.51E-08	5.26E-09	1.80E-03	2.83E-07	9.85E-08	4.35E-05	6.85E-09	2.39E-09
4905	486363.09, 3862377.25	1.86E-03	2.93E-07	1.02E-07	8.05E-05	1.27E-08	4.42E-09	1.87E-03	2.95E-07	1.03E-07	9.31E-05	1.47E-08	5.11E-09	1.91E-03	3.01E-07	1.05E-07	4.22E-05	6.65E-09	2.32E-09
4906	486863.09, 3862377.25	1.94E-03	3.05E-07	1.06E-07	8.04E-05	1.27E-08	4.41E-09	1.95E-03	3.07E-07	1.07E-07	9.30E-05	1.47E-08	5.10E-09	1.99E-03	3.14E-07	1.09E-07	4.21E-05	6.64E-09	2.31E-09
4907	487363.09, 3862377.25	2.02E-03	3.18E-07	1.11E-07	8.21E-05	1.29E-08	4.51E-09	2.03E-03	3.20E-07	1.12E-07	9.50E-05	1.50E-08	5.21E-09	2.08E-03	3.28E-07	1.14E-07	4.31E-05	6.79E-09	2.36E-09
4908	487863.09, 3862377.25	2.05E-03	3.22E-07	1.12E-07	8.42E-05	1.33E-08	4.62E-09	2.06E-03	3.25E-07	1.13E-07	9.74E-05	1.53E-08	5.34E-09	2.11E-03	3.32E-07	1.16E-07	4.42E-05	6.97E-09	2.43E-09
4909	488363.09, 3862377.25	1.99E-03	3.13E-07	1.09E-07	8.26E-05	1.30E-08	4.53E-09	2.00E-03	3.16E-07	1.10E-07	9.55E-05	1.50E-08	5.24E-09	2.05E-03	3.23E-07	1.12E-07	4.34E-05	6.83E-09	2.38E-09
4910	488863.09, 3862377.25	1.99E-03	3.13E-07	1.09E-07	8.12E-05	1.28E-08	4.46E-09	2.00E-03	3.15E-07	1.10E-07	9.40E-05	1.48E-08	5.16E-09	2.05E-03	3.23E-07	1.12E-07	4.26E-05	6.71E-09	2.34E-09
4911	489363.09, 3862377.25	2.04E-03	3.21E-07	1.12E-07	8.37E-05	1.32E-08	4.60E-09	2.05E-03	3.23E-07	1.13E-07	9.69E-05	1.53E-08	5.32E-09	2.10E-03	3.30E-07	1.15E-07	4.39E-05	6.91E-09	2.41E-09
4912	489863.09, 3862377.25	2.08E-03	3.28E-07	1.14E-07	8.64E-05	1.36E-08	4.74E-09	2.10E-03	3.31E-07	1.15E-07	9.99E-05	1.57E-08	5.48E-09	2.15E-03	3.38E-07	1.18E-07	4.52E-05	7.13E-09	2.48E-09
4913	490363.09, 3862377.25	2.14E-03	3.37E-07	1.17E-07	8.69E-05	1.37E-08	4.77E-09	2.15E-03	3.39E-07	1.18E-07	1.01E-04	1.58E-08	5.52E-09	2.20E-03	3.47E-07	1.21E-07	4.56E-05	7.18E-09	2.50E-09
4914	490863.09, 3862377.25	2.14E-03	3.37E-07	1.17E-07	8.87E-05	1.40E-08	4.87E-09	2.15E-03	3.39E-07	1.18E-07	1.03E-04	1.62E-08	5.63E-09	2.20E-03	3.47E-07	1.21E-07	4.65E-05	7.33E-09	2.55E-09
4915	491363.09, 3862377.25	2.09E-03	3.30E-07	1.15E-07	8.85E-05	1.39E-08	4.86E-09	2.11E-03	3.32E-07	1.16E-07	1.02E-04	1.61E-08	5.62E-09	2.15E-03	3.39E-07	1.18E-07	4.65E-05	7.32E-09	2.55E-09
4916	491863.09, 3862377.25	2.06E-03	3.24E-07	1.13E-07	8.93E-05	1.41E-08	4.90E-09	2.07E-03	3.27E-07	1.14E-07	1.03E-04	1.63E-08	5.67E-09	2.12E-03	3.33E-07	1.16E-07	4.69E-05	7.38E-09	2.57E-09
4917	492363.09, 3862377.25	2.07E-03	3.27E-07	1.14E-07	9.41E-05	1.48E-08	5.16E-09	2.09E-03	3.29E-07	1.15E-07	1.09E-04	1.71E-08	5.97E-09	2.13E-03	3.35E-07	1.17E-07	4.94E-05	7.78E-09	2.71E-09
4918	492863.09, 3862377.25	2.08E-03	3.27E-07	1.14E-07	9.41E-05	1.48E-08	5.16E-09	2.09E-03	3.30E-07	1.15E-07	1.09E-04	1.71E-08	5.97E-09	2.13E-03	3.36E-07	1.17E-07	4.94E-05	7.78E-09	2.71E-09
4919	493363.09, 3862377.25	2.06E-03	3.24E-07	1.13E-07	8.91E-05	1.40E-08	4.89E-09	2.07E-03	3.26E-07	1.14E-07	1.03E-04	1.62E-08	5.65E-09	2.11E-03	3.33E-07	1.16E-07	4.68E-05	7.37E-09	2.57E-09
4920	493863.09, 3862377.25	2.02E-03	3.19E-07	1.11E-07	8.45E-05	1.33E-08	4.64E-09	2.04E-03	3.21E-07	1.12E-07	9.77E-05	1.54E-08	5.36E-09	2.08E-03	3.28E-07	1.14E-07	4.44E-05	7.00E-09	2.44E-09
4921	494363.09, 3862377.25	1.99E-03	3.13E-07	1.09E-07	8.31E-05	1.31E-08	4.56E-09	2.00E-03	3.15E-07	1.10E-07	9.60E-05	1.51E-08	5.27E-09	2.04E-03	3.22E-07	1.12E-07	4.37E-05	6.88E-09	2.40E-09
4922	494863.09, 3862377.25	1.94E-03	3.06E-07	1.07E-07	8.33E-05	1.31E-08	4.57E-09	1.96E-03	3.08E-07	1.07E-07	9.63E-05	1.52E-08	5.29E-09	2.00E-03	3.15E-07	1.10E-07	4.38E-05	6.90E-09	2.40E-09
4923	495363.09, 3862377.25	1.88E-03	2.95E-07	1.03E-07	8.33E-05	1.31E-08	4.57E-09	1.89E-03	2.98E-07	1.04E-07	9.63E-05	1.52E-08	5.28E-09	1.93E-03	3.03E-07	1.06E-07	4.38E-05	6.90E-09	2.40E-09
4924	495863.09, 3862377.25	1.81E-03	2.86E-07	9.96E-08	8.47E-05	1.34E-08	4.65E-09	1.83E-03	2.88E-07	1.00E-07	9.80E-05	1.54E-08	5.38E-09	1.86E-03	2.93E-07	1.02E-07	4.46E-05	7.02E-09	2.45E-09
4925	496363.09, 3862377.25	1.76E-03	2.77E-07	9.63E-08	8.76E-05	1.38E-08	4.81E-09	1.77E-03	2.79E-07	9.71E-08	1.01E-04	1.59E-08	5.56E-09	1.80E-03	2.83E-07	9.86E-08	4.60E-05	7.25E-09	2.52E-09
4926	496863.09, 3862377.25	1.72E-03	2.71E-07	9.44E-08	9.17E-05	1.44E-08	5.03E-09	1.74E-03	2.73E-07	9.52E-08	1.06E-04	1.67E-08	5.82E-09	1.76E-03	2.77E-07	9.64E-08	4.82E-05	7.59E-09	2.64E-09
4927	497363.09, 3862377.25	1.66E-03	2.62E-07	9.12E-08	9.31E-05	1.47E-08	5.11E-09	1.68E-03	2.64E-07	9.21E-08	1.08E-04	1.70E-08	5.91E-09	1.69E-03	2.67E-07	9.30E-08	4.89E-05	7.70E-09	2.68E-09
4928	497863.09, 3862377.25	1.61E-03	2.54E-07	8.85E-08	9.31E-05	1.47E-08	5.11E-09	1.63E-03	2.57E-07	8.94E-08	1.08E-04	1.70E-08	5.91E-09	1.64E-03	2.59E-07	9.02E-08	4.89E-05	7.70E-09	2.68E-09
4929	498363.09, 3862377.25	1.56E-03	2.46E-07	8.56E-08	9.12E-05	1.44E-08	5.01E-09	1.58E-03	2.48E-07	8.64E-08	1.05E-04	1.66E-08	5.79E-09	1.59E-03	2.50E-07	8.71E-08	4.79E-05	7.55E-09	2.63E-09
4930	471363.09, 3862877.25	3.42E-04	5.40E-08	1.88E-08	3.63E-05	5.72E-09	1.99E-09	3.49E-04	5.49E-08	1.91E-08	4.20E-05	6.61E-09	2.30E-09	3.38E-04	5.32E-08	1.85E-08	1.92E-05	3.02E-09	1.05E-09
4931	471863.09, 3862877.25	3.57E-04	5.63E-08	1.96E-08	3.72E-05	5.86E-09	2.04E-09	3.63E-04	5.73E-08	1.99E-08	4.30E-05	6.78E-09	2.36E-09	3.53E-04	5.55E-08	1.93E-08	1.96E-05	3.09E-09	1.08E-09
4932	472363.09, 3862877.25	3.73E-04	5.88E-08	2.05E-08	3.80E-05	5.99E-09	2.09E-09	3.80E-04	5.98E-08	2.08E-08	4.40E-05	6.93E-09	2.41E-09	3.69E-04	5.81E-08	2.02E-08	2.01E-05	3.16E-09	1.10E-09
4933	472863.09, 3862877.25	3.88E-04	6.11E-08	2.13E-08	3.89E-05	6.13E-09	2.14E-09	3.94E-04	6.21E-08	2.16E-08	4.50E-05	7.09E-09	2.47E-09	3.83E-04	6.04E-08	2.10E-08	2.05E-05	3.24E-09	1.13E-09
4934	473363.09, 3862877.25	4.03E-04	6.35E-08	2.21E-08	3.99E-05	6.29E-09	2.19E-09	4.10E-04	6.45E-08	2.25E-08	4.62E-05	7.27E-09	2.53E-09	3.99E-04	6.29E-08	2.19E-08	2.11E-05	3.32E-09	1.16E-09
4935	473863.09, 3862877.25	4.19E-04	6.60E-08	2.30E-08	4.11E-05	6.48E-09	2.26E-09	4.26E-04	6.71E-08	2.34E-08	4.75E-05	7.48E-09	2.61E-09	4.15E-04	6.54E-08	2.28E-08	2.17E-05	3.42E-09	1.19E-09
4936	474363.09, 3862877.25	4.34E-04	6.84E-08	2.38E-08	4.23E-05	6.67E-09	2.32E-09	4.41E-04	6.95E-08	2.42E-08	4.89E-05	7.71E-09	2.69E-09	4.31E-04	6.78E-08	2.36E-08	2.23E-05	3.52E-09	1.23E-09
4937	474863.09, 3862877.25	4.51E-04	7.11E-08	2.48E-08	4.34E-05	6.83E-09	2.38E-09	4.59E-04	7.22E-08	2.52E-08	5.01E-05	7.90E-09	2.75E-09	4.48E-04	7.05E-08	2.46E-08	2.29E-05	3.61E-09	1.26E-09
4938	475363.09, 3862877.25	4.74E-04	7.46E-08	2.60E-08	4.41E-05	6.95E-09	2.42E-09	4.81E-04	7.58E-08	2.64E-08	5.10E-05	8.03E-09	2.80E-09	4.71E-04	7.42E-08	2.59E-08	2.33E-05	3.67E-09	1.28E-09
4939	475863.09, 3862877.25	4.96E-04	7.81E-08	2.72E-08	4.47E-05	7.04E-09	2.45E-09	5.03E-04	7.93E-08	2.76E-08	5.16E-05	8.13E-09	2.83E-09	4.94E-04	7.78E-08	2.71E-08	2.36E-05	3.71E-09	1.29E-09
4940	476363.09, 3862877.25	5.19E-04	8.18E-08	2.85E-08	4.52E-05	7.12E-09	2.48E-09	5.27E-04	8.30E-08	2.89E-08	5.22E-05	8.23E-09	2.87E-09	5.19E-04	8.17E-08	2.85E-08	2.38E-05	3.76E-09	1.31E-09
4941	476863.09, 3862877.25	5.40E-04	8.51E-08	2.97E-08	4.62E-05	7.27E-09	2.53E-09	5.48E-04	8.63E-08	3.01E-08	5.33E-05	8.40E-09	2.93E-09	5.40E-04	8.51E-08	2.96E-08	2.43E-05	3.83E-09	1.34E-09
4942	477363.09, 3862877.25	5.58E-04	8.79E-08	3.06E-08	4.79E-05	7.54E-09	2.63E-09	5.66E-04	8.91E-08	3.11E-08	5.53E-05	8.72E-09	3.04E-09	5.57E-04	8.78E-08	3.06E-08	2.52E-05	3.98E-09	1.39E-09
4943	477863.09, 3862877.25	5.25E-04	8.27E-08	2.88E-08	4.98E-05	7.85E-09	2.74E-09	5.34E-04	8.40E-08	2.93E-08	5.76E-05	9.07E-09	3.16E-09	5.22E-04	8.22E-08	2.86E-08	2.63E-05	4.14E-09	1.44E-09
4944	478363.09, 3862877.25	4.15E-04	6.54E-08	2.28E-08	4.97E-05	7.83E-09	2.73E-09	4.24E-04	6.67E-08	2.32E-08	5.74E-05	9.05E-09	3.15E-09	4.05E-04	6.39E-08	2.22E-08	2.63E-05	4.14E-09	1.44E-09
4945	478863.09, 3862877.25	4.40E-04	6.94E-08	2.42E-08	5.30E-05	8.36E-09	2.91E-09	4.49E-04	7.08E-08	2.47E-08	6.13E-05	9.65E-09	3.36E-09	4.30E-04	6.77E-08	2.36E-08	2.80E-05	4.41E-09	1.54E-09
4946	479363.09, 3862877.25	4.81E-04	7.57E-08	2.64E-08	5.58E-05	8.78E-09	3.06E-09	4.90E-04	7.72E-08	2.69E-08	6.44E-05	1.02E-08	3.54E-09	4.71E-04	7.41E-08	2.58E-08	2.94E-05	4.64E-09	1.61E-09
4947	479863.09, 3862877.25	7.80E-04	1.23E-07	4.28E-08	6.27E-05	9.88E-09	3.44E-09	7.91E-04	1.25E-07	4.34E-08	7.25E-05	1.14E-08	3.98E-09	7.83E-04	1.23E-07	4.30E-08	3.30E-05	5.20E-09	1.81E-09
4948	480363.09, 3862877.25	8.53E-04	1.34E-07	4.68E-08	6.60E-05	1.04E-08	3.62E-09	8.64E-04	1.36E-07	4.74E-08	7.64E-05	1.20E-08	4.19E-09	8.58E-04	1.35E-07	4.71E-08	3.48E-05	5.48E-09	1.91E-09
4949	480863.09, 3862877.25	9.10E-04	1.43E-07	4.99E-08	7.04E-05	1.11E-08	3.86E-09	9.22E-04	1.45E-07	5.06E-08	8.13E-05	1.28E-08	4.46E-09	9.15E-04	1.44E-07	5.02E-08	3.70E-05	5.83E-09	2.03E-09
4950	481363.09, 3862877.25	9.64E-04	1.52E-07	5.29E-08	7.39E-05	1.16E-08	4.06E-09	9.77E-04	1.54E-07	5.36E-08	8.54E-05	1.35E-08	4.69E-09	9.70E-04	1.53E-07	5.32E-08	3.88E-05	6.12E-09	2.13E-09
4951	481863.09, 3862877.25	9.98E-04	1.57E-07	5.48E-08	7.67E-05	1.21E-08	4.21E-09	1.01E-03	1.59E-07	5.55E-08	8.87E-05	1.40E-08	4.87E-09	1.00E-03	1.58E-07	5.51E-08	4.03E-05	6.35E-09	2.21E-09
4952	482363.09, 3862877.25	1.05E-03	1.66E-07	5.78E-08	7.73E-05	1.22E-08	4.24E-09	1.07E-03	1.68E-07	5.85E-08	8.93E-05	1.41E-08	4.90E-09	1.06E-03	1.67E-07	5.82E-08	4.06E-05	6.39E-09	2.23E-09
4953	482863.09, 3862877.25	1.10E-03	1.74E-07	6.05E-08	8.01E-05	1.26E-08	4.40E-09	1.12E-03	1.76E-07	6.13E-08	9.27E-05	1.46E-08	5.09E-09	1.11E-03	1.75E-07	6.11E-08	4.21E-05	6.63E-09	2.31E-09
4954	483363.09, 3862877.25	1.16E-03	1.82E-07	6.35E-08	8.17E-05	1.29E-08	4.48E-09	1.17E-03	1.84E-07	6.42E-08	9.45E-05	1.49E-08	5.19E-09	1.17E-03	1.84E-07	6.41E-08	4.29E-05	6.75E-09	2.35E-09

4955	483863.09, 3862877.25	1.21E-03	1.90E-07	6.64E-08	8.09E-05	1.28E-08	4.44E-09	1.22E-03	1.93E-07	6.71E-08	9.36E-05	1.47E-08	5.14E-09	1.22E-03	1.93E-07	6.72E-08	4.25E-05	6.69E-09	2.33E-09
4956	484363.09, 3862877.25	1.25E-03	1.97E-07	6.86E-08	8.01E-05	1.26E-08	4.40E-09	1.26E-03	1.99E-07	6.94E-08	9.27E-05	1.46E-08	5.09E-09	1.27E-03	2.00E-07	6.97E-08	4.20E-05	6.62E-09	2.31E-09
4957	484863.09, 3862877.25	1.31E-03	2.07E-07	7.20E-08	7.90E-05	1.25E-08	4.34E-09	1.33E-03	2.09E-07	7.27E-08	9.14E-05	1.44E-08	5.02E-09	1.33E-03	2.10E-07	7.32E-08	4.15E-05	6.53E-09	2.28E-09
4958	485363.09, 3862877.25	1.40E-03	2.20E-07	7.66E-08	7.68E-05	1.21E-08	4.21E-09	1.41E-03	2.22E-07	7.73E-08	8.88E-05	1.40E-08	4.87E-09	1.42E-03	2.24E-07	7.81E-08	4.03E-05	6.35E-09	2.21E-09
4959	485863.09, 3862877.25	1.46E-03	2.31E-07	8.03E-08	7.24E-05	1.14E-08	3.97E-09	1.48E-03	2.32E-07	8.10E-08	8.38E-05	1.32E-08	4.60E-09	1.50E-03	2.36E-07	8.22E-08	3.80E-05	5.98E-09	2.08E-09
4960	486363.09, 3862877.25	1.54E-03	2.42E-07	8.44E-08	7.10E-05	1.12E-08	3.90E-09	1.55E-03	2.44E-07	8.50E-08	8.21E-05	1.29E-08	4.51E-09	1.58E-03	2.48E-07	8.66E-08	3.72E-05	5.86E-09	2.04E-09
4961	486863.09, 3862877.25	1.54E-03	2.43E-07	8.45E-08	7.02E-05	1.11E-08	3.85E-09	1.55E-03	2.44E-07	8.52E-08	8.12E-05	1.28E-08	4.46E-09	1.58E-03	2.49E-07	8.68E-08	3.68E-05	5.80E-09	2.02E-09
4962	487363.09, 3862877.25	1.58E-03	2.49E-07	8.67E-08	7.20E-05	1.13E-08	3.95E-09	1.59E-03	2.51E-07	8.74E-08	8.33E-05	1.31E-08	4.57E-09	1.62E-03	2.55E-07	8.90E-08	3.78E-05	5.95E-09	2.07E-09
4963	487863.09, 3862877.25	1.60E-03	2.52E-07	8.77E-08	7.44E-05	1.17E-08	4.08E-09	1.61E-03	2.54E-07	8.84E-08	8.60E-05	1.35E-08	4.72E-09	1.64E-03	2.58E-07	8.99E-08	3.91E-05	6.15E-09	2.14E-09
4964	488363.09, 3862877.25	1.55E-03	2.45E-07	8.52E-08	7.39E-05	1.16E-08	4.06E-09	1.57E-03	2.47E-07	8.59E-08	8.55E-05	1.35E-08	4.69E-09	1.59E-03	2.51E-07	8.74E-08	3.88E-05	6.11E-09	2.13E-09
4965	488863.09, 3862877.25	1.54E-03	2.42E-07	8.45E-08	7.14E-05	1.13E-08	3.92E-09	1.55E-03	2.44E-07	8.52E-08	8.26E-05	1.30E-08	4.53E-09	1.58E-03	2.49E-07	8.67E-08	3.75E-05	5.90E-09	2.06E-09
4966	489363.09, 3862877.25	1.57E-03	2.47E-07	8.62E-08	7.22E-05	1.14E-08	3.96E-09	1.58E-03	2.49E-07	8.69E-08	8.35E-05	1.32E-08	4.58E-09	1.61E-03	2.54E-07	8.85E-08	3.78E-05	5.96E-09	2.08E-09
4967	489863.09, 3862877.25	1.60E-03	2.51E-07	8.75E-08	7.52E-05	1.19E-08	4.13E-09	1.61E-03	2.53E-07	8.83E-08	8.70E-05	1.37E-08	4.78E-09	1.64E-03	2.58E-07	8.98E-08	3.94E-05	6.21E-09	2.16E-09
4968	490363.09, 3862877.25	1.63E-03	2.57E-07	8.96E-08	7.63E-05	1.20E-08	4.18E-09	1.65E-03	2.59E-07	9.03E-08	8.82E-05	1.39E-08	4.84E-09	1.67E-03	2.64E-07	9.19E-08	4.00E-05	6.30E-09	2.19E-09
4969	490863.09, 3862877.25	1.67E-03	2.64E-07	9.19E-08	7.67E-05	1.21E-08	4.21E-09	1.69E-03	2.66E-07	9.26E-08	8.87E-05	1.40E-08	4.87E-09	1.72E-03	2.71E-07	9.43E-08	4.02E-05	6.34E-09	2.21E-09
4970	491363.09, 3862877.25	1.69E-03	2.66E-07	9.28E-08	7.92E-05	1.25E-08	4.35E-09	1.70E-03	2.68E-07	9.35E-08	9.16E-05	1.44E-08	5.03E-09	1.73E-03	2.73E-07	9.52E-08	4.16E-05	6.55E-09	2.28E-09
4971	491863.09, 3862877.25	1.64E-03	2.58E-07	8.98E-08	7.77E-05	1.22E-08	4.27E-09	1.65E-03	2.60E-07	9.06E-08	8.99E-05	1.42E-08	4.93E-09	1.68E-03	2.64E-07	9.21E-08	4.08E-05	6.43E-09	2.24E-09
4972	492363.09, 3862877.25	1.60E-03	2.53E-07	8.80E-08	7.90E-05	1.24E-08	4.33E-09	1.62E-03	2.55E-07	8.87E-08	9.13E-05	1.44E-08	5.01E-09	1.64E-03	2.59E-07	9.01E-08	4.15E-05	6.53E-09	2.28E-09
4973	492863.09, 3862877.25	1.61E-03	2.53E-07	8.81E-08	8.30E-05	1.31E-08	4.55E-09	1.62E-03	2.55E-07	8.89E-08	9.60E-05	1.51E-08	5.27E-09	1.64E-03	2.59E-07	9.01E-08	4.35E-05	6.86E-09	2.39E-09
4974	493363.09, 3862877.25	1.63E-03	2.56E-07	8.93E-08	8.37E-05	1.32E-08	4.59E-09	1.64E-03	2.59E-07	9.01E-08	9.68E-05	1.53E-08	5.31E-09	1.66E-03	2.62E-07	9.13E-08	4.39E-05	6.92E-09	2.41E-09
4975	493863.09, 3862877.25	1.64E-03	2.58E-07	8.99E-08	8.01E-05	1.26E-08	4.40E-09	1.65E-03	2.60E-07	9.06E-08	9.27E-05	1.46E-08	5.09E-09	1.68E-03	2.64E-07	9.20E-08	4.21E-05	6.63E-09	2.31E-09
4976	494363.09, 3862877.25	1.62E-03	2.56E-07	8.92E-08	7.57E-05	1.19E-08	4.16E-09	1.64E-03	2.58E-07	8.99E-08	8.76E-05	1.38E-08	4.81E-09	1.67E-03	2.63E-07	9.15E-08	3.98E-05	6.27E-09	2.18E-09
4977	494863.09, 3862877.25	1.60E-03	2.52E-07	8.78E-08	7.32E-05	1.15E-08	4.02E-09	1.61E-03	2.54E-07	8.85E-08	8.47E-05	1.33E-08	4.65E-09	1.64E-03	2.59E-07	9.01E-08	3.85E-05	6.06E-09	2.11E-09
4978	495363.09, 3862877.25	1.58E-03	2.49E-07	8.66E-08	7.30E-05	1.15E-08	4.01E-09	1.59E-03	2.51E-07	8.73E-08	8.44E-05	1.33E-08	4.63E-09	1.62E-03	2.55E-07	8.89E-08	3.84E-05	6.04E-09	2.10E-09
4979	495863.09, 3862877.25	1.55E-03	2.44E-07	8.51E-08	7.32E-05	1.15E-08	4.02E-09	1.56E-03	2.46E-07	8.58E-08	8.47E-05	1.33E-08	4.65E-09	1.59E-03	2.50E-07	8.72E-08	3.85E-05	6.07E-09	2.11E-09
4980	496363.09, 3862877.25	1.51E-03	2.38E-07	8.29E-08	7.38E-05	1.16E-08	4.05E-09	1.52E-03	2.40E-07	8.36E-08	8.53E-05	1.34E-08	4.68E-09	1.55E-03	2.44E-07	8.49E-08	3.88E-05	6.11E-09	2.13E-09
4981	496863.09, 3862877.25	1.47E-03	2.31E-07	8.05E-08	7.53E-05	1.19E-08	4.13E-09	1.48E-03	2.33E-07	8.13E-08	8.71E-05	1.37E-08	4.78E-09	1.50E-03	2.36E-07	8.24E-08	3.96E-05	6.24E-09	2.17E-09
4982	497363.09, 3862877.25	1.42E-03	2.24E-07	7.80E-08	7.77E-05	1.22E-08	4.26E-09	1.44E-03	2.26E-07	7.88E-08	8.99E-05	1.42E-08	4.93E-09	1.45E-03	2.29E-07	7.96E-08	4.08E-05	6.43E-09	2.24E-09
4983	497863.09, 3862877.25	1.38E-03	2.18E-07	7.60E-08	8.01E-05	1.26E-08	4.40E-09	1.40E-03	2.20E-07	7.67E-08	9.26E-05	1.46E-08	5.08E-09	1.41E-03	2.22E-07	7.74E-08	4.21E-05	6.63E-09	2.31E-09
4984	498363.09, 3862877.25	1.35E-03	2.13E-07	7.44E-08	8.18E-05	1.29E-08	4.49E-09	1.37E-03	2.16E-07	7.51E-08	9.46E-05	1.49E-08	5.19E-09	1.38E-03	2.17E-07	7.56E-08	4.29E-05	6.76E-09	2.36E-09
4985	471363.09, 3863377.25	3.37E-04	5.31E-08	1.85E-08	3.43E-05	5.40E-09	1.88E-09	3.43E-04	5.40E-08	1.88E-08	3.96E-05	6.23E-09	2.17E-09	3.33E-04	5.25E-08	1.83E-08	1.81E-05	2.85E-09	9.93E-10
4986	471863.09, 3863377.25	3.50E-04	5.51E-08	1.92E-08	3.50E-05	5.51E-09	1.92E-09	3.56E-04	5.60E-08	1.95E-08	4.04E-05	6.37E-09	2.22E-09	3.46E-04	5.45E-08	1.90E-08	1.85E-05	2.91E-09	1.01E-09
4987	472363.09, 3863377.25	3.63E-04	5.72E-08	1.99E-08	3.57E-05	5.63E-09	1.96E-09	3.69E-04	5.82E-08	2.03E-08	4.13E-05	6.50E-09	2.27E-09	3.60E-04	5.67E-08	1.97E-08	1.89E-05	2.97E-09	1.04E-09
4988	472863.09, 3863377.25	3.77E-04	5.94E-08	2.07E-08	3.66E-05	5.76E-09	2.01E-09	3.83E-04	6.04E-08	2.10E-08	4.23E-05	6.66E-09	2.32E-09	3.74E-04	5.89E-08	2.05E-08	1.93E-05	3.04E-09	1.06E-09
4989	473363.09, 3863377.25	3.92E-04	6.17E-08	2.15E-08	3.74E-05	5.89E-09	2.05E-09	3.98E-04	6.27E-08	2.18E-08	4.32E-05	6.81E-09	2.37E-09	3.89E-04	6.12E-08	2.13E-08	1.98E-05	3.11E-09	1.08E-09
4990	473863.09, 3863377.25	4.06E-04	6.40E-08	2.23E-08	3.82E-05	6.02E-09	2.10E-09	4.12E-04	6.50E-08	2.26E-08	4.41E-05	6.95E-09	2.42E-09	4.03E-04	6.35E-08	2.21E-08	2.02E-05	3.18E-09	1.11E-09
4991	474363.09, 3863377.25	4.20E-04	6.62E-08	2.31E-08	3.88E-05	6.11E-09	2.13E-09	4.27E-04	6.72E-08	2.34E-08	4.48E-05	7.06E-09	2.46E-09	4.18E-04	6.58E-08	2.29E-08	2.05E-05	3.23E-09	1.12E-09
4992	474863.09, 3863377.25	4.40E-04	6.93E-08	2.41E-08	3.91E-05	6.16E-09	2.15E-09	4.46E-04	7.03E-08	2.45E-08	4.52E-05	7.12E-09	2.48E-09	4.39E-04	6.91E-08	2.41E-08	2.07E-05	3.25E-09	1.13E-09
4993	475363.09, 3863377.25	4.58E-04	7.22E-08	2.52E-08	3.96E-05	6.24E-09	2.17E-09	4.65E-04	7.33E-08	2.55E-08	4.57E-05	7.21E-09	2.51E-09	4.58E-04	7.21E-08	2.51E-08	2.09E-05	3.29E-09	1.15E-09
4994	475863.09, 3863377.25	4.80E-04	7.56E-08	2.63E-08	4.03E-05	6.34E-09	2.21E-09	4.87E-04	7.67E-08	2.67E-08	4.65E-05	7.33E-09	2.55E-09	4.80E-04	7.56E-08	2.63E-08	2.12E-05	3.35E-09	1.17E-09
4995	476363.09, 3863377.25	5.07E-04	7.99E-08	2.78E-08	4.13E-05	6.50E-09	2.26E-09	5.14E-04	8.10E-08	2.82E-08	4.77E-05	7.51E-09	2.62E-09	5.08E-04	8.00E-08	2.79E-08	2.18E-05	3.43E-09	1.20E-09
4996	476863.09, 3863377.25	5.36E-04	8.44E-08	2.94E-08	4.29E-05	6.76E-09	2.35E-09	5.43E-04	8.55E-08	2.98E-08	4.96E-05	7.81E-09	2.72E-09	5.37E-04	8.46E-08	2.95E-08	2.26E-05	3.57E-09	1.24E-09
4997	477363.09, 3863377.25	5.62E-04	8.85E-08	3.08E-08	4.52E-05	7.13E-09	2.48E-09	5.69E-04	8.97E-08	3.12E-08	5.23E-05	8.24E-09	2.87E-09	5.63E-04	8.87E-08	3.09E-08	2.39E-05	3.76E-09	1.31E-09
4998	477863.09, 3863377.25	5.71E-04	8.99E-08	3.13E-08	4.80E-05	7.57E-09	2.64E-09	5.79E-04	9.12E-08	3.18E-08	5.55E-05	8.75E-09	3.05E-09	5.71E-04	9.00E-08	3.13E-08	2.53E-05	3.99E-09	1.39E-09
4999	478363.09, 3863377.25	5.23E-04	8.23E-08	2.87E-08	5.03E-05	7.92E-09	2.76E-09	5.31E-04	8.37E-08	2.92E-08	5.81E-05	9.15E-09	3.19E-09	5.19E-04	8.17E-08	2.85E-08	2.65E-05	4.18E-09	1.45E-09
5000	478863.09, 3863377.25	5.72E-04	9.01E-08	3.14E-08	5.25E-05	8.27E-09	2.88E-09	5.81E-04	9.15E-08	3.19E-08	6.07E-05	9.56E-09	3.33E-09	5.70E-04	8.97E-08	3.13E-08	2.77E-05	4.36E-09	1.52E-09
5001	479363.09, 3863377.25	6.72E-04	1.06E-07	3.69E-08	5.54E-05	8.73E-09	3.04E-09	6.81E-04	1.07E-07	3.74E-08	6.41E-05	1.01E-08	3.52E-09	6.73E-04	1.06E-07	3.69E-08	2.92E-05	4.60E-09	1.60E-09
5002	479863.09, 3863377.25	7.53E-04	1.19E-07	4.13E-08	5.79E-05	9.12E-09	3.18E-09	7.63E-04	1.20E-07	4.19E-08	6.69E-05	1.05E-08	3.67E-09	7.57E-04	1.19E-07	4.15E-08	3.05E-05	4.80E-09	1.67E-09
5003	480363.09, 3863377.25	7.95E-04	1.25E-07	4.36E-08	6.13E-05	9.65E-09	3.36E-09	8.06E-04	1.27E-07	4.42E-08	7.08E-05	1.12E-08	3.89E-09	8.00E-04	1.26E-07	4.39E-08	3.23E-05	5.08E-09	1.77E-09
5004	480863.09, 3863377.25	8.32E-04	1.31E-07	4.57E-08	6.52E-05	1.03E-08	3.58E-09	8.43E-04	1.33E-07	4.63E-08	7.53E-05	1.19E-08	4.13E-09	8.36E-04	1.32E-07	4.59E-08	3.43E-05	5.40E-09	1.88E-09
5005	481363.09, 3863377.25	8.66E-04	1.36E-07	4.75E-08	6.71E-05	1.06E-08	3.68E-09	8.77E-04	1.38E-07	4.81E-08	7.76E-05	1.22E-08	4.26E-09	8.71E-04	1.37E-07	4.78E-08	3.53E-05	5.56E-09	1.94E-09
5006	481863.09, 3863377.25	8.98E-04	1.41E-07	4.93E-08	6.79E-05	1.07E-08	3.72E-09	9.10E-04	1.43E-07	4.99E-08	7.85E-05	1.24E-08	4.31E-09	9.04E-04	1.42E-07	4.96E-08	3.57E-05	5.62E-09	1.96E-09
5007	482363.09, 3863377.25	9.36E-04	1.48E-07	5.14E-08	6.94E-05	1.09E-08	3.81E-09	9.48E-04	1.49E-07	5.20E-08	8.02E-05	1.26E-08	4.40E-09	9.44E-04	1.49E-07	5.18E-08	3.64E-05	5.74E-09	2.00E-09
5008	482863.09, 3863377.25	9.75E-04	1.54E-07	5.35E-08	7.15E-05	1.13E-08	3.93E-09	9.87E-04	1.56E-07	5.42E-08	8.27E-05	1.30E-08	4.54E-09	9.84E-04	1.55E-07	5.40E-08	3.75E-05	5.91E-09	2.06E-09
5009	483363.09, 3863377.25	1.01E-03	1.59E-07	5.54E-08	7.20E-05	1.13E-08	3.95E-09	1.02E-03	1.61E-07	5.61E-08	8.32E-05	1.31E-08	4.57E-09	1.02E-03	1.61E-07	5.60E-08	3.78E-05	5.95E-09	2.07E-09
5010	483863.09, 3863377.25	1.04E-03	1.64E-07	5.71E-08	7.11E-05	1.12E-08	3.90E-09	1.05E-03	1.66E-07	5.78E-08	8.22E-05	1.29E-08	4.51E-09	1.05E-03	1.66E-07	5.78E-08	3.73E-05	5.87E-09	2.05E-09
5011	484363.09, 3863377.25	1.08E-03	1.70E-07	5.93E-08	7.05E-05	1.11E-08	3.87E-09	1.09E-03	1.72E-07	6.00E-08	8.15E-05	1.28E-08	4.47E-09	1.10E-03	1.73E-07	6.02E-08	3.70E-05	5.82E-09	2.03E-09
5012	484863.09, 3863377.25	1.14E-03	1.80E-07	6.26E-08	7.09E-05	1.12E-08	3.89E-09	1.15E-03	1.82E-07	6.33E-08	8.20E-05	1.29E-08	4.50E-09	1.16E-03	1.83E-07	6.36E-08	3.72E-05	5.87E-09	2.04E-09
5013	485363.09, 3863377.25	1.19E-03	1.88E-07	6.55E-08	6.78E-05	1.07E-08	3.72E-09	1.21E-03	1.90E-07	6.62E-08	7.84E-05	1.24E-08	4.31E-09	1.22E-03	1.92E-07	6.68E-08	3.56E-05	5.61E-09	1.95E-09
5014	485863.09, 3863377.25	1.25E-03	1.96E-07	6.84E-08	6.42E-05	1.01E-08	3.52E-09	1.26E-03	1.98E-07	6.90E-08	7.43E-05	1.17E-08	4.08E-09	1.28E-03	2.01E-07	7.00E-08	3.37E-05	5.30E-09	1.85E-09
5015	486363.09, 3863377.25	1.28E-03	2.01E-07	7.01E-08	6.27E-05	9.88E-09	3.44E-09	1.29E-03	2.03E-07	7.07E-08	7.25E-05	1.14E-08	3.98E-09	1.31E-03	2.06E-07	7.18E-08	3.29E-05	5.18E-09	1.81E-09
5016	486863.09, 3863377.25	1.27E-03	1.99E-07	6.95E-08	6.22E-05	9.80E-09	3.41E-09	1.28E-03	2.01E-07	7.01E-08	7.19E-05	1.13E-08	3.95E-09	1.30E-03	2.04E-07	7.12E-08	3.26E-05	5.14E-09	1.79E-09
5017	487363.09, 3863377.25	1.28E-03	2.02E-07	7.03E-08	6.38E-05	1.00E-08	3.50E-09	1.29E-03	2.03E-07	7.09E-08	7.38E-05	1.16E-08	4.05E-09	1.31E-03	2.07E-07	7.20E-08	3.35E-05	5.28E-09	1.84E-09
5018	487863.09, 3863377.25	1.29E-03	2.04E-07	7.09E-08	6.61E-05	1.04E-08	3.63E-09	1.30E-03	2.05E-07	7.16E-08	7.65E-05	1.20E-08	4.20E-09	1.32E-03	2.08E-07	7.26E-08	3.47E-05	5.47E-09	1.91E-09
5019	488363.09, 3863377.25	1.26E-03	1.99E-07	6.93E-08	6.64E-05	1.05E-08	3.65E-09	1.27E-03	2.01E-07	6.99E-08	7.68E-05	1.21E-08	4.22E-09	1.29E-03	2.03E-07	7.08E-08	3.49E-05	5.50E-09	1.92E-09
5020	488863.09, 3863377.25	1.24E-03	1.96E-07	6.82E-08	6.41E-05	1.01E-08	3.52E-09	1.25E-03	1.97E-07	6.88E-08	7.42E-05	1.17E-08	4.07E-09	1.27E-03	2.00E-07	6.97E-08	3.36E-05	5.30E-09	1.85E-09
5021	489363.09, 3863377.25	1.26E-03	1.99E-07	6.94E-08	6.31E-05	9.95E-09	3.46E-09	1.27E-03	2.01E-07	6.99E-08	7.30E-05	1.15E-08	4.01E-09	1.29E-03	2.04E-07	7.10E-08	3.31E-05	5.21E-09	1.82E-09

5022	489863.09, 3863377.25	1.28E-03	2.02E-07	7.03E-08	6.53E-05	1.03E-08	3.59E-09	1.29E-03	2.04E-07	7.10E-08	7.56E-05	1.19E-08	4.15E-09	1.31E-03	2.07E-07	7.20E-08	3.42E-05	5.39E-09	1.88E-09
5023	490363.09, 3863377.25	1.30E-03	2.04E-07	7.12E-08	6.76E-05	1.07E-08	3.71E-09	1.31E-03	2.06E-07	7.18E-08	7.83E-05	1.23E-08	4.30E-09	1.33E-03	2.09E-07	7.28E-08	3.54E-05	5.58E-09	1.95E-09
5024	490863.09, 3863377.25	1.34E-03	2.10E-07	7.33E-08	6.78E-05	1.07E-08	3.72E-09	1.35E-03	2.12E-07	7.39E-08	7.85E-05	1.24E-08	4.31E-09	1.37E-03	2.15E-07	7.50E-08	3.56E-05	5.60E-09	1.95E-09
5025	491363.09, 3863377.25	1.36E-03	2.15E-07	7.49E-08	6.85E-05	1.08E-08	3.76E-09	1.38E-03	2.17E-07	7.55E-08	7.93E-05	1.25E-08	4.35E-09	1.40E-03	2.20E-07	7.67E-08	3.60E-05	5.67E-09	1.97E-09
5026	491863.09, 3863377.25	1.37E-03	2.16E-07	7.53E-08	6.99E-05	1.10E-08	3.84E-09	1.38E-03	2.18E-07	7.60E-08	8.09E-05	1.27E-08	4.44E-09	1.40E-03	2.21E-07	7.71E-08	3.67E-05	5.79E-09	2.02E-09
5027	492363.09, 3863377.25	1.35E-03	2.13E-07	7.42E-08	6.99E-05	1.10E-08	3.84E-09	1.36E-03	2.15E-07	7.48E-08	8.08E-05	1.27E-08	4.44E-09	1.38E-03	2.18E-07	7.58E-08	3.67E-05	5.79E-09	2.02E-09
5028	492863.09, 3863377.25	1.33E-03	2.09E-07	7.28E-08	7.26E-05	1.14E-08	3.98E-09	1.34E-03	2.11E-07	7.34E-08	8.39E-05	1.32E-08	4.61E-09	1.35E-03	2.13E-07	7.42E-08	3.81E-05	6.00E-09	2.09E-09
5029	493363.09, 3863377.25	1.31E-03	2.07E-07	7.20E-08	7.74E-05	1.22E-08	4.25E-09	1.33E-03	2.09E-07	7.28E-08	8.95E-05	1.41E-08	4.91E-09	1.34E-03	2.10E-07	7.33E-08	4.06E-05	6.40E-09	2.23E-09
5030	493863.09, 3863377.25	1.33E-03	2.09E-07	7.30E-08	7.81E-05	1.23E-08	4.28E-09	1.34E-03	2.12E-07	7.37E-08	9.03E-05	1.42E-08	4.95E-09	1.35E-03	2.13E-07	7.43E-08	4.10E-05	6.46E-09	2.25E-09
5031	494363.09, 3863377.25	1.35E-03	2.12E-07	7.40E-08	7.40E-05	1.17E-08	4.06E-09	1.36E-03	2.14E-07	7.47E-08	8.56E-05	1.35E-08	4.70E-09	1.38E-03	2.17E-07	7.55E-08	3.89E-05	6.12E-09	2.13E-09
5032	494863.09, 3863377.25	1.35E-03	2.13E-07	7.42E-08	7.01E-05	1.10E-08	3.85E-09	1.36E-03	2.15E-07	7.49E-08	8.11E-05	1.28E-08	4.45E-09	1.38E-03	2.18E-07	7.59E-08	3.68E-05	5.80E-09	2.02E-09
5033	495363.09, 3863377.25	1.35E-03	2.13E-07	7.41E-08	6.83E-05	1.08E-08	3.75E-09	1.36E-03	2.14E-07	7.47E-08	7.90E-05	1.24E-08	4.33E-09	1.38E-03	2.17E-07	7.58E-08	3.59E-05	5.65E-09	1.97E-09
5034	495863.09, 3863377.25	1.35E-03	2.12E-07	7.38E-08	6.82E-05	1.07E-08	3.74E-09	1.36E-03	2.14E-07	7.45E-08	7.88E-05	1.24E-08	4.33E-09	1.38E-03	2.17E-07	7.55E-08	3.58E-05	5.65E-09	1.97E-09
5035	496363.09, 3863377.25	1.32E-03	2.08E-07	7.26E-08	6.61E-05	1.04E-08	3.63E-09	1.33E-03	2.10E-07	7.32E-08	7.64E-05	1.20E-08	4.20E-09	1.35E-03	2.13E-07	7.43E-08	3.47E-05	5.47E-09	1.91E-09
5036	496863.09, 3863377.25	1.28E-03	2.01E-07	7.01E-08	6.50E-05	1.02E-08	3.57E-09	1.29E-03	2.03E-07	7.07E-08	7.52E-05	1.18E-08	4.13E-09	1.31E-03	2.06E-07	7.17E-08	3.42E-05	5.39E-09	1.88E-09
5037	497363.09, 3863377.25	1.25E-03	1.97E-07	6.85E-08	6.56E-05	1.03E-08	3.60E-09	1.26E-03	1.98E-07	6.91E-08	7.59E-05	1.20E-08	4.17E-09	1.28E-03	2.01E-07	7.00E-08	3.45E-05	5.44E-09	1.89E-09
5038	497863.09, 3863377.25	1.22E-03	1.92E-07	6.69E-08	6.75E-05	1.06E-08	3.70E-09	1.23E-03	1.94E-07	6.75E-08	7.80E-05	1.23E-08	4.28E-09	1.24E-03	1.96E-07	6.82E-08	3.55E-05	5.59E-09	1.95E-09
5039	498363.09, 3863377.25	1.19E-03	1.87E-07	6.52E-08	6.97E-05	1.10E-08	3.83E-09	1.20E-03	1.89E-07	6.58E-08	8.06E-05	1.27E-08	4.43E-09	1.21E-03	1.90E-07	6.63E-08	3.66E-05	5.77E-09	2.01E-09
5040	471363.09, 3863877.25	3.31E-04	5.21E-08	1.81E-08	3.22E-05	5.08E-09	1.77E-09	3.36E-04	5.30E-08	1.84E-08	3.72E-05	5.87E-09	2.04E-09	3.28E-04	5.16E-08	1.80E-08	1.70E-05	2.68E-09	9.35E-10
5041	471863.09, 3863877.25	3.39E-04	5.34E-08	1.86E-08	3.29E-05	5.18E-09	1.81E-09	3.45E-04	5.43E-08	1.89E-08	3.80E-05	5.99E-09	2.09E-09	3.36E-04	5.29E-08	1.84E-08	1.74E-05	2.74E-09	9.55E-10
5042	472363.09, 3863877.25	3.51E-04	5.53E-08	1.93E-08	3.35E-05	5.28E-09	1.84E-09	3.57E-04	5.62E-08	1.96E-08	3.88E-05	6.10E-09	2.13E-09	3.48E-04	5.49E-08	1.91E-08	1.77E-05	2.79E-09	9.73E-10
5043	472863.09, 3863877.25	3.63E-04	5.72E-08	1.99E-08	3.41E-05	5.37E-09	1.87E-09	3.69E-04	5.81E-08	2.02E-08	3.94E-05	6.20E-09	2.16E-09	3.61E-04	5.68E-08	1.98E-08	1.80E-05	2.84E-09	9.88E-10
5044	473363.09, 3863877.25	3.77E-04	5.95E-08	2.07E-08	3.44E-05	5.42E-09	1.89E-09	3.83E-04	6.04E-08	2.10E-08	3.97E-05	6.26E-09	2.18E-09	3.76E-04	5.92E-08	2.06E-08	1.82E-05	2.86E-09	9.98E-10
5045	473863.09, 3863877.25	3.90E-04	6.15E-08	2.14E-08	3.47E-05	5.47E-09	1.91E-09	3.96E-04	6.24E-08	2.17E-08	4.01E-05	6.32E-09	2.20E-09	3.89E-04	6.13E-08	2.14E-08	1.83E-05	2.89E-09	1.01E-09
5046	474363.09, 3863877.25	4.06E-04	6.40E-08	2.23E-08	3.50E-05	5.52E-09	1.92E-09	4.12E-04	6.50E-08	2.26E-08	4.05E-05	6.37E-09	2.22E-09	4.06E-04	6.39E-08	2.23E-08	1.85E-05	2.91E-09	1.02E-09
5047	474863.09, 3863877.25	4.27E-04	6.73E-08	2.35E-08	3.54E-05	5.58E-09	1.94E-09	4.33E-04	6.83E-08	2.38E-08	4.09E-05	6.45E-09	2.25E-09	4.28E-04	6.74E-08	2.35E-08	1.87E-05	2.95E-09	1.03E-09
5048	475363.09, 3863877.25	4.47E-04	7.05E-08	2.46E-08	3.63E-05	5.72E-09	1.99E-09	4.54E-04	7.14E-08	2.49E-08	4.19E-05	6.61E-09	2.30E-09	4.48E-04	7.06E-08	2.46E-08	1.92E-05	3.02E-09	1.05E-09
5049	475863.09, 3863877.25	4.74E-04	7.47E-08	2.60E-08	3.73E-05	5.88E-09	2.05E-09	4.80E-04	7.56E-08	2.64E-08	4.31E-05	6.80E-09	2.37E-09	4.76E-04	7.49E-08	2.61E-08	1.97E-05	3.11E-09	1.08E-09
5050	476363.09, 3863877.25	4.98E-04	7.85E-08	2.73E-08	3.88E-05	6.12E-09	2.13E-09	5.05E-04	7.95E-08	2.77E-08	4.49E-05	7.07E-09	2.46E-09	5.00E-04	7.88E-08	2.74E-08	2.05E-05	3.23E-09	1.13E-09
5051	476863.09, 3863877.25	5.24E-04	8.26E-08	2.88E-08	4.07E-05	6.41E-09	2.23E-09	5.31E-04	8.36E-08	2.91E-08	4.70E-05	7.40E-09	2.58E-09	5.26E-04	8.29E-08	2.89E-08	2.15E-05	3.38E-09	1.18E-09
5052	477363.09, 3863877.25	5.48E-04	8.63E-08	3.01E-08	4.29E-05	6.76E-09	2.36E-09	5.55E-04	8.74E-08	3.05E-08	4.96E-05	7.81E-09	2.72E-09	5.50E-04	8.66E-08	3.02E-08	2.27E-05	3.57E-09	1.24E-09
5053	477863.09, 3863877.25	5.62E-04	8.85E-08	3.08E-08	4.53E-05	7.14E-09	2.49E-09	5.69E-04	8.97E-08	3.12E-08	5.24E-05	8.25E-09	2.87E-09	5.63E-04	8.87E-08	3.09E-08	2.39E-05	3.77E-09	1.31E-09
5054	478363.09, 3863877.25	5.45E-04	8.58E-08	2.99E-08	4.73E-05	7.45E-09	2.60E-09	5.53E-04	8.71E-08	3.03E-08	5.47E-05	8.61E-09	3.00E-09	5.44E-04	8.57E-08	2.99E-08	2.49E-05	3.93E-09	1.37E-09
5055	478863.09, 3863877.25	6.17E-04	9.73E-08	3.39E-08	4.93E-05	7.76E-09	2.70E-09	6.26E-04	9.86E-08	3.43E-08	5.70E-05	8.97E-09	3.13E-09	6.20E-04	9.76E-08	3.40E-08	2.60E-05	4.09E-09	1.43E-09
5056	479363.09, 3863877.25	6.63E-04	1.04E-07	3.64E-08	5.15E-05	8.11E-09	2.82E-09	6.72E-04	1.06E-07	3.69E-08	5.95E-05	9.37E-09	3.26E-09	6.66E-04	1.05E-07	3.66E-08	2.71E-05	4.27E-09	1.49E-09
5057	479863.09, 3863877.25	6.96E-04	1.10E-07	3.82E-08	5.43E-05	8.55E-09	2.98E-09	7.06E-04	1.11E-07	3.87E-08	6.27E-05	9.88E-09	3.44E-09	7.00E-04	1.10E-07	3.84E-08	2.86E-05	4.50E-09	1.57E-09
5058	480363.09, 3863877.25	7.26E-04	1.14E-07	3.99E-08	5.73E-05	9.03E-09	3.15E-09	7.36E-04	1.16E-07	4.04E-08	6.63E-05	1.04E-08	3.64E-09	7.30E-04	1.15E-07	4.00E-08	3.02E-05	4.75E-09	1.66E-09
5059	480863.09, 3863877.25	7.52E-04	1.19E-07	4.13E-08	5.99E-05	9.44E-09	3.29E-09	7.62E-04	1.20E-07	4.18E-08	6.93E-05	1.09E-08	3.80E-09	7.55E-04	1.19E-07	4.15E-08	3.15E-05	4.97E-09	1.73E-09
5060	481363.09, 3863877.25	7.75E-04	1.22E-07	4.25E-08	6.07E-05	9.56E-09	3.33E-09	7.85E-04	1.24E-07	4.31E-08	7.02E-05	1.11E-08	3.85E-09	7.79E-04	1.23E-07	4.27E-08	3.19E-05	5.03E-09	1.75E-09
5061	481863.09, 3863877.25	8.00E-04	1.26E-07	4.39E-08	6.10E-05	9.61E-09	3.35E-09	8.11E-04	1.28E-07	4.45E-08	7.06E-05	1.11E-08	3.87E-09	8.06E-04	1.27E-07	4.42E-08	3.21E-05	5.05E-09	1.76E-09
5062	482363.09, 3863877.25	8.30E-04	1.31E-07	4.55E-08	6.29E-05	9.91E-09	3.45E-09	8.41E-04	1.32E-07	4.61E-08	7.27E-05	1.15E-08	3.99E-09	8.36E-04	1.32E-07	4.59E-08	3.30E-05	5.20E-09	1.81E-09
5063	482863.09, 3863877.25	8.59E-04	1.35E-07	4.72E-08	6.42E-05	1.01E-08	3.52E-09	8.70E-04	1.37E-07	4.78E-08	7.42E-05	1.17E-08	4.07E-09	8.66E-04	1.36E-07	4.75E-08	3.37E-05	5.30E-09	1.85E-09
5064	483363.09, 3863877.25	8.88E-04	1.40E-07	4.88E-08	6.37E-05	1.00E-08	3.50E-09	8.99E-04	1.42E-07	4.93E-08	7.37E-05	1.16E-08	4.04E-09	8.97E-04	1.41E-07	4.92E-08	3.34E-05	5.27E-09	1.83E-09
5065	483863.09, 3863877.25	9.20E-04	1.45E-07	5.05E-08	6.30E-05	9.93E-09	3.46E-09	9.31E-04	1.47E-07	5.11E-08	7.29E-05	1.15E-08	4.00E-09	9.31E-04	1.47E-07	5.11E-08	3.31E-05	5.21E-09	1.82E-09
5066	484363.09, 3863877.25	9.58E-04	1.51E-07	5.26E-08	6.32E-05	9.95E-09	3.47E-09	9.69E-04	1.53E-07	5.32E-08	7.31E-05	1.15E-08	4.01E-09	9.71E-04	1.53E-07	5.33E-08	3.32E-05	5.23E-09	1.82E-09
5067	484863.09, 3863877.25	9.97E-04	1.57E-07	5.47E-08	6.35E-05	1.00E-08	3.48E-09	1.01E-03	1.59E-07	5.53E-08	7.34E-05	1.16E-08	4.03E-09	1.01E-03	1.59E-07	5.55E-08	3.34E-05	5.26E-09	1.83E-09
5068	485363.09, 3863877.25	1.03E-03	1.63E-07	5.67E-08	6.05E-05	9.53E-09	3.32E-09	1.04E-03	1.64E-07	5.73E-08	7.00E-05	1.10E-08	3.84E-09	1.05E-03	1.66E-07	5.77E-08	3.17E-05	5.00E-09	1.74E-09
5069	485863.09, 3863877.25	1.08E-03	1.70E-07	5.91E-08	5.77E-05	9.09E-09	3.17E-09	1.09E-03	1.71E-07	5.97E-08	6.68E-05	1.05E-08	3.66E-09	1.10E-03	1.73E-07	6.04E-08	3.03E-05	4.77E-09	1.66E-09
5070	486363.09, 3863877.25	1.07E-03	1.69E-07	5.88E-08	5.60E-05	8.82E-09	3.07E-09	1.08E-03	1.70E-07	5.93E-08	6.47E-05	1.02E-08	3.55E-09	1.10E-03	1.73E-07	6.01E-08	2.94E-05	4.63E-09	1.61E-09
5071	486863.09, 3863877.25	1.07E-03	1.68E-07	5.85E-08	5.52E-05	8.70E-09	3.03E-09	1.08E-03	1.69E-07	5.90E-08	6.38E-05	1.01E-08	3.50E-09	1.09E-03	1.72E-07	5.98E-08	2.90E-05	4.56E-09	1.59E-09
5072	487363.09, 3863877.25	1.06E-03	1.68E-07	5.84E-08	5.66E-05	8.92E-09	3.11E-09	1.07E-03	1.69E-07	5.90E-08	6.55E-05	1.03E-08	3.60E-09	1.09E-03	1.71E-07	5.97E-08	2.98E-05	4.69E-09	1.63E-09
5073	487863.09, 3863877.25	1.07E-03	1.69E-07	5.89E-08	5.91E-05	9.31E-09	3.24E-09	1.08E-03	1.71E-07	5.94E-08	6.83E-05	1.08E-08	3.75E-09	1.09E-03	1.72E-07	6.01E-08	3.11E-05	4.89E-09	1.70E-09
5074	488363.09, 3863877.25	1.06E-03	1.67E-07	5.81E-08	6.00E-05	9.45E-09	3.29E-09	1.07E-03	1.68E-07	5.86E-08	6.94E-05	1.09E-08	3.81E-09	1.08E-03	1.70E-07	5.92E-08	3.15E-05	4.97E-09	1.73E-09
5075	488863.09, 3863877.25	1.04E-03	1.63E-07	5.69E-08	5.84E-05	9.19E-09	3.20E-09	1.05E-03	1.65E-07	5.74E-08	6.75E-05	1.06E-08	3.71E-09	1.06E-03	1.66E-07	5.80E-08	3.06E-05	4.82E-09	1.68E-09
5076	489363.09, 3863877.25	1.05E-03	1.65E-07	5.75E-08	5.64E-05	8.88E-09	3.09E-09	1.06E-03	1.67E-07	5.80E-08	6.52E-05	1.03E-08	3.58E-09	1.07E-03	1.69E-07	5.87E-08	2.96E-05	4.66E-09	1.62E-09
5077	489863.09, 3863877.25	1.07E-03	1.68E-07	5.85E-08	5.72E-05	9.01E-09	3.14E-09	1.08E-03	1.69E-07	5.90E-08	6.62E-05	1.04E-08	3.63E-09	1.09E-03	1.71E-07	5.97E-08	3.00E-05	4.72E-09	1.65E-09
5078	490363.09, 3863877.25	1.07E-03	1.69E-07	5.88E-08	5.99E-05	9.43E-09	3.28E-09	1.08E-03	1.70E-07	5.94E-08	6.92E-05	1.09E-08	3.80E-09	1.09E-03	1.72E-07	6.00E-08	3.14E-05	4.94E-09	1.72E-09
5079	490863.09, 3863877.25	1.09E-03	1.72E-07	5.99E-08	6.10E-05	9.60E-09	3.35E-09	1.10E-03	1.74E-07	6.05E-08	7.05E-05	1.11E-08	3.87E-09	1.11E-03	1.76E-07	6.12E-08	3.20E-05	5.03E-09	1.75E-09
5080	491363.09, 3863877.25	1.12E-03	1.76E-07	6.14E-08	6.06E-05	9.54E-09	3.32E-09	1.13E-03	1.78E-07	6.19E-08	7.00E-05	1.10E-08	3.84E-09	1.14E-03	1.80E-07	6.27E-08	3.18E-05	5.01E-09	1.74E-09
5081	491863.09, 3863877.25	1.16E-03	1.83E-07	6.38E-08	6.37E-05	1.00E-08	3.49E-09	1.17E-03	1.85E-07	6.44E-08	7.36E-05	1.16E-08	4.04E-09	1.19E-03	1.87E-07	6.51E-08	3.34E-05	5.27E-09	1.84E-09
5082	492363.09, 3863877.25	1.17E-03	1.84E-07	6.40E-08	6.62E-05	1.04E-08	3.64E-09	1.18E-03	1.86E-07	6.46E-08	7.66E-05	1.21E-08	4.20E-09	1.19E-03	1.87E-07	6.52E-08	3.48E-05	5.48E-09	1.91E-09
5083	492863.09, 3863877.25	1.08E-03	1.71E-07	5.94E-08	6.56E-05	1.03E-08	3.60E-09	1.09E-03	1.72E-07	6.00E-08	7.58E-05	1.19E-08	4.16E-09	1.10E-03	1.73E-07	6.04E-08	3.45E-05	5.43E-09	1.89E-09
5084	493363.09, 3863877.25	1.05E-03	1.65E-07	5.76E-08	6.68E-05	1.05E-08	3.66E-09	1.06E-03	1.67E-07	5.82E-08	7.72E-05	1.22E-08	4.24E-09	1.06E-03	1.68E-07	5.84E-08	3.51E-05	5.52E-09	1.92E-09
5085	493863.09, 3863877.25	1.05E-03	1.66E-07	5.79E-08	7.01E-05	1.10E-08	3.84E-09	1.07E-03	1.68E-07	5.86E-08	8.10E-05	1.28E-08	4.45E-09	1.07E-03	1.68E-07	5.87E-08	3.68E-05	5.79E-09	2.02E-09
5086	494363.09, 3863877.25	1.08E-03	1.71E-07	5.95E-08	7.07E-05	1.11E-08	3.88E-09	1.10E-03	1.73E-07	6.02E-08	8.18E-05	1.29E-08	4.49E-09	1.10E-03	1.73E-07	6.03E-08	3.71E-05	5.85E-09	2.04E-09
5087	494863.09, 3863877.25	1.11E-03	1.75E-07	6.08E-08	6.80E-05	1.07E-08	3.73E-09	1.12E-03	1.76E-07	6.15E-08	7.87E-05	1.24E-08	4.32E-09	1.13E-03	1.77E-07	6.18E-08	3.58E-05	5.63E-09	1.96E-09
5088	495363.09, 3863877.25	1.12E-03	1.77E-07	6.16E-08	6.42E-05	1.01E-08	3.53E-09	1.13E-03	1.79E-07	6.22E-08	7.43E-05	1.17E-08	4.08E-09	1.14E-03	1.80E-07	6.28E-08	3.38E-05	5.32E-09	1.85E-09

5089	495863.09, 3863877.25	1.13E-03	1.77E-07	6.18E-08	6.18E-05	9.73E-09	3.39E-09	1.14E-03	1.79E-07	6.23E-08	7.14E-05	1.13E-08	3.92E-09	1.15E-03	1.81E-07	6.30E-08	3.25E-05	5.12E-09	1.78E-09
5090	496363.09, 3863877.25	1.14E-03	1.79E-07	6.24E-08	6.04E-05	9.51E-09	3.31E-09	1.15E-03	1.81E-07	6.30E-08	6.98E-05	1.10E-08	3.83E-09	1.16E-03	1.83E-07	6.38E-08	3.17E-05	5.00E-09	1.74E-09
5091	496863.09, 3863877.25	1.13E-03	1.78E-07	6.21E-08	5.97E-05	9.41E-09	3.28E-09	1.14E-03	1.80E-07	6.26E-08	6.91E-05	1.09E-08	3.79E-09	1.16E-03	1.82E-07	6.34E-08	3.14E-05	4.95E-09	1.72E-09
5092	497363.09, 3863877.25	1.11E-03	1.76E-07	6.12E-08	5.92E-05	9.33E-09	3.25E-09	1.12E-03	1.77E-07	6.17E-08	6.85E-05	1.08E-08	3.76E-09	1.14E-03	1.79E-07	6.25E-08	3.11E-05	4.91E-09	1.71E-09
5093	497863.09, 3863877.25	1.09E-03	1.72E-07	6.00E-08	5.91E-05	9.32E-09	3.25E-09	1.10E-03	1.74E-07	6.06E-08	6.84E-05	1.08E-08	3.75E-09	1.12E-03	1.76E-07	6.13E-08	3.11E-05	4.90E-09	1.71E-09
5094	498363.09, 3863877.25	1.07E-03	1.68E-07	5.85E-08	5.96E-05	9.39E-09	3.27E-09	1.08E-03	1.69E-07	5.90E-08	6.89E-05	1.09E-08	3.78E-09	1.09E-03	1.71E-07	5.96E-08	3.13E-05	4.94E-09	1.72E-09
5095	471363.09, 3864377.25	3.19E-04	5.02E-08	1.75E-08	3.03E-05	4.77E-09	1.66E-09	3.24E-04	5.10E-08	1.78E-08	3.50E-05	5.51E-09	1.92E-09	3.16E-04	4.98E-08	1.73E-08	1.60E-05	2.52E-09	8.79E-10
5096	471863.09, 3864377.25	3.27E-04	5.16E-08	1.80E-08	3.06E-05	4.83E-09	1.68E-09	3.32E-04	5.24E-08	1.82E-08	3.54E-05	5.58E-09	1.94E-09	3.25E-04	5.12E-08	1.78E-08	1.62E-05	2.55E-09	8.89E-10
5097	472363.09, 3864377.25	3.38E-04	5.32E-08	1.85E-08	3.09E-05	4.87E-09	1.70E-09	3.43E-04	5.40E-08	1.88E-08	3.57E-05	5.63E-09	1.96E-09	3.36E-04	5.29E-08	1.84E-08	1.64E-05	2.58E-09	8.98E-10
5098	472863.09, 3864377.25	3.49E-04	5.50E-08	1.92E-08	3.11E-05	4.90E-09	1.71E-09	3.54E-04	5.58E-08	1.94E-08	3.59E-05	5.66E-09	1.97E-09	3.48E-04	5.48E-08	1.91E-08	1.65E-05	2.59E-09	9.03E-10
5099	473363.09, 3864377.25	3.64E-04	5.74E-08	2.00E-08	3.12E-05	4.92E-09	1.71E-09	3.69E-04	5.82E-08	2.03E-08	3.61E-05	5.68E-09	1.98E-09	3.64E-04	5.73E-08	2.00E-08	1.65E-05	2.60E-09	9.06E-10
5100	473863.09, 3864377.25	3.80E-04	5.99E-08	2.09E-08	3.16E-05	4.98E-09	1.73E-09	3.85E-04	6.07E-08	2.12E-08	3.65E-05	5.75E-09	2.00E-09	3.80E-04	5.99E-08	2.09E-08	1.67E-05	2.63E-09	9.17E-10
5101	474363.09, 3864377.25	3.98E-04	6.26E-08	2.18E-08	3.23E-05	5.09E-09	1.77E-09	4.03E-04	6.35E-08	2.21E-08	3.73E-05	5.88E-09	2.05E-09	3.98E-04	6.27E-08	2.19E-08	1.71E-05	2.69E-09	9.37E-10
5102	474863.09, 3864377.25	4.19E-04	6.59E-08	2.30E-08	3.30E-05	5.20E-09	1.81E-09	4.24E-04	6.68E-08	2.33E-08	3.82E-05	6.01E-09	2.09E-09	4.20E-04	6.61E-08	2.30E-08	1.75E-05	2.75E-09	9.59E-10
5103	475363.09, 3864377.25	4.39E-04	6.92E-08	2.41E-08	3.41E-05	5.38E-09	1.87E-09	4.45E-04	7.01E-08	2.44E-08	3.94E-05	6.21E-09	2.16E-09	4.41E-04	6.95E-08	2.42E-08	1.81E-05	2.84E-09	9.91E-10
5104	475863.09, 3864377.25	4.60E-04	7.24E-08	2.52E-08	3.54E-05	5.58E-09	1.94E-09	4.66E-04	7.34E-08	2.56E-08	4.09E-05	6.44E-09	2.24E-09	4.62E-04	7.28E-08	2.54E-08	1.87E-05	2.95E-09	1.03E-09
5105	476363.09, 3864377.25	4.78E-04	7.53E-08	2.62E-08	3.69E-05	5.82E-09	2.03E-09	4.84E-04	7.63E-08	2.66E-08	4.26E-05	6.72E-09	2.34E-09	4.80E-04	7.56E-08	2.63E-08	1.95E-05	3.07E-09	1.07E-09
5106	476863.09, 3864377.25	4.96E-04	7.81E-08	2.72E-08	3.87E-05	6.10E-09	2.13E-09	5.03E-04	7.92E-08	2.76E-08	4.47E-05	7.05E-09	2.46E-09	4.98E-04	7.84E-08	2.73E-08	2.05E-05	3.22E-09	1.12E-09
5107	477363.09, 3864377.25	5.19E-04	8.17E-08	2.85E-08	4.05E-05	6.38E-09	2.22E-09	5.26E-04	8.28E-08	2.88E-08	4.68E-05	7.37E-09	2.57E-09	5.21E-04	8.21E-08	2.86E-08	2.14E-05	3.37E-09	1.17E-09
5108	477863.09, 3864377.25	5.42E-04	8.54E-08	2.97E-08	4.21E-05	6.64E-09	2.31E-09	5.49E-04	8.65E-08	3.01E-08	4.87E-05	7.67E-09	2.67E-09	5.44E-04	8.58E-08	2.99E-08	2.22E-05	3.50E-09	1.22E-09
5109	478363.09, 3864377.25	5.67E-04	8.93E-08	3.11E-08	4.37E-05	6.88E-09	2.40E-09	5.75E-04	9.05E-08	3.15E-08	5.05E-05	7.95E-09	2.77E-09	5.70E-04	8.98E-08	3.13E-08	2.30E-05	3.63E-09	1.26E-09
5110	478863.09, 3864377.25	5.93E-04	9.34E-08	3.25E-08	4.57E-05	7.20E-09	2.51E-09	6.00E-04	9.46E-08	3.30E-08	5.28E-05	8.32E-09	2.90E-09	5.96E-04	9.38E-08	3.27E-08	2.41E-05	3.80E-09	1.32E-09
5111	479363.09, 3864377.25	6.18E-04	9.73E-08	3.39E-08	4.81E-05	7.58E-09	2.64E-09	6.26E-04	9.86E-08	3.43E-08	5.56E-05	8.76E-09	3.05E-09	6.20E-04	9.77E-08	3.41E-08	2.54E-05	4.00E-09	1.39E-09
5112	479863.09, 3864377.25	6.40E-04	1.01E-07	3.51E-08	5.10E-05	8.03E-09	2.80E-09	6.48E-04	1.02E-07	3.56E-08	5.89E-05	9.29E-09	3.24E-09	6.42E-04	1.01E-07	3.52E-08	2.69E-05	4.23E-09	1.47E-09
5113	480363.09, 3864377.25	6.59E-04	1.04E-07	3.62E-08	5.36E-05	8.44E-09	2.94E-09	6.68E-04	1.05E-07	3.67E-08	6.20E-05	9.76E-09	3.40E-09	6.61E-04	1.04E-07	3.63E-08	2.82E-05	4.44E-09	1.55E-09
5114	480863.09, 3864377.25	6.74E-04	1.06E-07	3.70E-08	5.46E-05	8.60E-09	2.99E-09	6.84E-04	1.08E-07	3.75E-08	6.31E-05	9.94E-09	3.46E-09	6.77E-04	1.07E-07	3.71E-08	2.87E-05	4.52E-09	1.57E-09
5115	481363.09, 3864377.25	6.91E-04	1.09E-07	3.79E-08	5.47E-05	8.61E-09	3.00E-09	7.00E-04	1.10E-07	3.84E-08	6.32E-05	9.96E-09	3.47E-09	6.94E-04	1.09E-07	3.81E-08	2.87E-05	4.53E-09	1.58E-09
5116	481863.09, 3864377.25	7.14E-04	1.13E-07	3.92E-08	5.55E-05	8.74E-09	3.04E-09	7.24E-04	1.14E-07	3.97E-08	6.42E-05	1.01E-08	3.52E-09	7.19E-04	1.13E-07	3.94E-08	2.91E-05	4.59E-09	1.60E-09
5117	482363.09, 3864377.25	7.42E-04	1.17E-07	4.07E-08	5.69E-05	8.97E-09	3.12E-09	7.51E-04	1.18E-07	4.12E-08	6.58E-05	1.04E-08	3.61E-09	7.47E-04	1.18E-07	4.10E-08	2.99E-05	4.71E-09	1.64E-09
5118	482863.09, 3864377.25	7.68E-04	1.21E-07	4.22E-08	5.75E-05	9.06E-09	3.16E-09	7.78E-04	1.23E-07	4.27E-08	6.65E-05	1.05E-08	3.65E-09	7.74E-04	1.22E-07	4.25E-08	3.02E-05	4.75E-09	1.66E-09
5119	483363.09, 3864377.25	7.96E-04	1.25E-07	4.37E-08	5.67E-05	8.93E-09	3.11E-09	8.05E-04	1.27E-07	4.42E-08	6.56E-05	1.03E-08	3.60E-09	8.04E-04	1.27E-07	4.41E-08	2.97E-05	4.69E-09	1.63E-09
5120	483863.09, 3864377.25	8.26E-04	1.30E-07	4.53E-08	5.63E-05	8.87E-09	3.09E-09	8.36E-04	1.32E-07	4.59E-08	6.51E-05	1.03E-08	3.58E-09	8.36E-04	1.32E-07	4.59E-08	2.96E-05	4.66E-09	1.62E-09
5121	484363.09, 3864377.25	8.52E-04	1.34E-07	4.68E-08	5.72E-05	9.01E-09	3.14E-09	8.62E-04	1.36E-07	4.73E-08	6.62E-05	1.04E-08	3.63E-09	8.63E-04	1.36E-07	4.74E-08	3.01E-05	4.74E-09	1.65E-09
5122	484863.09, 3864377.25	8.74E-04	1.38E-07	4.80E-08	5.69E-05	8.97E-09	3.12E-09	8.84E-04	1.39E-07	4.85E-08	6.58E-05	1.04E-08	3.61E-09	8.86E-04	1.40E-07	4.86E-08	2.99E-05	4.71E-09	1.64E-09
5123	485363.09, 3864377.25	9.05E-04	1.43E-07	4.97E-08	5.41E-05	8.53E-09	2.97E-09	9.14E-04	1.44E-07	5.02E-08	6.26E-05	9.86E-09	3.44E-09	9.21E-04	1.45E-07	5.05E-08	2.84E-05	4.47E-09	1.56E-09
5124	485863.09, 3864377.25	9.27E-04	1.46E-07	5.09E-08	5.19E-05	8.17E-09	2.85E-09	9.36E-04	1.47E-07	5.14E-08	6.00E-05	9.45E-09	3.29E-09	9.46E-04	1.49E-07	5.19E-08	2.72E-05	4.29E-09	1.49E-09
5125	486363.09, 3864377.25	9.14E-04	1.44E-07	5.02E-08	5.03E-05	7.93E-09	2.76E-09	9.23E-04	1.45E-07	5.06E-08	5.82E-05	9.17E-09	3.19E-09	9.33E-04	1.47E-07	5.12E-08	2.64E-05	4.16E-09	1.45E-09
5126	486863.09, 3864377.25	9.16E-04	1.44E-07	5.03E-08	4.94E-05	7.79E-09	2.71E-09	9.24E-04	1.46E-07	5.07E-08	5.72E-05	9.01E-09	3.14E-09	9.35E-04	1.47E-07	5.13E-08	2.60E-05	4.09E-09	1.42E-09
5127	487363.09, 3864377.25	9.07E-04	1.43E-07	4.98E-08	5.07E-05	7.99E-09	2.78E-09	9.15E-04	1.44E-07	5.02E-08	5.86E-05	9.23E-09	3.22E-09	9.25E-04	1.46E-07	5.07E-08	2.67E-05	4.20E-09	1.46E-09
5128	487863.09, 3864377.25	9.10E-04	1.43E-07	4.99E-08	5.31E-05	8.37E-09	2.92E-09	9.19E-04	1.45E-07	5.04E-08	6.14E-05	9.68E-09	3.37E-09	9.26E-04	1.46E-07	5.08E-08	2.79E-05	4.40E-09	1.53E-09
5129	488363.09, 3864377.25	9.01E-04	1.42E-07	4.94E-08	5.43E-05	8.55E-09	2.98E-09	9.10E-04	1.43E-07	4.99E-08	6.28E-05	9.89E-09	3.45E-09	9.16E-04	1.44E-07	5.03E-08	2.85E-05	4.49E-09	1.57E-09
5130	488863.09, 3864377.25	8.86E-04	1.40E-07	4.86E-08	5.35E-05	8.43E-09	2.94E-09	8.95E-04	1.41E-07	4.91E-08	6.19E-05	9.75E-09	3.40E-09	9.01E-04	1.42E-07	4.95E-08	2.81E-05	4.42E-09	1.54E-09
5131	489363.09, 3864377.25	8.90E-04	1.40E-07	4.89E-08	5.14E-05	8.09E-09	2.82E-09	8.99E-04	1.42E-07	4.93E-08	5.94E-05	9.36E-09	3.26E-09	9.07E-04	1.43E-07	4.98E-08	2.69E-05	4.24E-09	1.48E-09
5132	489863.09, 3864377.25	9.04E-04	1.42E-07	4.96E-08	5.09E-05	8.02E-09	2.79E-09	9.13E-04	1.44E-07	5.01E-08	5.89E-05	9.27E-09	3.23E-09	9.22E-04	1.45E-07	5.06E-08	2.67E-05	4.20E-09	1.46E-09
5133	490363.09, 3864377.25	9.10E-04	1.43E-07	5.00E-08	5.29E-05	8.33E-09	2.90E-09	9.19E-04	1.45E-07	5.05E-08	6.11E-05	9.63E-09	3.36E-09	9.27E-04	1.46E-07	5.09E-08	2.77E-05	4.36E-09	1.52E-09
5134	490863.09, 3864377.25	9.25E-04	1.46E-07	5.08E-08	5.54E-05	8.73E-09	3.04E-09	9.34E-04	1.47E-07	5.13E-08	6.41E-05	1.01E-08	3.52E-09	9.41E-04	1.48E-07	5.17E-08	2.90E-05	4.57E-09	1.59E-09
5135	491363.09, 3864377.25	9.45E-04	1.49E-07	5.19E-08	5.74E-05	9.05E-09	3.15E-09	9.55E-04	1.50E-07	5.24E-08	6.64E-05	1.05E-08	3.65E-09	9.62E-04	1.51E-07	5.28E-08	3.01E-05	4.75E-09	1.65E-09
5136	491863.09, 3864377.25	4.07E-04	6.40E-08	2.23E-08	4.27E-05	6.73E-09	2.34E-09	4.14E-04	6.52E-08	2.27E-08	4.94E-05	7.78E-09	2.71E-09	4.01E-04	6.32E-08	2.20E-08	2.25E-05	3.54E-09	1.23E-09
5137	492363.09, 3864377.25	7.78E-04	1.23E-07	4.27E-08	5.96E-05	9.39E-09	3.27E-09	7.88E-04	1.24E-07	4.32E-08	6.89E-05	1.09E-08	3.78E-09	7.82E-04	1.23E-07	4.29E-08	3.13E-05	4.94E-09	1.72E-09
5138	492863.09, 3864377.25	5.65E-04	8.89E-08	3.10E-08	5.31E-05	8.36E-09	2.91E-09	5.74E-04	9.04E-08	3.15E-08	6.14E-05	9.67E-09	3.37E-09	5.61E-04	8.84E-08	3.08E-08	2.80E-05	4.41E-09	1.54E-09
5139	493363.09, 3864377.25	7.60E-04	1.20E-07	4.17E-08	5.53E-05	8.71E-09	3.04E-09	7.69E-04	1.21E-07	4.22E-08	6.39E-05	1.01E-08	3.51E-09	7.66E-04	1.21E-07	4.20E-08	2.92E-05	4.60E-09	1.60E-09
5140	493863.09, 3864377.25	8.41E-04	1.32E-07	4.61E-08	5.91E-05	9.30E-09	3.24E-09	8.51E-04	1.34E-07	4.67E-08	6.83E-05	1.08E-08	3.75E-09	8.49E-04	1.34E-07	4.66E-08	3.10E-05	4.89E-09	1.70E-09
5141	494363.09, 3864377.25	8.80E-04	1.39E-07	4.83E-08	6.31E-05	9.95E-09	3.47E-09	8.90E-04	1.40E-07	4.89E-08	7.30E-05	1.15E-08	4.01E-09	8.88E-04	1.40E-07	4.87E-08	3.31E-05	5.22E-09	1.82E-09
5142	494863.09, 3864377.25	9.11E-04	1.44E-07	5.00E-08	6.40E-05	1.01E-08	3.51E-09	9.22E-04	1.45E-07	5.06E-08	7.41E-05	1.17E-08	4.06E-09	9.21E-04	1.45E-07	5.05E-08	3.36E-05	5.30E-09	1.85E-09
5143	495363.09, 3864377.25	9.31E-04	1.47E-07	5.11E-08	6.20E-05	9.77E-09	3.40E-09	9.42E-04	1.48E-07	5.17E-08	7.17E-05	1.13E-08	3.93E-09	9.43E-04	1.49E-07	5.18E-08	3.26E-05	5.13E-09	1.79E-09
5144	495863.09, 3864377.25	9.46E-04	1.49E-07	5.19E-08	5.87E-05	9.25E-09	3.22E-09	9.56E-04	1.51E-07	5.25E-08	6.79E-05	1.07E-08	3.73E-09	9.61E-04	1.51E-07	5.27E-08	3.09E-05	4.86E-09	1.69E-09
5145	496363.09, 3864377.25	9.59E-04	1.51E-07	5.26E-08	5.59E-05	8.81E-09	3.07E-09	9.68E-04	1.53E-07	5.31E-08	6.47E-05	1.02E-08	3.55E-09	9.76E-04	1.54E-07	5.36E-08	2.94E-05	4.63E-09	1.61E-09
5146	496863.09, 3864377.25	9.68E-04	1.52E-07	5.31E-08	5.48E-05	8.63E-09	3.01E-09	9.77E-04	1.54E-07	5.36E-08	6.34E-05	9.98E-09	3.48E-09	9.86E-04	1.55E-07	5.41E-08	2.88E-05	4.54E-09	1.58E-09
5147	497363.09, 3864377.25	9.76E-04	1.54E-07	5.35E-08	5.43E-05	8.55E-09	2.98E-09	9.85E-04	1.55E-07	5.40E-08	6.28E-05	9.89E-09	3.44E-09	9.95E-04	1.57E-07	5.46E-08	2.85E-05	4.49E-09	1.57E-09
5148	497863.09, 3864377.25	9.80E-04	1.54E-07	5.38E-08	5.47E-05	8.62E-09	3.00E-09	9.89E-04	1.56E-07	5.43E-08	6.33E-05	9.96E-09	3.47E-09	9.99E-04	1.57E-07	5.48E-08	2.88E-05	4.53E-09	1.58E-09
5149	498363.09, 3864377.25	9.64E-04	1.52E-07	5.29E-08	5.39E-05	8.48E-09	2.96E-09	9.73E-04	1.53E-07	5.34E-08	6.23E-05	9.81E-09	3.42E-09	9.83E-04	1.55E-07	5.40E-08	2.83E-05	4.46E-09	1.55E-09
5150	471363.09, 3864877.25	3.06E-04	4.83E-08	1.68E-08	2.79E-05	4.40E-09	1.53E-09	3.11E-04	4.90E-08	1.71E-08	3.22E-05	5.08E-09	1.77E-09	3.05E-04	4.80E-08	1.67E-08	1.48E-05	2.33E-09	8.11E-10
5151	471863.09, 3864877.25	3.16E-04	4.97E-08	1.73E-08	2.80E-05	4.41E-09	1.54E-09	3.20E-04	5.05E-08	1.76E-08	3.24E-05	5.10E-09	1.78E-09	3.15E-04	4.96E-08	1.73E-08	1.48E-05	2.34E-09	8.14E-10
5152	472363.09, 3864877.25	3.27E-04	5.15E-08	1.79E-08	2.81E-05	4.43E-09	1.54E-09	3.31E-04	5.22E-08	1.82E-08	3.25E-05	5.12E-09	1.78E-09	3.26E-04	5.14E-08	1.79E-08	1.49E-05	2.35E-09	8.17E-10
5153	472863.09, 3864877.25	3.39E-04	5.35E-08	1.86E-08	2.84E-05	4.48E-09	1.56E-09	3.44E-04	5.42E-08	1.89E-08	3.29E-05	5.18E-09	1.80E-09	3.39E-04	5.35E-08	1.86E-08	1.50E-05	2.37E-09	8.26E-10
5154	473363.09, 3864877.25	3.56E-04	5.61E-08	1.95E-08	2.89E-05	4.55E-09	1.58E-09	3.61E-04	5.68E-08	1.98E-08	3.33E-05	5.25E-09	1.83E-09	3.56E-04	5.61E-08	1.96E-08	1.53E-05	2.41E-09	8.39E-10
5155	473863.09, 3864877.25	3.73E-04	5.87E-08	2.04E-08	2.95E-05	4.65E-09	1.62E-09	3.78E-04	5.95E-08	2.07E-08	3.41E-05	5.38E-09	1.87E-09	3.74E-04	5.89E-08	2.05E-08	1.56E-05	2.46E-09	8.58E-10

5156	474363.09, 3864877.25	3.90E-04	6.14E-08	2.14E-08	3.04E-05	4.79E-09	1.67E-09	3.95E-04	6.22E-08	2.17E-08	3.51E-05	5.53E-09	1.93E-09	3.91E-04	6.16E-08	2.15E-08	1.61E-05	2.54E-09	8.83E-10
5157	474863.09, 3864877.25	4.06E-04	6.40E-08	2.23E-08	3.13E-05	4.94E-09	1.72E-09	4.12E-04	6.48E-08	2.26E-08	3.62E-05	5.70E-09	1.99E-09	4.08E-04	6.43E-08	2.24E-08	1.66E-05	2.61E-09	9.10E-10
5158	475363.09, 3864877.25	4.21E-04	6.63E-08	2.31E-08	3.24E-05	5.10E-09	1.78E-09	4.26E-04	6.72E-08	2.34E-08	3.74E-05	5.89E-09	2.05E-09	4.23E-04	6.66E-08	2.32E-08	1.71E-05	2.70E-09	9.40E-10
5159	475863.09, 3864877.25	4.35E-04	6.85E-08	2.39E-08	3.35E-05	5.28E-09	1.84E-09	4.41E-04	6.94E-08	2.42E-08	3.87E-05	6.10E-09	2.13E-09	4.37E-04	6.88E-08	2.40E-08	1.77E-05	2.79E-09	9.73E-10
5160	476363.09, 3864877.25	4.50E-04	7.09E-08	2.47E-08	3.50E-05	5.51E-09	1.92E-09	4.56E-04	7.18E-08	2.50E-08	4.04E-05	6.36E-09	2.22E-09	4.52E-04	7.12E-08	2.48E-08	1.85E-05	2.91E-09	1.01E-09
5161	476863.09, 3864877.25	4.68E-04	7.37E-08	2.57E-08	3.67E-05	5.78E-09	2.01E-09	4.74E-04	7.47E-08	2.60E-08	4.24E-05	6.68E-09	2.33E-09	4.70E-04	7.40E-08	2.58E-08	1.94E-05	3.05E-09	1.06E-09
5162	477363.09, 3864877.25	4.88E-04	7.69E-08	2.68E-08	3.81E-05	6.00E-09	2.09E-09	4.95E-04	7.79E-08	2.71E-08	4.40E-05	6.94E-09	2.42E-09	4.90E-04	7.72E-08	2.69E-08	2.01E-05	3.17E-09	1.10E-09
5163	477863.09, 3864877.25	5.10E-04	8.03E-08	2.80E-08	3.94E-05	6.20E-09	2.16E-09	5.16E-04	8.13E-08	2.83E-08	4.55E-05	7.17E-09	2.50E-09	5.12E-04	8.07E-08	2.81E-08	2.08E-05	3.27E-09	1.14E-09
5164	478363.09, 3864877.25	5.31E-04	8.36E-08	2.91E-08	4.10E-05	6.45E-09	2.25E-09	5.38E-04	8.47E-08	2.95E-08	4.73E-05	7.46E-09	2.60E-09	5.34E-04	8.40E-08	2.93E-08	2.16E-05	3.40E-09	1.19E-09
5165	478863.09, 3864877.25	5.51E-04	8.68E-08	3.02E-08	4.31E-05	6.78E-09	2.36E-09	5.58E-04	8.80E-08	3.06E-08	4.98E-05	7.84E-09	2.73E-09	5.53E-04	8.72E-08	3.04E-08	2.27E-05	3.58E-09	1.25E-09
5166	479363.09, 3864877.25	5.67E-04	8.93E-08	3.11E-08	4.54E-05	7.16E-09	2.49E-09	5.74E-04	9.05E-08	3.15E-08	5.25E-05	8.27E-09	2.88E-09	5.69E-04	8.96E-08	3.12E-08	2.39E-05	3.77E-09	1.31E-09
5167	479863.09, 3864877.25	5.79E-04	9.12E-08	3.18E-08	4.77E-05	7.51E-09	2.62E-09	5.87E-04	9.25E-08	3.22E-08	5.51E-05	8.68E-09	3.03E-09	5.80E-04	9.14E-08	3.18E-08	2.51E-05	3.95E-09	1.38E-09
5168	480363.09, 3864877.25	5.91E-04	9.32E-08	3.25E-08	4.94E-05	7.78E-09	2.71E-09	6.00E-04	9.45E-08	3.29E-08	5.71E-05	8.99E-09	3.13E-09	5.92E-04	9.33E-08	3.25E-08	2.60E-05	4.09E-09	1.43E-09
5169	480863.09, 3864877.25	6.05E-04	9.53E-08	3.32E-08	4.97E-05	7.82E-09	2.73E-09	6.13E-04	9.66E-08	3.37E-08	5.74E-05	9.05E-09	3.15E-09	6.06E-04	9.55E-08	3.33E-08	2.61E-05	4.11E-09	1.43E-09
5170	481363.09, 3864877.25	6.24E-04	9.84E-08	3.43E-08	4.98E-05	7.84E-09	2.73E-09	6.33E-04	9.97E-08	3.47E-08	5.76E-05	9.07E-09	3.16E-09	6.27E-04	9.88E-08	3.44E-08	2.62E-05	4.12E-09	1.44E-09
5171	481863.09, 3864877.25	6.48E-04	1.02E-07	3.56E-08	5.06E-05	7.96E-09	2.77E-09	6.57E-04	1.03E-07	3.60E-08	5.85E-05	9.21E-09	3.21E-09	6.52E-04	1.03E-07	3.58E-08	2.65E-05	4.18E-09	1.46E-09
5172	482363.09, 3864877.25	6.70E-04	1.06E-07	3.68E-08	5.16E-05	8.12E-09	2.83E-09	6.79E-04	1.07E-07	3.73E-08	5.96E-05	9.40E-09	3.27E-09	6.74E-04	1.06E-07	3.70E-08	2.71E-05	4.26E-09	1.49E-09
5173	482863.09, 3864877.25	6.94E-04	1.09E-07	3.81E-08	5.17E-05	8.15E-09	2.84E-09	7.03E-04	1.11E-07	3.86E-08	5.98E-05	9.42E-09	3.28E-09	7.00E-04	1.10E-07	3.84E-08	2.71E-05	4.27E-09	1.49E-09
5174	483363.09, 3864877.25	7.23E-04	1.14E-07	3.97E-08	5.10E-05	8.03E-09	2.80E-09	7.32E-04	1.15E-07	4.02E-08	5.89E-05	9.29E-09	3.23E-09	7.31E-04	1.15E-07	4.01E-08	2.68E-05	4.22E-09	1.47E-09
5175	483863.09, 3864877.25	7.45E-04	1.17E-07	4.09E-08	5.11E-05	8.04E-09	2.80E-09	7.54E-04	1.19E-07	4.14E-08	5.90E-05	9.30E-09	3.24E-09	7.53E-04	1.19E-07	4.14E-08	2.68E-05	4.23E-09	1.47E-09
5176	484363.09, 3864877.25	7.59E-04	1.20E-07	4.16E-08	5.21E-05	8.20E-09	2.86E-09	7.68E-04	1.21E-07	4.21E-08	6.02E-05	9.48E-09	3.30E-09	7.67E-04	1.21E-07	4.21E-08	2.74E-05	4.31E-09	1.50E-09
5177	484863.09, 3864877.25	7.76E-04	1.22E-07	4.26E-08	5.14E-05	8.10E-09	2.82E-09	7.84E-04	1.24E-07	4.31E-08	5.95E-05	9.37E-09	3.26E-09	7.86E-04	1.24E-07	4.31E-08	2.70E-05	4.25E-09	1.48E-09
5178	485363.09, 3864877.25	8.00E-04	1.26E-07	4.39E-08	4.91E-05	7.73E-09	2.69E-09	8.08E-04	1.27E-07	4.43E-08	5.67E-05	8.94E-09	3.11E-09	8.13E-04	1.28E-07	4.46E-08	2.57E-05	4.06E-09	1.41E-09
5179	485863.09, 3864877.25	8.02E-04	1.26E-07	4.40E-08	4.71E-05	7.42E-09	2.58E-09	8.10E-04	1.28E-07	4.44E-08	5.45E-05	8.58E-09	2.99E-09	8.16E-04	1.29E-07	4.48E-08	2.47E-05	3.89E-09	1.36E-09
5180	486363.09, 3864877.25	7.94E-04	1.25E-07	4.36E-08	4.55E-05	7.17E-09	2.50E-09	8.02E-04	1.26E-07	4.40E-08	5.26E-05	8.29E-09	2.89E-09	8.09E-04	1.27E-07	4.44E-08	2.39E-05	3.76E-09	1.31E-09
5181	486863.09, 3864877.25	7.98E-04	1.26E-07	4.38E-08	4.46E-05	7.02E-09	2.45E-09	8.05E-04	1.27E-07	4.42E-08	5.15E-05	8.12E-09	2.83E-09	8.14E-04	1.28E-07	4.47E-08	2.34E-05	3.69E-09	1.29E-09
5182	487363.09, 3864877.25	7.86E-04	1.24E-07	4.31E-08	4.55E-05	7.16E-09	2.50E-09	7.93E-04	1.25E-07	4.35E-08	5.26E-05	8.28E-09	2.89E-09	8.00E-04	1.26E-07	4.39E-08	2.39E-05	3.77E-09	1.31E-09
5183	487863.09, 3864877.25	7.84E-04	1.24E-07	4.30E-08	4.79E-05	7.54E-09	2.63E-09	7.92E-04	1.25E-07	4.35E-08	5.53E-05	8.72E-09	3.04E-09	7.97E-04	1.25E-07	4.37E-08	2.52E-05	3.97E-09	1.38E-09
5184	488363.09, 3864877.25	7.78E-04	1.23E-07	4.27E-08	4.94E-05	7.78E-09	2.71E-09	7.86E-04	1.24E-07	4.31E-08	5.71E-05	8.99E-09	3.13E-09	7.89E-04	1.24E-07	4.33E-08	2.59E-05	4.09E-09	1.42E-09
5185	488863.09, 3864877.25	7.69E-04	1.21E-07	4.22E-08	4.92E-05	7.75E-09	2.70E-09	7.77E-04	1.22E-07	4.27E-08	5.69E-05	8.97E-09	3.12E-09	7.80E-04	1.23E-07	4.28E-08	2.58E-05	4.07E-09	1.42E-09
5186	489363.09, 3864877.25	7.72E-04	1.22E-07	4.24E-08	4.74E-05	7.47E-09	2.60E-09	7.80E-04	1.23E-07	4.28E-08	5.48E-05	8.64E-09	3.01E-09	7.85E-04	1.24E-07	4.31E-08	2.49E-05	3.92E-09	1.36E-09
5187	489863.09, 3864877.25	7.80E-04	1.23E-07	4.28E-08	4.60E-05	7.25E-09	2.53E-09	7.88E-04	1.24E-07	4.33E-08	5.33E-05	8.39E-09	2.92E-09	7.94E-04	1.25E-07	4.36E-08	2.42E-05	3.81E-09	1.33E-09
5188	490363.09, 3864877.25	7.86E-04	1.24E-07	4.31E-08	4.69E-05	7.39E-09	2.58E-09	7.94E-04	1.25E-07	4.36E-08	5.43E-05	8.55E-09	2.98E-09	7.99E-04	1.26E-07	4.39E-08	2.46E-05	3.88E-09	1.35E-09
5189	490863.09, 3864877.25	7.46E-04	1.17E-07	4.09E-08	5.20E-05	8.19E-09	2.85E-09	7.55E-04	1.19E-07	4.14E-08	6.02E-05	9.48E-09	3.30E-09	7.54E-04	1.19E-07	4.14E-08	2.72E-05	4.29E-09	1.50E-09
5190	491363.09, 3864877.25	8.09E-04	1.27E-07	4.44E-08	5.27E-05	8.30E-09	2.89E-09	8.18E-04	1.29E-07	4.49E-08	6.09E-05	9.60E-09	3.34E-09	8.20E-04	1.29E-07	4.50E-08	2.76E-05	4.35E-09	1.52E-09
5191	491863.09, 3864877.25	7.45E-04	1.17E-07	4.09E-08	5.27E-05	8.30E-09	2.89E-09	7.54E-04	1.19E-07	4.14E-08	6.09E-05	9.60E-09	3.34E-09	7.53E-04	1.19E-07	4.13E-08	2.76E-05	4.36E-09	1.52E-09
5192	492363.09, 3864877.25	2.66E-04	4.19E-08	1.46E-08	2.64E-05	4.15E-09	1.45E-09	2.70E-04	4.26E-08	1.48E-08	3.04E-05	4.80E-09	1.67E-09	2.63E-04	4.14E-08	1.44E-08	1.40E-05	2.20E-09	7.66E-10
5193	492863.09, 3864877.25	3.66E-04	5.77E-08	2.01E-08	3.83E-05	6.04E-09	2.10E-09	3.73E-04	5.87E-08	2.05E-08	4.43E-05	6.98E-09	2.43E-09	3.61E-04	5.69E-08	1.98E-08	2.02E-05	3.19E-09	1.11E-09
5194	493363.09, 3864877.25	3.76E-04	5.93E-08	2.06E-08	3.65E-05	5.74E-09	2.00E-09	3.82E-04	6.02E-08	2.10E-08	4.21E-05	6.64E-09	2.31E-09	3.73E-04	5.87E-08	2.05E-08	1.93E-05	3.04E-09	1.06E-09
5195	493863.09, 3864877.25	7.02E-04	1.11E-07	3.86E-08	5.03E-05	7.92E-09	2.76E-09	7.11E-04	1.12E-07	3.90E-08	5.81E-05	9.15E-09	3.19E-09	7.08E-04	1.12E-07	3.89E-08	2.65E-05	4.18E-09	1.46E-09
5196	494363.09, 3864877.25	7.64E-04	1.20E-07	4.20E-08	5.40E-05	8.51E-09	2.96E-09	7.74E-04	1.22E-07	4.25E-08	6.24E-05	9.84E-09	3.43E-09	7.72E-04	1.22E-07	4.24E-08	2.84E-05	4.47E-09	1.56E-09
5197	494863.09, 3864877.25	7.70E-04	1.21E-07	4.22E-08	5.72E-05	9.01E-09	3.14E-09	7.79E-04	1.23E-07	4.28E-08	6.62E-05	1.04E-08	3.63E-09	7.76E-04	1.22E-07	4.26E-08	3.00E-05	4.73E-09	1.65E-09
5198	495363.09, 3864877.25	7.85E-04	1.24E-07	4.31E-08	5.82E-05	9.17E-09	3.19E-09	7.95E-04	1.25E-07	4.36E-08	6.73E-05	1.06E-08	3.69E-09	7.91E-04	1.25E-07	4.34E-08	3.06E-05	4.82E-09	1.68E-09
5199	495863.09, 3864877.25	8.07E-04	1.27E-07	4.43E-08	5.65E-05	8.90E-09	3.10E-09	8.16E-04	1.29E-07	4.48E-08	6.53E-05	1.03E-08	3.58E-09	8.15E-04	1.28E-07	4.47E-08	2.97E-05	4.68E-09	1.63E-09
5200	496363.09, 3864877.25	8.09E-04	1.27E-07	4.44E-08	5.39E-05	8.49E-09	2.96E-09	8.18E-04	1.29E-07	4.49E-08	6.23E-05	9.82E-09	3.42E-09	8.19E-04	1.29E-07	4.49E-08	2.83E-05	4.46E-09	1.56E-09
5201	496863.09, 3864877.25	8.20E-04	1.29E-07	4.50E-08	5.13E-05	8.09E-09	2.82E-09	8.29E-04	1.31E-07	4.55E-08	5.94E-05	9.35E-09	3.26E-09	8.33E-04	1.31E-07	4.57E-08	2.70E-05	4.25E-09	1.48E-09
5202	497363.09, 3864877.25	8.33E-04	1.31E-07	4.57E-08	4.99E-05	7.86E-09	2.74E-09	8.42E-04	1.33E-07	4.62E-08	5.77E-05	9.09E-09	3.17E-09	8.47E-04	1.34E-07	4.65E-08	2.62E-05	4.13E-09	1.44E-09
5203	497863.09, 3864877.25	8.43E-04	1.33E-07	4.63E-08	4.97E-05	7.82E-09	2.73E-09	8.52E-04	1.34E-07	4.68E-08	5.74E-05	9.05E-09	3.15E-09	8.58E-04	1.35E-07	4.71E-08	2.61E-05	4.11E-09	1.43E-09
5204	498363.09, 3864877.25	8.53E-04	1.34E-07	4.68E-08	4.95E-05	7.80E-09	2.72E-09	8.61E-04	1.36E-07	4.73E-08	5.73E-05	9.02E-09	3.14E-09	8.68E-04	1.37E-07	4.76E-08	2.60E-05	4.10E-09	1.43E-09
5205	471363.09, 3865377.25	2.97E-04	4.67E-08	1.63E-08	2.55E-05	4.01E-09	1.40E-09	3.01E-04	4.74E-08	1.65E-08	2.94E-05	4.63E-09	1.61E-09	2.96E-04	4.66E-08	1.62E-08	1.35E-05	2.12E-09	7.40E-10
5206	471863.09, 3865377.25	3.07E-04	4.84E-08	1.69E-08	2.57E-05	4.04E-09	1.41E-09	3.12E-04	4.91E-08	1.71E-08	2.96E-05	4.67E-09	1.63E-09	3.07E-04	4.84E-08	1.69E-08	1.36E-05	2.14E-09	7.46E-10
5207	472363.09, 3865377.25	3.20E-04	5.05E-08	1.76E-08	2.61E-05	4.11E-09	1.43E-09	3.25E-04	5.12E-08	1.78E-08	3.01E-05	4.74E-09	1.65E-09	3.21E-04	5.05E-08	1.76E-08	1.38E-05	2.18E-09	7.58E-10
5208	472863.09, 3865377.25	3.33E-04	5.25E-08	1.83E-08	2.67E-05	4.21E-09	1.47E-09	3.38E-04	5.32E-08	1.85E-08	3.09E-05	4.86E-09	1.69E-09	3.34E-04	5.26E-08	1.83E-08	1.42E-05	2.23E-09	7.77E-10
5209	473363.09, 3865377.25	3.48E-04	5.48E-08	1.91E-08	2.74E-05	4.31E-09	1.50E-09	3.53E-04	5.56E-08	1.94E-08	3.16E-05	4.98E-09	1.73E-09	3.49E-04	5.50E-08	1.92E-08	1.45E-05	2.28E-09	7.95E-10
5210	473863.09, 3865377.25	3.61E-04	5.69E-08	1.98E-08	2.81E-05	4.43E-09	1.54E-09	3.66E-04	5.77E-08	2.01E-08	3.25E-05	5.11E-09	1.78E-09	3.63E-04	5.71E-08	1.99E-08	1.49E-05	2.34E-09	8.17E-10
5211	474363.09, 3865377.25	3.74E-04	5.89E-08	2.05E-08	2.89E-05	4.56E-09	1.59E-09	3.78E-04	5.96E-08	2.08E-08	3.34E-05	5.26E-09	1.83E-09	3.75E-04	5.91E-08	2.06E-08	1.53E-05	2.41E-09	8.40E-10
5212	474863.09, 3865377.25	3.85E-04	6.07E-08	2.11E-08	2.98E-05	4.70E-09	1.64E-09	3.90E-04	6.15E-08	2.14E-08	3.44E-05	5.42E-09	1.89E-09	3.87E-04	6.09E-08	2.12E-08	1.58E-05	2.49E-09	8.66E-10
5213	475363.09, 3865377.25	3.97E-04	6.25E-08	2.18E-08	3.06E-05	4.83E-09	1.68E-09	4.02E-04	6.33E-08	2.21E-08	3.54E-05	5.58E-09	1.94E-09	3.98E-04	6.27E-08	2.19E-08	1.62E-05	2.55E-09	8.90E-10
5214	475863.09, 3865377.25	4.10E-04	6.46E-08	2.25E-08	3.18E-05	5.01E-09	1.75E-09	4.15E-04	6.54E-08	2.28E-08	3.68E-05	5.79E-09	2.02E-09	4.12E-04	6.48E-08	2.26E-08	1.68E-05	2.65E-09	9.24E-10
5215	476363.09, 3865377.25	4.22E-04	6.65E-08	2.32E-08	3.37E-05	5.31E-09	1.85E-09	4.28E-04	6.74E-08	2.35E-08	3.89E-05	6.13E-09	2.14E-09	4.23E-04	6.67E-08	2.32E-08	1.78E-05	2.80E-09	9.77E-10
5216	476863.09, 3865377.25	4.08E-04	6.42E-08	2.24E-08	3.53E-05	5.56E-09	1.94E-09	4.14E-04	6.52E-08	2.27E-08	4.08E-05	6.42E-09	2.24E-09	4.07E-04	6.41E-08	2.23E-08	1.87E-05	2.94E-09	1.02E-09
5217	477363.09, 3865377.25	4.58E-04	7.21E-08	2.51E-08	3.62E-05	5.71E-09	1.99E-09	4.64E-04	7.31E-08	2.55E-08	4.19E-05	6.60E-09	2.30E-09	4.59E-04	7.24E-08	2.52E-08	1.91E-05	3.02E-09	1.05E-09
5218	477863.09, 3865377.25	4.77E-04	7.52E-08	2.62E-08	3.71E-05	5.85E-09	2.04E-09	4.84E-04	7.62E-08	2.65E-08	4.29E-05	6.76E-09	2.35E-09	4.79E-04	7.55E-08	2.63E-08	1.96E-05	3.09E-09	1.08E-09
5219	478363.09, 3865377.25	4.93E-04	7.77E-08	2.71E-08	3.89E-05	6.14E-09	2.14E-09	5.00E-04	7.88E-08	2.74E-08	4.50E-05	7.09E-09	2.47E-09	4.95E-04	7.80E-08	2.72E-08	2.06E-05	3.24E-09	1.13E-09
5220	478863.09, 3865377.25	5.05E-04	7.96E-08	2.77E-08	4.09E-05	6.44E-09	2.24E-09	5.12E-04	8.06E-08	2.81E-08	4.73E-05	7.44E-09	2.59E-09	5.06E-04	7.98E-08	2.78E-08	2.16E-05	3.40E-09	1.18E-09
5221	479363.09, 3865377.25	5.13E-04	8.08E-08	2.82E-08	4.28E-05	6.74E-09	2.35E-09	5.20E-04	8.19E-08	2.85E-08	4.95E-05	7.80E-09	2.72E-09	5.14E-04	8.09E-08	2.82E-08	2.26E-05	3.55E-09	1.24E-09
5222	479863.09, 3865377.25	5.23E-04	8.23E-08	2.87E-08	4.45E-05	7.01E-09	2.44E-09	5.30E-04	8.35E-08	2.91E-08	5.15E-05	8.11E-09	2.82E-09	5.23E-04	8.24E-08	2.87E-08	2.34E-05	3.69E-09	1.29E-09

5223	480363.09, 3865377.25	5.35E-04	8.44E-08	2.94E-08	4.52E-05	7.12E-09	2.48E-09	5.43E-04	8.56E-08	2.98E-08	5.22E-05	8.23E-09	2.87E-09	5.36E-04	8.45E-08	2.94E-08	2.37E-05	3.74E-09	1.30E-09
5224	480863.09, 3865377.25	5.53E-04	8.71E-08	3.03E-08	4.53E-05	7.13E-09	2.48E-09	5.61E-04	8.83E-08	3.08E-08	5.23E-05	8.25E-09	2.87E-09	5.54E-04	8.73E-08	3.04E-08	2.38E-05	3.75E-09	1.31E-09
5225	481363.09, 3865377.25	5.72E-04	9.02E-08	3.14E-08	4.56E-05	7.18E-09	2.50E-09	5.80E-04	9.14E-08	3.18E-08	5.27E-05	8.30E-09	2.89E-09	5.75E-04	9.06E-08	3.16E-08	2.39E-05	3.77E-09	1.31E-09
5226	481863.09, 3865377.25	5.90E-04	9.30E-08	3.24E-08	4.62E-05	7.28E-09	2.54E-09	5.98E-04	9.42E-08	3.28E-08	5.34E-05	8.42E-09	2.93E-09	5.94E-04	9.35E-08	3.26E-08	2.43E-05	3.82E-09	1.33E-09
5227	482363.09, 3865377.25	6.09E-04	9.60E-08	3.34E-08	4.68E-05	7.38E-09	2.57E-09	6.17E-04	9.72E-08	3.39E-08	5.42E-05	8.53E-09	2.97E-09	6.13E-04	9.66E-08	3.37E-08	2.46E-05	3.87E-09	1.35E-09
5228	482863.09, 3865377.25	6.35E-04	1.00E-07	3.48E-08	4.66E-05	7.34E-09	2.56E-09	6.43E-04	1.01E-07	3.53E-08	5.39E-05	8.49E-09	2.96E-09	6.40E-04	1.01E-07	3.51E-08	2.45E-05	3.85E-09	1.34E-09
5229	483363.09, 3865377.25	6.61E-04	1.04E-07	3.63E-08	4.62E-05	7.28E-09	2.54E-09	6.69E-04	1.05E-07	3.67E-08	5.34E-05	8.42E-09	2.93E-09	6.68E-04	1.05E-07	3.67E-08	2.43E-05	3.83E-09	1.33E-09
5230	483863.09, 3865377.25	6.72E-04	1.06E-07	3.69E-08	4.68E-05	7.38E-09	2.57E-09	6.80E-04	1.07E-07	3.73E-08	5.41E-05	8.53E-09	2.97E-09	6.79E-04	1.07E-07	3.73E-08	2.46E-05	3.88E-09	1.35E-09
5231	484363.09, 3865377.25	6.80E-04	1.07E-07	3.73E-08	4.76E-05	7.49E-09	2.61E-09	6.88E-04	1.08E-07	3.77E-08	5.50E-05	8.66E-09	3.02E-09	6.87E-04	1.08E-07	3.77E-08	2.50E-05	3.94E-09	1.37E-09
5232	484863.09, 3865377.25	6.95E-04	1.09E-07	3.81E-08	4.67E-05	7.36E-09	2.57E-09	7.03E-04	1.11E-07	3.86E-08	5.41E-05	8.52E-09	2.97E-09	7.04E-04	1.11E-07	3.86E-08	2.45E-05	3.86E-09	1.35E-09
5233	485363.09, 3865377.25	7.07E-04	1.11E-07	3.88E-08	4.47E-05	7.04E-09	2.45E-09	7.14E-04	1.13E-07	3.92E-08	5.17E-05	8.14E-09	2.84E-09	7.18E-04	1.13E-07	3.94E-08	2.35E-05	3.70E-09	1.29E-09
5234	485863.09, 3865377.25	6.98E-04	1.10E-07	3.83E-08	4.30E-05	6.77E-09	2.36E-09	7.06E-04	1.11E-07	3.87E-08	4.97E-05	7.83E-09	2.73E-09	7.10E-04	1.12E-07	3.90E-08	2.26E-05	3.56E-09	1.24E-09
5235	486363.09, 3865377.25	7.01E-04	1.10E-07	3.85E-08	4.16E-05	6.55E-09	2.28E-09	7.08E-04	1.12E-07	3.89E-08	4.81E-05	7.57E-09	2.64E-09	7.14E-04	1.12E-07	3.92E-08	2.18E-05	3.44E-09	1.20E-09
5236	486863.09, 3865377.25	7.03E-04	1.11E-07	3.86E-08	4.05E-05	6.38E-09	2.22E-09	7.10E-04	1.12E-07	3.90E-08	4.68E-05	7.38E-09	2.57E-09	7.16E-04	1.13E-07	3.93E-08	2.13E-05	3.35E-09	1.17E-09
5237	487363.09, 3865377.25	6.92E-04	1.09E-07	3.80E-08	4.12E-05	6.48E-09	2.26E-09	6.99E-04	1.10E-07	3.83E-08	4.76E-05	7.49E-09	2.61E-09	7.03E-04	1.11E-07	3.86E-08	2.17E-05	3.41E-09	1.19E-09
5238	487863.09, 3865377.25	6.88E-04	1.08E-07	3.77E-08	4.34E-05	6.83E-09	2.38E-09	6.95E-04	1.09E-07	3.81E-08	5.02E-05	7.90E-09	2.75E-09	6.98E-04	1.10E-07	3.83E-08	2.28E-05	3.60E-09	1.25E-09
5239	488363.09, 3865377.25	6.81E-04	1.07E-07	3.74E-08	4.51E-05	7.10E-09	2.47E-09	6.88E-04	1.08E-07	3.78E-08	5.21E-05	8.21E-09	2.86E-09	6.89E-04	1.09E-07	3.78E-08	2.37E-05	3.74E-09	1.30E-09
5240	488863.09, 3865377.25	6.74E-04	1.06E-07	3.70E-08	4.54E-05	7.15E-09	2.49E-09	6.82E-04	1.07E-07	3.74E-08	5.25E-05	8.27E-09	2.88E-09	6.83E-04	1.08E-07	3.75E-08	2.38E-05	3.75E-09	1.31E-09
5241	489363.09, 3865377.25	6.81E-04	1.07E-07	3.74E-08	4.42E-05	6.96E-09	2.43E-09	6.88E-04	1.08E-07	3.78E-08	5.11E-05	8.06E-09	2.81E-09	6.91E-04	1.09E-07	3.79E-08	2.32E-05	3.65E-09	1.27E-09
5242	489863.09, 3865377.25	6.90E-04	1.09E-07	3.79E-08	4.29E-05	6.75E-09	2.35E-09	6.97E-04	1.10E-07	3.83E-08	4.96E-05	7.81E-09	2.72E-09	7.01E-04	1.10E-07	3.85E-08	2.25E-05	3.54E-09	1.23E-09
5243	490363.09, 3865377.25	6.61E-04	1.04E-07	3.63E-08	4.41E-05	6.94E-09	2.42E-09	6.68E-04	1.05E-07	3.67E-08	5.10E-05	8.03E-09	2.80E-09	6.69E-04	1.05E-07	3.67E-08	2.31E-05	3.64E-09	1.27E-09
5244	490863.09, 3865377.25	6.39E-04	1.01E-07	3.51E-08	4.60E-05	7.25E-09	2.53E-09	6.47E-04	1.02E-07	3.55E-08	5.32E-05	8.39E-09	2.92E-09	6.45E-04	1.02E-07	3.54E-08	2.41E-05	3.80E-09	1.32E-09
5245	491363.09, 3865377.25	6.28E-04	9.90E-08	3.45E-08	4.84E-05	7.62E-09	2.66E-09	6.36E-04	1.00E-07	3.49E-08	5.60E-05	8.82E-09	3.07E-09	6.32E-04	9.96E-08	3.47E-08	2.54E-05	3.99E-09	1.39E-09
5246	491863.09, 3865377.25	6.44E-04	1.02E-07	3.54E-08	4.86E-05	7.66E-09	2.67E-09	6.53E-04	1.03E-07	3.58E-08	5.62E-05	8.86E-09	3.09E-09	6.49E-04	1.02E-07	3.56E-08	2.55E-05	4.02E-09	1.40E-09
5247	492363.09, 3865377.25	4.90E-04	7.72E-08	2.69E-08	4.40E-05	6.93E-09	2.41E-09	4.98E-04	7.84E-08	2.73E-08	5.08E-05	8.01E-09	2.79E-09	4.89E-04	7.70E-08	2.68E-08	2.31E-05	3.65E-09	1.27E-09
5248	492863.09, 3865377.25	3.72E-04	5.87E-08	2.04E-08	3.97E-05	6.25E-09	2.18E-09	3.79E-04	5.97E-08	2.08E-08	4.58E-05	7.22E-09	2.52E-09	3.67E-04	5.78E-08	2.01E-08	2.09E-05	3.29E-09	1.15E-09
5249	493363.09, 3865377.25	3.21E-04	5.05E-08	1.76E-08	3.38E-05	5.32E-09	1.85E-09	3.26E-04	5.14E-08	1.79E-08	3.90E-05	6.15E-09	2.14E-09	3.16E-04	4.98E-08	1.74E-08	1.78E-05	2.81E-09	9.79E-10
5250	493863.09, 3865377.25	5.08E-04	8.01E-08	2.79E-08	4.58E-05	7.21E-09	2.51E-09	5.16E-04	8.13E-08	2.83E-08	5.29E-05	8.33E-09	2.90E-09	5.06E-04	7.97E-08	2.78E-08	2.42E-05	3.81E-09	1.33E-09
5251	494363.09, 3865377.25	6.46E-04	1.02E-07	3.55E-08	4.59E-05	7.23E-09	2.52E-09	6.54E-04	1.03E-07	3.59E-08	5.30E-05	8.35E-09	2.91E-09	6.52E-04	1.03E-07	3.58E-08	2.42E-05	3.81E-09	1.33E-09
5252	494863.09, 3865377.25	6.75E-04	1.06E-07	3.71E-08	4.90E-05	7.72E-09	2.69E-09	6.84E-04	1.08E-07	3.75E-08	5.66E-05	8.92E-09	3.11E-09	6.81E-04	1.07E-07	3.74E-08	2.58E-05	4.06E-09	1.41E-09
5253	495363.09, 3865377.25	6.76E-04	1.06E-07	3.71E-08	5.21E-05	8.21E-09	2.86E-09	6.85E-04	1.08E-07	3.76E-08	6.03E-05	9.50E-09	3.31E-09	6.80E-04	1.07E-07	3.73E-08	2.74E-05	4.31E-09	1.50E-09
5254	495863.09, 3865377.25	6.93E-04	1.09E-07	3.80E-08	5.31E-05	8.37E-09	2.92E-09	7.02E-04	1.11E-07	3.85E-08	6.14E-05	9.68E-09	3.37E-09	6.97E-04	1.10E-07	3.83E-08	2.79E-05	4.40E-09	1.53E-09
5255	496363.09, 3865377.25	6.89E-04	1.09E-07	3.78E-08	5.22E-05	8.23E-09	2.87E-09	6.98E-04	1.10E-07	3.83E-08	6.04E-05	9.51E-09	3.31E-09	6.93E-04	1.09E-07	3.81E-08	2.74E-05	4.32E-09	1.51E-09
5256	496863.09, 3865377.25	6.89E-04	1.09E-07	3.78E-08	4.99E-05	7.86E-09	2.74E-09	6.97E-04	1.10E-07	3.83E-08	5.77E-05	9.09E-09	3.17E-09	6.95E-04	1.09E-07	3.81E-08	2.62E-05	4.13E-09	1.44E-09
5257	497363.09, 3865377.25	7.10E-04	1.12E-07	3.90E-08	4.73E-05	7.45E-09	2.60E-09	7.18E-04	1.13E-07	3.94E-08	5.47E-05	8.62E-09	3.00E-09	7.19E-04	1.13E-07	3.94E-08	2.49E-05	3.92E-09	1.37E-09
5258	497863.09, 3865377.25	7.23E-04	1.14E-07	3.97E-08	4.58E-05	7.21E-09	2.51E-09	7.30E-04	1.15E-07	4.01E-08	5.30E-05	8.34E-09	2.91E-09	7.33E-04	1.16E-07	4.02E-08	2.41E-05	3.79E-09	1.32E-09
5259	498363.09, 3865377.25	7.28E-04	1.15E-07	4.00E-08	4.55E-05	7.17E-09	2.50E-09	7.36E-04	1.16E-07	4.04E-08	5.26E-05	8.29E-09	2.89E-09	7.40E-04	1.17E-07	4.06E-08	2.39E-05	3.77E-09	1.31E-09
5260	471363.09, 3865877.25	2.91E-04	4.58E-08	1.59E-08	2.36E-05	3.72E-09	1.30E-09	2.95E-04	4.64E-08	1.62E-08	2.73E-05	4.30E-09	1.50E-09	2.91E-04	4.58E-08	1.60E-08	1.25E-05	1.97E-09	6.87E-10
5261	471863.09, 3865877.25	3.02E-04	4.76E-08	1.66E-08	2.41E-05	3.80E-09	1.32E-09	3.06E-04	4.83E-08	1.68E-08	2.78E-05	4.39E-09	1.53E-09	3.03E-04	4.77E-08	1.66E-08	1.28E-05	2.01E-09	7.02E-10
5262	472363.09, 3865877.25	3.13E-04	4.92E-08	1.72E-08	2.49E-05	3.92E-09	1.37E-09	3.17E-04	4.99E-08	1.74E-08	2.87E-05	4.53E-09	1.58E-09	3.13E-04	4.93E-08	1.72E-08	1.32E-05	2.08E-09	7.25E-10
5263	472863.09, 3865877.25	3.24E-04	5.11E-08	1.78E-08	2.55E-05	4.01E-09	1.40E-09	3.29E-04	5.18E-08	1.80E-08	2.94E-05	4.63E-09	1.61E-09	3.25E-04	5.13E-08	1.79E-08	1.35E-05	2.13E-09	7.41E-10
5264	473363.09, 3865877.25	3.35E-04	5.27E-08	1.84E-08	2.61E-05	4.12E-09	1.43E-09	3.39E-04	5.34E-08	1.86E-08	3.02E-05	4.75E-09	1.66E-09	3.36E-04	5.29E-08	1.84E-08	1.38E-05	2.18E-09	7.60E-10
5265	473863.09, 3865877.25	3.44E-04	5.42E-08	1.89E-08	2.68E-05	4.22E-09	1.47E-09	3.49E-04	5.50E-08	1.91E-08	3.09E-05	4.87E-09	1.70E-09	3.46E-04	5.44E-08	1.90E-08	1.42E-05	2.24E-09	7.79E-10
5266	474363.09, 3865877.25	3.53E-04	5.57E-08	1.94E-08	2.75E-05	4.32E-09	1.51E-09	3.58E-04	5.64E-08	1.97E-08	3.17E-05	4.99E-09	1.74E-09	3.55E-04	5.59E-08	1.95E-08	1.45E-05	2.29E-09	7.98E-10
5267	474863.09, 3865877.25	3.64E-04	5.73E-08	2.00E-08	2.83E-05	4.45E-09	1.55E-09	3.68E-04	5.80E-08	2.02E-08	3.26E-05	5.14E-09	1.79E-09	3.65E-04	5.75E-08	2.00E-08	1.50E-05	2.36E-09	8.21E-10
5268	475363.09, 3865877.25	3.75E-04	5.91E-08	2.06E-08	2.92E-05	4.60E-09	1.60E-09	3.80E-04	5.99E-08	2.09E-08	3.38E-05	5.32E-09	1.85E-09	3.77E-04	5.93E-08	2.07E-08	1.55E-05	2.44E-09	8.49E-10
5269	475863.09, 3865877.25	3.89E-04	6.12E-08	2.13E-08	3.04E-05	4.80E-09	1.67E-09	3.94E-04	6.21E-08	2.16E-08	3.52E-05	5.54E-09	1.93E-09	3.90E-04	6.15E-08	2.14E-08	1.61E-05	2.54E-09	8.84E-10
5270	476363.09, 3865877.25	3.94E-04	6.21E-08	2.16E-08	3.23E-05	5.08E-09	1.77E-09	4.00E-04	6.30E-08	2.19E-08	3.73E-05	5.87E-09	2.05E-09	3.95E-04	6.22E-08	2.17E-08	1.71E-05	2.69E-09	9.36E-10
5271	476863.09, 3865877.25	3.85E-04	6.06E-08	2.11E-08	3.34E-05	5.27E-09	1.83E-09	3.90E-04	6.15E-08	2.14E-08	3.86E-05	6.08E-09	2.12E-09	3.84E-04	6.05E-08	2.11E-08	1.77E-05	2.78E-09	9.70E-10
5272	477363.09, 3865877.25	4.28E-04	6.75E-08	2.35E-08	3.45E-05	5.43E-09	1.89E-09	4.34E-04	6.84E-08	2.38E-08	3.98E-05	6.27E-09	2.19E-09	4.29E-04	6.77E-08	2.36E-08	1.82E-05	2.87E-09	9.99E-10
5273	477863.09, 3865877.25	4.43E-04	6.98E-08	2.43E-08	3.55E-05	5.59E-09	1.95E-09	4.49E-04	7.08E-08	2.47E-08	4.10E-05	6.46E-09	2.25E-09	4.44E-04	7.00E-08	2.44E-08	1.87E-05	2.95E-09	1.03E-09
5274	478363.09, 3865877.25	4.52E-04	7.13E-08	2.48E-08	3.72E-05	5.86E-09	2.04E-09	4.59E-04	7.23E-08	2.52E-08	4.30E-05	6.77E-09	2.36E-09	4.53E-04	7.14E-08	2.49E-08	1.96E-05	3.09E-09	1.08E-09
5275	478863.09, 3865877.25	4.59E-04	7.24E-08	2.52E-08	3.88E-05	6.12E-09	2.13E-09	4.66E-04	7.34E-08	2.56E-08	4.49E-05	7.07E-09	2.46E-09	4.60E-04	7.24E-08	2.52E-08	2.05E-05	3.22E-09	1.12E-09
5276	479363.09, 3865877.25	4.68E-04	7.37E-08	2.57E-08	4.03E-05	6.35E-09	2.21E-09	4.75E-04	7.48E-08	2.60E-08	4.66E-05	7.34E-09	2.56E-09	4.68E-04	7.37E-08	2.57E-08	2.12E-05	3.34E-09	1.16E-09
5277	479863.09, 3865877.25	4.80E-04	7.56E-08	2.63E-08	4.12E-05	6.49E-09	2.26E-09	4.87E-04	7.67E-08	2.67E-08	4.76E-05	7.51E-09	2.61E-09	4.80E-04	7.56E-08	2.63E-08	2.17E-05	3.41E-09	1.19E-09
5278	480363.09, 3865877.25	4.95E-04	7.81E-08	2.72E-08	4.16E-05	6.55E-09	2.28E-09	5.03E-04	7.92E-08	2.76E-08	4.81E-05	7.58E-09	2.64E-09	4.96E-04	7.82E-08	2.72E-08	2.19E-05	3.44E-09	1.20E-09
5279	480863.09, 3865877.25	5.11E-04	8.05E-08	2.81E-08	4.18E-05	6.58E-09	2.29E-09	5.18E-04	8.17E-08	2.85E-08	4.83E-05	7.61E-09	2.65E-09	5.13E-04	8.08E-08	2.81E-08	2.19E-05	3.46E-09	1.20E-09
5280	481363.09, 3865877.25	5.25E-04	8.27E-08	2.88E-08	4.19E-05	6.60E-09	2.30E-09	5.32E-04	8.38E-08	2.92E-08	4.84E-05	7.63E-09	2.66E-09	5.27E-04	8.30E-08	2.89E-08	2.20E-05	3.47E-09	1.21E-09
5281	481863.09, 3865877.25	5.40E-04	8.50E-08	2.96E-08	4.24E-05	6.67E-09	2.32E-09	5.47E-04	8.62E-08	3.00E-08	4.90E-05	7.72E-09	2.69E-09	5.43E-04	8.55E-08	2.98E-08	2.22E-05	3.50E-09	1.22E-09
5282	482363.09, 3865877.25	5.61E-04	8.84E-08	3.08E-08	4.27E-05	6.73E-09	2.34E-09	5.68E-04	8.95E-08	3.12E-08	4.94E-05	7.78E-09	2.71E-09	5.65E-04	8.90E-08	3.10E-08	2.24E-05	3.53E-09	1.23E-09
5283	482863.09, 3865877.25	5.87E-04	9.25E-08	3.22E-08	4.24E-05	6.68E-09	2.33E-09	5.94E-04	9.36E-08	3.26E-08	4.90E-05	7.72E-09	2.69E-09	5.92E-04	9.33E-08	3.25E-08	2.23E-05	3.51E-09	1.22E-09
5284	483363.09, 3865877.25	6.04E-04	9.51E-08	3.31E-08	4.24E-05	6.67E-09	2.32E-09	6.11E-04	9.63E-08	3.35E-08	4.90E-05	7.71E-09	2.69E-09	6.10E-04	9.61E-08	3.35E-08	2.23E-05	3.51E-09	1.22E-09
5285	483863.09, 3865877.25	6.09E-04	9.59E-08	3.34E-08	4.33E-05	6.82E-09	2.38E-09	6.16E-04	9.70E-08	3.38E-08	5.00E-05	7.88E-09	2.75E-09	6.14E-04	9.68E-08	3.37E-08	2.28E-05	3.59E-09	1.25E-09
5286	484363.09, 3865877.25	6.15E-04	9.69E-08	3.38E-08	4.38E-05	6.90E-09	2.40E-09	6.23E-04	9.81E-08	3.42E-08	5.06E-05	7.98E-09	2.78E-09	6.21E-04	9.79E-08	3.41E-08	2.30E-05	3.62E-09	1.26E-09
5287	484863.09, 3865877.25	6.25E-04	9.85E-08	3.43E-08	4.27E-05	6.72E-09	2.34E-09	6.32E-04	9.96E-08	3.47E-08	4.93E-05	7.77E-09	2.71E-09	6.33E-04	9.97E-08	3.47E-08	2.24E-05	3.53E-09	1.23E-09
5288	485363.09, 3865877.25	6.25E-04	9.85E-08	3.43E-08	4.09E-05	6.45E-09	2.25E-09	6.32E-04	9.96E-08	3.47E-08	4.73E-05	7.46E-09	2.60E-09	6.34E-04	9.99E-08	3.48E-08	2.15E-05	3.39E-09	1.18E-09
5289	485863.09, 3865877.25	6.15E-04	9.69E-08	3.38E-08	3.95E-05	6.22E-09	2.17E-09	6.22E-04	9.80E-08	3.41E-08	4.56E-05	7.19E-09	2.51E-09	6.24E-04	9.84E-08	3.43E-08	2.07E-05	3.27E-09	1.14E-09

5290	486363.09, 3865877.25	6.26E-04	9.86E-08	3.44E-08	3.80E-05	5.99E-09	2.09E-09	6.32E-04	9.96E-08	3.47E-08	4.40E-05	6.93E-09	2.41E-09	6.36E-04	1.00E-07	3.49E-08	2.00E-05	3.15E-09	1.10E-09
5291	486863.09, 3865877.25	6.26E-04	9.86E-08	3.44E-08	3.70E-05	5.83E-09	2.03E-09	6.32E-04	9.96E-08	3.47E-08	4.28E-05	6.74E-09	2.35E-09	6.37E-04	1.00E-07	3.49E-08	1.95E-05	3.07E-09	1.07E-09
5292	487363.09, 3865877.25	6.15E-04	9.69E-08	3.38E-08	3.74E-05	5.89E-09	2.05E-09	6.22E-04	9.79E-08	3.41E-08	4.33E-05	6.81E-09	2.37E-09	6.25E-04	9.85E-08	3.43E-08	1.97E-05	3.11E-09	1.08E-09
5293	487863.09, 3865877.25	6.12E-04	9.64E-08	3.36E-08	3.96E-05	6.23E-09	2.17E-09	6.19E-04	9.74E-08	3.39E-08	4.57E-05	7.21E-09	2.51E-09	6.20E-04	9.77E-08	3.40E-08	2.08E-05	3.28E-09	1.14E-09
5294	488363.09, 3865877.25	6.03E-04	9.50E-08	3.31E-08	4.13E-05	6.50E-09	2.27E-09	6.10E-04	9.61E-08	3.35E-08	4.77E-05	7.52E-09	2.62E-09	6.10E-04	9.60E-08	3.35E-08	2.17E-05	3.42E-09	1.19E-09
5295	488863.09, 3865877.25	5.97E-04	9.41E-08	3.28E-08	4.20E-05	6.62E-09	2.31E-09	6.04E-04	9.52E-08	3.32E-08	4.86E-05	7.66E-09	2.67E-09	6.03E-04	9.50E-08	3.31E-08	2.21E-05	3.48E-09	1.21E-09
5296	489363.09, 3865877.25	6.05E-04	9.54E-08	3.32E-08	4.15E-05	6.53E-09	2.28E-09	6.12E-04	9.65E-08	3.36E-08	4.80E-05	7.56E-09	2.63E-09	6.13E-04	9.65E-08	3.36E-08	2.17E-05	3.43E-09	1.19E-09
5297	489863.09, 3865877.25	6.15E-04	9.69E-08	3.38E-08	4.00E-05	6.31E-09	2.20E-09	6.22E-04	9.80E-08	3.41E-08	4.63E-05	7.30E-09	2.54E-09	6.24E-04	9.83E-08	3.42E-08	2.10E-05	3.31E-09	1.15E-09
5298	490363.09, 3865877.25	6.08E-04	9.58E-08	3.34E-08	3.98E-05	6.26E-09	2.18E-09	6.15E-04	9.69E-08	3.38E-08	4.60E-05	7.24E-09	2.52E-09	6.17E-04	9.72E-08	3.39E-08	2.09E-05	3.29E-09	1.15E-09
5299	490863.09, 3865877.25	5.80E-04	9.14E-08	3.18E-08	4.09E-05	6.44E-09	2.24E-09	5.87E-04	9.25E-08	3.22E-08	4.73E-05	7.45E-09	2.60E-09	5.86E-04	9.24E-08	3.22E-08	2.14E-05	3.38E-09	1.18E-09
5300	491363.09, 3865877.25	5.43E-04	8.55E-08	2.98E-08	4.33E-05	6.82E-09	2.38E-09	5.50E-04	8.67E-08	3.02E-08	5.01E-05	7.89E-09	2.75E-09	5.46E-04	8.60E-08	2.99E-08	2.27E-05	3.58E-09	1.25E-09
5301	491863.09, 3865877.25	5.40E-04	8.51E-08	2.96E-08	4.52E-05	7.12E-09	2.48E-09	5.48E-04	8.63E-08	3.01E-08	5.23E-05	8.24E-09	2.87E-09	5.42E-04	8.53E-08	2.97E-08	2.37E-05	3.73E-09	1.30E-09
5302	492363.09, 3865877.25	5.06E-04	7.97E-08	2.77E-08	4.29E-05	6.76E-09	2.36E-09	5.13E-04	8.08E-08	2.82E-08	4.97E-05	7.82E-09	2.72E-09	5.06E-04	7.98E-08	2.78E-08	2.25E-05	3.55E-09	1.24E-09
5303	492863.09, 3865877.25	3.52E-04	5.55E-08	1.93E-08	3.62E-05	5.70E-09	1.99E-09	3.58E-04	5.64E-08	1.97E-08	4.19E-05	6.59E-09	2.30E-09	3.48E-04	5.48E-08	1.91E-08	1.91E-05	3.01E-09	1.05E-09
5304	493363.09, 3865877.25	3.68E-04	5.79E-08	2.02E-08	3.88E-05	6.12E-09	2.13E-09	3.74E-04	5.90E-08	2.05E-08	4.49E-05	7.07E-09	2.46E-09	3.63E-04	5.72E-08	1.99E-08	2.05E-05	3.23E-09	1.12E-09
5305	493863.09, 3865877.25	4.61E-04	7.27E-08	2.53E-08	4.42E-05	6.96E-09	2.42E-09	4.69E-04	7.39E-08	2.57E-08	5.11E-05	8.05E-09	2.80E-09	4.58E-04	7.22E-08	2.51E-08	2.33E-05	3.67E-09	1.28E-09
5306	494363.09, 3865877.25	5.69E-04	8.97E-08	3.13E-08	4.45E-05	7.01E-09	2.44E-09	5.77E-04	9.09E-08	3.17E-08	5.15E-05	8.11E-09	2.82E-09	5.72E-04	9.01E-08	3.14E-08	2.35E-05	3.70E-09	1.29E-09
5307	494863.09, 3865877.25	6.43E-04	1.01E-07	3.53E-08	4.42E-05	6.97E-09	2.43E-09	6.50E-04	1.02E-07	3.57E-08	5.11E-05	8.06E-09	2.81E-09	6.50E-04	1.02E-07	3.56E-08	2.33E-05	3.67E-09	1.28E-09
5308	495363.09, 3865877.25	6.27E-04	9.88E-08	3.44E-08	4.55E-05	7.16E-09	2.49E-09	6.35E-04	1.00E-07	3.49E-08	5.26E-05	8.28E-09	2.88E-09	6.33E-04	9.97E-08	3.47E-08	2.39E-05	3.77E-09	1.31E-09
5309	495863.09, 3865877.25	6.00E-04	9.46E-08	3.30E-08	4.77E-05	7.52E-09	2.62E-09	6.09E-04	9.59E-08	3.34E-08	5.52E-05	8.69E-09	3.03E-09	6.03E-04	9.50E-08	3.31E-08	2.51E-05	3.95E-09	1.38E-09
5310	496363.09, 3865877.25	5.87E-04	9.25E-08	3.22E-08	4.93E-05	7.76E-09	2.70E-09	5.95E-04	9.38E-08	3.27E-08	5.70E-05	8.98E-09	3.13E-09	5.88E-04	9.26E-08	3.23E-08	2.59E-05	4.08E-09	1.42E-09
5311	496863.09, 3865877.25	5.78E-04	9.10E-08	3.17E-08	4.85E-05	7.64E-09	2.66E-09	5.86E-04	9.23E-08	3.22E-08	5.61E-05	8.83E-09	3.08E-09	5.78E-04	9.11E-08	3.17E-08	2.55E-05	4.02E-09	1.40E-09
5312	497363.09, 3865877.25	5.98E-04	9.42E-08	3.28E-08	4.62E-05	7.27E-09	2.53E-09	6.06E-04	9.54E-08	3.32E-08	5.34E-05	8.41E-09	2.93E-09	6.01E-04	9.47E-08	3.30E-08	2.43E-05	3.82E-09	1.33E-09
5313	497863.09, 3865877.25	6.11E-04	9.63E-08	3.36E-08	4.40E-05	6.93E-09	2.41E-09	6.19E-04	9.75E-08	3.40E-08	5.08E-05	8.01E-09	2.79E-09	6.17E-04	9.72E-08	3.39E-08	2.31E-05	3.64E-09	1.27E-09
5314	498363.09, 3865877.25	5.97E-04	9.41E-08	3.28E-08	4.18E-05	6.59E-09	2.29E-09	6.05E-04	9.52E-08	3.32E-08	4.83E-05	7.62E-09	2.65E-09	6.04E-04	9.51E-08	3.31E-08	2.20E-05	3.46E-09	1.21E-09
5315	471363.09, 3866377.25	2.85E-04	4.49E-08	1.56E-08	2.25E-05	3.54E-09	1.23E-09	2.89E-04	4.55E-08	1.58E-08	2.60E-05	4.09E-09	1.42E-09	2.86E-04	4.50E-08	1.57E-08	1.19E-05	1.88E-09	6.55E-10
5316	471863.09, 3866377.25	2.94E-04	4.63E-08	1.61E-08	2.32E-05	3.66E-09	1.27E-09	2.98E-04	4.69E-08	1.63E-08	2.68E-05	4.23E-09	1.47E-09	2.94E-04	4.64E-08	1.62E-08	1.23E-05	1.94E-09	6.77E-10
5317	472363.09, 3866377.25	3.02E-04	4.76E-08	1.66E-08	2.39E-05	3.76E-09	1.31E-09	3.06E-04	4.82E-08	1.68E-08	2.76E-05	4.35E-09	1.51E-09	3.03E-04	4.77E-08	1.66E-08	1.27E-05	2.00E-09	6.96E-10
5318	472863.09, 3866377.25	3.10E-04	4.89E-08	1.70E-08	2.44E-05	3.84E-09	1.34E-09	3.14E-04	4.95E-08	1.73E-08	2.81E-05	4.43E-09	1.54E-09	3.11E-04	4.90E-08	1.71E-08	1.29E-05	2.04E-09	7.09E-10
5319	473363.09, 3866377.25	3.18E-04	5.01E-08	1.74E-08	2.49E-05	3.93E-09	1.37E-09	3.22E-04	5.07E-08	1.77E-08	2.88E-05	4.53E-09	1.58E-09	3.19E-04	5.02E-08	1.75E-08	1.32E-05	2.08E-09	7.25E-10
5320	473863.09, 3866377.25	3.26E-04	5.13E-08	1.79E-08	2.54E-05	4.00E-09	1.39E-09	3.30E-04	5.20E-08	1.81E-08	2.93E-05	4.62E-09	1.61E-09	3.27E-04	5.15E-08	1.79E-08	1.35E-05	2.12E-09	7.39E-10
5321	474363.09, 3866377.25	3.35E-04	5.27E-08	1.84E-08	2.60E-05	4.10E-09	1.43E-09	3.39E-04	5.34E-08	1.86E-08	3.01E-05	4.74E-09	1.65E-09	3.36E-04	5.29E-08	1.84E-08	1.38E-05	2.17E-09	7.56E-10
5322	474863.09, 3866377.25	3.45E-04	5.44E-08	1.89E-08	2.69E-05	4.24E-09	1.48E-09	3.50E-04	5.51E-08	1.92E-08	3.11E-05	4.90E-09	1.71E-09	3.46E-04	5.46E-08	1.90E-08	1.42E-05	2.24E-09	7.82E-10
5323	475363.09, 3866377.25	3.56E-04	5.61E-08	1.95E-08	2.79E-05	4.40E-09	1.53E-09	3.61E-04	5.68E-08	1.98E-08	3.22E-05	5.08E-09	1.77E-09	3.57E-04	5.63E-08	1.96E-08	1.48E-05	2.33E-09	8.11E-10
5324	475863.09, 3866377.25	3.68E-04	5.80E-08	2.02E-08	2.90E-05	4.57E-09	1.59E-09	3.73E-04	5.87E-08	2.05E-08	3.35E-05	5.28E-09	1.84E-09	3.69E-04	5.82E-08	2.03E-08	1.53E-05	2.42E-09	8.41E-10
5325	476363.09, 3866377.25	3.78E-04	5.95E-08	2.07E-08	3.06E-05	4.83E-09	1.68E-09	3.83E-04	6.03E-08	2.10E-08	3.54E-05	5.57E-09	1.94E-09	3.78E-04	5.96E-08	2.08E-08	1.62E-05	2.55E-09	8.89E-10
5326	476863.09, 3866377.25	3.53E-04	5.55E-08	1.94E-08	3.16E-05	4.98E-09	1.74E-09	3.58E-04	5.64E-08	1.96E-08	3.65E-05	5.75E-09	2.00E-09	3.51E-04	5.53E-08	1.93E-08	1.67E-05	2.63E-09	9.18E-10
5327	477363.09, 3866377.25	3.88E-04	6.11E-08	2.13E-08	3.32E-05	5.22E-09	1.82E-09	3.93E-04	6.20E-08	2.16E-08	3.83E-05	6.03E-09	2.10E-09	3.87E-04	6.10E-08	2.13E-08	1.75E-05	2.76E-09	9.61E-10
5328	477863.09, 3866377.25	4.09E-04	6.44E-08	2.24E-08	3.42E-05	5.39E-09	1.88E-09	4.15E-04	6.53E-08	2.28E-08	3.95E-05	6.23E-09	2.17E-09	4.09E-04	6.44E-08	2.24E-08	1.81E-05	2.85E-09	9.91E-10
5329	478363.09, 3866377.25	4.15E-04	6.54E-08	2.28E-08	3.54E-05	5.57E-09	1.94E-09	4.21E-04	6.64E-08	2.31E-08	4.09E-05	6.44E-09	2.24E-09	4.15E-04	6.54E-08	2.28E-08	1.87E-05	2.94E-09	1.02E-09
5330	478863.09, 3866377.25	4.23E-04	6.67E-08	2.32E-08	3.67E-05	5.78E-09	2.02E-09	4.30E-04	6.77E-08	2.36E-08	4.24E-05	6.69E-09	2.33E-09	4.23E-04	6.66E-08	2.32E-08	1.93E-05	3.05E-09	1.06E-09
5331	479363.09, 3866377.25	4.35E-04	6.86E-08	2.39E-08	3.79E-05	5.97E-09	2.08E-09	4.42E-04	6.96E-08	2.42E-08	4.38E-05	6.90E-09	2.40E-09	4.35E-04	6.85E-08	2.39E-08	1.99E-05	3.14E-09	1.09E-09
5332	479863.09, 3866377.25	4.50E-04	7.08E-08	2.47E-08	3.86E-05	6.08E-09	2.12E-09	4.56E-04	7.19E-08	2.50E-08	4.47E-05	7.04E-09	2.45E-09	4.50E-04	7.09E-08	2.47E-08	2.03E-05	3.20E-09	1.11E-09
5333	480363.09, 3866377.25	4.63E-04	7.29E-08	2.54E-08	3.89E-05	6.13E-09	2.14E-09	4.69E-04	7.39E-08	2.58E-08	4.50E-05	7.09E-09	2.47E-09	4.63E-04	7.30E-08	2.54E-08	2.04E-05	3.22E-09	1.12E-09
5334	480863.09, 3866377.25	4.73E-04	7.45E-08	2.60E-08	3.88E-05	6.11E-09	2.13E-09	4.80E-04	7.55E-08	2.63E-08	4.49E-05	7.07E-09	2.46E-09	4.74E-04	7.47E-08	2.60E-08	2.04E-05	3.21E-09	1.12E-09
5335	481363.09, 3866377.25	4.84E-04	7.63E-08	2.66E-08	3.88E-05	6.12E-09	2.13E-09	4.91E-04	7.73E-08	2.69E-08	4.49E-05	7.08E-09	2.46E-09	4.86E-04	7.66E-08	2.67E-08	2.04E-05	3.21E-09	1.12E-09
5336	481863.09, 3866377.25	5.00E-04	7.88E-08	2.75E-08	3.90E-05	6.15E-09	2.14E-09	5.07E-04	7.99E-08	2.78E-08	4.51E-05	7.11E-09	2.48E-09	5.03E-04	7.93E-08	2.76E-08	2.05E-05	3.23E-09	1.12E-09
5337	482363.09, 3866377.25	5.23E-04	8.24E-08	2.87E-08	3.91E-05	6.16E-09	2.15E-09	5.30E-04	8.35E-08	2.91E-08	4.52E-05	7.13E-09	2.48E-09	5.27E-04	8.30E-08	2.89E-08	2.06E-05	3.24E-09	1.13E-09
5338	482863.09, 3866377.25	5.44E-04	8.56E-08	2.98E-08	3.90E-05	6.14E-09	2.14E-09	5.50E-04	8.67E-08	3.02E-08	4.50E-05	7.09E-09	2.47E-09	5.49E-04	8.64E-08	3.01E-08	2.05E-05	3.23E-09	1.13E-09
5339	483363.09, 3866377.25	5.52E-04	8.69E-08	3.03E-08	3.93E-05	6.18E-09	2.15E-09	5.58E-04	8.80E-08	3.06E-08	4.54E-05	7.15E-09	2.49E-09	5.57E-04	8.77E-08	3.05E-08	2.07E-05	3.26E-09	1.14E-09
5340	483863.09, 3866377.25	5.53E-04	8.71E-08	3.03E-08	4.02E-05	6.33E-09	2.20E-09	5.60E-04	8.82E-08	3.07E-08	4.64E-05	7.32E-09	2.55E-09	5.58E-04	8.78E-08	3.06E-08	2.11E-05	3.33E-09	1.16E-09
5341	484363.09, 3866377.25	5.58E-04	8.79E-08	3.06E-08	4.02E-05	6.33E-09	2.20E-09	5.65E-04	8.90E-08	3.10E-08	4.64E-05	7.32E-09	2.55E-09	5.63E-04	8.87E-08	3.09E-08	2.11E-05	3.32E-09	1.16E-09
5342	484863.09, 3866377.25	5.65E-04	8.90E-08	3.10E-08	3.93E-05	6.18E-09	2.15E-09	5.72E-04	9.01E-08	3.14E-08	4.54E-05	7.15E-09	2.49E-09	5.71E-04	9.00E-08	3.14E-08	2.06E-05	3.25E-09	1.13E-09
5343	485363.09, 3866377.25	5.56E-04	8.75E-08	3.05E-08	3.77E-05	5.94E-09	2.07E-09	5.62E-04	8.85E-08	3.08E-08	4.36E-05	6.87E-09	2.39E-09	5.62E-04	8.86E-08	3.09E-08	1.98E-05	3.12E-09	1.09E-09
5344	485863.09, 3866377.25	5.49E-04	8.64E-08	3.01E-08	3.63E-05	5.72E-09	1.99E-09	5.55E-04	8.74E-08	3.05E-08	4.20E-05	6.62E-09	2.30E-09	5.56E-04	8.76E-08	3.05E-08	1.91E-05	3.00E-09	1.05E-09
5345	486363.09, 3866377.25	5.63E-04	8.87E-08	3.09E-08	3.50E-05	5.51E-09	1.92E-09	5.69E-04	8.97E-08	3.12E-08	4.04E-05	6.37E-09	2.22E-09	5.72E-04	9.01E-08	3.14E-08	1.84E-05	2.90E-09	1.01E-09
5346	486863.09, 3866377.25	5.62E-04	8.86E-08	3.09E-08	3.40E-05	5.36E-09	1.87E-09	5.68E-04	8.95E-08	3.12E-08	3.93E-05	6.20E-09	2.16E-09	5.72E-04	9.00E-08	3.14E-08	1.79E-05	2.82E-09	9.84E-10
5347	487363.09, 3866377.25	5.59E-04	8.81E-08	3.07E-08	3.50E-05	5.51E-09	1.92E-09	5.65E-04	8.91E-08	3.10E-08	4.04E-05	6.37E-09	2.22E-09	5.68E-04	8.94E-08	3.11E-08	1.85E-05	2.91E-09	1.01E-09
5348	487863.09, 3866377.25	5.54E-04	8.73E-08	3.04E-08	3.73E-05	5.87E-09	2.04E-09	5.60E-04	8.83E-08	3.08E-08	4.31E-05	6.78E-09	2.36E-09	5.61E-04	8.83E-08	3.08E-08	1.96E-05	3.09E-09	1.08E-09
5349	488363.09, 3866377.25	5.45E-04	8.58E-08	2.99E-08	3.90E-05	6.14E-09	2.14E-09	5.51E-04	8.68E-08	3.02E-08	4.50E-05	7.09E-09	2.47E-09	5.49E-04	8.66E-08	3.02E-08	2.05E-05	3.23E-09	1.13E-09
5350	488863.09, 3866377.25	5.26E-04	8.29E-08	2.89E-08	4.02E-05	6.33E-09	2.20E-09	5.33E-04	8.39E-08	2.92E-08	4.64E-05	7.31E-09	2.55E-09	5.29E-04	8.34E-08	2.91E-08	2.11E-05	3.32E-09	1.16E-09
5351	489363.09, 3866377.25	5.24E-04	8.25E-08	2.87E-08	3.98E-05	6.27E-09	2.19E-09	5.30E-04	8.36E-08	2.91E-08	4.61E-05	7.26E-09	2.53E-09	5.27E-04	8.31E-08	2.89E-08	2.09E-05	3.29E-09	1.15E-09
5352	489863.09, 3866377.25	5.09E-04	8.01E-08	2.79E-08	3.85E-05	6.07E-09	2.12E-09	5.15E-04	8.12E-08	2.83E-08	4.46E-05	7.02E-09	2.45E-09	5.12E-04	8.07E-08	2.81E-08	2.02E-05	3.19E-09	1.11E-09
5353	490363.09, 3866377.25	5.50E-04	8.66E-08	3.02E-08	3.68E-05	5.80E-09	2.02E-09	5.56E-04	8.76E-08	3.05E-08	4.26E-05	6.71E-09	2.34E-09	5.56E-04	8.77E-08	3.05E-08	1.94E-05	3.05E-09	1.06E-09
5354	490863.09, 3866377.25	5.41E-04	8.53E-08	2.97E-08	3.65E-05	5.75E-09	2.00E-09	5.48E-04	8.63E-08	3.01E-08	4.22E-05	6.65E-09	2.32E-09	5.48E-04	8.64E-08	3.01E-08	1.92E-05	3.02E-09	1.05E-09
5355	491363.09, 3866377.25	5.40E-04	8.51E-08	2.97E-08	3.83E-05	6.04E-09	2.10E-09	5.47E-04	8.62E-08	3.00E-08	4.43E-05	6.98E-09	2.43E-09	5.46E-04	8.60E-08	3.00E-08	2.01E-05	3.16E-09	1.10E-09
5356	491863.09, 3866377.25	4.50E-04	7.08E-08	2.47E-08	4.11E-05	6.48E-09	2.26E-09	4.57E-04	7.19E-08	2.51E-08	4.76E-05	7.50E-09	2.61E-09	4.48E-04	7.06E-08	2.46E-08	2.16E-05	3.40E-09	1.18E-09

5357	492363.09, 3866377.25	4.62E-04	7.28E-08	2.54E-08	4.13E-05	6.51E-09	2.27E-09	4.69E-04	7.39E-08	2.58E-08	4.78E-05	7.53E-09	2.62E-09	4.62E-04	7.27E-08	2.53E-08	2.17E-05	3.42E-09	1.19E-09
5358	492863.09, 3866377.25	3.94E-04	6.21E-08	2.16E-08	3.70E-05	5.83E-09	2.03E-09	4.01E-04	6.31E-08	2.20E-08	4.28E-05	6.74E-09	2.35E-09	3.92E-04	6.18E-08	2.15E-08	1.95E-05	3.07E-09	1.07E-09
5359	493363.09, 3866377.25	4.22E-04	6.65E-08	2.32E-08	3.76E-05	5.93E-09	2.06E-09	4.28E-04	6.75E-08	2.35E-08	4.35E-05	6.85E-09	2.39E-09	4.21E-04	6.63E-08	2.31E-08	1.98E-05	3.12E-09	1.09E-09
5360	493863.09, 3866377.25	4.72E-04	7.44E-08	2.59E-08	4.12E-05	6.48E-09	2.26E-09	4.79E-04	7.55E-08	2.63E-08	4.76E-05	7.49E-09	2.61E-09	4.72E-04	7.43E-08	2.59E-08	2.17E-05	3.41E-09	1.19E-09
5361	494363.09, 3866377.25	5.50E-04	8.66E-08	3.02E-08	4.26E-05	6.71E-09	2.34E-09	5.57E-04	8.78E-08	3.06E-08	4.93E-05	7.76E-09	2.70E-09	5.53E-04	8.71E-08	3.03E-08	2.24E-05	3.53E-09	1.23E-09
5362	494863.09, 3866377.25	5.63E-04	8.87E-08	3.09E-08	4.11E-05	6.47E-09	2.25E-09	5.70E-04	8.98E-08	3.13E-08	4.75E-05	7.48E-09	2.60E-09	5.68E-04	8.94E-08	3.12E-08	2.16E-05	3.41E-09	1.19E-09
5363	495363.09, 3866377.25	5.46E-04	8.60E-08	3.00E-08	3.86E-05	6.08E-09	2.12E-09	5.52E-04	8.70E-08	3.03E-08	4.46E-05	7.02E-09	2.45E-09	5.51E-04	8.68E-08	3.02E-08	2.03E-05	3.20E-09	1.12E-09
5364	495863.09, 3866377.25	5.19E-04	8.17E-08	2.85E-08	4.06E-05	6.39E-09	2.23E-09	5.25E-04	8.28E-08	2.88E-08	4.69E-05	7.39E-09	2.57E-09	5.21E-04	8.21E-08	2.86E-08	2.14E-05	3.36E-09	1.17E-09
5365	496363.09, 3866377.25	5.01E-04	7.89E-08	2.75E-08	4.47E-05	7.04E-09	2.45E-09	5.08E-04	8.01E-08	2.79E-08	5.17E-05	8.14E-09	2.83E-09	5.00E-04	7.87E-08	2.74E-08	2.35E-05	3.70E-09	1.29E-09
5366	496863.09, 3866377.25	4.79E-04	7.54E-08	2.63E-08	4.52E-05	7.13E-09	2.48E-09	4.86E-04	7.66E-08	2.67E-08	5.23E-05	8.24E-09	2.87E-09	4.76E-04	7.50E-08	2.61E-08	2.38E-05	3.75E-09	1.31E-09
5367	497363.09, 3866377.25	4.88E-04	7.69E-08	2.68E-08	4.46E-05	7.02E-09	2.45E-09	4.96E-04	7.81E-08	2.72E-08	5.15E-05	8.11E-09	2.83E-09	4.86E-04	7.66E-08	2.67E-08	2.34E-05	3.69E-09	1.29E-09
5368	497863.09, 3866377.25	5.09E-04	8.02E-08	2.79E-08	4.28E-05	6.75E-09	2.35E-09	5.17E-04	8.14E-08	2.83E-08	4.95E-05	7.80E-09	2.72E-09	5.10E-04	8.03E-08	2.80E-08	2.25E-05	3.55E-09	1.24E-09
5369	498363.09, 3866377.25	4.51E-04	7.11E-08	2.48E-08	3.88E-05	6.12E-09	2.13E-09	4.58E-04	7.21E-08	2.51E-08	4.49E-05	7.07E-09	2.46E-09	4.51E-04	7.11E-08	2.48E-08	2.04E-05	3.22E-09	1.12E-09
5370	474494.92, 3848334.16	1.65E-04	2.60E-08	9.06E-09	2.64E-05	4.15E-09	1.45E-09	1.70E-04	2.67E-08	9.31E-09	3.05E-05	4.80E-09	1.67E-09	1.57E-04	2.48E-08	8.64E-09	1.39E-05	2.18E-09	7.61E-10
5371	475167.27, 3848920.79	1.84E-04	2.90E-08	1.01E-08	3.00E-05	4.72E-09	1.65E-09	1.89E-04	2.98E-08	1.04E-08	3.47E-05	5.46E-09	1.90E-09	1.75E-04	2.75E-08	9.60E-09	1.58E-05	2.48E-09	8.65E-10
5372	475297.89, 3848997.96	1.87E-04	2.94E-08	1.02E-08	3.05E-05	4.81E-09	1.68E-09	1.92E-04	3.02E-08	1.05E-08	3.53E-05	5.57E-09	1.94E-09	1.78E-04	2.80E-08	9.74E-09	1.60E-05	2.53E-09	8.80E-10
5373	475439.05, 3849062	1.84E-04	2.90E-08	1.01E-08	3.05E-05	4.81E-09	1.68E-09	1.89E-04	2.98E-08	1.04E-08	3.53E-05	5.57E-09	1.94E-09	1.75E-04	2.75E-08	9.60E-09	1.60E-05	2.53E-09	8.81E-10
5374	475486.86, 3849061.09	1.83E-04	2.88E-08	1.00E-08	3.04E-05	4.79E-09	1.67E-09	1.88E-04	2.96E-08	1.03E-08	3.52E-05	5.54E-09	1.93E-09	1.73E-04	2.73E-08	9.52E-09	1.60E-05	2.52E-09	8.76E-10
5375	475538.46, 3849075.56	1.85E-04	2.91E-08	1.01E-08	3.06E-05	4.82E-09	1.68E-09	1.90E-04	2.99E-08	1.04E-08	3.54E-05	5.57E-09	1.94E-09	1.75E-04	2.76E-08	9.61E-09	1.61E-05	2.53E-09	8.82E-10
5376	475751.79, 3849137.15	1.97E-04	3.11E-08	1.08E-08	3.16E-05	4.98E-09	1.73E-09	2.03E-04	3.20E-08	1.11E-08	3.65E-05	5.75E-09	2.00E-09	1.88E-04	2.97E-08	1.03E-08	1.66E-05	2.61E-09	9.10E-10
5377	476303.62, 3849223.38	2.31E-04	3.64E-08	1.27E-08	3.26E-05	5.14E-09	1.79E-09	2.36E-04	3.73E-08	1.30E-08	3.77E-05	5.94E-09	2.07E-09	2.23E-04	3.51E-08	1.22E-08	1.71E-05	2.70E-09	9.40E-10
5378	476304.51, 3849238.92	2.31E-04	3.64E-08	1.27E-08	3.28E-05	5.16E-09	1.80E-09	2.36E-04	3.72E-08	1.30E-08	3.79E-05	5.97E-09	2.08E-09	2.23E-04	3.51E-08	1.22E-08	1.72E-05	2.71E-09	9.44E-10
5379	476365.04, 3849247.98	2.35E-04	3.71E-08	1.29E-08	3.28E-05	5.17E-09	1.80E-09	2.41E-04	3.80E-08	1.32E-08	3.80E-05	5.98E-09	2.08E-09	2.28E-04	3.58E-08	1.25E-08	1.72E-05	2.72E-09	9.46E-10
5380	476444.86, 3849267.13	2.38E-04	3.75E-08	1.31E-08	3.29E-05	5.18E-09	1.81E-09	2.44E-04	3.84E-08	1.34E-08	3.81E-05	6.00E-09	2.09E-09	2.30E-04	3.63E-08	1.26E-08	1.73E-05	2.72E-09	9.48E-10
5381	476550.75, 3849300.66	2.49E-04	3.92E-08	1.36E-08	3.32E-05	5.24E-09	1.82E-09	2.54E-04	4.00E-08	1.40E-08	3.85E-05	6.06E-09	2.11E-09	2.41E-04	3.80E-08	1.32E-08	1.75E-05	2.75E-09	9.58E-10
5382	476656.71, 3849346.88	2.57E-04	4.05E-08	1.41E-08	3.36E-05	5.30E-09	1.84E-09	2.63E-04	4.14E-08	1.44E-08	3.89E-05	6.12E-09	2.13E-09	2.50E-04	3.93E-08	1.37E-08	1.76E-05	2.78E-09	9.68E-10
5383	476873.55, 3849454.53	2.75E-04	4.34E-08	1.51E-08	3.45E-05	5.44E-09	1.89E-09	2.81E-04	4.43E-08	1.54E-08	3.99E-05	6.29E-09	2.19E-09	2.69E-04	4.23E-08	1.47E-08	1.81E-05	2.85E-09	9.94E-10
5384	477700, 3849859.7	3.42E-04	5.39E-08	1.88E-08	3.77E-05	5.94E-09	2.07E-09	3.49E-04	5.49E-08	1.91E-08	4.36E-05	6.87E-09	2.39E-09	3.37E-04	5.31E-08	1.85E-08	1.98E-05	3.12E-09	1.09E-09
5385	477743.16, 3849856.38	3.40E-04	5.35E-08	1.86E-08	3.74E-05	5.90E-09	2.05E-09	3.46E-04	5.45E-08	1.90E-08	4.33E-05	6.82E-09	2.38E-09	3.35E-04	5.27E-08	1.84E-08	1.96E-05	3.09E-09	1.08E-09
5386	478477.35, 3850216.33	3.57E-04	5.62E-08	1.96E-08	3.97E-05	6.26E-09	2.18E-09	3.64E-04	5.73E-08	2.00E-08	4.60E-05	7.24E-09	2.52E-09	3.51E-04	5.53E-08	1.93E-08	2.08E-05	3.28E-09	1.14E-09
5387	478485.8, 3850201.6	3.55E-04	5.60E-08	1.95E-08	3.95E-05	6.22E-09	2.17E-09	3.62E-04	5.70E-08	1.99E-08	4.57E-05	7.19E-09	2.51E-09	3.50E-04	5.51E-08	1.92E-08	2.07E-05	3.26E-09	1.14E-09
5388	479113.21, 3850501.53	3.92E-04	6.18E-08	2.15E-08	4.51E-05	7.11E-09	2.48E-09	4.00E-04	6.30E-08	2.19E-08	5.22E-05	8.22E-09	2.86E-09	3.85E-04	6.07E-08	2.11E-08	2.37E-05	3.73E-09	1.30E-09
5389	479108.11, 3850382.28	3.78E-04	5.95E-08	2.07E-08	4.49E-05	7.07E-09	2.46E-09	3.85E-04	6.07E-08	2.11E-08	5.19E-05	8.17E-09	2.85E-09	3.70E-04	5.83E-08	2.03E-08	2.35E-05	3.70E-09	1.29E-09
5390	479689.85, 3850674.28	3.84E-04	6.05E-08	2.11E-08	5.29E-05	8.34E-09	2.91E-09	3.93E-04	6.19E-08	2.16E-08	6.12E-05	9.65E-09	3.36E-09	3.72E-04	5.86E-08	2.04E-08	2.77E-05	4.37E-09	1.52E-09
5391	479952.42, 3850774.28	3.94E-04	6.21E-08	2.16E-08	6.04E-05	9.52E-09	3.32E-09	4.05E-04	6.37E-08	2.22E-08	6.99E-05	1.10E-08	3.84E-09	3.78E-04	5.95E-08	2.07E-08	3.16E-05	4.98E-09	1.74E-09
5392	479911.32, 3850884.85	4.12E-04	6.50E-08	2.26E-08	5.76E-05	9.08E-09	3.16E-09	4.22E-04	6.65E-08	2.32E-08	6.67E-05	1.05E-08	3.66E-09	3.99E-04	6.28E-08	2.19E-08	3.02E-05	4.75E-09	1.66E-09
5393	480500.92, 3851178.12	4.62E-04	7.28E-08	2.54E-08	7.45E-05	1.17E-08	4.09E-09	4.75E-04	7.48E-08	2.61E-08	8.62E-05	1.36E-08	4.73E-09	4.41E-04	6.95E-08	2.42E-08	3.89E-05	6.13E-09	2.14E-09
5394	480738.01, 3851289.27	4.84E-04	7.62E-08	2.65E-08	8.29E-05	1.31E-08	4.55E-09	4.98E-04	7.84E-08	2.73E-08	9.59E-05	1.51E-08	5.26E-09	4.58E-04	7.22E-08	2.52E-08	4.33E-05	6.82E-09	2.38E-09
5395	481055.42, 3851443.58	5.07E-04	7.98E-08	2.78E-08	9.42E-05	1.48E-08	5.17E-09	5.23E-04	8.24E-08	2.87E-08	1.09E-04	1.72E-08	5.98E-09	4.76E-04	7.50E-08	2.61E-08	4.92E-05	7.75E-09	2.70E-09
5396	481110.22, 3851443.15	5.04E-04	7.93E-08	2.76E-08	9.61E-05	1.51E-08	5.28E-09	5.20E-04	8.19E-08	2.85E-08	1.11E-04	1.75E-08	6.11E-09	4.71E-04	7.43E-08	2.59E-08	5.02E-05	7.91E-09	2.76E-09
5397	481111.1, 3851417.45	4.98E-04	7.84E-08	2.73E-08	9.61E-05	1.51E-08	5.28E-09	5.14E-04	8.10E-08	2.82E-08	1.11E-04	1.75E-08	6.11E-09	4.65E-04	7.33E-08	2.55E-08	5.02E-05	7.91E-09	2.75E-09
5398	482248.44, 3852605.09	7.24E-04	1.14E-07	3.97E-08	1.50E-04	2.36E-08	8.22E-09	7.49E-04	1.18E-07	4.11E-08	1.73E-04	2.73E-08	9.51E-09	6.71E-04	1.06E-07	3.68E-08	7.81E-05	1.23E-08	4.29E-09
5399	482273.34, 3852632.31	7.31E-04	1.15E-07	4.01E-08	1.52E-04	2.39E-08	8.32E-09	7.57E-04	1.19E-07	4.16E-08	1.75E-04	2.76E-08	9.63E-09	6.77E-04	1.07E-07	3.72E-08	7.91E-05	1.25E-08	4.34E-09
5400	482665.46, 3853038.72	8.71E-04	1.37E-07	4.78E-08	1.85E-04	2.92E-08	1.02E-08	9.03E-04	1.42E-07	4.96E-08	2.14E-04	3.38E-08	1.18E-08	8.04E-04	1.27E-07	4.41E-08	9.66E-05	1.52E-08	5.30E-09
5401	483077.95, 3853844.31	1.15E-03	1.82E-07	6.33E-08	2.41E-04	3.80E-08	1.32E-08	1.19E-03	1.88E-07	6.56E-08	2.79E-04	4.40E-08	1.53E-08	1.07E-03	1.68E-07	5.86E-08	1.26E-04	1.98E-08	6.90E-09
5402	483121.38, 3853909.38	1.17E-03	1.85E-07	6.43E-08	2.53E-04	3.98E-08	1.39E-08	1.21E-03	1.91E-07	6.67E-08	2.93E-04	4.61E-08	1.61E-08	1.08E-03	1.70E-07	5.92E-08	1.32E-04	2.08E-08	7.24E-09
5403	483492.64, 3853911.49	1.16E-03	1.82E-07	6.34E-08	3.41E-04	5.37E-08	1.87E-08	1.21E-03	1.91E-07	6.66E-08	3.95E-04	6.22E-08	2.17E-08	1.01E-03	1.59E-07	5.53E-08	1.78E-04	2.80E-08	9.76E-09
5404	483498.29, 3854204.73	1.32E-03	2.08E-07	7.25E-08	3.60E-04	5.67E-08	1.98E-08	1.38E-03	2.18E-07	7.59E-08	4.17E-04	6.56E-08	2.29E-08	1.17E-03	1.84E-07	6.42E-08	1.88E-04	2.96E-08	1.03E-08
5405	484132.44, 3854662.55	1.97E-03	3.11E-07	1.08E-07	5.66E-04	8.91E-08	3.11E-08	2.07E-03	3.26E-07	1.14E-07	6.55E-04	1.03E-07	3.59E-08	1.73E-03	2.72E-07	9.49E-08	2.96E-04	4.67E-08	1.63E-08
5406	484627.62, 3854876.13	3.20E-03	5.04E-07	1.75E-07	1.04E-03	1.64E-07	5.70E-08	3.38E-03	5.32E-07	1.85E-07	1.20E-03	1.90E-07	6.60E-08	2.73E-03	4.30E-07	1.50E-07	5.42E-04	8.53E-08	2.97E-08
5407	484756.14, 3854949.04	3.84E-03	6.04E-07	2.11E-07	1.38E-03	2.18E-07	7.59E-08	4.07E-03	6.42E-07	2.24E-07	1.60E-03	2.52E-07	8.79E-08	3.19E-03	5.03E-07	1.75E-07	7.20E-04	1.13E-07	3.95E-08
5408	486697.51, 3856599.17	2.78E-02	4.37E-06	1.52E-06	1.82E-02	2.86E-06	9.98E-07	3.09E-02	4.87E-06	1.70E-06	2.11E-02	3.32E-06	1.16E-06	1.81E-02	2.85E-06	9.95E-07	9.45E-03	1.49E-06	5.18E-07
5409	487105.31, 3856962.27	3.02E-02	4.76E-06	1.66E-06	1.94E-02	3.06E-06	1.06E-06	3.35E-02	5.28E-06	1.84E-06	2.25E-02	3.54E-06	1.23E-06	2.00E-02	3.14E-06	1.10E-06	1.01E-02	1.59E-06	5.53E-07
5410	487157.57, 3856901.7	2.48E-02	3.91E-06	1.36E-06	1.48E-02	2.34E-06	8.14E-07	2.74E-02	4.31E-06	1.50E-06	1.72E-02	2.70E-06	9.42E-07	1.71E-02	2.69E-06	9.37E-07	7.70E-03	1.21E-06	4.23E-07
5411	487173.5, 3856853.74	2.28E-02	3.59E-06	1.25E-06	1.32E-02	2.08E-06	7.24E-07	2.50E-02	3.95E-06	1.37E-06	1.53E-02	2.41E-06	8.39E-07	1.59E-02	2.51E-06	8.74E-07	6.86E-03	1.08E-06	3.76E-07
5412	487564.41, 3856860.83	1.60E-02	2.52E-06	8.79E-07	7.67E-03	1.21E-06	4.21E-07	1.73E-02	2.73E-06	9.52E-07	8.88E-03	1.40E-06	4.88E-07	1.22E-02	1.92E-06	6.69E-07	3.99E-03	6.28E-07	2.19E-07
5413	487563.31, 3856931.58	1.63E-02	2.57E-06	8.96E-07	7.71E-03	1.21E-06	4.23E-07	1.77E-02	2.78E-06	9.69E-07	8.93E-03	1.41E-06	4.90E-07	1.25E-02	1.97E-06	6.86E-07	4.01E-03	6.31E-07	2.20E-07
5414	487782.7, 3856926.85	1.40E-02	2.21E-06	7.71E-07	5.93E-03	9.34E-07	3.25E-07	1.51E-02	2.37E-06	8.27E-07	6.87E-03	1.08E-06	3.77E-07	1.12E-02	1.76E-06	6.13E-07	3.08E-03	4.85E-07	1.69E-07
5415	487782.39, 3856757.07	1.35E-02	2.13E-06	7.41E-07	5.95E-03	9.38E-07	3.27E-07	1.45E-02	2.29E-06	7.97E-07	6.90E-03	1.09E-06	3.78E-07	1.06E-02	1.67E-06	5.81E-07	3.10E-03	4.88E-07	1.70E-07
5416	487917.26, 3856752.41	1.26E-02	1.99E-06	6.93E-07	5.29E-03	8.34E-07	2.90E-07	1.35E-02	2.13E-06	7.43E-07	6.13E-03	9.66E-07	3.36E-07	1.01E-02	1.59E-06	5.52E-07	2.75E-03	4.34E-07	1.51E-07
5417	487919.57, 3856953.35	1.30E-02	2.05E-06	7.15E-07	5.07E-03	7.99E-07	2.78E-07	1.39E-02	2.19E-06	7.63E-07	5.87E-03	9.25E-07	3.22E-07	1.06E-02	1.67E-06	5.83E-07	2.64E-03	4.15E-07	1.45E-07
5418	487932.76, 3857000.32	1.28E-02	2.02E-06	7.05E-07	4.84E-03	7.62E-07	2.66E-07	1.37E-02	2.16E-06	7.51E-07	5.61E-03	8.83E-07	3.08E-07	1.06E-02	1.67E-06	5.80E-07	2.52E-03	3.97E-07	1.38E-07
5419	487960.5, 3857044.75	1.26E-02	1.98E-06	6.89E-07	4.52E-03	7.12E-07	2.48E-07	1.33E-02	2.10E-06	7.32E-07	5.23E-03	8.24E-07	2.87E-07	1.05E-02	1.65E-06	5.75E-07	2.35E-03	3.70E-07	1.29E-07
5420	488016.54, 3857089.54	1.21E-02	1.91E-06	6.64E-07	4.09E-03	6.44E-07	2.24E-07	1.28E-02	2.02E-06	7.03E-07	4.73E-03	7.45E-07	2.60E-07	1.03E-02	1.62E-06	5.63E-07	2.13E-03	3.35E-07	1.17E-07
5421	488114.39, 3857165.47	1.15E-02	1.80E-06	6.29E-07	3.43E-03	5.40E-07	1.88E-07	1.20E-02	1.90E-06	6.61E-07	3.97E-03	6.25E-07	2.18E-07	9.98E-03	1.57E-06	5.48E-07	1.78E-03	2.81E-07	9.79E-08
5422	488171.49, 3857234.24	1.11E-02	1.76E-06	6.12E-07	2.99E-03	4.70E-07	1.64E-07	1.17E-02	1.84E-06	6.40E-07	3.46E-03	5.45E-07	1.90E-07	9.92E-03	1.56E-06	5.44E-07	1.55E-03	2.45E-07	8.53E-08
5423	488193.16, 3857297.8	1.11E-02	1.74E-06	6.07E-07	2.67E-03	4.20E-07	1.46E-07	1.15E-02	1.81E-06	6.32E-07	3.09E-03	4.86E-07	1.69E-07	1.00E-02	1.58E-06	5.50E-07	1.39E-03	2.19E-07	7.62E-08

5424	488189.27, 3857649.94	1.18E-02	1.85E-06	6.46E-07	1.45E-03	2.28E-07	7.95E-08	1.20E-02	1.89E-06	6.60E-07	1.68E-03	2.64E-07	9.20E-08	1.15E-02	1.81E-06	6.31E-07	7.59E-04	1.20E-07	4.17E-08
5425	488127.43, 3857732.32	1.23E-02	1.94E-06	6.78E-07	1.26E-03	1.99E-07	6.94E-08	1.26E-02	1.98E-06	6.89E-07	1.46E-03	2.30E-07	8.02E-08	1.22E-02	1.92E-06	6.70E-07	6.65E-04	1.05E-07	3.65E-08
5426	488149.93, 3857752.94	1.25E-02	1.97E-06	6.85E-07	1.22E-03	1.93E-07	6.72E-08	1.27E-02	2.00E-06	6.97E-07	1.42E-03	2.23E-07	7.77E-08	1.24E-02	1.95E-06	6.79E-07	6.45E-04	1.02E-07	3.54E-08
5427	488144.76, 3857758.71	1.25E-02	1.97E-06	6.88E-07	1.21E-03	1.91E-07	6.66E-08	1.27E-02	2.01E-06	6.99E-07	1.40E-03	2.21E-07	7.70E-08	1.24E-02	1.96E-06	6.82E-07	6.39E-04	1.01E-07	3.51E-08
5428	488335.58, 3857932.55	3.82E-02	6.02E-06	2.10E-06	1.26E-03	1.98E-07	6.91E-08	3.84E-02	6.04E-06	2.10E-06	1.40E-03	2.21E-07	7.70E-08	3.83E-02	6.03E-06	2.10E-06	8.23E-04	1.30E-07	4.52E-08
5429	488372.29, 3857943.79	3.77E-02	5.93E-06	2.07E-06	1.24E-03	1.95E-07	6.80E-08	3.78E-02	5.96E-06	2.08E-06	1.38E-03	2.17E-07	7.58E-08	3.78E-02	5.95E-06	2.07E-06	8.09E-04	1.27E-07	4.44E-08
5430	488828.64, 3857936.4	1.90E-02	2.99E-06	1.04E-06	1.03E-03	1.62E-07	5.65E-08	1.91E-02	3.01E-06	1.05E-06	1.17E-03	1.85E-07	6.45E-08	1.90E-02	2.99E-06	1.04E-06	5.87E-04	9.24E-08	3.22E-08
5431	488829.08, 3857959.58	1.88E-02	2.96E-06	1.03E-06	1.00E-03	1.58E-07	5.49E-08	1.90E-02	2.99E-06	1.04E-06	1.14E-03	1.80E-07	6.27E-08	1.89E-02	2.97E-06	1.04E-06	5.70E-04	8.98E-08	3.13E-08
5432	488351.61, 3857964.55	4.03E-02	6.35E-06	2.21E-06	1.25E-03	1.96E-07	6.83E-08	4.05E-02	6.37E-06	2.22E-06	1.38E-03	2.18E-07	7.59E-08	4.05E-02	6.37E-06	2.22E-06	8.28E-04	1.30E-07	4.54E-08
5433	488316.87, 3857947.65	4.11E-02	6.47E-06	2.25E-06	1.28E-03	2.01E-07	7.01E-08	4.12E-02	6.49E-06	2.26E-06	1.42E-03	2.23E-07	7.78E-08	4.12E-02	6.49E-06	2.26E-06	8.49E-04	1.34E-07	4.66E-08
5434	488129.1, 3857775.77	1.27E-02	2.00E-06	6.96E-07	1.18E-03	1.86E-07	6.48E-08	1.29E-02	2.03E-06	7.07E-07	1.36E-03	2.15E-07	7.49E-08	1.26E-02	1.99E-06	6.92E-07	6.23E-04	9.82E-08	3.42E-08
5435	488062.53, 3857846.13	1.36E-02	2.14E-06	7.45E-07	1.06E-03	1.68E-07	5.84E-08	1.38E-02	2.17E-06	7.55E-07	1.23E-03	1.93E-07	6.74E-08	1.36E-02	2.14E-06	7.47E-07	5.65E-04	8.89E-08	3.10E-08
5436	488330.41, 3858091.34	2.51E-02	3.95E-06	1.38E-06	9.09E-04	1.43E-07	4.99E-08	2.52E-02	3.97E-06	1.38E-06	1.03E-03	1.62E-07	5.64E-08	2.54E-02	3.99E-06	1.39E-06	5.49E-04	8.65E-08	3.01E-08
5437	488470.87, 3858174.45	1.86E-02	2.93E-06	1.02E-06	7.45E-04	1.17E-07	4.09E-08	1.87E-02	2.95E-06	1.03E-06	8.53E-04	1.34E-07	4.68E-08	1.90E-02	2.99E-06	1.04E-06	4.20E-04	6.61E-08	2.30E-08
5438	488568.9, 3858262.31	1.70E-02	2.67E-06	9.31E-07	6.48E-04	1.02E-07	3.56E-08	1.71E-02	2.69E-06	9.37E-07	7.45E-04	1.17E-07	4.09E-08	1.74E-02	2.74E-06	9.55E-07	3.54E-04	5.58E-08	1.94E-08
5439	488964.27, 3858025.71	1.63E-02	2.57E-06	8.95E-07	9.00E-04	1.42E-07	4.94E-08	1.65E-02	2.59E-06	9.03E-07	1.03E-03	1.62E-07	5.66E-08	1.64E-02	2.59E-06	9.01E-07	5.02E-04	7.91E-08	2.75E-08
5440	489147.25, 3857956.64	1.48E-02	2.34E-06	8.14E-07	9.58E-04	1.51E-07	5.26E-08	1.50E-02	2.36E-06	8.22E-07	1.10E-03	1.73E-07	6.04E-08	1.48E-02	2.34E-06	8.15E-07	5.28E-04	8.32E-08	2.90E-08
5441	489343.52, 3857932.45	1.33E-02	2.10E-06	7.31E-07	9.59E-04	1.51E-07	5.26E-08	1.35E-02	2.12E-06	7.40E-07	1.10E-03	1.74E-07	6.05E-08	1.33E-02	2.10E-06	7.30E-07	5.22E-04	8.23E-08	2.87E-08
5442	489866.19, 3857923.19	1.09E-02	1.72E-06	5.98E-07	8.93E-04	1.41E-07	4.90E-08	1.10E-02	1.74E-06	6.06E-07	1.03E-03	1.62E-07	5.65E-08	1.08E-02	1.71E-06	5.95E-07	4.79E-04	7.55E-08	2.63E-08
5443	489955.65, 3857902.27	1.05E-02	1.66E-06	5.78E-07	8.95E-04	1.41E-07	4.91E-08	1.07E-02	1.68E-06	5.86E-07	1.03E-03	1.63E-07	5.67E-08	1.05E-02	1.65E-06	5.74E-07	4.80E-04	7.56E-08	2.63E-08
5444	490079.44, 3857847.9	1.01E-02	1.60E-06	5.57E-07	9.11E-04	1.43E-07	5.00E-08	1.03E-02	1.62E-06	5.65E-07	1.05E-03	1.65E-07	5.76E-08	1.01E-02	1.58E-06	5.52E-07	4.87E-04	7.68E-08	2.67E-08
5445	490108.49, 3857934.13	1.02E-02	1.61E-06	5.60E-07	8.50E-04	1.34E-07	4.66E-08	1.03E-02	1.63E-06	5.68E-07	9.80E-04	1.54E-07	5.38E-08	1.02E-02	1.60E-06	5.58E-07	4.55E-04	7.16E-08	2.49E-08
5446	489884.48, 3858014.17	1.10E-02	1.73E-06	6.03E-07	8.27E-04	1.30E-07	4.54E-08	1.11E-02	1.75E-06	6.10E-07	9.53E-04	1.50E-07	5.23E-08	1.10E-02	1.73E-06	6.03E-07	4.44E-04	6.99E-08	2.43E-08
5447	489326.56, 3858025.86	1.34E-02	2.11E-06	7.34E-07	8.74E-04	1.38E-07	4.80E-08	1.35E-02	2.13E-06	7.42E-07	1.01E-03	1.58E-07	5.52E-08	1.34E-02	2.12E-06	7.38E-07	4.76E-04	7.50E-08	2.61E-08
5448	489130.38, 3858056.71	1.45E-02	2.29E-06	7.98E-07	8.60E-04	1.35E-07	4.72E-08	1.47E-02	2.31E-06	8.06E-07	9.88E-04	1.56E-07	5.42E-08	1.46E-02	2.31E-06	8.04E-07	4.72E-04	7.43E-08	2.59E-08
5449	488936.49, 3858143.93	1.55E-02	2.44E-06	8.49E-07	7.68E-04	1.21E-07	4.21E-08	1.56E-02	2.46E-06	8.56E-07	8.82E-04	1.39E-07	4.84E-08	1.57E-02	2.47E-06	8.61E-07	4.23E-04	6.66E-08	2.32E-08
5450	488638.08, 3858327.45	1.66E-02	2.61E-06	9.09E-07	6.02E-04	9.49E-08	3.30E-08	1.67E-02	2.62E-06	9.14E-07	6.93E-04	1.09E-07	3.81E-08	1.70E-02	2.68E-06	9.35E-07	3.25E-04	5.12E-08	1.78E-08
5451	488663.79, 3858349.57	1.65E-02	2.60E-06	9.04E-07	5.89E-04	9.28E-08	3.23E-08	1.66E-02	2.61E-06	9.10E-07	6.78E-04	1.07E-07	3.72E-08	1.70E-02	2.67E-06	9.31E-07	3.17E-04	5.00E-08	1.74E-08
5452	488694.56, 3858349.5	1.63E-02	2.57E-06	8.96E-07	5.88E-04	9.27E-08	3.23E-08	1.64E-02	2.59E-06	9.02E-07	6.78E-04	1.07E-07	3.72E-08	1.68E-02	2.65E-06	9.22E-07	3.17E-04	5.00E-08	1.74E-08
5453	488694.35, 3858336.75	1.63E-02	2.57E-06	8.95E-07	5.96E-04	9.39E-08	3.27E-08	1.64E-02	2.58E-06	9.00E-07	6.86E-04	1.08E-07	3.77E-08	1.68E-02	2.64E-06	9.20E-07	3.22E-04	5.07E-08	1.77E-08
5454	488712.81, 3858336.38	1.62E-02	2.55E-06	8.90E-07	5.96E-04	9.39E-08	3.27E-08	1.63E-02	2.57E-06	8.95E-07	6.86E-04	1.08E-07	3.77E-08	1.67E-02	2.63E-06	9.15E-07	3.22E-04	5.07E-08	1.77E-08
5455	488713.23, 3858367.46	1.63E-02	2.57E-06	8.95E-07	5.78E-04	9.10E-08	3.17E-08	1.64E-02	2.58E-06	9.00E-07	6.66E-04	1.05E-07	3.65E-08	1.68E-02	2.64E-06	9.21E-07	3.11E-04	4.90E-08	1.71E-08
5456	488704.63, 3858384.05	1.64E-02	2.59E-06	9.01E-07	5.69E-04	8.97E-08	3.12E-08	1.65E-02	2.60E-06	9.06E-07	6.56E-04	1.03E-07	3.60E-08	1.69E-02	2.67E-06	9.29E-07	3.06E-04	4.81E-08	1.68E-08
5457	488604.15, 3858488.29	1.79E-02	2.82E-06	9.83E-07	5.30E-04	8.35E-08	2.91E-08	1.80E-02	2.84E-06	9.88E-07	6.12E-04	9.64E-08	3.36E-08	1.86E-02	2.92E-06	1.02E-06	2.82E-04	4.44E-08	1.55E-08
5458	488605.66, 3858550.47	1.89E-02	2.98E-06	1.04E-06	5.08E-04	8.00E-08	2.79E-08	1.90E-02	2.99E-06	1.04E-06	5.86E-04	9.24E-08	3.22E-08	1.96E-02	3.09E-06	1.08E-06	2.69E-04	4.25E-08	1.48E-08
5459	488692.68, 3858548.71	1.84E-02	2.89E-06	1.01E-06	5.03E-04	7.92E-08	2.76E-08	1.84E-02	2.90E-06	1.01E-06	5.81E-04	9.15E-08	3.19E-08	1.90E-02	3.00E-06	1.05E-06	2.67E-04	4.21E-08	1.47E-08
5460	488759.93, 3858461.81	1.67E-02	2.64E-06	9.18E-07	5.32E-04	8.37E-08	2.92E-08	1.68E-02	2.65E-06	9.23E-07	6.13E-04	9.66E-08	3.37E-08	1.73E-02	2.72E-06	9.49E-07	2.84E-04	4.47E-08	1.56E-08
5461	488816.57, 3858541.79	1.76E-02	2.76E-06	9.63E-07	4.99E-04	7.85E-08	2.74E-08	1.76E-02	2.78E-06	9.68E-07	5.75E-04	9.06E-08	3.16E-08	1.82E-02	2.87E-06	9.98E-07	2.65E-04	4.18E-08	1.46E-08
5462	488944.63, 3858656.77	1.95E-02	3.08E-06	1.07E-06	4.57E-04	7.20E-08	2.51E-08	1.96E-02	3.09E-06	1.08E-06	5.27E-04	8.31E-08	2.89E-08	2.03E-02	3.20E-06	1.12E-06	2.43E-04	3.82E-08	1.33E-08
5463	489134.91, 3858830.7	2.39E-02	3.77E-06	1.31E-06	4.06E-04	6.39E-08	2.23E-08	2.40E-02	3.78E-06	1.32E-06	4.68E-04	7.38E-08	2.57E-08	2.50E-02	3.94E-06	1.37E-06	2.16E-04	3.40E-08	1.18E-08
5464	489193.99, 3858886.05	2.51E-02	3.96E-06	1.38E-06	3.92E-04	6.18E-08	2.15E-08	2.52E-02	3.97E-06	1.38E-06	4.52E-04	7.13E-08	2.48E-08	2.63E-02	4.14E-06	1.44E-06	2.09E-04	3.29E-08	1.15E-08
5465	489295.2, 3858954.34	2.55E-02	4.02E-06	1.40E-06	3.74E-04	5.90E-08	2.05E-08	2.56E-02	4.03E-06	1.40E-06	4.32E-04	6.81E-08	2.37E-08	2.67E-02	4.21E-06	1.47E-06	2.00E-04	3.15E-08	1.10E-08
5466	489295.64, 3858992.74	2.66E-02	4.19E-06	1.46E-06	3.68E-04	5.80E-08	2.02E-08	2.67E-02	4.20E-06	1.46E-06	4.25E-04	6.69E-08	2.33E-08	2.79E-02	4.39E-06	1.53E-06	1.96E-04	3.09E-08	1.08E-08
5467	489183.74, 3858911.72	2.63E-02	4.14E-06	1.44E-06	3.88E-04	6.11E-08	2.13E-08	2.64E-02	4.15E-06	1.45E-06	4.48E-04	7.05E-08	2.46E-08	2.75E-02	4.33E-06	1.51E-06	2.07E-04	3.26E-08	1.13E-08
5468	488873.37, 3858625.59	1.91E-02	3.01E-06	1.05E-06	4.69E-04	7.40E-08	2.58E-08	1.92E-02	3.02E-06	1.05E-06	5.42E-04	8.54E-08	2.97E-08	1.98E-02	3.12E-06	1.09E-06	2.49E-04	3.93E-08	1.37E-08
5469	488842.84, 3858658.69	2.03E-02	3.20E-06	1.12E-06	4.62E-04	7.27E-08	2.53E-08	2.04E-02	3.21E-06	1.12E-06	5.33E-04	8.40E-08	2.93E-08	2.11E-02	3.33E-06	1.16E-06	2.45E-04	3.86E-08	1.35E-08
5470	488856.39, 3858670.93	2.06E-02	3.25E-06	1.13E-06	4.58E-04	7.22E-08	2.51E-08	2.07E-02	3.26E-06	1.14E-06	5.29E-04	8.33E-08	2.90E-08	2.15E-02	3.38E-06	1.18E-06	2.43E-04	3.83E-08	1.33E-08
5471	488805.7, 3858724.5	2.34E-02	3.68E-06	1.28E-06	4.47E-04	7.04E-08	2.45E-08	2.34E-02	3.69E-06	1.29E-06	5.16E-04	8.13E-08	2.83E-08	2.44E-02	3.84E-06	1.34E-06	2.37E-04	3.74E-08	1.30E-08
5472	488805.87, 3858804.16	2.84E-02	4.47E-06	1.56E-06	4.27E-04	6.72E-08	2.34E-08	2.84E-02	4.48E-06	1.56E-06	4.93E-04	7.76E-08	2.70E-08	2.97E-02	4.67E-06	1.63E-06	2.27E-04	3.57E-08	1.24E-08
5473	488995.78, 3858936.96	3.29E-02	5.19E-06	1.81E-06	3.92E-04	6.18E-08	2.15E-08	3.30E-02	5.20E-06	1.81E-06	4.52E-04	7.13E-08	2.48E-08	3.45E-02	5.43E-06	1.89E-06	2.09E-04	3.29E-08	1.15E-08
5474	489130.76, 3859017.38	3.19E-02	5.02E-06	1.75E-06	3.73E-04	5.88E-08	2.05E-08	3.19E-02	5.03E-06	1.75E-06	4.30E-04	6.78E-08	2.36E-08	3.34E-02	5.26E-06	1.83E-06	1.99E-04	3.14E-08	1.09E-08
5475	489130.92, 3859052.24	3.29E-02	5.19E-06	1.81E-06	3.67E-04	5.79E-08	2.02E-08	3.30E-02	5.20E-06	1.81E-06	4.24E-04	6.67E-08	2.33E-08	3.45E-02	5.44E-06	1.89E-06	1.96E-04	3.09E-08	1.08E-08
5476	489200.33, 3859090.6	3.16E-02	4.97E-06	1.73E-06	3.58E-04	5.64E-08	1.97E-08	3.16E-02	4.98E-06	1.74E-06	4.13E-04	6.51E-08	2.27E-08	3.31E-02	5.21E-06	1.82E-06	1.92E-04	3.02E-08	1.05E-08
5477	489296.07, 3859143.7	2.97E-02	4.68E-06	1.63E-06	3.46E-04	5.45E-08	1.90E-08	2.98E-02	4.69E-06	1.63E-06	3.99E-04	6.28E-08	2.19E-08	3.11E-02	4.90E-06	1.71E-06	1.85E-04	2.92E-08	1.02E-08
5478	489296.43, 3858954.74	2.55E-02	4.02E-06	1.40E-06	3.74E-04	5.90E-08	2.05E-08	2.56E-02	4.03E-06	1.40E-06	4.32E-04	6.80E-08	2.37E-08	2.67E-02	4.20E-06	1.46E-06	2.00E-04	3.14E-08	1.10E-08
5479	489410.33, 3859033.19	2.51E-02	3.95E-06	1.38E-06	3.56E-04	5.61E-08	1.95E-08	2.52E-02	3.96E-06	1.38E-06	4.10E-04	6.47E-08	2.25E-08	2.63E-02	4.14E-06	1.44E-06	1.90E-04	2.99E-08	1.04E-08
5480	489371.37, 3859089.8	2.70E-02	4.25E-06	1.48E-06	3.49E-04	5.51E-08	1.92E-08	2.70E-02	4.26E-06	1.48E-06	4.03E-04	6.35E-08	2.21E-08	2.83E-02	4.45E-06	1.55E-06	1.87E-04	2.94E-08	1.03E-08
5481	489390.52, 3859102.82	2.68E-02	4.22E-06	1.47E-06	3.47E-04	5.46E-08	1.90E-08	2.68E-02	4.22E-06	1.47E-06	4.00E-04	6.30E-08	2.19E-08	2.80E-02	4.41E-06	1.54E-06	1.85E-04	2.92E-08	1.02E-08
5482	489382.3, 3859114.53	2.71E-02	4.27E-06	1.49E-06	3.46E-04	5.44E-08	1.90E-08	2.71E-02	4.28E-06	1.49E-06	3.99E-04	6.28E-08	2.19E-08	2.84E-02	4.47E-06	1.56E-06	1.85E-04	2.91E-08	1.02E-08
5483	489363.04, 3859102.45	2.74E-02	4.31E-06	1.50E-06	3.48E-04	5.49E-08	1.91E-08	2.74E-02	4.32E-06	1.50E-06	4.02E-04	6.33E-08	2.20E-08	2.86E-02	4.51E-06	1.57E-06	1.86E-04	2.94E-08	1.02E-08
5484	489337.52, 3859140.71	2.86E-02	4.50E-06	1.57E-06	3.44E-04	5.42E-08	1.89E-08	2.86E-02	4.51E-06	1.57E-06	3.97E-04	6.25E-08	2.18E-08	2.99E-02	4.72E-06	1.64E-06	1.84E-04	2.91E-08	1.01E-08
5485	489375.14, 3859164.55	2.79E-02	4.40E-06	1.53E-06	3.39E-04	5.35E-08	1.86E-08	2.80E-02	4.40E-06	1.53E-06	3.91E-04	6.16E-08	2.15E-08	2.92E-02	4.60E-06	1.60E-06	1.82E-04	2.87E-08	9.98E-09
5486	489409.3, 3859114.5	2.65E-02	4.18E-06	1.45E-06	3.44E-04	5.42E-08	1.89E-08	2.66E-02	4.19E-06	1.46E-06	3.97E-04	6.25E-08	2.18E-08	2.78E-02	4.37E-06	1.52E-06	1.84E-04	2.90E-08	1.01E-08
5487	489434.87, 3859131.81	2.61E-02	4.12E-06	1.43E-06	3.41E-04	5.36E-08	1.87E-08	2.62E-02	4.13E-06	1.44E-06	3.93E-04	6.19E-08	2.16E-08	2.74E-02	4.31E-06	1.50E-06	1.82E-04	2.87E-08	1.00E-08
5488	489471.87, 3859075.75	2.46E-02	3.88E-06	1.35E-06	3.47E-04	5.46E-08	1.90E-08	2.47E-02	3.89E-06	1.35E-06	4.00E-04	6.30E-08	2.19E-08	2.57E-02	4.06E-06	1.41E-06	1.85E-04	2.92E-08	1.02E-08
5489	489602.62, 3859164.69	2.32E-02	3.66E-06	1.27E-06	3.28E-04	5.17E-08	1.80E-08	2.33E-02	3.67E-06	1.28E-06	3.78E-04	5.96E-08	2.08E-08	2.43E-02	3.83E-06	1.33E-06	1.76E-04	2.77E-08	9.64E-09
5490	489558.29, 3859232.45	2.44E-02	3.84E-06	1.34E-06	3.22E-04	5.07E-08	1.77E-08	2.44E-02	3.85E-06	1.34E-06	3.71E-04	5.84E-08	2.03E-08	2.55E-02	4.02E-06	1.40E-06	1.73E-04	2.72E-08	9.47E-09

5491	489620.11, 3859273.56	2.35E-02	3.70E-06	1.29E-06	3.13E-04	4.94E-08	1.72E-08	2.35E-02	3.70E-06	1.29E-06	3.61E-04	5.69E-08	1.98E-08	2.46E-02	3.87E-06	1.35E-06	1.68E-04	2.65E-08	9.23E-09
5492	489666.06, 3859206.42	2.25E-02	3.54E-06	1.23E-06	3.19E-04	5.03E-08	1.75E-08	2.25E-02	3.55E-06	1.24E-06	3.68E-04	5.80E-08	2.02E-08	2.35E-02	3.71E-06	1.29E-06	1.71E-04	2.70E-08	9.39E-09
5493	489787.9, 3859285.65	2.10E-02	3.30E-06	1.15E-06	3.04E-04	4.79E-08	1.67E-08	2.10E-02	3.31E-06	1.15E-06	3.50E-04	5.52E-08	1.92E-08	2.19E-02	3.46E-06	1.20E-06	1.63E-04	2.57E-08	8.94E-09
5494	489752.17, 3859343.13	2.15E-02	3.38E-06	1.18E-06	2.99E-04	4.71E-08	1.64E-08	2.15E-02	3.39E-06	1.18E-06	3.45E-04	5.43E-08	1.89E-08	2.25E-02	3.54E-06	1.23E-06	1.60E-04	2.53E-08	8.80E-09
5495	489814.94, 3859385.33	2.06E-02	3.25E-06	1.13E-06	2.91E-04	4.59E-08	1.60E-08	2.07E-02	3.25E-06	1.13E-06	3.36E-04	5.29E-08	1.84E-08	2.16E-02	3.40E-06	1.18E-06	1.56E-04	2.46E-08	8.58E-09
5496	489853.42, 3859330.74	2.02E-02	3.18E-06	1.11E-06	2.96E-04	4.66E-08	1.62E-08	2.02E-02	3.19E-06	1.11E-06	3.41E-04	5.37E-08	1.87E-08	2.11E-02	3.33E-06	1.16E-06	1.59E-04	2.50E-08	8.70E-09
5497	489969.5, 3859401.91	1.89E-02	2.97E-06	1.04E-06	2.83E-04	4.46E-08	1.55E-08	1.89E-02	2.98E-06	1.04E-06	3.26E-04	5.14E-08	1.79E-08	1.97E-02	3.11E-06	1.08E-06	1.52E-04	2.39E-08	8.33E-09
5498	490166.91, 3859486.96	1.71E-02	2.69E-06	9.37E-07	2.67E-04	4.20E-08	1.46E-08	1.71E-02	2.70E-06	9.40E-07	3.07E-04	4.84E-08	1.69E-08	1.79E-02	2.81E-06	9.80E-07	1.43E-04	2.25E-08	7.84E-09
5499	490128.86, 3859571.46	1.73E-02	2.73E-06	9.51E-07	2.59E-04	4.07E-08	1.42E-08	1.74E-02	2.74E-06	9.53E-07	2.98E-04	4.70E-08	1.64E-08	1.81E-02	2.85E-06	9.94E-07	1.39E-04	2.18E-08	7.61E-09
5500	490186.65, 3859593.65	1.69E-02	2.65E-06	9.25E-07	2.54E-04	4.01E-08	1.40E-08	1.69E-02	2.66E-06	9.27E-07	2.93E-04	4.62E-08	1.61E-08	1.76E-02	2.78E-06	9.67E-07	1.36E-04	2.15E-08	7.48E-09
5501	490223.74, 3859517.48	1.66E-02	2.62E-06	9.12E-07	2.62E-04	4.12E-08	1.44E-08	1.67E-02	2.62E-06	9.14E-07	3.02E-04	4.76E-08	1.66E-08	1.74E-02	2.74E-06	9.53E-07	1.40E-04	2.21E-08	7.69E-09
5502	490846.34, 3859817.22	1.25E-02	1.98E-06	6.89E-07	2.23E-04	3.51E-08	1.22E-08	1.26E-02	1.98E-06	6.91E-07	2.57E-04	4.05E-08	1.41E-08	1.31E-02	2.06E-06	7.19E-07	1.18E-04	1.87E-08	6.50E-09
5503	490925.65, 3859844.59	1.21E-02	1.91E-06	6.64E-07	2.20E-04	3.46E-08	1.21E-08	1.21E-02	1.91E-06	6.66E-07	2.53E-04	3.99E-08	1.39E-08	1.26E-02	1.99E-06	6.93E-07	1.17E-04	1.84E-08	6.41E-09
5504	491159.29, 3859896.28	1.12E-02	1.76E-06	6.12E-07	2.13E-04	3.35E-08	1.17E-08	1.12E-02	1.76E-06	6.14E-07	2.46E-04	3.87E-08	1.35E-08	1.16E-02	1.83E-06	6.39E-07	1.13E-04	1.78E-08	6.21E-09
5505	491370.69, 3859960.89	1.03E-02	1.63E-06	5.67E-07	2.05E-04	3.23E-08	1.12E-08	1.04E-02	1.63E-06	5.69E-07	2.37E-04	3.73E-08	1.30E-08	1.08E-02	1.70E-06	5.91E-07	1.09E-04	1.71E-08	5.97E-09
5506	491330.28, 3860063.17	1.02E-02	1.61E-06	5.61E-07	1.93E-04	3.04E-08	1.06E-08	1.03E-02	1.62E-06	5.63E-07	2.23E-04	3.51E-08	1.22E-08	1.07E-02	1.68E-06	5.86E-07	1.02E-04	1.61E-08	5.62E-09
5507	491636.45, 3860180.75	8.88E-03	1.40E-06	4.87E-07	1.83E-04	2.89E-08	1.01E-08	8.91E-03	1.40E-06	4.89E-07	2.12E-04	3.33E-08	1.16E-08	9.25E-03	1.46E-06	5.08E-07	9.70E-05	1.53E-08	5.33E-09
5508	491617.94, 3860203.93	8.85E-03	1.39E-06	4.86E-07	1.81E-04	2.85E-08	9.93E-09	8.88E-03	1.40E-06	4.88E-07	2.09E-04	3.29E-08	1.15E-08	9.23E-03	1.45E-06	5.06E-07	9.58E-05	1.51E-08	5.26E-09
5509	491805.68, 3860271.59	8.12E-03	1.28E-06	4.46E-07	1.76E-04	2.77E-08	9.64E-09	8.15E-03	1.28E-06	4.47E-07	2.03E-04	3.20E-08	1.11E-08	8.46E-03	1.33E-06	4.64E-07	9.29E-05	1.46E-08	5.10E-09
5510	491654.23, 3860414.02	7.96E-03	1.25E-06	4.37E-07	1.65E-04	2.59E-08	9.03E-09	7.98E-03	1.26E-06	4.38E-07	1.90E-04	2.99E-08	1.04E-08	8.29E-03	1.31E-06	4.55E-07	8.70E-05	1.37E-08	4.78E-09
5511	491592.62, 3860510.76	7.65E-03	1.21E-06	4.20E-07	1.58E-04	2.48E-08	8.65E-09	7.68E-03	1.21E-06	4.21E-07	1.82E-04	2.87E-08	9.99E-09	7.98E-03	1.26E-06	4.38E-07	8.33E-05	1.31E-08	4.57E-09
5512	491475.41, 3860368.93	8.55E-03	1.35E-06	4.69E-07	1.67E-04	2.62E-08	9.14E-09	8.58E-03	1.35E-06	4.71E-07	1.92E-04	3.03E-08	1.06E-08	8.92E-03	1.41E-06	4.90E-07	8.81E-05	1.39E-08	4.84E-09
5513	491445.61, 3860337.28	8.77E-03	1.38E-06	4.82E-07	1.69E-04	2.66E-08	9.26E-09	8.80E-03	1.39E-06	4.83E-07	1.95E-04	3.07E-08	1.07E-08	9.15E-03	1.44E-06	5.02E-07	8.93E-05	1.41E-08	4.90E-09
5514	491399.05, 3860300.37	9.08E-03	1.43E-06	4.99E-07	1.72E-04	2.71E-08	9.43E-09	9.11E-03	1.44E-06	5.00E-07	1.98E-04	3.13E-08	1.09E-08	9.48E-03	1.49E-06	5.20E-07	9.10E-05	1.43E-08	4.99E-09
5515	491228.84, 3860235.98	9.93E-03	1.56E-06	5.45E-07	1.78E-04	2.80E-08	9.74E-09	9.96E-03	1.57E-06	5.47E-07	2.05E-04	3.23E-08	1.13E-08	1.04E-02	1.63E-06	5.69E-07	9.41E-05	1.48E-08	5.16E-09
5516	491228.47, 3860174.57	1.02E-02	1.61E-06	5.60E-07	1.82E-04	2.87E-08	1.00E-08	1.02E-02	1.61E-06	5.62E-07	2.11E-04	3.32E-08	1.16E-08	1.07E-02	1.68E-06	5.85E-07	9.68E-05	1.52E-08	5.31E-09
5517	491145.77, 3860112.55	1.08E-02	1.70E-06	5.91E-07	1.89E-04	2.97E-08	1.04E-08	1.08E-02	1.70E-06	5.93E-07	2.18E-04	3.43E-08	1.20E-08	1.12E-02	1.77E-06	6.17E-07	1.00E-04	1.58E-08	5.50E-09
5518	490844.41, 3859966.22	1.25E-02	1.97E-06	6.87E-07	2.07E-04	3.25E-08	1.13E-08	1.25E-02	1.98E-06	6.89E-07	2.38E-04	3.76E-08	1.31E-08	1.31E-02	2.06E-06	7.17E-07	1.10E-04	1.73E-08	6.03E-09
5519	490845.55, 3859928.15	1.26E-02	1.98E-06	6.89E-07	2.10E-04	3.31E-08	1.15E-08	1.26E-02	1.98E-06	6.91E-07	2.42E-04	3.82E-08	1.33E-08	1.31E-02	2.07E-06	7.20E-07	1.12E-04	1.76E-08	6.13E-09
5520	490046.91, 3859625.6	1.79E-02	2.82E-06	9.82E-07	2.57E-04	4.05E-08	1.41E-08	1.79E-02	2.83E-06	9.84E-07	2.96E-04	4.67E-08	1.63E-08	1.87E-02	2.95E-06	1.03E-06	1.38E-04	2.17E-08	7.57E-09
5521	489970.48, 3859589.4	1.86E-02	2.93E-06	1.02E-06	2.64E-04	4.16E-08	1.45E-08	1.86E-02	2.93E-06	1.02E-06	3.04E-04	4.79E-08	1.67E-08	1.94E-02	3.06E-06	1.07E-06	1.42E-04	2.23E-08	7.78E-09
5522	489865.89, 3859529.06	1.97E-02	3.10E-06	1.08E-06	2.75E-04	4.33E-08	1.51E-08	1.97E-02	3.11E-06	1.08E-06	3.17E-04	4.99E-08	1.74E-08	2.06E-02	3.24E-06	1.13E-06	1.48E-04	2.33E-08	8.11E-09
5523	489826.89, 3859531.74	2.01E-02	3.16E-06	1.10E-06	2.77E-04	4.36E-08	1.52E-08	2.01E-02	3.17E-06	1.10E-06	3.19E-04	5.02E-08	1.75E-08	2.10E-02	3.31E-06	1.15E-06	1.49E-04	2.34E-08	8.16E-09
5524	489410.47, 3859303.06	2.77E-02	4.37E-06	1.52E-06	3.20E-04	5.03E-08	1.75E-08	2.78E-02	4.38E-06	1.53E-06	3.68E-04	5.80E-08	2.02E-08	2.91E-02	4.58E-06	1.60E-06	1.72E-04	2.71E-08	9.44E-09
5525	489407.15, 3859286.09	2.78E-02	4.38E-06	1.53E-06	3.22E-04	5.07E-08	1.77E-08	2.79E-02	4.39E-06	1.53E-06	3.71E-04	5.84E-08	2.04E-08	2.91E-02	4.59E-06	1.60E-06	1.73E-04	2.73E-08	9.51E-09
5526	488806.07, 3858963.62	4.74E-02	7.46E-06	2.60E-06	3.87E-04	6.10E-08	2.12E-08	4.74E-02	7.47E-06	2.60E-06	4.46E-04	7.03E-08	2.45E-08	4.98E-02	7.84E-06	2.73E-06	2.06E-04	3.25E-08	1.13E-08
5527	488817.64, 3859546.3	5.54E-02	8.72E-06	3.04E-06	2.81E-04	4.43E-08	1.54E-08	5.54E-02	8.73E-06	3.04E-06	3.22E-04	5.07E-08	1.77E-08	5.82E-02	9.18E-06	3.20E-06	1.58E-04	2.50E-08	8.69E-09
5528	489187.25, 3859549.52	3.08E-02	4.85E-06	1.69E-06	2.82E-04	4.44E-08	1.55E-08	3.09E-02	4.86E-06	1.69E-06	3.23E-04	5.10E-08	1.78E-08	3.23E-02	5.09E-06	1.77E-06	1.55E-04	2.44E-08	8.51E-09
5529	489187.66, 3859523.74	3.15E-02	4.96E-06	1.73E-06	2.86E-04	4.50E-08	1.57E-08	3.16E-02	4.97E-06	1.73E-06	3.28E-04	5.17E-08	1.80E-08	3.31E-02	5.21E-06	1.81E-06	1.57E-04	2.47E-08	8.61E-09
5530	489232.59, 3859522.85	3.01E-02	4.75E-06	1.65E-06	2.87E-04	4.52E-08	1.57E-08	3.02E-02	4.75E-06	1.66E-06	3.30E-04	5.19E-08	1.81E-08	3.16E-02	4.98E-06	1.74E-06	1.57E-04	2.47E-08	8.62E-09
5531	489224.98, 3859759.91	2.64E-02	4.16E-06	1.45E-06	2.50E-04	3.94E-08	1.37E-08	2.64E-02	4.17E-06	1.45E-06	2.87E-04	4.52E-08	1.57E-08	2.77E-02	4.36E-06	1.52E-06	1.38E-04	2.18E-08	7.59E-09
5532	488401.39, 3859763.34	7.35E-02	1.16E-05	4.03E-06	2.68E-04	4.22E-08	1.47E-08	7.35E-02	1.16E-05	4.03E-06	3.03E-04	4.77E-08	1.66E-08	7.73E-02	1.22E-05	4.24E-06	1.62E-04	2.56E-08	8.91E-09
5533	488405.51, 3859966.16	7.39E-02	1.16E-05	4.05E-06	2.12E-04	3.34E-08	1.16E-08	7.39E-02	1.16E-05	4.06E-06	2.43E-04	3.84E-08	1.34E-08	7.78E-02	1.23E-05	4.27E-06	1.17E-04	1.85E-08	6.43E-09
5534	489202.85, 3859956.57	2.82E-02	4.44E-06	1.55E-06	2.25E-04	3.54E-08	1.23E-08	2.82E-02	4.45E-06	1.55E-06	2.58E-04	4.06E-08	1.42E-08	2.96E-02	4.66E-06	1.63E-06	1.24E-04	1.96E-08	6.81E-09
5535	489191.9, 3860676.74	1.98E-02	3.12E-06	1.09E-06	1.54E-04	2.43E-08	8.46E-09	1.98E-02	3.12E-06	1.09E-06	1.78E-04	2.80E-08	9.76E-09	2.08E-02	3.28E-06	1.14E-06	8.18E-05	1.29E-08	4.49E-09
5536	488392.82, 3860687.88	1.92E-02	3.02E-06	1.05E-06	1.46E-04	2.30E-08	8.01E-09	1.92E-02	3.03E-06	1.06E-06	1.69E-04	2.66E-08	9.25E-09	2.02E-02	3.18E-06	1.11E-06	7.76E-05	1.22E-08	4.26E-09
5537	488392.82, 3860760.27	1.42E-02	2.24E-06	7.80E-07	1.42E-04	2.24E-08	7.80E-09	1.42E-02	2.24E-06	7.81E-07	1.64E-04	2.59E-08	9.01E-09	1.49E-02	2.35E-06	8.18E-07	7.53E-05	1.19E-08	4.13E-09
5538	487549.05, 3860777.45	8.07E-03	1.27E-06	4.43E-07	1.36E-04	2.14E-08	7.45E-09	8.10E-03	1.28E-06	4.44E-07	1.57E-04	2.47E-08	8.62E-09	8.44E-03	1.33E-06	4.63E-07	7.16E-05	1.13E-08	3.93E-09
5539	487554.62, 3859571.83	3.22E-02	5.07E-06	1.77E-06	2.35E-04	3.70E-08	1.29E-08	3.22E-02	5.07E-06	1.77E-06	2.71E-04	4.27E-08	1.49E-08	3.38E-02	5.33E-06	1.86E-06	1.25E-04	1.97E-08	6.88E-09
5540	485949.46, 3859558.54	7.69E-03	1.21E-06	4.22E-07	2.29E-04	3.61E-08	1.26E-08	7.73E-03	1.22E-06	4.24E-07	2.65E-04	4.17E-08	1.45E-08	7.98E-03	1.26E-06	4.38E-07	1.20E-04	1.90E-08	6.60E-09
5541	485947.55, 3857943.61	1.77E-02	2.78E-06	9.69E-07	7.16E-04	1.13E-07	3.93E-08	1.78E-02	2.80E-06	9.75E-07	8.29E-04	1.31E-07	4.55E-08	1.82E-02	2.87E-06	9.98E-07	3.74E-04	5.89E-08	2.05E-08
5542	484738.38, 3857940.21	8.35E-03	1.32E-06	4.58E-07	5.44E-04	8.58E-08	2.99E-08	8.44E-03	1.33E-06	4.63E-07	6.30E-04	9.93E-08	3.46E-08	8.47E-03	1.33E-06	4.65E-07	2.84E-04	4.47E-08	1.56E-08
5543	484737.06, 3857535.68	1.50E-02	2.36E-06	8.22E-07	7.01E-04	1.10E-07	3.84E-08	1.51E-02	2.38E-06	8.29E-07	8.11E-04	1.28E-07	4.45E-08	1.54E-02	2.42E-06	8.44E-07	3.65E-04	5.76E-08	2.01E-08
5544	483730.2, 3857530.13	8.03E-03	1.27E-06	4.41E-07	4.90E-04	7.72E-08	2.69E-08	8.12E-03	1.28E-06	4.45E-07	5.67E-04	8.93E-08	3.11E-08	8.17E-03	1.29E-06	4.49E-07	2.56E-04	4.03E-08	1.40E-08
5545	483727.27, 3857130.01	1.48E-02	2.33E-06	8.10E-07	5.78E-04	9.10E-08	3.17E-08	1.49E-02	2.34E-06	8.15E-07	6.69E-04	1.05E-07	3.67E-08	1.52E-02	2.40E-06	8.35E-07	3.02E-04	4.75E-08	1.66E-08
5546	483124.42, 3857123.45	7.52E-03	1.18E-06	4.13E-07	4.44E-04	6.99E-08	2.44E-08	7.60E-03	1.20E-06	4.17E-07	5.14E-04	8.09E-08	2.82E-08	7.66E-03	1.21E-06	4.20E-07	2.32E-04	3.65E-08	1.27E-08
5547	483111.13, 3855921.03	1.54E-02	2.43E-06	8.47E-07	6.00E-04	9.45E-08	3.29E-08	1.55E-02	2.45E-06	8.53E-07	6.94E-04	1.09E-07	3.81E-08	1.59E-02	2.51E-06	8.74E-07	3.14E-04	4.95E-08	1.72E-08
5548	482701.73, 3855918.24	8.05E-03	1.27E-06	4.42E-07	4.70E-04	7.40E-08	2.58E-08	8.13E-03	1.28E-06	4.46E-07	5.44E-04	8.57E-08	2.98E-08	8.20E-03	1.29E-06	4.50E-07	2.46E-04	3.87E-08	1.35E-08
5549	482668.02, 3853521.78	1.05E-03	1.66E-07	5.79E-08	1.76E-04	2.77E-08	9.64E-09	1.08E-03	1.71E-07	5.95E-08	2.03E-04	3.20E-08	1.12E-08	1.00E-03	1.58E-07	5.51E-08	9.17E-05	1.45E-08	5.03E-09
5550	482579.91, 3853219.19	9.26E-04	1.46E-07	5.08E-08	1.68E-04	2.65E-08	9.25E-09	9.54E-04	1.50E-07	5.24E-08	1.95E-04	3.07E-08	1.07E-08	8.72E-04	1.37E-07	4.78E-08	8.80E-05	1.39E-08	4.83E-09
5551	482434.06, 3852961.94	8.29E-04	1.31E-07	4.55E-08	1.61E-04	2.54E-08	8.85E-09	8.56E-04	1.35E-07	4.70E-08	1.87E-04	2.94E-08	1.02E-08	7.74E-04	1.22E-07	4.25E-08	8.42E-05	1.33E-08	4.62E-09
5552	482332.11, 3852832.85	7.85E-04	1.24E-07	4.31E-08	1.54E-04	2.43E-08	8.45E-09	8.11E-04	1.28E-07	4.45E-08	1.78E-04	2.81E-08	9.78E-09	7.33E-04	1.15E-07	4.02E-08	8.04E-05	1.27E-08	4.41E-09
5553	481334.99, 3851818.96	5.67E-04	8.93E-08	3.11E-08	1.02E-04	1.61E-08	5.62E-09	5.84E-04	9.21E-08	3.21E-08	1.19E-04	1.87E-08	6.50E-09	5.34E-04	8.42E-08	2.93E-08	5.35E-05	8.42E-09	2.93E-09
5554	481127.62, 3851646.36	5.44E-04	8.57E-08	2.99E-08	9.45E-05	1.49E-08	5.19E-09	5.60E-04	8.83E-08	3.07E-08	1.09E-04	1.72E-08	6.00E-09	5.15E-04	8.11E-08	2.83E-08	4.94E-05	7.78E-09	2.71E-09
5555	481025.04, 3851591.73	5.35E-04	8.44E-08	2.94E-08	9.03E-05	1.42E-08	4.96E-09	5.51E-04	8.68E-08	3.02E-08	1.05E-04	1.65E-08	5.74E-09	5.09E-04	8.01E-08	2.79E-08	4.72E-05	7.43E-09	2.59E-09
5556	480513.6, 3851335.76	4.87E-04	7.68E-08	2.67E-08	7.11E-05	1.12E-08	3.90E-09	5.00E-04	7.87E-08	2.74E-08	8.23E-05	1.30E-08	4.52E-09	4.70E-04	7.40E-08	2.58E-08	3.72E-05	5.86E-09	2.04E-09
5557	480523.56, 3851317.66	4.85E-04	7.65E-08	2.66E-08	7.20E-05	1.13E-08	3.95E-09	4.98E-04	7.84E-08	2.73E-08	8.33E-05	1.31E-08	4.57E-09	4.67E-04	7.36E-08	2.56E-08	3.77E-05	5.93E-09	2.07E-09

5558	476921.56, 3849569.11	2.86E-04	4.51E-08	1.57E-08	3.58E-05	5.64E-09	1.96E-09	2.92E-04	4.61E-08	1.60E-08	4.14E-05	6.52E-09	2.27E-09	2.79E-04	4.40E-08	1.53E-08	1.88E-05	2.96E-09	1.03E-09
5559	476521.19, 3849373.96	2.52E-04	3.96E-08	1.38E-08	3.41E-05	5.37E-09	1.87E-09	2.57E-04	4.06E-08	1.41E-08	3.94E-05	6.21E-09	2.16E-09	2.44E-04	3.84E-08	1.34E-08	1.79E-05	2.82E-09	9.82E-10
5560	476391.45, 3849333.38	2.44E-04	3.84E-08	1.34E-08	3.38E-05	5.32E-09	1.85E-09	2.49E-04	3.93E-08	1.37E-08	3.91E-05	6.16E-09	2.15E-09	2.36E-04	3.71E-08	1.29E-08	1.77E-05	2.79E-09	9.74E-10
5561	476219.41, 3849304.29	2.33E-04	3.67E-08	1.28E-08	3.36E-05	5.29E-09	1.84E-09	2.39E-04	3.76E-08	1.31E-08	3.89E-05	6.12E-09	2.13E-09	2.25E-04	3.54E-08	1.23E-08	1.76E-05	2.78E-09	9.68E-10
5562	475679.11, 3849218.47	2.06E-04	3.24E-08	1.13E-08	3.27E-05	5.16E-09	1.80E-09	2.11E-04	3.33E-08	1.16E-08	3.78E-05	5.96E-09	2.08E-09	1.96E-04	3.09E-08	1.08E-08	1.72E-05	2.71E-09	9.43E-10
5563	475677.71, 3849233.88	2.07E-04	3.26E-08	1.14E-08	3.29E-05	5.18E-09	1.81E-09	2.12E-04	3.35E-08	1.17E-08	3.81E-05	6.00E-09	2.09E-09	1.97E-04	3.11E-08	1.08E-08	1.73E-05	2.72E-09	9.48E-10
5564	475492.74, 3849204.66	1.78E-04	2.81E-08	9.78E-09	3.07E-05	4.83E-09	1.68E-09	1.83E-04	2.89E-08	1.01E-08	3.55E-05	5.59E-09	1.95E-09	1.68E-04	2.65E-08	9.25E-09	1.61E-05	2.54E-09	8.84E-10
5565	475497.64, 3849158.75	1.86E-04	2.92E-08	1.02E-08	3.12E-05	4.91E-09	1.71E-09	1.91E-04	3.01E-08	1.05E-08	3.61E-05	5.68E-09	1.98E-09	1.76E-04	2.77E-08	9.66E-09	1.64E-05	2.58E-09	8.99E-10
5566	475391.35, 3849141.94	1.93E-04	3.05E-08	1.06E-08	3.18E-05	5.01E-09	1.75E-09	1.99E-04	3.13E-08	1.09E-08	3.68E-05	5.79E-09	2.02E-09	1.84E-04	2.90E-08	1.01E-08	1.67E-05	2.63E-09	9.16E-10
5567	475277, 3849095.47	1.94E-04	3.06E-08	1.07E-08	3.17E-05	4.99E-09	1.74E-09	2.00E-04	3.15E-08	1.10E-08	3.66E-05	5.77E-09	2.01E-09	1.85E-04	2.91E-08	1.01E-08	1.66E-05	2.62E-09	9.12E-10
5568	475183.93, 3849025.66	1.91E-04	3.01E-08	1.05E-08	3.11E-05	4.89E-09	1.70E-09	1.96E-04	3.10E-08	1.08E-08	3.59E-05	5.66E-09	1.97E-09	1.82E-04	2.87E-08	9.98E-09	1.63E-05	2.57E-09	8.95E-10
5569	474453.23, 3848378.77	1.70E-04	2.67E-08	9.31E-09	2.68E-05	4.23E-09	1.47E-09	1.74E-04	2.74E-08	9.56E-09	3.10E-05	4.89E-09	1.70E-09	1.62E-04	2.55E-08	8.88E-09	1.41E-05	2.22E-09	7.74E-10
5570	474569.63, 3848399.34	1.67E-04	2.64E-08	9.19E-09	2.67E-05	4.21E-09	1.47E-09	1.72E-04	2.71E-08	9.44E-09	3.09E-05	4.87E-09	1.70E-09	1.60E-04	2.51E-08	8.76E-09	1.41E-05	2.21E-09	7.71E-10
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5572	474719.04, 3848529.7	1.72E-04	2.71E-08	9.45E-09	2.76E-05	4.35E-09	1.51E-09	1.77E-04	2.79E-08	9.71E-09	3.19E-05	5.03E-09	1.75E-09	1.64E-04	2.58E-08	9.00E-09	1.45E-05	2.28E-09	7.96E-10
5573	474793.74, 3848594.88	1.73E-04	2.72E-08	9.49E-09	2.78E-05	4.39E-09	1.53E-09	1.78E-04	2.80E-08	9.75E-09	3.22E-05	5.07E-09	1.77E-09	1.65E-04	2.59E-08	9.03E-09	1.46E-05	2.31E-09	8.03E-10
5574	474868.45, 3848660.07	1.72E-04	2.71E-08	9.44E-09	2.80E-05	4.42E-09	1.54E-09	1.77E-04	2.78E-08	9.70E-09	3.24E-05	5.11E-09	1.78E-09	1.64E-04	2.58E-08	8.98E-09	1.47E-05	2.32E-09	8.09E-10
5575	474943.15, 3848725.25	1.73E-04	2.72E-08	9.48E-09	2.83E-05	4.46E-09	1.55E-09	1.78E-04	2.80E-08	9.74E-09	3.28E-05	5.16E-09	1.80E-09	1.64E-04	2.59E-08	9.01E-09	1.49E-05	2.35E-09	8.17E-10
5576	475017.86, 3848790.43	1.76E-04	2.77E-08	9.66E-09	2.88E-05	4.54E-09	1.58E-09	1.81E-04	2.85E-08	9.93E-09	3.34E-05	5.26E-09	1.83E-09	1.67E-04	2.64E-08	9.19E-09	1.52E-05	2.39E-09	8.32E-10
5577	475092.56, 3848855.61	1.80E-04	2.84E-08	9.89E-09	2.94E-05	4.64E-09	1.62E-09	1.85E-04	2.92E-08	1.02E-08	3.40E-05	5.36E-09	1.87E-09	1.71E-04	2.70E-08	9.40E-09	1.55E-05	2.44E-09	8.49E-10
5578	475232.58, 3848959.38	1.85E-04	2.92E-08	1.02E-08	3.03E-05	4.77E-09	1.66E-09	1.91E-04	3.00E-08	1.05E-08	3.50E-05	5.52E-09	1.92E-09	1.76E-04	2.78E-08	9.68E-09	1.59E-05	2.51E-09	8.73E-10
5579	475368.47, 3849029.98	1.87E-04	2.94E-08	1.03E-08	3.07E-05	4.83E-09	1.68E-09	1.92E-04	3.03E-08	1.05E-08	3.55E-05	5.59E-09	1.95E-09	1.78E-04	2.80E-08	9.75E-09	1.61E-05	2.54E-09	8.84E-10
5580	475609.57, 3849096.09	1.88E-04	2.96E-08	1.03E-08	3.09E-05	4.86E-09	1.69E-09	1.93E-04	3.04E-08	1.06E-08	3.57E-05	5.63E-09	1.96E-09	1.79E-04	2.81E-08	9.80E-09	1.62E-05	2.56E-09	8.90E-10
5581	475680.68, 3849116.62	1.95E-04	3.06E-08	1.07E-08	3.14E-05	4.95E-09	1.72E-09	2.00E-04	3.15E-08	1.10E-08	3.63E-05	5.72E-09	1.99E-09	1.85E-04	2.92E-08	1.02E-08	1.65E-05	2.60E-09	9.05E-10
5582	475843.76, 3849151.52	2.04E-04	3.22E-08	1.12E-08	3.19E-05	5.03E-09	1.75E-09	2.10E-04	3.30E-08	1.15E-08	3.69E-05	5.81E-09	2.03E-09	1.95E-04	3.07E-08	1.07E-08	1.68E-05	2.64E-09	9.20E-10
5583	475935.73, 3849165.89	2.14E-04	3.36E-08	1.17E-08	3.23E-05	5.09E-09	1.77E-09	2.19E-04	3.45E-08	1.20E-08	3.74E-05	5.89E-09	2.05E-09	2.05E-04	3.23E-08	1.12E-08	1.70E-05	2.67E-09	9.31E-10
5584	476027.71, 3849180.27	2.22E-04	3.50E-08	1.22E-08	3.26E-05	5.13E-09	1.79E-09	2.28E-04	3.59E-08	1.25E-08	3.77E-05	5.94E-09	2.07E-09	2.14E-04	3.37E-08	1.17E-08	1.71E-05	2.69E-09	9.39E-10
5585	476119.68, 3849194.64	2.21E-04	3.49E-08	1.21E-08	3.25E-05	5.11E-09	1.78E-09	2.27E-04	3.57E-08	1.25E-08	3.75E-05	5.92E-09	2.06E-09	2.13E-04	3.35E-08	1.17E-08	1.70E-05	2.69E-09	9.36E-10
5586	476211.65, 3849209.01	2.25E-04	3.55E-08	1.24E-08	3.25E-05	5.13E-09	1.79E-09	2.31E-04	3.63E-08	1.27E-08	3.76E-05	5.93E-09	2.07E-09	2.17E-04	3.42E-08	1.19E-08	1.71E-05	2.69E-09	9.38E-10
5587	476497.81, 3849283.9	2.44E-04	3.84E-08	1.34E-08	3.31E-05	5.21E-09	1.82E-09	2.49E-04	3.93E-08	1.37E-08	3.83E-05	6.03E-09	2.10E-09	2.36E-04	3.72E-08	1.30E-08	1.74E-05	2.74E-09	9.54E-10
5588	476603.73, 3849323.77	2.53E-04	3.99E-08	1.39E-08	3.34E-05	5.27E-09	1.83E-09	2.59E-04	4.08E-08	1.42E-08	3.87E-05	6.09E-09	2.12E-09	2.46E-04	3.88E-08	1.35E-08	1.75E-05	2.76E-09	9.63E-10
5589	476728.99, 3849382.76	2.63E-04	4.15E-08	1.45E-08	3.39E-05	5.34E-09	1.86E-09	2.69E-04	4.24E-08	1.48E-08	3.92E-05	6.18E-09	2.15E-09	2.56E-04	4.04E-08	1.41E-08	1.78E-05	2.80E-09	9.77E-10
5590	476801.27, 3849418.65	2.70E-04	4.25E-08	1.48E-08	3.42E-05	5.39E-09	1.88E-09	2.76E-04	4.34E-08	1.51E-08	3.96E-05	6.23E-09	2.17E-09	2.63E-04	4.14E-08	1.44E-08	1.80E-05	2.83E-09	9.85E-10
5591	476956.2, 3849495.05	2.84E-04	4.47E-08	1.56E-08	3.49E-05	5.49E-09	1.91E-09	2.90E-04	4.57E-08	1.59E-08	4.03E-05	6.35E-09	2.21E-09	2.78E-04	4.37E-08	1.52E-08	1.83E-05	2.88E-09	1.00E-09
5592	477038.84, 3849535.56	2.88E-04	4.54E-08	1.58E-08	3.51E-05	5.53E-09	1.93E-09	2.94E-04	4.64E-08	1.61E-08	4.06E-05	6.40E-09	2.23E-09	2.82E-04	4.44E-08	1.55E-08	1.84E-05	2.90E-09	1.01E-09
5593	477121.49, 3849576.08	2.95E-04	4.65E-08	1.62E-08	3.55E-05	5.59E-09	1.95E-09	3.01E-04	4.75E-08	1.65E-08	4.10E-05	6.46E-09	2.25E-09	2.89E-04	4.55E-08	1.59E-08	1.86E-05	2.93E-09	1.02E-09
5594	477204.13, 3849616.6	2.99E-04	4.71E-08	1.64E-08	3.58E-05	5.63E-09	1.96E-09	3.05E-04	4.81E-08	1.68E-08	4.14E-05	6.52E-09	2.27E-09	2.93E-04	4.62E-08	1.61E-08	1.88E-05	2.96E-09	1.03E-09
5595	477286.78, 3849657.12	2.96E-04	4.66E-08	1.62E-08	3.59E-05	5.65E-09	1.97E-09	3.02E-04	4.75E-08	1.66E-08	4.15E-05	6.54E-09	2.28E-09	2.89E-04	4.56E-08	1.59E-08	1.88E-05	2.97E-09	1.03E-09
5596	477369.42, 3849697.63	3.12E-04	4.91E-08	1.71E-08	3.64E-05	5.73E-09	2.00E-09	3.18E-04	5.01E-08	1.75E-08	4.21E-05	6.63E-09	2.31E-09	3.06E-04	4.82E-08	1.68E-08	1.91E-05	3.01E-09	1.05E-09
5597	477452.07, 3849738.15	3.16E-04	4.98E-08	1.74E-08	3.66E-05	5.77E-09	2.01E-09	3.23E-04	5.08E-08	1.77E-08	4.24E-05	6.68E-09	2.33E-09	3.11E-04	4.89E-08	1.70E-08	1.92E-05	3.03E-09	1.06E-09
5598	477534.71, 3849778.67	3.29E-04	5.18E-08	1.81E-08	3.71E-05	5.84E-09	2.03E-09	3.35E-04	5.28E-08	1.84E-08	4.29E-05	6.75E-09	2.35E-09	3.24E-04	5.10E-08	1.78E-08	1.94E-05	3.06E-09	1.07E-09
5599	477617.36, 3849819.18	3.33E-04	5.25E-08	1.83E-08	3.73E-05	5.88E-09	2.05E-09	3.40E-04	5.35E-08	1.86E-08	4.32E-05	6.80E-09	2.37E-09	3.28E-04	5.17E-08	1.80E-08	1.96E-05	3.08E-09	1.07E-09
5600	477824.74, 3849896.37	3.47E-04	5.47E-08	1.90E-08	3.78E-05	5.95E-09	2.07E-09	3.54E-04	5.57E-08	1.94E-08	4.37E-05	6.88E-09	2.40E-09	3.42E-04	5.39E-08	1.88E-08	1.98E-05	3.12E-09	1.09E-09
5601	477906.31, 3849936.37	3.40E-04	5.36E-08	1.87E-08	3.78E-05	5.96E-09	2.08E-09	3.47E-04	5.46E-08	1.90E-08	4.38E-05	6.89E-09	2.40E-09	3.35E-04	5.28E-08	1.84E-08	1.99E-05	3.13E-09	1.09E-09
5602	477987.89, 3849976.36	3.48E-04	5.49E-08	1.91E-08	3.82E-05	6.02E-09	2.10E-09	3.55E-04	5.59E-08	1.95E-08	4.42E-05	6.96E-09	2.43E-09	3.43E-04	5.41E-08	1.88E-08	2.00E-05	3.16E-09	1.10E-09
5603	478069.47, 3850016.36	3.44E-04	5.42E-08	1.89E-08	3.83E-05	6.04E-09	2.10E-09	3.51E-04	5.53E-08	1.92E-08	4.43E-05	6.98E-09	2.43E-09	3.39E-04	5.34E-08	1.86E-08	2.01E-05	3.17E-09	1.10E-09
5604	478151.04, 3850056.35	3.40E-04	5.36E-08	1.87E-08	3.84E-05	6.05E-09	2.11E-09	3.47E-04	5.46E-08	1.90E-08	4.45E-05	7.00E-09	2.44E-09	3.35E-04	5.27E-08	1.84E-08	2.02E-05	3.18E-09	1.11E-09
5605	478232.62, 3850096.35	3.44E-04	5.42E-08	1.89E-08	3.87E-05	6.10E-09	2.12E-09	3.51E-04	5.52E-08	1.92E-08	4.48E-05	7.05E-09	2.46E-09	3.38E-04	5.33E-08	1.86E-08	2.03E-05	3.20E-09	1.11E-09
5606	478314.2, 3850136.34	3.48E-04	5.49E-08	1.91E-08	3.90E-05	6.15E-09	2.14E-09	3.55E-04	5.59E-08	1.95E-08	4.51E-05	7.11E-09	2.48E-09	3.43E-04	5.40E-08	1.88E-08	2.05E-05	3.23E-09	1.12E-09
5607	478395.77, 3850176.34	3.53E-04	5.56E-08	1.94E-08	3.94E-05	6.21E-09	2.16E-09	3.59E-04	5.66E-08	1.97E-08	4.56E-05	7.18E-09	2.50E-09	3.47E-04	5.47E-08	1.91E-08	2.07E-05	3.26E-09	1.13E-09
5608	478575.43, 3850244.45	3.60E-04	5.67E-08	1.98E-08	4.00E-05	6.29E-09	2.19E-09	3.67E-04	5.78E-08	2.01E-08	4.62E-05	7.28E-09	2.54E-09	3.55E-04	5.59E-08	1.95E-08	2.10E-05	3.30E-09	1.15E-09
5609	478665.06, 3850287.29	3.65E-04	5.75E-08	2.00E-08	4.04E-05	6.37E-09	2.22E-09	3.72E-04	5.85E-08	2.04E-08	4.68E-05	7.37E-09	2.57E-09	3.59E-04	5.66E-08	1.97E-08	2.12E-05	3.34E-09	1.16E-09
5610	478754.69, 3850330.14	3.70E-04	5.83E-08	2.03E-08	4.11E-05	6.47E-09	2.25E-09	3.77E-04	5.94E-08	2.07E-08	4.75E-05	7.48E-09	2.61E-09	3.64E-04	5.74E-08	2.00E-08	2.15E-05	3.39E-09	1.18E-09
5611	478844.32, 3850372.99	3.76E-04	5.93E-08	2.07E-08	4.18E-05	6.59E-09	2.29E-09	3.84E-04	6.04E-08	2.10E-08	4.84E-05	7.62E-09	2.65E-09	3.71E-04	5.84E-08	2.03E-08	2.19E-05	3.45E-09	1.20E-09
5612	478933.95, 3850415.84	3.85E-04	6.06E-08	2.11E-08	4.35E-05	6.86E-09	2.39E-09	3.92E-04	6.18E-08	2.15E-08	5.04E-05	7.93E-09	2.76E-09	3.79E-04	5.97E-08	2.08E-08	2.28E-05	3.60E-09	1.25E-09
5613	479023.58, 3850458.68	3.85E-04	6.06E-08	2.11E-08	4.34E-05	6.84E-09	2.38E-09	3.92E-04	6.18E-08	2.15E-08	5.02E-05	7.91E-09	2.76E-09	3.78E-04	5.96E-08	2.08E-08	2.28E-05	3.59E-09	1.25E-09
5614	479110.66, 3850441.91	3.86E-04	6.08E-08	2.12E-08	4.49E-05	7.07E-09	2.46E-09	3.94E-04	6.20E-08	2.16E-08	5.19E-05	8.18E-09	2.85E-09	3.79E-04	5.97E-08	2.08E-08	2.35E-05	3.71E-09	1.29E-09
5615	479191.22, 3850423.99	3.83E-04	6.04E-08	2.10E-08	4.59E-05	7.24E-09	2.52E-09	3.91E-04	6.16E-08	2.15E-08	5.31E-05	8.37E-09	2.92E-09	3.75E-04	5.91E-08	2.06E-08	2.41E-05	3.79E-09	1.32E-09
5616	479274.32, 3850465.71	3.86E-04	6.08E-08	2.12E-08	4.70E-05	7.41E-09	2.58E-09	3.94E-04	6.21E-08	2.16E-08	5.44E-05	8.57E-09	2.99E-09	3.78E-04	5.95E-08	2.07E-08	2.47E-05	3.88E-09	1.35E-09
5617	479357.43, 3850507.42	3.85E-04	6.06E-08	2.11E-08	4.83E-05	7.60E-09	2.65E-09	3.93E-04	6.19E-08	2.16E-08	5.58E-05	8.79E-09	3.06E-09	3.76E-04	5.92E-08	2.06E-08	2.53E-05	3.98E-09	1.39E-09
5618	479440.53, 3850549.14	3.81E-04	6.00E-08	2.09E-08	4.84E-05	7.62E-09	2.65E-09	3.89E-04	6.13E-08	2.14E-08	5.59E-05	8.81E-09	3.07E-09	3.72E-04	5.85E-08	2.04E-08	2.53E-05	3.99E-09	1.39E-09
5619	479523.64, 3850590.85	3.80E-04	5.99E-08	2.09E-08	4.96E-05	7.82E-09	2.72E-09	3.89E-04	6.13E-08	2.13E-08	5.74E-05	9.04E-09	3.15E-09	3.70E-04	5.83E-08	2.03E-08	2.60E-05	4.10E-09	1.43E-09
5620	479606.74, 3850632.57	3.83E-04	6.03E-08	2.10E-08	5.12E-05	8.07E-09	2.81E-09	3.91E-04	6.17E-08	2.15E-08	5.93E-05	9.34E-09	3.25E-09	3.72E-04	5.85E-08	2.04E-08	2.68E-05	4.23E-09	1.47E-09
5621	479777.37, 3850707.61	3.85E-04	6.07E-08	2.11E-08	5.51E-05	8.69E-09	3.03E-09	3.95E-04	6.22E-08	2.17E-08	6.38E-05	1.01E-08	3.50E-09	3.72E-04	5.86E-08	2.04E-08	2.89E-05	4.55E-09	1.58E-09
5622	479864.9, 3850740.95	3.90E-04	6.14E-08	2.14E-08	5.77E-05	9.09E-09	3.17E-09	3.99E-04	6.29E-08	2.19E-08	6.68E-05	1.05E-08	3.67E-09	3.75E-04	5.90E-08	2.06E-08	3.02E-05	4.76E-09	1.66E-09
5623	479931.87, 3850829.57	4.01E-04	6.32E-08	2.20E-08	5.85E-05	9.21E-09	3.21E-09	4.11E-04	6.48E-08	2.26E-08	6.76E-05	1.07E-08	3.71E-09	3.87E-04	6.09E-08	2.12E-08	3.06E-05	4.82E-09	1.68E-09
5624	479995.55, 3850926.75	4.21E-04	6.64E-08	2.31E-08	5.96E-05	9.40E-09	3.27E-09	4.31E-04	6.80E-08	2.37E-08	6.90E-05	1.09E-08	3.79E-09	4.07E-04	6.41E-08	2.23E-08	3.12E-05	4.92E-09	1.71E-09

5625	480079.78, 3850968.64	4.30E-04	6.78E-08	2.36E-08	6.18E-05	9.74E-09	3.39E-09	4.41E-04	6.95E-08	2.42E-08	7.15E-05	1.13E-08	3.93E-09	4.15E-04	6.54E-08	2.28E-08	3.23E-05	5.10E-09	1.78E-09
5626	480164.01, 3851010.54	4.39E-04	6.91E-08	2.41E-08	6.41E-05	1.01E-08	3.52E-09	4.50E-04	7.08E-08	2.47E-08	7.42E-05	1.17E-08	4.07E-09	4.23E-04	6.66E-08	2.32E-08	3.35E-05	5.28E-09	1.84E-09
5627	480248.23, 3851052.43	4.47E-04	7.05E-08	2.46E-08	6.65E-05	1.05E-08	3.65E-09	4.59E-04	7.23E-08	2.52E-08	7.69E-05	1.21E-08	4.22E-09	4.30E-04	6.78E-08	2.36E-08	3.48E-05	5.48E-09	1.91E-09
5628	480332.46, 3851094.33	4.54E-04	7.15E-08	2.49E-08	6.90E-05	1.09E-08	3.79E-09	4.65E-04	7.33E-08	2.55E-08	7.98E-05	1.26E-08	4.38E-09	4.35E-04	6.86E-08	2.39E-08	3.61E-05	5.68E-09	1.98E-09
5629	480416.69, 3851136.22	4.57E-04	7.20E-08	2.51E-08	7.17E-05	1.13E-08	3.93E-09	4.69E-04	7.39E-08	2.58E-08	8.29E-05	1.31E-08	4.55E-09	4.37E-04	6.89E-08	2.40E-08	3.75E-05	5.90E-09	2.06E-09
5630	480579.95, 3851215.17	4.68E-04	7.37E-08	2.57E-08	7.72E-05	1.22E-08	4.24E-09	4.81E-04	7.58E-08	2.64E-08	8.94E-05	1.41E-08	4.91E-09	4.46E-04	7.02E-08	2.45E-08	4.04E-05	6.36E-09	2.22E-09
5631	480658.98, 3851252.22	4.75E-04	7.49E-08	2.61E-08	8.00E-05	1.26E-08	4.39E-09	4.89E-04	7.71E-08	2.68E-08	9.26E-05	1.46E-08	5.08E-09	4.52E-04	7.12E-08	2.48E-08	4.18E-05	6.59E-09	2.30E-09
5632	480817.36, 3851327.85	4.90E-04	7.72E-08	2.69E-08	8.57E-05	1.35E-08	4.71E-09	5.05E-04	7.95E-08	2.77E-08	9.92E-05	1.56E-08	5.45E-09	4.63E-04	7.30E-08	2.54E-08	4.48E-05	7.06E-09	2.46E-09
5633	480896.72, 3851366.43	4.96E-04	7.81E-08	2.72E-08	8.86E-05	1.40E-08	4.86E-09	5.11E-04	8.05E-08	2.80E-08	1.03E-04	1.62E-08	5.63E-09	4.68E-04	7.37E-08	2.57E-08	4.63E-05	7.29E-09	2.54E-09
5634	480976.07, 3851405	5.01E-04	7.90E-08	2.75E-08	9.15E-05	1.44E-08	5.02E-09	5.17E-04	8.15E-08	2.84E-08	1.06E-04	1.67E-08	5.81E-09	4.72E-04	7.44E-08	2.59E-08	4.78E-05	7.53E-09	2.62E-09
5635	481178, 3851487.31	5.09E-04	8.02E-08	2.79E-08	9.83E-05	1.55E-08	5.40E-09	5.26E-04	8.28E-08	2.88E-08	1.14E-04	1.79E-08	6.24E-09	4.76E-04	7.49E-08	2.61E-08	5.13E-05	8.09E-09	2.82E-09
5636	481244.9, 3851557.17	5.19E-04	8.17E-08	2.85E-08	1.01E-04	1.58E-08	5.52E-09	5.36E-04	8.44E-08	2.94E-08	1.16E-04	1.83E-08	6.39E-09	4.84E-04	7.63E-08	2.66E-08	5.25E-05	8.27E-09	2.88E-09
5637	481311.81, 3851627.03	5.27E-04	8.31E-08	2.89E-08	1.03E-04	1.62E-08	5.65E-09	5.45E-04	8.58E-08	2.99E-08	1.19E-04	1.88E-08	6.54E-09	4.92E-04	7.75E-08	2.70E-08	5.38E-05	8.47E-09	2.95E-09
5638	481378.71, 3851696.89	5.35E-04	8.44E-08	2.94E-08	1.06E-04	1.66E-08	5.79E-09	5.54E-04	8.72E-08	3.04E-08	1.22E-04	1.93E-08	6.71E-09	4.99E-04	7.86E-08	2.74E-08	5.51E-05	8.68E-09	3.02E-09
5639	481445.61, 3851766.76	5.44E-04	8.58E-08	2.99E-08	1.08E-04	1.70E-08	5.94E-09	5.63E-04	8.87E-08	3.09E-08	1.25E-04	1.97E-08	6.87E-09	5.07E-04	7.99E-08	2.78E-08	5.65E-05	8.90E-09	3.10E-09
5640	481512.51, 3851836.62	5.52E-04	8.70E-08	3.03E-08	1.11E-04	1.75E-08	6.09E-09	5.71E-04	9.00E-08	3.14E-08	1.29E-04	2.02E-08	7.05E-09	5.14E-04	8.09E-08	2.82E-08	5.80E-05	9.13E-09	3.18E-09
5641	481579.42, 3851906.48	5.61E-04	8.83E-08	3.08E-08	1.14E-04	1.79E-08	6.25E-09	5.80E-04	9.14E-08	3.19E-08	1.32E-04	2.08E-08	7.24E-09	5.21E-04	8.20E-08	2.86E-08	5.95E-05	9.37E-09	3.26E-09
5642	481646.32, 3851976.34	5.71E-04	8.99E-08	3.13E-08	1.17E-04	1.84E-08	6.42E-09	5.91E-04	9.30E-08	3.24E-08	1.35E-04	2.13E-08	7.43E-09	5.29E-04	8.34E-08	2.90E-08	6.11E-05	9.62E-09	3.35E-09
5643	481713.22, 3852046.2	5.77E-04	9.09E-08	3.17E-08	1.20E-04	1.90E-08	6.61E-09	5.97E-04	9.41E-08	3.28E-08	1.39E-04	2.20E-08	7.65E-09	5.34E-04	8.41E-08	2.93E-08	6.28E-05	9.90E-09	3.45E-09
5644	481780.12, 3852116.06	5.90E-04	9.29E-08	3.24E-08	1.24E-04	1.95E-08	6.79E-09	6.11E-04	9.62E-08	3.35E-08	1.43E-04	2.25E-08	7.85E-09	5.45E-04	8.59E-08	2.99E-08	6.45E-05	1.02E-08	3.54E-09
5645	481847.03, 3852185.92	6.07E-04	9.56E-08	3.33E-08	1.27E-04	2.00E-08	6.97E-09	6.28E-04	9.90E-08	3.45E-08	1.47E-04	2.31E-08	8.06E-09	5.61E-04	8.84E-08	3.08E-08	6.62E-05	1.04E-08	3.64E-09
5646	481913.93, 3852255.78	6.25E-04	9.85E-08	3.43E-08	1.30E-04	2.05E-08	7.15E-09	6.48E-04	1.02E-07	3.55E-08	1.51E-04	2.38E-08	8.27E-09	5.79E-04	9.12E-08	3.18E-08	6.80E-05	1.07E-08	3.73E-09
5647	481980.83, 3852325.65	6.46E-04	1.02E-07	3.55E-08	1.34E-04	2.10E-08	7.33E-09	6.69E-04	1.05E-07	3.67E-08	1.55E-04	2.43E-08	8.48E-09	5.99E-04	9.44E-08	3.29E-08	6.97E-05	1.10E-08	3.82E-09
5648	482047.73, 3852395.51	6.64E-04	1.05E-07	3.65E-08	1.37E-04	2.16E-08	7.53E-09	6.88E-04	1.08E-07	3.77E-08	1.59E-04	2.50E-08	8.72E-09	6.15E-04	9.69E-08	3.38E-08	7.16E-05	1.13E-08	3.93E-09
5649	482114.64, 3852465.37	6.86E-04	1.08E-07	3.76E-08	1.41E-04	2.22E-08	7.73E-09	7.10E-04	1.12E-07	3.90E-08	1.63E-04	2.57E-08	8.95E-09	6.36E-04	1.00E-07	3.49E-08	7.35E-05	1.16E-08	4.03E-09
5650	482181.54, 3852535.23	7.03E-04	1.11E-07	3.86E-08	1.45E-04	2.29E-08	7.98E-09	7.28E-04	1.15E-07	3.99E-08	1.68E-04	2.65E-08	9.24E-09	6.51E-04	1.03E-07	3.57E-08	7.59E-05	1.20E-08	4.16E-09
5651	482338.69, 3852700.05	7.54E-04	1.19E-07	4.14E-08	1.56E-04	2.46E-08	8.57E-09	7.80E-04	1.23E-07	4.28E-08	1.81E-04	2.85E-08	9.93E-09	6.98E-04	1.10E-07	3.83E-08	8.15E-05	1.28E-08	4.47E-09
5652	482404.05, 3852767.78	7.77E-04	1.22E-07	4.26E-08	1.61E-04	2.54E-08	8.85E-09	8.05E-04	1.27E-07	4.42E-08	1.87E-04	2.94E-08	1.02E-08	7.20E-04	1.13E-07	3.95E-08	8.41E-05	1.33E-08	4.62E-09
5653	482469.4, 3852835.52	8.01E-04	1.26E-07	4.40E-08	1.67E-04	2.62E-08	9.14E-09	8.30E-04	1.31E-07	4.55E-08	1.93E-04	3.04E-08	1.06E-08	7.42E-04	1.17E-07	4.07E-08	8.69E-05	1.37E-08	4.77E-09
5654	482534.75, 3852903.25	8.23E-04	1.30E-07	4.52E-08	1.73E-04	2.72E-08	9.47E-09	8.53E-04	1.34E-07	4.68E-08	2.00E-04	3.15E-08	1.10E-08	7.61E-04	1.20E-07	4.18E-08	9.00E-05	1.42E-08	4.94E-09
5655	482600.11, 3852970.99	8.48E-04	1.34E-07	4.65E-08	1.79E-04	2.81E-08	9.80E-09	8.78E-04	1.38E-07	4.82E-08	2.07E-04	3.26E-08	1.13E-08	7.83E-04	1.23E-07	4.30E-08	9.31E-05	1.47E-08	5.11E-09
5656	482706.71, 3853119.28	8.96E-04	1.41E-07	4.92E-08	1.90E-04	3.00E-08	1.04E-08	9.29E-04	1.46E-07	5.10E-08	2.20E-04	3.47E-08	1.21E-08	8.28E-04	1.30E-07	4.54E-08	9.92E-05	1.56E-08	5.44E-09
5657	482747.96, 3853199.84	9.28E-04	1.46E-07	5.10E-08	1.94E-04	3.06E-08	1.07E-08	9.62E-04	1.52E-07	5.28E-08	2.25E-04	3.54E-08	1.23E-08	8.59E-04	1.35E-07	4.71E-08	1.01E-04	1.60E-08	5.56E-09
5658	482789.21, 3853280.4	9.63E-04	1.52E-07	5.29E-08	1.97E-04	3.11E-08	1.08E-08	9.97E-04	1.57E-07	5.47E-08	2.29E-04	3.60E-08	1.25E-08	8.94E-04	1.41E-07	4.90E-08	1.03E-04	1.62E-08	5.66E-09
5659	482830.46, 3853360.96	9.96E-04	1.57E-07	5.47E-08	2.01E-04	3.17E-08	1.10E-08	1.03E-03	1.62E-07	5.66E-08	2.33E-04	3.67E-08	1.28E-08	9.26E-04	1.46E-07	5.08E-08	1.05E-04	1.65E-08	5.76E-09
5660	482871.71, 3853441.52	1.03E-03	1.62E-07	5.65E-08	2.05E-04	3.22E-08	1.12E-08	1.07E-03	1.68E-07	5.85E-08	2.37E-04	3.73E-08	1.30E-08	9.60E-04	1.51E-07	5.27E-08	1.07E-04	1.68E-08	5.86E-09
5661	482912.95, 3853522.07	1.06E-03	1.66E-07	5.80E-08	2.10E-04	3.30E-08	1.15E-08	1.09E-03	1.72E-07	6.00E-08	2.43E-04	3.82E-08	1.33E-08	9.85E-04	1.55E-07	5.41E-08	1.09E-04	1.72E-08	6.00E-09
5662	482954.2, 3853602.63	1.08E-03	1.71E-07	5.95E-08	2.15E-04	3.39E-08	1.18E-08	1.12E-03	1.77E-07	6.15E-08	2.49E-04	3.92E-08	1.37E-08	1.01E-03	1.59E-07	5.55E-08	1.12E-04	1.77E-08	6.16E-09
5663	482995.45, 3853683.19	1.11E-03	1.75E-07	6.09E-08	2.22E-04	3.49E-08	1.22E-08	1.15E-03	1.81E-07	6.30E-08	2.57E-04	4.04E-08	1.41E-08	1.03E-03	1.63E-07	5.67E-08	1.16E-04	1.82E-08	6.35E-09
5664	483036.7, 3853763.75	1.13E-03	1.79E-07	6.23E-08	2.30E-04	3.62E-08	1.26E-08	1.17E-03	1.85E-07	6.44E-08	2.66E-04	4.19E-08	1.46E-08	1.05E-03	1.66E-07	5.79E-08	1.20E-04	1.89E-08	6.59E-09
5665	483214.2, 3853909.91	1.12E-03	1.76E-07	6.13E-08	2.71E-04	4.26E-08	1.49E-08	1.16E-03	1.83E-07	6.39E-08	3.13E-04	4.93E-08	1.72E-08	1.01E-03	1.59E-07	5.55E-08	1.41E-04	2.22E-08	7.75E-09
5666	483307.01, 3853910.44	1.14E-03	1.79E-07	6.23E-08	2.92E-04	4.60E-08	1.60E-08	1.19E-03	1.87E-07	6.51E-08	3.38E-04	5.33E-08	1.86E-08	1.02E-03	1.60E-07	5.58E-08	1.52E-04	2.40E-08	8.36E-09
5667	483399.83, 3853910.96	1.14E-03	1.80E-07	6.27E-08	3.18E-04	5.00E-08	1.74E-08	1.20E-03	1.89E-07	6.57E-08	3.68E-04	5.79E-08	2.02E-08	1.01E-03	1.59E-07	5.53E-08	1.66E-04	2.61E-08	9.09E-09
5668	483494.52, 3854009.24	1.21E-03	1.91E-07	6.65E-08	3.46E-04	5.46E-08	1.90E-08	1.27E-03	2.00E-07	6.98E-08	4.01E-04	6.32E-08	2.20E-08	1.06E-03	1.68E-07	5.84E-08	1.81E-04	2.84E-08	9.91E-09
5669	483496.41, 3854106.98	1.28E-03	2.01E-07	7.01E-08	3.50E-04	5.51E-08	1.92E-08	1.34E-03	2.11E-07	7.34E-08	4.05E-04	6.38E-08	2.22E-08	1.13E-03	1.78E-07	6.20E-08	1.82E-04	2.87E-08	1.00E-08
5670	483577.56, 3854261.96	1.34E-03	2.11E-07	7.35E-08	3.90E-04	6.14E-08	2.14E-08	1.41E-03	2.22E-07	7.72E-08	4.51E-04	7.11E-08	2.48E-08	1.17E-03	1.85E-07	6.43E-08	2.03E-04	3.20E-08	1.12E-08
5671	483656.83, 3854319.19	1.36E-03	2.14E-07	7.47E-08	4.16E-04	6.55E-08	2.28E-08	1.43E-03	2.26E-07	7.86E-08	4.81E-04	7.58E-08	2.64E-08	1.18E-03	1.85E-07	6.46E-08	2.17E-04	3.42E-08	1.19E-08
5672	483736.1, 3854376.41	1.40E-03	2.21E-07	7.70E-08	4.45E-04	7.01E-08	2.44E-08	1.48E-03	2.33E-07	8.12E-08	5.15E-04	8.11E-08	2.83E-08	1.20E-03	1.90E-07	6.61E-08	2.32E-04	3.66E-08	1.27E-08
5673	483815.37, 3854433.64	1.47E-03	2.32E-07	8.08E-08	4.74E-04	7.47E-08	2.60E-08	1.55E-03	2.45E-07	8.53E-08	5.48E-04	8.64E-08	3.01E-08	1.26E-03	1.98E-07	6.91E-08	2.48E-04	3.90E-08	1.36E-08
5674	483894.63, 3854490.87	1.56E-03	2.46E-07	8.57E-08	4.97E-04	7.83E-08	2.73E-08	1.65E-03	2.59E-07	9.04E-08	5.75E-04	9.06E-08	3.16E-08	1.34E-03	2.11E-07	7.34E-08	2.60E-04	4.09E-08	1.43E-08
5675	483973.9, 3854548.1	1.67E-03	2.63E-07	9.17E-08	5.14E-04	8.10E-08	2.82E-08	1.76E-03	2.77E-07	9.65E-08	5.95E-04	9.38E-08	3.27E-08	1.44E-03	2.27E-07	7.91E-08	2.69E-04	4.24E-08	1.48E-08
5676	484053.17, 3854605.32	1.82E-03	2.87E-07	1.00E-07	5.41E-04	8.52E-08	2.97E-08	1.92E-03	3.02E-07	1.05E-07	6.26E-04	9.86E-08	3.44E-08	1.59E-03	2.50E-07	8.71E-08	2.83E-04	4.46E-08	1.55E-08
5677	484214.97, 3854698.15	2.15E-03	3.38E-07	1.18E-07	6.19E-04	9.76E-08	3.40E-08	2.25E-03	3.55E-07	1.24E-07	7.17E-04	1.13E-07	3.93E-08	1.88E-03	2.96E-07	1.03E-07	3.24E-04	5.10E-08	1.78E-08
5678	484297.5, 3854733.74	2.37E-03	3.74E-07	1.30E-07	7.00E-04	1.10E-07	3.84E-08	2.49E-03	3.93E-07	1.37E-07	8.10E-04	1.28E-07	4.44E-08	2.07E-03	3.26E-07	1.13E-07	3.66E-04	5.76E-08	2.01E-08
5679	484380.03, 3854769.34	2.53E-03	3.98E-07	1.39E-07	7.52E-04	1.18E-07	4.13E-08	2.66E-03	4.18E-07	1.46E-07	8.70E-04	1.37E-07	4.78E-08	2.20E-03	3.46E-07	1.21E-07	3.93E-04	6.19E-08	2.16E-08
5680	484462.56, 3854804.94	2.77E-03	4.37E-07	1.52E-07	8.47E-04	1.33E-07	4.65E-08	2.92E-03	4.60E-07	1.60E-07	9.80E-04	1.54E-07	5.38E-08	2.40E-03	3.78E-07	1.32E-07	4.42E-04	6.96E-08	2.43E-08
5681	484545.09, 3854840.53	2.92E-03	4.60E-07	1.60E-07	9.08E-04	1.43E-07	4.98E-08	3.07E-03	4.84E-07	1.69E-07	1.05E-03	1.66E-07	5.77E-08	2.52E-03	3.96E-07	1.38E-07	4.74E-04	7.46E-08	2.60E-08
5682	484691.88, 3854912.59	3.49E-03	5.50E-07	1.92E-07	1.19E-03	1.87E-07	6.52E-08	3.70E-03	5.83E-07	2.03E-07	1.38E-03	2.17E-07	7.55E-08	2.95E-03	4.65E-07	1.62E-07	6.19E-04	9.75E-08	3.40E-08
5683	484830.81, 3855012.51	5.29E-03	8.33E-07	2.90E-07	2.51E-03	3.95E-07	1.38E-07	5.72E-03	9.01E-07	3.14E-07	2.90E-03	4.57E-07	1.59E-07	4.04E-03	6.36E-07	2.21E-07	1.30E-03	2.05E-07	7.15E-08
5684	484905.48, 3855075.97	9.72E-03	1.53E-06	5.33E-07	6.24E-03	9.83E-07	3.42E-07	1.08E-02	1.70E-06	5.92E-07	7.23E-03	1.14E-06	3.97E-07	6.42E-03	1.01E-06	3.52E-07	3.24E-03	5.11E-07	1.78E-07
5685	484980.14, 3855139.44	1.39E-02	2.20E-06	7.65E-07	9.84E-03	1.55E-06	5.40E-07	1.56E-02	2.46E-06	8.58E-07	1.14E-02	1.80E-06	6.25E-07	8.67E-03	1.37E-06	4.76E-07	5.11E-03	8.05E-07	2.81E-07
5686	485054.81, 3855202.91	1.67E-02	2.63E-06	9.16E-07	1.22E-02	1.92E-06	6.67E-07	1.88E-02	2.96E-06	1.03E-06	1.41E-02	2.22E-06	7.73E-07	1.02E-02	1.60E-06	5.57E-07	6.32E-03	9.95E-07	3.47E-07
5687	485129.48, 3855266.37	1.76E-02	2.77E-06	9.64E-07	1.29E-02	2.02E-06	7.05E-07	1.98E-02	3.12E-06	1.09E-06	1.49E-02	2.35E-06	8.17E-07	1.06E-02	1.68E-06	5.84E-07	6.68E-03	1.05E-06	3.67E-07
5688	485204.15, 3855329.84	2.00E-02	3.15E-06	1.10E-06	1.48E-02	2.33E-06	8.11E-07	2.25E-02	3.55E-06	1.24E-06	1.71E-02	2.70E-06	9.39E-07	1.20E-02	1.89E-06	6.59E-07	7.68E-03	1.21E-06	4.21E-07
5689	485278.82, 3855393.31	2.10E-02	3.30E-06	1.15E-06	1.55E-02	2.44E-06	8.51E-07	2.37E-02	3.73E-06	1.30E-06	1.80E-02	2.83E-06	9.86E-07	1.26E-02	1.99E-06	6.92E-07	8.06E-03	1.27E-06	4.42E-07
5690	485353.48, 3855456.77	2.24E-02	3.53E-06	1.23E-06	1.66E-02	2.61E-06	9.10E-07	2.53E-02	3.98E-06	1.39E-06	1.92E-02	3.02E-06	1.05E-06	1.35E-02	2.12E-06	7.40E-07	8.61E-03	1.36E-06	4.73E-07
5691	485428.15, 3855520.24	2.30E-02	3.63E-06	1.26E-06	1.69E-02	2.67E-06	9.30E-07	2.60E-02	4.09E-06	1.42E-06	1.96E-02	3.09E-06	1.08E-06	1.39E-02	2.19E-06	7.63E-07	8.81E-03	1.39E-06	4.83E-07

5692	485502.82, 3855583.71	2.37E-02	3.74E-06	1.30E-06	1.74E-02	2.73E-06	9.53E-07	2.67E-02	4.21E-06	1.47E-06	2.01E-02	3.17E-06	1.10E-06	1.44E-02	2.26E-06	7.88E-07	9.02E-03	1.42E-06	4.95E-07
5693	485577.49, 3855647.17	2.53E-02	3.99E-06	1.39E-06	1.85E-02	2.91E-06	1.01E-06	2.85E-02	4.49E-06	1.56E-06	2.14E-02	3.37E-06	1.17E-06	1.53E-02	2.42E-06	8.42E-07	9.60E-03	1.51E-06	5.27E-07
5694	485652.16, 3855710.64	2.67E-02	4.21E-06	1.47E-06	1.95E-02	3.06E-06	1.07E-06	3.01E-02	4.74E-06	1.65E-06	2.25E-02	3.55E-06	1.24E-06	1.63E-02	2.56E-06	8.93E-07	1.01E-02	1.59E-06	5.55E-07
5695	485726.83, 3855774.11	2.76E-02	4.35E-06	1.52E-06	2.00E-02	3.15E-06	1.10E-06	3.11E-02	4.90E-06	1.71E-06	2.32E-02	3.65E-06	1.27E-06	1.69E-02	2.66E-06	9.26E-07	1.04E-02	1.64E-06	5.71E-07
5696	485801.49, 3855837.57	2.73E-02	4.31E-06	1.50E-06	1.96E-02	3.08E-06	1.07E-06	3.07E-02	4.84E-06	1.69E-06	2.27E-02	3.57E-06	1.24E-06	1.68E-02	2.65E-06	9.24E-07	1.02E-02	1.60E-06	5.58E-07
5697	485876.16, 3855901.04	2.81E-02	4.43E-06	1.54E-06	2.00E-02	3.16E-06	1.10E-06	3.16E-02	4.98E-06	1.73E-06	2.32E-02	3.66E-06	1.27E-06	1.74E-02	2.74E-06	9.54E-07	1.04E-02	1.64E-06	5.72E-07
5698	485950.83, 3855964.5	2.79E-02	4.39E-06	1.53E-06	1.96E-02	3.09E-06	1.08E-06	3.13E-02	4.92E-06	1.72E-06	2.27E-02	3.58E-06	1.25E-06	1.74E-02	2.74E-06	9.54E-07	1.02E-02	1.60E-06	5.59E-07
5699	486025.5, 3856027.97	2.75E-02	4.33E-06	1.51E-06	1.91E-02	3.01E-06	1.05E-06	3.08E-02	4.85E-06	1.69E-06	2.21E-02	3.49E-06	1.21E-06	1.72E-02	2.72E-06	9.46E-07	9.93E-03	1.56E-06	5.45E-07
5700	486100.17, 3856091.44	2.92E-02	4.60E-06	1.60E-06	2.02E-02	3.19E-06	1.11E-06	3.27E-02	5.15E-06	1.79E-06	2.34E-02	3.69E-06	1.29E-06	1.84E-02	2.89E-06	1.01E-06	1.05E-02	1.66E-06	5.77E-07
5701	486174.83, 3856154.9	2.83E-02	4.46E-06	1.55E-06	1.94E-02	3.06E-06	1.07E-06	3.17E-02	4.99E-06	1.74E-06	2.25E-02	3.54E-06	1.23E-06	1.80E-02	2.83E-06	9.85E-07	1.01E-02	1.59E-06	5.54E-07
5702	486249.5, 3856218.37	2.62E-02	4.13E-06	1.44E-06	1.77E-02	2.78E-06	9.70E-07	2.93E-02	4.61E-06	1.61E-06	2.05E-02	3.22E-06	1.12E-06	1.68E-02	2.65E-06	9.23E-07	9.18E-03	1.45E-06	5.04E-07
5703	486324.17, 3856281.84	2.45E-02	3.86E-06	1.35E-06	1.62E-02	2.56E-06	8.90E-07	2.73E-02	4.31E-06	1.50E-06	1.88E-02	2.96E-06	1.03E-06	1.59E-02	2.51E-06	8.74E-07	8.43E-03	1.33E-06	4.63E-07
5704	486398.84, 3856345.3	2.52E-02	3.98E-06	1.39E-06	1.66E-02	2.62E-06	9.13E-07	2.81E-02	4.43E-06	1.54E-06	1.93E-02	3.04E-06	1.06E-06	1.64E-02	2.58E-06	9.00E-07	8.65E-03	1.36E-06	4.75E-07
5705	486473.51, 3856408.77	2.53E-02	3.99E-06	1.39E-06	1.66E-02	2.61E-06	9.10E-07	2.82E-02	4.44E-06	1.55E-06	1.92E-02	3.03E-06	1.05E-06	1.65E-02	2.60E-06	9.07E-07	8.62E-03	1.36E-06	4.73E-07
5706	486548.17, 3856472.24	2.61E-02	4.11E-06	1.43E-06	1.71E-02	2.69E-06	9.38E-07	2.90E-02	4.57E-06	1.59E-06	1.98E-02	3.12E-06	1.09E-06	1.70E-02	2.68E-06	9.35E-07	8.88E-03	1.40E-06	4.87E-07
5707	486622.84, 3856535.7	2.69E-02	4.24E-06	1.48E-06	1.76E-02	2.77E-06	9.66E-07	2.99E-02	4.71E-06	1.64E-06	2.04E-02	3.21E-06	1.12E-06	1.76E-02	2.77E-06	9.64E-07	9.15E-03	1.44E-06	5.02E-07
5708	486765.48, 3856659.69	2.89E-02	4.55E-06	1.58E-06	1.90E-02	2.99E-06	1.04E-06	3.21E-02	5.06E-06	1.76E-06	2.20E-02	3.46E-06	1.20E-06	1.88E-02	2.97E-06	1.03E-06	9.85E-03	1.55E-06	5.41E-07
5709	486833.44, 3856720.2	2.97E-02	4.69E-06	1.63E-06	1.96E-02	3.08E-06	1.07E-06	3.31E-02	5.22E-06	1.82E-06	2.27E-02	3.57E-06	1.24E-06	1.94E-02	3.05E-06	1.06E-06	1.02E-02	1.60E-06	5.58E-07
5710	486901.41, 3856780.72	3.03E-02	4.77E-06	1.66E-06	1.99E-02	3.13E-06	1.09E-06	3.37E-02	5.31E-06	1.85E-06	2.30E-02	3.63E-06	1.26E-06	1.98E-02	3.11E-06	1.08E-06	1.03E-02	1.63E-06	5.67E-07
5711	486969.38, 3856841.24	3.06E-02	4.82E-06	1.68E-06	2.00E-02	3.15E-06	1.10E-06	3.40E-02	5.36E-06	1.87E-06	2.31E-02	3.65E-06	1.27E-06	2.00E-02	3.15E-06	1.10E-06	1.04E-02	1.64E-06	5.70E-07
5712	487037.34, 3856901.75	3.06E-02	4.83E-06	1.68E-06	1.99E-02	3.14E-06	1.09E-06	3.41E-02	5.37E-06	1.87E-06	2.31E-02	3.63E-06	1.27E-06	2.01E-02	3.17E-06	1.10E-06	1.03E-02	1.63E-06	5.68E-07
5713	487271.23, 3856855.51	2.05E-02	3.23E-06	1.12E-06	1.13E-02	1.78E-06	6.20E-07	2.24E-02	3.53E-06	1.23E-06	1.31E-02	2.06E-06	7.18E-07	1.47E-02	2.31E-06	8.05E-07	5.87E-03	9.25E-07	3.22E-07
5714	487368.96, 3856857.29	1.87E-02	2.95E-06	1.03E-06	9.84E-03	1.55E-06	5.40E-07	2.04E-02	3.21E-06	1.12E-06	1.14E-02	1.80E-06	6.26E-07	1.37E-02	2.16E-06	7.52E-07	5.12E-03	8.06E-07	2.81E-07
5715	487466.68, 3856859.06	1.73E-02	2.72E-06	9.47E-07	8.65E-03	1.36E-06	4.75E-07	1.88E-02	2.95E-06	1.03E-06	1.00E-02	1.58E-06	5.50E-07	1.29E-02	2.03E-06	7.08E-07	4.50E-03	7.08E-07	2.47E-07
5716	487636.44, 3856930	1.54E-02	2.43E-06	8.47E-07	7.02E-03	1.11E-06	3.85E-07	1.66E-02	2.62E-06	9.14E-07	8.13E-03	1.28E-06	4.46E-07	1.20E-02	1.89E-06	6.57E-07	3.65E-03	5.75E-07	2.00E-07
5717	487709.57, 3856928.43	1.47E-02	2.32E-06	8.07E-07	6.43E-03	1.01E-06	3.53E-07	1.58E-02	2.49E-06	8.68E-07	7.45E-03	1.17E-06	4.09E-07	1.16E-02	1.82E-06	6.34E-07	3.34E-03	5.26E-07	1.83E-07
5718	487782.55, 3856841.96	1.39E-02	2.19E-06	7.61E-07	6.03E-03	9.50E-07	3.31E-07	1.49E-02	2.35E-06	8.18E-07	6.99E-03	1.10E-06	3.84E-07	1.09E-02	1.72E-06	6.00E-07	3.14E-03	4.94E-07	1.72E-07
5719	487849.83, 3856754.74	1.30E-02	2.05E-06	7.15E-07	5.61E-03	8.84E-07	3.08E-07	1.40E-02	2.21E-06	7.68E-07	6.50E-03	1.02E-06	3.57E-07	1.03E-02	1.62E-06	5.65E-07	2.92E-03	4.59E-07	1.60E-07
5720	487918.03, 3856819.39	1.29E-02	2.03E-06	7.06E-07	5.31E-03	8.36E-07	2.91E-07	1.38E-02	2.17E-06	7.56E-07	6.15E-03	9.69E-07	3.37E-07	1.03E-02	1.62E-06	5.66E-07	2.76E-03	4.35E-07	1.51E-07
5721	487918.8, 3856886.37	1.30E-02	2.05E-06	7.14E-07	5.24E-03	8.25E-07	2.87E-07	1.39E-02	2.19E-06	7.64E-07	6.07E-03	9.56E-07	3.33E-07	1.05E-02	1.66E-06	5.77E-07	2.72E-03	4.29E-07	1.49E-07
5722	488065.47, 3857127.51	1.18E-02	1.85E-06	6.46E-07	3.74E-03	5.89E-07	2.05E-07	1.24E-02	1.96E-06	6.81E-07	4.33E-03	6.82E-07	2.38E-07	1.01E-02	1.59E-06	5.55E-07	1.94E-03	3.06E-07	1.07E-07
5723	488192.19, 3857385.84	1.10E-02	1.74E-06	6.05E-07	2.31E-03	3.63E-07	1.27E-07	1.14E-02	1.80E-06	6.27E-07	2.67E-03	4.20E-07	1.46E-07	1.02E-02	1.61E-06	5.60E-07	1.20E-03	1.89E-07	6.59E-08
5724	488191.22, 3857473.87	1.11E-02	1.75E-06	6.10E-07	1.97E-03	3.11E-07	1.08E-07	1.15E-02	1.81E-06	6.29E-07	2.28E-03	3.60E-07	1.25E-07	1.05E-02	1.65E-06	5.76E-07	1.03E-03	1.62E-07	5.65E-08
5725	488190.24, 3857561.91	1.14E-02	1.79E-06	6.23E-07	1.69E-03	2.66E-07	9.27E-08	1.16E-02	1.83E-06	6.39E-07	1.95E-03	3.08E-07	1.07E-07	1.09E-02	1.72E-06	5.99E-07	8.82E-04	1.39E-07	4.84E-08
5726	488158.35, 3857691.13	1.20E-02	1.90E-06	6.61E-07	1.35E-03	2.13E-07	7.42E-08	1.23E-02	1.93E-06	6.74E-07	1.56E-03	2.46E-07	8.59E-08	1.18E-02	1.87E-06	6.50E-07	7.10E-04	1.12E-07	3.90E-08
5727	488208.37, 3857816.66	1.44E-02	2.27E-06	7.90E-07	1.12E-03	1.77E-07	6.16E-08	1.46E-02	2.30E-06	8.00E-07	1.29E-03	2.04E-07	7.10E-08	1.44E-02	2.26E-06	7.89E-07	6.02E-04	9.49E-08	3.30E-08
5728	488271.97, 3857874.6	2.44E-02	3.84E-06	1.34E-06	1.16E-03	1.83E-07	6.37E-08	2.45E-02	3.87E-06	1.35E-06	1.32E-03	2.07E-07	7.23E-08	2.44E-02	3.85E-06	1.34E-06	6.85E-04	1.08E-07	3.76E-08
5729	488463.56, 3857942.31	3.17E-02	5.00E-06	1.74E-06	1.17E-03	1.84E-07	6.41E-08	3.19E-02	5.02E-06	1.75E-06	1.31E-03	2.07E-07	7.20E-08	3.18E-02	5.02E-06	1.75E-06	7.36E-04	1.16E-07	4.04E-08
5730	488554.83, 3857940.83	2.70E-02	4.25E-06	1.48E-06	1.11E-03	1.76E-07	6.12E-08	2.71E-02	4.27E-06	1.49E-06	1.26E-03	1.98E-07	6.90E-08	2.71E-02	4.26E-06	1.48E-06	6.78E-04	1.07E-07	3.72E-08
5731	488646.1, 3857939.36	2.35E-02	3.69E-06	1.29E-06	1.08E-03	1.70E-07	5.91E-08	2.36E-02	3.72E-06	1.30E-06	1.22E-03	1.92E-07	6.70E-08	2.35E-02	3.71E-06	1.29E-06	6.37E-04	1.00E-07	3.50E-08
5732	488737.37, 3857937.88	2.09E-02	3.29E-06	1.15E-06	1.05E-03	1.65E-07	5.76E-08	2.10E-02	3.31E-06	1.15E-06	1.19E-03	1.88E-07	6.56E-08	2.09E-02	3.30E-06	1.15E-06	6.08E-04	9.58E-08	3.34E-08
5733	488733.59, 3857960.57	2.08E-02	3.28E-06	1.14E-06	1.02E-03	1.61E-07	5.60E-08	2.10E-02	3.30E-06	1.15E-06	1.16E-03	1.83E-07	6.38E-08	2.09E-02	3.29E-06	1.15E-06	5.92E-04	9.33E-08	3.25E-08
5734	488638.09, 3857961.57	2.35E-02	3.71E-06	1.29E-06	1.05E-03	1.65E-07	5.75E-08	2.37E-02	3.73E-06	1.30E-06	1.19E-03	1.87E-07	6.52E-08	2.36E-02	3.72E-06	1.30E-06	6.22E-04	9.81E-08	3.42E-08
5735	488542.6, 3857962.56	2.74E-02	4.31E-06	1.50E-06	1.09E-03	1.72E-07	5.98E-08	2.75E-02	4.34E-06	1.51E-06	1.23E-03	1.94E-07	6.74E-08	2.75E-02	4.33E-06	1.51E-06	6.67E-04	1.05E-07	3.66E-08
5736	488447.1, 3857963.56	3.29E-02	5.19E-06	1.81E-06	1.15E-03	1.82E-07	6.33E-08	3.31E-02	5.21E-06	1.82E-06	1.29E-03	2.04E-07	7.09E-08	3.31E-02	5.21E-06	1.81E-06	7.35E-04	1.16E-07	4.03E-08
5737	488254.28, 3857890.36	2.61E-02	4.10E-06	1.43E-06	1.16E-03	1.82E-07	6.35E-08	2.62E-02	4.13E-06	1.44E-06	1.31E-03	2.06E-07	7.19E-08	2.61E-02	4.12E-06	1.43E-06	6.93E-04	1.09E-07	3.80E-08
5738	488191.69, 3857833.06	1.46E-02	2.29E-06	7.99E-07	1.09E-03	1.72E-07	6.01E-08	1.47E-02	2.32E-06	8.09E-07	1.26E-03	1.99E-07	6.92E-08	1.46E-02	2.29E-06	7.99E-07	5.89E-04	9.27E-08	3.23E-08
5739	488129.5, 3857907.43	1.55E-02	2.43E-06	8.48E-07	9.88E-04	1.56E-07	5.42E-08	1.56E-02	2.46E-06	8.57E-07	1.14E-03	1.79E-07	6.24E-08	1.56E-02	2.45E-06	8.54E-07	5.35E-04	8.43E-08	2.94E-08
5740	488196.47, 3857968.74	3.98E-02	6.26E-06	2.18E-06	1.23E-03	1.94E-07	6.76E-08	3.99E-02	6.29E-06	2.19E-06	1.37E-03	2.16E-07	7.52E-08	3.99E-02	6.29E-06	2.19E-06	8.15E-04	1.28E-07	4.47E-08
5741	488263.44, 3858030.04	4.01E-02	6.32E-06	2.20E-06	1.17E-03	1.84E-07	6.41E-08	4.02E-02	6.34E-06	2.21E-06	1.30E-03	2.04E-07	7.11E-08	4.03E-02	6.35E-06	2.21E-06	7.82E-04	1.23E-07	4.29E-08
5742	488400.64, 3858132.9	2.08E-02	3.27E-06	1.14E-06	8.11E-04	1.28E-07	4.45E-08	2.09E-02	3.29E-06	1.15E-06	9.24E-04	1.46E-07	5.07E-08	2.11E-02	3.32E-06	1.16E-06	4.69E-04	7.39E-08	2.58E-08
5743	488519.89, 3858218.38	1.76E-02	2.77E-06	9.63E-07	6.89E-04	1.09E-07	3.78E-08	1.77E-02	2.78E-06	9.69E-07	7.91E-04	1.25E-07	4.34E-08	1.80E-02	2.83E-06	9.85E-07	3.81E-04	6.00E-08	2.09E-08
5744	488647.97, 3858214.99	1.69E-02	2.66E-06	9.27E-07	6.88E-04	1.08E-07	3.77E-08	1.70E-02	2.68E-06	9.33E-07	7.89E-04	1.24E-07	4.33E-08	1.73E-02	2.72E-06	9.47E-07	3.80E-04	5.98E-08	2.08E-08
5745	488727.05, 3858167.67	1.68E-02	2.65E-06	9.23E-07	7.36E-04	1.16E-07	4.04E-08	1.69E-02	2.67E-06	9.30E-07	8.43E-04	1.33E-07	4.63E-08	1.71E-02	2.70E-06	9.40E-07	4.09E-04	6.44E-08	2.24E-08
5746	488806.12, 3858120.35	1.68E-02	2.64E-06	9.21E-07	7.91E-04	1.25E-07	4.34E-08	1.69E-02	2.66E-06	9.28E-07	9.06E-04	1.43E-07	4.98E-08	1.70E-02	2.68E-06	9.34E-07	4.42E-04	6.96E-08	2.42E-08
5747	488885.2, 3858073.03	1.66E-02	2.62E-06	9.14E-07	8.48E-04	1.34E-07	4.65E-08	1.68E-02	2.64E-06	9.21E-07	9.71E-04	1.53E-07	5.33E-08	1.68E-02	2.65E-06	9.23E-07	4.74E-04	7.46E-08	2.60E-08
5748	489055.76, 3857991.18	1.56E-02	2.45E-06	8.55E-07	9.32E-04	1.47E-07	5.11E-08	1.57E-02	2.48E-06	8.63E-07	1.07E-03	1.68E-07	5.86E-08	1.56E-02	2.47E-06	8.59E-07	5.16E-04	8.13E-08	2.83E-08
5749	489245.39, 3857944.55	1.40E-02	2.20E-06	7.67E-07	9.61E-04	1.51E-07	5.27E-08	1.41E-02	2.23E-06	7.76E-07	1.10E-03	1.74E-07	6.06E-08	1.40E-02	2.20E-06	7.67E-07	5.26E-04	8.29E-08	2.89E-08
5750	489430.63, 3857930.91	1.28E-02	2.01E-06	7.02E-07	9.49E-04	1.49E-07	5.21E-08	1.29E-02	2.04E-06	7.10E-07	1.09E-03	1.72E-07	5.99E-08	1.28E-02	2.01E-06	7.00E-07	5.15E-04	8.11E-08	2.83E-08
5751	489517.74, 3857929.36	1.23E-02	1.94E-06	6.77E-07	9.38E-04	1.48E-07	5.15E-08	1.25E-02	1.97E-06	6.85E-07	1.08E-03	1.70E-07	5.93E-08	1.23E-02	1.94E-06	6.75E-07	5.08E-04	8.00E-08	2.79E-08
5752	489604.86, 3857927.82	1.19E-02	1.88E-06	6.53E-07	9.27E-04	1.46E-07	5.09E-08	1.21E-02	1.90E-06	6.62E-07	1.07E-03	1.68E-07	5.86E-08	1.19E-02	1.87E-06	6.51E-07	5.01E-04	7.89E-08	2.75E-08
5753	489691.97, 3857926.28	1.15E-02	1.82E-06	6.34E-07	9.16E-04	1.44E-07	5.03E-08	1.17E-02	1.84E-06	6.42E-07	1.06E-03	1.66E-07	5.79E-08	1.15E-02	1.81E-06	6.31E-07	4.93E-04	7.77E-08	2.71E-08
5754	489779.08, 3857924.73	1.12E-02	1.77E-06	6.15E-07	9.04E-04	1.42E-07	4.96E-08	1.14E-02	1.79E-06	6.23E-07	1.04E-03	1.64E-07	5.72E-08	1.12E-02	1.76E-06	6.13E-07	4.86E-04	7.66E-08	2.67E-08
5755	490017.55, 3857875.09	1.03E-02	1.62E-06	5.65E-07	9.05E-04	1.42E-07	4.96E-08	1.04E-02	1.64E-06	5.73E-07	1.04E-03	1.64E-07	5.72E-08	1.02E-02	1.61E-06	5.60E-07	4.84E-04	7.63E-08	2.66E-08
5756	490033.82, 3857960.81	1.05E-02	1.65E-06	5.74E-07	8.43E-04	1.33E-07	4.63E-08	1.06E-02	1.67E-06	5.81E-07	9.72E-04	1.53E-07	5.33E-08	1.04E-02	1.64E-06	5.72E-07	4.51E-04	7.11E-08	2.48E-08
5757	489959.15, 3857987.49	1.08E-02	1.70E-06	5.91E-07	8.33E-04	1.31E-07	4.57E-08	1.09E-02	1.72E-06	5.99E-07	9.61E-04	1.51E-07	5.27E-08	1.08E-02	1.70E-06	5.91E-07	4.47E-04	7.04E-08	2.45E-08
5758	489791.49, 3858016.12	1.13E-02	1.78E-06	6.19E-07	8.37E-04	1.32E-07	4.59E-08	1.14E-02	1.80E-06	6.27E-07	9.65E-04	1.52E-07	5.29E-08	1.13E-02	1.78E-06	6.20E-07	4.50E-04	7.08E-08	2.47E-08

5759	489698.51, 3858018.07	1.16E-02	1.83E-06	6.38E-07	8.46E-04	1.33E-07	4.64E-08	1.18E-02	1.85E-06	6.46E-07	9.75E-04	1.54E-07	5.35E-08	1.16E-02	1.83E-06	6.39E-07	4.55E-04	7.17E-08	2.50E-08
5760	489605.52, 3858020.02	1.20E-02	1.89E-06	6.58E-07	8.54E-04	1.35E-07	4.69E-08	1.21E-02	1.91E-06	6.66E-07	9.84E-04	1.55E-07	5.40E-08	1.20E-02	1.89E-06	6.60E-07	4.61E-04	7.26E-08	2.53E-08
5761	489512.53, 3858021.96	1.24E-02	1.95E-06	6.81E-07	8.62E-04	1.36E-07	4.73E-08	1.26E-02	1.98E-06	6.89E-07	9.92E-04	1.56E-07	5.45E-08	1.24E-02	1.96E-06	6.83E-07	4.66E-04	7.34E-08	2.56E-08
5762	489419.55, 3858023.91	1.29E-02	2.03E-06	7.07E-07	8.68E-04	1.37E-07	4.76E-08	1.30E-02	2.05E-06	7.15E-07	9.99E-04	1.57E-07	5.48E-08	1.29E-02	2.04E-06	7.10E-07	4.71E-04	7.41E-08	2.58E-08
5763	489228.47, 3858041.29	1.39E-02	2.19E-06	7.62E-07	8.70E-04	1.37E-07	4.78E-08	1.40E-02	2.21E-06	7.70E-07	1.00E-03	1.58E-07	5.49E-08	1.40E-02	2.20E-06	7.66E-07	4.75E-04	7.49E-08	2.61E-08
5764	489065.75, 3858085.78	1.49E-02	2.35E-06	8.19E-07	8.31E-04	1.31E-07	4.56E-08	1.50E-02	2.37E-06	8.26E-07	9.54E-04	1.50E-07	5.24E-08	1.51E-02	2.37E-06	8.27E-07	4.57E-04	7.19E-08	2.51E-08
5765	489001.12, 3858114.86	1.52E-02	2.40E-06	8.35E-07	8.01E-04	1.26E-07	4.39E-08	1.53E-02	2.42E-06	8.42E-07	9.19E-04	1.45E-07	5.04E-08	1.54E-02	2.42E-06	8.45E-07	4.41E-04	6.94E-08	2.42E-08
5766	488861.89, 3858189.81	1.56E-02	2.46E-06	8.57E-07	7.20E-04	1.13E-07	3.95E-08	1.57E-02	2.48E-06	8.63E-07	8.27E-04	1.30E-07	4.54E-08	1.59E-02	2.50E-06	8.72E-07	3.95E-04	6.23E-08	2.17E-08
5767	488787.29, 3858235.69	1.59E-02	2.50E-06	8.72E-07	6.71E-04	1.06E-07	3.69E-08	1.60E-02	2.52E-06	8.78E-07	7.72E-04	1.22E-07	4.23E-08	1.62E-02	2.56E-06	8.91E-07	3.67E-04	5.79E-08	2.02E-08
5768	488712.68, 3858281.57	1.62E-02	2.55E-06	8.87E-07	6.35E-04	1.00E-07	3.48E-08	1.63E-02	2.56E-06	8.92E-07	7.30E-04	1.15E-07	4.01E-08	1.66E-02	2.61E-06	9.09E-07	3.46E-04	5.45E-08	1.90E-08
5769	488654.39, 3858436.17	1.70E-02	2.68E-06	9.35E-07	5.47E-04	8.62E-08	3.00E-08	1.71E-02	2.70E-06	9.40E-07	6.31E-04	9.94E-08	3.46E-08	1.76E-02	2.77E-06	9.66E-07	2.92E-04	4.60E-08	1.60E-08
5770	488726.31, 3858505.26	1.74E-02	2.75E-06	9.57E-07	5.16E-04	8.13E-08	2.83E-08	1.75E-02	2.76E-06	9.62E-07	5.96E-04	9.38E-08	3.27E-08	1.81E-02	2.85E-06	9.91E-07	2.75E-04	4.33E-08	1.51E-08
5771	488880.6, 3858599.28	1.84E-02	2.90E-06	1.01E-06	4.77E-04	7.51E-08	2.62E-08	1.85E-02	2.91E-06	1.01E-06	5.50E-04	8.67E-08	3.02E-08	1.91E-02	3.01E-06	1.05E-06	2.53E-04	3.99E-08	1.39E-08
5772	489008.06, 3858714.75	2.10E-02	3.30E-06	1.15E-06	4.38E-04	6.91E-08	2.41E-08	2.10E-02	3.31E-06	1.15E-06	5.06E-04	7.97E-08	2.78E-08	2.18E-02	3.44E-06	1.20E-06	2.33E-04	3.67E-08	1.28E-08
5773	489071.48, 3858772.72	2.24E-02	3.54E-06	1.23E-06	4.22E-04	6.64E-08	2.31E-08	2.25E-02	3.55E-06	1.24E-06	4.87E-04	7.67E-08	2.67E-08	2.34E-02	3.69E-06	1.29E-06	2.24E-04	3.53E-08	1.23E-08
5774	489244.6, 3858920.2	2.54E-02	4.00E-06	1.39E-06	3.83E-04	6.04E-08	2.10E-08	2.55E-02	4.01E-06	1.40E-06	4.42E-04	6.97E-08	2.43E-08	2.66E-02	4.18E-06	1.46E-06	2.04E-04	3.22E-08	1.12E-08
5775	489239.69, 3858952.23	2.66E-02	4.19E-06	1.46E-06	3.78E-04	5.95E-08	2.07E-08	2.66E-02	4.20E-06	1.46E-06	4.36E-04	6.87E-08	2.39E-08	2.78E-02	4.38E-06	1.53E-06	2.01E-04	3.17E-08	1.11E-08
5776	489121.67, 3858854.49	2.51E-02	3.96E-06	1.38E-06	4.02E-04	6.33E-08	2.21E-08	2.52E-02	3.97E-06	1.38E-06	4.64E-04	7.31E-08	2.55E-08	2.63E-02	4.14E-06	1.44E-06	2.14E-04	3.37E-08	1.17E-08
5777	489059.59, 3858797.27	2.36E-02	3.72E-06	1.30E-06	4.17E-04	6.57E-08	2.29E-08	2.37E-02	3.73E-06	1.30E-06	4.81E-04	7.58E-08	2.64E-08	2.47E-02	3.88E-06	1.35E-06	2.22E-04	3.49E-08	1.22E-08
5778	488997.52, 3858740.04	2.19E-02	3.46E-06	1.20E-06	4.33E-04	6.83E-08	2.38E-08	2.20E-02	3.47E-06	1.21E-06	5.00E-04	7.88E-08	2.75E-08	2.29E-02	3.60E-06	1.26E-06	2.30E-04	3.63E-08	1.26E-08
5779	488935.44, 3858682.82	2.04E-02	3.22E-06	1.12E-06	4.50E-04	7.10E-08	2.47E-08	2.05E-02	3.23E-06	1.13E-06	5.20E-04	8.19E-08	2.85E-08	2.13E-02	3.35E-06	1.17E-06	2.39E-04	3.77E-08	1.31E-08
5780	488869.17, 3858848.43	3.02E-02	4.75E-06	1.66E-06	4.15E-04	6.53E-08	2.28E-08	3.03E-02	4.77E-06	1.66E-06	4.79E-04	7.54E-08	2.63E-08	3.16E-02	4.98E-06	1.73E-06	2.20E-04	3.47E-08	1.21E-08
5781	488932.48, 3858892.69	3.19E-02	5.03E-06	1.75E-06	4.03E-04	6.34E-08	2.21E-08	3.20E-02	5.04E-06	1.75E-06	4.65E-04	7.32E-08	2.55E-08	3.34E-02	5.27E-06	1.83E-06	2.14E-04	3.37E-08	1.18E-08
5782	489063.27, 3858977.17	3.27E-02	5.16E-06	1.80E-06	3.82E-04	6.02E-08	2.10E-08	3.28E-02	5.17E-06	1.80E-06	4.41E-04	6.95E-08	2.42E-08	3.43E-02	5.40E-06	1.88E-06	2.04E-04	3.21E-08	1.12E-08
5783	489248.2, 3859117.15	3.06E-02	4.81E-06	1.68E-06	3.52E-04	5.55E-08	1.93E-08	3.06E-02	4.82E-06	1.68E-06	4.06E-04	6.40E-08	2.23E-08	3.20E-02	5.05E-06	1.76E-06	1.89E-04	2.97E-08	1.04E-08
5784	489296.25, 3859049.22	2.80E-02	4.41E-06	1.54E-06	3.59E-04	5.66E-08	1.97E-08	2.81E-02	4.42E-06	1.54E-06	4.14E-04	6.53E-08	2.27E-08	2.93E-02	4.62E-06	1.61E-06	1.92E-04	3.02E-08	1.05E-08
5785	489353.38, 3858993.97	2.54E-02	4.00E-06	1.39E-06	3.65E-04	5.75E-08	2.00E-08	2.55E-02	4.01E-06	1.40E-06	4.21E-04	6.63E-08	2.31E-08	2.66E-02	4.18E-06	1.46E-06	1.95E-04	3.07E-08	1.07E-08
5786	489537.25, 3859120.22	2.39E-02	3.77E-06	1.31E-06	3.37E-04	5.31E-08	1.85E-08	2.40E-02	3.78E-06	1.32E-06	3.89E-04	6.13E-08	2.13E-08	2.50E-02	3.94E-06	1.37E-06	1.80E-04	2.84E-08	9.90E-09
5787	489726.98, 3859246.04	2.17E-02	3.42E-06	1.19E-06	3.12E-04	4.91E-08	1.71E-08	2.18E-02	3.43E-06	1.20E-06	3.59E-04	5.66E-08	1.97E-08	2.27E-02	3.58E-06	1.25E-06	1.67E-04	2.63E-08	9.16E-09
5788	489911.46, 3859366.33	1.94E-02	3.05E-06	1.06E-06	2.90E-04	4.57E-08	1.59E-08	1.94E-02	3.06E-06	1.07E-06	3.34E-04	5.27E-08	1.84E-08	2.03E-02	3.19E-06	1.11E-06	1.55E-04	2.45E-08	8.53E-09
5789	490035.3, 3859430.26	1.83E-02	2.88E-06	1.00E-06	2.77E-04	4.37E-08	1.52E-08	1.83E-02	2.88E-06	1.00E-06	3.20E-04	5.03E-08	1.75E-08	1.91E-02	3.01E-06	1.05E-06	1.48E-04	2.34E-08	8.15E-09
5790	490101.11, 3859458.61	1.76E-02	2.78E-06	9.68E-07	2.72E-04	4.28E-08	1.49E-08	1.77E-02	2.79E-06	9.71E-07	3.13E-04	4.94E-08	1.72E-08	1.84E-02	2.91E-06	1.01E-06	1.46E-04	2.29E-08	7.99E-09
5791	490312.68, 3859560.3	1.60E-02	2.51E-06	8.76E-07	2.55E-04	4.02E-08	1.40E-08	1.60E-02	2.52E-06	8.78E-07	2.94E-04	4.63E-08	1.61E-08	1.67E-02	2.63E-06	9.15E-07	1.36E-04	2.15E-08	7.48E-09
5792	490401.63, 3859603.12	1.53E-02	2.41E-06	8.41E-07	2.49E-04	3.92E-08	1.36E-08	1.54E-02	2.42E-06	8.43E-07	2.87E-04	4.52E-08	1.57E-08	1.60E-02	2.52E-06	8.79E-07	1.33E-04	2.09E-08	7.29E-09
5793	490490.57, 3859645.94	1.47E-02	2.32E-06	8.08E-07	2.43E-04	3.82E-08	1.33E-08	1.48E-02	2.33E-06	8.11E-07	2.80E-04	4.41E-08	1.54E-08	1.54E-02	2.42E-06	8.45E-07	1.30E-04	2.04E-08	7.11E-09
5794	490579.51, 3859688.76	1.41E-02	2.23E-06	7.76E-07	2.37E-04	3.74E-08	1.30E-08	1.42E-02	2.23E-06	7.78E-07	2.74E-04	4.31E-08	1.50E-08	1.48E-02	2.33E-06	8.11E-07	1.27E-04	2.00E-08	6.95E-09
5795	490668.45, 3859731.58	1.35E-02	2.13E-06	7.42E-07	2.33E-04	3.67E-08	1.28E-08	1.36E-02	2.14E-06	7.44E-07	2.69E-04	4.23E-08	1.47E-08	1.41E-02	2.22E-06	7.75E-07	1.24E-04	1.95E-08	6.81E-09
5796	490757.4, 3859774.4	1.31E-02	2.06E-06	7.17E-07	2.27E-04	3.58E-08	1.25E-08	1.31E-02	2.07E-06	7.20E-07	2.62E-04	4.13E-08	1.44E-08	1.37E-02	2.15E-06	7.49E-07	1.21E-04	1.91E-08	6.64E-09
5797	491003.53, 3859861.82	1.18E-02	1.86E-06	6.49E-07	2.17E-04	3.42E-08	1.19E-08	1.19E-02	1.87E-06	6.51E-07	2.50E-04	3.94E-08	1.37E-08	1.23E-02	1.94E-06	6.77E-07	1.15E-04	1.82E-08	6.33E-09
5798	491081.41, 3859879.05	1.15E-02	1.81E-06	6.31E-07	2.15E-04	3.38E-08	1.18E-08	1.15E-02	1.82E-06	6.33E-07	2.48E-04	3.90E-08	1.36E-08	1.20E-02	1.89E-06	6.58E-07	1.14E-04	1.80E-08	6.26E-09
5799	491229.76, 3859917.82	1.09E-02	1.71E-06	5.97E-07	2.10E-04	3.31E-08	1.15E-08	1.09E-02	1.72E-06	5.99E-07	2.43E-04	3.82E-08	1.33E-08	1.14E-02	1.79E-06	6.23E-07	1.12E-04	1.76E-08	6.12E-09
5800	491300.22, 3859939.35	1.06E-02	1.67E-06	5.82E-07	2.08E-04	3.27E-08	1.14E-08	1.06E-02	1.68E-06	5.84E-07	2.40E-04	3.77E-08	1.32E-08	1.11E-02	1.74E-06	6.07E-07	1.10E-04	1.74E-08	6.05E-09
5801	491350.49, 3860012.03	1.03E-02	1.62E-06	5.65E-07	1.99E-04	3.13E-08	1.09E-08	1.03E-02	1.63E-06	5.67E-07	2.29E-04	3.61E-08	1.26E-08	1.07E-02	1.69E-06	5.89E-07	1.05E-04	1.66E-08	5.78E-09
5802	491406.82, 3860092.57	9.88E-03	1.56E-06	5.42E-07	1.90E-04	3.00E-08	1.04E-08	9.91E-03	1.56E-06	5.44E-07	2.20E-04	3.46E-08	1.21E-08	1.03E-02	1.62E-06	5.65E-07	1.01E-04	1.59E-08	5.54E-09
5803	491483.37, 3860121.96	9.53E-03	1.50E-06	5.23E-07	1.88E-04	2.96E-08	1.03E-08	9.56E-03	1.51E-06	5.25E-07	2.17E-04	3.42E-08	1.19E-08	9.94E-03	1.57E-06	5.45E-07	9.95E-05	1.57E-08	5.46E-09
5804	491559.91, 3860151.36	9.20E-03	1.45E-06	5.05E-07	1.85E-04	2.92E-08	1.02E-08	9.23E-03	1.45E-06	5.07E-07	2.14E-04	3.37E-08	1.17E-08	9.59E-03	1.51E-06	5.26E-07	9.82E-05	1.55E-08	5.39E-09
5805	491711.81, 3860237.76	8.37E-03	1.32E-06	4.60E-07	1.82E-04	2.87E-08	1.00E-08	8.40E-03	1.32E-06	4.61E-07	2.11E-04	3.32E-08	1.16E-08	8.72E-03	1.37E-06	4.79E-07	9.65E-05	1.52E-08	5.30E-09
5806	491755.2, 3860319.07	8.05E-03	1.27E-06	4.42E-07	1.70E-04	2.68E-08	9.35E-09	8.08E-03	1.27E-06	4.44E-07	1.97E-04	3.10E-08	1.08E-08	8.39E-03	1.32E-06	4.61E-07	9.01E-05	1.42E-08	4.95E-09
5807	491704.71, 3860366.54	8.00E-03	1.26E-06	4.39E-07	1.67E-04	2.63E-08	9.16E-09	8.03E-03	1.26E-06	4.41E-07	1.93E-04	3.04E-08	1.06E-08	8.34E-03	1.31E-06	4.58E-07	8.83E-05	1.39E-08	4.85E-09
5808	491623.43, 3860462.39	7.80E-03	1.23E-06	4.28E-07	1.60E-04	2.53E-08	8.81E-09	7.83E-03	1.23E-06	4.29E-07	1.85E-04	2.92E-08	1.02E-08	8.13E-03	1.28E-06	4.46E-07	8.48E-05	1.34E-08	4.66E-09
5809	491534.02, 3860439.85	8.12E-03	1.28E-06	4.46E-07	1.67E-04	2.64E-08	9.18E-09	8.15E-03	1.28E-06	4.47E-07	1.93E-04	3.05E-08	1.06E-08	8.46E-03	1.33E-06	4.64E-07	8.85E-05	1.39E-08	4.86E-09
5810	491313.95, 3860268.18	9.48E-03	1.49E-06	5.20E-07	1.74E-04	2.74E-08	9.56E-09	9.51E-03	1.50E-06	5.22E-07	2.01E-04	3.17E-08	1.10E-08	9.89E-03	1.56E-06	5.43E-07	9.22E-05	1.45E-08	5.06E-09
5811	491187.12, 3860143.56	1.05E-02	1.65E-06	5.76E-07	1.86E-04	2.93E-08	1.02E-08	1.05E-02	1.66E-06	5.78E-07	2.14E-04	3.38E-08	1.18E-08	1.10E-02	1.73E-06	6.01E-07	9.85E-05	1.55E-08	5.41E-09
5812	491070.43, 3860075.97	1.12E-02	1.77E-06	6.15E-07	1.93E-04	3.04E-08	1.06E-08	1.12E-02	1.77E-06	6.17E-07	2.23E-04	3.51E-08	1.22E-08	1.17E-02	1.84E-06	6.43E-07	1.03E-04	1.62E-08	5.63E-09
5813	490995.09, 3860039.39	1.17E-02	1.84E-06	6.40E-07	1.97E-04	3.10E-08	1.08E-08	1.17E-02	1.84E-06	6.41E-07	2.27E-04	3.58E-08	1.25E-08	1.22E-02	1.92E-06	6.68E-07	1.05E-04	1.65E-08	5.75E-09
5814	490919.75, 3860002.8	1.21E-02	1.91E-06	6.64E-07	2.01E-04	3.17E-08	1.10E-08	1.21E-02	1.91E-06	6.66E-07	2.32E-04	3.66E-08	1.27E-08	1.26E-02	1.99E-06	6.94E-07	1.07E-04	1.69E-08	5.87E-09
5815	490756.81, 3859894.53	1.31E-02	2.06E-06	7.17E-07	2.14E-04	3.37E-08	1.18E-08	1.31E-02	2.06E-06	7.19E-07	2.47E-04	3.90E-08	1.36E-08	1.36E-02	2.15E-06	7.49E-07	1.14E-04	1.80E-08	6.26E-09
5816	490668.07, 3859860.92	1.36E-02	2.14E-06	7.47E-07	2.18E-04	3.43E-08	1.20E-08	1.36E-02	2.15E-06	7.49E-07	2.52E-04	3.96E-08	1.38E-08	1.42E-02	2.24E-06	7.81E-07	1.16E-04	1.83E-08	6.38E-09
5817	490579.34, 3859827.3	1.41E-02	2.23E-06	7.76E-07	2.23E-04	3.51E-08	1.22E-08	1.42E-02	2.23E-06	7.78E-07	2.57E-04	4.05E-08	1.41E-08	1.48E-02	2.33E-06	8.11E-07	1.19E-04	1.87E-08	6.52E-09
5818	490490.6, 3859793.68	1.47E-02	2.32E-06	8.08E-07	2.27E-04	3.58E-08	1.25E-08	1.48E-02	2.32E-06	8.10E-07	2.62E-04	4.13E-08	1.44E-08	1.54E-02	2.42E-06	8.45E-07	1.21E-04	1.91E-08	6.65E-09
5819	490401.86, 3859760.07	1.53E-02	2.41E-06	8.41E-07	2.32E-04	3.65E-08	1.27E-08	1.54E-02	2.42E-06	8.43E-07	2.67E-04	4.21E-08	1.47E-08	1.60E-02	2.52E-06	8.80E-07	1.24E-04	1.95E-08	6.80E-09
5820	490313.12, 3859726.45	1.59E-02	2.51E-06	8.74E-07	2.37E-04	3.74E-08	1.30E-08	1.60E-02	2.52E-06	8.76E-07	2.74E-04	4.31E-08	1.50E-08	1.67E-02	2.62E-06	9.14E-07	1.27E-04	2.00E-08	6.97E-09
5821	490224.39, 3859692.83	1.66E-02	2.61E-06	9.09E-07	2.43E-04	3.84E-08	1.34E-08	1.66E-02	2.62E-06	9.11E-07	2.81E-04	4.42E-08	1.54E-08	1.73E-02	2.73E-06	9.51E-07	1.30E-04	2.05E-08	7.15E-09
5822	490135.65, 3859659.22	1.72E-02	2.71E-06	9.42E-07	2.50E-04	3.94E-08	1.37E-08	1.72E-02	2.71E-06	9.45E-07	2.89E-04	4.55E-08	1.58E-08	1.80E-02	2.83E-06	9.86E-07	1.34E-04	2.11E-08	7.36E-09
5823	489918.19, 3859559.23	1.91E-02	3.00E-06	1.05E-06	2.70E-04	4.25E-08	1.48E-08	1.91E-02	3.01E-06	1.05E-06	3.11E-04	4.89E-08	1.71E-08	2.00E-02	3.14E-06	1.10E-06	1.45E-04	2.28E-08	7.95E-09
5824	489743.61, 3859486	2.12E-02	3.34E-06	1.16E-06	2.85E-04	4.49E-08	1.56E-08	2.12E-02	3.35E-06	1.17E-06	3.28E-04	5.17E-08	1.80E-08	2.22E-02	3.50E-06	1.22E-06	1.53E-04	2.41E-08	8.41E-09
5825	489660.32, 3859440.27	2.25E-02	3.55E-06	1.24E-06	2.93E-04	4.62E-08	1.61E-08	2.26E-02	3.56E-06	1.24E-06	3.38E-04	5.32E-08	1.85E-08	2.36E-02	3.72E-06	1.30E-06	1.58E-04	2.49E-08	8.66E-09

5826	489577.04, 3859394.53	2.41E-02	3.79E-06	1.32E-06	3.02E-04	4.75E-08	1.66E-08	2.41E-02	3.80E-06	1.32E-06	3.48E-04	5.48E-08	1.91E-08	2.52E-02	3.97E-06	1.38E-06	1.62E-04	2.56E-08	8.92E-09
5827	489493.75, 3859348.8	2.58E-02	4.07E-06	1.42E-06	3.10E-04	4.89E-08	1.70E-08	2.59E-02	4.08E-06	1.42E-06	3.58E-04	5.63E-08	1.96E-08	2.71E-02	4.26E-06	1.49E-06	1.67E-04	2.63E-08	9.17E-09
5828	489321.28, 3859240.02	3.00E-02	4.72E-06	1.65E-06	3.31E-04	5.22E-08	1.82E-08	3.00E-02	4.73E-06	1.65E-06	3.82E-04	6.01E-08	2.09E-08	3.14E-02	4.95E-06	1.72E-06	1.78E-04	2.81E-08	9.78E-09
5829	489235.41, 3859193.96	3.20E-02	5.04E-06	1.76E-06	3.41E-04	5.38E-08	1.87E-08	3.21E-02	5.05E-06	1.76E-06	3.93E-04	6.19E-08	2.16E-08	3.36E-02	5.29E-06	1.84E-06	1.83E-04	2.89E-08	1.01E-08
5830	489149.54, 3859147.89	3.49E-02	5.49E-06	1.91E-06	3.50E-04	5.51E-08	1.92E-08	3.49E-02	5.50E-06	1.92E-06	4.03E-04	6.35E-08	2.21E-08	3.66E-02	5.76E-06	2.01E-06	1.88E-04	2.96E-08	1.03E-08
5831	489063.68, 3859101.82	3.76E-02	5.92E-06	2.06E-06	3.59E-04	5.66E-08	1.97E-08	3.77E-02	5.93E-06	2.07E-06	4.14E-04	6.53E-08	2.27E-08	3.95E-02	6.22E-06	2.17E-06	1.93E-04	3.03E-08	1.06E-08
5832	488977.81, 3859055.75	4.06E-02	6.40E-06	2.23E-06	3.69E-04	5.82E-08	2.03E-08	4.07E-02	6.41E-06	2.23E-06	4.26E-04	6.71E-08	2.34E-08	4.27E-02	6.72E-06	2.34E-06	1.98E-04	3.11E-08	1.08E-08
5833	488891.94, 3859009.69	4.54E-02	7.15E-06	2.49E-06	3.77E-04	5.95E-08	2.07E-08	4.55E-02	7.16E-06	2.50E-06	4.35E-04	6.86E-08	2.39E-08	4.77E-02	7.51E-06	2.62E-06	2.02E-04	3.17E-08	1.11E-08
5834	488808, 3859060.73	5.97E-02	9.40E-06	3.28E-06	3.64E-04	5.73E-08	2.00E-08	5.97E-02	9.41E-06	3.28E-06	4.19E-04	6.61E-08	2.30E-08	6.28E-02	9.89E-06	3.44E-06	1.95E-04	3.07E-08	1.07E-08
5835	488809.93, 3859157.85	6.26E-02	9.86E-06	3.44E-06	3.43E-04	5.40E-08	1.88E-08	6.27E-02	9.87E-06	3.44E-06	3.95E-04	6.22E-08	2.17E-08	6.59E-02	1.04E-05	3.62E-06	1.85E-04	2.91E-08	1.02E-08
5836	488811.86, 3859254.96	6.50E-02	1.02E-05	3.57E-06	3.24E-04	5.10E-08	1.78E-08	6.51E-02	1.03E-05	3.57E-06	3.72E-04	5.86E-08	2.04E-08	6.84E-02	1.08E-05	3.76E-06	1.76E-04	2.78E-08	9.68E-09
5837	488813.78, 3859352.07	6.66E-02	1.05E-05	3.66E-06	3.05E-04	4.81E-08	1.68E-08	6.66E-02	1.05E-05	3.66E-06	3.51E-04	5.53E-08	1.93E-08	7.01E-02	1.10E-05	3.85E-06	1.68E-04	2.64E-08	9.20E-09
5838	488815.71, 3859449.19	6.65E-02	1.05E-05	3.65E-06	2.90E-04	4.58E-08	1.59E-08	6.65E-02	1.05E-05	3.65E-06	3.33E-04	5.25E-08	1.83E-08	7.00E-02	1.10E-05	3.84E-06	1.61E-04	2.53E-08	8.82E-09
5839	488910.04, 3859547.11	4.40E-02	6.94E-06	2.42E-06	2.81E-04	4.42E-08	1.54E-08	4.41E-02	6.94E-06	2.42E-06	3.21E-04	5.06E-08	1.76E-08	4.63E-02	7.29E-06	2.54E-06	1.57E-04	2.48E-08	8.64E-09
5840	489002.45, 3859547.91	3.81E-02	6.00E-06	2.09E-06	2.80E-04	4.42E-08	1.54E-08	3.81E-02	6.01E-06	2.09E-06	3.21E-04	5.06E-08	1.76E-08	4.00E-02	6.30E-06	2.20E-06	1.56E-04	2.46E-08	8.58E-09
5841	489094.85, 3859548.72	3.38E-02	5.32E-06	1.85E-06	2.81E-04	4.43E-08	1.54E-08	3.38E-02	5.33E-06	1.86E-06	3.22E-04	5.08E-08	1.77E-08	3.55E-02	5.59E-06	1.95E-06	1.56E-04	2.45E-08	8.54E-09
5842	489230.05, 3859601.87	2.85E-02	4.49E-06	1.56E-06	2.74E-04	4.32E-08	1.50E-08	2.85E-02	4.50E-06	1.57E-06	3.15E-04	4.95E-08	1.73E-08	2.99E-02	4.71E-06	1.64E-06	1.51E-04	2.38E-08	8.28E-09
5843	489227.52, 3859680.89	2.72E-02	4.29E-06	1.49E-06	2.62E-04	4.13E-08	1.44E-08	2.72E-02	4.29E-06	1.50E-06	3.01E-04	4.73E-08	1.65E-08	2.85E-02	4.49E-06	1.57E-06	1.45E-04	2.28E-08	7.94E-09
5844	489133.47, 3859760.29	2.78E-02	4.38E-06	1.52E-06	2.51E-04	3.95E-08	1.38E-08	2.78E-02	4.38E-06	1.53E-06	2.87E-04	4.53E-08	1.58E-08	2.91E-02	4.59E-06	1.60E-06	1.40E-04	2.20E-08	7.67E-09
5845	489041.96, 3859760.67	2.93E-02	4.62E-06	1.61E-06	2.52E-04	3.97E-08	1.38E-08	2.94E-02	4.63E-06	1.61E-06	2.89E-04	4.55E-08	1.58E-08	3.08E-02	4.85E-06	1.69E-06	1.42E-04	2.23E-08	7.79E-09
5846	488950.45, 3859761.05	3.11E-02	4.91E-06	1.71E-06	2.55E-04	4.01E-08	1.40E-08	3.12E-02	4.91E-06	1.71E-06	2.91E-04	4.58E-08	1.60E-08	3.27E-02	5.15E-06	1.79E-06	1.45E-04	2.28E-08	7.96E-09
5847	488858.94, 3859761.43	3.33E-02	5.25E-06	1.83E-06	2.59E-04	4.08E-08	1.42E-08	3.34E-02	5.25E-06	1.83E-06	2.95E-04	4.65E-08	1.62E-08	3.50E-02	5.51E-06	1.92E-06	1.50E-04	2.36E-08	8.21E-09
5848	488767.43, 3859761.82	3.63E-02	5.71E-06	1.99E-06	2.65E-04	4.17E-08	1.45E-08	3.63E-02	5.72E-06	1.99E-06	3.00E-04	4.73E-08	1.65E-08	3.81E-02	6.00E-06	2.09E-06	1.56E-04	2.46E-08	8.56E-09
5849	488675.92, 3859762.2	4.03E-02	6.34E-06	2.21E-06	2.74E-04	4.32E-08	1.51E-08	4.03E-02	6.35E-06	2.21E-06	3.10E-04	4.88E-08	1.70E-08	4.23E-02	6.66E-06	2.32E-06	1.66E-04	2.62E-08	9.12E-09
5850	488584.41, 3859762.58	4.62E-02	7.27E-06	2.53E-06	2.89E-04	4.55E-08	1.58E-08	4.62E-02	7.28E-06	2.54E-06	3.24E-04	5.11E-08	1.78E-08	4.85E-02	7.64E-06	2.66E-06	1.81E-04	2.86E-08	9.95E-09
5851	488492.9, 3859762.96	5.53E-02	8.71E-06	3.04E-06	3.03E-04	4.78E-08	1.66E-08	5.54E-02	8.72E-06	3.04E-06	3.38E-04	5.33E-08	1.86E-08	5.81E-02	9.15E-06	3.19E-06	1.97E-04	3.10E-08	1.08E-08
5852	488402.76, 3859830.95	7.13E-02	1.12E-05	3.91E-06	2.41E-04	3.80E-08	1.33E-08	7.13E-02	1.12E-05	3.91E-06	2.75E-04	4.33E-08	1.51E-08	7.51E-02	1.18E-05	4.12E-06	1.39E-04	2.20E-08	7.65E-09
5853	488404.14, 3859898.55	7.10E-02	1.12E-05	3.90E-06	2.20E-04	3.47E-08	1.21E-08	7.10E-02	1.12E-05	3.90E-06	2.53E-04	3.98E-08	1.39E-08	7.48E-02	1.18E-05	4.11E-06	1.22E-04	1.92E-08	6.69E-09
5854	488505.18, 3859964.96	5.99E-02	9.43E-06	3.29E-06	2.19E-04	3.45E-08	1.20E-08	5.99E-02	9.44E-06	3.29E-06	2.51E-04	3.95E-08	1.38E-08	6.31E-02	9.94E-06	3.46E-06	1.23E-04	1.94E-08	6.76E-09
5855	488604.85, 3859963.76	5.38E-02	8.48E-06	2.96E-06	2.24E-04	3.53E-08	1.23E-08	5.39E-02	8.49E-06	2.96E-06	2.56E-04	4.04E-08	1.41E-08	5.67E-02	8.93E-06	3.11E-06	1.27E-04	2.01E-08	6.99E-09
5856	488704.51, 3859962.56	4.89E-02	7.71E-06	2.68E-06	2.27E-04	3.58E-08	1.25E-08	4.90E-02	7.71E-06	2.69E-06	2.59E-04	4.08E-08	1.42E-08	5.15E-02	8.11E-06	2.83E-06	1.29E-04	2.03E-08	7.09E-09
5857	488804.18, 3859961.37	4.35E-02	6.85E-06	2.39E-06	2.28E-04	3.59E-08	1.25E-08	4.35E-02	6.85E-06	2.39E-06	2.60E-04	4.10E-08	1.43E-08	4.57E-02	7.20E-06	2.51E-06	1.29E-04	2.04E-08	7.10E-09
5858	488903.85, 3859960.17	3.79E-02	5.97E-06	2.08E-06	2.28E-04	3.59E-08	1.25E-08	3.80E-02	5.98E-06	2.08E-06	2.60E-04	4.10E-08	1.43E-08	3.99E-02	6.28E-06	2.19E-06	1.28E-04	2.02E-08	7.04E-09
5859	489003.52, 3859958.97	3.38E-02	5.32E-06	1.85E-06	2.27E-04	3.57E-08	1.24E-08	3.38E-02	5.32E-06	1.85E-06	2.59E-04	4.09E-08	1.42E-08	3.55E-02	5.59E-06	1.95E-06	1.27E-04	2.00E-08	6.96E-09
5860	489103.18, 3859957.77	3.07E-02	4.83E-06	1.68E-06	2.25E-04	3.55E-08	1.24E-08	3.07E-02	4.84E-06	1.68E-06	2.58E-04	4.07E-08	1.42E-08	3.22E-02	5.07E-06	1.77E-06	1.25E-04	1.97E-08	6.88E-09
5861	489201.48, 3860046.59	2.99E-02	4.72E-06	1.64E-06	2.14E-04	3.38E-08	1.18E-08	3.00E-02	4.72E-06	1.64E-06	2.46E-04	3.88E-08	1.35E-08	3.15E-02	4.95E-06	1.73E-06	1.18E-04	1.86E-08	6.47E-09
5862	489200.11, 3860136.61	3.21E-02	5.05E-06	1.76E-06	2.04E-04	3.21E-08	1.12E-08	3.21E-02	5.06E-06	1.76E-06	2.34E-04	3.69E-08	1.29E-08	3.37E-02	5.31E-06	1.85E-06	1.12E-04	1.76E-08	6.13E-09
5863	489198.74, 3860226.63	3.82E-02	6.01E-06	2.09E-06	1.95E-04	3.07E-08	1.07E-08	3.82E-02	6.02E-06	2.10E-06	2.24E-04	3.53E-08	1.23E-08	4.02E-02	6.33E-06	2.20E-06	1.06E-04	1.67E-08	5.83E-09
5864	489197.38, 3860316.66	5.58E-02	8.80E-06	3.06E-06	1.86E-04	2.93E-08	1.02E-08	5.59E-02	8.80E-06	3.07E-06	2.14E-04	3.37E-08	1.17E-08	5.88E-02	9.27E-06	3.23E-06	1.01E-04	1.59E-08	5.54E-09
5865	489196.01, 3860406.68	5.83E-02	9.18E-06	3.20E-06	1.77E-04	2.79E-08	9.72E-09	5.83E-02	9.19E-06	3.20E-06	2.04E-04	3.21E-08	1.12E-08	6.14E-02	9.68E-06	3.37E-06	9.56E-05	1.51E-08	5.25E-09
5866	489194.64, 3860496.7	5.33E-02	8.39E-06	2.92E-06	1.68E-04	2.65E-08	9.24E-09	5.33E-02	8.40E-06	2.93E-06	1.94E-04	3.06E-08	1.07E-08	5.61E-02	8.84E-06	3.08E-06	9.03E-05	1.42E-08	4.96E-09
5867	489193.27, 3860586.72	3.48E-02	5.48E-06	1.91E-06	1.61E-04	2.54E-08	8.83E-09	3.48E-02	5.49E-06	1.91E-06	1.86E-04	2.93E-08	1.02E-08	3.67E-02	5.77E-06	2.01E-06	8.59E-05	1.35E-08	4.71E-09
5868	489092.02, 3860678.13	2.03E-02	3.20E-06	1.12E-06	1.53E-04	2.41E-08	8.41E-09	2.04E-02	3.21E-06	1.12E-06	1.77E-04	2.79E-08	9.70E-09	2.14E-02	3.37E-06	1.17E-06	8.14E-05	1.28E-08	4.47E-09
5869	488992.13, 3860679.53	2.07E-02	3.26E-06	1.13E-06	1.52E-04	2.40E-08	8.35E-09	2.07E-02	3.26E-06	1.14E-06	1.76E-04	2.77E-08	9.64E-09	2.17E-02	3.42E-06	1.19E-06	8.10E-05	1.28E-08	4.44E-09
5870	488892.25, 3860680.92	2.08E-02	3.28E-06	1.14E-06	1.51E-04	2.38E-08	8.30E-09	2.08E-02	3.28E-06	1.14E-06	1.75E-04	2.75E-08	9.58E-09	2.19E-02	3.44E-06	1.20E-06	8.04E-05	1.27E-08	4.41E-09
5871	488792.36, 3860682.31	2.06E-02	3.24E-06	1.13E-06	1.50E-04	2.36E-08	8.22E-09	2.06E-02	3.25E-06	1.13E-06	1.73E-04	2.72E-08	9.49E-09	2.16E-02	3.41E-06	1.19E-06	7.96E-05	1.25E-08	4.37E-09
5872	488692.48, 3860683.7	2.03E-02	3.20E-06	1.12E-06	1.48E-04	2.34E-08	8.14E-09	2.04E-02	3.21E-06	1.12E-06	1.71E-04	2.70E-08	9.40E-09	2.14E-02	3.37E-06	1.17E-06	7.88E-05	1.24E-08	4.33E-09
5873	488592.59, 3860685.1	1.96E-02	3.09E-06	1.08E-06	1.46E-04	2.31E-08	8.03E-09	1.97E-02	3.10E-06	1.08E-06	1.69E-04	2.66E-08	9.28E-09	2.06E-02	3.25E-06	1.13E-06	7.78E-05	1.22E-08	4.27E-09
5874	488492.71, 3860686.49	1.94E-02	3.05E-06	1.06E-06	1.46E-04	2.30E-08	8.01E-09	1.94E-02	3.06E-06	1.07E-06	1.68E-04	2.65E-08	9.24E-09	2.04E-02	3.21E-06	1.12E-06	7.75E-05	1.22E-08	4.25E-09
5875	488299.07, 3860762.18	1.36E-02	2.15E-06	7.49E-07	1.42E-04	2.23E-08	7.78E-09	1.37E-02	2.15E-06	7.50E-07	1.64E-04	2.58E-08	8.99E-09	1.43E-02	2.25E-06	7.85E-07	7.51E-05	1.18E-08	4.12E-09
5876	488205.32, 3860764.09	1.29E-02	2.04E-06	7.11E-07	1.40E-04	2.21E-08	7.71E-09	1.30E-02	2.04E-06	7.12E-07	1.62E-04	2.56E-08	8.90E-09	1.36E-02	2.14E-06	7.45E-07	7.44E-05	1.17E-08	4.08E-09
5877	488111.56, 3860766	1.21E-02	1.90E-06	6.62E-07	1.39E-04	2.19E-08	7.63E-09	1.21E-02	1.90E-06	6.63E-07	1.61E-04	2.53E-08	8.81E-09	1.26E-02	1.99E-06	6.94E-07	7.36E-05	1.16E-08	4.04E-09
5878	488017.81, 3860767.91	1.11E-02	1.75E-06	6.10E-07	1.38E-04	2.17E-08	7.56E-09	1.11E-02	1.76E-06	6.11E-07	1.59E-04	2.51E-08	8.74E-09	1.16E-02	1.83E-06	6.39E-07	7.29E-05	1.15E-08	4.00E-09
5879	487924.06, 3860769.81	1.03E-02	1.62E-06	5.65E-07	1.37E-04	2.16E-08	7.52E-09	1.03E-02	1.63E-06	5.67E-07	1.58E-04	2.49E-08	8.68E-09	1.08E-02	1.70E-06	5.92E-07	7.24E-05	1.14E-08	3.97E-09
5880	487830.31, 3860771.72	9.61E-03	1.51E-06	5.27E-07	1.36E-04	2.15E-08	7.48E-09	9.63E-03	1.52E-06	5.28E-07	1.58E-04	2.48E-08	8.65E-09	1.01E-02	1.58E-06	5.52E-07	7.20E-05	1.13E-08	3.95E-09
5881	487736.55, 3860773.63	9.03E-03	1.42E-06	4.96E-07	1.36E-04	2.14E-08	7.45E-09	9.06E-03	1.43E-06	4.97E-07	1.57E-04	2.47E-08	8.61E-09	9.45E-03	1.49E-06	5.19E-07	7.17E-05	1.13E-08	3.93E-09
5882	487642.8, 3860775.54	8.55E-03	1.35E-06	4.69E-07	1.36E-04	2.14E-08	7.44E-09	8.57E-03	1.35E-06	4.71E-07	1.57E-04	2.47E-08	8.60E-09	8.94E-03	1.41E-06	4.91E-07	7.15E-05	1.13E-08	3.92E-09
5883	487549.48, 3860684.71	9.33E-03	1.47E-06	5.12E-07	1.40E-04	2.21E-08	7.70E-09	9.35E-03	1.47E-06	5.13E-07	1.62E-04	2.55E-08	8.90E-09	9.76E-03	1.54E-06	5.36E-07	7.40E-05	1.17E-08	4.06E-09
5884	487549.91, 3860591.97	1.08E-02	1.71E-06	5.95E-07	1.45E-04	2.28E-08	7.95E-09	1.09E-02	1.71E-06	5.97E-07	1.67E-04	2.64E-08	9.18E-09	1.14E-02	1.79E-06	6.23E-07	7.64E-05	1.20E-08	4.19E-09
5885	487550.34, 3860499.23	1.26E-02	1.99E-06	6.93E-07	1.50E-04	2.37E-08	8.25E-09	1.27E-02	1.99E-06	6.94E-07	1.74E-04	2.74E-08	9.53E-09	1.32E-02	2.08E-06	7.26E-07	7.94E-05	1.25E-08	4.36E-09
5886	487550.76, 3860406.49	1.41E-02	2.22E-06	7.75E-07	1.57E-04	2.47E-08	8.59E-09	1.41E-02	2.23E-06	7.76E-07	1.81E-04	2.85E-08	9.93E-09	1.48E-02	2.33E-06	8.13E-07	8.28E-05	1.30E-08	4.54E-09
5887	487551.19, 3860313.75	1.52E-02	2.39E-06	8.32E-07	1.63E-04	2.56E-08	8.93E-09	1.52E-02	2.39E-06	8.34E-07	1.88E-04	2.96E-08	1.03E-08	1.59E-02	2.51E-06	8.73E-07	8.62E-05	1.36E-08	4.73E-09
5888	487551.62, 3860221.01	1.61E-02	2.54E-06	8.84E-07	1.70E-04	2.67E-08	9.30E-09	1.61E-02	2.54E-06	8.85E-07	1.96E-04	3.08E-08	1.07E-08	1.69E-02	2.66E-06	9.27E-07	8.98E-05	1.42E-08	4.93E-09
5889	487552.05, 3860128.27	1.73E-02	2.72E-06	9.47E-07	1.78E-04	2.80E-08	9.75E-09	1.73E-02	2.72E-06	9.49E-07	2.05E-04	3.23E-08	1.13E-08	1.81E-02	2.85E-06	9.94E-07	9.42E-05	1.48E-08	5.17E-09
5890	487552.48, 3860035.53	1.83E-02	2.88E-06	1.00E-06	1.86E-04	2.93E-08	1.02E-08	1.83E-02	2.89E-06	1.01E-06	2.15E-04	3.39E-08	1.18E-08	1.92E-02	3.03E-06	1.05E-06	9.87E-05	1.56E-08	5.42E-09
5891	487552.91, 3859942.79	1.90E-02	3.00E-06	1.04E-06	1.94E-04	3.05E-08	1.06E-08	1.91E-02	3.00E-06	1.05E-06	2.24E-04	3.52E-08	1.23E-08	2.00E-02	3.14E-06	1.10E-06	1.03E-04	1.62E-08	5.64E-09
5892	487553.33, 3859850.05	2.04E-02	3.22E-06	1.12E-06	2.04E-04	3.21E-08	1.12E-08	2.05E-02	3.23E-06	1.12E-06	2.35E-04	3.70E-08	1.29E-08	2.15E-02	3.38E-06	1.18E-06	1.08E-04	1.70E-08	5.94E-09

5893	487553.76, 3859757.31	2.21E-02	3.48E-06	1.21E-06	2.13E-04	3.36E-08	1.17E-08	2.21E-02	3.49E-06	1.22E-06	2.46E-04	3.87E-08	1.35E-08	2.32E-02	3.66E-06	1.27E-06	1.13E-04	1.79E-08	6.22E-09
5894	487554.19, 3859664.57	2.50E-02	3.94E-06	1.37E-06	2.23E-04	3.52E-08	1.23E-08	2.50E-02	3.94E-06	1.37E-06	2.58E-04	4.06E-08	1.41E-08	2.62E-02	4.14E-06	1.44E-06	1.19E-04	1.87E-08	6.53E-09
5895	487460.2, 3859571.05	2.86E-02	4.51E-06	1.57E-06	2.32E-04	3.65E-08	1.27E-08	2.87E-02	4.52E-06	1.57E-06	2.68E-04	4.22E-08	1.47E-08	3.01E-02	4.74E-06	1.65E-06	1.23E-04	1.94E-08	6.76E-09
5896	487365.78, 3859570.27	2.65E-02	4.17E-06	1.45E-06	2.30E-04	3.62E-08	1.26E-08	2.65E-02	4.18E-06	1.46E-06	2.66E-04	4.18E-08	1.46E-08	2.78E-02	4.38E-06	1.53E-06	1.22E-04	1.92E-08	6.70E-09
5897	487271.36, 3859569.48	2.46E-02	3.88E-06	1.35E-06	2.28E-04	3.59E-08	1.25E-08	2.47E-02	3.89E-06	1.35E-06	2.63E-04	4.14E-08	1.44E-08	2.59E-02	4.07E-06	1.42E-06	1.21E-04	1.90E-08	6.62E-09
5898	487176.94, 3859568.7	2.27E-02	3.58E-06	1.25E-06	2.25E-04	3.55E-08	1.24E-08	2.28E-02	3.58E-06	1.25E-06	2.60E-04	4.10E-08	1.43E-08	2.38E-02	3.76E-06	1.31E-06	1.19E-04	1.88E-08	6.55E-09
5899	487082.51, 3859567.92	2.09E-02	3.29E-06	1.15E-06	2.24E-04	3.53E-08	1.23E-08	2.09E-02	3.29E-06	1.15E-06	2.59E-04	4.07E-08	1.42E-08	2.19E-02	3.45E-06	1.20E-06	1.18E-04	1.86E-08	6.50E-09
5900	486988.09, 3859567.14	1.90E-02	2.99E-06	1.04E-06	2.23E-04	3.51E-08	1.22E-08	1.90E-02	3.00E-06	1.04E-06	2.58E-04	4.06E-08	1.41E-08	1.99E-02	3.14E-06	1.09E-06	1.18E-04	1.86E-08	6.46E-09
5901	486893.67, 3859566.36	1.72E-02	2.71E-06	9.46E-07	2.23E-04	3.51E-08	1.22E-08	1.73E-02	2.72E-06	9.48E-07	2.58E-04	4.06E-08	1.41E-08	1.81E-02	2.84E-06	9.91E-07	1.18E-04	1.85E-08	6.46E-09
5902	486799.25, 3859565.58	1.56E-02	2.46E-06	8.57E-07	2.23E-04	3.52E-08	1.23E-08	1.57E-02	2.47E-06	8.59E-07	2.58E-04	4.06E-08	1.42E-08	1.63E-02	2.57E-06	8.97E-07	1.18E-04	1.86E-08	6.46E-09
5903	486704.83, 3859564.79	1.42E-02	2.23E-06	7.78E-07	2.24E-04	3.53E-08	1.23E-08	1.42E-02	2.24E-06	7.81E-07	2.59E-04	4.08E-08	1.42E-08	1.48E-02	2.34E-06	8.14E-07	1.18E-04	1.86E-08	6.48E-09
5904	486610.41, 3859564.01	1.29E-02	2.04E-06	7.10E-07	2.25E-04	3.54E-08	1.23E-08	1.30E-02	2.04E-06	7.12E-07	2.60E-04	4.10E-08	1.43E-08	1.35E-02	2.13E-06	7.41E-07	1.18E-04	1.87E-08	6.50E-09
5905	486515.99, 3859563.23	1.18E-02	1.86E-06	6.48E-07	2.25E-04	3.55E-08	1.24E-08	1.18E-02	1.86E-06	6.50E-07	2.61E-04	4.11E-08	1.43E-08	1.23E-02	1.94E-06	6.76E-07	1.19E-04	1.87E-08	6.51E-09
5906	486421.57, 3859562.45	1.09E-02	1.71E-06	5.97E-07	2.27E-04	3.57E-08	1.24E-08	1.09E-02	1.72E-06	5.99E-07	2.62E-04	4.13E-08	1.44E-08	1.13E-02	1.78E-06	6.22E-07	1.19E-04	1.88E-08	6.54E-09
5907	486327.14, 3859561.67	1.01E-02	1.59E-06	5.54E-07	2.28E-04	3.60E-08	1.25E-08	1.01E-02	1.60E-06	5.56E-07	2.64E-04	4.16E-08	1.45E-08	1.05E-02	1.66E-06	5.77E-07	1.20E-04	1.89E-08	6.59E-09
5908	486232.72, 3859560.89	9.39E-03	1.48E-06	5.16E-07	2.29E-04	3.61E-08	1.26E-08	9.43E-03	1.49E-06	5.18E-07	2.65E-04	4.17E-08	1.45E-08	9.77E-03	1.54E-06	5.36E-07	1.20E-04	1.90E-08	6.61E-09
5909	486138.3, 3859560.1	8.77E-03	1.38E-06	4.82E-07	2.30E-04	3.62E-08	1.26E-08	8.81E-03	1.39E-06	4.84E-07	2.65E-04	4.18E-08	1.46E-08	9.12E-03	1.44E-06	5.00E-07	1.21E-04	1.90E-08	6.62E-09
5910	486043.88, 3859559.32	8.21E-03	1.29E-06	4.50E-07	2.29E-04	3.61E-08	1.26E-08	8.24E-03	1.30E-06	4.52E-07	2.65E-04	4.18E-08	1.46E-08	8.52E-03	1.34E-06	4.67E-07	1.20E-04	1.90E-08	6.61E-09
5911	485949.35, 3859463.54	8.25E-03	1.30E-06	4.53E-07	2.41E-04	3.79E-08	1.32E-08	8.29E-03	1.31E-06	4.55E-07	2.78E-04	4.38E-08	1.53E-08	8.56E-03	1.35E-06	4.70E-07	1.26E-04	1.99E-08	6.93E-09
5912	485949.24, 3859368.55	8.89E-03	1.40E-06	4.88E-07	2.53E-04	3.99E-08	1.39E-08	8.93E-03	1.41E-06	4.90E-07	2.93E-04	4.62E-08	1.61E-08	9.22E-03	1.45E-06	5.06E-07	1.33E-04	2.10E-08	7.30E-09
5913	485949.12, 3859273.55	9.61E-03	1.51E-06	5.27E-07	2.68E-04	4.22E-08	1.47E-08	9.65E-03	1.52E-06	5.30E-07	3.09E-04	4.87E-08	1.70E-08	9.97E-03	1.57E-06	5.47E-07	1.41E-04	2.21E-08	7.71E-09
5914	485949.01, 3859178.56	1.04E-02	1.64E-06	5.70E-07	2.83E-04	4.46E-08	1.55E-08	1.04E-02	1.65E-06	5.73E-07	3.27E-04	5.15E-08	1.80E-08	1.08E-02	1.70E-06	5.92E-07	1.49E-04	2.34E-08	8.15E-09
5915	485948.9, 3859083.56	1.12E-02	1.77E-06	6.17E-07	3.00E-04	4.73E-08	1.65E-08	1.13E-02	1.78E-06	6.20E-07	3.47E-04	5.47E-08	1.91E-08	1.17E-02	1.84E-06	6.41E-07	1.58E-04	2.48E-08	8.66E-09
5916	485948.79, 3858988.56	1.20E-02	1.89E-06	6.59E-07	3.18E-04	5.02E-08	1.75E-08	1.21E-02	1.90E-06	6.62E-07	3.68E-04	5.80E-08	2.02E-08	1.25E-02	1.96E-06	6.84E-07	1.67E-04	2.63E-08	9.18E-09
5917	485948.67, 3858893.57	1.26E-02	1.98E-06	6.91E-07	3.38E-04	5.32E-08	1.85E-08	1.27E-02	1.99E-06	6.94E-07	3.91E-04	6.16E-08	2.15E-08	1.31E-02	2.06E-06	7.18E-07	1.77E-04	2.79E-08	9.73E-09
5918	485948.56, 3858798.57	1.30E-02	2.04E-06	7.12E-07	3.61E-04	5.69E-08	1.98E-08	1.30E-02	2.05E-06	7.16E-07	4.18E-04	6.58E-08	2.29E-08	1.35E-02	2.12E-06	7.39E-07	1.89E-04	2.98E-08	1.04E-08
5919	485948.45, 3858703.58	1.32E-02	2.08E-06	7.25E-07	3.83E-04	6.03E-08	2.10E-08	1.33E-02	2.09E-06	7.29E-07	4.43E-04	6.98E-08	2.43E-08	1.37E-02	2.16E-06	7.53E-07	2.01E-04	3.16E-08	1.10E-08
5920	485948.34, 3858608.58	1.35E-02	2.12E-06	7.39E-07	4.09E-04	6.45E-08	2.25E-08	1.35E-02	2.13E-06	7.43E-07	4.74E-04	7.46E-08	2.60E-08	1.40E-02	2.20E-06	7.66E-07	2.15E-04	3.38E-08	1.18E-08
5921	485948.22, 3858513.59	1.38E-02	2.17E-06	7.56E-07	4.39E-04	6.91E-08	2.41E-08	1.38E-02	2.18E-06	7.60E-07	5.08E-04	8.00E-08	2.79E-08	1.43E-02	2.25E-06	7.83E-07	2.30E-04	3.62E-08	1.26E-08
5922	485948.11, 3858418.59	1.42E-02	2.23E-06	7.78E-07	4.70E-04	7.41E-08	2.58E-08	1.43E-02	2.25E-06	7.82E-07	5.44E-04	8.57E-08	2.99E-08	1.47E-02	2.31E-06	8.05E-07	2.46E-04	3.88E-08	1.35E-08
5923	485948, 3858323.59	1.47E-02	2.31E-06	8.05E-07	5.08E-04	8.01E-08	2.79E-08	1.48E-02	2.32E-06	8.10E-07	5.88E-04	9.26E-08	3.23E-08	1.52E-02	2.39E-06	8.33E-07	2.66E-04	4.19E-08	1.46E-08
5924	485947.89, 3858228.6	1.52E-02	2.40E-06	8.35E-07	5.48E-04	8.63E-08	3.01E-08	1.53E-02	2.41E-06	8.40E-07	6.34E-04	9.99E-08	3.48E-08	1.57E-02	2.48E-06	8.62E-07	2.86E-04	4.51E-08	1.57E-08
5925	485947.77, 3858133.6	1.57E-02	2.48E-06	8.64E-07	5.91E-04	9.32E-08	3.25E-08	1.58E-02	2.50E-06	8.69E-07	6.85E-04	1.08E-07	3.76E-08	1.62E-02	2.56E-06	8.92E-07	3.09E-04	4.87E-08	1.70E-08
5926	485947.66, 3858038.61	1.64E-02	2.58E-06	8.99E-07	6.49E-04	1.02E-07	3.56E-08	1.65E-02	2.60E-06	9.05E-07	7.51E-04	1.18E-07	4.12E-08	1.69E-02	2.66E-06	9.27E-07	3.39E-04	5.34E-08	1.86E-08
5927	485854.54, 3857943.35	1.60E-02	2.52E-06	8.77E-07	6.90E-04	1.09E-07	3.78E-08	1.61E-02	2.54E-06	8.83E-07	7.98E-04	1.26E-07	4.38E-08	1.64E-02	2.59E-06	9.02E-07	3.60E-04	5.67E-08	1.98E-08
5928	485761.52, 3857943.09	1.46E-02	2.30E-06	8.00E-07	6.75E-04	1.06E-07	3.70E-08	1.47E-02	2.32E-06	8.07E-07	7.81E-04	1.23E-07	4.29E-08	1.50E-02	2.36E-06	8.22E-07	3.52E-04	5.55E-08	1.93E-08
5929	485668.51, 3857942.83	1.35E-02	2.13E-06	7.41E-07	6.62E-04	1.04E-07	3.63E-08	1.36E-02	2.14E-06	7.47E-07	7.67E-04	1.21E-07	4.21E-08	1.38E-02	2.18E-06	7.59E-07	3.46E-04	5.45E-08	1.90E-08
5930	485575.5, 3857942.56	1.26E-02	1.99E-06	6.94E-07	6.47E-04	1.02E-07	3.55E-08	1.27E-02	2.01E-06	7.00E-07	7.49E-04	1.18E-07	4.11E-08	1.29E-02	2.04E-06	7.10E-07	3.38E-04	5.32E-08	1.85E-08
5931	485482.48, 3857942.3	1.19E-02	1.88E-06	6.54E-07	6.35E-04	1.00E-07	3.48E-08	1.20E-02	1.89E-06	6.59E-07	7.35E-04	1.16E-07	4.03E-08	1.22E-02	1.92E-06	6.68E-07	3.31E-04	5.22E-08	1.82E-08
5932	485389.47, 3857942.04	1.13E-02	1.78E-06	6.19E-07	6.23E-04	9.81E-08	3.42E-08	1.14E-02	1.79E-06	6.25E-07	7.21E-04	1.14E-07	3.96E-08	1.15E-02	1.81E-06	6.32E-07	3.25E-04	5.12E-08	1.78E-08
5933	485296.46, 3857941.78	1.07E-02	1.69E-06	5.89E-07	6.12E-04	9.63E-08	3.36E-08	1.08E-02	1.71E-06	5.95E-07	7.08E-04	1.12E-07	3.89E-08	1.09E-02	1.72E-06	6.01E-07	3.19E-04	5.03E-08	1.75E-08
5934	485203.45, 3857941.52	1.02E-02	1.61E-06	5.62E-07	6.03E-04	9.49E-08	3.31E-08	1.03E-02	1.63E-06	5.67E-07	6.98E-04	1.10E-07	3.83E-08	1.04E-02	1.64E-06	5.72E-07	3.14E-04	4.95E-08	1.73E-08
5935	485110.43, 3857941.26	9.81E-03	1.54E-06	5.38E-07	5.91E-04	9.30E-08	3.24E-08	9.91E-03	1.56E-06	5.44E-07	6.84E-04	1.08E-07	3.75E-08	9.99E-03	1.57E-06	5.48E-07	3.08E-04	4.85E-08	1.69E-08
5936	485017.42, 3857940.99	9.42E-03	1.48E-06	5.17E-07	5.78E-04	9.10E-08	3.17E-08	9.52E-03	1.50E-06	5.22E-07	6.69E-04	1.05E-07	3.67E-08	9.58E-03	1.51E-06	5.26E-07	3.01E-04	4.75E-08	1.65E-08
5937	484924.41, 3857940.73	9.05E-03	1.43E-06	4.97E-07	5.65E-04	8.90E-08	3.10E-08	9.15E-03	1.44E-06	5.02E-07	6.54E-04	1.03E-07	3.59E-08	9.20E-03	1.45E-06	5.05E-07	2.95E-04	4.64E-08	1.62E-08
5938	484831.39, 3857940.47	8.70E-03	1.37E-06	4.77E-07	5.54E-04	8.72E-08	3.04E-08	8.79E-03	1.38E-06	4.82E-07	6.41E-04	1.01E-07	3.52E-08	8.84E-03	1.39E-06	4.85E-07	2.89E-04	4.55E-08	1.59E-08
5939	484738.12, 3857859.3	9.07E-03	1.43E-06	4.98E-07	5.71E-04	8.99E-08	3.13E-08	9.17E-03	1.44E-06	5.03E-07	6.61E-04	1.04E-07	3.63E-08	9.22E-03	1.45E-06	5.06E-07	2.98E-04	4.69E-08	1.63E-08
5940	484737.85, 3857778.4	9.96E-03	1.57E-06	5.47E-07	6.02E-04	9.49E-08	3.31E-08	1.01E-02	1.59E-06	5.52E-07	6.97E-04	1.10E-07	3.83E-08	1.01E-02	1.60E-06	5.57E-07	3.14E-04	4.95E-08	1.72E-08
5941	484737.59, 3857697.49	1.11E-02	1.75E-06	6.10E-07	6.34E-04	9.99E-08	3.48E-08	1.12E-02	1.77E-06	6.16E-07	7.34E-04	1.16E-07	4.03E-08	1.13E-02	1.79E-06	6.23E-07	3.31E-04	5.21E-08	1.81E-08
5942	484737.32, 3857616.59	1.27E-02	2.00E-06	6.97E-07	6.66E-04	1.05E-07	3.65E-08	1.28E-02	2.02E-06	7.04E-07	7.71E-04	1.21E-07	4.23E-08	1.30E-02	2.05E-06	7.13E-07	3.47E-04	5.47E-08	1.91E-08
5943	484645.53, 3857535.18	1.40E-02	2.20E-06	7.66E-07	6.79E-04	1.07E-07	3.73E-08	1.41E-02	2.22E-06	7.73E-07	7.87E-04	1.24E-07	4.32E-08	1.43E-02	2.26E-06	7.86E-07	3.54E-04	5.58E-08	1.94E-08
5944	484553.99, 3857534.67	1.31E-02	2.07E-06	7.20E-07	6.57E-04	1.03E-07	3.60E-08	1.32E-02	2.08E-06	7.26E-07	7.60E-04	1.20E-07	4.17E-08	1.34E-02	2.12E-06	7.38E-07	3.43E-04	5.40E-08	1.88E-08
5945	484462.46, 3857534.17	1.24E-02	1.95E-06	6.79E-07	6.37E-04	1.00E-07	3.49E-08	1.25E-02	1.97E-06	6.85E-07	7.37E-04	1.16E-07	4.05E-08	1.27E-02	1.99E-06	6.95E-07	3.32E-04	5.23E-08	1.82E-08
5946	484370.93, 3857533.66	1.17E-02	1.84E-06	6.42E-07	6.16E-04	9.71E-08	3.38E-08	1.18E-02	1.86E-06	6.48E-07	7.14E-04	1.12E-07	3.92E-08	1.20E-02	1.89E-06	6.57E-07	3.22E-04	5.06E-08	1.76E-08
5947	484279.4, 3857533.16	1.11E-02	1.74E-06	6.08E-07	5.97E-04	9.41E-08	3.28E-08	1.12E-02	1.76E-06	6.13E-07	6.91E-04	1.09E-07	3.79E-08	1.13E-02	1.78E-06	6.21E-07	3.12E-04	4.91E-08	1.71E-08
5948	484187.86, 3857532.65	1.05E-02	1.65E-06	5.76E-07	5.78E-04	9.10E-08	3.17E-08	1.06E-02	1.67E-06	5.82E-07	6.69E-04	1.05E-07	3.67E-08	1.07E-02	1.69E-06	5.88E-07	3.01E-04	4.75E-08	1.65E-08
5949	484096.33, 3857532.15	9.86E-03	1.55E-06	5.41E-07	5.60E-04	8.82E-08	3.07E-08	9.96E-03	1.57E-06	5.46E-07	6.48E-04	1.02E-07	3.56E-08	1.01E-02	1.59E-06	5.52E-07	2.92E-04	4.60E-08	1.60E-08
5950	484004.8, 3857531.64	9.39E-03	1.48E-06	5.15E-07	5.40E-04	8.51E-08	2.97E-08	9.48E-03	1.49E-06	5.20E-07	6.25E-04	9.85E-08	3.43E-08	9.58E-03	1.51E-06	5.26E-07	2.82E-04	4.44E-08	1.55E-08
5951	483913.27, 3857531.14	9.02E-03	1.42E-06	4.95E-07	5.20E-04	8.19E-08	2.85E-08	9.11E-03	1.43E-06	5.00E-07	6.02E-04	9.48E-08	3.30E-08	9.20E-03	1.45E-06	5.05E-07	2.71E-04	4.27E-08	1.49E-08
5952	483821.73, 3857530.63	8.57E-03	1.35E-06	4.70E-07	5.02E-04	7.91E-08	2.76E-08	8.65E-03	1.36E-06	4.75E-07	5.81E-04	9.16E-08	3.19E-08	8.73E-03	1.38E-06	4.79E-07	2.62E-04	4.13E-08	1.44E-08
5953	483729.61, 3857450.11	8.95E-03	1.41E-06	4.91E-07	5.03E-04	7.93E-08	2.76E-08	9.04E-03	1.42E-06	4.96E-07	5.83E-04	9.18E-08	3.20E-08	9.14E-03	1.44E-06	5.02E-07	2.63E-04	4.14E-08	1.44E-08
5954	483729.03, 3857370.08	9.81E-03	1.55E-06	5.38E-07	5.24E-04	8.25E-08	2.87E-08	9.90E-03	1.56E-06	5.43E-07	6.06E-04	9.55E-08	3.33E-08	1.00E-02	1.58E-06	5.50E-07	2.73E-04	4.31E-08	1.50E-08
5955	483728.44, 3857290.06	1.10E-02	1.73E-06	6.03E-07	5.42E-04	8.54E-08	2.97E-08	1.11E-02	1.75E-06	6.08E-07	6.27E-04	9.88E-08	3.44E-08	1.13E-02	1.78E-06	6.18E-07	2.83E-04	4.46E-08	1.55E-08
5956	483727.86, 3857210.03	1.26E-02	1.98E-06	6.90E-07	5.60E-04	8.82E-08	3.07E-08	1.27E-02	1.99E-06	6.95E-07	6.48E-04	1.02E-07	3.56E-08	1.29E-02	2.03E-06	7.09E-07	2.92E-04	4.60E-08	1.60E-08
5957	483641.15, 3857129.07	1.29E-02	2.03E-06	7.06E-07	5.58E-04	8.79E-08	3.06E-08	1.30E-02	2.04E-06	7.11E-07	6.46E-04	1.02E-07	3.54E-08	1.32E-02	2.08E-06	7.26E-07	2.91E-04	4.59E-08	1.60E-08
5958	483555.03, 3857128.14	1.15E-02	1.82E-06	6.33E-07	5.36E-04	8.45E-08	2.94E-08	1.16E-02	1.83E-06	6.38E-07	6.21E-04	9.78E-08	3.41E-08	1.18E-02	1.87E-06	6.50E-07	2.80E-04	4.41E-08	1.54E-08
5959	483468.91, 3857127.2	1.06E-02	1.67E-06	5.82E-07	5.12E-04	8.07E-08	2.81E-08	1.07E-02	1.68E-06	5.87E-07	5.93E-04	9.34E-08	3.25E-08	1.09E-02	1.71E-06	5.97E-07	2.68E-04	4.22E-08	1.47E-08

5960	483382.78, 3857126.26	9.62E-03	1.52E-06	5.28E-07	4.95E-04	7.80E-08	2.72E-08	9.71E-03	1.53E-06	5.33E-07	5.73E-04	9.02E-08	3.14E-08	9.85E-03	1.55E-06	5.41E-07	2.58E-04	4.07E-08	1.42E-08
5961	483296.66, 3857125.32	8.86E-03	1.40E-06	4.86E-07	4.76E-04	7.50E-08	2.61E-08	8.94E-03	1.41E-06	4.91E-07	5.51E-04	8.68E-08	3.02E-08	9.05E-03	1.43E-06	4.97E-07	2.49E-04	3.92E-08	1.36E-08
5962	483210.54, 3857124.39	8.20E-03	1.29E-06	4.50E-07	4.57E-04	7.20E-08	2.51E-08	8.28E-03	1.30E-06	4.54E-07	5.29E-04	8.34E-08	2.90E-08	8.37E-03	1.32E-06	4.60E-07	2.39E-04	3.76E-08	1.31E-08
5963	483123.4, 3857030.96	8.16E-03	1.29E-06	4.48E-07	4.53E-04	7.14E-08	2.49E-08	8.24E-03	1.30E-06	4.52E-07	5.25E-04	8.26E-08	2.88E-08	8.33E-03	1.31E-06	4.57E-07	2.37E-04	3.73E-08	1.30E-08
5964	483122.38, 3856938.46	8.70E-03	1.37E-06	4.78E-07	4.68E-04	7.38E-08	2.57E-08	8.78E-03	1.38E-06	4.82E-07	5.42E-04	8.54E-08	2.98E-08	8.89E-03	1.40E-06	4.88E-07	2.45E-04	3.85E-08	1.34E-08
5965	483121.35, 3856845.97	9.21E-03	1.45E-06	5.06E-07	4.84E-04	7.62E-08	2.65E-08	9.30E-03	1.46E-06	5.10E-07	5.60E-04	8.82E-08	3.07E-08	9.42E-03	1.48E-06	5.17E-07	2.53E-04	3.98E-08	1.39E-08
5966	483120.33, 3856753.47	9.89E-03	1.56E-06	5.43E-07	4.95E-04	7.79E-08	2.72E-08	9.98E-03	1.57E-06	5.48E-07	5.73E-04	9.02E-08	3.14E-08	1.01E-02	1.60E-06	5.56E-07	2.58E-04	4.07E-08	1.42E-08
5967	483119.31, 3856660.98	1.05E-02	1.66E-06	5.78E-07	5.06E-04	7.98E-08	2.78E-08	1.06E-02	1.67E-06	5.83E-07	5.86E-04	9.23E-08	3.22E-08	1.08E-02	1.70E-06	5.93E-07	2.65E-04	4.17E-08	1.45E-08
5968	483118.29, 3856568.49	1.10E-02	1.73E-06	6.04E-07	5.21E-04	8.20E-08	2.86E-08	1.11E-02	1.75E-06	6.09E-07	6.02E-04	9.49E-08	3.31E-08	1.13E-02	1.78E-06	6.20E-07	2.72E-04	4.29E-08	1.49E-08
5969	483117.26, 3856475.99	1.13E-02	1.79E-06	6.23E-07	5.36E-04	8.45E-08	2.94E-08	1.14E-02	1.80E-06	6.28E-07	6.20E-04	9.77E-08	3.41E-08	1.16E-02	1.83E-06	6.39E-07	2.80E-04	4.42E-08	1.54E-08
5970	483116.24, 3856383.5	1.18E-02	1.85E-06	6.46E-07	5.50E-04	8.67E-08	3.02E-08	1.19E-02	1.87E-06	6.51E-07	6.37E-04	1.00E-07	3.49E-08	1.21E-02	1.90E-06	6.63E-07	2.88E-04	4.53E-08	1.58E-08
5971	483115.22, 3856291.01	1.22E-02	1.92E-06	6.69E-07	5.64E-04	8.89E-08	3.10E-08	1.23E-02	1.93E-06	6.74E-07	6.53E-04	1.03E-07	3.58E-08	1.25E-02	1.97E-06	6.86E-07	2.95E-04	4.65E-08	1.62E-08
5972	483114.2, 3856198.51	1.28E-02	2.02E-06	7.04E-07	5.75E-04	9.07E-08	3.16E-08	1.29E-02	2.04E-06	7.09E-07	6.66E-04	1.05E-07	3.65E-08	1.32E-02	2.08E-06	7.23E-07	3.01E-04	4.75E-08	1.65E-08
5973	483113.17, 3856106.02	1.30E-02	2.05E-06	7.15E-07	5.90E-04	9.30E-08	3.24E-08	1.31E-02	2.07E-06	7.21E-07	6.83E-04	1.08E-07	3.75E-08	1.34E-02	2.11E-06	7.35E-07	3.09E-04	4.87E-08	1.70E-08
5974	483112.15, 3856013.52	1.38E-02	2.18E-06	7.60E-07	5.98E-04	9.42E-08	3.28E-08	1.40E-02	2.20E-06	7.66E-07	6.92E-04	1.09E-07	3.80E-08	1.42E-02	2.24E-06	7.82E-07	3.13E-04	4.93E-08	1.72E-08
5975	483029.25, 3855920.47	1.26E-02	1.98E-06	6.91E-07	5.72E-04	9.01E-08	3.14E-08	1.27E-02	2.00E-06	6.96E-07	6.62E-04	1.04E-07	3.63E-08	1.29E-02	2.04E-06	7.10E-07	2.99E-04	4.71E-08	1.64E-08
5976	482947.37, 3855919.91	1.10E-02	1.74E-06	6.06E-07	5.43E-04	8.55E-08	2.98E-08	1.11E-02	1.75E-06	6.11E-07	6.28E-04	9.90E-08	3.45E-08	1.13E-02	1.78E-06	6.21E-07	2.84E-04	4.47E-08	1.56E-08
5977	482865.49, 3855919.36	9.96E-03	1.57E-06	5.46E-07	5.15E-04	8.12E-08	2.83E-08	1.00E-02	1.58E-06	5.51E-07	5.96E-04	9.39E-08	3.27E-08	1.02E-02	1.61E-06	5.59E-07	2.69E-04	4.24E-08	1.48E-08
5978	482783.61, 3855918.8	8.90E-03	1.40E-06	4.88E-07	4.92E-04	7.75E-08	2.70E-08	8.98E-03	1.41E-06	4.93E-07	5.70E-04	8.97E-08	3.13E-08	9.08E-03	1.43E-06	4.99E-07	2.57E-04	4.05E-08	1.41E-08
5979	482700.33, 3855818.39	8.56E-03	1.35E-06	4.70E-07	4.68E-04	7.38E-08	2.57E-08	8.64E-03	1.36E-06	4.74E-07	5.42E-04	8.54E-08	2.97E-08	8.74E-03	1.38E-06	4.80E-07	2.45E-04	3.86E-08	1.34E-08
5980	482698.92, 3855718.54	9.07E-03	1.43E-06	4.98E-07	4.68E-04	7.37E-08	2.57E-08	9.15E-03	1.44E-06	5.02E-07	5.42E-04	8.53E-08	2.97E-08	9.29E-03	1.46E-06	5.10E-07	2.45E-04	3.85E-08	1.34E-08
5981	482697.52, 3855618.68	9.78E-03	1.54E-06	5.37E-07	4.65E-04	7.33E-08	2.55E-08	9.86E-03	1.55E-06	5.41E-07	5.39E-04	8.48E-08	2.96E-08	1.00E-02	1.58E-06	5.51E-07	2.43E-04	3.83E-08	1.33E-08
5982	482696.11, 3855518.83	9.51E-03	1.50E-06	5.22E-07	4.65E-04	7.32E-08	2.55E-08	9.59E-03	1.51E-06	5.26E-07	5.38E-04	8.47E-08	2.95E-08	9.75E-03	1.54E-06	5.35E-07	2.43E-04	3.82E-08	1.33E-08
5983	482694.71, 3855418.98	9.29E-03	1.46E-06	5.10E-07	4.58E-04	7.21E-08	2.51E-08	9.37E-03	1.48E-06	5.14E-07	5.30E-04	8.35E-08	2.91E-08	9.52E-03	1.50E-06	5.23E-07	2.39E-04	3.77E-08	1.31E-08
5984	482693.3, 3855319.13	8.76E-03	1.38E-06	4.81E-07	4.49E-04	7.07E-08	2.46E-08	8.84E-03	1.39E-06	4.85E-07	5.20E-04	8.19E-08	2.85E-08	8.97E-03	1.41E-06	4.92E-07	2.34E-04	3.69E-08	1.29E-08
5985	482691.9, 3855219.27	7.81E-03	1.23E-06	4.29E-07	4.41E-04	6.95E-08	2.42E-08	7.88E-03	1.24E-06	4.33E-07	5.10E-04	8.04E-08	2.80E-08	7.97E-03	1.26E-06	4.37E-07	2.30E-04	3.63E-08	1.26E-08
5986	482690.49, 3855119.42	7.25E-03	1.14E-06	3.98E-07	4.30E-04	6.77E-08	2.36E-08	7.33E-03	1.15E-06	4.02E-07	4.97E-04	7.83E-08	2.73E-08	7.39E-03	1.16E-06	4.06E-07	2.25E-04	3.54E-08	1.23E-08
5987	482689.09, 3855019.57	6.05E-03	9.53E-07	3.32E-07	4.21E-04	6.63E-08	2.31E-08	6.12E-03	9.65E-07	3.36E-07	4.87E-04	7.67E-08	2.67E-08	6.12E-03	9.65E-07	3.36E-07	2.21E-04	3.47E-08	1.21E-08
5988	482687.68, 3854919.72	4.72E-03	7.43E-07	2.59E-07	4.06E-04	6.39E-08	2.23E-08	4.79E-03	7.54E-07	2.63E-07	4.69E-04	7.39E-08	2.57E-08	4.73E-03	7.45E-07	2.59E-07	2.13E-04	3.35E-08	1.17E-08
5989	482686.28, 3854819.86	3.53E-03	5.55E-07	1.93E-07	3.89E-04	6.13E-08	2.14E-08	3.59E-03	5.66E-07	1.97E-07	4.50E-04	7.10E-08	2.47E-08	3.48E-03	5.48E-07	1.91E-07	2.04E-04	3.21E-08	1.12E-08
5990	482684.88, 3854720.01	2.90E-03	4.57E-07	1.59E-07	3.67E-04	5.78E-08	2.01E-08	2.97E-03	4.67E-07	1.63E-07	4.25E-04	6.69E-08	2.33E-08	2.84E-03	4.47E-07	1.56E-07	1.92E-04	3.02E-08	1.05E-08
5991	482683.47, 3854620.16	2.43E-03	3.82E-07	1.33E-07	3.47E-04	5.46E-08	1.90E-08	2.49E-03	3.92E-07	1.36E-07	4.01E-04	6.32E-08	2.20E-08	2.35E-03	3.70E-07	1.29E-07	1.81E-04	2.86E-08	9.95E-09
5992	482682.07, 3854520.31	2.14E-03	3.37E-07	1.17E-07	3.26E-04	5.14E-08	1.79E-08	2.19E-03	3.46E-07	1.20E-07	3.77E-04	5.95E-08	2.07E-08	2.05E-03	3.24E-07	1.13E-07	1.70E-04	2.68E-08	9.35E-09
5993	482680.66, 3854420.45	1.93E-03	3.04E-07	1.06E-07	3.09E-04	4.86E-08	1.69E-08	1.99E-03	3.13E-07	1.09E-07	3.57E-04	5.63E-08	1.96E-08	1.85E-03	2.91E-07	1.01E-07	1.61E-04	2.54E-08	8.84E-09
5994	482679.26, 3854320.6	1.78E-03	2.80E-07	9.74E-08	2.94E-04	4.63E-08	1.61E-08	1.83E-03	2.88E-07	1.00E-07	3.40E-04	5.36E-08	1.87E-08	1.69E-03	2.66E-07	9.28E-08	1.53E-04	2.42E-08	8.42E-09
5995	482677.85, 3854220.75	1.60E-03	2.52E-07	8.79E-08	2.84E-04	4.47E-08	1.56E-08	1.65E-03	2.60E-07	9.06E-08	3.28E-04	5.17E-08	1.80E-08	1.51E-03	2.39E-07	8.31E-08	1.48E-04	2.33E-08	8.12E-09
5996	482676.45, 3854120.9	1.52E-03	2.40E-07	8.36E-08	2.67E-04	4.21E-08	1.47E-08	1.57E-03	2.47E-07	8.61E-08	3.09E-04	4.87E-08	1.70E-08	1.44E-03	2.27E-07	7.91E-08	1.39E-04	2.20E-08	7.65E-09
5997	482675.04, 3854021.04	1.43E-03	2.26E-07	7.87E-08	2.50E-04	3.93E-08	1.37E-08	1.48E-03	2.33E-07	8.11E-08	2.89E-04	4.55E-08	1.59E-08	1.36E-03	2.14E-07	7.46E-08	1.30E-04	2.05E-08	7.15E-09
5998	482673.64, 3853921.19	1.35E-03	2.13E-07	7.42E-08	2.30E-04	3.63E-08	1.26E-08	1.39E-03	2.19E-07	7.63E-08	2.67E-04	4.20E-08	1.46E-08	1.28E-03	2.02E-07	7.04E-08	1.20E-04	1.89E-08	6.60E-09
5999	482672.23, 3853821.34	1.26E-03	1.99E-07	6.92E-08	2.12E-04	3.35E-08	1.17E-08	1.30E-03	2.04E-07	7.12E-08	2.46E-04	3.87E-08	1.35E-08	1.20E-03	1.89E-07	6.58E-08	1.11E-04	1.75E-08	6.09E-09
6000	482670.83, 3853721.49	1.18E-03	1.86E-07	6.47E-08	1.96E-04	3.09E-08	1.08E-08	1.21E-03	1.91E-07	6.66E-08	2.27E-04	3.58E-08	1.25E-08	1.12E-03	1.77E-07	6.16E-08	1.02E-04	1.61E-08	5.62E-09
6001	482669.42, 3853621.63	1.11E-03	1.75E-07	6.11E-08	1.83E-04	2.88E-08	1.00E-08	1.14E-03	1.80E-07	6.28E-08	2.12E-04	3.34E-08	1.16E-08	1.06E-03	1.67E-07	5.82E-08	9.56E-05	1.51E-08	5.25E-09
6002	482645.99, 3853446.13	1.02E-03	1.60E-07	5.58E-08	1.72E-04	2.70E-08	9.41E-09	1.05E-03	1.65E-07	5.75E-08	1.99E-04	3.13E-08	1.09E-08	9.67E-04	1.52E-07	5.31E-08	8.96E-05	1.41E-08	4.92E-09
6003	482623.97, 3853370.49	9.84E-04	1.55E-07	5.40E-08	1.69E-04	2.67E-08	9.29E-09	1.01E-03	1.60E-07	5.56E-08	1.96E-04	3.09E-08	1.07E-08	9.33E-04	1.47E-07	5.12E-08	8.84E-05	1.39E-08	4.85E-09
6004	482601.94, 3853294.84	9.54E-04	1.50E-07	5.23E-08	1.68E-04	2.65E-08	9.24E-09	9.83E-04	1.55E-07	5.39E-08	1.95E-04	3.07E-08	1.07E-08	9.02E-04	1.42E-07	4.95E-08	8.79E-05	1.39E-08	4.83E-09
6005	482531.29, 3853133.44	8.91E-04	1.40E-07	4.89E-08	1.66E-04	2.62E-08	9.11E-09	9.19E-04	1.45E-07	5.05E-08	1.92E-04	3.03E-08	1.06E-08	8.37E-04	1.32E-07	4.59E-08	8.67E-05	1.37E-08	4.76E-09
6006	482482.68, 3853047.69	8.57E-04	1.35E-07	4.70E-08	1.64E-04	2.58E-08	9.00E-09	8.85E-04	1.39E-07	4.86E-08	1.90E-04	2.99E-08	1.04E-08	8.02E-04	1.26E-07	4.40E-08	8.56E-05	1.35E-08	4.70E-09
6007	482383.09, 3852897.4	8.06E-04	1.27E-07	4.43E-08	1.58E-04	2.48E-08	8.64E-09	8.33E-04	1.31E-07	4.57E-08	1.82E-04	2.87E-08	1.00E-08	7.53E-04	1.19E-07	4.13E-08	8.22E-05	1.29E-08	4.51E-09
6008	482265.64, 3852765.26	7.63E-04	1.20E-07	4.19E-08	1.49E-04	2.35E-08	8.18E-09	7.88E-04	1.24E-07	4.33E-08	1.73E-04	2.72E-08	9.47E-09	7.12E-04	1.12E-07	3.91E-08	7.78E-05	1.23E-08	4.27E-09
6009	482199.16, 3852697.66	7.42E-04	1.17E-07	4.07E-08	1.45E-04	2.28E-08	7.94E-09	7.66E-04	1.21E-07	4.21E-08	1.67E-04	2.64E-08	9.19E-09	6.92E-04	1.09E-07	3.80E-08	7.55E-05	1.19E-08	4.14E-09
6010	482132.69, 3852630.07	7.21E-04	1.14E-07	3.96E-08	1.40E-04	2.21E-08	7.71E-09	7.45E-04	1.17E-07	4.09E-08	1.63E-04	2.56E-08	8.93E-09	6.73E-04	1.06E-07	3.70E-08	7.33E-05	1.16E-08	4.02E-09
6011	482066.21, 3852562.48	7.02E-04	1.11E-07	3.85E-08	1.36E-04	2.15E-08	7.49E-09	7.26E-04	1.14E-07	3.98E-08	1.58E-04	2.49E-08	8.67E-09	6.56E-04	1.03E-07	3.60E-08	7.12E-05	1.12E-08	3.91E-09
6012	481999.74, 3852494.89	6.86E-04	1.08E-07	3.76E-08	1.33E-04	2.09E-08	7.27E-09	7.08E-04	1.12E-07	3.89E-08	1.53E-04	2.42E-08	8.42E-09	6.41E-04	1.01E-07	3.52E-08	6.92E-05	1.09E-08	3.80E-09
6013	481933.26, 3852427.29	6.71E-04	1.06E-07	3.68E-08	1.29E-04	2.03E-08	7.07E-09	6.93E-04	1.09E-07	3.80E-08	1.49E-04	2.35E-08	8.18E-09	6.27E-04	9.88E-08	3.44E-08	6.72E-05	1.06E-08	3.69E-09
6014	481866.79, 3852359.7	6.55E-04	1.03E-07	3.59E-08	1.25E-04	1.98E-08	6.88E-09	6.76E-04	1.07E-07	3.71E-08	1.45E-04	2.29E-08	7.97E-09	6.13E-04	9.65E-08	3.36E-08	6.55E-05	1.03E-08	3.59E-09
6015	481800.31, 3852292.11	6.39E-04	1.01E-07	3.51E-08	1.22E-04	1.93E-08	6.71E-09	6.60E-04	1.04E-07	3.62E-08	1.42E-04	2.23E-08	7.77E-09	5.99E-04	9.43E-08	3.28E-08	6.38E-05	1.01E-08	3.50E-09
6016	481733.84, 3852224.52	6.26E-04	9.86E-08	3.44E-08	1.19E-04	1.88E-08	6.54E-09	6.46E-04	1.02E-07	3.55E-08	1.38E-04	2.17E-08	7.57E-09	5.86E-04	9.24E-08	3.22E-08	6.22E-05	9.80E-09	3.41E-09
6017	481667.36, 3852156.92	6.12E-04	9.64E-08	3.36E-08	1.16E-04	1.83E-08	6.38E-09	6.32E-04	9.95E-08	3.47E-08	1.35E-04	2.12E-08	7.39E-09	5.73E-04	9.03E-08	3.14E-08	6.07E-05	9.56E-09	3.33E-09
6018	481600.89, 3852089.33	6.02E-04	9.49E-08	3.30E-08	1.13E-04	1.78E-08	6.21E-09	6.22E-04	9.79E-08	3.41E-08	1.31E-04	2.06E-08	7.19E-09	5.65E-04	8.90E-08	3.10E-08	5.91E-05	9.31E-09	3.24E-09
6019	481534.41, 3852021.74	5.94E-04	9.36E-08	3.26E-08	1.10E-04	1.74E-08	6.05E-09	6.13E-04	9.66E-08	3.37E-08	1.28E-04	2.01E-08	7.00E-09	5.58E-04	8.80E-08	3.06E-08	5.76E-05	9.07E-09	3.16E-09
6020	481467.94, 3851954.15	5.86E-04	9.23E-08	3.21E-08	1.07E-04	1.69E-08	5.90E-09	6.04E-04	9.52E-08	3.32E-08	1.24E-04	1.96E-08	6.83E-09	5.51E-04	8.68E-08	3.02E-08	5.61E-05	8.84E-09	3.08E-09
6021	481401.46, 3851886.55	5.75E-04	9.06E-08	3.16E-08	1.05E-04	1.65E-08	5.76E-09	5.93E-04	9.35E-08	3.26E-08	1.21E-04	1.91E-08	6.67E-09	5.42E-04	8.53E-08	2.97E-08	5.48E-05	8.63E-09	3.01E-09
6022	481265.87, 3851761.43	5.60E-04	8.82E-08	3.07E-08	9.96E-05	1.57E-08	5.47E-09	5.77E-04	9.09E-08	3.17E-08	1.15E-04	1.82E-08	6.33E-09	5.29E-04	8.33E-08	2.90E-08	5.20E-05	8.20E-09	2.86E-09
6023	481196.74, 3851703.89	5.52E-04	8.69E-08	3.03E-08	9.70E-05	1.53E-08	5.33E-09	5.69E-04	8.96E-08	3.12E-08	1.12E-04	1.77E-08	6.16E-09	5.22E-04	8.22E-08	2.86E-08	5.07E-05	7.98E-09	2.78E-09
6024	481076.33, 3851619.05	5.40E-04	8.51E-08	2.97E-08	9.24E-05	1.46E-08	5.07E-09	5.56E-04	8.76E-08	3.05E-08	1.07E-04	1.68E-08	5.87E-09	5.12E-04	8.07E-08	2.81E-08	4.83E-05	7.60E-09	2.65E-09
6025	480939.8, 3851549.07	5.27E-04	8.30E-08	2.89E-08	8.69E-05	1.37E-08	4.77E-09	5.42E-04	8.53E-08	2.97E-08	1.01E-04	1.58E-08	5.52E-09	5.01E-04	7.90E-08	2.75E-08	4.54E-05	7.15E-09	2.49E-09
6026	480854.56, 3851506.41	5.18E-04	8.16E-08	2.84E-08	8.34E-05	1.31E-08	4.58E-09	5.32E-04	8.39E-08	2.92E-08	9.66E-05	1.52E-08	5.30E-09	4.95E-04	7.79E-08	2.71E-08	4.36E-05	6.87E-09	2.39E-09

6027	480769.32, 3851463.75	5.09E-04	8.01E-08	2.79E-08	8.02E-05	1.26E-08	4.40E-09	5.22E-04	8.23E-08	2.87E-08	9.28E-05	1.46E-08	5.09E-09	4.87E-04	7.67E-08	2.67E-08	4.19E-05	6.60E-09	2.30E-09
6028	480684.08, 3851421.08	5.00E-04	7.87E-08	2.74E-08	7.70E-05	1.21E-08	4.23E-09	5.13E-04	8.08E-08	2.81E-08	8.91E-05	1.40E-08	4.89E-09	4.79E-04	7.55E-08	2.63E-08	4.03E-05	6.34E-09	2.21E-09
6029	480598.84, 3851378.42	4.93E-04	7.77E-08	2.71E-08	7.40E-05	1.17E-08	4.06E-09	5.06E-04	7.97E-08	2.78E-08	8.57E-05	1.35E-08	4.70E-09	4.74E-04	7.47E-08	2.60E-08	3.87E-05	6.10E-09	2.12E-09
6030	480435.71, 3851275.01	4.78E-04	7.53E-08	2.62E-08	6.92E-05	1.09E-08	3.80E-09	4.90E-04	7.72E-08	2.69E-08	8.01E-05	1.26E-08	4.39E-09	4.61E-04	7.26E-08	2.53E-08	3.62E-05	5.70E-09	1.99E-09
6031	480347.85, 3851232.36	4.72E-04	7.44E-08	2.59E-08	6.65E-05	1.05E-08	3.65E-09	4.84E-04	7.62E-08	2.65E-08	7.70E-05	1.21E-08	4.23E-09	4.57E-04	7.19E-08	2.51E-08	3.48E-05	5.48E-09	1.91E-09
6032	480260, 3851189.72	4.67E-04	7.35E-08	2.56E-08	6.41E-05	1.01E-08	3.52E-09	4.78E-04	7.53E-08	2.62E-08	7.41E-05	1.17E-08	4.07E-09	4.52E-04	7.12E-08	2.48E-08	3.35E-05	5.28E-09	1.84E-09
6033	480172.15, 3851147.07	4.61E-04	7.26E-08	2.53E-08	6.18E-05	9.74E-09	3.39E-09	4.71E-04	7.43E-08	2.59E-08	7.15E-05	1.13E-08	3.93E-09	4.47E-04	7.05E-08	2.46E-08	3.24E-05	5.10E-09	1.78E-09
6034	480084.29, 3851104.42	4.54E-04	7.16E-08	2.49E-08	5.97E-05	9.41E-09	3.28E-09	4.65E-04	7.32E-08	2.55E-08	6.91E-05	1.09E-08	3.79E-09	4.42E-04	6.96E-08	2.43E-08	3.13E-05	4.93E-09	1.72E-09
6035	479996.44, 3851061.77	4.48E-04	7.05E-08	2.46E-08	5.78E-05	9.11E-09	3.17E-09	4.58E-04	7.21E-08	2.51E-08	6.69E-05	1.05E-08	3.67E-09	4.36E-04	6.87E-08	2.39E-08	3.03E-05	4.77E-09	1.66E-09
6036	479908.58, 3851019.13	4.35E-04	6.85E-08	2.39E-08	5.61E-05	8.83E-09	3.08E-09	4.44E-04	7.00E-08	2.44E-08	6.49E-05	1.02E-08	3.56E-09	4.23E-04	6.67E-08	2.32E-08	2.94E-05	4.63E-09	1.61E-09
6037	479820.73, 3850976.48	4.29E-04	6.76E-08	2.36E-08	5.45E-05	8.58E-09	2.99E-09	4.38E-04	6.91E-08	2.41E-08	6.30E-05	9.93E-09	3.46E-09	4.19E-04	6.59E-08	2.30E-08	2.85E-05	4.50E-09	1.57E-09
6038	479732.88, 3850933.83	4.25E-04	6.69E-08	2.33E-08	5.31E-05	8.36E-09	2.91E-09	4.34E-04	6.83E-08	2.38E-08	6.14E-05	9.67E-09	3.37E-09	4.15E-04	6.53E-08	2.28E-08	2.78E-05	4.38E-09	1.53E-09
6039	479645.02, 3850891.18	4.21E-04	6.63E-08	2.31E-08	5.18E-05	8.15E-09	2.84E-09	4.30E-04	6.77E-08	2.36E-08	5.99E-05	9.43E-09	3.29E-09	4.12E-04	6.48E-08	2.26E-08	2.71E-05	4.27E-09	1.49E-09
6040	479557.17, 3850848.54	4.19E-04	6.60E-08	2.30E-08	5.06E-05	7.97E-09	2.78E-09	4.28E-04	6.74E-08	2.35E-08	5.85E-05	9.22E-09	3.21E-09	4.10E-04	6.46E-08	2.25E-08	2.65E-05	4.18E-09	1.45E-09
6041	479469.32, 3850805.89	4.13E-04	6.50E-08	2.27E-08	4.95E-05	7.80E-09	2.72E-09	4.21E-04	6.64E-08	2.31E-08	5.73E-05	9.02E-09	3.14E-09	4.04E-04	6.37E-08	2.22E-08	2.60E-05	4.09E-09	1.42E-09
6042	479381.46, 3850763.24	4.13E-04	6.50E-08	2.27E-08	4.86E-05	7.66E-09	2.67E-09	4.21E-04	6.64E-08	2.31E-08	5.62E-05	8.86E-09	3.09E-09	4.05E-04	6.38E-08	2.22E-08	2.55E-05	4.01E-09	1.40E-09
6043	479293.61, 3850720.59	4.16E-04	6.55E-08	2.28E-08	4.77E-05	7.52E-09	2.62E-09	4.24E-04	6.68E-08	2.33E-08	5.52E-05	8.70E-09	3.03E-09	4.09E-04	6.44E-08	2.24E-08	2.50E-05	3.94E-09	1.37E-09
6044	479205.76, 3850677.95	4.17E-04	6.57E-08	2.29E-08	4.70E-05	7.40E-09	2.58E-09	4.25E-04	6.70E-08	2.33E-08	5.44E-05	8.57E-09	2.98E-09	4.10E-04	6.47E-08	2.25E-08	2.46E-05	3.88E-09	1.35E-09
6045	479117.9, 3850635.3	4.20E-04	6.61E-08	2.30E-08	4.63E-05	7.29E-09	2.54E-09	4.28E-04	6.74E-08	2.35E-08	5.36E-05	8.44E-09	2.94E-09	4.14E-04	6.52E-08	2.27E-08	2.43E-05	3.82E-09	1.33E-09
6046	479030.05, 3850592.65	4.20E-04	6.61E-08	2.30E-08	4.56E-05	7.19E-09	2.50E-09	4.27E-04	6.73E-08	2.35E-08	5.28E-05	8.32E-09	2.90E-09	4.14E-04	6.52E-08	2.27E-08	2.39E-05	3.77E-09	1.31E-09
6047	478942.19, 3850550	4.13E-04	6.51E-08	2.27E-08	4.50E-05	7.10E-09	2.47E-09	4.21E-04	6.63E-08	2.31E-08	5.21E-05	8.21E-09	2.86E-09	4.08E-04	6.42E-08	2.24E-08	2.36E-05	3.72E-09	1.30E-09
6048	478854.34, 3850507.36	3.96E-04	6.24E-08	2.17E-08	4.39E-05	6.92E-09	2.41E-09	4.03E-04	6.36E-08	2.21E-08	5.08E-05	8.00E-09	2.79E-09	3.90E-04	6.15E-08	2.14E-08	2.30E-05	3.63E-09	1.26E-09
6049	478766.49, 3850464.71	3.88E-04	6.12E-08	2.13E-08	4.32E-05	6.81E-09	2.37E-09	3.96E-04	6.23E-08	2.17E-08	5.00E-05	7.87E-09	2.74E-09	3.82E-04	6.02E-08	2.10E-08	2.27E-05	3.57E-09	1.24E-09
6050	478678.63, 3850422.06	3.83E-04	6.03E-08	2.10E-08	4.27E-05	6.72E-09	2.34E-09	3.90E-04	6.15E-08	2.14E-08	4.94E-05	7.78E-09	2.71E-09	3.77E-04	5.94E-08	2.07E-08	2.24E-05	3.53E-09	1.23E-09
6051	478590.78, 3850379.41	3.76E-04	5.93E-08	2.07E-08	4.22E-05	6.65E-09	2.32E-09	3.84E-04	6.04E-08	2.11E-08	4.88E-05	7.69E-09	2.68E-09	3.70E-04	5.84E-08	2.03E-08	2.21E-05	3.49E-09	1.21E-09
6052	478502.93, 3850336.77	3.72E-04	5.86E-08	2.04E-08	4.18E-05	6.58E-09	2.29E-09	3.79E-04	5.97E-08	2.08E-08	4.83E-05	7.62E-09	2.65E-09	3.66E-04	5.77E-08	2.01E-08	2.19E-05	3.45E-09	1.20E-09
6053	478415.07, 3850294.12	3.69E-04	5.82E-08	2.03E-08	4.15E-05	6.53E-09	2.28E-09	3.76E-04	5.93E-08	2.07E-08	4.80E-05	7.56E-09	2.63E-09	3.63E-04	5.72E-08	1.99E-08	2.17E-05	3.43E-09	1.19E-09
6054	478327.22, 3850251.47	3.62E-04	5.70E-08	1.99E-08	4.11E-05	6.47E-09	2.25E-09	3.69E-04	5.81E-08	2.03E-08	4.75E-05	7.48E-09	2.61E-09	3.56E-04	5.61E-08	1.95E-08	2.15E-05	3.39E-09	1.18E-09
6055	478239.36, 3850208.82	3.56E-04	5.61E-08	1.95E-08	4.06E-05	6.40E-09	2.23E-09	3.63E-04	5.72E-08	1.99E-08	4.70E-05	7.41E-09	2.58E-09	3.50E-04	5.51E-08	1.92E-08	2.13E-05	3.36E-09	1.17E-09
6056	478151.51, 3850166.18	3.51E-04	5.53E-08	1.93E-08	4.03E-05	6.35E-09	2.21E-09	3.58E-04	5.64E-08	1.96E-08	4.66E-05	7.35E-09	2.56E-09	3.45E-04	5.43E-08	1.89E-08	2.11E-05	3.33E-09	1.16E-09
6057	478063.66, 3850123.53	3.46E-04	5.45E-08	1.90E-08	4.00E-05	6.30E-09	2.19E-09	3.53E-04	5.56E-08	1.94E-08	4.62E-05	7.28E-09	2.54E-09	3.40E-04	5.35E-08	1.86E-08	2.10E-05	3.30E-09	1.15E-09
6058	477975.8, 3850080.88	3.55E-04	5.60E-08	1.95E-08	3.99E-05	6.28E-09	2.19E-09	3.62E-04	5.70E-08	1.99E-08	4.61E-05	7.26E-09	2.53E-09	3.50E-04	5.51E-08	1.92E-08	2.09E-05	3.29E-09	1.15E-09
6059	477887.95, 3850038.23	3.54E-04	5.57E-08	1.94E-08	3.96E-05	6.24E-09	2.17E-09	3.60E-04	5.68E-08	1.98E-08	4.58E-05	7.22E-09	2.51E-09	3.48E-04	5.48E-08	1.91E-08	2.08E-05	3.27E-09	1.14E-09
6060	477800.1, 3849995.59	3.53E-04	5.56E-08	1.94E-08	3.93E-05	6.20E-09	2.16E-09	3.60E-04	5.67E-08	1.97E-08	4.55E-05	7.17E-09	2.50E-09	3.48E-04	5.48E-08	1.91E-08	2.06E-05	3.25E-09	1.13E-09
6061	477712.24, 3849952.94	3.48E-04	5.49E-08	1.91E-08	3.90E-05	6.15E-09	2.14E-09	3.55E-04	5.59E-08	1.95E-08	4.51E-05	7.11E-09	2.48E-09	3.43E-04	5.40E-08	1.88E-08	2.05E-05	3.22E-09	1.12E-09
6062	477624.39, 3849910.29	3.43E-04	5.41E-08	1.89E-08	3.87E-05	6.09E-09	2.12E-09	3.50E-04	5.52E-08	1.92E-08	4.47E-05	7.05E-09	2.46E-09	3.38E-04	5.32E-08	1.85E-08	2.03E-05	3.20E-09	1.11E-09
6063	477536.54, 3849867.64	3.39E-04	5.34E-08	1.86E-08	3.83E-05	6.04E-09	2.10E-09	3.46E-04	5.45E-08	1.90E-08	4.44E-05	6.99E-09	2.43E-09	3.34E-04	5.25E-08	1.83E-08	2.01E-05	3.17E-09	1.10E-09
6064	477448.68, 3849825	3.32E-04	5.23E-08	1.82E-08	3.80E-05	5.98E-09	2.08E-09	3.39E-04	5.34E-08	1.86E-08	4.39E-05	6.92E-09	2.41E-09	3.27E-04	5.14E-08	1.79E-08	1.99E-05	3.14E-09	1.09E-09
6065	477360.83, 3849782.35	3.26E-04	5.13E-08	1.79E-08	3.76E-05	5.93E-09	2.07E-09	3.32E-04	5.23E-08	1.82E-08	4.35E-05	6.86E-09	2.39E-09	3.20E-04	5.04E-08	1.76E-08	1.97E-05	3.11E-09	1.08E-09
6066	477272.97, 3849739.7	3.19E-04	5.02E-08	1.75E-08	3.73E-05	5.87E-09	2.05E-09	3.25E-04	5.12E-08	1.78E-08	4.31E-05	6.79E-09	2.37E-09	3.12E-04	4.92E-08	1.71E-08	1.96E-05	3.08E-09	1.07E-09
6067	477185.12, 3849697.05	3.13E-04	4.92E-08	1.72E-08	3.69E-05	5.82E-09	2.03E-09	3.19E-04	5.02E-08	1.75E-08	4.27E-05	6.73E-09	2.34E-09	3.06E-04	4.83E-08	1.68E-08	1.94E-05	3.05E-09	1.06E-09
6068	477097.27, 3849654.41	3.06E-04	4.81E-08	1.68E-08	3.66E-05	5.76E-09	2.01E-09	3.12E-04	4.91E-08	1.71E-08	4.23E-05	6.66E-09	2.32E-09	2.99E-04	4.71E-08	1.64E-08	1.92E-05	3.02E-09	1.05E-09
6069	477009.41, 3849611.76	2.95E-04	4.64E-08	1.62E-08	3.62E-05	5.70E-09	1.98E-09	3.01E-04	4.74E-08	1.65E-08	4.18E-05	6.59E-09	2.30E-09	2.88E-04	4.53E-08	1.58E-08	1.90E-05	2.99E-09	1.04E-09
6070	476841.49, 3849530.08	2.80E-04	4.42E-08	1.54E-08	3.55E-05	5.59E-09	1.95E-09	2.86E-04	4.51E-08	1.57E-08	4.10E-05	6.46E-09	2.25E-09	2.73E-04	4.31E-08	1.50E-08	1.86E-05	2.93E-09	1.02E-09
6071	476761.41, 3849491.05	2.75E-04	4.34E-08	1.51E-08	3.52E-05	5.54E-09	1.93E-09	2.81E-04	4.43E-08	1.54E-08	4.07E-05	6.41E-09	2.23E-09	2.68E-04	4.23E-08	1.47E-08	1.85E-05	2.91E-09	1.01E-09
6072	476681.34, 3849452.02	2.68E-04	4.23E-08	1.47E-08	3.48E-05	5.49E-09	1.91E-09	2.74E-04	4.32E-08	1.51E-08	4.03E-05	6.35E-09	2.21E-09	2.61E-04	4.11E-08	1.43E-08	1.83E-05	2.88E-09	1.00E-09
6073	476601.26, 3849412.99	2.61E-04	4.11E-08	1.43E-08	3.45E-05	5.43E-09	1.89E-09	2.67E-04	4.20E-08	1.46E-08	3.99E-05	6.28E-09	2.19E-09	2.53E-04	3.99E-08	1.39E-08	1.81E-05	2.85E-09	9.93E-10
6074	476456.32, 3849353.67	2.44E-04	3.85E-08	1.34E-08	3.39E-05	5.34E-09	1.86E-09	2.50E-04	3.94E-08	1.37E-08	3.92E-05	6.17E-09	2.15E-09	2.36E-04	3.72E-08	1.30E-08	1.78E-05	2.80E-09	9.76E-10
6075	476305.43, 3849318.84	2.39E-04	3.76E-08	1.31E-08	3.37E-05	5.31E-09	1.85E-09	2.45E-04	3.85E-08	1.34E-08	3.90E-05	6.14E-09	2.14E-09	2.31E-04	3.63E-08	1.27E-08	1.77E-05	2.79E-09	9.70E-10
6076	476129.36, 3849289.99	2.29E-04	3.61E-08	1.26E-08	3.35E-05	5.28E-09	1.84E-09	2.35E-04	3.70E-08	1.29E-08	3.87E-05	6.10E-09	2.13E-09	2.21E-04	3.47E-08	1.21E-08	1.76E-05	2.77E-09	9.65E-10
6077	476039.31, 3849275.68	2.25E-04	3.55E-08	1.24E-08	3.34E-05	5.27E-09	1.83E-09	2.31E-04	3.64E-08	1.27E-08	3.87E-05	6.09E-09	2.12E-09	2.16E-04	3.41E-08	1.19E-08	1.75E-05	2.76E-09	9.63E-10
6078	475949.26, 3849261.38	2.18E-04	3.43E-08	1.19E-08	3.32E-05	5.23E-09	1.82E-09	2.23E-04	3.52E-08	1.23E-08	3.84E-05	6.05E-09	2.11E-09	2.09E-04	3.29E-08	1.14E-08	1.74E-05	2.75E-09	9.57E-10
6079	475859.21, 3849247.08	2.14E-04	3.37E-08	1.18E-08	3.31E-05	5.21E-09	1.82E-09	2.20E-04	3.46E-08	1.21E-08	3.83E-05	6.03E-09	2.10E-09	2.05E-04	3.23E-08	1.13E-08	1.74E-05	2.74E-09	9.53E-10
6080	475769.16, 3849232.77	2.10E-04	3.31E-08	1.15E-08	3.29E-05	5.19E-09	1.81E-09	2.15E-04	3.39E-08	1.18E-08	3.81E-05	6.00E-09	2.09E-09	2.00E-04	3.16E-08	1.10E-08	1.73E-05	2.72E-09	9.49E-10
6081	475585.23, 3849219.27	1.78E-04	2.81E-08	9.78E-09	3.07E-05	4.83E-09	1.68E-09	1.84E-04	2.89E-08	1.01E-08	3.55E-05	5.59E-09	1.95E-09	1.69E-04	2.66E-08	9.25E-09	1.61E-05	2.54E-09	8.84E-10
6082	475444.5, 3849150.35	1.92E-04	3.03E-08	1.05E-08	3.17E-05	4.99E-09	1.74E-09	1.98E-04	3.11E-08	1.08E-08	3.67E-05	5.77E-09	2.01E-09	1.83E-04	2.88E-08	1.00E-08	1.66E-05	2.62E-09	9.13E-10
6083	475334.18, 3849118.71	1.94E-04	3.06E-08	1.07E-08	3.17E-05	5.00E-09	1.74E-09	2.00E-04	3.15E-08	1.10E-08	3.67E-05	5.78E-09	2.01E-09	1.85E-04	2.91E-08	1.02E-08	1.67E-05	2.62E-09	9.14E-10
6084	475230.47, 3849060.57	1.92E-04	3.03E-08	1.06E-08	3.13E-05	4.93E-09	1.72E-09	1.98E-04	3.12E-08	1.09E-08	3.62E-05	5.71E-09	1.99E-09	1.83E-04	2.88E-08	1.00E-08	1.64E-05	2.59E-09	9.03E-10
6085	475110.86, 3848960.97	1.88E-04	2.96E-08	1.03E-08	3.05E-05	4.81E-09	1.68E-09	1.93E-04	3.05E-08	1.06E-08	3.53E-05	5.56E-09	1.94E-09	1.79E-04	2.82E-08	9.82E-09	1.60E-05	2.53E-09	8.80E-10
6086	475037.79, 3848896.28	1.84E-04	2.89E-08	1.01E-08	3.00E-05	4.72E-09	1.64E-09	1.89E-04	2.97E-08	1.04E-08	3.46E-05	5.46E-09	1.90E-09	1.75E-04	2.75E-08	9.59E-09	1.57E-05	2.48E-09	8.63E-10
6087	474964.72, 3848831.59	1.80E-04	2.84E-08	9.88E-09	2.94E-05	4.63E-09	1.61E-09	1.85E-04	2.91E-08	1.02E-08	3.40E-05	5.35E-09	1.86E-09	1.71E-04	2.70E-08	9.39E-09	1.54E-05	2.43E-09	8.47E-10
6088	474891.65, 3848766.9	1.78E-04	2.80E-08	9.75E-09	2.89E-05	4.56E-09	1.59E-09	1.83E-04	2.88E-08	1.00E-08	3.34E-05	5.27E-09	1.84E-09	1.69E-04	2.66E-08	9.27E-09	1.52E-05	2.39E-09	8.34E-10
6089	474818.58, 3848702.22	1.76E-04	2.78E-08	9.67E-09	2.86E-05	4.50E-09	1.57E-09	1.81E-04	2.85E-08	9.94E-09	3.30E-05	5.20E-09	1.81E-09	1.68E-04	2.64E-08	9.20E-09	1.50E-05	2.36E-09	8.23E-10
6090	474745.51, 3848637.53	1.78E-04	2.81E-08	9.77E-09	2.85E-05	4.49E-09	1.56E-09	1.83E-04	2.88E-08	1.00E-08	3.29E-05	5.19E-09	1.81E-09	1.70E-04	2.67E-08	9.31E-09	1.50E-05	2.36E-09	8.21E-10
6091	474672.44, 3848572.84	1.78E-04	2.80E-08	9.75E-09	2.81E-05	4.43E-09	1.54E-09	1.82E-04	2.87E-08	1.00E-08	3.25E-05	5.13E-09	1.79E-09	1.69E-04	2.67E-08	9.30E-09	1.48E-05	2.33E-09	8.12E-10
6092	474599.37, 3848508.15	1.74E-04	2.74E-08	9.55E-09	2.77E-05	4.36E-09	1.52E-09	1.79E-04	2.81E-08	9.81E-09	3.20E-05	5.04E-09	1.76E-09	1.66E-04	2.61E-08	9.10E-09	1.45E-05	2.29E-09	7.98E-10
6093	474526.3, 3848443.46	1.72E-04	2.71E-08	9.44E-09	2.73E-05	4.30E-09	1.50E-09	1.77E-04	2.78E-08	9.69E-09	3.16E-05	4.97E-09	1.73E-09	1.64E-04	2.58E-08	9.00E-09	1.43E-05	2.26E-09	7.87E-10

CHE, Warehouse - Park Risk

		2028 Unmitigated			2028 Mitigated			2033 Unmitigated			2033 Mitigated			2048 Unmitigated			2048 Mitigated		
Rec#	X, Y	Concentrati	Dose	Risk	Concentrati	Dose	Risk	Concentrati	Dose	Risk	Concentrati	Dose	Risk	Concentrati	Dose	Risk	Concentrati	Dose	Risk
1	485973.61, 3854936.51	3.21E-03	1.01E-06	2.95E-07	1.33E-03	4.19E-07	1.22E-07	3.44E-03	1.09E-06	3.16E-07	1.54E-03	4.85E-07	1.41E-07	2.57E-03	8.11E-07	2.36E-07	6.91E-04	2.18E-07	6.34E-08
2	486023.61, 3854936.51	3.16E-03	9.97E-07	2.90E-07	1.30E-03	4.09E-07	1.19E-07	3.38E-03	1.07E-06	3.11E-07	1.50E-03	4.74E-07	1.38E-07	2.53E-03	7.99E-07	2.32E-07	6.75E-04	2.13E-07	6.20E-08
3	486073.61, 3854936.51	3.13E-03	9.89E-07	2.88E-07	1.28E-03	4.04E-07	1.18E-07	3.35E-03	1.06E-06	3.08E-07	1.48E-03	4.68E-07	1.36E-07	2.51E-03	7.93E-07	2.31E-07	6.67E-04	2.11E-07	6.13E-08
4	486123.61, 3854936.51	3.05E-03	9.62E-07	2.80E-07	1.23E-03	3.89E-07	1.13E-07	3.26E-03	1.03E-06	2.99E-07	1.43E-03	4.51E-07	1.31E-07	2.45E-03	7.75E-07	2.25E-07	6.42E-04	2.03E-07	5.90E-08
5	486173.61, 3854936.51	3.06E-03	9.65E-07	2.81E-07	1.24E-03	3.90E-07	1.13E-07	3.27E-03	1.03E-06	3.00E-07	1.43E-03	4.52E-07	1.31E-07	2.46E-03	7.77E-07	2.26E-07	6.44E-04	2.03E-07	5.91E-08
6	486223.61, 3854936.51	3.01E-03	9.50E-07	2.76E-07	1.21E-03	3.82E-07	1.11E-07	3.22E-03	1.02E-06	2.95E-07	1.40E-03	4.42E-07	1.29E-07	2.43E-03	7.66E-07	2.23E-07	6.30E-04	1.99E-07	5.78E-08
7	486273.61, 3854936.51	2.98E-03	9.41E-07	2.74E-07	1.19E-03	3.76E-07	1.09E-07	3.19E-03	1.01E-06	2.92E-07	1.38E-03	4.35E-07	1.27E-07	2.41E-03	7.60E-07	2.21E-07	6.21E-04	1.96E-07	5.70E-08
8	486323.61, 3854936.51	2.96E-03	9.33E-07	2.71E-07	1.18E-03	3.71E-07	1.08E-07	3.16E-03	9.97E-07	2.90E-07	1.36E-03	4.30E-07	1.25E-07	2.39E-03	7.54E-07	2.19E-07	6.13E-04	1.93E-07	5.63E-08
9	485973.61, 3854986.51	3.61E-03	1.14E-06	3.31E-07	1.58E-03	4.98E-07	1.45E-07	3.88E-03	1.22E-06	3.56E-07	1.83E-03	5.77E-07	1.68E-07	2.83E-03	8.94E-07	2.60E-07	8.21E-04	2.59E-07	7.54E-08
10	486023.61, 3854986.51	3.55E-03	1.12E-06	3.26E-07	1.54E-03	4.87E-07	1.42E-07	3.82E-03	1.20E-06	3.50E-07	1.79E-03	5.64E-07	1.64E-07	2.79E-03	8.82E-07	2.57E-07	8.04E-04	2.54E-07	7.38E-08
11	486073.61, 3854986.51	3.48E-03	1.10E-06	3.19E-07	1.50E-03	4.73E-07	1.38E-07	3.74E-03	1.18E-06	3.43E-07	1.74E-03	5.48E-07	1.59E-07	2.75E-03	8.67E-07	2.52E-07	7.81E-04	2.46E-07	7.17E-08
12	486123.61, 3854986.51	3.42E-03	1.08E-06	3.14E-07	1.46E-03	4.61E-07	1.34E-07	3.67E-03	1.16E-06	3.37E-07	1.69E-03	5.33E-07	1.55E-07	2.70E-03	8.53E-07	2.48E-07	7.60E-04	2.40E-07	6.98E-08
13	486173.61, 3854986.51	3.39E-03	1.07E-06	3.11E-07	1.44E-03	4.55E-07	1.32E-07	3.64E-03	1.15E-06	3.34E-07	1.67E-03	5.27E-07	1.53E-07	2.69E-03	8.48E-07	2.47E-07	7.51E-04	2.37E-07	6.89E-08
14	486223.61, 3854986.51	3.33E-03	1.05E-06	3.05E-07	1.40E-03	4.42E-07	1.29E-07	3.57E-03	1.13E-06	3.28E-07	1.62E-03	5.12E-07	1.49E-07	2.64E-03	8.34E-07	2.43E-07	7.30E-04	2.30E-07	6.70E-08
15	486273.61, 3854986.51	3.26E-03	1.03E-06	2.99E-07	1.36E-03	4.29E-07	1.25E-07	3.49E-03	1.10E-06	3.20E-07	1.57E-03	4.96E-07	1.44E-07	2.60E-03	8.19E-07	2.38E-07	7.08E-04	2.23E-07	6.50E-08
16	486323.61, 3854986.51	3.27E-03	1.03E-06	3.00E-07	1.36E-03	4.30E-07	1.25E-07	3.50E-03	1.10E-06	3.21E-07	1.58E-03	4.98E-07	1.45E-07	2.60E-03	8.22E-07	2.39E-07	7.09E-04	2.24E-07	6.51E-08
17	485973.61, 3855036.51	4.06E-03	1.28E-06	3.73E-07	1.87E-03	5.92E-07	1.72E-07	4.39E-03	1.38E-06	4.03E-07	2.17E-03	6.85E-07	1.99E-07	3.13E-03	9.88E-07	2.87E-07	9.76E-04	3.08E-07	8.96E-08
18	486023.61, 3855036.51	3.97E-03	1.25E-06	3.65E-07	1.82E-03	5.73E-07	1.67E-07	4.29E-03	1.35E-06	3.93E-07	2.10E-03	6.64E-07	1.93E-07	3.07E-03	9.70E-07	2.82E-07	9.45E-04	2.98E-07	8.68E-08
19	486073.61, 3855036.51	3.86E-03	1.22E-06	3.54E-07	1.74E-03	5.51E-07	1.60E-07	4.16E-03	1.31E-06	3.82E-07	2.02E-03	6.37E-07	1.85E-07	3.00E-03	9.46E-07	2.75E-07	9.08E-04	2.87E-07	8.34E-08
20	486123.61, 3855036.51	3.78E-03	1.19E-06	3.47E-07	1.69E-03	5.34E-07	1.55E-07	4.07E-03	1.29E-06	3.74E-07	1.96E-03	6.19E-07	1.80E-07	2.95E-03	9.30E-07	2.71E-07	8.81E-04	2.78E-07	8.09E-08
21	486173.61, 3855036.51	3.75E-03	1.18E-06	3.44E-07	1.67E-03	5.26E-07	1.53E-07	4.03E-03	1.27E-06	3.70E-07	1.93E-03	6.09E-07	1.77E-07	2.93E-03	9.23E-07	2.69E-07	8.68E-04	2.74E-07	7.96E-08
22	486223.61, 3855036.51	3.65E-03	1.15E-06	3.35E-07	1.60E-03	5.06E-07	1.47E-07	3.93E-03	1.24E-06	3.61E-07	1.86E-03	5.86E-07	1.71E-07	2.86E-03	9.03E-07	2.63E-07	8.35E-04	2.64E-07	7.67E-08
23	486273.61, 3855036.51	3.63E-03	1.15E-06	3.33E-07	1.59E-03	5.01E-07	1.46E-07	3.90E-03	1.23E-06	3.58E-07	1.84E-03	5.80E-07	1.69E-07	2.85E-03	8.99E-07	2.62E-07	8.26E-04	2.61E-07	7.58E-08
24	486323.61, 3855036.51	3.56E-03	1.12E-06	3.27E-07	1.54E-03	4.87E-07	1.42E-07	3.83E-03	1.21E-06	3.52E-07	1.79E-03	5.64E-07	1.64E-07	2.81E-03	8.86E-07	2.58E-07	8.04E-04	2.54E-07	7.38E-08
25	485973.61, 3855086.51	4.55E-03	1.44E-06	4.18E-07	2.20E-03	6.93E-07	2.02E-07	4.93E-03	1.56E-06	4.52E-07	2.54E-03	8.03E-07	2.34E-07	3.45E-03	1.09E-06	3.16E-07	1.14E-03	3.61E-07	1.05E-07
26	486023.61, 3855086.51	4.46E-03	1.41E-06	4.09E-07	2.13E-03	6.73E-07	1.96E-07	4.82E-03	1.52E-06	4.43E-07	2.47E-03	7.79E-07	2.27E-07	3.39E-03	1.07E-06	3.11E-07	1.11E-03	3.50E-07	1.02E-07
27	486073.61, 3855086.51	4.31E-03	1.36E-06	3.96E-07	2.03E-03	6.42E-07	1.87E-07	4.66E-03	1.47E-06	4.28E-07	2.36E-03	7.43E-07	2.16E-07	3.29E-03	1.04E-06	3.02E-07	1.06E-03	3.34E-07	9.72E-08
28	486123.61, 3855086.51	4.23E-03	1.34E-06	3.89E-07	1.98E-03	6.25E-07	1.82E-07	4.57E-03	1.44E-06	4.20E-07	2.29E-03	7.24E-07	2.10E-07	3.24E-03	1.02E-06	2.98E-07	1.03E-03	3.25E-07	9.46E-08
29	486173.61, 3855086.51	4.12E-03	1.30E-06	3.78E-07	1.90E-03	6.00E-07	1.75E-07	4.44E-03	1.40E-06	4.08E-07	2.20E-03	6.95E-07	2.02E-07	3.17E-03	1.00E-06	2.91E-07	9.90E-04	3.12E-07	9.09E-08
30	486223.61, 3855086.51	4.05E-03	1.28E-06	3.71E-07	1.85E-03	5.85E-07	1.70E-07	4.37E-03	1.38E-06	4.01E-07	2.14E-03	6.77E-07	1.97E-07	3.13E-03	9.87E-07	2.87E-07	9.64E-04	3.04E-07	8.85E-08
31	485973.61, 3855136.51	5.12E-03	1.62E-06	4.70E-07	2.58E-03	8.14E-07	2.37E-07	5.57E-03	1.76E-06	5.11E-07	2.99E-03	9.43E-07	2.74E-07	3.81E-03	1.20E-06	3.50E-07	1.34E-03	4.24E-07	1.23E-07
32	486023.61, 3855136.51	4.97E-03	1.57E-06	4.56E-07	2.47E-03	7.80E-07	2.27E-07	5.39E-03	1.70E-06	4.95E-07	2.86E-03	9.03E-07	2.63E-07	3.72E-03	1.17E-06	3.41E-07	1.29E-03	4.06E-07	1.18E-07
33	486073.61, 3855136.51	4.82E-03	1.52E-06	4.42E-07	2.37E-03	7.47E-07	2.17E-07	5.23E-03	1.65E-06	4.80E-07	2.74E-03	8.65E-07	2.52E-07	3.62E-03	1.14E-06	3.33E-07	1.23E-03	3.89E-07	1.13E-07
34	486123.61, 3855136.51	4.69E-03	1.48E-06	4.31E-07	2.28E-03	7.19E-07	2.09E-07	5.09E-03	1.61E-06	4.67E-07	2.64E-03	8.33E-07	2.42E-07	3.55E-03	1.12E-06	3.26E-07	1.19E-03	3.74E-07	1.09E-07
35	486173.61, 3855136.51	4.56E-03	1.44E-06	4.19E-07	2.19E-03	6.91E-07	2.01E-07	4.94E-03	1.56E-06	4.54E-07	2.53E-03	8.00E-07	2.33E-07	3.47E-03	1.09E-06	3.18E-07	1.14E-03	3.60E-07	1.05E-07
36	486223.61, 3855136.51	4.46E-03	1.41E-06	4.09E-07	2.11E-03	6.67E-07	1.94E-07	4.82E-03	1.52E-06	4.42E-07	2.45E-03	7.72E-07	2.25E-07	3.40E-03	1.07E-06	3.12E-07	1.10E-03	3.47E-07	1.01E-07
37	485973.61, 3855186.51	5.74E-03	1.81E-06	5.27E-07	3.00E-03	9.47E-07	2.75E-07	6.26E-03	1.98E-06	5.75E-07	3.47E-03	1.10E-06	3.19E-07	4.21E-03	1.33E-06	3.87E-07	1.56E-03	4.92E-07	1.43E-07
38	486023.61, 3855186.51	5.56E-03	1.76E-06	5.11E-07	2.87E-03	9.05E-07	2.63E-07	6.06E-03	1.91E-06	5.56E-07	3.32E-03	1.05E-06	3.05E-07	4.10E-03	1.29E-06	3.77E-07	1.49E-03	4.71E-07	1.37E-07
39	486073.61, 3855186.51	5.35E-03	1.69E-06	4.91E-07	2.72E-03	8.57E-07	2.49E-07	5.81E-03	1.83E-06	5.34E-07	3.15E-03	9.93E-07	2.89E-07	3.97E-03	1.25E-06	3.64E-07	1.41E-03	4.46E-07	1.30E-07
40	486123.61, 3855186.51	5.15E-03	1.63E-06	4.73E-07	2.58E-03	8.14E-07	2.37E-07	5.60E-03	1.77E-06	5.14E-07	2.99E-03	9.43E-07	2.74E-07	3.85E-03	1.21E-06	3.53E-07	1.34E-03	4.24E-07	1.23E-07
41	486173.61, 3855186.51	5.01E-03	1.58E-06	4.60E-07	2.48E-03	7.82E-07	2.27E-07	5.44E-03	1.72E-06	4.99E-07	2.87E-03	9.05E-07	2.63E-07	3.76E-03	1.19E-06	3.45E-07	1.29E-03	4.07E-07	1.18E-07
42	486223.61, 3855186.51	4.88E-03	1.54E-06	4.48E-07	2.38E-03	7.52E-07	2.19E-07	5.29E-03	1.67E-06	4.85E-07	2.76E-03	8.71E-07	2.53E-07	3.68E-03	1.16E-06	3.38E-07	1.24E-03	3.91E-07	1.14E-07
43	486273.61, 3855186.51	4.74E-03	1.50E-06	4.35E-07	2.29E-03	7.22E-07	2.10E-07	5.14E-03	1.62E-06	4.72E-07	2.65E-03	8.36E-07	2.43E-07	3.59E-03	1.13E-06	3.30E-07	1.19E-03	3.76E-07	1.09E-07
44	486323.61, 3855186.51	4.74E-03	1.50E-06	4.35E-07	2.28E-03	7.19E-07	2.09E-07	5.13E-03	1.62E-06	4.71E-07	2.64E-03	8.32E-07	2.42E-07	3.60E-03	1.14E-06	3.30E-07	1.18E-03	3.74E-07	1.09E-07
45	485973.61, 3855236.51	6.40E-03	2.02E-06	5.88E-07	3.45E-03	1.09E-06	3.17E-07	7.00E-03	2.21E-06	6.42E-07	3.99E-03	1.26E-06	3.67E-07	4.63E-03	1.46E-06	4.25E-07	1.79E-03	5.66E-07	1.65E-07
46	486023.61, 3855236.51	6.13E-03	1.94E-06	5.63E-07	3.25E-03	1.03E-06	2.99E-07	6.69E-03	2.11E-06	6.14E-07	3.77E-03	1.19E-06	3.46E-07	4.47E-03	1.41E-06	4.10E-07	1.69E-03	5.34E-07	1.55E-07
47	486073.61, 3855236.51	5.87E-03	1.85E-06	5.39E-07	3.06E-03	9.67E-07	2.81E-07	6.40E-03	2.02E-06	5.87E-07	3.55E-03	1.12E-06	3.26E-07	4.31E-03	1.36E-06	3.95E-07	1.59E-03	5.03E-07	1.46E-07
48	486123.61, 3855236.51	5.67E-03	1.79E-06	5.21E-07	2.92E-03	9.22E-07	2.68E-07	6.18E-03	1.95E-06	5.67E-07	3.38E-03	1.07E-06	3.11E-07	4.19E-03	1.32E-06	3.84E-07	1.52E-03	4.80E-07	1.40E-07
49	486173.61, 3855236.51	5.50E-03	1.74E-06	5.05E-07	2.80E-03	8.83E-07	2.57E-07	5.98E-03	1.89E-06	5.49E-07	3.24E-03	1.02E-06	2.97E-07	4.08E-03	1.29E-06	3.75E-07	1.46E-03	4.59E-07	1.34E-07
50	486223.61, 3855236.51	5.33E-03	1.68E-06	4.89E-07	2.67E-03	8.44E-07	2.45E-07	5.79E-03	1.83E-06	5.31E-07	3.10E-03	9.77E-07	2.84E-07	3.97E-03	1.25E-06	3.65E-07	1.39E-03	4.39E-07	1.28E-07
51	486273.61, 3855236.51	5.11E-03	1.61E-06	4.69E-07	2.52E-03	7.95E-07	2.31E-07	5.54E-03	1.75E-06	5.09E-07	2.92E-03	9.21E-07	2.68E-07	3.83E-03	1.21E-06	3.52E-07	1.31E-03	4.14E-07	1.20E-07
52	486323.61, 3855236.51	5.16E-03	1.63E-06	4.74E-07	2.54E-03	8.02E-07	2.33E-07	5.60E-03	1.77E-06	5.14E-07	2.94E-03	9.29E-07	2.70E-07	3.88E-03	1.22E-06	3.56E-07	1.32E-03	4.17E-07	1.21E-07
53	485973.61, 3855286.51	7.10E-03	2.24E-06	6.52E-07	3.93E-03	1.24E-06	3.60E-07	7.77E-03	2.45E-06	7.14E-07	4.55E-03	1.43E-06	4.17E-07	5.07E-03	1.60E-06	4.66E-07	2.04E-03	6.44E-07	1.87E-07
54	486023.61, 3855286.51	6.76E-03	2.13E-06	6.20E-07	3.68E-03	1.16E-06	3.38E-07	7.39E-03	2.33E-06	6.79E-07	4.26E-03	1.34E-06	3.91E-07	4.87E-03	1.54E-06	4.47E-07	1.91E-03	6.04E-07	1.76E-07
55	486073.61, 3855286.51	6.48E-03	2.04E-06	5.95E-07	3.47E-03	1.10E-06	3.19E-07	7.08E-03	2.23E-06	6.50E-07	4.02E-03	1.27E-06	3.69E-07	4.70E-03	1.48E-06	4.31E-07	1.81E-03	5.70E-07	1.66E-07
56	486123.61, 3855286.51	6.21E-03	1.96E-06	5.70E-07	3.28E-03	1.03E-06	3.01E-07	6.77E-03	2.14E-06	6.22E-07	3.79E-03	1.20E-06	3.48E-07	4.53E-03	1.43E-06	4.16E-07	1.70E-03	5.38E-07	1.56E-07
57	486173.61, 3855286.51	5.98E-03	1.89E-06	5.49E-07	3.11E-03	9.81E-07	2.85E-07	6.51E-03	2.05E-06	5.98E-07	3.60E-03	1.14E-06	3.31E-07	4.39E-03	1.39E-06	4.03E-07	1.62E-03	5.10E-07	1.48E-07
58	486223.61, 3855286.51	5.80E-03	1.83E-06	5.33E-07	2.98E-03	9.41E-07	2.74E-07	6.32E-03	1.99E-06	5.80E-07	3.45E-03	1.09E-06	3.17E-07	4.29E-03	1.35E-06	3.94E-07	1.55E-03	4.90E-07	1.42E-07
59	486123.61, 3855336.51	6.77E-03	2.14E-06	6.21E-07	3.65E-03	1.15E-06	3.35E-07	7.40E-03	2.34E-06	6.79E-07	4.23E-03	1.33E-06	3.88E-07	4.90E-03	1.55E-06	4.49E-07	1.90E-03	5.99E-07	1.74E-07
60	486173.61, 3855336.51	6.53E-03	2.06E-06	6.00E-07	3.48E-03	1.10E-06	3.19E-07	7.13E-03	2.25E-06	6.55E-07	4.03E-03	1.27E-06	3.70E-07	4.75E-03	1.50E-06	4.36E-07	1.81E-03	5.71E-07	1.66E-07
61	486223.61, 3855336.51	6.30E-03	1.99E-06	5.79E-07	3.31E-03	1.04E-06	3.04E-07	6.87E-03	2.17E-06	6.31E-07	3.83E-03	1.21E-06	3.52E-07	4.62E-03	1.46E-06	4.24E-07	1.72E-03	5.43E-07	1.58E-07
62	486123.61, 3855386.51	7.39E-03	2.33E-06	6.78E-07	4.06E-03	1.28E-06	3.73E-07	8.09E-03	2.55E-06	7.42E-07	4.70E-03	1.48E-06	4.32E-07	5.29E-03	1.67E-06	4.86E-07	2.11E-03	6.67E-07	1.94E-07

63	486173.61, 3855386.51	7.11E-03	2.24E-06	6.53E-07	3.86E-03	1.22E-06	3.54E-07	7.78E-03	2.45E-06	7.14E-07	4.47E-03	1.41E-06	4.10E-07	5.13E-03	1.62E-06	4.71E-07	2.01E-03	6.33E-07	1.84E-07
64	486223.61, 3855386.51	6.87E-03	2.17E-06	6.31E-07	3.68E-03	1.16E-06	3.37E-07	7.50E-03	2.37E-06	6.89E-07	4.26E-03	1.34E-06	3.91E-07	4.99E-03	1.57E-06	4.58E-07	1.91E-03	6.03E-07	1.76E-07
65	486533.18, 3855443.15	6.33E-03	2.00E-06	5.81E-07	3.20E-03	1.01E-06	2.94E-07	6.88E-03	2.17E-06	6.32E-07	3.71E-03	1.17E-06	3.41E-07	4.71E-03	1.49E-06	4.32E-07	1.67E-03	5.26E-07	1.53E-07
66	486583.18, 3855443.15	6.16E-03	1.94E-06	5.65E-07	3.08E-03	9.72E-07	2.83E-07	6.69E-03	2.11E-06	6.14E-07	3.57E-03	1.13E-06	3.28E-07	4.60E-03	1.45E-06	4.22E-07	1.60E-03	5.06E-07	1.47E-07
67	486633.18, 3855443.15	6.00E-03	1.89E-06	5.51E-07	2.97E-03	9.36E-07	2.72E-07	6.51E-03	2.05E-06	5.98E-07	3.43E-03	1.08E-06	3.15E-07	4.50E-03	1.42E-06	4.13E-07	1.54E-03	4.87E-07	1.42E-07
68	486683.18, 3855443.15	5.88E-03	1.86E-06	5.40E-07	2.88E-03	9.09E-07	2.65E-07	6.38E-03	2.01E-06	5.86E-07	3.34E-03	1.05E-06	3.06E-07	4.43E-03	1.40E-06	4.07E-07	1.50E-03	4.73E-07	1.38E-07
69	486533.18, 3855493.15	6.77E-03	2.14E-06	6.22E-07	3.47E-03	1.10E-06	3.19E-07	7.37E-03	2.33E-06	6.77E-07	4.02E-03	1.27E-06	3.69E-07	5.01E-03	1.58E-06	4.60E-07	1.81E-03	5.70E-07	1.66E-07
70	486583.18, 3855493.15	6.60E-03	2.08E-06	6.06E-07	3.35E-03	1.06E-06	3.07E-07	7.18E-03	2.26E-06	6.59E-07	3.87E-03	1.22E-06	3.56E-07	4.90E-03	1.55E-06	4.50E-07	1.74E-03	5.49E-07	1.60E-07
71	486633.18, 3855493.15	6.42E-03	2.03E-06	5.90E-07	3.22E-03	1.02E-06	2.95E-07	6.98E-03	2.20E-06	6.41E-07	3.73E-03	1.18E-06	3.42E-07	4.79E-03	1.51E-06	4.40E-07	1.67E-03	5.29E-07	1.54E-07
72	486683.18, 3855493.15	6.26E-03	1.98E-06	5.75E-07	3.10E-03	9.79E-07	2.85E-07	6.79E-03	2.14E-06	6.24E-07	3.59E-03	1.13E-06	3.30E-07	4.69E-03	1.48E-06	4.31E-07	1.61E-03	5.09E-07	1.48E-07
73	486533.18, 3855543.15	7.27E-03	2.29E-06	6.67E-07	3.77E-03	1.19E-06	3.47E-07	7.92E-03	2.50E-06	7.27E-07	4.37E-03	1.38E-06	4.01E-07	5.34E-03	1.69E-06	4.91E-07	1.96E-03	6.20E-07	1.80E-07
74	486583.18, 3855543.15	7.02E-03	2.21E-06	6.44E-07	3.59E-03	1.13E-06	3.30E-07	7.63E-03	2.41E-06	7.01E-07	4.16E-03	1.31E-06	3.82E-07	5.19E-03	1.64E-06	4.76E-07	1.87E-03	5.90E-07	1.72E-07
75	486633.18, 3855543.15	6.84E-03	2.16E-06	6.28E-07	3.46E-03	1.09E-06	3.18E-07	7.43E-03	2.35E-06	6.82E-07	4.01E-03	1.27E-06	3.68E-07	5.08E-03	1.60E-06	4.66E-07	1.80E-03	5.69E-07	1.65E-07
76	486683.18, 3855543.15	6.60E-03	2.08E-06	6.06E-07	3.30E-03	1.04E-06	3.03E-07	7.17E-03	2.26E-06	6.59E-07	3.82E-03	1.21E-06	3.51E-07	4.93E-03	1.56E-06	4.53E-07	1.72E-03	5.42E-07	1.58E-07
77	486533.18, 3855593.15	7.75E-03	2.44E-06	7.11E-07	4.07E-03	1.28E-06	3.73E-07	8.45E-03	2.67E-06	7.75E-07	4.71E-03	1.49E-06	4.32E-07	5.67E-03	1.79E-06	5.21E-07	2.12E-03	6.68E-07	1.94E-07
78	486583.18, 3855593.15	7.49E-03	2.36E-06	6.88E-07	3.88E-03	1.23E-06	3.56E-07	8.16E-03	2.58E-06	7.49E-07	4.50E-03	1.42E-06	4.13E-07	5.52E-03	1.74E-06	5.06E-07	2.02E-03	6.37E-07	1.85E-07
79	486633.18, 3855593.15	7.27E-03	2.29E-06	6.67E-07	3.72E-03	1.17E-06	3.42E-07	7.91E-03	2.50E-06	7.26E-07	4.31E-03	1.36E-06	3.96E-07	5.38E-03	1.70E-06	4.94E-07	1.94E-03	6.11E-07	1.78E-07
80	486683.18, 3855593.15	7.09E-03	2.24E-06	6.51E-07	3.59E-03	1.13E-06	3.29E-07	7.70E-03	2.43E-06	7.07E-07	4.15E-03	1.31E-06	3.81E-07	5.27E-03	1.66E-06	4.84E-07	1.87E-03	5.89E-07	1.71E-07
81	486533.18, 3855643.15	8.26E-03	2.61E-06	7.59E-07	4.38E-03	1.38E-06	4.02E-07	9.02E-03	2.85E-06	8.28E-07	5.07E-03	1.60E-06	4.66E-07	6.02E-03	1.90E-06	5.53E-07	2.28E-03	7.19E-07	2.09E-07
82	486583.18, 3855643.15	8.00E-03	2.52E-06	7.34E-07	4.19E-03	1.32E-06	3.84E-07	8.72E-03	2.75E-06	8.00E-07	4.85E-03	1.53E-06	4.45E-07	5.86E-03	1.85E-06	5.38E-07	2.18E-03	6.87E-07	2.00E-07
83	486633.18, 3855643.15	7.75E-03	2.44E-06	7.11E-07	4.00E-03	1.26E-06	3.68E-07	8.44E-03	2.66E-06	7.74E-07	4.64E-03	1.46E-06	4.26E-07	5.71E-03	1.80E-06	5.24E-07	2.08E-03	6.57E-07	1.91E-07
84	486683.18, 3855643.15	7.52E-03	2.37E-06	6.91E-07	3.84E-03	1.21E-06	3.53E-07	8.19E-03	2.58E-06	7.52E-07	4.45E-03	1.40E-06	4.09E-07	5.57E-03	1.76E-06	5.12E-07	2.00E-03	6.31E-07	1.84E-07
85	486533.18, 3855693.15	8.85E-03	2.79E-06	8.13E-07	4.74E-03	1.50E-06	4.35E-07	9.67E-03	3.05E-06	8.88E-07	5.49E-03	1.73E-06	5.04E-07	6.42E-03	2.03E-06	5.90E-07	2.47E-03	7.78E-07	2.26E-07
86	486583.18, 3855693.15	8.49E-03	2.68E-06	7.79E-07	4.48E-03	1.41E-06	4.11E-07	9.26E-03	2.92E-06	8.50E-07	5.19E-03	1.64E-06	4.76E-07	6.20E-03	1.96E-06	5.69E-07	2.33E-03	7.35E-07	2.14E-07
87	486633.18, 3855693.15	8.14E-03	2.57E-06	7.48E-07	4.24E-03	1.34E-06	3.89E-07	8.87E-03	2.80E-06	8.15E-07	4.91E-03	1.55E-06	4.50E-07	5.98E-03	1.89E-06	5.49E-07	2.20E-03	6.95E-07	2.02E-07
88	486683.18, 3855693.15	7.98E-03	2.52E-06	7.32E-07	4.11E-03	1.30E-06	3.77E-07	8.69E-03	2.74E-06	7.97E-07	4.76E-03	1.50E-06	4.37E-07	5.89E-03	1.86E-06	5.41E-07	2.14E-03	6.75E-07	1.96E-07
89	486733.18, 3855693.15	7.88E-03	2.49E-06	7.24E-07	4.03E-03	1.27E-06	3.70E-07	8.58E-03	2.71E-06	7.87E-07	4.66E-03	1.47E-06	4.28E-07	5.84E-03	1.84E-06	5.36E-07	2.10E-03	6.61E-07	1.92E-07
90	486783.18, 3855693.15	7.82E-03	2.47E-06	7.18E-07	3.97E-03	1.25E-06	3.64E-07	8.51E-03	2.68E-06	7.81E-07	4.60E-03	1.45E-06	4.22E-07	5.81E-03	1.83E-06	5.33E-07	2.06E-03	6.52E-07	1.90E-07
91	486533.18, 3855743.15	9.42E-03	2.97E-06	8.65E-07	5.09E-03	1.61E-06	4.67E-07	1.03E-02	3.25E-06	9.45E-07	5.89E-03	1.86E-06	5.41E-07	6.81E-03	2.15E-06	6.25E-07	2.64E-03	8.35E-07	2.43E-07
92	486583.18, 3855743.15	8.96E-03	2.83E-06	8.23E-07	4.76E-03	1.50E-06	4.37E-07	9.78E-03	3.09E-06	8.98E-07	5.52E-03	1.74E-06	5.06E-07	6.52E-03	2.06E-06	5.99E-07	2.48E-03	7.82E-07	2.27E-07
93	486633.18, 3855743.15	8.65E-03	2.73E-06	7.94E-07	4.53E-03	1.43E-06	4.16E-07	9.43E-03	2.98E-06	8.65E-07	5.25E-03	1.66E-06	4.82E-07	6.33E-03	2.00E-06	5.81E-07	2.36E-03	7.44E-07	2.17E-07
94	486683.18, 3855743.15	8.51E-03	2.69E-06	7.81E-07	4.42E-03	1.40E-06	4.06E-07	9.27E-03	2.93E-06	8.51E-07	5.12E-03	1.62E-06	4.70E-07	6.25E-03	1.97E-06	5.74E-07	2.30E-03	7.26E-07	2.11E-07
95	486733.18, 3855743.15	8.32E-03	2.63E-06	7.64E-07	4.28E-03	1.35E-06	3.93E-07	9.06E-03	2.86E-06	8.32E-07	4.96E-03	1.57E-06	4.55E-07	6.14E-03	1.94E-06	5.64E-07	2.23E-03	7.03E-07	2.05E-07
96	486783.18, 3855743.15	8.29E-03	2.62E-06	7.61E-07	4.24E-03	1.34E-06	3.89E-07	9.02E-03	2.85E-06	8.29E-07	4.91E-03	1.55E-06	4.51E-07	6.14E-03	1.94E-06	5.64E-07	2.21E-03	6.96E-07	2.03E-07
97	486533.18, 3855793.15	1.00E-02	3.17E-06	9.21E-07	5.46E-03	1.72E-06	5.01E-07	1.10E-02	3.46E-06	1.01E-06	6.32E-03	2.00E-06	5.80E-07	7.23E-03	2.28E-06	6.63E-07	2.84E-03	8.96E-07	2.61E-07
98	486583.18, 3855793.15	9.42E-03	2.97E-06	8.65E-07	5.04E-03	1.59E-06	4.62E-07	1.03E-02	3.25E-06	9.44E-07	5.83E-03	1.84E-06	5.35E-07	6.84E-03	2.16E-06	6.28E-07	2.62E-03	8.27E-07	2.40E-07
99	486633.18, 3855793.15	9.24E-03	2.92E-06	8.49E-07	4.89E-03	1.54E-06	4.49E-07	1.01E-02	3.18E-06	9.26E-07	5.67E-03	1.79E-06	5.20E-07	6.74E-03	2.13E-06	6.19E-07	2.55E-03	8.03E-07	2.34E-07
100	486683.18, 3855793.15	9.09E-03	2.87E-06	8.35E-07	4.77E-03	1.51E-06	4.38E-07	9.91E-03	3.13E-06	9.10E-07	5.52E-03	1.74E-06	5.07E-07	6.66E-03	2.10E-06	6.11E-07	2.48E-03	7.83E-07	2.28E-07
101	486733.18, 3855793.15	8.91E-03	2.81E-06	8.18E-07	4.63E-03	1.46E-06	4.25E-07	9.71E-03	3.06E-06	8.91E-07	5.36E-03	1.69E-06	4.92E-07	6.55E-03	2.07E-06	6.01E-07	2.41E-03	7.60E-07	2.21E-07
102	486783.18, 3855793.15	8.76E-03	2.77E-06	8.04E-07	4.51E-03	1.42E-06	4.14E-07	9.54E-03	3.01E-06	8.76E-07	5.22E-03	1.65E-06	4.80E-07	6.47E-03	2.04E-06	5.94E-07	2.35E-03	7.41E-07	2.15E-07
103	486533.18, 3855843.15	1.06E-02	3.33E-06	9.70E-07	5.78E-03	1.83E-06	5.31E-07	1.16E-02	3.65E-06	1.06E-06	6.70E-03	2.11E-06	6.15E-07	7.59E-03	2.39E-06	6.96E-07	3.01E-03	9.49E-07	2.76E-07
104	486583.18, 3855843.15	1.00E-02	3.16E-06	9.20E-07	5.40E-03	1.71E-06	4.96E-07	1.10E-02	3.46E-06	1.01E-06	6.26E-03	1.98E-06	5.74E-07	7.25E-03	2.29E-06	6.66E-07	2.81E-03	8.87E-07	2.58E-07
105	486633.18, 3855843.15	9.83E-03	3.10E-06	9.02E-07	5.25E-03	1.66E-06	4.82E-07	1.07E-02	3.39E-06	9.86E-07	6.08E-03	1.92E-06	5.58E-07	7.14E-03	2.25E-06	6.56E-07	2.73E-03	8.62E-07	2.51E-07
106	486683.18, 3855843.15	9.65E-03	3.05E-06	8.86E-07	5.11E-03	1.61E-06	4.69E-07	1.05E-02	3.32E-06	9.67E-07	5.91E-03	1.87E-06	5.43E-07	7.04E-03	2.22E-06	6.47E-07	2.66E-03	8.38E-07	2.44E-07
107	486733.18, 3855843.15	9.49E-03	2.99E-06	8.71E-07	4.97E-03	1.57E-06	4.56E-07	1.03E-02	3.26E-06	9.49E-07	5.75E-03	1.82E-06	5.28E-07	6.95E-03	2.19E-06	6.38E-07	2.58E-03	8.16E-07	2.37E-07
108	486783.18, 3855843.15	9.30E-03	2.94E-06	8.54E-07	4.83E-03	1.52E-06	4.43E-07	1.01E-02	3.20E-06	9.31E-07	5.59E-03	1.76E-06	5.13E-07	6.85E-03	2.16E-06	6.29E-07	2.51E-03	7.92E-07	2.30E-07
109	486533.18, 3855893.15	1.10E-02	3.46E-06	1.01E-06	6.03E-03	1.90E-06	5.54E-07	1.20E-02	3.79E-06	1.10E-06	6.99E-03	2.20E-06	6.41E-07	7.87E-03	2.48E-06	7.22E-07	3.14E-03	9.90E-07	2.88E-07
110	486583.18, 3855893.15	1.07E-02	3.38E-06	9.83E-07	5.83E-03	1.84E-06	5.35E-07	1.17E-02	3.70E-06	1.08E-06	6.75E-03	2.13E-06	6.19E-07	7.72E-03	2.44E-06	7.08E-07	3.03E-03	9.56E-07	2.78E-07
111	486633.18, 3855893.15	1.04E-02	3.30E-06	9.59E-07	5.62E-03	1.77E-06	5.16E-07	1.14E-02	3.60E-06	1.05E-06	6.51E-03	2.06E-06	5.98E-07	7.57E-03	2.39E-06	6.95E-07	2.92E-03	9.23E-07	2.68E-07
112	486683.18, 3855893.15	1.02E-02	3.23E-06	9.40E-07	5.46E-03	1.72E-06	5.01E-07	1.12E-02	3.53E-06	1.03E-06	6.32E-03	2.00E-06	5.80E-07	7.45E-03	2.35E-06	6.84E-07	2.84E-03	8.96E-07	2.61E-07
113	486733.18, 3855893.15	1.01E-02	3.17E-06	9.23E-07	5.30E-03	1.67E-06	4.87E-07	1.10E-02	3.46E-06	1.01E-06	6.14E-03	1.94E-06	5.64E-07	7.34E-03	2.32E-06	6.74E-07	2.76E-03	8.71E-07	2.53E-07
114	486783.18, 3855893.15	9.90E-03	3.12E-06	9.08E-07	5.17E-03	1.63E-06	4.75E-07	1.08E-02	3.40E-06	9.90E-07	5.99E-03	1.89E-06	5.50E-07	7.26E-03	2.29E-06	6.66E-07	2.69E-03	8.49E-07	2.47E-07
115	486533.18, 3855943.15	1.16E-02	3.67E-06	1.07E-06	6.44E-03	2.03E-06	5.91E-07	1.27E-02	4.02E-06	1.17E-06	7.46E-03	2.35E-06	6.85E-07	8.30E-03	2.62E-06	7.62E-07	3.35E-03	1.06E-06	3.07E-07
116	486583.18, 3855943.15	1.14E-02	3.61E-06	1.05E-06	6.28E-03	1.98E-06	5.77E-07	1.25E-02	3.95E-06	1.15E-06	7.27E-03	2.30E-06	6.68E-07	8.21E-03	2.59E-06	7.53E-07	3.27E-03	1.03E-06	3.00E-07
117	486633.18, 3855943.15	1.11E-02	3.51E-06	1.02E-06	6.03E-03	1.90E-06	5.53E-07	1.21E-02	3.83E-06	1.11E-06	6.98E-03	2.20E-06	6.41E-07	8.01E-03	2.53E-06	7.35E-07	3.13E-03	9.89E-07	2.88E-07
118	486683.18, 3855943.15	1.09E-02	3.44E-06	1.00E-06	5.86E-03	1.85E-06	5.38E-07	1.19E-02	3.76E-06	1.09E-06	6.79E-03	2.14E-06	6.23E-07	7.90E-03	2.49E-06	7.26E-07	3.05E-03	9.62E-07	2.80E-07
119	486733.18, 3855943.15	1.06E-02	3.36E-06	9.78E-07	5.66E-03	1.79E-06	5.20E-07	1.16E-02	3.67E-06	1.07E-06	6.56E-03	2.07E-06	6.02E-07	7.75E-03	2.45E-06	7.12E-07	2.94E-03	9.29E-07	2.70E-07
120	486783.18, 3855943.15	1.05E-02	3.31E-06	9.63E-07	5.52E-03	1.74E-06	5.07E-07	1.14E-02	3.61E-06	1.05E-06	6.40E-03	2.02E-06	5.87E-07	7.67E-03	2.42E-06	7.04E-07	2.87E-03	9.06E-07	2.64E-07
121	486533.18, 3855993.15	1.24E-02	3.92E-06	1.14E-06	6.95E-03	2.19E-06	6.38E-07	1.36E-02	4.30E-06	1.25E-06	8.05E-03	2.54E-06	7.39E-07	8.83E-03	2.79E-06	8.11E-07	3.62E-03	1.14E-06	3.32E-07
122	486583.18, 3855993.15	1.21E-02	3.82E-06	1.11E-06	6.71E-03	2.12E-06	6.16E-07	1.33E-02	4.19E-06	1.22E-06	7.77E-03	2.45E-06	7.13E-07	8.66E-03	2.73E-06	7.95E-07	3.49E-03	1.10E-06	3.20E-07
123	486633.18, 3855993.15	1.18E-02	3.73E-06	1.08E-06	6.46E-03	2.04E-06	5.93E-07	1.29E-02	4.08E-06	1.19E-06	7.49E-03	2.36E-06	6.87E-07	8.48E-03	2.68E-06	7.79E-07	3.36E-03	1.06E-06	3.09E-07
124	486683.18, 3855993.15	1.16E-02	3.65E-06	1.06E-06	6.27E-03	1.98E-06	5.76E-07	1.27E-02	3.99E-06	1.16E-06	7.26E-03	2.29E-06	6.67E-07	8.35E-03	2.64E-06	7.67E-07	3.26E-03	1.03E-06	2.99E-07
125	486733.18, 3855993.15	1.13E-02	3.57E-06	1.04E-06	6.06E-03	1.91E-06	5.56E-07	1.23E-02	3.90E-06	1.13E-06	7.01E-03	2.21E-06	6.44E-07	8.20E-03	2.59E-06	7.53E-07	3.15E-03	9.94E-07	2.89E-07
126	486783.18, 3855993.15	1.11E-02	3.50E-06	1.02E-06	5.87E-03	1.85E-06	5.39E-07	1.21E-02	3.81E-06	1.11E-06	6.80E-03	2.15E-06	6.25E-07	8.07E-03	2.55E-06	7.41E-07	3.05E-03	9.64E-07	2.80E-07
127	486533.18, 3856043.15	1.32E-02	4.18E-06	1.22E-06	7.49E-03	2.36E-06	6.88E-07	1.45E-02	4.59E-06	1.33E-06	8.67E-03	2.74E-06	7.96E-07	9.37E-03	2.96E-06	8.60E-07	3.89E-03	1.23E-06	3.58E-07
128	486583.18, 3856043.15	1.29E-02	4.08E-06	1.19E-06	7.23E-03	2.28E-06	6.64E-07	1.42E-02	4.48E-06	1.30E-06	8.38E-03	2.64E-06	7.69E-07	9.20E-03	2.90E-06	8.45E-07	3.76E-03	1.19E-06	3.45E-07

129	486633.18, 3856043.15	1.25E-02	3.96E-06	1.15E-06	6.93E-03	2.19E-06	6.36E-07	1.37E-02	4.34E-06	1.26E-06	8.03E-03	2.53E-06	7.37E-07	8.98E-03	2.83E-06	8.24E-07	3.60E-03	1.14E-06	3.31E-07
130	486683.18, 3856043.15	1.23E-02	3.88E-06	1.13E-06	6.72E-03	2.12E-06	6.17E-07	1.35E-02	4.25E-06	1.24E-06	7.78E-03	2.46E-06	7.15E-07	8.84E-03	2.79E-06	8.12E-07	3.49E-03	1.10E-06	3.21E-07
131	486733.18, 3856043.15	1.20E-02	3.78E-06	1.10E-06	6.46E-03	2.04E-06	5.93E-07	1.31E-02	4.13E-06	1.20E-06	7.49E-03	2.36E-06	6.87E-07	8.65E-03	2.73E-06	7.94E-07	3.36E-03	1.06E-06	3.09E-07
132	486783.18, 3856043.15	1.18E-02	3.71E-06	1.08E-06	6.29E-03	1.98E-06	5.77E-07	1.28E-02	4.05E-06	1.18E-06	7.28E-03	2.30E-06	6.69E-07	8.54E-03	2.69E-06	7.84E-07	3.27E-03	1.03E-06	3.00E-07
133	486533.18, 3856093.15	1.42E-02	4.48E-06	1.30E-06	8.13E-03	2.57E-06	7.46E-07	1.56E-02	4.93E-06	1.43E-06	9.42E-03	2.97E-06	8.64E-07	9.99E-03	3.15E-06	9.17E-07	4.23E-03	1.33E-06	3.88E-07
134	486583.18, 3856093.15	1.38E-02	4.35E-06	1.26E-06	7.78E-03	2.46E-06	7.15E-07	1.51E-02	4.77E-06	1.39E-06	9.01E-03	2.85E-06	8.28E-07	9.75E-03	3.08E-06	8.95E-07	4.05E-03	1.28E-06	3.72E-07
135	486633.18, 3856093.15	1.34E-02	4.22E-06	1.23E-06	7.46E-03	2.35E-06	6.85E-07	1.47E-02	4.62E-06	1.35E-06	8.64E-03	2.73E-06	7.93E-07	9.52E-03	3.00E-06	8.74E-07	3.88E-03	1.22E-06	3.56E-07
136	486683.18, 3856093.15	1.30E-02	4.12E-06	1.20E-06	7.20E-03	2.27E-06	6.61E-07	1.43E-02	4.51E-06	1.31E-06	8.33E-03	2.63E-06	7.65E-07	9.34E-03	2.95E-06	8.57E-07	3.74E-03	1.18E-06	3.43E-07
137	486733.18, 3856093.15	1.27E-02	4.01E-06	1.17E-06	6.92E-03	2.18E-06	6.35E-07	1.39E-02	4.38E-06	1.28E-06	8.02E-03	2.53E-06	7.36E-07	9.14E-03	2.89E-06	8.39E-07	3.60E-03	1.14E-06	3.30E-07
138	486783.18, 3856093.15	1.24E-02	3.92E-06	1.14E-06	6.70E-03	2.11E-06	6.15E-07	1.36E-02	4.29E-06	1.25E-06	7.76E-03	2.45E-06	7.12E-07	8.99E-03	2.84E-06	8.26E-07	3.48E-03	1.10E-06	3.20E-07
139	486533.18, 3856143.15	1.52E-02	4.79E-06	1.39E-06	8.80E-03	2.78E-06	8.08E-07	1.67E-02	5.27E-06	1.53E-06	1.02E-02	3.22E-06	9.35E-07	1.06E-02	3.35E-06	9.75E-07	4.57E-03	1.44E-06	4.20E-07
140	486583.18, 3856143.15	1.46E-02	4.62E-06	1.34E-06	8.36E-03	2.64E-06	7.67E-07	1.61E-02	5.07E-06	1.48E-06	9.68E-03	3.06E-06	8.89E-07	1.03E-02	3.25E-06	9.46E-07	4.35E-03	1.37E-06	3.99E-07
141	486633.18, 3856143.15	1.42E-02	4.49E-06	1.31E-06	8.03E-03	2.53E-06	7.37E-07	1.56E-02	4.93E-06	1.43E-06	9.30E-03	2.93E-06	8.54E-07	1.01E-02	3.18E-06	9.26E-07	4.17E-03	1.32E-06	3.83E-07
142	486683.18, 3856143.15	1.38E-02	4.37E-06	1.27E-06	7.70E-03	2.43E-06	7.07E-07	1.52E-02	4.79E-06	1.39E-06	8.92E-03	2.82E-06	8.19E-07	9.86E-03	3.11E-06	9.05E-07	4.01E-03	1.26E-06	3.68E-07
143	486733.18, 3856143.15	1.35E-02	4.25E-06	1.24E-06	7.41E-03	2.34E-06	6.80E-07	1.47E-02	4.65E-06	1.35E-06	8.58E-03	2.71E-06	7.88E-07	9.65E-03	3.05E-06	8.86E-07	3.85E-03	1.22E-06	3.54E-07
144	486783.18, 3856143.15	1.32E-02	4.17E-06	1.21E-06	7.19E-03	2.27E-06	6.60E-07	1.45E-02	4.56E-06	1.33E-06	8.32E-03	2.63E-06	7.64E-07	9.52E-03	3.01E-06	8.74E-07	3.74E-03	1.18E-06	3.43E-07
145	486533.18, 3856193.15	1.63E-02	5.15E-06	1.50E-06	9.59E-03	3.03E-06	8.80E-07	1.80E-02	5.67E-06	1.65E-06	1.11E-02	3.51E-06	1.02E-06	1.13E-02	3.58E-06	1.04E-06	4.98E-03	1.57E-06	4.58E-07
146	486583.18, 3856193.15	1.56E-02	4.93E-06	1.44E-06	9.04E-03	2.85E-06	8.30E-07	1.72E-02	5.43E-06	1.58E-06	1.05E-02	3.30E-06	9.61E-07	1.09E-02	3.45E-06	1.00E-06	4.70E-03	1.48E-06	4.31E-07
147	486633.18, 3856193.15	1.52E-02	4.78E-06	1.39E-06	8.65E-03	2.73E-06	7.94E-07	1.66E-02	5.25E-06	1.53E-06	1.00E-02	3.16E-06	9.19E-07	1.07E-02	3.37E-06	9.80E-07	4.50E-03	1.42E-06	4.13E-07
148	486683.18, 3856193.15	1.48E-02	4.67E-06	1.36E-06	8.33E-03	2.63E-06	7.64E-07	1.62E-02	5.12E-06	1.49E-06	9.64E-03	3.04E-06	8.85E-07	1.05E-02	3.31E-06	9.62E-07	4.33E-03	1.37E-06	3.97E-07
149	486733.18, 3856193.15	1.43E-02	4.52E-06	1.31E-06	7.96E-03	2.51E-06	7.31E-07	1.57E-02	4.95E-06	1.44E-06	9.22E-03	2.91E-06	8.46E-07	1.02E-02	3.22E-06	9.38E-07	4.14E-03	1.31E-06	3.80E-07
150	486783.18, 3856193.15	1.40E-02	4.42E-06	1.29E-06	7.70E-03	2.43E-06	7.07E-07	1.53E-02	4.84E-06	1.41E-06	8.92E-03	2.81E-06	8.18E-07	1.01E-02	3.18E-06	9.24E-07	4.00E-03	1.26E-06	3.67E-07
151	486533.18, 3856243.15	1.75E-02	5.53E-06	1.61E-06	1.05E-02	3.30E-06	9.59E-07	1.93E-02	6.10E-06	1.78E-06	1.21E-02	3.82E-06	1.11E-06	1.21E-02	3.81E-06	1.11E-06	5.43E-03	1.71E-06	4.99E-07
152	486583.18, 3856243.15	1.68E-02	5.31E-06	1.54E-06	9.87E-03	3.12E-06	9.06E-07	1.85E-02	5.85E-06	1.70E-06	1.14E-02	3.61E-06	1.05E-06	1.17E-02	3.69E-06	1.07E-06	5.13E-03	1.62E-06	4.71E-07
153	486633.18, 3856243.15	1.62E-02	5.12E-06	1.49E-06	9.37E-03	2.96E-06	8.60E-07	1.78E-02	5.63E-06	1.64E-06	1.09E-02	3.43E-06	9.96E-07	1.14E-02	3.58E-06	1.04E-06	4.87E-03	1.54E-06	4.47E-07
154	486683.18, 3856243.15	1.57E-02	4.96E-06	1.44E-06	8.95E-03	2.83E-06	8.22E-07	1.73E-02	5.45E-06	1.58E-06	1.04E-02	3.27E-06	9.52E-07	1.11E-02	3.50E-06	1.02E-06	4.65E-03	1.47E-06	4.27E-07
155	486733.18, 3856243.15	1.53E-02	4.82E-06	1.40E-06	8.59E-03	2.71E-06	7.89E-07	1.68E-02	5.29E-06	1.54E-06	9.95E-03	3.14E-06	9.14E-07	1.08E-02	3.42E-06	9.96E-07	4.47E-03	1.41E-06	4.10E-07
156	486783.18, 3856243.15	1.48E-02	4.68E-06	1.36E-06	8.23E-03	2.60E-06	7.56E-07	1.63E-02	5.13E-06	1.49E-06	9.53E-03	3.01E-06	8.75E-07	1.06E-02	3.35E-06	9.73E-07	4.28E-03	1.35E-06	3.93E-07
157	486533.18, 3856293.15	1.90E-02	5.98E-06	1.74E-06	1.15E-02	3.63E-06	1.06E-06	2.09E-02	6.61E-06	1.92E-06	1.33E-02	4.20E-06	1.22E-06	1.29E-02	4.08E-06	1.19E-06	5.98E-03	1.89E-06	5.49E-07
158	486583.18, 3856293.15	1.81E-02	5.71E-06	1.66E-06	1.08E-02	3.40E-06	9.90E-07	2.00E-02	6.30E-06	1.83E-06	1.25E-02	3.94E-06	1.15E-06	1.25E-02	3.94E-06	1.14E-06	5.60E-03	1.77E-06	5.15E-07
159	486633.18, 3856293.15	1.74E-02	5.49E-06	1.60E-06	1.02E-02	3.22E-06	9.36E-07	1.91E-02	6.04E-06	1.76E-06	1.18E-02	3.73E-06	1.08E-06	1.21E-02	3.81E-06	1.11E-06	5.30E-03	1.67E-06	4.87E-07
160	486683.18, 3856293.15	1.68E-02	5.29E-06	1.54E-06	9.69E-03	3.06E-06	8.89E-07	1.84E-02	5.82E-06	1.69E-06	1.12E-02	3.54E-06	1.03E-06	1.17E-02	3.71E-06	1.08E-06	5.04E-03	1.59E-06	4.62E-07
161	486733.18, 3856293.15	1.63E-02	5.14E-06	1.50E-06	9.28E-03	2.93E-06	8.52E-07	1.79E-02	5.65E-06	1.64E-06	1.07E-02	3.39E-06	9.87E-07	1.15E-02	3.63E-06	1.06E-06	4.82E-03	1.52E-06	4.43E-07
162	486783.18, 3856293.15	1.58E-02	4.98E-06	1.45E-06	8.85E-03	2.79E-06	8.12E-07	1.73E-02	5.46E-06	1.59E-06	1.02E-02	3.23E-06	9.41E-07	1.12E-02	3.54E-06	1.03E-06	4.60E-03	1.45E-06	4.22E-07
163	486783.18, 3856343.15	1.69E-02	5.32E-06	1.55E-06	9.58E-03	3.02E-06	8.80E-07	1.85E-02	5.84E-06	1.70E-06	1.11E-02	3.50E-06	1.02E-06	1.19E-02	3.76E-06	1.09E-06	4.98E-03	1.57E-06	4.57E-07
164	486833.18, 3856343.15	1.63E-02	5.15E-06	1.50E-06	9.14E-03	2.88E-06	8.39E-07	1.79E-02	5.65E-06	1.64E-06	1.06E-02	3.34E-06	9.71E-07	1.16E-02	3.67E-06	1.07E-06	4.75E-03	1.50E-06	4.36E-07
165	486883.18, 3856343.15	1.58E-02	5.00E-06	1.45E-06	8.73E-03	2.76E-06	8.02E-07	1.73E-02	5.48E-06	1.59E-06	1.01E-02	3.19E-06	9.28E-07	1.14E-02	3.58E-06	1.04E-06	4.54E-03	1.43E-06	4.17E-07
166	486783.18, 3856393.15	1.79E-02	5.66E-06	1.65E-06	1.03E-02	3.26E-06	9.49E-07	1.97E-02	6.22E-06	1.81E-06	1.20E-02	3.78E-06	1.10E-06	1.26E-02	3.97E-06	1.15E-06	5.37E-03	1.70E-06	4.93E-07
167	486833.18, 3856393.15	1.73E-02	5.47E-06	1.59E-06	9.82E-03	3.10E-06	9.02E-07	1.90E-02	6.00E-06	1.75E-06	1.14E-02	3.59E-06	1.04E-06	1.23E-02	3.87E-06	1.12E-06	5.11E-03	1.61E-06	4.69E-07
168	486883.18, 3856393.15	1.67E-02	5.28E-06	1.53E-06	9.32E-03	2.94E-06	8.56E-07	1.83E-02	5.78E-06	1.68E-06	1.08E-02	3.41E-06	9.91E-07	1.19E-02	3.76E-06	1.09E-06	4.85E-03	1.53E-06	4.45E-07
169	487208.74, 3856886.11	2.27E-02	7.16E-06	2.08E-06	1.31E-02	4.13E-06	1.20E-06	2.50E-02	7.88E-06	2.29E-06	1.51E-02	4.78E-06	1.39E-06	1.59E-02	5.03E-06	1.46E-06	6.79E-03	2.14E-06	6.24E-07
170	487258.74, 3856886.11	2.14E-02	6.75E-06	1.96E-06	1.20E-02	3.78E-06	1.10E-06	2.35E-02	7.41E-06	2.15E-06	1.39E-02	4.38E-06	1.27E-06	1.52E-02	4.80E-06	1.40E-06	6.23E-03	1.97E-06	5.72E-07
171	487308.74, 3856886.11	2.03E-02	6.40E-06	1.86E-06	1.11E-02	3.49E-06	1.01E-06	2.22E-02	7.00E-06	2.04E-06	1.28E-02	4.04E-06	1.18E-06	1.46E-02	4.61E-06	1.34E-06	5.74E-03	1.81E-06	5.27E-07
172	487358.74, 3856886.11	1.93E-02	6.08E-06	1.77E-06	1.02E-02	3.23E-06	9.40E-07	2.10E-02	6.64E-06	1.93E-06	1.19E-02	3.74E-06	1.09E-06	1.40E-02	4.43E-06	1.29E-06	5.32E-03	1.68E-06	4.88E-07
173	487208.74, 3856936.11	2.40E-02	7.59E-06	2.21E-06	1.41E-02	4.45E-06	1.29E-06	2.65E-02	8.35E-06	2.43E-06	1.63E-02	5.15E-06	1.50E-06	1.67E-02	5.27E-06	1.53E-06	7.32E-03	2.31E-06	6.72E-07
174	487258.74, 3856936.11	2.24E-02	7.07E-06	2.06E-06	1.27E-02	4.01E-06	1.17E-06	2.46E-02	7.76E-06	2.26E-06	1.47E-02	4.65E-06	1.35E-06	1.58E-02	5.00E-06	1.45E-06	6.61E-03	2.08E-06	6.06E-07
175	487308.74, 3856936.11	2.10E-02	6.64E-06	1.93E-06	1.15E-02	3.64E-06	1.06E-06	2.30E-02	7.26E-06	2.11E-06	1.34E-02	4.22E-06	1.23E-06	1.51E-02	4.76E-06	1.39E-06	6.00E-03	1.89E-06	5.51E-07
176	487358.74, 3856936.11	1.98E-02	6.26E-06	1.82E-06	1.05E-02	3.33E-06	9.68E-07	2.16E-02	6.83E-06	1.99E-06	1.22E-02	3.86E-06	1.12E-06	1.44E-02	4.56E-06	1.33E-06	5.48E-03	1.73E-06	5.03E-07
177	487208.74, 3856986.11	2.52E-02	7.96E-06	2.32E-06	1.50E-02	4.73E-06	1.38E-06	2.78E-02	8.78E-06	2.55E-06	1.74E-02	5.48E-06	1.59E-06	1.74E-02	5.50E-06	1.60E-06	7.78E-03	2.46E-06	7.15E-07
178	487258.74, 3856986.11	2.31E-02	7.30E-06	2.12E-06	1.32E-02	4.15E-06	1.21E-06	2.54E-02	8.02E-06	2.33E-06	1.52E-02	4.81E-06	1.40E-06	1.63E-02	5.15E-06	1.50E-06	6.84E-03	2.16E-06	6.28E-07
179	487308.74, 3856986.11	2.14E-02	6.77E-06	1.97E-06	1.17E-02	3.71E-06	1.08E-06	2.35E-02	7.41E-06	2.15E-06	1.36E-02	4.29E-06	1.25E-06	1.54E-02	4.86E-06	1.42E-06	6.10E-03	1.93E-06	5.60E-07
180	487358.74, 3856986.11	2.01E-02	6.34E-06	1.84E-06	1.06E-02	3.34E-06	9.71E-07	2.19E-02	6.91E-06	2.01E-06	1.23E-02	3.87E-06	1.12E-06	1.47E-02	4.63E-06	1.35E-06	5.50E-03	1.74E-06	5.05E-07
181	487208.74, 3857036.11	2.54E-02	8.01E-06	2.33E-06	1.49E-02	4.72E-06	1.37E-06	2.80E-02	8.82E-06	2.57E-06	1.73E-02	5.46E-06	1.59E-06	1.76E-02	5.55E-06	1.62E-06	7.76E-03	2.45E-06	7.13E-07
182	487258.74, 3857036.11	2.30E-02	7.26E-06	2.11E-06	1.29E-02	4.07E-06	1.18E-06	2.52E-02	7.96E-06	2.32E-06	1.49E-02	4.71E-06	1.37E-06	1.64E-02	5.16E-06	1.50E-06	6.69E-03	2.11E-06	6.15E-07
183	487308.74, 3857036.11	2.12E-02	6.69E-06	1.95E-06	1.13E-02	3.58E-06	1.04E-06	2.32E-02	7.31E-06	2.13E-06	1.31E-02	4.14E-06	1.21E-06	1.54E-02	4.87E-06	1.42E-06	5.89E-03	1.86E-06	5.41E-07
184	487358.74, 3857036.11	1.98E-02	6.25E-06	1.82E-06	1.01E-02	3.20E-06	9.31E-07	2.15E-02	6.80E-06	1.98E-06	1.18E-02	3.71E-06	1.08E-06	1.47E-02	4.63E-06	1.35E-06	5.27E-03	1.66E-06	4.84E-07
185	487427.14, 3856878.23	1.80E-02	5.69E-06	1.65E-06	9.22E-03	2.91E-06	8.46E-07	1.96E-02	6.19E-06	1.80E-06	1.07E-02	3.37E-06	9.80E-07	1.34E-02	4.21E-06	1.23E-06	4.79E-03	1.51E-06	4.40E-07
186	487477.14, 3856878.23	1.73E-02	5.45E-06	1.59E-06	8.61E-03	2.72E-06	7.90E-07	1.88E-02	5.92E-06	1.72E-06	9.97E-03	3.15E-06	9.15E-07	1.29E-02	4.08E-06	1.19E-06	4.47E-03	1.41E-06	4.11E-07
187	487527.14, 3856878.23	1.66E-02	5.24E-06	1.52E-06	8.07E-03	2.55E-06	7.41E-07	1.80E-02	5.67E-06	1.65E-06	9.34E-03	2.95E-06	8.58E-07	1.25E-02	3.96E-06	1.15E-06	4.19E-03	1.32E-06	3.85E-07
188	487427.14, 3856928.23	1.84E-02	5.81E-06	1.69E-06	9.39E-03	2.97E-06	8.62E-07	2.00E-02	6.32E-06	1.84E-06	1.09E-02	3.43E-06	9.99E-07	1.37E-02	4.31E-06	1.25E-06	4.88E-03	1.54E-06	4.48E-07
189	487477.14, 3856928.23	1.76E-02	5.54E-06	1.61E-06	8.71E-03	2.75E-06	8.00E-07	1.91E-02	6.02E-06	1.75E-06	1.01E-02	3.18E-06	9.26E-07	1.32E-02	4.16E-06	1.21E-06	4.53E-03	1.43E-06	4.16E-07
190	487527.14, 3856928.23	1.68E-02	5.31E-06	1.54E-06	8.11E-03	2.56E-06	7.44E-07	1.82E-02	5.75E-06	1.67E-06	9.39E-03	2.96E-06	8.62E-07	1.28E-02	4.03E-06	1.17E-06	4.21E-03	1.33E-06	3.87E-07
191	487577.14, 3856928.23	1.61E-02	5.10E-06	1.48E-06	7.57E-03	2.39E-06	6.95E-07	1.75E-02	5.51E-06	1.60E-06	8.77E-03	2.77E-06	8.05E-07	1.24E-02	3.91E-06	1.14E-06	3.94E-03	1.24E-06	3.61E-07
192	487627.14, 3856928.23	1.55E-02	4.90E-06	1.43E-06	7.11E-03	2.24E-06	6.52E-07	1.68E-02	5.29E-06	1.54E-06	8.23E-03	2.60E-06	7.56E-07	1.20E-02	3.79E-06	1.10E-06	3.69E-03	1.17E-06	3.39E-07
193	487677.14, 3856928.23	1.50E-02	4.74E-06	1.38E-06	6.68E-03	2.11E-06	6.13E-07	1.62E-02	5.10E-06	1.48E-06	7.74E-03	2.44E-06	7.10E-07	1.17E-02	3.70E-06	1.08E-06	3.47E-03	1.10E-06	3.19E-07
194	487727.14, 3856928.23	1.45E-02	4.59E-06	1.33E-06	6.30E-03	1.99E-06	5.78E-07	1.56E-02	4.93E-06	1.43E-06	7.30E-03	2.30E-06	6.70E-07	1.15E-02	3.62E-06	1.05E-06	3.27E-03	1.03E-06	3.01E-07

195	487777.14, 3856928.23	1.41E-02	4.45E-06	1.29E-06	5.96E-03	1.88E-06	5.47E-07	1.51E-02	4.77E-06	1.39E-06	6.90E-03	2.18E-06	6.34E-07	1.12E-02	3.54E-06	1.03E-06	3.10E-03	9.78E-07	2.84E-07
196	487427.14, 3856978.23	1.86E-02	5.86E-06	1.70E-06	9.36E-03	2.95E-06	8.59E-07	2.02E-02	6.36E-06	1.85E-06	1.08E-02	3.42E-06	9.95E-07	1.38E-02	4.36E-06	1.27E-06	4.86E-03	1.53E-06	4.46E-07
197	487477.14, 3856978.23	1.76E-02	5.57E-06	1.62E-06	8.61E-03	2.72E-06	7.90E-07	1.91E-02	6.04E-06	1.76E-06	9.97E-03	3.15E-06	9.15E-07	1.33E-02	4.21E-06	1.22E-06	4.47E-03	1.41E-06	4.11E-07
198	487527.14, 3856978.23	1.68E-02	5.32E-06	1.55E-06	7.97E-03	2.51E-06	7.31E-07	1.82E-02	5.75E-06	1.67E-06	9.23E-03	2.91E-06	8.47E-07	1.29E-02	4.07E-06	1.18E-06	4.14E-03	1.31E-06	3.80E-07
199	487577.14, 3856978.23	1.62E-02	5.10E-06	1.48E-06	7.41E-03	2.34E-06	6.81E-07	1.74E-02	5.50E-06	1.60E-06	8.59E-03	2.71E-06	7.88E-07	1.25E-02	3.94E-06	1.15E-06	3.85E-03	1.22E-06	3.54E-07
200	487627.14, 3856978.23	1.55E-02	4.90E-06	1.43E-06	6.94E-03	2.19E-06	6.37E-07	1.67E-02	5.28E-06	1.53E-06	8.03E-03	2.54E-06	7.37E-07	1.21E-02	3.82E-06	1.11E-06	3.61E-03	1.14E-06	3.31E-07
201	487677.14, 3856978.23	1.50E-02	4.73E-06	1.38E-06	6.50E-03	2.05E-06	5.97E-07	1.61E-02	5.08E-06	1.48E-06	7.53E-03	2.38E-06	6.92E-07	1.18E-02	3.73E-06	1.08E-06	3.38E-03	1.07E-06	3.10E-07
202	487727.14, 3856978.23	1.45E-02	4.56E-06	1.33E-06	6.14E-03	1.94E-06	5.64E-07	1.55E-02	4.90E-06	1.42E-06	7.11E-03	2.24E-06	6.53E-07	1.15E-02	3.62E-06	1.05E-06	3.19E-03	1.01E-06	2.93E-07
203	487777.14, 3856978.23	1.41E-02	4.44E-06	1.29E-06	5.78E-03	1.82E-06	5.31E-07	1.51E-02	4.76E-06	1.38E-06	6.69E-03	2.11E-06	6.14E-07	1.13E-02	3.57E-06	1.04E-06	3.00E-03	9.48E-07	2.76E-07
204	487427.14, 3857028.23	1.83E-02	5.79E-06	1.68E-06	8.98E-03	2.83E-06	8.24E-07	1.99E-02	6.28E-06	1.83E-06	1.04E-02	3.28E-06	9.55E-07	1.38E-02	4.37E-06	1.27E-06	4.67E-03	1.47E-06	4.28E-07
205	487477.14, 3857028.23	1.74E-02	5.50E-06	1.60E-06	8.24E-03	2.60E-06	7.56E-07	1.88E-02	5.95E-06	1.73E-06	9.54E-03	3.01E-06	8.76E-07	1.33E-02	4.21E-06	1.22E-06	4.28E-03	1.35E-06	3.93E-07
206	487527.14, 3857028.23	1.66E-02	5.25E-06	1.53E-06	7.61E-03	2.40E-06	6.99E-07	1.79E-02	5.67E-06	1.65E-06	8.82E-03	2.78E-06	8.09E-07	1.29E-02	4.06E-06	1.18E-06	3.96E-03	1.25E-06	3.63E-07
207	487577.14, 3857028.23	1.60E-02	5.04E-06	1.47E-06	7.07E-03	2.23E-06	6.49E-07	1.72E-02	5.42E-06	1.58E-06	8.19E-03	2.59E-06	7.52E-07	1.25E-02	3.94E-06	1.15E-06	3.68E-03	1.16E-06	3.38E-07
208	487627.14, 3857028.23	1.53E-02	4.84E-06	1.41E-06	6.62E-03	2.09E-06	6.07E-07	1.65E-02	5.20E-06	1.51E-06	7.66E-03	2.42E-06	7.04E-07	1.21E-02	3.83E-06	1.11E-06	3.44E-03	1.09E-06	3.16E-07
209	487677.14, 3857028.23	1.48E-02	4.68E-06	1.36E-06	6.21E-03	1.96E-06	5.70E-07	1.59E-02	5.01E-06	1.46E-06	7.19E-03	2.27E-06	6.60E-07	1.18E-02	3.73E-06	1.08E-06	3.23E-03	1.02E-06	2.96E-07
210	487727.14, 3857028.23	1.44E-02	4.53E-06	1.32E-06	5.84E-03	1.84E-06	5.36E-07	1.54E-02	4.85E-06	1.41E-06	6.76E-03	2.13E-06	6.21E-07	1.16E-02	3.65E-06	1.06E-06	3.03E-03	9.58E-07	2.79E-07
211	487777.14, 3857028.23	1.39E-02	4.40E-06	1.28E-06	5.51E-03	1.74E-06	5.06E-07	1.49E-02	4.70E-06	1.37E-06	6.39E-03	2.02E-06	5.86E-07	1.13E-02	3.57E-06	1.04E-06	2.87E-03	9.05E-07	2.63E-07
212	487427.14, 3857078.23	1.77E-02	5.60E-06	1.63E-06	8.26E-03	2.61E-06	7.58E-07	1.92E-02	6.05E-06	1.76E-06	9.57E-03	3.02E-06	8.78E-07	1.36E-02	4.31E-06	1.25E-06	4.29E-03	1.36E-06	3.94E-07
213	487477.14, 3857078.23	1.69E-02	5.34E-06	1.55E-06	7.61E-03	2.40E-06	6.98E-07	1.82E-02	5.75E-06	1.67E-06	8.81E-03	2.78E-06	8.09E-07	1.32E-02	4.16E-06	1.21E-06	3.95E-03	1.25E-06	3.63E-07
214	487527.14, 3857078.23	1.62E-02	5.11E-06	1.49E-06	7.05E-03	2.22E-06	6.47E-07	1.74E-02	5.50E-06	1.60E-06	8.16E-03	2.58E-06	7.49E-07	1.28E-02	4.03E-06	1.17E-06	3.66E-03	1.16E-06	3.36E-07
215	487577.14, 3857078.23	1.56E-02	4.92E-06	1.43E-06	6.57E-03	2.07E-06	6.03E-07	1.67E-02	5.27E-06	1.53E-06	7.61E-03	2.40E-06	6.99E-07	1.24E-02	3.91E-06	1.14E-06	3.42E-03	1.08E-06	3.14E-07
216	487627.14, 3857078.23	1.50E-02	4.74E-06	1.38E-06	6.16E-03	1.94E-06	5.65E-07	1.61E-02	5.08E-06	1.48E-06	7.13E-03	2.25E-06	6.55E-07	1.21E-02	3.81E-06	1.11E-06	3.20E-03	1.01E-06	2.94E-07
217	487677.14, 3857078.23	1.45E-02	4.59E-06	1.33E-06	5.79E-03	1.83E-06	5.32E-07	1.55E-02	4.90E-06	1.43E-06	6.71E-03	2.12E-06	6.16E-07	1.18E-02	3.72E-06	1.08E-06	3.01E-03	9.50E-07	2.76E-07
218	487727.14, 3857078.23	1.41E-02	4.45E-06	1.30E-06	5.46E-03	1.72E-06	5.02E-07	1.51E-02	4.75E-06	1.38E-06	6.33E-03	2.00E-06	5.81E-07	1.15E-02	3.64E-06	1.06E-06	2.84E-03	8.97E-07	2.61E-07
219	487777.14, 3857078.23	1.37E-02	4.33E-06	1.26E-06	5.18E-03	1.63E-06	4.75E-07	1.46E-02	4.61E-06	1.34E-06	6.00E-03	1.89E-06	5.50E-07	1.13E-02	3.56E-06	1.04E-06	2.69E-03	8.50E-07	2.47E-07
220	487427.14, 3857128.23	1.69E-02	5.32E-06	1.55E-06	7.30E-03	2.30E-06	6.70E-07	1.81E-02	5.72E-06	1.66E-06	8.45E-03	2.67E-06	7.76E-07	1.33E-02	4.20E-06	1.22E-06	3.79E-03	1.20E-06	3.48E-07
221	487477.14, 3857128.23	1.62E-02	5.11E-06	1.49E-06	6.79E-03	2.14E-06	6.23E-07	1.74E-02	5.48E-06	1.59E-06	7.86E-03	2.48E-06	7.22E-07	1.29E-02	4.07E-06	1.18E-06	3.53E-03	1.11E-06	3.24E-07
222	487527.14, 3857128.23	1.56E-02	4.92E-06	1.43E-06	6.34E-03	2.00E-06	5.82E-07	1.67E-02	5.26E-06	1.53E-06	7.35E-03	2.32E-06	6.74E-07	1.25E-02	3.96E-06	1.15E-06	3.30E-03	1.04E-06	3.03E-07
223	487577.14, 3857128.23	1.51E-02	4.75E-06	1.38E-06	5.95E-03	1.88E-06	5.46E-07	1.61E-02	5.07E-06	1.48E-06	6.89E-03	2.18E-06	6.33E-07	1.22E-02	3.86E-06	1.12E-06	3.09E-03	9.76E-07	2.84E-07
224	487627.14, 3857128.23	1.46E-02	4.60E-06	1.34E-06	5.60E-03	1.77E-06	5.14E-07	1.56E-02	4.91E-06	1.43E-06	6.49E-03	2.05E-06	5.96E-07	1.19E-02	3.77E-06	1.10E-06	2.91E-03	9.20E-07	2.67E-07
225	487677.14, 3857128.23	1.42E-02	4.47E-06	1.30E-06	5.30E-03	1.67E-06	4.87E-07	1.51E-02	4.76E-06	1.38E-06	6.14E-03	1.94E-06	5.64E-07	1.17E-02	3.68E-06	1.07E-06	2.76E-03	8.70E-07	2.53E-07
226	487727.14, 3857128.23	1.38E-02	4.35E-06	1.27E-06	5.02E-03	1.58E-06	4.61E-07	1.47E-02	4.63E-06	1.35E-06	5.82E-03	1.84E-06	5.34E-07	1.15E-02	3.62E-06	1.05E-06	2.61E-03	8.24E-07	2.40E-07
227	487777.14, 3857128.23	1.34E-02	4.24E-06	1.23E-06	4.78E-03	1.51E-06	4.39E-07	1.43E-02	4.50E-06	1.31E-06	5.53E-03	1.75E-06	5.08E-07	1.12E-02	3.55E-06	1.03E-06	2.48E-03	7.84E-07	2.28E-07
228	488049.44, 3856539.39	1.09E-02	3.44E-06	1.00E-06	4.51E-03	1.42E-06	4.14E-07	1.17E-02	3.69E-06	1.07E-06	5.23E-03	1.65E-06	4.80E-07	8.73E-03	2.76E-06	8.01E-07	2.35E-03	7.41E-07	2.15E-07
229	488099.44, 3856539.39	1.07E-02	3.37E-06	9.80E-07	4.38E-03	1.38E-06	4.02E-07	1.14E-02	3.61E-06	1.05E-06	5.07E-03	1.60E-06	4.65E-07	8.57E-03	2.71E-06	7.87E-07	2.27E-03	7.18E-07	2.09E-07
230	488149.44, 3856539.39	1.05E-02	3.31E-06	9.61E-07	4.24E-03	1.34E-06	3.90E-07	1.12E-02	3.54E-06	1.03E-06	4.92E-03	1.55E-06	4.51E-07	8.44E-03	2.66E-06	7.75E-07	2.21E-03	6.97E-07	2.03E-07
231	488049.44, 3856589.39	1.12E-02	3.53E-06	1.03E-06	4.60E-03	1.45E-06	4.22E-07	1.20E-02	3.78E-06	1.10E-06	5.33E-03	1.68E-06	4.89E-07	8.96E-03	2.83E-06	8.22E-07	2.39E-03	7.55E-07	2.20E-07
232	488099.44, 3856589.39	1.09E-02	3.45E-06	1.00E-06	4.45E-03	1.41E-06	4.09E-07	1.17E-02	3.69E-06	1.07E-06	5.16E-03	1.63E-06	4.73E-07	8.80E-03	2.78E-06	8.07E-07	2.32E-03	7.31E-07	2.13E-07
233	488149.44, 3856589.39	1.07E-02	3.38E-06	9.83E-07	4.31E-03	1.36E-06	3.96E-07	1.15E-02	3.61E-06	1.05E-06	4.99E-03	1.58E-06	4.59E-07	8.65E-03	2.73E-06	7.94E-07	2.24E-03	7.08E-07	2.06E-07
234	488199.44, 3856589.39	1.05E-02	3.31E-06	9.62E-07	4.18E-03	1.32E-06	3.84E-07	1.12E-02	3.54E-06	1.03E-06	4.84E-03	1.53E-06	4.44E-07	8.49E-03	2.68E-06	7.80E-07	2.17E-03	6.86E-07	1.99E-07
235	488249.44, 3856589.39	1.03E-02	3.26E-06	9.48E-07	4.05E-03	1.28E-06	3.72E-07	1.10E-02	3.48E-06	1.01E-06	4.69E-03	1.48E-06	4.31E-07	8.41E-03	2.65E-06	7.72E-07	2.11E-03	6.65E-07	1.93E-07
236	488049.44, 3856639.39	1.14E-02	3.60E-06	1.05E-06	4.67E-03	1.47E-06	4.29E-07	1.22E-02	3.86E-06	1.12E-06	5.41E-03	1.71E-06	4.97E-07	9.17E-03	2.89E-06	8.41E-07	2.43E-03	7.67E-07	2.23E-07
237	488099.44, 3856639.39	1.12E-02	3.52E-06	1.02E-06	4.52E-03	1.43E-06	4.14E-07	1.19E-02	3.77E-06	1.10E-06	5.23E-03	1.65E-06	4.80E-07	9.00E-03	2.84E-06	8.26E-07	2.35E-03	7.41E-07	2.16E-07
238	488149.44, 3856639.39	1.09E-02	3.45E-06	1.00E-06	4.37E-03	1.38E-06	4.01E-07	1.17E-02	3.68E-06	1.07E-06	5.06E-03	1.60E-06	4.64E-07	8.84E-03	2.79E-06	8.11E-07	2.27E-03	7.17E-07	2.08E-07
239	488199.44, 3856639.39	1.07E-02	3.38E-06	9.84E-07	4.22E-03	1.33E-06	3.88E-07	1.14E-02	3.61E-06	1.05E-06	4.89E-03	1.54E-06	4.49E-07	8.71E-03	2.75E-06	7.99E-07	2.20E-03	6.93E-07	2.02E-07
240	488249.44, 3856639.39	1.05E-02	3.32E-06	9.65E-07	4.09E-03	1.29E-06	3.75E-07	1.12E-02	3.54E-06	1.03E-06	4.74E-03	1.49E-06	4.35E-07	8.57E-03	2.71E-06	7.87E-07	2.13E-03	6.71E-07	1.95E-07
241	488299.44, 3856639.39	1.03E-02	3.26E-06	9.47E-07	3.96E-03	1.25E-06	3.64E-07	1.10E-02	3.47E-06	1.01E-06	4.59E-03	1.45E-06	4.21E-07	8.45E-03	2.67E-06	7.76E-07	2.06E-03	6.50E-07	1.89E-07
242	488349.44, 3856639.39	1.01E-02	3.19E-06	9.29E-07	3.84E-03	1.21E-06	3.52E-07	1.08E-02	3.40E-06	9.90E-07	4.45E-03	1.40E-06	4.08E-07	8.31E-03	2.62E-06	7.63E-07	2.00E-03	6.30E-07	1.83E-07
243	488399.44, 3856639.39	9.96E-03	3.14E-06	9.14E-07	3.72E-03	1.17E-06	3.42E-07	1.06E-02	3.35E-06	9.73E-07	4.31E-03	1.36E-06	3.96E-07	8.22E-03	2.59E-06	7.55E-07	1.94E-03	6.11E-07	1.78E-07
244	488099.44, 3856689.39	1.14E-02	3.59E-06	1.04E-06	4.56E-03	1.44E-06	4.18E-07	1.22E-02	3.84E-06	1.12E-06	5.28E-03	1.67E-06	4.85E-07	9.20E-03	2.90E-06	8.44E-07	2.37E-03	7.48E-07	2.18E-07
245	488149.44, 3856689.39	1.11E-02	3.51E-06	1.02E-06	4.40E-03	1.39E-06	4.04E-07	1.19E-02	3.75E-06	1.09E-06	5.10E-03	1.61E-06	4.68E-07	9.03E-03	2.85E-06	8.29E-07	2.29E-03	7.22E-07	2.10E-07
246	488199.44, 3856689.39	1.09E-02	3.44E-06	1.00E-06	4.25E-03	1.34E-06	3.90E-07	1.16E-02	3.67E-06	1.07E-06	4.92E-03	1.55E-06	4.52E-07	8.89E-03	2.80E-06	8.16E-07	2.21E-03	6.98E-07	2.03E-07
247	488249.44, 3856689.39	1.07E-02	3.37E-06	9.80E-07	4.11E-03	1.30E-06	3.77E-07	1.14E-02	3.59E-06	1.04E-06	4.76E-03	1.50E-06	4.37E-07	8.73E-03	2.76E-06	8.02E-07	2.14E-03	6.75E-07	1.96E-07
248	488299.44, 3856689.39	1.05E-02	3.31E-06	9.63E-07	3.97E-03	1.25E-06	3.65E-07	1.12E-02	3.53E-06	1.03E-06	4.60E-03	1.45E-06	4.23E-07	8.62E-03	2.72E-06	7.91E-07	2.07E-03	6.52E-07	1.90E-07
249	488349.44, 3856689.39	1.03E-02	3.24E-06	9.44E-07	3.85E-03	1.21E-06	3.53E-07	1.09E-02	3.45E-06	1.00E-06	4.46E-03	1.41E-06	4.09E-07	8.48E-03	2.68E-06	7.78E-07	2.00E-03	6.32E-07	1.84E-07
250	488399.44, 3856689.39	1.01E-02	3.18E-06	9.24E-07	3.73E-03	1.18E-06	3.42E-07	1.07E-02	3.38E-06	9.83E-07	4.32E-03	1.36E-06	3.97E-07	8.32E-03	2.63E-06	7.64E-07	1.94E-03	6.12E-07	1.78E-07
251	488099.44, 3856739.39	1.16E-02	3.65E-06	1.06E-06	4.58E-03	1.44E-06	4.20E-07	1.24E-02	3.90E-06	1.13E-06	5.30E-03	1.67E-06	4.87E-07	9.39E-03	2.96E-06	8.62E-07	2.38E-03	7.51E-07	2.18E-07
252	488149.44, 3856739.39	1.13E-02	3.56E-06	1.04E-06	4.41E-03	1.39E-06	4.05E-07	1.21E-02	3.80E-06	1.11E-06	5.11E-03	1.61E-06	4.69E-07	9.20E-03	2.90E-06	8.45E-07	2.30E-03	7.24E-07	2.11E-07
253	488199.44, 3856739.39	1.11E-02	3.50E-06	1.02E-06	4.26E-03	1.34E-06	3.91E-07	1.18E-02	3.73E-06	1.08E-06	4.93E-03	1.56E-06	4.52E-07	9.07E-03	2.86E-06	8.32E-07	2.21E-03	6.98E-07	2.03E-07
254	488249.44, 3856739.39	1.08E-02	3.42E-06	9.95E-07	4.11E-03	1.30E-06	3.77E-07	1.15E-02	3.64E-06	1.06E-06	4.76E-03	1.50E-06	4.37E-07	8.90E-03	2.81E-06	8.17E-07	2.14E-03	6.75E-07	1.96E-07
255	488299.44, 3856739.39	1.06E-02	3.34E-06	9.72E-07	3.97E-03	1.25E-06	3.65E-07	1.13E-02	3.56E-06	1.03E-06	4.60E-03	1.45E-06	4.23E-07	8.72E-03	2.75E-06	8.01E-07	2.07E-03	6.52E-07	1.90E-07
256	488349.44, 3856739.39	1.04E-02	3.29E-06	9.56E-07	3.84E-03	1.21E-06	3.52E-07	1.11E-02	3.50E-06	1.02E-06	4.45E-03	1.40E-06	4.08E-07	8.63E-03	2.72E-06	7.92E-07	2.00E-03	6.30E-07	1.83E-07
257	488399.44, 3856739.39	1.03E-02	3.24E-06	9.41E-07	3.71E-03	1.17E-06	3.41E-07	1.09E-02	3.44E-06	1.00E-06	4.30E-03	1.36E-06	3.95E-07	8.54E-03	2.69E-06	7.84E-07	1.93E-03	6.09E-07	1.77E-07
258	487999.44, 3856789.39	1.23E-02	3.87E-06	1.12E-06	4.96E-03	1.56E-06	4.55E-07	1.31E-02	4.14E-06	1.20E-06	5.74E-03	1.81E-06	5.27E-07	9.88E-03	3.12E-06	9.07E-07	2.58E-03	8.13E-07	2.37E-07
259	488049.44, 3856789.39	1.20E-02	3.78E-06	1.10E-06	4.76E-03	1.50E-06	4.37E-07	1.28E-02	4.03E-06	1.17E-06	5.51E-03	1.74E-06	5.06E-07	9.69E-03	3.06E-06	8.90E-07	2.47E-03	7.81E-07	2.27E-07
260	488099.44, 3856789.39	1.17E-02	3.70E-06	1.07E-06	4.57E-03	1.44E-06	4.20E-07	1.25E-02	3.94E-06	1.15E-06	5.29E-03	1.67E-06	4.86E-07	9.54E-03	3.01E-06	8.76E-07	2.38E-03	7.50E-07	2.18E-07

261	488149.44, 3856789.39	1.14E-02	3.61E-06	1.05E-06	4.40E-03	1.39E-06	4.04E-07	1.22E-02	3.85E-06	1.12E-06	5.10E-03	1.61E-06	4.68E-07	9.36E-03	2.95E-06	8.59E-07	2.29E-03	7.22E-07	2.10E-07
262	488199.44, 3856789.39	1.12E-02	3.53E-06	1.03E-06	4.24E-03	1.34E-06	3.89E-07	1.19E-02	3.76E-06	1.10E-06	4.91E-03	1.55E-06	4.51E-07	9.21E-03	2.91E-06	8.45E-07	2.20E-03	6.96E-07	2.02E-07
263	488249.44, 3856789.39	1.10E-02	3.46E-06	1.01E-06	4.09E-03	1.29E-06	3.75E-07	1.17E-02	3.68E-06	1.07E-06	4.73E-03	1.49E-06	4.35E-07	9.05E-03	2.86E-06	8.31E-07	2.13E-03	6.71E-07	1.95E-07
264	488299.44, 3856789.39	1.07E-02	3.38E-06	9.84E-07	3.95E-03	1.25E-06	3.62E-07	1.14E-02	3.60E-06	1.05E-06	4.57E-03	1.44E-06	4.20E-07	8.87E-03	2.80E-06	8.15E-07	2.05E-03	6.48E-07	1.88E-07
265	488349.44, 3856789.39	1.05E-02	3.33E-06	9.68E-07	3.81E-03	1.20E-06	3.50E-07	1.12E-02	3.53E-06	1.03E-06	4.41E-03	1.39E-06	4.05E-07	8.78E-03	2.77E-06	8.06E-07	1.98E-03	6.25E-07	1.82E-07
266	488399.44, 3856789.39	1.04E-02	3.27E-06	9.51E-07	3.68E-03	1.16E-06	3.38E-07	1.10E-02	3.47E-06	1.01E-06	4.26E-03	1.35E-06	3.91E-07	8.67E-03	2.74E-06	7.96E-07	1.91E-03	6.04E-07	1.76E-07
267	487949.44, 3856839.39	1.27E-02	4.01E-06	1.17E-06	5.15E-03	1.63E-06	4.73E-07	1.36E-02	4.29E-06	1.25E-06	5.97E-03	1.88E-06	5.48E-07	1.02E-02	3.23E-06	9.39E-07	2.68E-03	8.46E-07	2.46E-07
268	487999.44, 3856839.39	1.24E-02	3.91E-06	1.14E-06	4.93E-03	1.56E-06	4.53E-07	1.32E-02	4.17E-06	1.21E-06	5.71E-03	1.80E-06	5.25E-07	1.00E-02	3.16E-06	9.20E-07	2.56E-03	8.10E-07	2.35E-07
269	488049.44, 3856839.39	1.21E-02	3.81E-06	1.11E-06	4.73E-03	1.49E-06	4.34E-07	1.29E-02	4.07E-06	1.18E-06	5.48E-03	1.73E-06	5.03E-07	9.83E-03	3.10E-06	9.03E-07	2.46E-03	7.76E-07	2.26E-07
270	488099.44, 3856839.39	1.18E-02	3.72E-06	1.08E-06	4.54E-03	1.43E-06	4.16E-07	1.26E-02	3.97E-06	1.16E-06	5.25E-03	1.66E-06	4.82E-07	9.66E-03	3.05E-06	8.87E-07	2.36E-03	7.44E-07	2.17E-07
271	488149.44, 3856839.39	1.15E-02	3.64E-06	1.06E-06	4.36E-03	1.38E-06	4.00E-07	1.23E-02	3.88E-06	1.13E-06	5.05E-03	1.59E-06	4.63E-07	9.50E-03	3.00E-06	8.72E-07	2.27E-03	7.15E-07	2.08E-07
272	488199.44, 3856839.39	1.13E-02	3.57E-06	1.04E-06	4.19E-03	1.32E-06	3.85E-07	1.20E-02	3.79E-06	1.10E-06	4.85E-03	1.53E-06	4.46E-07	9.34E-03	2.95E-06	8.58E-07	2.18E-03	6.88E-07	2.00E-07
273	487949.44, 3856889.39	1.28E-02	4.03E-06	1.17E-06	5.09E-03	1.61E-06	4.68E-07	1.36E-02	4.31E-06	1.25E-06	5.90E-03	1.86E-06	5.42E-07	1.03E-02	3.26E-06	9.49E-07	2.65E-03	8.36E-07	2.43E-07
274	487999.44, 3856889.39	1.25E-02	3.93E-06	1.14E-06	4.86E-03	1.54E-06	4.46E-07	1.33E-02	4.20E-06	1.22E-06	5.63E-03	1.78E-06	5.17E-07	1.02E-02	3.21E-06	9.33E-07	2.53E-03	7.98E-07	2.32E-07
275	488049.44, 3856889.39	1.21E-02	3.83E-06	1.11E-06	4.66E-03	1.47E-06	4.28E-07	1.29E-02	4.08E-06	1.19E-06	5.40E-03	1.70E-06	4.95E-07	9.94E-03	3.14E-06	9.12E-07	2.42E-03	7.65E-07	2.22E-07
276	488099.44, 3856889.39	1.19E-02	3.75E-06	1.09E-06	4.46E-03	1.41E-06	4.10E-07	1.26E-02	3.99E-06	1.16E-06	5.17E-03	1.63E-06	4.75E-07	9.78E-03	3.09E-06	8.98E-07	2.32E-03	7.32E-07	2.13E-07
277	488635.86, 3857895.05	2.34E-02	7.38E-06	2.15E-06	1.14E-03	3.59E-07	1.04E-07	2.36E-02	7.43E-06	2.16E-06	1.29E-03	4.08E-07	1.19E-07	2.34E-02	7.39E-06	2.15E-06	6.70E-04	2.12E-07	6.16E-08
278	489137.64, 3857804.15	1.45E-02	4.58E-06	1.33E-06	1.12E-03	3.53E-07	1.03E-07	1.47E-02	4.64E-06	1.35E-06	1.28E-03	4.05E-07	1.18E-07	1.44E-02	4.54E-06	1.32E-06	6.12E-04	1.93E-07	5.62E-08
279	488617.32, 3857859.41	2.29E-02	7.23E-06	2.10E-06	1.18E-03	3.73E-07	1.09E-07	2.31E-02	7.28E-06	2.12E-06	1.34E-03	4.24E-07	1.23E-07	2.29E-02	7.22E-06	2.10E-06	6.91E-04	2.18E-07	6.35E-08
280	488667.32, 3857859.41	2.17E-02	6.85E-06	1.99E-06	1.17E-03	3.69E-07	1.07E-07	2.19E-02	6.90E-06	2.01E-06	1.33E-03	4.20E-07	1.22E-07	2.17E-02	6.84E-06	1.99E-06	6.77E-04	2.14E-07	6.22E-08
281	488717.32, 3857859.41	2.06E-02	6.50E-06	1.89E-06	1.15E-03	3.64E-07	1.06E-07	2.08E-02	6.55E-06	1.91E-06	1.32E-03	4.15E-07	1.21E-07	2.06E-02	6.49E-06	1.89E-06	6.64E-04	2.10E-07	6.09E-08
282	488767.32, 3857859.41	1.96E-02	6.20E-06	1.80E-06	1.14E-03	3.60E-07	1.05E-07	1.98E-02	6.25E-06	1.82E-06	1.30E-03	4.10E-07	1.19E-07	1.96E-02	6.19E-06	1.80E-06	6.50E-04	2.05E-07	5.97E-08
283	488617.32, 3857909.41	2.42E-02	7.64E-06	2.22E-06	1.13E-03	3.56E-07	1.04E-07	2.44E-02	7.70E-06	2.24E-06	1.28E-03	4.03E-07	1.17E-07	2.43E-02	7.66E-06	2.23E-06	6.70E-04	2.11E-07	6.15E-08
284	488667.32, 3857909.41	2.27E-02	7.16E-06	2.08E-06	1.11E-03	3.50E-07	1.02E-07	2.29E-02	7.22E-06	2.10E-06	1.26E-03	3.97E-07	1.16E-07	2.27E-02	7.18E-06	2.09E-06	6.50E-04	2.05E-07	5.97E-08
285	488717.32, 3857909.41	2.13E-02	6.72E-06	1.95E-06	1.09E-03	3.46E-07	1.01E-07	2.15E-02	6.77E-06	1.97E-06	1.25E-03	3.93E-07	1.14E-07	2.13E-02	6.73E-06	1.96E-06	6.36E-04	2.01E-07	5.84E-08
286	488767.32, 3857909.41	2.02E-02	6.36E-06	1.85E-06	1.08E-03	3.41E-07	9.91E-08	2.03E-02	6.41E-06	1.87E-06	1.23E-03	3.88E-07	1.13E-07	2.02E-02	6.37E-06	1.85E-06	6.21E-04	1.96E-07	5.70E-08
287	488417.32, 3857959.41	3.51E-02	1.11E-05	3.22E-06	1.19E-03	3.74E-07	1.09E-07	3.52E-02	1.11E-05	3.23E-06	1.32E-03	4.18E-07	1.22E-07	3.52E-02	1.11E-05	3.23E-06	7.65E-04	2.41E-07	7.02E-08
288	488467.32, 3857959.41	3.16E-02	9.98E-06	2.90E-06	1.14E-03	3.61E-07	1.05E-07	3.18E-02	1.00E-05	2.92E-06	1.28E-03	4.05E-07	1.18E-07	3.17E-02	1.00E-05	2.91E-06	7.21E-04	2.28E-07	6.62E-08
289	488517.32, 3857959.41	2.87E-02	9.06E-06	2.63E-06	1.11E-03	3.50E-07	1.02E-07	2.89E-02	9.11E-06	2.65E-06	1.25E-03	3.94E-07	1.15E-07	2.88E-02	9.10E-06	2.65E-06	6.85E-04	2.16E-07	6.29E-08
290	488567.32, 3857959.41	2.63E-02	8.30E-06	2.41E-06	1.08E-03	3.41E-07	9.92E-08	2.64E-02	8.35E-06	2.43E-06	1.22E-03	3.85E-07	1.12E-07	2.64E-02	8.33E-06	2.42E-06	6.56E-04	2.07E-07	6.02E-08
291	488617.32, 3857959.41	2.43E-02	7.66E-06	2.23E-06	1.06E-03	3.34E-07	9.72E-08	2.44E-02	7.71E-06	2.24E-06	1.20E-03	3.79E-07	1.10E-07	2.44E-02	7.70E-06	2.24E-06	6.33E-04	2.00E-07	5.81E-08
292	488667.32, 3857959.41	2.26E-02	7.14E-06	2.08E-06	1.04E-03	3.29E-07	9.56E-08	2.28E-02	7.18E-06	2.09E-06	1.18E-03	3.73E-07	1.09E-07	2.27E-02	7.16E-06	2.08E-06	6.14E-04	1.94E-07	5.63E-08
293	488717.32, 3857959.41	2.12E-02	6.70E-06	1.95E-06	1.03E-03	3.24E-07	9.42E-08	2.14E-02	6.74E-06	1.96E-06	1.17E-03	3.69E-07	1.07E-07	2.13E-02	6.72E-06	1.96E-06	5.98E-04	1.89E-07	5.49E-08
294	488767.32, 3857959.41	2.00E-02	6.32E-06	1.84E-06	1.01E-03	3.20E-07	9.31E-08	2.02E-02	6.37E-06	1.85E-06	1.16E-03	3.65E-07	1.06E-07	2.01E-02	6.35E-06	1.85E-06	5.84E-04	1.84E-07	5.36E-08
295	488417.32, 3858009.41	3.27E-02	1.03E-05	3.00E-06	1.09E-03	3.45E-07	1.00E-07	3.29E-02	1.04E-05	3.02E-06	1.22E-03	3.85E-07	1.12E-07	3.29E-02	1.04E-05	3.02E-06	6.98E-04	2.20E-07	6.41E-08
296	488467.32, 3858009.41	2.95E-02	9.31E-06	2.71E-06	1.05E-03	3.32E-07	9.65E-08	2.96E-02	9.35E-06	2.72E-06	1.18E-03	3.73E-07	1.08E-07	2.97E-02	9.36E-06	2.72E-06	6.57E-04	2.07E-07	6.03E-08
297	488517.32, 3858009.41	2.69E-02	8.48E-06	2.47E-06	1.02E-03	3.22E-07	9.36E-08	2.70E-02	8.52E-06	2.48E-06	1.15E-03	3.63E-07	1.06E-07	2.70E-02	8.53E-06	2.48E-06	6.25E-04	1.97E-07	5.74E-08
298	488567.32, 3858009.41	2.47E-02	7.81E-06	2.27E-06	9.95E-04	3.14E-07	9.14E-08	2.49E-02	7.86E-06	2.28E-06	1.13E-03	3.55E-07	1.03E-07	2.49E-02	7.86E-06	2.29E-06	5.99E-04	1.89E-07	5.50E-08
299	488617.32, 3858009.41	2.30E-02	7.26E-06	2.11E-06	9.78E-04	3.09E-07	8.98E-08	2.31E-02	7.31E-06	2.12E-06	1.11E-03	3.50E-07	1.02E-07	2.32E-02	7.31E-06	2.13E-06	5.80E-04	1.83E-07	5.33E-08
300	488667.32, 3858009.41	2.16E-02	6.80E-06	1.98E-06	9.65E-04	3.05E-07	8.86E-08	2.17E-02	6.85E-06	1.99E-06	1.10E-03	3.46E-07	1.01E-07	2.17E-02	6.85E-06	1.99E-06	5.65E-04	1.78E-07	5.19E-08
301	488717.32, 3858009.41	2.03E-02	6.42E-06	1.87E-06	9.53E-04	3.01E-07	8.75E-08	2.05E-02	6.47E-06	1.88E-06	1.09E-03	3.43E-07	9.97E-08	2.05E-02	6.46E-06	1.88E-06	5.52E-04	1.74E-07	5.07E-08
302	488767.32, 3858009.41	1.93E-02	6.10E-06	1.77E-06	9.44E-04	2.98E-07	8.67E-08	1.95E-02	6.14E-06	1.79E-06	1.08E-03	3.40E-07	9.88E-08	1.95E-02	6.14E-06	1.79E-06	5.42E-04	1.71E-07	4.97E-08
303	488417.32, 3858059.41	2.71E-02	8.55E-06	2.49E-06	9.59E-04	3.03E-07	8.81E-08	2.72E-02	8.59E-06	2.50E-06	1.08E-03	3.41E-07	9.92E-08	2.73E-02	8.63E-06	2.51E-06	5.91E-04	1.86E-07	5.42E-08
304	488467.32, 3858059.41	2.52E-02	7.96E-06	2.31E-06	9.36E-04	2.95E-07	8.59E-08	2.53E-02	8.00E-06	2.33E-06	1.06E-03	3.34E-07	9.71E-08	2.55E-02	8.03E-06	2.34E-06	5.67E-04	1.79E-07	5.21E-08
305	488517.32, 3858059.41	2.36E-02	7.44E-06	2.17E-06	9.17E-04	2.90E-07	8.42E-08	2.37E-02	7.49E-06	2.18E-06	1.04E-03	3.28E-07	9.54E-08	2.38E-02	7.52E-06	2.19E-06	5.48E-04	1.73E-07	5.03E-08
306	488567.32, 3858059.41	2.22E-02	7.01E-06	2.04E-06	9.03E-04	2.85E-07	8.29E-08	2.23E-02	7.05E-06	2.05E-06	1.02E-03	3.23E-07	9.41E-08	2.24E-02	7.08E-06	2.06E-06	5.32E-04	1.68E-07	4.89E-08
307	488617.32, 3858059.41	2.10E-02	6.63E-06	1.93E-06	8.91E-04	2.81E-07	8.18E-08	2.11E-02	6.67E-06	1.94E-06	1.01E-03	3.20E-07	9.30E-08	2.12E-02	6.70E-06	1.95E-06	5.20E-04	1.64E-07	4.77E-08
308	488667.32, 3858059.41	2.00E-02	6.31E-06	1.84E-06	8.84E-04	2.79E-07	8.11E-08	2.01E-02	6.35E-06	1.85E-06	1.01E-03	3.18E-07	9.24E-08	2.02E-02	6.37E-06	1.85E-06	5.10E-04	1.61E-07	4.69E-08
309	488417.32, 3858109.41	2.23E-02	7.03E-06	2.04E-06	8.48E-04	2.68E-07	7.79E-08	2.24E-02	7.07E-06	2.06E-06	9.63E-04	3.04E-07	8.84E-08	2.26E-02	7.12E-06	2.07E-06	4.99E-04	1.58E-07	4.58E-08
310	488467.32, 3858109.41	2.15E-02	6.77E-06	1.97E-06	8.37E-04	2.64E-07	7.68E-08	2.16E-02	6.81E-06	1.98E-06	9.51E-04	3.00E-07	8.73E-08	2.18E-02	6.87E-06	2.00E-06	4.89E-04	1.54E-07	4.49E-08
311	488517.32, 3858109.41	2.06E-02	6.52E-06	1.90E-06	8.26E-04	2.61E-07	7.59E-08	2.08E-02	6.56E-06	1.91E-06	9.41E-04	2.97E-07	8.64E-08	2.09E-02	6.61E-06	1.92E-06	4.79E-04	1.51E-07	4.40E-08
312	488567.32, 3858109.41	1.99E-02	6.27E-06	1.82E-06	8.19E-04	2.58E-07	7.52E-08	2.00E-02	6.31E-06	1.84E-06	9.33E-04	2.95E-07	8.57E-08	2.01E-02	6.36E-06	1.85E-06	4.71E-04	1.49E-07	4.33E-08
313	488617.32, 3858109.41	1.92E-02	6.05E-06	1.76E-06	8.12E-04	2.56E-07	7.46E-08	1.93E-02	6.09E-06	1.77E-06	9.27E-04	2.93E-07	8.51E-08	1.94E-02	6.13E-06	1.78E-06	4.64E-04	1.47E-07	4.26E-08
314	488667.32, 3858109.41	1.85E-02	5.84E-06	1.70E-06	8.09E-04	2.55E-07	7.43E-08	1.86E-02	5.88E-06	1.71E-06	9.25E-04	2.92E-07	8.49E-08	1.87E-02	5.92E-06	1.72E-06	4.60E-04	1.45E-07	4.22E-08
315	488769.93, 3858449.27	1.66E-02	5.23E-06	1.52E-06	5.36E-04	1.69E-07	4.92E-08	1.67E-02	5.26E-06	1.53E-06	6.19E-04	1.95E-07	5.68E-08	1.71E-02	5.40E-06	1.57E-06	2.87E-04	9.05E-08	2.63E-08
316	488819.93, 3858449.27	1.63E-02	5.16E-06	1.50E-06	5.35E-04	1.69E-07	4.91E-08	1.64E-02	5.19E-06	1.51E-06	6.17E-04	1.95E-07	5.66E-08	1.69E-02	5.33E-06	1.55E-06	2.86E-04	9.03E-08	2.63E-08
317	488819.93, 3858499.27	1.69E-02	5.34E-06	1.55E-06	5.14E-04	1.62E-07	4.72E-08	1.70E-02	5.36E-06	1.56E-06	5.93E-04	1.87E-07	5.44E-08	1.75E-02	5.52E-06	1.61E-06	2.74E-04	8.65E-08	2.52E-08
318	488869.93, 3858499.27	1.67E-02	5.27E-06	1.53E-06	5.12E-04	1.62E-07	4.70E-08	1.68E-02	5.29E-06	1.54E-06	5.90E-04	1.86E-07	5.42E-08	1.73E-02	5.45E-06	1.59E-06	2.73E-04	8.62E-08	2.51E-08
319	488869.93, 3858549.27	1.74E-02	5.51E-06	1.60E-06	4.93E-04	1.56E-07	4.53E-08	1.75E-02	5.53E-06	1.61E-06	5.69E-04	1.80E-07	5.22E-08	1.81E-02	5.71E-06	1.66E-06	2.63E-04	8.29E-08	2.41E-08
320	489438.17, 3859571.48	2.49E-02	7.87E-06	2.29E-06	2.81E-04	8.88E-08	2.58E-08	2.50E-02	7.88E-06	2.29E-06	3.24E-04	1.02E-07	2.97E-08	2.61E-02	8.25E-06	2.40E-06	1.53E-04	4.83E-08	1.40E-08
321	489488.17, 3859571.48	2.41E-02	7.62E-06	2.22E-06	2.81E-04	8.88E-08	2.58E-08	2.42E-02	7.63E-06	2.22E-06	3.24E-04	1.02E-07	2.97E-08	2.53E-02	7.98E-06	2.32E-06	1.53E-04	4.82E-08	1.40E-08
322	489538.17, 3859571.48	2.34E-02	7.39E-06	2.15E-06	2.81E-04	8.87E-08	2.58E-08	2.35E-02	7.40E-06	2.15E-06	3.23E-04	1.02E-07	2.97E-08	2.45E-02	7.74E-06	2.25E-06	1.52E-04	4.80E-08	1.40E-08
323	489588.17, 3859571.48	2.28E-02	7.19E-06	2.09E-06	2.80E-04	8.84E-08	2.57E-08	2.28E-02	7.20E-06	2.09E-06	3.22E-04	1.02E-07	2.96E-08	2.39E-02	7.53E-06	2.19E-06	1.51E-04	4.78E-08	1.39E-08
324	489438.17, 3859621.48	2.44E-02	7.71E-06	2.24E-06	2.74E-04	8.63E-08	2.51E-08	2.45E-02	7.72E-06	2.25E-06	3.15E-04	9.93E-08	2.89E-08	2.56E-02	8.08E-06	2.35E-06	1.49E-04	4.70E-08	1.37E-08
325	489488.17, 3859621.48	2.37E-02	7.48E-06	2.18E-06	2.74E-04	8.64E-08	2.51E-08	2.38E-02	7.50E-06	2.18E-06	3.15E-04	9.94E-08	2.89E-08	2.48E-02	7.84E-06	2.28E-06	1.49E-04	4.69E-08	1.37E-08
326	489538.17, 3859621.48	2.30E-02	7.27E-06	2.12E-06	2.74E-04	8.64E-08	2.51E-08	2.31E-02	7.29E-06	2.12E-06	3.15E-04	9.94E-08	2.89E-08	2.41E-02	7.62E-06	2.22E-06	1.48E-04	4.69E-08	1.36E-08

327	489588.17, 3859621.48	2.24E-02	7.06E-06	2.05E-06	2.74E-04	8.64E-08	2.51E-08	2.24E-02	7.07E-06	2.06E-06	3.15E-04	9.95E-08	2.89E-08	2.34E-02	7.39E-06	2.15E-06	1.48E-04	4.68E-08	1.36E-08
328	489238.17, 3859671.48	2.70E-02	8.53E-06	2.48E-06	2.63E-04	8.32E-08	2.42E-08	2.71E-02	8.54E-06	2.48E-06	3.02E-04	9.54E-08	2.78E-08	2.83E-02	8.94E-06	2.60E-06	1.45E-04	4.59E-08	1.33E-08
329	489288.17, 3859671.48	2.62E-02	8.27E-06	2.41E-06	2.64E-04	8.32E-08	2.42E-08	2.63E-02	8.29E-06	2.41E-06	3.03E-04	9.56E-08	2.78E-08	2.75E-02	8.68E-06	2.52E-06	1.45E-04	4.58E-08	1.33E-08
330	489338.17, 3859671.48	2.54E-02	8.02E-06	2.33E-06	2.64E-04	8.34E-08	2.43E-08	2.55E-02	8.04E-06	2.34E-06	3.04E-04	9.59E-08	2.79E-08	2.67E-02	8.41E-06	2.45E-06	1.45E-04	4.57E-08	1.33E-08
331	489388.17, 3859671.48	2.46E-02	7.77E-06	2.26E-06	2.65E-04	8.37E-08	2.44E-08	2.47E-02	7.79E-06	2.26E-06	3.05E-04	9.62E-08	2.80E-08	2.58E-02	8.15E-06	2.37E-06	1.45E-04	4.58E-08	1.33E-08
332	489438.17, 3859671.48	2.40E-02	7.56E-06	2.20E-06	2.66E-04	8.39E-08	2.44E-08	2.40E-02	7.58E-06	2.20E-06	3.06E-04	9.64E-08	2.81E-08	2.51E-02	7.93E-06	2.31E-06	1.45E-04	4.57E-08	1.33E-08
333	489488.17, 3859671.48	2.32E-02	7.34E-06	2.13E-06	2.67E-04	8.41E-08	2.45E-08	2.33E-02	7.35E-06	2.14E-06	3.07E-04	9.68E-08	2.82E-08	2.44E-02	7.69E-06	2.24E-06	1.45E-04	4.57E-08	1.33E-08
334	489538.17, 3859671.48	2.26E-02	7.14E-06	2.08E-06	2.67E-04	8.43E-08	2.45E-08	2.27E-02	7.15E-06	2.08E-06	3.07E-04	9.70E-08	2.82E-08	2.37E-02	7.48E-06	2.17E-06	1.45E-04	4.57E-08	1.33E-08
335	489588.17, 3859671.48	2.20E-02	6.94E-06	2.02E-06	2.67E-04	8.44E-08	2.45E-08	2.20E-02	6.96E-06	2.02E-06	3.08E-04	9.71E-08	2.82E-08	2.30E-02	7.27E-06	2.12E-06	1.45E-04	4.57E-08	1.33E-08
336	489238.17, 3859721.48	2.65E-02	8.36E-06	2.43E-06	2.56E-04	8.08E-08	2.35E-08	2.65E-02	8.38E-06	2.44E-06	2.94E-04	9.27E-08	2.70E-08	2.78E-02	8.77E-06	2.55E-06	1.41E-04	4.46E-08	1.30E-08
337	489288.17, 3859721.48	2.56E-02	8.07E-06	2.35E-06	2.57E-04	8.10E-08	2.36E-08	2.56E-02	8.08E-06	2.35E-06	2.95E-04	9.30E-08	2.70E-08	2.68E-02	8.46E-06	2.46E-06	1.41E-04	4.46E-08	1.30E-08
338	489338.17, 3859721.48	2.49E-02	7.85E-06	2.28E-06	2.57E-04	8.11E-08	2.36E-08	2.49E-02	7.86E-06	2.29E-06	2.95E-04	9.32E-08	2.71E-08	2.61E-02	8.23E-06	2.39E-06	1.41E-04	4.45E-08	1.29E-08
339	489388.17, 3859721.48	2.42E-02	7.64E-06	2.22E-06	2.58E-04	8.13E-08	2.37E-08	2.42E-02	7.65E-06	2.23E-06	2.96E-04	9.35E-08	2.72E-08	2.54E-02	8.01E-06	2.33E-06	1.41E-04	4.45E-08	1.29E-08
340	489438.17, 3859721.48	2.36E-02	7.44E-06	2.16E-06	2.58E-04	8.15E-08	2.37E-08	2.36E-02	7.46E-06	2.17E-06	2.97E-04	9.37E-08	2.72E-08	2.47E-02	7.80E-06	2.27E-06	1.41E-04	4.44E-08	1.29E-08
341	489488.17, 3859721.48	2.29E-02	7.23E-06	2.10E-06	2.59E-04	8.18E-08	2.38E-08	2.29E-02	7.24E-06	2.11E-06	2.98E-04	9.41E-08	2.74E-08	2.40E-02	7.57E-06	2.20E-06	1.41E-04	4.45E-08	1.29E-08
342	489538.17, 3859721.48	2.23E-02	7.03E-06	2.05E-06	2.60E-04	8.21E-08	2.39E-08	2.23E-02	7.05E-06	2.05E-06	2.99E-04	9.44E-08	2.75E-08	2.33E-02	7.37E-06	2.14E-06	1.41E-04	4.45E-08	1.30E-08
343	489588.17, 3859721.48	2.17E-02	6.85E-06	1.99E-06	2.61E-04	8.22E-08	2.39E-08	2.17E-02	6.86E-06	2.00E-06	3.00E-04	9.47E-08	2.75E-08	2.27E-02	7.17E-06	2.09E-06	1.41E-04	4.45E-08	1.30E-08
344	489238.17, 3859771.48	2.61E-02	8.24E-06	2.40E-06	2.49E-04	7.85E-08	2.28E-08	2.62E-02	8.26E-06	2.40E-06	2.85E-04	9.01E-08	2.62E-08	2.74E-02	8.65E-06	2.52E-06	1.37E-04	4.33E-08	1.26E-08
345	489288.17, 3859771.48	2.52E-02	7.97E-06	2.32E-06	2.49E-04	7.87E-08	2.29E-08	2.53E-02	7.98E-06	2.32E-06	2.86E-04	9.03E-08	2.63E-08	2.65E-02	8.36E-06	2.43E-06	1.37E-04	4.33E-08	1.26E-08
346	489338.17, 3859771.48	2.46E-02	7.77E-06	2.26E-06	2.49E-04	7.87E-08	2.29E-08	2.46E-02	7.78E-06	2.26E-06	2.87E-04	9.04E-08	2.63E-08	2.58E-02	8.14E-06	2.37E-06	1.37E-04	4.32E-08	1.26E-08
347	489388.17, 3859771.48	2.40E-02	7.56E-06	2.20E-06	2.50E-04	7.89E-08	2.30E-08	2.40E-02	7.57E-06	2.20E-06	2.87E-04	9.07E-08	2.64E-08	2.51E-02	7.93E-06	2.31E-06	1.37E-04	4.32E-08	1.26E-08
348	489438.17, 3859771.48	2.34E-02	7.37E-06	2.15E-06	2.51E-04	7.91E-08	2.30E-08	2.34E-02	7.39E-06	2.15E-06	2.88E-04	9.09E-08	2.64E-08	2.45E-02	7.73E-06	2.25E-06	1.37E-04	4.31E-08	1.25E-08
349	489488.17, 3859771.48	2.27E-02	7.16E-06	2.08E-06	2.52E-04	7.95E-08	2.31E-08	2.27E-02	7.17E-06	2.09E-06	2.90E-04	9.15E-08	2.66E-08	2.38E-02	7.50E-06	2.18E-06	1.37E-04	4.33E-08	1.26E-08
350	489538.17, 3859771.48	2.20E-02	6.95E-06	2.02E-06	2.53E-04	7.99E-08	2.32E-08	2.21E-02	6.97E-06	2.03E-06	2.91E-04	9.19E-08	2.67E-08	2.31E-02	7.29E-06	2.12E-06	1.37E-04	4.33E-08	1.26E-08
351	489588.17, 3859771.48	2.15E-02	6.79E-06	1.97E-06	2.54E-04	8.00E-08	2.33E-08	2.15E-02	6.80E-06	1.98E-06	2.92E-04	9.21E-08	2.68E-08	2.25E-02	7.11E-06	2.07E-06	1.37E-04	4.34E-08	1.26E-08
352	489238.17, 3859821.48	2.61E-02	8.23E-06	2.39E-06	2.42E-04	7.63E-08	2.22E-08	2.61E-02	8.24E-06	2.40E-06	2.77E-04	8.75E-08	2.55E-08	2.74E-02	8.64E-06	2.51E-06	1.33E-04	4.21E-08	1.22E-08
353	489288.17, 3859821.48	2.52E-02	7.96E-06	2.31E-06	2.42E-04	7.64E-08	2.22E-08	2.52E-02	7.97E-06	2.32E-06	2.78E-04	8.78E-08	2.55E-08	2.64E-02	8.35E-06	2.43E-06	1.33E-04	4.20E-08	1.22E-08
354	489338.17, 3859821.48	2.45E-02	7.75E-06	2.25E-06	2.42E-04	7.65E-08	2.22E-08	2.46E-02	7.76E-06	2.26E-06	2.78E-04	8.79E-08	2.56E-08	2.57E-02	8.13E-06	2.36E-06	1.33E-04	4.19E-08	1.22E-08
355	489388.17, 3859821.48	2.39E-02	7.54E-06	2.19E-06	2.43E-04	7.67E-08	2.23E-08	2.39E-02	7.56E-06	2.20E-06	2.79E-04	8.81E-08	2.56E-08	2.51E-02	7.91E-06	2.30E-06	1.33E-04	4.19E-08	1.22E-08
356	489438.17, 3859821.48	2.32E-02	7.32E-06	2.13E-06	2.44E-04	7.70E-08	2.24E-08	2.32E-02	7.34E-06	2.13E-06	2.80E-04	8.85E-08	2.57E-08	2.43E-02	7.68E-06	2.23E-06	1.33E-04	4.20E-08	1.22E-08
357	489488.17, 3859821.48	2.25E-02	7.12E-06	2.07E-06	2.45E-04	7.73E-08	2.25E-08	2.26E-02	7.13E-06	2.07E-06	2.82E-04	8.90E-08	2.59E-08	2.36E-02	7.46E-06	2.17E-06	1.33E-04	4.21E-08	1.22E-08
358	489538.17, 3859821.48	2.19E-02	6.91E-06	2.01E-06	2.46E-04	7.77E-08	2.26E-08	2.19E-02	6.93E-06	2.01E-06	2.83E-04	8.94E-08	2.60E-08	2.30E-02	7.25E-06	2.11E-06	1.34E-04	4.22E-08	1.23E-08
359	489588.17, 3859821.48	2.14E-02	6.75E-06	1.96E-06	2.47E-04	7.79E-08	2.27E-08	2.14E-02	6.76E-06	1.97E-06	2.84E-04	8.97E-08	2.61E-08	2.24E-02	7.07E-06	2.06E-06	1.34E-04	4.22E-08	1.23E-08
360	489238.17, 3859871.48	2.64E-02	8.32E-06	2.42E-06	2.35E-04	7.43E-08	2.16E-08	2.64E-02	8.33E-06	2.42E-06	2.70E-04	8.52E-08	2.48E-08	2.77E-02	8.73E-06	2.54E-06	1.30E-04	4.10E-08	1.19E-08
361	489288.17, 3859871.48	2.56E-02	8.07E-06	2.35E-06	2.35E-04	7.43E-08	2.16E-08	2.56E-02	8.09E-06	2.35E-06	2.70E-04	8.53E-08	2.48E-08	2.68E-02	8.47E-06	2.46E-06	1.29E-04	4.09E-08	1.19E-08
362	489338.17, 3859871.48	2.47E-02	7.80E-06	2.27E-06	2.36E-04	7.44E-08	2.16E-08	2.48E-02	7.82E-06	2.27E-06	2.71E-04	8.54E-08	2.49E-08	2.59E-02	8.19E-06	2.38E-06	1.29E-04	4.08E-08	1.19E-08
363	489388.17, 3859871.48	2.40E-02	7.57E-06	2.20E-06	2.36E-04	7.46E-08	2.17E-08	2.40E-02	7.58E-06	2.20E-06	2.72E-04	8.58E-08	2.49E-08	2.51E-02	7.94E-06	2.31E-06	1.29E-04	4.08E-08	1.19E-08
364	489438.17, 3859871.48	2.32E-02	7.31E-06	2.13E-06	2.38E-04	7.50E-08	2.18E-08	2.32E-02	7.33E-06	2.13E-06	2.73E-04	8.63E-08	2.51E-08	2.43E-02	7.67E-06	2.23E-06	1.30E-04	4.09E-08	1.19E-08
365	489488.17, 3859871.48	2.23E-02	7.05E-06	2.05E-06	2.39E-04	7.55E-08	2.20E-08	2.24E-02	7.07E-06	2.06E-06	2.75E-04	8.69E-08	2.53E-08	2.34E-02	7.39E-06	2.15E-06	1.30E-04	4.11E-08	1.19E-08
366	489538.17, 3859871.48	2.18E-02	6.89E-06	2.00E-06	2.40E-04	7.57E-08	2.20E-08	2.19E-02	6.90E-06	2.01E-06	2.76E-04	8.71E-08	2.53E-08	2.29E-02	7.22E-06	2.10E-06	1.30E-04	4.11E-08	1.19E-08
367	489588.17, 3859871.48	2.13E-02	6.71E-06	1.95E-06	2.41E-04	7.60E-08	2.21E-08	2.13E-02	6.72E-06	1.96E-06	2.77E-04	8.74E-08	2.54E-08	2.23E-02	7.03E-06	2.05E-06	1.30E-04	4.11E-08	1.20E-08
368	489238.17, 3859921.48	2.69E-02	8.48E-06	2.47E-06	2.29E-04	7.24E-08	2.11E-08	2.69E-02	8.50E-06	2.47E-06	2.63E-04	8.31E-08	2.42E-08	2.82E-02	8.91E-06	2.59E-06	1.26E-04	3.99E-08	1.16E-08
369	489288.17, 3859921.48	2.58E-02	8.14E-06	2.37E-06	2.30E-04	7.25E-08	2.11E-08	2.58E-02	8.15E-06	2.37E-06	2.64E-04	8.33E-08	2.42E-08	2.71E-02	8.54E-06	2.49E-06	1.26E-04	3.98E-08	1.16E-08
370	489338.17, 3859921.48	2.50E-02	7.88E-06	2.29E-06	2.30E-04	7.26E-08	2.11E-08	2.50E-02	7.89E-06	2.30E-06	2.64E-04	8.34E-08	2.43E-08	2.62E-02	8.27E-06	2.40E-06	1.26E-04	3.98E-08	1.16E-08
371	489388.17, 3859921.48	2.41E-02	7.60E-06	2.21E-06	2.31E-04	7.28E-08	2.12E-08	2.41E-02	7.61E-06	2.21E-06	2.65E-04	8.37E-08	2.43E-08	2.53E-02	7.97E-06	2.32E-06	1.26E-04	3.98E-08	1.16E-08
372	489438.17, 3859921.48	2.31E-02	7.30E-06	2.12E-06	2.32E-04	7.33E-08	2.13E-08	2.32E-02	7.31E-06	2.13E-06	2.67E-04	8.42E-08	2.45E-08	2.42E-02	7.65E-06	2.23E-06	1.26E-04	3.99E-08	1.16E-08
373	489488.17, 3859921.48	2.24E-02	7.07E-06	2.06E-06	2.33E-04	7.35E-08	2.14E-08	2.24E-02	7.08E-06	2.06E-06	2.68E-04	8.46E-08	2.46E-08	2.35E-02	7.41E-06	2.16E-06	1.27E-04	4.00E-08	1.16E-08
374	489538.17, 3859921.48	2.18E-02	6.88E-06	2.00E-06	2.34E-04	7.37E-08	2.15E-08	2.18E-02	6.89E-06	2.00E-06	2.69E-04	8.49E-08	2.47E-08	2.29E-02	7.21E-06	2.10E-06	1.27E-04	4.00E-08	1.16E-08
375	489588.17, 3859921.48	2.11E-02	6.66E-06	1.94E-06	2.35E-04	7.41E-08	2.16E-08	2.11E-02	6.67E-06	1.94E-06	2.70E-04	8.53E-08	2.48E-08	2.21E-02	6.98E-06	2.03E-06	1.27E-04	4.01E-08	1.17E-08
376	489238.17, 3859971.48	2.74E-02	8.65E-06	2.52E-06	2.24E-04	7.07E-08	2.06E-08	2.74E-02	8.66E-06	2.52E-06	2.57E-04	8.11E-08	2.36E-08	2.88E-02	9.08E-06	2.64E-06	1.23E-04	3.89E-08	1.13E-08
377	489288.17, 3859971.48	2.64E-02	8.32E-06	2.42E-06	2.24E-04	7.06E-08	2.05E-08	2.64E-02	8.33E-06	2.42E-06	2.57E-04	8.12E-08	2.36E-08	2.77E-02	8.73E-06	2.54E-06	1.23E-04	3.88E-08	1.13E-08
378	489338.17, 3859971.48	2.53E-02	8.00E-06	2.33E-06	2.24E-04	7.08E-08	2.06E-08	2.54E-02	8.01E-06	2.33E-06	2.58E-04	8.13E-08	2.37E-08	2.66E-02	8.39E-06	2.44E-06	1.23E-04	3.87E-08	1.13E-08
379	489388.17, 3859971.48	2.43E-02	7.65E-06	2.23E-06	2.25E-04	7.11E-08	2.07E-08	2.43E-02	7.67E-06	2.23E-06	2.59E-04	8.17E-08	2.38E-08	2.54E-02	8.03E-06	2.34E-06	1.23E-04	3.88E-08	1.13E-08
380	489438.17, 3859971.48	2.31E-02	7.28E-06	2.12E-06	2.27E-04	7.16E-08	2.08E-08	2.31E-02	7.29E-06	2.12E-06	2.61E-04	8.23E-08	2.39E-08	2.42E-02	7.64E-06	2.22E-06	1.23E-04	3.90E-08	1.13E-08
381	489488.17, 3859971.48	2.18E-02	6.87E-06	2.00E-06	2.29E-04	7.21E-08	2.10E-08	2.18E-02	6.88E-06	2.00E-06	2.63E-04	8.30E-08	2.41E-08	2.28E-02	7.20E-06	2.09E-06	1.24E-04	3.92E-08	1.14E-08
382	489538.17, 3859971.48	2.08E-02	6.56E-06	1.91E-06	2.30E-04	7.25E-08	2.11E-08	2.08E-02	6.57E-06	1.91E-06	2.64E-04	8.35E-08	2.43E-08	2.18E-02	6.88E-06	2.00E-06	1.24E-04	3.93E-08	1.14E-08
383	489588.17, 3859971.48	2.00E-02	6.32E-06	1.84E-06	2.31E-04	7.28E-08	2.12E-08	2.00E-02	6.33E-06	1.84E-06	2.66E-04	8.39E-08	2.44E-08	2.10E-02	6.62E-06	1.93E-06	1.25E-04	3.94E-08	1.15E-08
384	483577.7, 3854071	1.26E-03	3.97E-07	1.15E-07	3.75E-04	1.18E-07	3.44E-08	1.32E-03	4.17E-07	1.21E-07	4.34E-04	1.37E-07	3.98E-08	1.10E-03	3.46E-07	1.01E-07	1.95E-04	6.17E-08	1.79E-08
385	483627.7, 3854071	1.26E-03	3.98E-07	1.16E-07	3.90E-04	1.23E-07	3.58E-08	1.33E-03	4.19E-07	1.22E-07	4.51E-04	1.42E-07	4.14E-08	1.09E-03	3.43E-07	9.99E-08	2.03E-04	6.41E-08	1.86E-08
386	483677.7, 3854071	1.25E-03	3.96E-07	1.15E-07	4.02E-04	1.27E-07	3.69E-08	1.32E-03	4.18E-07	1.22E-07	4.66E-04	1.47E-07	4.28E-08	1.07E-03	3.39E-07	9.87E-08	2.10E-04	6.62E-08	1.93E-08
387	483727.7, 3854071	1.25E-03	3.93E-07	1.14E-07	4.12E-04	1.30E-07	3.78E-08	1.32E-03	4.16E-07	1.21E-07	4.77E-04	1.51E-07	4.38E-08	1.06E-03	3.34E-07	9.73E-08	2.15E-04	6.78E-08	1.97E-08
388	483777.7, 3854071	1.22E-03	3.86E-07	1.12E-07	4.18E-04	1.32E-07	3.83E-08	1.29E-03	4.08E-07	1.19E-07	4.83E-04	1.53E-07	4.44E-08	1.03E-03	3.26E-07	9.47E-08	2.18E-04	6.87E-08	2.00E-08
389	483577.7, 3854121	1.29E-03	4.07E-07	1.18E-07	3.77E-04	1.19E-07	3.46E-08	1.35E-03	4.27E-07	1.24E-07	4.37E-04	1.38E-07	4.01E-08	1.13E-03	3.56E-07	1.03E-07	1.97E-04	6.21E-08	1.81E-08
390	483627.7, 3854121	1.28E-03	4.05E-07	1.18E-07	3.94E-04	1.24E-07	3.62E-08	1.35E-03	4.26E-07	1.24E-07	4.56E-04	1.44E-07	4.19E-08	1.11E-03	3.50E-07	1.02E-07	2.05E-04	6.48E-08	1.89E-08
391	483677.7, 3854121	1.27E-03	4.00E-07	1.16E-07	4.09E-04	1.29E-07	3.76E-08	1.34E-03	4.22E-07	1.23E-07	4.74E-04	1.49E-07	4.35E-08	1.08E-03	3.42E-07	9.95E-08	2.13E-04	6.73E-08	1.96E-08
392	483727.7, 3854121	1.25E-03	3.94E-07	1.15E-07	4.21E-04	1.33E-07	3.87E-08	1.32E-03	4.17E-07	1.21E-07	4.88E-04	1.54E-07	4.48E-08	1.06E-03	3.34E-07	9.71E-08	2.20E-04	6.93E-08	2.02E-08

393	483777.7, 3854121	1.24E-03	3.93E-07	1.14E-07	4.34E-04	1.37E-07	3.99E-08	1.32E-03	4.16E-07	1.21E-07	5.03E-04	1.59E-07	4.61E-08	1.04E-03	3.29E-07	9.58E-08	2.26E-04	7.14E-08	2.08E-08
394	483577.7, 3854171	1.30E-03	4.10E-07	1.19E-07	3.80E-04	1.20E-07	3.49E-08	1.36E-03	4.30E-07	1.25E-07	4.40E-04	1.39E-07	4.04E-08	1.13E-03	3.58E-07	1.04E-07	1.98E-04	6.25E-08	1.82E-08
395	483627.7, 3854171	1.28E-03	4.04E-07	1.17E-07	3.97E-04	1.25E-07	3.64E-08	1.35E-03	4.25E-07	1.24E-07	4.59E-04	1.45E-07	4.22E-08	1.10E-03	3.48E-07	1.01E-07	2.07E-04	6.53E-08	1.90E-08
396	483677.7, 3854171	1.27E-03	4.01E-07	1.17E-07	4.13E-04	1.30E-07	3.79E-08	1.34E-03	4.24E-07	1.23E-07	4.79E-04	1.51E-07	4.39E-08	1.09E-03	3.43E-07	9.96E-08	2.15E-04	6.80E-08	1.98E-08
397	483727.7, 3854171	1.27E-03	4.00E-07	1.16E-07	4.30E-04	1.36E-07	3.95E-08	1.34E-03	4.24E-07	1.23E-07	4.98E-04	1.57E-07	4.57E-08	1.07E-03	3.39E-07	9.85E-08	2.24E-04	7.07E-08	2.06E-08
398	483777.7, 3854171	1.26E-03	3.98E-07	1.16E-07	4.43E-04	1.40E-07	4.07E-08	1.34E-03	4.22E-07	1.23E-07	5.13E-04	1.62E-07	4.71E-08	1.06E-03	3.33E-07	9.70E-08	2.31E-04	7.30E-08	2.12E-08
399	483827.7, 3854171	1.24E-03	3.90E-07	1.14E-07	4.50E-04	1.42E-07	4.13E-08	1.31E-03	4.15E-07	1.21E-07	5.21E-04	1.64E-07	4.78E-08	1.03E-03	3.24E-07	9.42E-08	2.35E-04	7.40E-08	2.15E-08
400	483877.7, 3854171	1.22E-03	3.86E-07	1.12E-07	4.53E-04	1.43E-07	4.15E-08	1.30E-03	4.11E-07	1.20E-07	5.24E-04	1.65E-07	4.81E-08	1.01E-03	3.19E-07	9.29E-08	2.36E-04	7.45E-08	2.17E-08
401	483727.7, 3854221	1.29E-03	4.07E-07	1.18E-07	4.33E-04	1.37E-07	3.97E-08	1.36E-03	4.30E-07	1.25E-07	5.01E-04	1.58E-07	4.60E-08	1.09E-03	3.45E-07	1.00E-07	2.26E-04	7.12E-08	2.07E-08
402	483777.7, 3854221	1.28E-03	4.05E-07	1.18E-07	4.48E-04	1.42E-07	4.12E-08	1.36E-03	4.29E-07	1.25E-07	5.19E-04	1.64E-07	4.77E-08	1.08E-03	3.40E-07	9.88E-08	2.34E-04	7.38E-08	2.15E-08
403	483827.7, 3854221	1.30E-03	4.09E-07	1.19E-07	4.64E-04	1.46E-07	4.26E-08	1.38E-03	4.34E-07	1.26E-07	5.37E-04	1.70E-07	4.93E-08	1.08E-03	3.41E-07	9.91E-08	2.42E-04	7.63E-08	2.22E-08
404	483877.7, 3854221	1.28E-03	4.03E-07	1.17E-07	4.70E-04	1.48E-07	4.31E-08	1.36E-03	4.29E-07	1.25E-07	5.44E-04	1.72E-07	4.99E-08	1.06E-03	3.33E-07	9.70E-08	2.45E-04	7.73E-08	2.25E-08
405	489150.19, 3858726.45	2.01E-02	6.33E-06	1.84E-06	4.30E-04	1.36E-07	3.94E-08	2.01E-02	6.36E-06	1.85E-06	4.96E-04	1.56E-07	4.55E-08	2.09E-02	6.60E-06	1.92E-06	2.28E-04	7.21E-08	2.10E-08
406	489200.19, 3858726.45	1.97E-02	6.21E-06	1.81E-06	4.28E-04	1.35E-07	3.93E-08	1.98E-02	6.24E-06	1.81E-06	4.94E-04	1.56E-07	4.53E-08	2.05E-02	6.47E-06	1.88E-06	2.28E-04	7.18E-08	2.09E-08
407	489150.19, 3858776.45	2.17E-02	6.85E-06	1.99E-06	4.17E-04	1.32E-07	3.83E-08	2.18E-02	6.88E-06	2.00E-06	4.81E-04	1.52E-07	4.42E-08	2.26E-02	7.15E-06	2.08E-06	2.22E-04	7.00E-08	2.04E-08
408	489200.19, 3858776.45	2.11E-02	6.67E-06	1.94E-06	4.15E-04	1.31E-07	3.81E-08	2.12E-02	6.69E-06	1.95E-06	4.79E-04	1.51E-07	4.40E-08	2.20E-02	6.96E-06	2.02E-06	2.21E-04	6.97E-08	2.03E-08
409	488919.6, 3856400.76	7.74E-03	2.44E-06	7.11E-07	2.74E-03	8.65E-07	2.52E-07	8.21E-03	2.59E-06	7.54E-07	3.18E-03	1.00E-06	2.92E-07	6.48E-03	2.05E-06	5.95E-07	1.43E-03	4.50E-07	1.31E-07
410	488919.6, 3856450.76	7.89E-03	2.49E-06	7.24E-07	2.77E-03	8.73E-07	2.54E-07	8.37E-03	2.64E-06	7.68E-07	3.20E-03	1.01E-06	2.94E-07	6.62E-03	2.09E-06	6.08E-07	1.44E-03	4.54E-07	1.32E-07
411	488969.6, 3856450.76	7.78E-03	2.45E-06	7.14E-07	2.70E-03	8.53E-07	2.48E-07	8.24E-03	2.60E-06	7.57E-07	3.13E-03	9.88E-07	2.87E-07	6.54E-03	2.06E-06	6.00E-07	1.41E-03	4.44E-07	1.29E-07
412	488919.6, 3856500.76	8.03E-03	2.54E-06	7.37E-07	2.78E-03	8.78E-07	2.55E-07	8.51E-03	2.69E-06	7.81E-07	3.22E-03	1.02E-06	2.96E-07	6.76E-03	2.13E-06	6.21E-07	1.45E-03	4.57E-07	1.33E-07
413	488969.6, 3856500.76	7.92E-03	2.50E-06	7.27E-07	2.72E-03	8.58E-07	2.49E-07	8.39E-03	2.65E-06	7.70E-07	3.15E-03	9.93E-07	2.89E-07	6.69E-03	2.11E-06	6.14E-07	1.41E-03	4.46E-07	1.30E-07
414	488919.6, 3856550.76	8.18E-03	2.58E-06	7.51E-07	2.79E-03	8.81E-07	2.56E-07	8.66E-03	2.73E-06	7.95E-07	3.23E-03	1.02E-06	2.97E-07	6.91E-03	2.18E-06	6.34E-07	1.45E-03	4.58E-07	1.33E-07
415	488969.6, 3856550.76	8.06E-03	2.54E-06	7.40E-07	2.72E-03	8.60E-07	2.50E-07	8.53E-03	2.69E-06	7.83E-07	3.16E-03	9.96E-07	2.90E-07	6.82E-03	2.15E-06	6.26E-07	1.42E-03	4.47E-07	1.30E-07
416	488819.6, 3856600.76	8.55E-03	2.70E-06	7.85E-07	2.94E-03	9.27E-07	2.70E-07	9.06E-03	2.86E-06	8.31E-07	3.40E-03	1.07E-06	3.12E-07	7.21E-03	2.28E-06	6.62E-07	1.53E-03	4.82E-07	1.40E-07
417	488869.6, 3856600.76	8.42E-03	2.66E-06	7.73E-07	2.86E-03	9.04E-07	2.63E-07	8.91E-03	2.81E-06	8.18E-07	3.32E-03	1.05E-06	3.04E-07	7.12E-03	2.25E-06	6.53E-07	1.49E-03	4.70E-07	1.37E-07
418	488919.6, 3856600.76	8.30E-03	2.62E-06	7.62E-07	2.79E-03	8.81E-07	2.56E-07	8.78E-03	2.77E-06	8.06E-07	3.23E-03	1.02E-06	2.97E-07	7.04E-03	2.22E-06	6.46E-07	1.45E-03	4.58E-07	1.33E-07
419	488819.6, 3856650.76	8.67E-03	2.74E-06	7.96E-07	2.93E-03	9.25E-07	2.69E-07	9.18E-03	2.90E-06	8.42E-07	3.40E-03	1.07E-06	3.12E-07	7.34E-03	2.32E-06	6.74E-07	1.53E-03	4.81E-07	1.40E-07
420	488869.6, 3856650.76	8.54E-03	2.69E-06	7.84E-07	2.86E-03	9.01E-07	2.62E-07	9.03E-03	2.85E-06	8.29E-07	3.31E-03	1.04E-06	3.04E-07	7.25E-03	2.29E-06	6.65E-07	1.49E-03	4.69E-07	1.36E-07
421	488819.6, 3856700.76	8.79E-03	2.77E-06	8.07E-07	2.91E-03	9.20E-07	2.68E-07	9.29E-03	2.93E-06	8.53E-07	3.37E-03	1.07E-06	3.10E-07	7.47E-03	2.36E-06	6.86E-07	1.52E-03	4.79E-07	1.39E-07
422	488869.6, 3856700.76	8.65E-03	2.73E-06	7.94E-07	2.84E-03	8.96E-07	2.61E-07	9.14E-03	2.88E-06	8.39E-07	3.29E-03	1.04E-06	3.02E-07	7.37E-03	2.33E-06	6.77E-07	1.48E-03	4.66E-07	1.36E-07
423	488819.6, 3856750.76	8.88E-03	2.80E-06	8.15E-07	2.89E-03	9.11E-07	2.65E-07	9.38E-03	2.96E-06	8.61E-07	3.34E-03	1.06E-06	3.07E-07	7.59E-03	2.40E-06	6.97E-07	1.50E-03	4.74E-07	1.38E-07
424	488869.6, 3856750.76	8.75E-03	2.76E-06	8.03E-07	2.81E-03	8.87E-07	2.58E-07	9.23E-03	2.91E-06	8.48E-07	3.25E-03	1.03E-06	2.99E-07	7.50E-03	2.37E-06	6.89E-07	1.46E-03	4.61E-07	1.34E-07
425	488819.6, 3857050.76	9.35E-03	2.95E-06	8.58E-07	2.49E-03	7.86E-07	2.29E-07	9.78E-03	3.09E-06	8.98E-07	2.88E-03	9.10E-07	2.65E-07	8.32E-03	2.63E-06	7.64E-07	1.30E-03	4.09E-07	1.19E-07
426	488869.6, 3857050.76	9.26E-03	2.92E-06	8.50E-07	2.43E-03	7.66E-07	2.23E-07	9.68E-03	3.06E-06	8.89E-07	2.81E-03	8.87E-07	2.58E-07	8.27E-03	2.61E-06	7.59E-07	1.26E-03	3.99E-07	1.16E-07
427	488919.6, 3857050.76	9.18E-03	2.90E-06	8.42E-07	2.37E-03	7.47E-07	2.17E-07	9.58E-03	3.02E-06	8.80E-07	2.74E-03	8.64E-07	2.51E-07	8.21E-03	2.59E-06	7.54E-07	1.23E-03	3.89E-07	1.13E-07
428	488819.6, 3857100.76	9.44E-03	2.98E-06	8.66E-07	2.40E-03	7.56E-07	2.20E-07	9.85E-03	3.11E-06	9.04E-07	2.77E-03	8.76E-07	2.55E-07	8.47E-03	2.67E-06	7.77E-07	1.25E-03	3.94E-07	1.15E-07
429	488869.6, 3857100.76	9.35E-03	2.95E-06	8.59E-07	2.34E-03	7.38E-07	2.15E-07	9.75E-03	3.08E-06	8.95E-07	2.71E-03	8.54E-07	2.48E-07	8.41E-03	2.66E-06	7.73E-07	1.22E-03	3.84E-07	1.12E-07
430	488919.6, 3857100.76	9.28E-03	2.93E-06	8.52E-07	2.28E-03	7.20E-07	2.09E-07	9.68E-03	3.05E-06	8.88E-07	2.64E-03	8.33E-07	2.42E-07	8.38E-03	2.64E-06	7.69E-07	1.19E-03	3.75E-07	1.09E-07
431	488819.6, 3857150.76	9.54E-03	3.01E-06	8.76E-07	2.30E-03	7.26E-07	2.11E-07	9.93E-03	3.14E-06	9.12E-07	2.66E-03	8.40E-07	2.44E-07	8.63E-03	2.72E-06	7.93E-07	1.20E-03	3.78E-07	1.10E-07
432	488869.6, 3857150.76	9.47E-03	2.99E-06	8.70E-07	2.24E-03	7.08E-07	2.06E-07	9.86E-03	3.11E-06	9.05E-07	2.60E-03	8.20E-07	2.38E-07	8.59E-03	2.71E-06	7.89E-07	1.17E-03	3.69E-07	1.07E-07
433	488919.6, 3857150.76	9.40E-03	2.97E-06	8.63E-07	2.19E-03	6.92E-07	2.01E-07	9.78E-03	3.09E-06	8.98E-07	2.54E-03	8.01E-07	2.33E-07	8.55E-03	2.70E-06	7.85E-07	1.14E-03	3.61E-07	1.05E-07
434	488969.6, 3857150.76	9.34E-03	2.95E-06	8.57E-07	2.14E-03	6.76E-07	1.97E-07	9.71E-03	3.06E-06	8.91E-07	2.48E-03	7.83E-07	2.28E-07	8.51E-03	2.69E-06	7.81E-07	1.12E-03	3.53E-07	1.03E-07
435	488819.6, 3857200.76	9.67E-03	3.05E-06	8.87E-07	2.20E-03	6.94E-07	2.02E-07	1.00E-02	3.17E-06	9.22E-07	2.55E-03	8.03E-07	2.34E-07	8.82E-03	2.79E-06	8.10E-07	1.15E-03	3.62E-07	1.05E-07
436	488869.6, 3857200.76	9.61E-03	3.03E-06	8.83E-07	2.15E-03	6.78E-07	1.97E-07	9.98E-03	3.15E-06	9.16E-07	2.49E-03	7.85E-07	2.28E-07	8.80E-03	2.78E-06	8.08E-07	1.12E-03	3.54E-07	1.03E-07
437	488919.6, 3857200.76	9.56E-03	3.02E-06	8.77E-07	2.10E-03	6.63E-07	1.93E-07	9.92E-03	3.13E-06	9.10E-07	2.43E-03	7.68E-07	2.23E-07	8.76E-03	2.77E-06	8.05E-07	1.10E-03	3.46E-07	1.01E-07
438	488969.6, 3857200.76	9.49E-03	3.00E-06	8.72E-07	2.06E-03	6.49E-07	1.89E-07	9.85E-03	3.11E-06	9.04E-07	2.38E-03	7.51E-07	2.18E-07	8.72E-03	2.75E-06	8.01E-07	1.07E-03	3.39E-07	9.86E-08
439	488819.6, 3857250.76	9.82E-03	3.10E-06	9.01E-07	2.10E-03	6.62E-07	1.93E-07	1.02E-02	3.21E-06	9.35E-07	2.43E-03	7.67E-07	2.23E-07	9.04E-03	2.85E-06	8.30E-07	1.10E-03	3.46E-07	1.01E-07
440	488869.6, 3857250.76	9.78E-03	3.09E-06	8.98E-07	2.05E-03	6.48E-07	1.89E-07	1.01E-02	3.20E-06	9.30E-07	2.38E-03	7.50E-07	2.18E-07	9.02E-03	2.85E-06	8.28E-07	1.07E-03	3.39E-07	9.85E-08
441	488919.6, 3857250.76	9.73E-03	3.07E-06	8.94E-07	2.01E-03	6.35E-07	1.85E-07	1.01E-02	3.18E-06	9.25E-07	2.33E-03	7.34E-07	2.14E-07	9.00E-03	2.84E-06	8.26E-07	1.05E-03	3.32E-07	9.65E-08
442	488969.6, 3857250.76	9.69E-03	3.06E-06	8.90E-07	1.97E-03	6.22E-07	1.81E-07	1.00E-02	3.16E-06	9.21E-07	2.28E-03	7.19E-07	2.09E-07	8.98E-03	2.83E-06	8.24E-07	1.03E-03	3.25E-07	9.45E-08
443	488819.6, 3857300.76	1.00E-02	3.16E-06	9.20E-07	2.00E-03	6.30E-07	1.83E-07	1.04E-02	3.27E-06	9.52E-07	2.31E-03	7.30E-07	2.12E-07	9.31E-03	2.94E-06	8.55E-07	1.04E-03	3.30E-07	9.59E-08
444	488869.6, 3857300.76	9.99E-03	3.15E-06	9.17E-07	1.96E-03	6.18E-07	1.80E-07	1.03E-02	3.26E-06	9.48E-07	2.27E-03	7.15E-07	2.08E-07	9.30E-03	2.94E-06	8.54E-07	1.02E-03	3.23E-07	9.40E-08
445	488919.6, 3857300.76	9.97E-03	3.15E-06	9.15E-07	1.92E-03	6.06E-07	1.76E-07	1.03E-02	3.25E-06	9.45E-07	2.22E-03	7.01E-07	2.04E-07	9.30E-03	2.93E-06	8.53E-07	1.00E-03	3.17E-07	9.22E-08
446	488819.6, 3857450.76	1.11E-02	3.49E-06	1.01E-06	1.70E-03	5.38E-07	1.56E-07	1.13E-02	3.58E-06	1.04E-06	1.97E-03	6.22E-07	1.81E-07	1.05E-02	3.33E-06	9.68E-07	8.98E-04	2.83E-07	8.24E-08
447	488869.6, 3857450.76	1.11E-02	3.50E-06	1.02E-06	1.68E-03	5.30E-07	1.54E-07	1.14E-02	3.59E-06	1.04E-06	1.94E-03	6.13E-07	1.78E-07	1.06E-02	3.34E-06	9.71E-07	8.86E-04	2.79E-07	8.13E-08
448	488919.6, 3857450.76	1.11E-02	3.50E-06	1.02E-06	1.65E-03	5.22E-07	1.52E-07	1.14E-02	3.59E-06	1.04E-06	1.91E-03	6.03E-07	1.75E-07	1.06E-02	3.35E-06	9.74E-07	8.72E-04	2.75E-07	8.01E-08
449	488819.6, 3857500.76	1.16E-02	3.67E-06	1.07E-06	1.61E-03	5.10E-07	1.48E-07	1.19E-02	3.75E-06	1.09E-06	1.87E-03	5.89E-07	1.71E-07	1.12E-02	3.53E-06	1.03E-06	8.54E-04	2.70E-07	7.84E-08
450	488869.6, 3857500.76	1.17E-02	3.68E-06	1.07E-06	1.59E-03	5.03E-07	1.46E-07	1.19E-02	3.77E-06	1.10E-06	1.84E-03	5.81E-07	1.69E-07	1.12E-02	3.54E-06	1.03E-06	8.43E-04	2.66E-07	7.74E-08
451	488919.6, 3857500.76	1.17E-02	3.69E-06	1.07E-06	1.57E-03	4.96E-07	1.44E-07	1.19E-02	3.77E-06	1.10E-06	1.81E-03	5.72E-07	1.66E-07	1.12E-02	3.55E-06	1.03E-06	8.32E-04	2.63E-07	7.64E-08
452	488819.6, 3857550.76	1.24E-02	3.90E-06	1.13E-06	1.53E-03	4.83E-07	1.40E-07	1.26E-02	3.98E-06	1.16E-06	1.77E-03	5.57E-07	1.62E-07	1.20E-02	3.78E-06	1.10E-06	8.14E-04	2.57E-07	7.47E-08
453	488869.6, 3857550.76	1.24E-02	3.91E-06	1.14E-06	1.51E-03	4.77E-07	1.39E-07	1.26E-02	3.99E-06	1.16E-06	1.74E-03	5.50E-07	1.60E-07	1.20E-02	3.79E-06	1.10E-06	8.05E-04	2.54E-07	7.39E-08
454	488919.6, 3857550.76	1.24E-02	3.91E-06	1.14E-06	1.49E-03	4.71E-07	1.37E-07	1.26E-02	3.98E-06	1.16E-06	1.72E-03	5.43E-07	1.58E-07	1.20E-02	3.79E-06	1.10E-06	7.95E-04	2.51E-07	7.30E-08
455	489663.71, 3860900.05	9.23E-03	2.91E-06	8.48E-07	1.41E-04	4.44E-08	1.29E-08	9.26E-03	2.92E-06	8.50E-07	1.62E-04	5.13E-08	1.49E-08	9.66E-03	3.05E-06	8.87E-07	7.41E-05	2.34E-08	6.80E-09
456	489813.71, 3860900.05	9.00E-03	2.84E-06	8.27E-07	1.41E-04	4.46E-08	1.30E-08	9.03E-03	2.85E-06	8.29E-07	1.63E-04	5.16E-08	1.50E-08	9.42E-03	2.97E-06	8.64E-07	7.45E-05	2.35E-08	6.84E-09
457	489863.71, 3860900.05	8.91E-03	2.81E-06	8.18E-07	1.41E-04	4.46E-08	1.30E-08	8.93E-03	2.82E-06	8.20E-07	1.63E-04	5.16E-08	1.50E-08	9.31E-03	2.94E-06	8.55E-07	7.46E-05	2.35E-08	6.84E-09
458	489913.71, 3860900.05	8.84E-03	2.79E-06	8.11E-07	1.42E-04	4.47E-08	1.30E-08	8.86E-03	2.80E-06	8.14E-07	1.64E-04	5.17E-08	1.50E-08	9.24E-03	2.92E-06	8.48E-07	7.48E-05	2.36E-08	6.86E-09

459	489963.71, 3860900.05	8.74E-03	2.76E-06	8.02E-07	1.42E-04	4.47E-08	1.30E-08	8.76E-03	2.76E-06	8.04E-07	1.64E-04	5.17E-08	1.50E-08	9.13E-03	2.88E-06	8.38E-07	7.48E-05	2.36E-08	6.86E-09
460	490013.71, 3860900.05	8.66E-03	2.73E-06	7.95E-07	1.42E-04	4.49E-08	1.30E-08	8.69E-03	2.74E-06	7.98E-07	1.64E-04	5.18E-08	1.51E-08	9.06E-03	2.86E-06	8.31E-07	7.50E-05	2.37E-08	6.88E-09
461	490063.71, 3860900.05	8.57E-03	2.71E-06	7.87E-07	1.42E-04	4.49E-08	1.31E-08	8.60E-03	2.71E-06	7.89E-07	1.65E-04	5.19E-08	1.51E-08	8.96E-03	2.83E-06	8.22E-07	7.51E-05	2.37E-08	6.89E-09
462	489663.71, 3860950.05	8.41E-03	2.65E-06	7.72E-07	1.38E-04	4.35E-08	1.26E-08	8.43E-03	2.66E-06	7.74E-07	1.59E-04	5.03E-08	1.46E-08	8.79E-03	2.77E-06	8.07E-07	7.26E-05	2.29E-08	6.66E-09
463	489813.71, 3860950.05	8.25E-03	2.60E-06	7.58E-07	1.39E-04	4.38E-08	1.27E-08	8.28E-03	2.61E-06	7.60E-07	1.60E-04	5.06E-08	1.47E-08	8.62E-03	2.72E-06	7.92E-07	7.30E-05	2.31E-08	6.71E-09
464	489863.71, 3860950.05	8.18E-03	2.58E-06	7.51E-07	1.39E-04	4.37E-08	1.27E-08	8.20E-03	2.59E-06	7.53E-07	1.60E-04	5.06E-08	1.47E-08	8.54E-03	2.70E-06	7.84E-07	7.30E-05	2.31E-08	6.70E-09
465	489913.71, 3860950.05	8.13E-03	2.57E-06	7.46E-07	1.39E-04	4.38E-08	1.28E-08	8.15E-03	2.57E-06	7.48E-07	1.61E-04	5.07E-08	1.47E-08	8.49E-03	2.68E-06	7.80E-07	7.32E-05	2.31E-08	6.72E-09
466	489963.71, 3860950.05	8.06E-03	2.54E-06	7.40E-07	1.39E-04	4.39E-08	1.28E-08	8.08E-03	2.55E-06	7.42E-07	1.61E-04	5.07E-08	1.48E-08	8.42E-03	2.66E-06	7.73E-07	7.33E-05	2.31E-08	6.72E-09
467	490013.71, 3860950.05	8.00E-03	2.52E-06	7.34E-07	1.39E-04	4.39E-08	1.28E-08	8.02E-03	2.53E-06	7.37E-07	1.61E-04	5.08E-08	1.48E-08	8.36E-03	2.64E-06	7.67E-07	7.34E-05	2.32E-08	6.73E-09
468	490063.71, 3860950.05	7.94E-03	2.51E-06	7.29E-07	1.39E-04	4.40E-08	1.28E-08	7.96E-03	2.51E-06	7.31E-07	1.61E-04	5.09E-08	1.48E-08	8.29E-03	2.62E-06	7.61E-07	7.35E-05	2.32E-08	6.75E-09
469	489513.71, 3861000.05	7.81E-03	2.47E-06	7.17E-07	1.34E-04	4.24E-08	1.23E-08	7.83E-03	2.47E-06	7.19E-07	1.55E-04	4.90E-08	1.43E-08	8.16E-03	2.58E-06	7.49E-07	7.07E-05	2.23E-08	6.49E-09
470	489563.71, 3861000.05	7.78E-03	2.45E-06	7.14E-07	1.35E-04	4.25E-08	1.23E-08	7.80E-03	2.46E-06	7.16E-07	1.56E-04	4.91E-08	1.43E-08	8.12E-03	2.56E-06	7.46E-07	7.08E-05	2.23E-08	6.50E-09
471	489613.71, 3861000.05	7.75E-03	2.45E-06	7.11E-07	1.35E-04	4.26E-08	1.24E-08	7.77E-03	2.45E-06	7.13E-07	1.56E-04	4.92E-08	1.43E-08	8.09E-03	2.55E-06	7.43E-07	7.10E-05	2.24E-08	6.52E-09
472	489663.71, 3861000.05	7.71E-03	2.43E-06	7.08E-07	1.35E-04	4.27E-08	1.24E-08	7.73E-03	2.44E-06	7.10E-07	1.56E-04	4.93E-08	1.43E-08	8.05E-03	2.54E-06	7.39E-07	7.11E-05	2.25E-08	6.53E-09
473	489713.71, 3861000.05	7.66E-03	2.42E-06	7.04E-07	1.35E-04	4.27E-08	1.24E-08	7.69E-03	2.43E-06	7.06E-07	1.56E-04	4.94E-08	1.44E-08	8.00E-03	2.53E-06	7.35E-07	7.12E-05	2.25E-08	6.54E-09
474	489763.71, 3861000.05	7.62E-03	2.41E-06	7.00E-07	1.36E-04	4.28E-08	1.24E-08	7.64E-03	2.41E-06	7.02E-07	1.57E-04	4.95E-08	1.44E-08	7.96E-03	2.51E-06	7.31E-07	7.14E-05	2.25E-08	6.55E-09
475	489813.71, 3861000.05	7.60E-03	2.40E-06	6.97E-07	1.36E-04	4.29E-08	1.25E-08	7.62E-03	2.41E-06	7.00E-07	1.57E-04	4.96E-08	1.44E-08	7.93E-03	2.50E-06	7.28E-07	7.16E-05	2.26E-08	6.57E-09
476	489863.71, 3861000.05	7.54E-03	2.38E-06	6.92E-07	1.36E-04	4.29E-08	1.25E-08	7.56E-03	2.39E-06	6.94E-07	1.57E-04	4.96E-08	1.44E-08	7.87E-03	2.48E-06	7.23E-07	7.16E-05	2.26E-08	6.58E-09
477	489913.71, 3861000.05	7.51E-03	2.37E-06	6.89E-07	1.36E-04	4.30E-08	1.25E-08	7.53E-03	2.38E-06	6.91E-07	1.58E-04	4.97E-08	1.45E-08	7.84E-03	2.47E-06	7.19E-07	7.18E-05	2.27E-08	6.59E-09
478	489963.71, 3861000.05	7.45E-03	2.35E-06	6.84E-07	1.36E-04	4.30E-08	1.25E-08	7.47E-03	2.36E-06	6.86E-07	1.58E-04	4.97E-08	1.45E-08	7.78E-03	2.45E-06	7.14E-07	7.18E-05	2.27E-08	6.59E-09
479	490013.71, 3861000.05	7.41E-03	2.34E-06	6.80E-07	1.36E-04	4.31E-08	1.25E-08	7.43E-03	2.35E-06	6.82E-07	1.58E-04	4.98E-08	1.45E-08	7.73E-03	2.44E-06	7.10E-07	7.19E-05	2.27E-08	6.60E-09
480	490063.71, 3861000.05	7.36E-03	2.32E-06	6.76E-07	1.37E-04	4.31E-08	1.25E-08	7.39E-03	2.33E-06	6.78E-07	1.58E-04	4.98E-08	1.45E-08	7.68E-03	2.43E-06	7.05E-07	7.20E-05	2.27E-08	6.61E-09
481	489513.71, 3861050.05	7.18E-03	2.27E-06	6.59E-07	1.32E-04	4.17E-08	1.21E-08	7.20E-03	2.27E-06	6.61E-07	1.53E-04	4.82E-08	1.40E-08	7.50E-03	2.37E-06	6.88E-07	6.94E-05	2.19E-08	6.37E-09
482	489563.71, 3861050.05	7.15E-03	2.26E-06	6.57E-07	1.32E-04	4.17E-08	1.21E-08	7.18E-03	2.26E-06	6.59E-07	1.53E-04	4.82E-08	1.40E-08	7.47E-03	2.36E-06	6.86E-07	6.95E-05	2.19E-08	6.38E-09
483	489613.71, 3861050.05	7.15E-03	2.26E-06	6.56E-07	1.33E-04	4.18E-08	1.22E-08	7.17E-03	2.26E-06	6.58E-07	1.53E-04	4.84E-08	1.41E-08	7.46E-03	2.35E-06	6.85E-07	6.97E-05	2.20E-08	6.40E-09
484	489663.71, 3861050.05	7.10E-03	2.24E-06	6.52E-07	1.33E-04	4.18E-08	1.22E-08	7.13E-03	2.25E-06	6.54E-07	1.53E-04	4.84E-08	1.41E-08	7.42E-03	2.34E-06	6.81E-07	6.97E-05	2.20E-08	6.40E-09
485	489713.71, 3861050.05	7.07E-03	2.23E-06	6.49E-07	1.33E-04	4.19E-08	1.22E-08	7.09E-03	2.24E-06	6.51E-07	1.53E-04	4.84E-08	1.41E-08	7.38E-03	2.33E-06	6.77E-07	6.98E-05	2.20E-08	6.41E-09
486	489763.71, 3861050.05	7.04E-03	2.22E-06	6.46E-07	1.33E-04	4.20E-08	1.22E-08	7.06E-03	2.23E-06	6.48E-07	1.54E-04	4.85E-08	1.41E-08	7.35E-03	2.32E-06	6.74E-07	7.00E-05	2.21E-08	6.42E-09
487	489813.71, 3861050.05	7.01E-03	2.21E-06	6.44E-07	1.33E-04	4.21E-08	1.22E-08	7.04E-03	2.22E-06	6.46E-07	1.54E-04	4.86E-08	1.41E-08	7.32E-03	2.31E-06	6.72E-07	7.02E-05	2.21E-08	6.44E-09
488	489863.71, 3861050.05	6.98E-03	2.20E-06	6.40E-07	1.33E-04	4.21E-08	1.23E-08	7.00E-03	2.21E-06	6.43E-07	1.54E-04	4.87E-08	1.42E-08	7.28E-03	2.30E-06	6.68E-07	7.02E-05	2.22E-08	6.45E-09
489	489913.71, 3861050.05	6.94E-03	2.19E-06	6.37E-07	1.34E-04	4.22E-08	1.23E-08	6.97E-03	2.20E-06	6.39E-07	1.54E-04	4.88E-08	1.42E-08	7.24E-03	2.29E-06	6.65E-07	7.03E-05	2.22E-08	6.46E-09
490	489963.71, 3861050.05	6.91E-03	2.18E-06	6.34E-07	1.34E-04	4.22E-08	1.23E-08	6.93E-03	2.19E-06	6.36E-07	1.55E-04	4.88E-08	1.42E-08	7.21E-03	2.27E-06	6.62E-07	7.04E-05	2.22E-08	6.46E-09
491	490013.71, 3861050.05	6.88E-03	2.17E-06	6.32E-07	1.34E-04	4.23E-08	1.23E-08	6.91E-03	2.18E-06	6.34E-07	1.55E-04	4.89E-08	1.42E-08	7.18E-03	2.27E-06	6.59E-07	7.06E-05	2.23E-08	6.48E-09
492	490063.71, 3861050.05	6.85E-03	2.16E-06	6.29E-07	1.34E-04	4.23E-08	1.23E-08	6.87E-03	2.17E-06	6.31E-07	1.55E-04	4.89E-08	1.42E-08	7.14E-03	2.25E-06	6.56E-07	7.06E-05	2.23E-08	6.48E-09
493	489513.71, 3861100.05	6.65E-03	2.10E-06	6.10E-07	1.30E-04	4.10E-08	1.19E-08	6.67E-03	2.11E-06	6.12E-07	1.50E-04	4.74E-08	1.38E-08	6.94E-03	2.19E-06	6.37E-07	6.83E-05	2.15E-08	6.27E-09
494	489563.71, 3861100.05	6.61E-03	2.09E-06	6.07E-07	1.30E-04	4.09E-08	1.19E-08	6.63E-03	2.09E-06	6.09E-07	1.50E-04	4.73E-08	1.38E-08	6.90E-03	2.18E-06	6.33E-07	6.82E-05	2.15E-08	6.26E-09
495	489613.71, 3861100.05	6.57E-03	2.07E-06	6.03E-07	1.29E-04	4.09E-08	1.19E-08	6.59E-03	2.08E-06	6.05E-07	1.50E-04	4.73E-08	1.37E-08	6.85E-03	2.16E-06	6.29E-07	6.81E-05	2.15E-08	6.25E-09
496	489663.71, 3861100.05	6.55E-03	2.07E-06	6.02E-07	1.30E-04	4.10E-08	1.19E-08	6.58E-03	2.08E-06	6.04E-07	1.50E-04	4.74E-08	1.38E-08	6.84E-03	2.16E-06	6.28E-07	6.82E-05	2.15E-08	6.26E-09
497	489713.71, 3861100.05	6.54E-03	2.06E-06	6.00E-07	1.30E-04	4.10E-08	1.19E-08	6.56E-03	2.07E-06	6.02E-07	1.50E-04	4.75E-08	1.38E-08	6.82E-03	2.15E-06	6.26E-07	6.84E-05	2.16E-08	6.28E-09
498	489763.71, 3861100.05	6.52E-03	2.06E-06	5.98E-07	1.30E-04	4.11E-08	1.20E-08	6.54E-03	2.06E-06	6.00E-07	1.51E-04	4.76E-08	1.38E-08	6.80E-03	2.15E-06	6.24E-07	6.85E-05	2.16E-08	6.29E-09
499	489813.71, 3861100.05	6.50E-03	2.05E-06	5.97E-07	1.31E-04	4.12E-08	1.20E-08	6.52E-03	2.06E-06	5.99E-07	1.51E-04	4.77E-08	1.39E-08	6.78E-03	2.14E-06	6.22E-07	6.87E-05	2.17E-08	6.31E-09
500	489863.71, 3861100.05	6.49E-03	2.05E-06	5.96E-07	1.31E-04	4.14E-08	1.20E-08	6.51E-03	2.05E-06	5.98E-07	1.52E-04	4.78E-08	1.39E-08	6.76E-03	2.14E-06	6.21E-07	6.90E-05	2.18E-08	6.33E-09
501	489913.71, 3861100.05	6.45E-03	2.04E-06	5.92E-07	1.31E-04	4.14E-08	1.20E-08	6.47E-03	2.04E-06	5.94E-07	1.52E-04	4.78E-08	1.39E-08	6.73E-03	2.12E-06	6.18E-07	6.90E-05	2.18E-08	6.33E-09
502	489963.71, 3861100.05	6.43E-03	2.03E-06	5.90E-07	1.31E-04	4.14E-08	1.21E-08	6.45E-03	2.04E-06	5.92E-07	1.52E-04	4.79E-08	1.39E-08	6.70E-03	2.11E-06	6.15E-07	6.91E-05	2.18E-08	6.34E-09
503	490013.71, 3861100.05	6.39E-03	2.02E-06	5.87E-07	1.31E-04	4.14E-08	1.21E-08	6.42E-03	2.03E-06	5.89E-07	1.52E-04	4.79E-08	1.39E-08	6.67E-03	2.10E-06	6.12E-07	6.91E-05	2.18E-08	6.34E-09
504	490063.71, 3861100.05	6.37E-03	2.01E-06	5.85E-07	1.31E-04	4.15E-08	1.21E-08	6.39E-03	2.02E-06	5.87E-07	1.52E-04	4.80E-08	1.40E-08	6.64E-03	2.10E-06	6.10E-07	6.92E-05	2.18E-08	6.35E-09
505	489713.71, 3861150.05	6.08E-03	1.92E-06	5.58E-07	1.28E-04	4.02E-08	1.17E-08	6.10E-03	1.92E-06	5.60E-07	1.47E-04	4.65E-08	1.35E-08	6.33E-03	2.00E-06	5.82E-07	6.70E-05	2.12E-08	6.15E-09
506	489763.71, 3861150.05	6.07E-03	1.91E-06	5.57E-07	1.28E-04	4.03E-08	1.17E-08	6.09E-03	1.92E-06	5.59E-07	1.48E-04	4.66E-08	1.36E-08	6.32E-03	2.00E-06	5.80E-07	6.72E-05	2.12E-08	6.17E-09
507	489813.71, 3861150.05	6.05E-03	1.91E-06	5.56E-07	1.28E-04	4.05E-08	1.18E-08	6.08E-03	1.92E-06	5.58E-07	1.48E-04	4.68E-08	1.36E-08	6.31E-03	1.99E-06	5.79E-07	6.74E-05	2.13E-08	6.19E-09
508	489863.71, 3861150.05	6.04E-03	1.91E-06	5.54E-07	1.28E-04	4.05E-08	1.18E-08	6.06E-03	1.91E-06	5.56E-07	1.48E-04	4.69E-08	1.36E-08	6.29E-03	1.99E-06	5.77E-07	6.75E-05	2.13E-08	6.20E-09
509	489913.71, 3861150.05	6.01E-03	1.90E-06	5.52E-07	1.29E-04	4.06E-08	1.18E-08	6.04E-03	1.90E-06	5.54E-07	1.49E-04	4.69E-08	1.36E-08	6.27E-03	1.98E-06	5.75E-07	6.76E-05	2.13E-08	6.21E-09
510	489963.71, 3861150.05	5.99E-03	1.89E-06	5.50E-07	1.29E-04	4.06E-08	1.18E-08	6.01E-03	1.90E-06	5.52E-07	1.49E-04	4.70E-08	1.37E-08	6.24E-03	1.97E-06	5.73E-07	6.77E-05	2.14E-08	6.21E-09
511	490013.71, 3861150.05	5.96E-03	1.88E-06	5.48E-07	1.29E-04	4.07E-08	1.18E-08	5.99E-03	1.89E-06	5.50E-07	1.49E-04	4.70E-08	1.37E-08	6.21E-03	1.96E-06	5.71E-07	6.77E-05	2.14E-08	6.22E-09
512	490063.71, 3861150.05	5.95E-03	1.88E-06	5.46E-07	1.29E-04	4.07E-08	1.18E-08	5.97E-03	1.88E-06	5.48E-07	1.49E-04	4.71E-08	1.37E-08	6.20E-03	1.96E-06	5.69E-07	6.79E-05	2.14E-08	6.23E-09
513	489613.71, 3861200.05	5.68E-03	1.79E-06	5.21E-07	1.25E-04	3.93E-08	1.14E-08	5.70E-03	1.80E-06	5.23E-07	1.44E-04	4.54E-08	1.32E-08	5.91E-03	1.87E-06	5.43E-07	6.54E-05	2.06E-08	6.00E-09
514	489663.71, 3861200.05	5.68E-03	1.79E-06	5.21E-07	1.25E-04	3.94E-08	1.15E-08	5.70E-03	1.80E-06	5.23E-07	1.44E-04	4.55E-08	1.32E-08	5.91E-03	1.87E-06	5.43E-07	6.56E-05	2.07E-08	6.02E-09
515	489713.71, 3861200.05	5.67E-03	1.79E-06	5.21E-07	1.25E-04	3.95E-08	1.15E-08	5.69E-03	1.80E-06	5.23E-07	1.45E-04	4.57E-08	1.33E-08	5.91E-03	1.86E-06	5.42E-07	6.57E-05	2.07E-08	6.03E-09
516	489763.71, 3861200.05	5.67E-03	1.79E-06	5.20E-07	1.25E-04	3.96E-08	1.15E-08	5.69E-03	1.79E-06	5.22E-07	1.45E-04	4.58E-08	1.33E-08	5.90E-03	1.86E-06	5.42E-07	6.59E-05	2.08E-08	6.05E-09
517	489813.71, 3861200.05	5.66E-03	1.79E-06	5.19E-07	1.26E-04	3.97E-08	1.15E-08	5.68E-03	1.79E-06	5.21E-07	1.45E-04	4.59E-08	1.33E-08	5.89E-03	1.86E-06	5.41E-07	6.61E-05	2.09E-08	6.06E-09
518	489863.71, 3861200.05	5.65E-03	1.78E-06	5.19E-07	1.26E-04	3.98E-08	1.16E-08	5.67E-03	1.79E-06	5.21E-07	1.46E-04	4.60E-08	1.34E-08	5.89E-03	1.86E-06	5.40E-07	6.63E-05	2.09E-08	6.08E-09
519	489913.71, 3861200.05	5.63E-03	1.78E-06	5.17E-07	1.26E-04	3.99E-08	1.16E-08	5.65E-03	1.78E-06	5.19E-07	1.46E-04	4.61E-08	1.34E-08	5.87E-03	1.85E-06	5.39E-07	6.64E-05	2.10E-08	6.09E-09
520	489963.71, 3861200.05	5.61E-03	1.77E-06	5.15E-07	1.26E-04	3.99E-08	1.16E-08	5.63E-03	1.78E-06	5.17E-07	1.46E-04	4.61E-08	1.34E-08	5.84E-03	1.84E-06	5.36E-07	6.64E-05	2.10E-08	6.10E-09
521	490013.71, 3861200.05	5.59E-03	1.77E-06	5.14E-07	1.27E-04	3.99E-08	1.16E-08	5.62E-03	1.77E-06	5.16E-07	1.46E-04	4.62E-08	1.34E-08	5.82E-03	1.84E-06	5.35E-07	6.65E-05	2.10E-08	6.11E-09
522	490063.71, 3861200.05	5.57E-03	1.76E-06	5.12E-07	1.27E-04	4.00E-08	1.16E-08	5.60E-03	1.77E-06	5.14E-07	1.46E-04	4.62E-08	1.34E-08	5.80E-03	1.83E-06	5.33E-07	6.66E-05	2.10E-08	6.11E-09
523	489513.71, 3861250.05	5.30E-03	1.67E-06	4.87E-07	1.22E-04	3.84E-08	1.12E-08	5.32E-03	1.68E-06	4.89E-07	1.41E-04	4.44E-08	1.29E-08	5.52E-03	1.74E-06	5.07E-07	6.39E-05	2.02E-08	5.87E-09
524	489563.71, 3861250.05	5.31E-03	1.68E-06	4.88E-07	1.22E-04	3.85E-08	1.12E-08	5.33E-03	1.68E-06	4.90E-07	1.41E-04	4.45E-08	1.30E-08	5.53E-03	1.75E-06	5.08E-07	6.41E-05	2.02E-08	5.88E-09

525	489613.71, 3861250.05	5.32E-03	1.68E-06	4.88E-07	1.22E-04	3.86E-08	1.12E-08	5.34E-03	1.69E-06	4.90E-07	1.41E-04	4.46E-08	1.30E-08	5.54E-03	1.75E-06	5.08E-07	6.42E-05	2.03E-08	5.90E-09
526	489663.71, 3861250.05	5.32E-03	1.68E-06	4.88E-07	1.22E-04	3.87E-08	1.12E-08	5.34E-03	1.68E-06	4.90E-07	1.42E-04	4.47E-08	1.30E-08	5.53E-03	1.75E-06	5.08E-07	6.43E-05	2.03E-08	5.91E-09
527	489713.71, 3861250.05	5.32E-03	1.68E-06	4.88E-07	1.23E-04	3.87E-08	1.13E-08	5.34E-03	1.68E-06	4.90E-07	1.42E-04	4.48E-08	1.30E-08	5.53E-03	1.75E-06	5.08E-07	6.45E-05	2.04E-08	5.92E-09
528	489763.71, 3861250.05	5.31E-03	1.68E-06	4.88E-07	1.23E-04	3.88E-08	1.13E-08	5.33E-03	1.68E-06	4.90E-07	1.42E-04	4.49E-08	1.31E-08	5.53E-03	1.75E-06	5.08E-07	6.47E-05	2.04E-08	5.94E-09
529	489813.71, 3861250.05	5.31E-03	1.67E-06	4.87E-07	1.23E-04	3.89E-08	1.13E-08	5.33E-03	1.68E-06	4.89E-07	1.43E-04	4.50E-08	1.31E-08	5.52E-03	1.74E-06	5.07E-07	6.48E-05	2.05E-08	5.95E-09
530	489863.71, 3861250.05	5.30E-03	1.67E-06	4.86E-07	1.24E-04	3.90E-08	1.14E-08	5.32E-03	1.68E-06	4.88E-07	1.43E-04	4.51E-08	1.31E-08	5.52E-03	1.74E-06	5.06E-07	6.50E-05	2.05E-08	5.96E-09
531	489913.71, 3861250.05	5.29E-03	1.67E-06	4.86E-07	1.24E-04	3.91E-08	1.14E-08	5.31E-03	1.68E-06	4.88E-07	1.43E-04	4.52E-08	1.32E-08	5.51E-03	1.74E-06	5.06E-07	6.51E-05	2.06E-08	5.98E-09
532	489963.71, 3861250.05	5.28E-03	1.67E-06	4.85E-07	1.24E-04	3.92E-08	1.14E-08	5.30E-03	1.67E-06	4.87E-07	1.44E-04	4.53E-08	1.32E-08	5.49E-03	1.73E-06	5.04E-07	6.53E-05	2.06E-08	5.99E-09
533	490013.71, 3861250.05	5.26E-03	1.66E-06	4.83E-07	1.24E-04	3.92E-08	1.14E-08	5.28E-03	1.67E-06	4.85E-07	1.44E-04	4.54E-08	1.32E-08	5.48E-03	1.73E-06	5.03E-07	6.54E-05	2.06E-08	6.00E-09
534	490063.71, 3861250.05	5.24E-03	1.65E-06	4.81E-07	1.24E-04	3.92E-08	1.14E-08	5.26E-03	1.66E-06	4.83E-07	1.44E-04	4.54E-08	1.32E-08	5.45E-03	1.72E-06	5.01E-07	6.54E-05	2.06E-08	6.00E-09
535	489528.13, 3861308.47	4.92E-03	1.55E-06	4.52E-07	1.19E-04	3.76E-08	1.09E-08	4.94E-03	1.56E-06	4.54E-07	1.38E-04	4.35E-08	1.27E-08	5.12E-03	1.62E-06	4.70E-07	6.26E-05	1.97E-08	5.74E-09
536	489578.13, 3861308.47	4.93E-03	1.56E-06	4.53E-07	1.19E-04	3.77E-08	1.10E-08	4.95E-03	1.56E-06	4.55E-07	1.38E-04	4.36E-08	1.27E-08	5.13E-03	1.62E-06	4.71E-07	6.27E-05	1.98E-08	5.76E-09
537	489628.13, 3861308.47	4.94E-03	1.56E-06	4.53E-07	1.20E-04	3.78E-08	1.10E-08	4.96E-03	1.57E-06	4.55E-07	1.38E-04	4.37E-08	1.27E-08	5.14E-03	1.62E-06	4.72E-07	6.28E-05	1.98E-08	5.77E-09
538	489678.13, 3861308.47	4.94E-03	1.56E-06	4.54E-07	1.20E-04	3.79E-08	1.10E-08	4.97E-03	1.57E-06	4.56E-07	1.39E-04	4.38E-08	1.27E-08	5.14E-03	1.62E-06	4.72E-07	6.30E-05	1.99E-08	5.78E-09
539	489728.13, 3861308.47	4.95E-03	1.56E-06	4.54E-07	1.20E-04	3.79E-08	1.10E-08	4.97E-03	1.57E-06	4.56E-07	1.39E-04	4.39E-08	1.28E-08	5.15E-03	1.62E-06	4.72E-07	6.31E-05	1.99E-08	5.80E-09
540	489778.13, 3861308.47	4.94E-03	1.56E-06	4.54E-07	1.20E-04	3.80E-08	1.11E-08	4.96E-03	1.57E-06	4.56E-07	1.39E-04	4.40E-08	1.28E-08	5.14E-03	1.62E-06	4.72E-07	6.33E-05	2.00E-08	5.81E-09
541	489678.13, 3861358.47	4.66E-03	1.47E-06	4.28E-07	1.18E-04	3.72E-08	1.08E-08	4.68E-03	1.48E-06	4.30E-07	1.36E-04	4.30E-08	1.25E-08	4.85E-03	1.53E-06	4.45E-07	6.18E-05	1.95E-08	5.68E-09
542	489728.13, 3861358.47	4.66E-03	1.47E-06	4.28E-07	1.18E-04	3.72E-08	1.08E-08	4.68E-03	1.48E-06	4.30E-07	1.36E-04	4.31E-08	1.25E-08	4.85E-03	1.53E-06	4.45E-07	6.20E-05	1.96E-08	5.69E-09
543	489528.13, 3861408.47	4.38E-03	1.38E-06	4.02E-07	1.15E-04	3.63E-08	1.06E-08	4.40E-03	1.39E-06	4.04E-07	1.33E-04	4.20E-08	1.22E-08	4.55E-03	1.44E-06	4.18E-07	6.03E-05	1.90E-08	5.54E-09
544	489578.13, 3861408.47	4.39E-03	1.39E-06	4.03E-07	1.15E-04	3.64E-08	1.06E-08	4.41E-03	1.39E-06	4.05E-07	1.33E-04	4.21E-08	1.22E-08	4.56E-03	1.44E-06	4.19E-07	6.05E-05	1.91E-08	5.55E-09
545	489628.13, 3861408.47	4.41E-03	1.39E-06	4.04E-07	1.16E-04	3.65E-08	1.06E-08	4.43E-03	1.40E-06	4.06E-07	1.34E-04	4.22E-08	1.23E-08	4.58E-03	1.44E-06	4.20E-07	6.07E-05	1.92E-08	5.57E-09
546	489678.13, 3861408.47	4.41E-03	1.39E-06	4.05E-07	1.16E-04	3.65E-08	1.06E-08	4.43E-03	1.40E-06	4.06E-07	1.34E-04	4.22E-08	1.23E-08	4.58E-03	1.45E-06	4.20E-07	6.07E-05	1.92E-08	5.58E-09
547	489728.13, 3861408.47	4.41E-03	1.39E-06	4.05E-07	1.16E-04	3.66E-08	1.06E-08	4.43E-03	1.40E-06	4.07E-07	1.34E-04	4.23E-08	1.23E-08	4.58E-03	1.45E-06	4.21E-07	6.08E-05	1.92E-08	5.58E-09
548	489528.13, 3861458.47	4.15E-03	1.31E-06	3.81E-07	1.13E-04	3.57E-08	1.04E-08	4.17E-03	1.32E-06	3.83E-07	1.31E-04	4.13E-08	1.20E-08	4.31E-03	1.36E-06	3.96E-07	5.93E-05	1.87E-08	5.45E-09
549	489578.13, 3861458.47	4.16E-03	1.31E-06	3.82E-07	1.13E-04	3.58E-08	1.04E-08	4.18E-03	1.32E-06	3.84E-07	1.31E-04	4.14E-08	1.20E-08	4.32E-03	1.36E-06	3.97E-07	5.95E-05	1.88E-08	5.46E-09
550	489628.13, 3861458.47	4.17E-03	1.32E-06	3.83E-07	1.14E-04	3.58E-08	1.04E-08	4.19E-03	1.32E-06	3.85E-07	1.31E-04	4.14E-08	1.21E-08	4.33E-03	1.37E-06	3.98E-07	5.96E-05	1.88E-08	5.47E-09
551	489678.13, 3861458.47	4.18E-03	1.32E-06	3.83E-07	1.14E-04	3.59E-08	1.04E-08	4.20E-03	1.32E-06	3.85E-07	1.31E-04	4.15E-08	1.21E-08	4.34E-03	1.37E-06	3.98E-07	5.96E-05	1.88E-08	5.48E-09
552	489728.13, 3861458.47	4.17E-03	1.32E-06	3.83E-07	1.14E-04	3.59E-08	1.04E-08	4.19E-03	1.32E-06	3.85E-07	1.31E-04	4.15E-08	1.21E-08	4.34E-03	1.37E-06	3.98E-07	5.97E-05	1.88E-08	5.48E-09
553	489528.13, 3861508.47	3.95E-03	1.25E-06	3.62E-07	1.11E-04	3.51E-08	1.02E-08	3.96E-03	1.25E-06	3.64E-07	1.29E-04	4.06E-08	1.18E-08	4.10E-03	1.29E-06	3.76E-07	5.83E-05	1.84E-08	5.36E-09
554	489578.13, 3861508.47	3.95E-03	1.25E-06	3.63E-07	1.11E-04	3.51E-08	1.02E-08	3.97E-03	1.25E-06	3.65E-07	1.29E-04	4.07E-08	1.18E-08	4.10E-03	1.29E-06	3.77E-07	5.84E-05	1.84E-08	5.36E-09
555	489628.13, 3861508.47	3.96E-03	1.25E-06	3.63E-07	1.11E-04	3.52E-08	1.02E-08	3.98E-03	1.26E-06	3.65E-07	1.29E-04	4.07E-08	1.18E-08	4.11E-03	1.30E-06	3.77E-07	5.85E-05	1.85E-08	5.37E-09
556	489678.13, 3861508.47	3.96E-03	1.25E-06	3.64E-07	1.12E-04	3.52E-08	1.02E-08	3.98E-03	1.26E-06	3.65E-07	1.29E-04	4.07E-08	1.19E-08	4.11E-03	1.30E-06	3.78E-07	5.86E-05	1.85E-08	5.38E-09
557	489728.13, 3861508.47	3.96E-03	1.25E-06	3.64E-07	1.12E-04	3.53E-08	1.03E-08	3.98E-03	1.26E-06	3.66E-07	1.29E-04	4.08E-08	1.19E-08	4.11E-03	1.30E-06	3.78E-07	5.86E-05	1.85E-08	5.38E-09
558	489628.13, 3861558.47	3.77E-03	1.19E-06	3.46E-07	1.10E-04	3.46E-08	1.01E-08	3.79E-03	1.20E-06	3.48E-07	1.27E-04	4.01E-08	1.17E-08	3.91E-03	1.24E-06	3.59E-07	5.76E-05	1.82E-08	5.28E-09
559	489678.13, 3861558.47	3.78E-03	1.19E-06	3.47E-07	1.10E-04	3.47E-08	1.01E-08	3.80E-03	1.20E-06	3.49E-07	1.27E-04	4.01E-08	1.17E-08	3.92E-03	1.24E-06	3.60E-07	5.77E-05	1.82E-08	5.29E-09
560	489728.13, 3861558.47	3.79E-03	1.19E-06	3.48E-07	1.10E-04	3.47E-08	1.01E-08	3.80E-03	1.20E-06	3.49E-07	1.27E-04	4.02E-08	1.17E-08	3.93E-03	1.24E-06	3.61E-07	5.77E-05	1.82E-08	5.30E-09
561	489357.08, 3861015.81	7.66E-03	2.42E-06	7.03E-07	1.33E-04	4.20E-08	1.22E-08	7.68E-03	2.43E-06	7.05E-07	1.54E-04	4.85E-08	1.41E-08	8.00E-03	2.53E-06	7.35E-07	7.00E-05	2.21E-08	6.42E-09
562	489407.08, 3861015.81	7.63E-03	2.41E-06	7.00E-07	1.33E-04	4.20E-08	1.22E-08	7.65E-03	2.42E-06	7.03E-07	1.54E-04	4.85E-08	1.41E-08	7.97E-03	2.52E-06	7.32E-07	7.00E-05	2.21E-08	6.43E-09
563	489457.08, 3861015.81	7.61E-03	2.40E-06	6.99E-07	1.33E-04	4.20E-08	1.22E-08	7.63E-03	2.41E-06	7.01E-07	1.54E-04	4.86E-08	1.41E-08	7.95E-03	2.51E-06	7.30E-07	7.01E-05	2.21E-08	6.43E-09
564	489357.08, 3861065.81	7.03E-03	2.22E-06	6.45E-07	1.31E-04	4.12E-08	1.20E-08	7.05E-03	2.22E-06	6.47E-07	1.51E-04	4.77E-08	1.39E-08	7.33E-03	2.31E-06	6.73E-07	6.87E-05	2.17E-08	6.30E-09
565	489407.08, 3861065.81	7.00E-03	2.21E-06	6.43E-07	1.31E-04	4.12E-08	1.20E-08	7.02E-03	2.22E-06	6.45E-07	1.51E-04	4.76E-08	1.39E-08	7.31E-03	2.31E-06	6.71E-07	6.87E-05	2.17E-08	6.30E-09
566	489457.08, 3861065.81	6.99E-03	2.21E-06	6.42E-07	1.31E-04	4.13E-08	1.20E-08	7.01E-03	2.21E-06	6.44E-07	1.51E-04	4.77E-08	1.39E-08	7.30E-03	2.30E-06	6.70E-07	6.87E-05	2.17E-08	6.31E-09
567	489357.08, 3861115.81	6.48E-03	2.04E-06	5.94E-07	1.28E-04	4.04E-08	1.18E-08	6.50E-03	2.05E-06	5.96E-07	1.48E-04	4.68E-08	1.36E-08	6.75E-03	2.13E-06	6.20E-07	6.73E-05	2.13E-08	6.18E-09
568	489407.08, 3861115.81	6.47E-03	2.04E-06	5.94E-07	1.28E-04	4.05E-08	1.18E-08	6.50E-03	2.05E-06	5.96E-07	1.48E-04	4.68E-08	1.36E-08	6.75E-03	2.13E-06	6.20E-07	6.74E-05	2.13E-08	6.19E-09
569	489457.08, 3861115.81	6.47E-03	2.04E-06	5.94E-07	1.29E-04	4.06E-08	1.18E-08	6.49E-03	2.05E-06	5.96E-07	1.49E-04	4.69E-08	1.36E-08	6.75E-03	2.13E-06	6.20E-07	6.76E-05	2.13E-08	6.20E-09
570	489407.08, 3861165.81	6.01E-03	1.90E-06	5.52E-07	1.26E-04	3.98E-08	1.16E-08	6.04E-03	1.90E-06	5.54E-07	1.46E-04	4.60E-08	1.34E-08	6.27E-03	1.98E-06	5.76E-07	6.63E-05	2.09E-08	6.08E-09
571	489457.08, 3861165.81	6.00E-03	1.90E-06	5.51E-07	1.26E-04	3.98E-08	1.16E-08	6.03E-03	1.90E-06	5.53E-07	1.46E-04	4.60E-08	1.34E-08	6.26E-03	1.98E-06	5.75E-07	6.63E-05	2.09E-08	6.08E-09
572	489407.08, 3861215.81	5.57E-03	1.76E-06	5.11E-07	1.23E-04	3.89E-08	1.13E-08	5.59E-03	1.76E-06	5.13E-07	1.43E-04	4.50E-08	1.31E-08	5.80E-03	1.83E-06	5.33E-07	6.48E-05	2.04E-08	5.94E-09
573	489457.08, 3861215.81	5.57E-03	1.76E-06	5.11E-07	1.23E-04	3.90E-08	1.13E-08	5.59E-03	1.76E-06	5.13E-07	1.43E-04	4.50E-08	1.31E-08	5.80E-03	1.83E-06	5.33E-07	6.48E-05	2.05E-08	5.95E-09
574	489407.08, 3861265.81	5.18E-03	1.63E-06	4.75E-07	1.21E-04	3.80E-08	1.11E-08	5.20E-03	1.64E-06	4.77E-07	1.39E-04	4.40E-08	1.28E-08	5.39E-03	1.70E-06	4.95E-07	6.33E-05	2.00E-08	5.81E-09
575	489457.08, 3861265.81	5.19E-03	1.64E-06	4.76E-07	1.21E-04	3.81E-08	1.11E-08	5.21E-03	1.64E-06	4.78E-07	1.40E-04	4.41E-08	1.28E-08	5.40E-03	1.70E-06	4.96E-07	6.34E-05	2.00E-08	5.82E-09
576	489309.86, 3861110.14	6.53E-03	2.06E-06	5.99E-07	1.28E-04	4.04E-08	1.18E-08	6.55E-03	2.07E-06	6.01E-07	1.48E-04	4.68E-08	1.36E-08	6.81E-03	2.15E-06	6.25E-07	6.73E-05	2.13E-08	6.18E-09
577	489407.08, 3861315.81	4.86E-03	1.53E-06	4.46E-07	1.18E-04	3.74E-08	1.09E-08	4.88E-03	1.54E-06	4.48E-07	1.37E-04	4.32E-08	1.26E-08	5.06E-03	1.60E-06	4.64E-07	6.21E-05	1.96E-08	5.70E-09
578	489457.08, 3861315.81	4.87E-03	1.54E-06	4.47E-07	1.19E-04	3.74E-08	1.09E-08	4.89E-03	1.54E-06	4.49E-07	1.37E-04	4.33E-08	1.26E-08	5.07E-03	1.60E-06	4.65E-07	6.23E-05	1.97E-08	5.72E-09
579	488906.03, 3861006.75	7.87E-03	2.48E-06	7.22E-07	1.32E-04	4.16E-08	1.21E-08	7.89E-03	2.49E-06	7.24E-07	1.52E-04	4.81E-08	1.40E-08	8.22E-03	2.59E-06	7.55E-07	6.93E-05	2.19E-08	6.36E-09
580	488956.03, 3861006.75	7.91E-03	2.50E-06	7.26E-07	1.33E-04	4.19E-08	1.22E-08	7.93E-03	2.50E-06	7.28E-07	1.53E-04	4.84E-08	1.41E-08	8.26E-03	2.61E-06	7.59E-07	6.98E-05	2.20E-08	6.41E-09
581	488904.24, 3861051.87	7.26E-03	2.29E-06	6.67E-07	1.31E-04	4.14E-08	1.21E-08	7.29E-03	2.30E-06	6.69E-07	1.52E-04	4.79E-08	1.39E-08	7.59E-03	2.39E-06	6.96E-07	6.90E-05	2.18E-08	6.34E-09
582	488954.24, 3861051.87	7.28E-03	2.30E-06	6.68E-07	1.31E-04	4.13E-08	1.20E-08	7.30E-03	2.30E-06	6.70E-07	1.51E-04	4.78E-08	1.39E-08	7.60E-03	2.40E-06	6.98E-07	6.88E-05	2.17E-08	6.32E-09
583	489004.24, 3861051.87	7.30E-03	2.30E-06	6.70E-07	1.32E-04	4.16E-08	1.21E-08	7.32E-03	2.31E-06	6.72E-07	1.53E-04	4.81E-08	1.40E-08	7.62E-03	2.40E-06	7.00E-07	6.93E-05	2.19E-08	6.37E-09
584	488804.24, 3861101.87	6.60E-03	2.08E-06	6.06E-07	1.27E-04	4.00E-08	1.16E-08	6.62E-03	2.09E-06	6.08E-07	1.47E-04	4.63E-08	1.35E-08	6.89E-03	2.17E-06	6.32E-07	6.66E-05	2.10E-08	6.12E-09
585	488854.24, 3861101.87	6.63E-03	2.09E-06	6.08E-07	1.28E-04	4.03E-08	1.17E-08	6.65E-03	2.10E-06	6.10E-07	1.48E-04	4.66E-08	1.35E-08	6.92E-03	2.18E-06	6.35E-07	6.71E-05	2.12E-08	6.16E-09
586	488904.24, 3861101.87	6.58E-03	2.08E-06	6.04E-07	1.27E-04	4.00E-08	1.16E-08	6.60E-03	2.08E-06	6.06E-07	1.46E-04	4.62E-08	1.34E-08	6.87E-03	2.17E-06	6.30E-07	6.65E-05	2.10E-08	6.11E-09
587	488954.24, 3861101.87	6.57E-03	2.07E-06	6.03E-07	1.27E-04	4.00E-08	1.16E-08	6.59E-03	2.08E-06	6.05E-07	1.46E-04	4.62E-08	1.34E-08	6.85E-03	2.16E-06	6.29E-07	6.65E-05	2.10E-08	6.11E-09
588	489004.24, 3861101.87	6.58E-03	2.08E-06	6.04E-07	1.27E-04	4.01E-08	1.17E-08	6.60E-03	2.08E-06	6.06E-07	1.47E-04	4.64E-08	1.35E-08	6.87E-03	2.17E-06	6.31E-07	6.68E-05	2.11E-08	6.13E-09
589	488804.24, 3861151.87	5.97E-03	1.89E-06	5.48E-07	1.22E-04	3.86E-08	1.12E-08	6.00E-03	1.89E-06	5.50E-07	1.42E-04	4.47E-08	1.30E-08	6.23E-03	1.97E-06	5.72E-07	6.44E-05	2.03E-08	5.91E-09
590	488854.24, 3861151.87	5.97E-03	1.89E-06	5.48E-07	1.23E-04	3.87E-08	1.13E-08	5.99E-03	1.89E-06	5.50E-07	1.42E-04	4.48E-08	1.30E-08	6.23E-03	1.97E-06	5.72E-07	6.45E-05	2.03E-08	5.92E-09

591	489129.49, 3861187.55	5.72E-03	1.81E-06	5.25E-07	1.23E-04	3.88E-08	1.13E-08	5.74E-03	1.81E-06	5.27E-07	1.42E-04	4.49E-08	1.31E-08	5.96E-03	1.88E-06	5.47E-07	6.46E-05	2.04E-08	5.93E-09
592	489179.49, 3861187.55	5.73E-03	1.81E-06	5.26E-07	1.23E-04	3.89E-08	1.13E-08	5.75E-03	1.81E-06	5.28E-07	1.43E-04	4.50E-08	1.31E-08	5.97E-03	1.88E-06	5.48E-07	6.47E-05	2.04E-08	5.94E-09
593	488804.24, 3861201.87	5.54E-03	1.75E-06	5.09E-07	1.20E-04	3.79E-08	1.10E-08	5.56E-03	1.76E-06	5.11E-07	1.39E-04	4.38E-08	1.28E-08	5.78E-03	1.82E-06	5.30E-07	6.31E-05	1.99E-08	5.79E-09
594	488854.24, 3861201.87	5.52E-03	1.74E-06	5.07E-07	1.20E-04	3.79E-08	1.10E-08	5.54E-03	1.75E-06	5.08E-07	1.39E-04	4.38E-08	1.27E-08	5.75E-03	1.81E-06	5.28E-07	6.30E-05	1.99E-08	5.79E-09
595	489129.49, 3861237.55	5.34E-03	1.69E-06	4.91E-07	1.21E-04	3.82E-08	1.11E-08	5.37E-03	1.69E-06	4.93E-07	1.40E-04	4.41E-08	1.28E-08	5.57E-03	1.76E-06	5.11E-07	6.35E-05	2.00E-08	5.83E-09
596	489179.49, 3861237.55	5.34E-03	1.68E-06	4.90E-07	1.21E-04	3.82E-08	1.11E-08	5.36E-03	1.69E-06	4.92E-07	1.40E-04	4.41E-08	1.28E-08	5.56E-03	1.75E-06	5.10E-07	6.35E-05	2.00E-08	5.83E-09
597	488804.24, 3861251.87	5.18E-03	1.63E-06	4.75E-07	1.18E-04	3.72E-08	1.08E-08	5.20E-03	1.64E-06	4.77E-07	1.36E-04	4.31E-08	1.25E-08	5.39E-03	1.70E-06	4.95E-07	6.20E-05	1.96E-08	5.69E-09
598	488854.24, 3861251.87	5.15E-03	1.63E-06	4.73E-07	1.18E-04	3.72E-08	1.08E-08	5.17E-03	1.63E-06	4.75E-07	1.36E-04	4.30E-08	1.25E-08	5.36E-03	1.69E-06	4.92E-07	6.19E-05	1.95E-08	5.68E-09
599	488804.24, 3861301.87	4.84E-03	1.53E-06	4.44E-07	1.16E-04	3.65E-08	1.06E-08	4.86E-03	1.53E-06	4.46E-07	1.34E-04	4.22E-08	1.23E-08	5.03E-03	1.59E-06	4.62E-07	6.07E-05	1.92E-08	5.57E-09
600	488854.24, 3861301.87	4.83E-03	1.52E-06	4.43E-07	1.16E-04	3.65E-08	1.06E-08	4.85E-03	1.53E-06	4.45E-07	1.34E-04	4.22E-08	1.23E-08	5.02E-03	1.59E-06	4.61E-07	6.07E-05	1.92E-08	5.57E-09
601	490943.5, 3860181.97	1.14E-02	3.59E-06	1.04E-06	1.87E-04	5.89E-08	1.71E-08	1.14E-02	3.60E-06	1.05E-06	2.15E-04	6.80E-08	1.98E-08	1.19E-02	3.75E-06	1.09E-06	9.90E-05	3.12E-08	9.09E-09
602	490993.5, 3860181.97	1.11E-02	3.52E-06	1.02E-06	1.85E-04	5.85E-08	1.70E-08	1.12E-02	3.53E-06	1.03E-06	2.14E-04	6.76E-08	1.97E-08	1.16E-02	3.68E-06	1.07E-06	9.84E-05	3.11E-08	9.03E-09
603	491043.5, 3860181.97	1.09E-02	3.45E-06	1.00E-06	1.84E-04	5.82E-08	1.69E-08	1.10E-02	3.46E-06	1.01E-06	2.13E-04	6.72E-08	1.95E-08	1.14E-02	3.60E-06	1.05E-06	9.78E-05	3.09E-08	8.98E-09
604	491093.5, 3860181.97	1.07E-02	3.38E-06	9.82E-07	1.83E-04	5.78E-08	1.68E-08	1.07E-02	3.39E-06	9.85E-07	2.12E-04	6.68E-08	1.94E-08	1.12E-02	3.53E-06	1.03E-06	9.72E-05	3.07E-08	8.93E-09
605	490943.5, 3860231.97	1.12E-02	3.52E-06	1.02E-06	1.84E-04	5.80E-08	1.69E-08	1.12E-02	3.53E-06	1.03E-06	2.12E-04	6.70E-08	1.95E-08	1.17E-02	3.68E-06	1.07E-06	9.75E-05	3.08E-08	8.95E-09
606	490993.5, 3860231.97	1.09E-02	3.45E-06	1.00E-06	1.83E-04	5.77E-08	1.68E-08	1.10E-02	3.46E-06	1.01E-06	2.11E-04	6.66E-08	1.94E-08	1.14E-02	3.61E-06	1.05E-06	9.70E-05	3.06E-08	8.90E-09
607	491043.5, 3860231.97	1.07E-02	3.38E-06	9.83E-07	1.81E-04	5.73E-08	1.67E-08	1.07E-02	3.39E-06	9.86E-07	2.10E-04	6.61E-08	1.92E-08	1.12E-02	3.53E-06	1.03E-06	9.62E-05	3.04E-08	8.83E-09
608	491093.5, 3860231.97	1.05E-02	3.31E-06	9.63E-07	1.80E-04	5.69E-08	1.65E-08	1.05E-02	3.32E-06	9.66E-07	2.08E-04	6.57E-08	1.91E-08	1.10E-02	3.46E-06	1.01E-06	9.55E-05	3.02E-08	8.77E-09
609	490943.5, 3860281.97	1.09E-02	3.44E-06	1.00E-06	1.81E-04	5.72E-08	1.66E-08	1.09E-02	3.45E-06	1.00E-06	2.09E-04	6.60E-08	1.92E-08	1.14E-02	3.60E-06	1.05E-06	9.60E-05	3.03E-08	8.82E-09
610	490993.5, 3860281.97	1.07E-02	3.38E-06	9.82E-07	1.80E-04	5.68E-08	1.65E-08	1.07E-02	3.39E-06	9.85E-07	2.08E-04	6.56E-08	1.91E-08	1.12E-02	3.53E-06	1.03E-06	9.55E-05	3.01E-08	8.76E-09
611	491043.5, 3860281.97	1.05E-02	3.31E-06	9.62E-07	1.79E-04	5.64E-08	1.64E-08	1.05E-02	3.32E-06	9.65E-07	2.06E-04	6.52E-08	1.90E-08	1.09E-02	3.46E-06	1.01E-06	9.47E-05	2.99E-08	8.70E-09
612	491093.5, 3860281.97	1.03E-02	3.24E-06	9.43E-07	1.77E-04	5.60E-08	1.63E-08	1.03E-02	3.25E-06	9.45E-07	2.05E-04	6.47E-08	1.88E-08	1.07E-02	3.38E-06	9.85E-07	9.41E-05	2.97E-08	8.63E-09
613	490943.5, 3860331.97	1.06E-02	3.36E-06	9.77E-07	1.79E-04	5.64E-08	1.64E-08	1.07E-02	3.37E-06	9.80E-07	2.06E-04	6.51E-08	1.89E-08	1.11E-02	3.51E-06	1.02E-06	9.46E-05	2.99E-08	8.69E-09
614	490993.5, 3860331.97	1.04E-02	3.29E-06	9.57E-07	1.77E-04	5.59E-08	1.63E-08	1.05E-02	3.30E-06	9.60E-07	2.05E-04	6.46E-08	1.88E-08	1.09E-02	3.44E-06	1.00E-06	9.39E-05	2.96E-08	8.62E-09
615	491043.5, 3860331.97	1.02E-02	3.22E-06	9.38E-07	1.76E-04	5.55E-08	1.61E-08	1.02E-02	3.23E-06	9.40E-07	2.03E-04	6.41E-08	1.86E-08	1.07E-02	3.37E-06	9.79E-07	9.31E-05	2.94E-08	8.55E-09
616	491093.5, 3860331.97	1.00E-02	3.16E-06	9.19E-07	1.75E-04	5.51E-08	1.60E-08	1.00E-02	3.17E-06	9.22E-07	2.02E-04	6.36E-08	1.85E-08	1.05E-02	3.30E-06	9.60E-07	9.25E-05	2.92E-08	8.49E-09
617	490086.72, 3859935.12	1.74E-02	5.49E-06	1.60E-06	2.30E-04	7.25E-08	2.11E-08	1.74E-02	5.50E-06	1.60E-06	2.65E-04	8.36E-08	2.43E-08	1.82E-02	5.75E-06	1.67E-06	1.23E-04	3.88E-08	1.13E-08
618	490136.72, 3859935.12	1.70E-02	5.37E-06	1.56E-06	2.28E-04	7.21E-08	2.10E-08	1.71E-02	5.38E-06	1.57E-06	2.63E-04	8.31E-08	2.42E-08	1.78E-02	5.62E-06	1.64E-06	1.22E-04	3.85E-08	1.12E-08
619	490186.72, 3859935.12	1.66E-02	5.25E-06	1.53E-06	2.27E-04	7.16E-08	2.08E-08	1.67E-02	5.27E-06	1.53E-06	2.62E-04	8.25E-08	2.40E-08	1.74E-02	5.50E-06	1.60E-06	1.21E-04	3.83E-08	1.11E-08
620	490236.72, 3859935.12	1.63E-02	5.14E-06	1.50E-06	2.25E-04	7.10E-08	2.07E-08	1.63E-02	5.15E-06	1.50E-06	2.60E-04	8.19E-08	2.38E-08	1.70E-02	5.38E-06	1.56E-06	1.20E-04	3.79E-08	1.10E-08
621	490286.72, 3859935.12	1.59E-02	5.03E-06	1.46E-06	2.23E-04	7.04E-08	2.05E-08	1.60E-02	5.04E-06	1.47E-06	2.57E-04	8.12E-08	2.36E-08	1.67E-02	5.26E-06	1.53E-06	1.19E-04	3.76E-08	1.09E-08
622	490336.72, 3859935.12	1.56E-02	4.92E-06	1.43E-06	2.21E-04	6.98E-08	2.03E-08	1.56E-02	4.93E-06	1.44E-06	2.55E-04	8.05E-08	2.34E-08	1.63E-02	5.15E-06	1.50E-06	1.18E-04	3.73E-08	1.08E-08
623	490386.72, 3859935.12	1.53E-02	4.82E-06	1.40E-06	2.19E-04	6.92E-08	2.01E-08	1.53E-02	4.83E-06	1.40E-06	2.53E-04	7.98E-08	2.32E-08	1.60E-02	5.04E-06	1.47E-06	1.17E-04	3.69E-08	1.07E-08
624	490436.72, 3859935.12	1.49E-02	4.71E-06	1.37E-06	2.17E-04	6.86E-08	2.00E-08	1.50E-02	4.73E-06	1.37E-06	2.51E-04	7.92E-08	2.30E-08	1.56E-02	4.93E-06	1.43E-06	1.16E-04	3.66E-08	1.06E-08
625	490486.72, 3859935.12	1.46E-02	4.61E-06	1.34E-06	2.16E-04	6.80E-08	1.98E-08	1.47E-02	4.63E-06	1.35E-06	2.49E-04	7.85E-08	2.28E-08	1.53E-02	4.83E-06	1.40E-06	1.15E-04	3.63E-08	1.06E-08
626	490536.72, 3859935.12	1.43E-02	4.52E-06	1.31E-06	2.14E-04	6.77E-08	1.97E-08	1.43E-02	4.53E-06	1.32E-06	2.47E-04	7.81E-08	2.27E-08	1.50E-02	4.72E-06	1.37E-06	1.14E-04	3.61E-08	1.05E-08
627	490586.72, 3859935.12	1.40E-02	4.42E-06	1.28E-06	2.14E-04	6.74E-08	1.96E-08	1.40E-02	4.43E-06	1.29E-06	2.47E-04	7.78E-08	2.26E-08	1.46E-02	4.62E-06	1.34E-06	1.14E-04	3.59E-08	1.05E-08
628	490636.72, 3859935.12	1.37E-02	4.33E-06	1.26E-06	2.12E-04	6.70E-08	1.95E-08	1.37E-02	4.34E-06	1.26E-06	2.45E-04	7.74E-08	2.25E-08	1.43E-02	4.52E-06	1.32E-06	1.13E-04	3.57E-08	1.04E-08
629	490686.72, 3859935.12	1.34E-02	4.22E-06	1.23E-06	2.12E-04	6.69E-08	1.95E-08	1.34E-02	4.23E-06	1.23E-06	2.45E-04	7.72E-08	2.25E-08	1.40E-02	4.41E-06	1.28E-06	1.13E-04	3.56E-08	1.04E-08
630	490736.72, 3859935.12	1.31E-02	4.13E-06	1.20E-06	2.11E-04	6.67E-08	1.94E-08	1.31E-02	4.14E-06	1.21E-06	2.44E-04	7.70E-08	2.24E-08	1.37E-02	4.32E-06	1.26E-06	1.13E-04	3.55E-08	1.03E-08
631	490086.72, 3859985.12	1.74E-02	5.49E-06	1.60E-06	2.25E-04	7.11E-08	2.07E-08	1.74E-02	5.50E-06	1.60E-06	2.60E-04	8.20E-08	2.39E-08	1.82E-02	5.75E-06	1.67E-06	1.20E-04	3.80E-08	1.11E-08
632	490136.72, 3859985.12	1.70E-02	5.37E-06	1.56E-06	2.24E-04	7.07E-08	2.06E-08	1.70E-02	5.38E-06	1.56E-06	2.59E-04	8.16E-08	2.37E-08	1.78E-02	5.62E-06	1.63E-06	1.20E-04	3.78E-08	1.10E-08
633	490186.72, 3859985.12	1.66E-02	5.24E-06	1.53E-06	2.23E-04	7.04E-08	2.05E-08	1.67E-02	5.26E-06	1.53E-06	2.57E-04	8.12E-08	2.36E-08	1.74E-02	5.49E-06	1.60E-06	1.19E-04	3.76E-08	1.09E-08
634	490236.72, 3859985.12	1.62E-02	5.12E-06	1.49E-06	2.22E-04	7.00E-08	2.04E-08	1.63E-02	5.14E-06	1.49E-06	2.56E-04	8.07E-08	2.35E-08	1.70E-02	5.36E-06	1.56E-06	1.18E-04	3.74E-08	1.09E-08
635	490286.72, 3859985.12	1.59E-02	5.01E-06	1.46E-06	2.20E-04	6.94E-08	2.02E-08	1.59E-02	5.02E-06	1.46E-06	2.54E-04	8.01E-08	2.33E-08	1.66E-02	5.24E-06	1.53E-06	1.17E-04	3.71E-08	1.08E-08
636	490336.72, 3859985.12	1.55E-02	4.90E-06	1.43E-06	2.18E-04	6.88E-08	2.00E-08	1.56E-02	4.91E-06	1.43E-06	2.52E-04	7.94E-08	2.31E-08	1.62E-02	5.13E-06	1.49E-06	1.16E-04	3.67E-08	1.07E-08
637	490386.72, 3859985.12	1.52E-02	4.79E-06	1.39E-06	2.16E-04	6.82E-08	1.98E-08	1.52E-02	4.81E-06	1.40E-06	2.49E-04	7.87E-08	2.29E-08	1.59E-02	5.02E-06	1.46E-06	1.15E-04	3.64E-08	1.06E-08
638	490436.72, 3859985.12	1.49E-02	4.69E-06	1.36E-06	2.14E-04	6.76E-08	1.97E-08	1.49E-02	4.70E-06	1.37E-06	2.47E-04	7.80E-08	2.27E-08	1.55E-02	4.91E-06	1.43E-06	1.14E-04	3.60E-08	1.05E-08
639	490486.72, 3859985.12	1.45E-02	4.59E-06	1.33E-06	2.12E-04	6.70E-08	1.95E-08	1.46E-02	4.60E-06	1.34E-06	2.45E-04	7.73E-08	2.25E-08	1.52E-02	4.80E-06	1.40E-06	1.13E-04	3.57E-08	1.04E-08
640	490536.72, 3859985.12	1.42E-02	4.49E-06	1.31E-06	2.11E-04	6.66E-08	1.94E-08	1.43E-02	4.50E-06	1.31E-06	2.43E-04	7.68E-08	2.23E-08	1.49E-02	4.70E-06	1.37E-06	1.12E-04	3.55E-08	1.03E-08
641	490586.72, 3859985.12	1.39E-02	4.39E-06	1.28E-06	2.10E-04	6.62E-08	1.92E-08	1.40E-02	4.40E-06	1.28E-06	2.42E-04	7.64E-08	2.22E-08	1.46E-02	4.59E-06	1.34E-06	1.12E-04	3.52E-08	1.03E-08
642	490636.72, 3859985.12	1.36E-02	4.30E-06	1.25E-06	2.09E-04	6.59E-08	1.92E-08	1.37E-02	4.31E-06	1.25E-06	2.41E-04	7.60E-08	2.21E-08	1.42E-02	4.49E-06	1.31E-06	1.11E-04	3.51E-08	1.02E-08
643	490686.72, 3859985.12	1.33E-02	4.20E-06	1.22E-06	2.08E-04	6.57E-08	1.91E-08	1.33E-02	4.21E-06	1.22E-06	2.40E-04	7.59E-08	2.21E-08	1.39E-02	4.39E-06	1.28E-06	1.11E-04	3.50E-08	1.02E-08
644	490736.72, 3859985.12	1.30E-02	4.11E-06	1.20E-06	2.07E-04	6.54E-08	1.90E-08	1.31E-02	4.12E-06	1.20E-06	2.39E-04	7.54E-08	2.19E-08	1.36E-02	4.30E-06	1.25E-06	1.10E-04	3.48E-08	1.01E-08
645	490786.72, 3859985.12	1.28E-02	4.03E-06	1.17E-06	2.06E-04	6.50E-08	1.89E-08	1.28E-02	4.04E-06	1.17E-06	2.38E-04	7.51E-08	2.18E-08	1.33E-02	4.21E-06	1.22E-06	1.10E-04	3.46E-08	1.01E-08
646	490086.72, 3860035.12	1.74E-02	5.49E-06	1.60E-06	2.21E-04	6.97E-08	2.03E-08	1.74E-02	5.50E-06	1.60E-06	2.55E-04	8.03E-08	2.34E-08	1.82E-02	5.75E-06	1.67E-06	1.18E-04	3.72E-08	1.08E-08
647	490136.72, 3860035.12	1.70E-02	5.36E-06	1.56E-06	2.20E-04	6.94E-08	2.02E-08	1.70E-02	5.37E-06	1.56E-06	2.54E-04	8.01E-08	2.33E-08	1.78E-02	5.61E-06	1.63E-06	1.17E-04	3.71E-08	1.08E-08
648	490186.72, 3860035.12	1.66E-02	5.23E-06	1.52E-06	2.19E-04	6.91E-08	2.01E-08	1.66E-02	5.24E-06	1.53E-06	2.53E-04	7.97E-08	2.32E-08	1.74E-02	5.48E-06	1.59E-06	1.17E-04	3.69E-08	1.07E-08
649	490236.72, 3860035.12	1.62E-02	5.11E-06	1.49E-06	2.18E-04	6.87E-08	2.00E-08	1.62E-02	5.12E-06	1.49E-06	2.51E-04	7.93E-08	2.31E-08	1.69E-02	5.35E-06	1.56E-06	1.16E-04	3.67E-08	1.07E-08
650	490286.72, 3860035.12	1.58E-02	4.99E-06	1.45E-06	2.16E-04	6.83E-08	1.99E-08	1.59E-02	5.00E-06	1.46E-06	2.50E-04	7.87E-08	2.29E-08	1.66E-02	5.22E-06	1.52E-06	1.15E-04	3.64E-08	1.06E-08
651	490336.72, 3860035.12	1.54E-02	4.88E-06	1.42E-06	2.15E-04	6.78E-08	1.97E-08	1.55E-02	4.89E-06	1.42E-06	2.48E-04	7.83E-08	2.28E-08	1.62E-02	5.10E-06	1.48E-06	1.15E-04	3.62E-08	1.05E-08
652	490386.72, 3860035.12	1.51E-02	4.77E-06	1.39E-06	2.13E-04	6.72E-08	1.95E-08	1.51E-02	4.78E-06	1.39E-06	2.46E-04	7.75E-08	2.26E-08	1.58E-02	4.99E-06	1.45E-06	1.13E-04	3.58E-08	1.04E-08
653	490436.72, 3860035.12	1.48E-02	4.66E-06	1.36E-06	2.11E-04	6.66E-08	1.94E-08	1.48E-02	4.67E-06	1.36E-06	2.43E-04	7.68E-08	2.24E-08	1.54E-02	4.88E-06	1.42E-06	1.12E-04	3.55E-08	1.03E-08
654	490486.72, 3860035.12	1.44E-02	4.56E-06	1.33E-06	2.09E-04	6.60E-08	1.92E-08	1.45E-02	4.57E-06	1.33E-06	2.41E-04	7.62E-08	2.22E-08	1.51E-02	4.77E-06	1.39E-06	1.11E-04	3.52E-08	1.02E-08
655	490536.72, 3860035.12	1.41E-02	4.46E-06	1.30E-06	2.08E-04	6.55E-08	1.91E-08	1.42E-02	4.47E-06	1.30E-06	2.40E-04	7.56E-08	2.20E-08	1.48E-02	4.66E-06	1.36E-06	1.11E-04	3.49E-08	1.02E-08
656	490586.72, 3860035.12	1.38E-02	4.36E-06	1.27E-06	2.06E-04	6.51E-08	1.89E-08	1.38E-02	4.37E-06	1.27E-06	2.38E-04	7.51E-08	2.18E-08	1.44E-02	4.56E-06	1.33E-06	1.10E-04	3.46E-08	1.01E-08

657	490636.72, 3860035.12	1.35E-02	4.27E-06	1.24E-06	2.04E-04	6.45E-08	1.88E-08	1.35E-02	4.28E-06	1.24E-06	2.36E-04	7.45E-08	2.17E-08	1.41E-02	4.46E-06	1.30E-06	1.09E-04	3.44E-08	9.99E-09
658	490686.72, 3860035.12	1.32E-02	4.17E-06	1.21E-06	2.03E-04	6.42E-08	1.87E-08	1.33E-02	4.18E-06	1.22E-06	2.35E-04	7.41E-08	2.16E-08	1.38E-02	4.36E-06	1.27E-06	1.08E-04	3.42E-08	9.94E-09
659	490736.72, 3860035.12	1.29E-02	4.08E-06	1.19E-06	2.03E-04	6.41E-08	1.86E-08	1.30E-02	4.09E-06	1.19E-06	2.34E-04	7.40E-08	2.15E-08	1.35E-02	4.27E-06	1.24E-06	1.08E-04	3.41E-08	9.92E-09
660	490786.72, 3860035.12	1.27E-02	4.00E-06	1.16E-06	2.02E-04	6.37E-08	1.85E-08	1.27E-02	4.01E-06	1.17E-06	2.33E-04	7.36E-08	2.14E-08	1.32E-02	4.18E-06	1.22E-06	1.07E-04	3.39E-08	9.86E-09
661	490836.72, 3860035.12	1.24E-02	3.92E-06	1.14E-06	2.01E-04	6.34E-08	1.84E-08	1.24E-02	3.93E-06	1.14E-06	2.32E-04	7.32E-08	2.13E-08	1.30E-02	4.09E-06	1.19E-06	1.07E-04	3.37E-08	9.80E-09
662	490086.72, 3860085.12	1.73E-02	5.47E-06	1.59E-06	2.17E-04	6.84E-08	1.99E-08	1.74E-02	5.48E-06	1.59E-06	2.50E-04	7.89E-08	2.29E-08	1.81E-02	5.73E-06	1.67E-06	1.16E-04	3.65E-08	1.06E-08
663	490136.72, 3860085.12	1.69E-02	5.35E-06	1.56E-06	2.15E-04	6.80E-08	1.98E-08	1.70E-02	5.36E-06	1.56E-06	2.49E-04	7.84E-08	2.28E-08	1.77E-02	5.60E-06	1.63E-06	1.15E-04	3.63E-08	1.06E-08
664	490186.72, 3860085.12	1.65E-02	5.21E-06	1.52E-06	2.15E-04	6.78E-08	1.97E-08	1.66E-02	5.22E-06	1.52E-06	2.48E-04	7.83E-08	2.28E-08	1.73E-02	5.46E-06	1.59E-06	1.15E-04	3.62E-08	1.05E-08
665	490236.72, 3860085.12	1.61E-02	5.09E-06	1.48E-06	2.14E-04	6.75E-08	1.96E-08	1.61E-02	5.10E-06	1.48E-06	2.47E-04	7.79E-08	2.27E-08	1.69E-02	5.32E-06	1.55E-06	1.14E-04	3.60E-08	1.05E-08
666	490286.72, 3860085.12	1.57E-02	4.96E-06	1.44E-06	2.13E-04	6.71E-08	1.95E-08	1.58E-02	4.97E-06	1.45E-06	2.45E-04	7.75E-08	2.25E-08	1.65E-02	5.20E-06	1.51E-06	1.13E-04	3.58E-08	1.04E-08
667	490336.72, 3860085.12	1.54E-02	4.85E-06	1.41E-06	2.11E-04	6.67E-08	1.94E-08	1.54E-02	4.86E-06	1.41E-06	2.44E-04	7.69E-08	2.24E-08	1.61E-02	5.07E-06	1.48E-06	1.13E-04	3.55E-08	1.03E-08
668	490386.72, 3860085.12	1.50E-02	4.73E-06	1.38E-06	2.10E-04	6.62E-08	1.92E-08	1.50E-02	4.74E-06	1.38E-06	2.42E-04	7.64E-08	2.22E-08	1.57E-02	4.95E-06	1.44E-06	1.12E-04	3.52E-08	1.03E-08
669	490436.72, 3860085.12	1.46E-02	4.62E-06	1.34E-06	2.08E-04	6.56E-08	1.91E-08	1.47E-02	4.63E-06	1.35E-06	2.40E-04	7.57E-08	2.20E-08	1.53E-02	4.84E-06	1.41E-06	1.11E-04	3.49E-08	1.02E-08
670	490486.72, 3860085.12	1.43E-02	4.52E-06	1.31E-06	2.06E-04	6.50E-08	1.89E-08	1.43E-02	4.53E-06	1.32E-06	2.38E-04	7.51E-08	2.18E-08	1.50E-02	4.73E-06	1.37E-06	1.10E-04	3.46E-08	1.01E-08
671	490536.72, 3860085.12	1.40E-02	4.41E-06	1.28E-06	2.04E-04	6.45E-08	1.88E-08	1.40E-02	4.43E-06	1.29E-06	2.36E-04	7.45E-08	2.17E-08	1.46E-02	4.62E-06	1.34E-06	1.09E-04	3.44E-08	9.99E-09
672	490586.72, 3860085.12	1.37E-02	4.32E-06	1.26E-06	2.03E-04	6.41E-08	1.86E-08	1.37E-02	4.33E-06	1.26E-06	2.34E-04	7.39E-08	2.15E-08	1.43E-02	4.51E-06	1.31E-06	1.08E-04	3.41E-08	9.92E-09
673	490636.72, 3860085.12	1.34E-02	4.22E-06	1.23E-06	2.01E-04	6.35E-08	1.85E-08	1.34E-02	4.23E-06	1.23E-06	2.32E-04	7.33E-08	2.13E-08	1.40E-02	4.41E-06	1.28E-06	1.07E-04	3.38E-08	9.83E-09
674	490686.72, 3860085.12	1.31E-02	4.13E-06	1.20E-06	2.00E-04	6.31E-08	1.84E-08	1.31E-02	4.14E-06	1.20E-06	2.31E-04	7.29E-08	2.12E-08	1.37E-02	4.32E-06	1.26E-06	1.06E-04	3.36E-08	9.77E-09
675	490736.72, 3860085.12	1.28E-02	4.04E-06	1.18E-06	1.99E-04	6.28E-08	1.83E-08	1.28E-02	4.05E-06	1.18E-06	2.30E-04	7.25E-08	2.11E-08	1.34E-02	4.22E-06	1.23E-06	1.06E-04	3.34E-08	9.71E-09
676	490786.72, 3860085.12	1.25E-02	3.95E-06	1.15E-06	1.98E-04	6.25E-08	1.82E-08	1.26E-02	3.97E-06	1.15E-06	2.29E-04	7.21E-08	2.10E-08	1.31E-02	4.13E-06	1.20E-06	1.05E-04	3.32E-08	9.66E-09
677	490836.72, 3860085.12	1.23E-02	3.87E-06	1.13E-06	1.97E-04	6.21E-08	1.81E-08	1.23E-02	3.88E-06	1.13E-06	2.27E-04	7.17E-08	2.09E-08	1.28E-02	4.05E-06	1.18E-06	1.05E-04	3.30E-08	9.60E-09
678	490086.72, 3860135.12	1.74E-02	5.48E-06	1.59E-06	2.11E-04	6.64E-08	1.93E-08	1.74E-02	5.49E-06	1.60E-06	2.43E-04	7.67E-08	2.23E-08	1.82E-02	5.74E-06	1.67E-06	1.12E-04	3.55E-08	1.03E-08
679	490136.72, 3860135.12	1.69E-02	5.33E-06	1.55E-06	2.11E-04	6.65E-08	1.93E-08	1.69E-02	5.34E-06	1.55E-06	2.43E-04	7.67E-08	2.23E-08	1.77E-02	5.58E-06	1.62E-06	1.12E-04	3.54E-08	1.03E-08
680	490186.72, 3860135.12	1.64E-02	5.19E-06	1.51E-06	2.10E-04	6.64E-08	1.93E-08	1.65E-02	5.20E-06	1.51E-06	2.43E-04	7.66E-08	2.23E-08	1.72E-02	5.43E-06	1.58E-06	1.12E-04	3.54E-08	1.03E-08
681	490236.72, 3860135.12	1.60E-02	5.05E-06	1.47E-06	2.10E-04	6.62E-08	1.92E-08	1.60E-02	5.07E-06	1.47E-06	2.42E-04	7.64E-08	2.22E-08	1.68E-02	5.29E-06	1.54E-06	1.12E-04	3.53E-08	1.03E-08
682	490286.72, 3860135.12	1.56E-02	4.93E-06	1.43E-06	2.09E-04	6.59E-08	1.92E-08	1.56E-02	4.94E-06	1.44E-06	2.41E-04	7.61E-08	2.21E-08	1.63E-02	5.16E-06	1.50E-06	1.11E-04	3.51E-08	1.02E-08
683	490336.72, 3860135.12	1.52E-02	4.80E-06	1.40E-06	2.08E-04	6.56E-08	1.91E-08	1.53E-02	4.81E-06	1.40E-06	2.40E-04	7.57E-08	2.20E-08	1.59E-02	5.03E-06	1.46E-06	1.11E-04	3.49E-08	1.02E-08
684	490386.72, 3860135.12	1.49E-02	4.69E-06	1.36E-06	2.06E-04	6.51E-08	1.89E-08	1.49E-02	4.70E-06	1.37E-06	2.38E-04	7.52E-08	2.19E-08	1.55E-02	4.91E-06	1.43E-06	1.10E-04	3.47E-08	1.01E-08
685	490436.72, 3860135.12	1.45E-02	4.58E-06	1.33E-06	2.05E-04	6.46E-08	1.88E-08	1.45E-02	4.59E-06	1.33E-06	2.36E-04	7.46E-08	2.17E-08	1.52E-02	4.79E-06	1.39E-06	1.09E-04	3.44E-08	1.00E-08
686	490486.72, 3860135.12	1.42E-02	4.47E-06	1.30E-06	2.03E-04	6.41E-08	1.86E-08	1.42E-02	4.48E-06	1.30E-06	2.34E-04	7.40E-08	2.15E-08	1.48E-02	4.67E-06	1.36E-06	1.08E-04	3.41E-08	9.92E-09
687	490536.72, 3860135.12	1.38E-02	4.36E-06	1.27E-06	2.02E-04	6.36E-08	1.85E-08	1.39E-02	4.37E-06	1.27E-06	2.33E-04	7.34E-08	2.14E-08	1.45E-02	4.56E-06	1.33E-06	1.07E-04	3.38E-08	9.85E-09
688	490586.72, 3860135.12	1.35E-02	4.26E-06	1.24E-06	2.00E-04	6.31E-08	1.84E-08	1.35E-02	4.27E-06	1.24E-06	2.31E-04	7.29E-08	2.12E-08	1.41E-02	4.46E-06	1.30E-06	1.06E-04	3.36E-08	9.76E-09
689	490636.72, 3860135.12	1.32E-02	4.17E-06	1.21E-06	1.98E-04	6.26E-08	1.82E-08	1.32E-02	4.18E-06	1.22E-06	2.29E-04	7.23E-08	2.10E-08	1.38E-02	4.36E-06	1.27E-06	1.05E-04	3.33E-08	9.68E-09
690	490686.72, 3860135.12	1.29E-02	4.08E-06	1.19E-06	1.97E-04	6.21E-08	1.81E-08	1.29E-02	4.09E-06	1.19E-06	2.27E-04	7.17E-08	2.08E-08	1.35E-02	4.26E-06	1.24E-06	1.05E-04	3.30E-08	9.60E-09
691	490736.72, 3860135.12	1.26E-02	3.99E-06	1.16E-06	1.95E-04	6.17E-08	1.79E-08	1.27E-02	4.00E-06	1.16E-06	2.26E-04	7.12E-08	2.07E-08	1.32E-02	4.17E-06	1.21E-06	1.04E-04	3.28E-08	9.53E-09
692	490786.72, 3860135.12	1.24E-02	3.90E-06	1.14E-06	1.94E-04	6.13E-08	1.78E-08	1.24E-02	3.91E-06	1.14E-06	2.24E-04	7.08E-08	2.06E-08	1.29E-02	4.08E-06	1.19E-06	1.03E-04	3.26E-08	9.48E-09
693	490836.72, 3860135.12	1.21E-02	3.82E-06	1.11E-06	1.93E-04	6.09E-08	1.77E-08	1.21E-02	3.83E-06	1.11E-06	2.23E-04	7.03E-08	2.05E-08	1.27E-02	3.99E-06	1.16E-06	1.03E-04	3.24E-08	9.41E-09
694	490086.72, 3860185.12	1.73E-02	5.46E-06	1.59E-06	2.05E-04	6.47E-08	1.88E-08	1.73E-02	5.47E-06	1.59E-06	2.37E-04	7.47E-08	2.17E-08	1.81E-02	5.72E-06	1.66E-06	1.09E-04	3.45E-08	1.00E-08
695	490136.72, 3860185.12	1.68E-02	5.30E-06	1.54E-06	2.06E-04	6.49E-08	1.89E-08	1.68E-02	5.31E-06	1.54E-06	2.37E-04	7.49E-08	2.18E-08	1.76E-02	5.55E-06	1.61E-06	1.10E-04	3.46E-08	1.01E-08
696	490186.72, 3860185.12	1.63E-02	5.15E-06	1.50E-06	2.06E-04	6.49E-08	1.89E-08	1.63E-02	5.16E-06	1.50E-06	2.37E-04	7.49E-08	2.18E-08	1.71E-02	5.39E-06	1.57E-06	1.10E-04	3.46E-08	1.01E-08
697	490236.72, 3860185.12	1.59E-02	5.01E-06	1.46E-06	2.05E-04	6.48E-08	1.89E-08	1.59E-02	5.02E-06	1.46E-06	2.37E-04	7.48E-08	2.18E-08	1.66E-02	5.24E-06	1.53E-06	1.09E-04	3.45E-08	1.00E-08
698	490286.72, 3860185.12	1.54E-02	4.88E-06	1.42E-06	2.05E-04	6.46E-08	1.88E-08	1.55E-02	4.89E-06	1.42E-06	2.36E-04	7.46E-08	2.17E-08	1.62E-02	5.10E-06	1.48E-06	1.09E-04	3.44E-08	1.00E-08
699	490336.72, 3860185.12	1.50E-02	4.75E-06	1.38E-06	2.04E-04	6.43E-08	1.87E-08	1.51E-02	4.76E-06	1.38E-06	2.35E-04	7.43E-08	2.16E-08	1.58E-02	4.97E-06	1.45E-06	1.08E-04	3.42E-08	9.96E-09
700	490386.72, 3860185.12	1.47E-02	4.63E-06	1.35E-06	2.03E-04	6.40E-08	1.86E-08	1.47E-02	4.64E-06	1.35E-06	2.34E-04	7.39E-08	2.15E-08	1.54E-02	4.85E-06	1.41E-06	1.08E-04	3.40E-08	9.90E-09
701	490436.72, 3860185.12	1.43E-02	4.52E-06	1.31E-06	2.02E-04	6.36E-08	1.85E-08	1.43E-02	4.53E-06	1.32E-06	2.33E-04	7.34E-08	2.14E-08	1.50E-02	4.73E-06	1.37E-06	1.07E-04	3.38E-08	9.84E-09
702	490486.72, 3860185.12	1.40E-02	4.41E-06	1.28E-06	2.00E-04	6.31E-08	1.84E-08	1.40E-02	4.42E-06	1.28E-06	2.31E-04	7.29E-08	2.12E-08	1.46E-02	4.61E-06	1.34E-06	1.06E-04	3.36E-08	9.76E-09
703	490536.72, 3860185.12	1.36E-02	4.30E-06	1.25E-06	1.99E-04	6.27E-08	1.82E-08	1.37E-02	4.31E-06	1.25E-06	2.29E-04	7.23E-08	2.10E-08	1.43E-02	4.50E-06	1.31E-06	1.06E-04	3.33E-08	9.69E-09
704	490586.72, 3860185.12	1.33E-02	4.20E-06	1.22E-06	1.97E-04	6.22E-08	1.81E-08	1.33E-02	4.21E-06	1.22E-06	2.28E-04	7.19E-08	2.09E-08	1.39E-02	4.39E-06	1.28E-06	1.05E-04	3.31E-08	9.62E-09
705	490636.72, 3860185.12	1.30E-02	4.10E-06	1.19E-06	1.96E-04	6.17E-08	1.79E-08	1.30E-02	4.11E-06	1.20E-06	2.26E-04	7.12E-08	2.07E-08	1.36E-02	4.29E-06	1.25E-06	1.04E-04	3.28E-08	9.54E-09
706	490686.72, 3860185.12	1.27E-02	4.01E-06	1.17E-06	1.94E-04	6.12E-08	1.78E-08	1.27E-02	4.02E-06	1.17E-06	2.24E-04	7.07E-08	2.06E-08	1.33E-02	4.19E-06	1.22E-06	1.03E-04	3.25E-08	9.46E-09
707	490736.72, 3860185.12	1.24E-02	3.92E-06	1.14E-06	1.92E-04	6.07E-08	1.77E-08	1.25E-02	3.93E-06	1.14E-06	2.22E-04	7.01E-08	2.04E-08	1.30E-02	4.10E-06	1.19E-06	1.02E-04	3.22E-08	9.38E-09
708	490786.72, 3860185.12	1.22E-02	3.84E-06	1.12E-06	1.91E-04	6.03E-08	1.75E-08	1.22E-02	3.85E-06	1.12E-06	2.20E-04	6.96E-08	2.02E-08	1.27E-02	4.01E-06	1.17E-06	1.01E-04	3.20E-08	9.31E-09
709	490836.72, 3860185.12	1.19E-02	3.76E-06	1.09E-06	1.90E-04	5.99E-08	1.74E-08	1.19E-02	3.77E-06	1.10E-06	2.19E-04	6.91E-08	2.01E-08	1.24E-02	3.93E-06	1.14E-06	1.01E-04	3.18E-08	9.24E-09
710	490086.72, 3860235.12	1.71E-02	5.41E-06	1.57E-06	2.00E-04	6.31E-08	1.83E-08	1.72E-02	5.42E-06	1.58E-06	2.31E-04	7.28E-08	2.12E-08	1.80E-02	5.67E-06	1.65E-06	1.07E-04	3.36E-08	9.78E-09
711	490136.72, 3860235.12	1.66E-02	5.24E-06	1.53E-06	2.00E-04	6.33E-08	1.84E-08	1.66E-02	5.25E-06	1.53E-06	2.31E-04	7.30E-08	2.12E-08	1.74E-02	5.49E-06	1.60E-06	1.07E-04	3.37E-08	9.80E-09
712	490186.72, 3860235.12	1.61E-02	5.09E-06	1.48E-06	2.01E-04	6.34E-08	1.84E-08	1.62E-02	5.10E-06	1.48E-06	2.32E-04	7.32E-08	2.13E-08	1.69E-02	5.33E-06	1.55E-06	1.07E-04	3.37E-08	9.81E-09
713	490236.72, 3860235.12	1.57E-02	4.94E-06	1.44E-06	2.01E-04	6.34E-08	1.84E-08	1.57E-02	4.95E-06	1.44E-06	2.32E-04	7.32E-08	2.13E-08	1.64E-02	5.18E-06	1.51E-06	1.07E-04	3.37E-08	9.81E-09
714	490286.72, 3860235.12	1.52E-02	4.81E-06	1.40E-06	2.01E-04	6.33E-08	1.84E-08	1.53E-02	4.82E-06	1.40E-06	2.31E-04	7.30E-08	2.12E-08	1.59E-02	5.03E-06	1.46E-06	1.07E-04	3.37E-08	9.79E-09
715	490336.72, 3860235.12	1.48E-02	4.68E-06	1.36E-06	2.00E-04	6.31E-08	1.84E-08	1.49E-02	4.69E-06	1.36E-06	2.31E-04	7.29E-08	2.12E-08	1.55E-02	4.90E-06	1.42E-06	1.06E-04	3.36E-08	9.76E-09
716	490386.72, 3860235.12	1.44E-02	4.56E-06	1.33E-06	1.99E-04	6.29E-08	1.83E-08	1.45E-02	4.57E-06	1.33E-06	2.30E-04	7.26E-08	2.11E-08	1.51E-02	4.77E-06	1.39E-06	1.06E-04	3.34E-08	9.72E-09
717	490436.72, 3860235.12	1.41E-02	4.44E-06	1.29E-06	1.98E-04	6.26E-08	1.82E-08	1.41E-02	4.45E-06	1.29E-06	2.29E-04	7.22E-08	2.10E-08	1.47E-02	4.65E-06	1.35E-06	1.05E-04	3.32E-08	9.67E-09
718	490486.72, 3860235.12	1.37E-02	4.33E-06	1.26E-06	1.97E-04	6.22E-08	1.81E-08	1.38E-02	4.34E-06	1.26E-06	2.27E-04	7.18E-08	2.09E-08	1.44E-02	4.53E-06	1.32E-06	1.05E-04	3.30E-08	9.61E-09
719	490536.72, 3860235.12	1.34E-02	4.22E-06	1.23E-06	1.96E-04	6.18E-08	1.80E-08	1.34E-02	4.23E-06	1.23E-06	2.26E-04	7.13E-08	2.07E-08	1.40E-02	4.42E-06	1.29E-06	1.04E-04	3.28E-08	9.54E-09
720	490586.72, 3860235.12	1.31E-02	4.12E-06	1.20E-06	1.94E-04	6.13E-08	1.78E-08	1.31E-02	4.13E-06	1.20E-06	2.24E-04	7.08E-08	2.06E-08	1.37E-02	4.31E-06	1.25E-06	1.03E-04	3.26E-08	9.47E-09
721	490636.72, 3860235.12	1.28E-02	4.03E-06	1.17E-06	1.93E-04	6.09E-08	1.77E-08	1.28E-02	4.04E-06	1.17E-06	2.23E-04	7.03E-08	2.04E-08	1.33E-02	4.21E-06	1.23E-06	1.02E-04	3.23E-08	9.40E-09
722	490686.72, 3860235.12	1.25E-02	3.94E-06	1.14E-06	1.91E-04	6.04E-08	1.76E-08	1.25E-02	3.95E-06	1.15E-06	2.21E-04	6.97E-08	2.03E-08	1.30E-02	4.12E-06	1.20E-06	1.02E-04	3.21E-08	9.32E-09

723	490736.72, 3860235.12	1.22E-02	3.85E-06	1.12E-06	1.90E-04	5.99E-08	1.74E-08	1.22E-02	3.86E-06	1.12E-06	2.19E-04	6.91E-08	2.01E-08	1.27E-02	4.02E-06	1.17E-06	1.01E-04	3.18E-08	9.24E-09
724	490786.72, 3860235.12	1.19E-02	3.76E-06	1.09E-06	1.88E-04	5.94E-08	1.73E-08	1.20E-02	3.77E-06	1.10E-06	2.17E-04	6.86E-08	1.99E-08	1.25E-02	3.93E-06	1.14E-06	9.99E-05	3.15E-08	9.17E-09
725	490086.72, 3860285.12	1.69E-02	5.33E-06	1.55E-06	1.94E-04	6.14E-08	1.79E-08	1.69E-02	5.34E-06	1.55E-06	2.24E-04	7.08E-08	2.06E-08	1.77E-02	5.59E-06	1.63E-06	1.04E-04	3.27E-08	9.51E-09
726	490136.72, 3860285.12	1.64E-02	5.16E-06	1.50E-06	1.95E-04	6.16E-08	1.79E-08	1.64E-02	5.17E-06	1.50E-06	2.25E-04	7.11E-08	2.07E-08	1.71E-02	5.41E-06	1.57E-06	1.04E-04	3.28E-08	9.54E-09
727	490186.72, 3860285.12	1.59E-02	5.00E-06	1.46E-06	1.96E-04	6.18E-08	1.80E-08	1.59E-02	5.01E-06	1.46E-06	2.26E-04	7.13E-08	2.07E-08	1.66E-02	5.24E-06	1.52E-06	1.04E-04	3.29E-08	9.56E-09
728	490236.72, 3860285.12	1.54E-02	4.86E-06	1.41E-06	1.96E-04	6.19E-08	1.80E-08	1.54E-02	4.87E-06	1.42E-06	2.26E-04	7.15E-08	2.08E-08	1.61E-02	5.09E-06	1.48E-06	1.04E-04	3.29E-08	9.58E-09
729	490286.72, 3860285.12	1.49E-02	4.72E-06	1.37E-06	1.96E-04	6.19E-08	1.80E-08	1.50E-02	4.73E-06	1.38E-06	2.26E-04	7.15E-08	2.08E-08	1.57E-02	4.94E-06	1.44E-06	1.04E-04	3.29E-08	9.57E-09
730	490336.72, 3860285.12	1.45E-02	4.59E-06	1.33E-06	1.96E-04	6.18E-08	1.80E-08	1.46E-02	4.60E-06	1.34E-06	2.26E-04	7.14E-08	2.08E-08	1.52E-02	4.80E-06	1.40E-06	1.04E-04	3.28E-08	9.55E-09
731	490386.72, 3860285.12	1.41E-02	4.47E-06	1.30E-06	1.95E-04	6.17E-08	1.79E-08	1.42E-02	4.48E-06	1.30E-06	2.26E-04	7.12E-08	2.07E-08	1.48E-02	4.67E-06	1.36E-06	1.04E-04	3.28E-08	9.53E-09
732	490436.72, 3860285.12	1.38E-02	4.35E-06	1.27E-06	1.95E-04	6.15E-08	1.79E-08	1.38E-02	4.36E-06	1.27E-06	2.25E-04	7.10E-08	2.06E-08	1.44E-02	4.55E-06	1.32E-06	1.03E-04	3.26E-08	9.49E-09
733	490486.72, 3860285.12	1.34E-02	4.24E-06	1.23E-06	1.94E-04	6.12E-08	1.78E-08	1.35E-02	4.25E-06	1.24E-06	2.24E-04	7.06E-08	2.05E-08	1.41E-02	4.44E-06	1.29E-06	1.03E-04	3.25E-08	9.44E-09
734	490536.72, 3860285.12	1.31E-02	4.13E-06	1.20E-06	1.93E-04	6.08E-08	1.77E-08	1.31E-02	4.14E-06	1.21E-06	2.22E-04	7.02E-08	2.04E-08	1.37E-02	4.32E-06	1.26E-06	1.02E-04	3.23E-08	9.38E-09
735	490586.72, 3860285.12	1.28E-02	4.03E-06	1.17E-06	1.91E-04	6.04E-08	1.76E-08	1.28E-02	4.04E-06	1.18E-06	2.21E-04	6.97E-08	2.03E-08	1.34E-02	4.22E-06	1.23E-06	1.01E-04	3.20E-08	9.32E-09
736	490636.72, 3860285.12	1.25E-02	3.94E-06	1.15E-06	1.90E-04	6.00E-08	1.74E-08	1.25E-02	3.95E-06	1.15E-06	2.19E-04	6.92E-08	2.01E-08	1.30E-02	4.12E-06	1.20E-06	1.01E-04	3.18E-08	9.25E-09
737	490686.72, 3860285.12	1.22E-02	3.85E-06	1.12E-06	1.89E-04	5.95E-08	1.73E-08	1.22E-02	3.86E-06	1.12E-06	2.18E-04	6.87E-08	2.00E-08	1.27E-02	4.02E-06	1.17E-06	1.00E-04	3.16E-08	9.19E-09
738	490736.72, 3860285.12	1.19E-02	3.76E-06	1.09E-06	1.87E-04	5.91E-08	1.72E-08	1.19E-02	3.77E-06	1.10E-06	2.16E-04	6.82E-08	1.98E-08	1.25E-02	3.93E-06	1.14E-06	9.93E-05	3.13E-08	9.11E-09
739	490786.72, 3860285.12	1.17E-02	3.68E-06	1.07E-06	1.86E-04	5.86E-08	1.70E-08	1.17E-02	3.69E-06	1.07E-06	2.14E-04	6.77E-08	1.97E-08	1.22E-02	3.85E-06	1.12E-06	9.85E-05	3.11E-08	9.04E-09
740	490086.72, 3860335.12	1.65E-02	5.22E-06	1.52E-06	1.89E-04	5.97E-08	1.74E-08	1.66E-02	5.23E-06	1.52E-06	2.18E-04	6.89E-08	2.00E-08	1.73E-02	5.48E-06	1.59E-06	1.01E-04	3.18E-08	9.24E-09
741	490136.72, 3860335.12	1.60E-02	5.05E-06	1.47E-06	1.90E-04	6.00E-08	1.75E-08	1.60E-02	5.06E-06	1.47E-06	2.19E-04	6.93E-08	2.01E-08	1.68E-02	5.29E-06	1.54E-06	1.01E-04	3.19E-08	9.28E-09
742	490186.72, 3860335.12	1.55E-02	4.89E-06	1.42E-06	1.91E-04	6.02E-08	1.75E-08	1.55E-02	4.90E-06	1.43E-06	2.20E-04	6.95E-08	2.02E-08	1.62E-02	5.13E-06	1.49E-06	1.01E-04	3.20E-08	9.31E-09
743	490236.72, 3860335.12	1.50E-02	4.74E-06	1.38E-06	1.91E-04	6.04E-08	1.76E-08	1.51E-02	4.75E-06	1.38E-06	2.21E-04	6.98E-08	2.03E-08	1.57E-02	4.97E-06	1.45E-06	1.02E-04	3.21E-08	9.34E-09
744	490286.72, 3860335.12	1.46E-02	4.61E-06	1.34E-06	1.92E-04	6.05E-08	1.76E-08	1.46E-02	4.62E-06	1.34E-06	2.21E-04	6.98E-08	2.03E-08	1.53E-02	4.82E-06	1.40E-06	1.02E-04	3.21E-08	9.34E-09
745	490336.72, 3860335.12	1.42E-02	4.48E-06	1.30E-06	1.92E-04	6.05E-08	1.76E-08	1.42E-02	4.49E-06	1.31E-06	2.21E-04	6.98E-08	2.03E-08	1.49E-02	4.69E-06	1.36E-06	1.02E-04	3.21E-08	9.34E-09
746	490386.72, 3860335.12	1.38E-02	4.36E-06	1.27E-06	1.91E-04	6.04E-08	1.76E-08	1.38E-02	4.37E-06	1.27E-06	2.21E-04	6.98E-08	2.03E-08	1.44E-02	4.56E-06	1.33E-06	1.02E-04	3.21E-08	9.33E-09
747	490436.72, 3860335.12	1.34E-02	4.24E-06	1.23E-06	1.91E-04	6.03E-08	1.75E-08	1.35E-02	4.25E-06	1.24E-06	2.21E-04	6.96E-08	2.02E-08	1.41E-02	4.44E-06	1.29E-06	1.01E-04	3.20E-08	9.30E-09
748	490486.72, 3860335.12	1.31E-02	4.13E-06	1.20E-06	1.90E-04	6.01E-08	1.75E-08	1.31E-02	4.14E-06	1.21E-06	2.20E-04	6.94E-08	2.02E-08	1.37E-02	4.32E-06	1.26E-06	1.01E-04	3.19E-08	9.27E-09
749	490536.72, 3860335.12	1.28E-02	4.03E-06	1.17E-06	1.90E-04	5.98E-08	1.74E-08	1.28E-02	4.04E-06	1.18E-06	2.19E-04	6.91E-08	2.01E-08	1.34E-02	4.22E-06	1.23E-06	1.00E-04	3.17E-08	9.23E-09
750	490586.72, 3860335.12	1.25E-02	3.93E-06	1.14E-06	1.88E-04	5.95E-08	1.73E-08	1.25E-02	3.94E-06	1.15E-06	2.18E-04	6.87E-08	2.00E-08	1.30E-02	4.11E-06	1.20E-06	9.99E-05	3.15E-08	9.17E-09
751	490636.72, 3860335.12	1.22E-02	3.84E-06	1.12E-06	1.87E-04	5.91E-08	1.72E-08	1.22E-02	3.85E-06	1.12E-06	2.16E-04	6.82E-08	1.98E-08	1.27E-02	4.01E-06	1.17E-06	9.93E-05	3.13E-08	9.11E-09
752	490686.72, 3860335.12	1.19E-02	3.75E-06	1.09E-06	1.86E-04	5.87E-08	1.71E-08	1.19E-02	3.76E-06	1.09E-06	2.15E-04	6.78E-08	1.97E-08	1.24E-02	3.92E-06	1.14E-06	9.86E-05	3.11E-08	9.05E-09
753	490736.72, 3860335.12	1.16E-02	3.67E-06	1.07E-06	1.85E-04	5.83E-08	1.69E-08	1.16E-02	3.68E-06	1.07E-06	2.13E-04	6.73E-08	1.96E-08	1.21E-02	3.83E-06	1.11E-06	9.78E-05	3.09E-08	8.98E-09
754	490786.72, 3860335.12	1.14E-02	3.59E-06	1.04E-06	1.83E-04	5.79E-08	1.68E-08	1.14E-02	3.60E-06	1.05E-06	2.12E-04	6.68E-08	1.94E-08	1.19E-02	3.75E-06	1.09E-06	9.72E-05	3.07E-08	8.92E-09
755	490086.72, 3860385.12	1.61E-02	5.08E-06	1.48E-06	1.84E-04	5.80E-08	1.69E-08	1.61E-02	5.09E-06	1.48E-06	2.12E-04	6.70E-08	1.95E-08	1.69E-02	5.32E-06	1.55E-06	9.78E-05	3.09E-08	8.98E-09
756	490136.72, 3860385.12	1.55E-02	4.91E-06	1.43E-06	1.85E-04	5.84E-08	1.70E-08	1.56E-02	4.92E-06	1.43E-06	2.14E-04	6.74E-08	1.96E-08	1.63E-02	5.14E-06	1.50E-06	9.83E-05	3.10E-08	9.02E-09
757	490186.72, 3860385.12	1.51E-02	4.75E-06	1.38E-06	1.86E-04	5.86E-08	1.70E-08	1.51E-02	4.76E-06	1.38E-06	2.14E-04	6.77E-08	1.97E-08	1.58E-02	4.98E-06	1.45E-06	9.86E-05	3.11E-08	9.05E-09
758	490236.72, 3860385.12	1.46E-02	4.61E-06	1.34E-06	1.86E-04	5.89E-08	1.71E-08	1.46E-02	4.62E-06	1.34E-06	2.15E-04	6.80E-08	1.98E-08	1.53E-02	4.82E-06	1.40E-06	9.90E-05	3.12E-08	9.09E-09
759	490286.72, 3860385.12	1.42E-02	4.47E-06	1.30E-06	1.87E-04	5.90E-08	1.72E-08	1.42E-02	4.48E-06	1.30E-06	2.16E-04	6.81E-08	1.98E-08	1.48E-02	4.68E-06	1.36E-06	9.92E-05	3.13E-08	9.11E-09
760	490336.72, 3860385.12	1.38E-02	4.35E-06	1.26E-06	1.87E-04	5.91E-08	1.72E-08	1.38E-02	4.36E-06	1.27E-06	2.16E-04	6.82E-08	1.98E-08	1.44E-02	4.55E-06	1.32E-06	9.93E-05	3.13E-08	9.12E-09
761	490386.72, 3860385.12	1.34E-02	4.23E-06	1.23E-06	1.87E-04	5.91E-08	1.72E-08	1.34E-02	4.24E-06	1.23E-06	2.16E-04	6.82E-08	1.99E-08	1.40E-02	4.43E-06	1.29E-06	9.93E-05	3.13E-08	9.11E-09
762	490436.72, 3860385.12	1.30E-02	4.12E-06	1.20E-06	1.87E-04	5.91E-08	1.72E-08	1.31E-02	4.13E-06	1.20E-06	2.16E-04	6.82E-08	1.98E-08	1.36E-02	4.31E-06	1.25E-06	9.92E-05	3.13E-08	9.11E-09
763	490486.72, 3860385.12	1.27E-02	4.01E-06	1.17E-06	1.87E-04	5.90E-08	1.71E-08	1.27E-02	4.02E-06	1.17E-06	2.16E-04	6.81E-08	1.98E-08	1.33E-02	4.20E-06	1.22E-06	9.90E-05	3.12E-08	9.09E-09
764	490536.72, 3860385.12	1.24E-02	3.91E-06	1.14E-06	1.86E-04	5.88E-08	1.71E-08	1.24E-02	3.92E-06	1.14E-06	2.15E-04	6.79E-08	1.97E-08	1.30E-02	4.09E-06	1.19E-06	9.87E-05	3.11E-08	9.06E-09
765	490586.72, 3860385.12	1.21E-02	3.82E-06	1.11E-06	1.85E-04	5.85E-08	1.70E-08	1.21E-02	3.83E-06	1.11E-06	2.14E-04	6.76E-08	1.97E-08	1.27E-02	3.99E-06	1.16E-06	9.82E-05	3.10E-08	9.02E-09
766	490636.72, 3860385.12	1.18E-02	3.73E-06	1.08E-06	1.84E-04	5.82E-08	1.69E-08	1.18E-02	3.74E-06	1.09E-06	2.13E-04	6.72E-08	1.96E-08	1.23E-02	3.90E-06	1.13E-06	9.77E-05	3.08E-08	8.97E-09
767	490686.72, 3860385.12	1.15E-02	3.64E-06	1.06E-06	1.83E-04	5.79E-08	1.68E-08	1.16E-02	3.65E-06	1.06E-06	2.12E-04	6.68E-08	1.94E-08	1.21E-02	3.81E-06	1.11E-06	9.71E-05	3.07E-08	8.92E-09
768	490736.72, 3860385.12	1.13E-02	3.56E-06	1.04E-06	1.82E-04	5.75E-08	1.67E-08	1.13E-02	3.57E-06	1.04E-06	2.10E-04	6.64E-08	1.93E-08	1.18E-02	3.72E-06	1.08E-06	9.64E-05	3.04E-08	8.85E-09
769	490786.72, 3860385.12	1.10E-02	3.48E-06	1.01E-06	1.81E-04	5.70E-08	1.66E-08	1.11E-02	3.49E-06	1.02E-06	2.09E-04	6.59E-08	1.92E-08	1.15E-02	3.64E-06	1.06E-06	9.57E-05	3.02E-08	8.79E-09
770	490136.72, 3860435.12	1.50E-02	4.73E-06	1.38E-06	1.80E-04	5.68E-08	1.65E-08	1.50E-02	4.74E-06	1.38E-06	2.08E-04	6.55E-08	1.91E-08	1.57E-02	4.96E-06	1.44E-06	9.55E-05	3.01E-08	8.76E-09
771	490186.72, 3860435.12	1.45E-02	4.58E-06	1.33E-06	1.81E-04	5.71E-08	1.66E-08	1.46E-02	4.59E-06	1.34E-06	2.09E-04	6.59E-08	1.92E-08	1.52E-02	4.80E-06	1.40E-06	9.59E-05	3.03E-08	8.81E-09
772	490236.72, 3860435.12	1.41E-02	4.45E-06	1.29E-06	1.82E-04	5.73E-08	1.67E-08	1.41E-02	4.45E-06	1.30E-06	2.10E-04	6.62E-08	1.93E-08	1.48E-02	4.66E-06	1.35E-06	9.63E-05	3.04E-08	8.84E-09
773	490286.72, 3860435.12	1.37E-02	4.32E-06	1.26E-06	1.82E-04	5.75E-08	1.67E-08	1.37E-02	4.33E-06	1.26E-06	2.10E-04	6.64E-08	1.93E-08	1.43E-02	4.52E-06	1.31E-06	9.66E-05	3.05E-08	8.87E-09
774	490336.72, 3860435.12	1.33E-02	4.20E-06	1.22E-06	1.83E-04	5.76E-08	1.68E-08	1.33E-02	4.20E-06	1.22E-06	2.11E-04	6.66E-08	1.94E-08	1.39E-02	4.39E-06	1.28E-06	9.68E-05	3.06E-08	8.89E-09
775	490386.72, 3860435.12	1.29E-02	4.08E-06	1.19E-06	1.83E-04	5.77E-08	1.68E-08	1.30E-02	4.09E-06	1.19E-06	2.11E-04	6.67E-08	1.94E-08	1.35E-02	4.27E-06	1.24E-06	9.69E-05	3.06E-08	8.90E-09
776	490436.72, 3860435.12	1.26E-02	3.98E-06	1.16E-06	1.83E-04	5.78E-08	1.68E-08	1.26E-02	3.99E-06	1.16E-06	2.11E-04	6.67E-08	1.94E-08	1.32E-02	4.16E-06	1.21E-06	9.70E-05	3.06E-08	8.90E-09
777	490486.72, 3860435.12	1.23E-02	3.88E-06	1.13E-06	1.83E-04	5.77E-08	1.68E-08	1.23E-02	3.89E-06	1.13E-06	2.11E-04	6.67E-08	1.94E-08	1.28E-02	4.05E-06	1.18E-06	9.69E-05	3.06E-08	8.90E-09
778	490536.72, 3860435.12	1.20E-02	3.78E-06	1.10E-06	1.83E-04	5.77E-08	1.68E-08	1.20E-02	3.79E-06	1.10E-06	2.11E-04	6.66E-08	1.94E-08	1.25E-02	3.96E-06	1.15E-06	9.67E-05	3.05E-08	8.88E-09
779	490586.72, 3860435.12	1.17E-02	3.69E-06	1.07E-06	1.82E-04	5.75E-08	1.67E-08	1.17E-02	3.70E-06	1.08E-06	2.10E-04	6.64E-08	1.93E-08	1.22E-02	3.86E-06	1.12E-06	9.64E-05	3.04E-08	8.85E-09
780	490636.72, 3860435.12	1.14E-02	3.61E-06	1.05E-06	1.81E-04	5.72E-08	1.66E-08	1.15E-02	3.62E-06	1.05E-06	2.09E-04	6.61E-08	1.92E-08	1.19E-02	3.77E-06	1.10E-06	9.60E-05	3.03E-08	8.81E-09
781	490686.72, 3860435.12	1.12E-02	3.53E-06	1.03E-06	1.80E-04	5.70E-08	1.66E-08	1.12E-02	3.54E-06	1.03E-06	2.08E-04	6.58E-08	1.91E-08	1.17E-02	3.69E-06	1.07E-06	9.55E-05	3.02E-08	8.77E-09
782	490736.72, 3860435.12	1.09E-02	3.45E-06	1.00E-06	1.80E-04	5.67E-08	1.65E-08	1.10E-02	3.46E-06	1.01E-06	2.07E-04	6.55E-08	1.90E-08	1.14E-02	3.61E-06	1.05E-06	9.50E-05	3.00E-08	8.72E-09
783	490786.72, 3860435.12	1.07E-02	3.38E-06	9.82E-07	1.78E-04	5.63E-08	1.64E-08	1.07E-02	3.39E-06	9.85E-07	2.06E-04	6.50E-08	1.89E-08	1.12E-02	3.53E-06	1.03E-06	9.44E-05	2.98E-08	8.66E-09
784	490136.72, 3860485.12	1.44E-02	4.53E-06	1.32E-06	1.75E-04	5.53E-08	1.61E-08	1.44E-02	4.54E-06	1.32E-06	2.02E-04	6.38E-08	1.86E-08	1.51E-02	4.75E-06	1.38E-06	9.29E-05	2.93E-08	8.53E-09
785	490186.72, 3860485.12	1.39E-02	4.39E-06	1.28E-06	1.76E-04	5.55E-08	1.62E-08	1.40E-02	4.40E-06	1.28E-06	2.03E-04	6.41E-08	1.87E-08	1.46E-02	4.60E-06	1.34E-06	9.33E-05	2.94E-08	8.57E-09
786	490236.72, 3860485.12	1.35E-02	4.26E-06	1.24E-06	1.77E-04	5.58E-08	1.62E-08	1.35E-02	4.27E-06	1.24E-06	2.04E-04	6.44E-08	1.87E-08	1.41E-02	4.47E-06	1.30E-06	9.37E-05	2.96E-08	8.60E-09
787	490286.72, 3860485.12	1.31E-02	4.14E-06	1.21E-06	1.78E-04	5.60E-08	1.63E-08	1.32E-02	4.15E-06	1.21E-06	2.05E-04	6.47E-08	1.88E-08	1.37E-02	4.34E-06	1.26E-06	9.41E-05	2.97E-08	8.64E-09
788	490336.72, 3860485.12	1.28E-02	4.03E-06	1.17E-06	1.78E-04	5.62E-08	1.64E-08	1.28E-02	4.04E-06	1.17E-06	2.06E-04	6.49E-08	1.89E-08	1.34E-02	4.22E-06	1.23E-06	9.43E-05	2.98E-08	8.66E-09

789	490386.72, 3860485.12	1.24E-02	3.92E-06	1.14E-06	1.79E-04	5.64E-08	1.64E-08	1.25E-02	3.93E-06	1.14E-06	2.06E-04	6.51E-08	1.89E-08	1.30E-02	4.11E-06	1.19E-06	9.46E-05	2.99E-08	8.68E-09
790	490436.72, 3860485.12	1.21E-02	3.83E-06	1.11E-06	1.79E-04	5.65E-08	1.64E-08	1.22E-02	3.84E-06	1.12E-06	2.07E-04	6.53E-08	1.90E-08	1.27E-02	4.00E-06	1.16E-06	9.48E-05	2.99E-08	8.71E-09
791	490486.72, 3860485.12	1.18E-02	3.73E-06	1.09E-06	1.79E-04	5.66E-08	1.64E-08	1.19E-02	3.74E-06	1.09E-06	2.07E-04	6.53E-08	1.90E-08	1.24E-02	3.90E-06	1.14E-06	9.48E-05	2.99E-08	8.70E-09
792	490536.72, 3860485.12	1.15E-02	3.64E-06	1.06E-06	1.79E-04	5.65E-08	1.64E-08	1.16E-02	3.65E-06	1.06E-06	2.07E-04	6.53E-08	1.90E-08	1.21E-02	3.81E-06	1.11E-06	9.47E-05	2.99E-08	8.69E-09
793	490586.72, 3860485.12	1.13E-02	3.56E-06	1.03E-06	1.79E-04	5.64E-08	1.64E-08	1.13E-02	3.57E-06	1.04E-06	2.06E-04	6.51E-08	1.89E-08	1.18E-02	3.72E-06	1.08E-06	9.45E-05	2.98E-08	8.68E-09
794	490636.72, 3860485.12	1.10E-02	3.48E-06	1.01E-06	1.78E-04	5.62E-08	1.64E-08	1.10E-02	3.49E-06	1.01E-06	2.06E-04	6.50E-08	1.89E-08	1.15E-02	3.63E-06	1.06E-06	9.43E-05	2.98E-08	8.65E-09
795	490686.72, 3860485.12	1.08E-02	3.40E-06	9.89E-07	1.77E-04	5.60E-08	1.63E-08	1.08E-02	3.41E-06	9.92E-07	2.05E-04	6.47E-08	1.88E-08	1.13E-02	3.55E-06	1.03E-06	9.39E-05	2.96E-08	8.62E-09
796	490736.72, 3860485.12	1.05E-02	3.33E-06	9.68E-07	1.77E-04	5.58E-08	1.62E-08	1.06E-02	3.34E-06	9.71E-07	2.04E-04	6.44E-08	1.87E-08	1.10E-02	3.48E-06	1.01E-06	9.34E-05	2.95E-08	8.58E-09
797	490786.72, 3860485.12	1.03E-02	3.26E-06	9.48E-07	1.76E-04	5.55E-08	1.61E-08	1.04E-02	3.27E-06	9.51E-07	2.03E-04	6.41E-08	1.86E-08	1.08E-02	3.41E-06	9.91E-07	9.29E-05	2.93E-08	8.53E-09
798	490136.72, 3860535.12	1.37E-02	4.31E-06	1.26E-06	1.71E-04	5.38E-08	1.57E-08	1.37E-02	4.32E-06	1.26E-06	1.97E-04	6.22E-08	1.81E-08	1.43E-02	4.52E-06	1.31E-06	9.04E-05	2.85E-08	8.30E-09
799	490186.72, 3860535.12	1.33E-02	4.19E-06	1.22E-06	1.72E-04	5.42E-08	1.58E-08	1.33E-02	4.20E-06	1.22E-06	1.98E-04	6.26E-08	1.82E-08	1.39E-02	4.39E-06	1.28E-06	9.10E-05	2.87E-08	8.35E-09
800	490236.72, 3860535.12	1.29E-02	4.07E-06	1.18E-06	1.72E-04	5.43E-08	1.58E-08	1.29E-02	4.08E-06	1.19E-06	1.99E-04	6.28E-08	1.83E-08	1.35E-02	4.26E-06	1.24E-06	9.12E-05	2.88E-08	8.37E-09
801	490286.72, 3860535.12	1.25E-02	3.96E-06	1.15E-06	1.73E-04	5.46E-08	1.59E-08	1.26E-02	3.97E-06	1.15E-06	2.00E-04	6.30E-08	1.83E-08	1.31E-02	4.14E-06	1.20E-06	9.15E-05	2.89E-08	8.40E-09
802	490336.72, 3860535.12	1.22E-02	3.85E-06	1.12E-06	1.74E-04	5.48E-08	1.59E-08	1.22E-02	3.86E-06	1.12E-06	2.01E-04	6.33E-08	1.84E-08	1.28E-02	4.03E-06	1.17E-06	9.19E-05	2.90E-08	8.44E-09
803	490386.72, 3860535.12	1.19E-02	3.76E-06	1.09E-06	1.74E-04	5.50E-08	1.60E-08	1.19E-02	3.77E-06	1.10E-06	2.01E-04	6.36E-08	1.85E-08	1.25E-02	3.93E-06	1.14E-06	9.23E-05	2.91E-08	8.47E-09
804	490436.72, 3860535.12	1.16E-02	3.67E-06	1.07E-06	1.75E-04	5.52E-08	1.61E-08	1.16E-02	3.68E-06	1.07E-06	2.02E-04	6.38E-08	1.86E-08	1.21E-02	3.83E-06	1.12E-06	9.26E-05	2.92E-08	8.50E-09
805	490486.72, 3860535.12	1.13E-02	3.58E-06	1.04E-06	1.75E-04	5.54E-08	1.61E-08	1.14E-02	3.59E-06	1.04E-06	2.03E-04	6.40E-08	1.86E-08	1.19E-02	3.74E-06	1.09E-06	9.28E-05	2.93E-08	8.52E-09
806	490536.72, 3860535.12	1.11E-02	3.50E-06	1.02E-06	1.76E-04	5.55E-08	1.62E-08	1.11E-02	3.51E-06	1.02E-06	2.03E-04	6.42E-08	1.87E-08	1.16E-02	3.66E-06	1.06E-06	9.31E-05	2.94E-08	8.54E-09
807	490586.72, 3860535.12	1.08E-02	3.42E-06	9.94E-07	1.75E-04	5.53E-08	1.61E-08	1.09E-02	3.43E-06	9.97E-07	2.02E-04	6.39E-08	1.86E-08	1.13E-02	3.57E-06	1.04E-06	9.27E-05	2.92E-08	8.51E-09
808	490636.72, 3860535.12	1.06E-02	3.34E-06	9.72E-07	1.75E-04	5.52E-08	1.61E-08	1.06E-02	3.35E-06	9.75E-07	2.02E-04	6.38E-08	1.86E-08	1.11E-02	3.49E-06	1.02E-06	9.25E-05	2.92E-08	8.49E-09
809	490686.72, 3860535.12	1.04E-02	3.27E-06	9.52E-07	1.74E-04	5.51E-08	1.60E-08	1.04E-02	3.28E-06	9.55E-07	2.02E-04	6.36E-08	1.85E-08	1.08E-02	3.42E-06	9.95E-07	9.22E-05	2.91E-08	8.47E-09
810	490736.72, 3860535.12	1.02E-02	3.21E-06	9.32E-07	1.74E-04	5.48E-08	1.60E-08	1.02E-02	3.21E-06	9.35E-07	2.01E-04	6.34E-08	1.84E-08	1.06E-02	3.35E-06	9.74E-07	9.19E-05	2.90E-08	8.43E-09
811	490786.72, 3860535.12	9.96E-03	3.14E-06	9.14E-07	1.73E-04	5.46E-08	1.59E-08	9.98E-03	3.15E-06	9.17E-07	2.00E-04	6.31E-08	1.84E-08	1.04E-02	3.28E-06	9.55E-07	9.15E-05	2.89E-08	8.40E-09
812	490136.72, 3860585.12	1.29E-02	4.09E-06	1.19E-06	1.66E-04	5.25E-08	1.53E-08	1.30E-02	4.09E-06	1.19E-06	1.92E-04	6.07E-08	1.77E-08	1.36E-02	4.28E-06	1.24E-06	8.81E-05	2.78E-08	8.09E-09
813	490186.72, 3860585.12	1.26E-02	3.96E-06	1.15E-06	1.66E-04	5.25E-08	1.53E-08	1.26E-02	3.97E-06	1.16E-06	1.92E-04	6.06E-08	1.76E-08	1.32E-02	4.15E-06	1.21E-06	8.80E-05	2.78E-08	8.08E-09
814	490236.72, 3860585.12	1.22E-02	3.86E-06	1.12E-06	1.67E-04	5.28E-08	1.54E-08	1.23E-02	3.87E-06	1.13E-06	1.93E-04	6.10E-08	1.78E-08	1.28E-02	4.04E-06	1.18E-06	8.86E-05	2.80E-08	8.13E-09
815	490286.72, 3860585.12	1.19E-02	3.76E-06	1.09E-06	1.68E-04	5.31E-08	1.55E-08	1.20E-02	3.77E-06	1.10E-06	1.95E-04	6.14E-08	1.79E-08	1.25E-02	3.94E-06	1.15E-06	8.91E-05	2.81E-08	8.18E-09
816	490336.72, 3860585.12	1.16E-02	3.67E-06	1.07E-06	1.69E-04	5.34E-08	1.55E-08	1.17E-02	3.68E-06	1.07E-06	1.95E-04	6.17E-08	1.79E-08	1.22E-02	3.84E-06	1.12E-06	8.95E-05	2.82E-08	8.21E-09
817	490386.72, 3860585.12	1.13E-02	3.58E-06	1.04E-06	1.70E-04	5.36E-08	1.56E-08	1.14E-02	3.59E-06	1.04E-06	1.96E-04	6.19E-08	1.80E-08	1.19E-02	3.75E-06	1.09E-06	8.98E-05	2.84E-08	8.25E-09
818	490436.72, 3860585.12	1.11E-02	3.50E-06	1.02E-06	1.71E-04	5.40E-08	1.57E-08	1.11E-02	3.51E-06	1.02E-06	1.98E-04	6.24E-08	1.81E-08	1.16E-02	3.66E-06	1.07E-06	9.04E-05	2.85E-08	8.30E-09
819	490486.72, 3860585.12	1.09E-02	3.43E-06	9.97E-07	1.72E-04	5.43E-08	1.58E-08	1.09E-02	3.44E-06	1.00E-06	1.99E-04	6.27E-08	1.82E-08	1.14E-02	3.58E-06	1.04E-06	9.09E-05	2.87E-08	8.35E-09
820	490536.72, 3860585.12	1.06E-02	3.35E-06	9.75E-07	1.72E-04	5.43E-08	1.58E-08	1.06E-02	3.36E-06	9.78E-07	1.99E-04	6.28E-08	1.83E-08	1.11E-02	3.50E-06	1.02E-06	9.10E-05	2.87E-08	8.35E-09
821	490586.72, 3860585.12	1.04E-02	3.27E-06	9.52E-07	1.71E-04	5.41E-08	1.57E-08	1.04E-02	3.28E-06	9.55E-07	1.98E-04	6.25E-08	1.82E-08	1.08E-02	3.42E-06	9.95E-07	9.06E-05	2.86E-08	8.32E-09
822	490636.72, 3860585.12	1.02E-02	3.21E-06	9.32E-07	1.71E-04	5.41E-08	1.57E-08	1.02E-02	3.21E-06	9.35E-07	1.98E-04	6.25E-08	1.82E-08	1.06E-02	3.35E-06	9.74E-07	9.06E-05	2.86E-08	8.32E-09
823	490686.72, 3860585.12	9.95E-03	3.14E-06	9.14E-07	1.71E-04	5.40E-08	1.57E-08	9.98E-03	3.15E-06	9.16E-07	1.98E-04	6.24E-08	1.82E-08	1.04E-02	3.28E-06	9.54E-07	9.05E-05	2.85E-08	8.30E-09
824	490736.72, 3860585.12	9.76E-03	3.08E-06	8.96E-07	1.71E-04	5.39E-08	1.57E-08	9.78E-03	3.09E-06	8.98E-07	1.97E-04	6.23E-08	1.81E-08	1.02E-02	3.22E-06	9.35E-07	9.02E-05	2.85E-08	8.28E-09
825	490786.72, 3860585.12	9.57E-03	3.02E-06	8.78E-07	1.70E-04	5.37E-08	1.56E-08	9.60E-03	3.03E-06	8.81E-07	1.97E-04	6.21E-08	1.81E-08	9.99E-03	3.15E-06	9.17E-07	8.99E-05	2.84E-08	8.25E-09
826	490136.72, 3860635.12	1.22E-02	3.85E-06	1.12E-06	1.63E-04	5.14E-08	1.50E-08	1.22E-02	3.86E-06	1.12E-06	1.88E-04	5.94E-08	1.73E-08	1.28E-02	4.03E-06	1.17E-06	8.62E-05	2.72E-08	7.91E-09
827	490186.72, 3860635.12	1.19E-02	3.75E-06	1.09E-06	1.63E-04	5.14E-08	1.50E-08	1.19E-02	3.76E-06	1.09E-06	1.88E-04	5.94E-08	1.73E-08	1.24E-02	3.93E-06	1.14E-06	8.62E-05	2.72E-08	7.92E-09
828	490236.72, 3860635.12	1.16E-02	3.65E-06	1.06E-06	1.63E-04	5.15E-08	1.50E-08	1.16E-02	3.66E-06	1.07E-06	1.88E-04	5.95E-08	1.73E-08	1.21E-02	3.82E-06	1.11E-06	8.63E-05	2.72E-08	7.92E-09
829	490286.72, 3860635.12	1.13E-02	3.56E-06	1.04E-06	1.64E-04	5.17E-08	1.50E-08	1.13E-02	3.57E-06	1.04E-06	1.89E-04	5.98E-08	1.74E-08	1.18E-02	3.73E-06	1.08E-06	8.66E-05	2.73E-08	7.95E-09
830	490336.72, 3860635.12	1.10E-02	3.48E-06	1.01E-06	1.65E-04	5.20E-08	1.51E-08	1.11E-02	3.49E-06	1.02E-06	1.90E-04	6.01E-08	1.75E-08	1.15E-02	3.64E-06	1.06E-06	8.71E-05	2.75E-08	8.00E-09
831	490386.72, 3860635.12	1.08E-02	3.41E-06	9.90E-07	1.66E-04	5.23E-08	1.52E-08	1.08E-02	3.41E-06	9.93E-07	1.91E-04	6.04E-08	1.76E-08	1.13E-02	3.56E-06	1.04E-06	8.75E-05	2.76E-08	8.03E-09
832	490436.72, 3860635.12	1.06E-02	3.33E-06	9.69E-07	1.66E-04	5.25E-08	1.53E-08	1.06E-02	3.34E-06	9.71E-07	1.92E-04	6.07E-08	1.76E-08	1.10E-02	3.48E-06	1.01E-06	8.79E-05	2.77E-08	8.07E-09
833	490486.72, 3860635.12	1.03E-02	3.26E-06	9.48E-07	1.67E-04	5.27E-08	1.53E-08	1.04E-02	3.27E-06	9.51E-07	1.93E-04	6.09E-08	1.77E-08	1.08E-02	3.41E-06	9.91E-07	8.82E-05	2.78E-08	8.10E-09
834	490536.72, 3860635.12	1.01E-02	3.20E-06	9.30E-07	1.68E-04	5.30E-08	1.54E-08	1.02E-02	3.20E-06	9.32E-07	1.94E-04	6.12E-08	1.78E-08	1.06E-02	3.34E-06	9.72E-07	8.86E-05	2.80E-08	8.14E-09
835	490586.72, 3860635.12	9.91E-03	3.13E-06	9.10E-07	1.68E-04	5.30E-08	1.54E-08	9.94E-03	3.14E-06	9.13E-07	1.94E-04	6.12E-08	1.78E-08	1.04E-02	3.27E-06	9.51E-07	8.86E-05	2.80E-08	8.14E-09
836	490636.72, 3860635.12	9.72E-03	3.07E-06	8.92E-07	1.68E-04	5.30E-08	1.54E-08	9.75E-03	3.08E-06	8.95E-07	1.94E-04	6.13E-08	1.78E-08	1.02E-02	3.20E-06	9.32E-07	8.87E-05	2.80E-08	8.15E-09
837	490686.72, 3860635.12	9.53E-03	3.01E-06	8.75E-07	1.68E-04	5.30E-08	1.54E-08	9.56E-03	3.02E-06	8.78E-07	1.94E-04	6.13E-08	1.78E-08	9.96E-03	3.14E-06	9.14E-07	8.87E-05	2.80E-08	8.14E-09
838	490736.72, 3860635.12	9.35E-03	2.95E-06	8.58E-07	1.68E-04	5.29E-08	1.54E-08	9.38E-03	2.96E-06	8.61E-07	1.94E-04	6.11E-08	1.78E-08	9.76E-03	3.08E-06	8.96E-07	8.85E-05	2.79E-08	8.12E-09
839	490786.72, 3860635.12	9.18E-03	2.90E-06	8.43E-07	1.67E-04	5.28E-08	1.54E-08	9.21E-03	2.91E-06	8.45E-07	1.93E-04	6.10E-08	1.77E-08	9.58E-03	3.02E-06	8.80E-07	8.83E-05	2.79E-08	8.11E-09
840	490136.72, 3860685.12	1.15E-02	3.62E-06	1.05E-06	1.59E-04	5.01E-08	1.46E-08	1.15E-02	3.63E-06	1.05E-06	1.83E-04	5.79E-08	1.68E-08	1.20E-02	3.79E-06	1.10E-06	8.39E-05	2.65E-08	7.70E-09
841	490186.72, 3860685.12	1.12E-02	3.53E-06	1.03E-06	1.60E-04	5.05E-08	1.47E-08	1.12E-02	3.54E-06	1.03E-06	1.85E-04	5.83E-08	1.70E-08	1.17E-02	3.70E-06	1.07E-06	8.46E-05	2.67E-08	7.76E-09
842	490236.72, 3860685.12	1.09E-02	3.45E-06	1.00E-06	1.60E-04	5.04E-08	1.47E-08	1.10E-02	3.46E-06	1.01E-06	1.85E-04	5.83E-08	1.69E-08	1.14E-02	3.61E-06	1.05E-06	8.44E-05	2.67E-08	7.75E-09
843	490286.72, 3860685.12	1.07E-02	3.36E-06	9.79E-07	1.59E-04	5.03E-08	1.46E-08	1.07E-02	3.37E-06	9.81E-07	1.84E-04	5.82E-08	1.69E-08	1.12E-02	3.52E-06	1.02E-06	8.43E-05	2.66E-08	7.74E-09
844	490336.72, 3860685.12	1.04E-02	3.30E-06	9.59E-07	1.61E-04	5.07E-08	1.47E-08	1.05E-02	3.30E-06	9.61E-07	1.86E-04	5.86E-08	1.70E-08	1.09E-02	3.45E-06	1.00E-06	8.48E-05	2.68E-08	7.79E-09
845	490386.72, 3860685.12	1.02E-02	3.23E-06	9.39E-07	1.61E-04	5.09E-08	1.48E-08	1.03E-02	3.24E-06	9.42E-07	1.86E-04	5.89E-08	1.71E-08	1.07E-02	3.38E-06	9.82E-07	8.52E-05	2.69E-08	7.83E-09
846	490436.72, 3860685.12	1.00E-02	3.16E-06	9.19E-07	1.62E-04	5.11E-08	1.49E-08	1.00E-02	3.17E-06	9.22E-07	1.87E-04	5.91E-08	1.72E-08	1.05E-02	3.30E-06	9.61E-07	8.56E-05	2.70E-08	7.86E-09
847	490486.72, 3860685.12	9.81E-03	3.10E-06	9.01E-07	1.63E-04	5.13E-08	1.49E-08	9.84E-03	3.10E-06	9.03E-07	1.88E-04	5.93E-08	1.72E-08	1.03E-02	3.24E-06	9.41E-07	8.58E-05	2.71E-08	7.88E-09
848	490536.72, 3860685.12	9.62E-03	3.04E-06	8.84E-07	1.63E-04	5.15E-08	1.50E-08	9.65E-03	3.05E-06	8.86E-07	1.89E-04	5.96E-08	1.73E-08	1.01E-02	3.17E-06	9.23E-07	8.62E-05	2.72E-08	7.91E-09
849	490586.72, 3860685.12	9.45E-03	2.98E-06	8.67E-07	1.64E-04	5.17E-08	1.50E-08	9.47E-03	2.99E-06	8.70E-07	1.89E-04	5.98E-08	1.74E-08	9.87E-03	3.11E-06	9.06E-07	8.65E-05	2.73E-08	7.94E-09
850	490636.72, 3860685.12	9.28E-03	2.93E-06	8.52E-07	1.64E-04	5.19E-08	1.51E-08	9.30E-03	2.94E-06	8.54E-07	1.90E-04	6.00E-08	1.74E-08	9.69E-03	3.06E-06	8.89E-07	8.68E-05	2.74E-08	7.96E-09
851	490686.72, 3860685.12	9.12E-03	2.88E-06	8.37E-07	1.65E-04	5.20E-08	1.51E-08	9.14E-03	2.89E-06	8.39E-07	1.90E-04	6.01E-08	1.75E-08	9.52E-03	3.00E-06	8.74E-07	8.69E-05	2.74E-08	7.98E-09
852	490736.72, 3860685.12	8.95E-03	2.83E-06	8.22E-07	1.65E-04	5.20E-08	1.51E-08	8.98E-03	2.83E-06	8.24E-07	1.90E-04	6.00E-08	1.75E-08	9.34E-03	2.95E-06	8.58E-07	8.69E-05	2.74E-08	7.97E-09
853	490786.72, 3860685.12	8.81E-03	2.78E-06	8.08E-07	1.65E-04	5.20E-08	1.51E-08	8.83E-03	2.79E-06	8.11E-07	1.90E-04	6.01E-08	1.75E-08	9.19E-03	2.90E-06	8.44E-07	8.69E-05	2.74E-08	7.97E-09
854	490136.72, 3860735.12	1.07E-02	3.37E-06	9.82E-07	1.54E-04	4.86E-08	1.41E-08	1.07E-02	3.38E-06	9.84E-07	1.78E-04	5.62E-08	1.63E-08	1.12E-02	3.53E-06	1.03E-06	8.14E-05	2.57E-08	7.47E-09

855	490186.72, 3860735.12	1.05E-02	3.30E-06	9.60E-07	1.54E-04	4.87E-08	1.42E-08	1.05E-02	3.31E-06	9.63E-07	1.78E-04	5.63E-08	1.64E-08	1.09E-02	3.45E-06	1.00E-06	8.15E-05	2.57E-08	7.48E-09
856	490236.72, 3860735.12	1.02E-02	3.23E-06	9.41E-07	1.55E-04	4.89E-08	1.42E-08	1.03E-02	3.24E-06	9.43E-07	1.79E-04	5.65E-08	1.64E-08	1.07E-02	3.38E-06	9.84E-07	8.18E-05	2.58E-08	7.51E-09
857	490286.72, 3860735.12	1.00E-02	3.17E-06	9.22E-07	1.56E-04	4.91E-08	1.43E-08	1.01E-02	3.18E-06	9.24E-07	1.80E-04	5.67E-08	1.65E-08	1.05E-02	3.31E-06	9.64E-07	8.21E-05	2.59E-08	7.54E-09
858	490336.72, 3860735.12	9.85E-03	3.11E-06	9.04E-07	1.56E-04	4.93E-08	1.43E-08	9.87E-03	3.12E-06	9.07E-07	1.81E-04	5.70E-08	1.66E-08	1.03E-02	3.25E-06	9.45E-07	8.25E-05	2.60E-08	7.57E-09
859	490386.72, 3860735.12	9.67E-03	3.05E-06	8.88E-07	1.57E-04	4.96E-08	1.44E-08	9.69E-03	3.06E-06	8.90E-07	1.82E-04	5.73E-08	1.67E-08	1.01E-02	3.19E-06	9.28E-07	8.30E-05	2.62E-08	7.62E-09
860	490436.72, 3860735.12	9.51E-03	3.00E-06	8.73E-07	1.58E-04	5.00E-08	1.45E-08	9.53E-03	3.01E-06	8.75E-07	1.83E-04	5.78E-08	1.68E-08	9.93E-03	3.14E-06	9.12E-07	8.36E-05	2.64E-08	7.68E-09
861	490486.72, 3860735.12	9.32E-03	2.94E-06	8.56E-07	1.59E-04	5.02E-08	1.46E-08	9.35E-03	2.95E-06	8.58E-07	1.84E-04	5.80E-08	1.69E-08	9.74E-03	3.07E-06	8.94E-07	8.39E-05	2.65E-08	7.70E-09
862	490536.72, 3860735.12	9.14E-03	2.88E-06	8.39E-07	1.59E-04	5.02E-08	1.46E-08	9.16E-03	2.89E-06	8.41E-07	1.84E-04	5.81E-08	1.69E-08	9.54E-03	3.01E-06	8.76E-07	8.40E-05	2.65E-08	7.71E-09
863	490586.72, 3860735.12	8.97E-03	2.83E-06	8.24E-07	1.60E-04	5.04E-08	1.47E-08	9.00E-03	2.84E-06	8.26E-07	1.85E-04	5.83E-08	1.70E-08	9.37E-03	2.96E-06	8.60E-07	8.43E-05	2.66E-08	7.74E-09
864	490636.72, 3860735.12	8.82E-03	2.78E-06	8.10E-07	1.60E-04	5.06E-08	1.47E-08	8.85E-03	2.79E-06	8.12E-07	1.85E-04	5.85E-08	1.70E-08	9.21E-03	2.91E-06	8.46E-07	8.46E-05	2.67E-08	7.76E-09
865	490686.72, 3860735.12	8.69E-03	2.74E-06	7.97E-07	1.61E-04	5.08E-08	1.48E-08	8.71E-03	2.75E-06	8.00E-07	1.86E-04	5.87E-08	1.71E-08	9.07E-03	2.86E-06	8.32E-07	8.49E-05	2.68E-08	7.79E-09
866	490736.72, 3860735.12	8.55E-03	2.70E-06	7.85E-07	1.61E-04	5.10E-08	1.48E-08	8.58E-03	2.71E-06	7.88E-07	1.87E-04	5.89E-08	1.71E-08	8.93E-03	2.82E-06	8.19E-07	8.51E-05	2.69E-08	7.82E-09
867	490136.72, 3860785.12	9.95E-03	3.14E-06	9.13E-07	1.50E-04	4.73E-08	1.38E-08	9.97E-03	3.15E-06	9.16E-07	1.73E-04	5.47E-08	1.59E-08	1.04E-02	3.28E-06	9.55E-07	7.92E-05	2.50E-08	7.27E-09
868	490186.72, 3860785.12	9.77E-03	3.08E-06	8.97E-07	1.50E-04	4.75E-08	1.38E-08	9.79E-03	3.09E-06	8.99E-07	1.74E-04	5.48E-08	1.60E-08	1.02E-02	3.22E-06	9.38E-07	7.94E-05	2.51E-08	7.29E-09
869	490236.72, 3860785.12	9.59E-03	3.03E-06	8.81E-07	1.51E-04	4.76E-08	1.38E-08	9.62E-03	3.04E-06	8.83E-07	1.74E-04	5.50E-08	1.60E-08	1.00E-02	3.17E-06	9.21E-07	7.96E-05	2.51E-08	7.31E-09
870	490286.72, 3860785.12	9.42E-03	2.97E-06	8.65E-07	1.51E-04	4.78E-08	1.39E-08	9.45E-03	2.98E-06	8.68E-07	1.75E-04	5.52E-08	1.61E-08	9.85E-03	3.11E-06	9.04E-07	7.99E-05	2.52E-08	7.34E-09
871	490336.72, 3860785.12	9.26E-03	2.92E-06	8.50E-07	1.52E-04	4.80E-08	1.40E-08	9.29E-03	2.93E-06	8.52E-07	1.76E-04	5.55E-08	1.61E-08	9.68E-03	3.05E-06	8.88E-07	8.03E-05	2.53E-08	7.37E-09
872	490386.72, 3860785.12	9.12E-03	2.88E-06	8.37E-07	1.53E-04	4.83E-08	1.41E-08	9.14E-03	2.89E-06	8.39E-07	1.77E-04	5.59E-08	1.62E-08	9.53E-03	3.01E-06	8.75E-07	8.08E-05	2.55E-08	7.42E-09
873	490436.72, 3860785.12	8.96E-03	2.83E-06	8.23E-07	1.54E-04	4.86E-08	1.41E-08	8.99E-03	2.84E-06	8.25E-07	1.78E-04	5.61E-08	1.63E-08	9.36E-03	2.96E-06	8.60E-07	8.12E-05	2.56E-08	7.45E-09
874	490486.72, 3860785.12	8.83E-03	2.79E-06	8.10E-07	1.55E-04	4.89E-08	1.42E-08	8.85E-03	2.79E-06	8.13E-07	1.79E-04	5.65E-08	1.64E-08	9.22E-03	2.91E-06	8.46E-07	8.17E-05	2.58E-08	7.50E-09
875	490536.72, 3860785.12	8.67E-03	2.74E-06	7.96E-07	1.55E-04	4.91E-08	1.43E-08	8.70E-03	2.75E-06	7.99E-07	1.80E-04	5.67E-08	1.65E-08	9.06E-03	2.86E-06	8.31E-07	8.20E-05	2.59E-08	7.53E-09
876	490586.72, 3860785.12	8.51E-03	2.69E-06	7.81E-07	1.56E-04	4.92E-08	1.43E-08	8.54E-03	2.70E-06	7.84E-07	1.80E-04	5.68E-08	1.65E-08	8.89E-03	2.80E-06	8.16E-07	8.21E-05	2.59E-08	7.54E-09
877	490636.72, 3860785.12	8.38E-03	2.64E-06	7.69E-07	1.56E-04	4.93E-08	1.44E-08	8.40E-03	2.65E-06	7.71E-07	1.81E-04	5.70E-08	1.66E-08	8.74E-03	2.76E-06	8.03E-07	8.24E-05	2.60E-08	7.57E-09
878	490686.72, 3860785.12	8.25E-03	2.60E-06	7.58E-07	1.57E-04	4.95E-08	1.44E-08	8.28E-03	2.61E-06	7.60E-07	1.81E-04	5.73E-08	1.67E-08	8.61E-03	2.72E-06	7.91E-07	8.28E-05	2.61E-08	7.60E-09
879	490736.72, 3860785.12	8.14E-03	2.57E-06	7.47E-07	1.58E-04	4.98E-08	1.45E-08	8.17E-03	2.58E-06	7.50E-07	1.82E-04	5.75E-08	1.67E-08	8.49E-03	2.68E-06	7.80E-07	8.31E-05	2.62E-08	7.63E-09
880	490086.72, 3860835.12	9.40E-03	2.97E-06	8.63E-07	1.46E-04	4.62E-08	1.34E-08	9.42E-03	2.97E-06	8.65E-07	1.69E-04	5.34E-08	1.55E-08	9.83E-03	3.10E-06	9.02E-07	7.72E-05	2.44E-08	7.09E-09
881	490136.72, 3860835.12	9.27E-03	2.92E-06	8.51E-07	1.47E-04	4.63E-08	1.35E-08	9.29E-03	2.93E-06	8.53E-07	1.70E-04	5.35E-08	1.56E-08	9.69E-03	3.06E-06	8.89E-07	7.74E-05	2.44E-08	7.11E-09
882	490186.72, 3860835.12	9.11E-03	2.88E-06	8.37E-07	1.47E-04	4.64E-08	1.35E-08	9.14E-03	2.88E-06	8.39E-07	1.70E-04	5.36E-08	1.56E-08	9.53E-03	3.01E-06	8.75E-07	7.75E-05	2.45E-08	7.12E-09
883	490236.72, 3860835.12	8.97E-03	2.83E-06	8.23E-07	1.47E-04	4.65E-08	1.35E-08	8.99E-03	2.84E-06	8.26E-07	1.70E-04	5.37E-08	1.56E-08	9.37E-03	2.96E-06	8.61E-07	7.77E-05	2.45E-08	7.13E-09
884	490286.72, 3860835.12	8.83E-03	2.79E-06	8.11E-07	1.48E-04	4.66E-08	1.36E-08	8.86E-03	2.80E-06	8.13E-07	1.71E-04	5.39E-08	1.57E-08	9.23E-03	2.91E-06	8.48E-07	7.79E-05	2.46E-08	7.15E-09
885	490336.72, 3860835.12	8.70E-03	2.74E-06	7.98E-07	1.48E-04	4.68E-08	1.36E-08	8.72E-03	2.75E-06	8.01E-07	1.71E-04	5.41E-08	1.57E-08	9.08E-03	2.87E-06	8.34E-07	7.82E-05	2.47E-08	7.18E-09
886	490386.72, 3860835.12	8.56E-03	2.70E-06	7.86E-07	1.49E-04	4.70E-08	1.37E-08	8.59E-03	2.71E-06	7.88E-07	1.72E-04	5.43E-08	1.58E-08	8.94E-03	2.82E-06	8.21E-07	7.85E-05	2.48E-08	7.21E-09
887	490436.72, 3860835.12	8.44E-03	2.67E-06	7.75E-07	1.50E-04	4.73E-08	1.38E-08	8.47E-03	2.67E-06	7.78E-07	1.73E-04	5.47E-08	1.59E-08	8.82E-03	2.78E-06	8.10E-07	7.90E-05	2.49E-08	7.25E-09
888	490486.72, 3860835.12	8.32E-03	2.63E-06	7.64E-07	1.51E-04	4.76E-08	1.38E-08	8.35E-03	2.64E-06	7.67E-07	1.74E-04	5.50E-08	1.60E-08	8.69E-03	2.74E-06	7.98E-07	7.95E-05	2.51E-08	7.29E-09
889	490536.72, 3860835.12	8.20E-03	2.59E-06	7.53E-07	1.51E-04	4.78E-08	1.39E-08	8.23E-03	2.60E-06	7.55E-07	1.75E-04	5.53E-08	1.61E-08	8.56E-03	2.70E-06	7.86E-07	7.98E-05	2.52E-08	7.33E-09
890	490586.72, 3860835.12	8.07E-03	2.55E-06	7.41E-07	1.52E-04	4.80E-08	1.40E-08	8.10E-03	2.56E-06	7.43E-07	1.76E-04	5.55E-08	1.61E-08	8.42E-03	2.66E-06	7.73E-07	8.01E-05	2.53E-08	7.36E-09
891	490636.72, 3860835.12	7.95E-03	2.51E-06	7.30E-07	1.53E-04	4.82E-08	1.40E-08	7.97E-03	2.52E-06	7.32E-07	1.76E-04	5.57E-08	1.62E-08	8.29E-03	2.62E-06	7.61E-07	8.04E-05	2.54E-08	7.38E-09
892	490686.72, 3860835.12	7.84E-03	2.47E-06	7.20E-07	1.53E-04	4.84E-08	1.41E-08	7.86E-03	2.48E-06	7.22E-07	1.77E-04	5.59E-08	1.63E-08	8.18E-03	2.58E-06	7.51E-07	8.08E-05	2.55E-08	7.41E-09
893	490736.72, 3860835.12	7.74E-03	2.44E-06	7.11E-07	1.54E-04	4.86E-08	1.41E-08	7.77E-03	2.45E-06	7.13E-07	1.78E-04	5.62E-08	1.63E-08	8.07E-03	2.55E-06	7.41E-07	8.12E-05	2.56E-08	7.45E-09
894	490086.72, 3860885.12	8.72E-03	2.75E-06	8.01E-07	1.43E-04	4.52E-08	1.32E-08	8.75E-03	2.76E-06	8.03E-07	1.66E-04	5.23E-08	1.52E-08	9.12E-03	2.88E-06	8.37E-07	7.56E-05	2.39E-08	6.94E-09
895	490136.72, 3860885.12	8.61E-03	2.72E-06	7.91E-07	1.43E-04	4.53E-08	1.32E-08	8.64E-03	2.73E-06	7.93E-07	1.66E-04	5.23E-08	1.52E-08	9.00E-03	2.84E-06	8.26E-07	7.57E-05	2.39E-08	6.95E-09
896	490186.72, 3860885.12	8.50E-03	2.68E-06	7.80E-07	1.44E-04	4.53E-08	1.32E-08	8.52E-03	2.69E-06	7.82E-07	1.66E-04	5.24E-08	1.52E-08	8.88E-03	2.80E-06	8.15E-07	7.58E-05	2.39E-08	6.96E-09
897	490236.72, 3860885.12	8.38E-03	2.65E-06	7.70E-07	1.44E-04	4.54E-08	1.32E-08	8.41E-03	2.65E-06	7.72E-07	1.66E-04	5.25E-08	1.53E-08	8.76E-03	2.76E-06	8.04E-07	7.59E-05	2.40E-08	6.97E-09
898	490286.72, 3860885.12	8.27E-03	2.61E-06	7.59E-07	1.44E-04	4.55E-08	1.32E-08	8.30E-03	2.62E-06	7.62E-07	1.67E-04	5.26E-08	1.53E-08	8.64E-03	2.73E-06	7.93E-07	7.61E-05	2.40E-08	6.98E-09
899	490336.72, 3860885.12	8.16E-03	2.57E-06	7.49E-07	1.45E-04	4.56E-08	1.33E-08	8.18E-03	2.58E-06	7.51E-07	1.67E-04	5.28E-08	1.53E-08	8.52E-03	2.69E-06	7.82E-07	7.62E-05	2.41E-08	7.00E-09
900	490386.72, 3860885.12	8.05E-03	2.54E-06	7.39E-07	1.45E-04	4.59E-08	1.33E-08	8.08E-03	2.55E-06	7.41E-07	1.68E-04	5.30E-08	1.54E-08	8.41E-03	2.65E-06	7.72E-07	7.66E-05	2.42E-08	7.03E-09
901	490436.72, 3860885.12	7.95E-03	2.51E-06	7.30E-07	1.46E-04	4.61E-08	1.34E-08	7.98E-03	2.52E-06	7.32E-07	1.69E-04	5.33E-08	1.55E-08	8.30E-03	2.62E-06	7.62E-07	7.70E-05	2.43E-08	7.07E-09
902	490486.72, 3860885.12	7.85E-03	2.48E-06	7.21E-07	1.47E-04	4.63E-08	1.35E-08	7.87E-03	2.49E-06	7.23E-07	1.70E-04	5.36E-08	1.56E-08	8.19E-03	2.59E-06	7.52E-07	7.74E-05	2.44E-08	7.10E-09
903	490536.72, 3860885.12	7.74E-03	2.44E-06	7.11E-07	1.48E-04	4.66E-08	1.35E-08	7.77E-03	2.45E-06	7.13E-07	1.71E-04	5.38E-08	1.57E-08	8.08E-03	2.55E-06	7.42E-07	7.78E-05	2.45E-08	7.14E-09
904	490586.72, 3860885.12	7.64E-03	2.41E-06	7.01E-07	1.48E-04	4.68E-08	1.36E-08	7.66E-03	2.42E-06	7.03E-07	1.71E-04	5.41E-08	1.57E-08	7.97E-03	2.51E-06	7.32E-07	7.81E-05	2.47E-08	7.17E-09
905	490636.72, 3860885.12	7.53E-03	2.38E-06	6.91E-07	1.49E-04	4.70E-08	1.37E-08	7.56E-03	2.39E-06	6.94E-07	1.72E-04	5.43E-08	1.58E-08	7.86E-03	2.48E-06	7.21E-07	7.84E-05	2.47E-08	7.20E-09
906	490686.72, 3860885.12	7.43E-03	2.35E-06	6.82E-07	1.50E-04	4.72E-08	1.37E-08	7.46E-03	2.35E-06	6.85E-07	1.73E-04	5.45E-08	1.59E-08	7.75E-03	2.45E-06	7.12E-07	7.88E-05	2.49E-08	7.23E-09
907	490736.72, 3860885.12	7.34E-03	2.32E-06	6.74E-07	1.50E-04	4.74E-08	1.38E-08	7.37E-03	2.32E-06	6.76E-07	1.74E-04	5.48E-08	1.59E-08	7.65E-03	2.42E-06	7.03E-07	7.91E-05	2.50E-08	7.26E-09
908	490086.72, 3860935.12	8.08E-03	2.55E-06	7.42E-07	1.40E-04	4.43E-08	1.29E-08	8.11E-03	2.56E-06	7.44E-07	1.62E-04	5.12E-08	1.49E-08	8.44E-03	2.67E-06	7.75E-07	7.39E-05	2.33E-08	6.79E-09
909	490136.72, 3860935.12	7.99E-03	2.52E-06	7.34E-07	1.40E-04	4.43E-08	1.29E-08	8.01E-03	2.53E-06	7.36E-07	1.62E-04	5.12E-08	1.49E-08	8.35E-03	2.63E-06	7.66E-07	7.39E-05	2.33E-08	6.79E-09
910	490186.72, 3860935.12	7.91E-03	2.50E-06	7.26E-07	1.40E-04	4.43E-08	1.29E-08	7.94E-03	2.50E-06	7.28E-07	1.62E-04	5.12E-08	1.49E-08	8.26E-03	2.61E-06	7.59E-07	7.40E-05	2.34E-08	6.80E-09
911	490236.72, 3860935.12	7.83E-03	2.47E-06	7.19E-07	1.41E-04	4.44E-08	1.29E-08	7.85E-03	2.48E-06	7.21E-07	1.63E-04	5.13E-08	1.49E-08	8.17E-03	2.58E-06	7.50E-07	7.42E-05	2.34E-08	6.81E-09
912	490286.72, 3860935.12	7.74E-03	2.44E-06	7.11E-07	1.41E-04	4.45E-08	1.29E-08	7.77E-03	2.45E-06	7.13E-07	1.63E-04	5.15E-08	1.50E-08	8.09E-03	2.55E-06	7.42E-07	7.43E-05	2.35E-08	6.83E-09
913	490336.72, 3860935.12	7.65E-03	2.41E-06	7.02E-07	1.41E-04	4.46E-08	1.30E-08	7.67E-03	2.42E-06	7.04E-07	1.63E-04	5.16E-08	1.50E-08	7.99E-03	2.52E-06	7.33E-07	7.45E-05	2.35E-08	6.84E-09
914	490386.72, 3860935.12	7.57E-03	2.39E-06	6.95E-07	1.42E-04	4.48E-08	1.30E-08	7.59E-03	2.40E-06	6.97E-07	1.64E-04	5.18E-08	1.51E-08	7.90E-03	2.49E-06	7.25E-07	7.48E-05	2.36E-08	6.87E-09
915	490436.72, 3860935.12	7.49E-03	2.36E-06	6.87E-07	1.43E-04	4.50E-08	1.31E-08	7.51E-03	2.37E-06	6.90E-07	1.65E-04	5.20E-08	1.51E-08	7.81E-03	2.47E-06	7.17E-07	7.51E-05	2.37E-08	6.90E-09
916	490486.72, 3860935.12	7.40E-03	2.33E-06	6.79E-07	1.43E-04	4.52E-08	1.31E-08	7.42E-03	2.34E-06	6.81E-07	1.66E-04	5.22E-08	1.52E-08	7.72E-03	2.44E-06	7.09E-07	7.54E-05	2.38E-08	6.93E-09
917	490536.72, 3860935.12	7.31E-03	2.31E-06	6.71E-07	1.44E-04	4.54E-08	1.32E-08	7.34E-03	2.32E-06	6.74E-07	1.66E-04	5.25E-08	1.53E-08	7.63E-03	2.41E-06	7.00E-07	7.58E-05	2.39E-08	6.96E-09
918	490586.72, 3860935.12	7.22E-03	2.28E-06	6.63E-07	1.45E-04	4.56E-08	1.33E-08	7.25E-03	2.29E-06	6.65E-07	1.67E-04	5.27E-08	1.53E-08	7.53E-03	2.38E-06	6.91E-07	7.61E-05	2.40E-08	6.99E-09
919	490636.72, 3860935.12	7.13E-03	2.25E-06	6.55E-07	1.45E-04	4.58E-08	1.33E-08	7.16E-03	2.26E-06	6.57E-07	1.68E-04	5.30E-08	1.54E-08	7.44E-03	2.35E-06	6.83E-07	7.65E-05	2.41E-08	7.02E-09
920	490686.72, 3860935.12	7.05E-03	2.22E-06	6.47E-07	1.46E-04	4.60E-08	1.34E-08	7.07E-03	2.23E-06	6.49E-07	1.69E-04	5.32E-08	1.55E-08	7.35E-03	2.32E-06	6.74E-07	7.68E-05	2.42E-08	7.05E-09

921	490736.72, 3860935.12	6.96E-03	2.20E-06	6.39E-07	1.47E-04	4.62E-08	1.35E-08	6.99E-03	2.21E-06	6.42E-07	1.69E-04	5.35E-08	1.56E-08	7.26E-03	2.29E-06	6.66E-07	7.72E-05	2.44E-08	7.08E-09
922	490786.72, 3860935.12	6.89E-03	2.17E-06	6.32E-07	1.47E-04	4.65E-08	1.35E-08	6.91E-03	2.18E-06	6.34E-07	1.70E-04	5.37E-08	1.56E-08	7.17E-03	2.26E-06	6.59E-07	7.75E-05	2.45E-08	7.11E-09
923	490836.72, 3860935.12	6.82E-03	2.15E-06	6.26E-07	1.48E-04	4.67E-08	1.36E-08	6.84E-03	2.16E-06	6.28E-07	1.71E-04	5.40E-08	1.57E-08	7.10E-03	2.24E-06	6.52E-07	7.79E-05	2.46E-08	7.15E-09
924	490086.72, 3860985.12	7.51E-03	2.37E-06	6.89E-07	1.38E-04	4.34E-08	1.26E-08	7.53E-03	2.38E-06	6.91E-07	1.59E-04	5.02E-08	1.46E-08	7.84E-03	2.47E-06	7.19E-07	7.25E-05	2.29E-08	6.65E-09
925	490136.72, 3860985.12	7.44E-03	2.35E-06	6.83E-07	1.38E-04	4.34E-08	1.26E-08	7.47E-03	2.36E-06	6.85E-07	1.59E-04	5.02E-08	1.46E-08	7.77E-03	2.45E-06	7.13E-07	7.25E-05	2.29E-08	6.65E-09
926	490186.72, 3860985.12	7.39E-03	2.33E-06	6.78E-07	1.38E-04	4.35E-08	1.26E-08	7.41E-03	2.34E-06	6.80E-07	1.59E-04	5.03E-08	1.46E-08	7.71E-03	2.43E-06	7.08E-07	7.26E-05	2.29E-08	6.66E-09
927	490236.72, 3860985.12	7.31E-03	2.31E-06	6.71E-07	1.38E-04	4.35E-08	1.26E-08	7.34E-03	2.32E-06	6.73E-07	1.59E-04	5.03E-08	1.46E-08	7.63E-03	2.41E-06	7.01E-07	7.26E-05	2.29E-08	6.66E-09
928	490286.72, 3860985.12	7.24E-03	2.29E-06	6.65E-07	1.38E-04	4.35E-08	1.27E-08	7.27E-03	2.29E-06	6.67E-07	1.59E-04	5.03E-08	1.46E-08	7.56E-03	2.39E-06	6.94E-07	7.27E-05	2.29E-08	6.67E-09
929	490336.72, 3860985.12	7.17E-03	2.26E-06	6.59E-07	1.38E-04	4.36E-08	1.27E-08	7.20E-03	2.27E-06	6.61E-07	1.60E-04	5.04E-08	1.47E-08	7.49E-03	2.36E-06	6.87E-07	7.28E-05	2.30E-08	6.69E-09
930	490386.72, 3860985.12	7.11E-03	2.24E-06	6.52E-07	1.39E-04	4.38E-08	1.27E-08	7.13E-03	2.25E-06	6.55E-07	1.60E-04	5.06E-08	1.47E-08	7.41E-03	2.34E-06	6.81E-07	7.30E-05	2.31E-08	6.71E-09
931	490436.72, 3860985.12	7.05E-03	2.22E-06	6.47E-07	1.39E-04	4.40E-08	1.28E-08	7.07E-03	2.23E-06	6.49E-07	1.61E-04	5.08E-08	1.48E-08	7.35E-03	2.32E-06	6.75E-07	7.34E-05	2.32E-08	6.74E-09
932	490486.72, 3860985.12	6.97E-03	2.20E-06	6.40E-07	1.40E-04	4.41E-08	1.28E-08	7.00E-03	2.21E-06	6.42E-07	1.62E-04	5.10E-08	1.48E-08	7.27E-03	2.30E-06	6.68E-07	7.36E-05	2.32E-08	6.76E-09
933	490536.72, 3860985.12	6.90E-03	2.18E-06	6.33E-07	1.40E-04	4.43E-08	1.29E-08	6.92E-03	2.18E-06	6.35E-07	1.62E-04	5.12E-08	1.49E-08	7.19E-03	2.27E-06	6.60E-07	7.39E-05	2.33E-08	6.79E-09
934	490586.72, 3860985.12	6.82E-03	2.15E-06	6.26E-07	1.41E-04	4.45E-08	1.29E-08	6.85E-03	2.16E-06	6.29E-07	1.63E-04	5.14E-08	1.50E-08	7.11E-03	2.24E-06	6.53E-07	7.42E-05	2.34E-08	6.82E-09
935	490636.72, 3860985.12	6.75E-03	2.13E-06	6.20E-07	1.42E-04	4.47E-08	1.30E-08	6.78E-03	2.14E-06	6.22E-07	1.64E-04	5.17E-08	1.50E-08	7.04E-03	2.22E-06	6.46E-07	7.46E-05	2.35E-08	6.85E-09
936	490686.72, 3860985.12	6.68E-03	2.11E-06	6.13E-07	1.42E-04	4.49E-08	1.31E-08	6.70E-03	2.12E-06	6.15E-07	1.65E-04	5.19E-08	1.51E-08	6.96E-03	2.20E-06	6.39E-07	7.49E-05	2.37E-08	6.88E-09
937	490736.72, 3860985.12	6.60E-03	2.08E-06	6.06E-07	1.43E-04	4.51E-08	1.31E-08	6.63E-03	2.09E-06	6.08E-07	1.65E-04	5.22E-08	1.52E-08	6.88E-03	2.17E-06	6.32E-07	7.53E-05	2.38E-08	6.91E-09
938	490786.72, 3860985.12	6.54E-03	2.06E-06	6.00E-07	1.44E-04	4.54E-08	1.32E-08	6.56E-03	2.07E-06	6.02E-07	1.66E-04	5.24E-08	1.53E-08	6.81E-03	2.15E-06	6.25E-07	7.56E-05	2.39E-08	6.94E-09
939	490836.72, 3860985.12	6.48E-03	2.04E-06	5.94E-07	1.44E-04	4.56E-08	1.33E-08	6.50E-03	2.05E-06	5.97E-07	1.67E-04	5.27E-08	1.53E-08	6.74E-03	2.13E-06	6.19E-07	7.60E-05	2.40E-08	6.98E-09
940	490086.72, 3861035.12	6.98E-03	2.20E-06	6.40E-07	1.35E-04	4.26E-08	1.24E-08	7.00E-03	2.21E-06	6.43E-07	1.56E-04	4.92E-08	1.43E-08	7.28E-03	2.30E-06	6.68E-07	7.10E-05	2.24E-08	6.52E-09
941	490136.72, 3861035.12	6.93E-03	2.19E-06	6.37E-07	1.35E-04	4.26E-08	1.24E-08	6.96E-03	2.20E-06	6.39E-07	1.56E-04	4.92E-08	1.43E-08	7.23E-03	2.28E-06	6.64E-07	7.11E-05	2.24E-08	6.52E-09
942	490186.72, 3861035.12	6.89E-03	2.17E-06	6.32E-07	1.35E-04	4.26E-08	1.24E-08	6.91E-03	2.18E-06	6.34E-07	1.56E-04	4.92E-08	1.43E-08	7.18E-03	2.27E-06	6.59E-07	7.11E-05	2.24E-08	6.53E-09
943	490236.72, 3861035.12	6.84E-03	2.16E-06	6.28E-07	1.35E-04	4.26E-08	1.24E-08	6.86E-03	2.17E-06	6.30E-07	1.56E-04	4.93E-08	1.43E-08	7.13E-03	2.25E-06	6.55E-07	7.12E-05	2.25E-08	6.53E-09
944	490286.72, 3861035.12	6.78E-03	2.14E-06	6.23E-07	1.35E-04	4.26E-08	1.24E-08	6.81E-03	2.15E-06	6.25E-07	1.56E-04	4.93E-08	1.43E-08	7.07E-03	2.23E-06	6.49E-07	7.12E-05	2.25E-08	6.53E-09
945	490336.72, 3861035.12	6.73E-03	2.12E-06	6.17E-07	1.35E-04	4.27E-08	1.24E-08	6.75E-03	2.13E-06	6.20E-07	1.56E-04	4.93E-08	1.44E-08	7.01E-03	2.21E-06	6.44E-07	7.12E-05	2.25E-08	6.54E-09
946	490386.72, 3861035.12	6.68E-03	2.11E-06	6.13E-07	1.36E-04	4.28E-08	1.25E-08	6.70E-03	2.12E-06	6.16E-07	1.57E-04	4.95E-08	1.44E-08	6.97E-03	2.20E-06	6.40E-07	7.15E-05	2.26E-08	6.56E-09
947	490436.72, 3861035.12	6.63E-03	2.09E-06	6.09E-07	1.36E-04	4.30E-08	1.25E-08	6.66E-03	2.10E-06	6.11E-07	1.57E-04	4.97E-08	1.45E-08	6.92E-03	2.18E-06	6.35E-07	7.17E-05	2.26E-08	6.59E-09
948	490486.72, 3861035.12	6.58E-03	2.08E-06	6.04E-07	1.37E-04	4.31E-08	1.26E-08	6.60E-03	2.08E-06	6.06E-07	1.58E-04	4.99E-08	1.45E-08	6.86E-03	2.16E-06	6.29E-07	7.20E-05	2.27E-08	6.61E-09
949	490536.72, 3861035.12	6.52E-03	2.06E-06	5.98E-07	1.37E-04	4.33E-08	1.26E-08	6.54E-03	2.06E-06	6.00E-07	1.59E-04	5.00E-08	1.46E-08	6.79E-03	2.14E-06	6.23E-07	7.22E-05	2.28E-08	6.63E-09
950	490586.72, 3861035.12	6.45E-03	2.04E-06	5.92E-07	1.38E-04	4.35E-08	1.26E-08	6.47E-03	2.04E-06	5.94E-07	1.59E-04	5.02E-08	1.46E-08	6.72E-03	2.12E-06	6.17E-07	7.25E-05	2.29E-08	6.65E-09
951	490636.72, 3861035.12	6.39E-03	2.02E-06	5.86E-07	1.38E-04	4.36E-08	1.27E-08	6.41E-03	2.02E-06	5.89E-07	1.60E-04	5.05E-08	1.47E-08	6.65E-03	2.10E-06	6.11E-07	7.28E-05	2.30E-08	6.68E-09
952	490686.72, 3861035.12	6.32E-03	2.00E-06	5.81E-07	1.39E-04	4.38E-08	1.28E-08	6.35E-03	2.00E-06	5.83E-07	1.61E-04	5.07E-08	1.47E-08	6.59E-03	2.08E-06	6.05E-07	7.31E-05	2.31E-08	6.71E-09
953	490736.72, 3861035.12	6.26E-03	1.98E-06	5.75E-07	1.40E-04	4.40E-08	1.28E-08	6.29E-03	1.98E-06	5.77E-07	1.61E-04	5.09E-08	1.48E-08	6.52E-03	2.06E-06	5.99E-07	7.34E-05	2.32E-08	6.74E-09
954	490786.72, 3861035.12	6.21E-03	1.96E-06	5.70E-07	1.40E-04	4.43E-08	1.29E-08	6.23E-03	1.97E-06	5.72E-07	1.62E-04	5.12E-08	1.49E-08	6.46E-03	2.04E-06	5.93E-07	7.38E-05	2.33E-08	6.78E-09
955	490836.72, 3861035.12	6.15E-03	1.94E-06	5.65E-07	1.41E-04	4.45E-08	1.29E-08	6.18E-03	1.95E-06	5.67E-07	1.63E-04	5.15E-08	1.50E-08	6.40E-03	2.02E-06	5.88E-07	7.42E-05	2.34E-08	6.81E-09
956	490086.72, 3861085.12	6.50E-03	2.05E-06	5.96E-07	1.32E-04	4.18E-08	1.21E-08	6.52E-03	2.06E-06	5.99E-07	1.53E-04	4.83E-08	1.40E-08	6.77E-03	2.14E-06	6.22E-07	6.96E-05	2.20E-08	6.39E-09
957	490136.72, 3861085.12	6.47E-03	2.04E-06	5.94E-07	1.33E-04	4.18E-08	1.22E-08	6.50E-03	2.05E-06	5.96E-07	1.53E-04	4.84E-08	1.41E-08	6.75E-03	2.13E-06	6.20E-07	6.98E-05	2.20E-08	6.40E-09
958	490186.72, 3861085.12	6.45E-03	2.04E-06	5.92E-07	1.33E-04	4.19E-08	1.22E-08	6.47E-03	2.04E-06	5.94E-07	1.53E-04	4.84E-08	1.41E-08	6.73E-03	2.12E-06	6.17E-07	6.99E-05	2.21E-08	6.42E-09
959	490236.72, 3861085.12	6.41E-03	2.02E-06	5.88E-07	1.33E-04	4.19E-08	1.22E-08	6.43E-03	2.03E-06	5.90E-07	1.53E-04	4.84E-08	1.41E-08	6.68E-03	2.11E-06	6.13E-07	6.98E-05	2.20E-08	6.41E-09
960	490286.72, 3861085.12	6.36E-03	2.01E-06	5.84E-07	1.33E-04	4.19E-08	1.22E-08	6.39E-03	2.02E-06	5.86E-07	1.53E-04	4.84E-08	1.41E-08	6.63E-03	2.09E-06	6.09E-07	6.98E-05	2.20E-08	6.41E-09
961	490336.72, 3861085.12	6.32E-03	1.99E-06	5.80E-07	1.33E-04	4.19E-08	1.22E-08	6.34E-03	2.00E-06	5.82E-07	1.53E-04	4.84E-08	1.41E-08	6.59E-03	2.08E-06	6.05E-07	6.98E-05	2.20E-08	6.41E-09
962	490386.72, 3861085.12	6.29E-03	1.98E-06	5.77E-07	1.33E-04	4.20E-08	1.22E-08	6.31E-03	1.99E-06	5.79E-07	1.54E-04	4.85E-08	1.41E-08	6.55E-03	2.07E-06	6.01E-07	7.00E-05	2.21E-08	6.43E-09
963	490436.72, 3861085.12	6.24E-03	1.97E-06	5.73E-07	1.33E-04	4.21E-08	1.22E-08	6.27E-03	1.98E-06	5.75E-07	1.54E-04	4.86E-08	1.41E-08	6.51E-03	2.05E-06	5.97E-07	7.01E-05	2.21E-08	6.44E-09
964	490486.72, 3861085.12	6.20E-03	1.96E-06	5.69E-07	1.34E-04	4.22E-08	1.23E-08	6.22E-03	1.96E-06	5.71E-07	1.54E-04	4.88E-08	1.42E-08	6.46E-03	2.04E-06	5.93E-07	7.03E-05	2.22E-08	6.46E-09
965	490536.72, 3861085.12	6.16E-03	1.94E-06	5.65E-07	1.34E-04	4.23E-08	1.23E-08	6.18E-03	1.95E-06	5.67E-07	1.55E-04	4.90E-08	1.42E-08	6.41E-03	2.02E-06	5.89E-07	7.06E-05	2.23E-08	6.48E-09
966	490586.72, 3861085.12	6.10E-03	1.93E-06	5.60E-07	1.35E-04	4.25E-08	1.24E-08	6.13E-03	1.93E-06	5.62E-07	1.56E-04	4.91E-08	1.43E-08	6.36E-03	2.01E-06	5.84E-07	7.08E-05	2.24E-08	6.50E-09
967	490636.72, 3861085.12	6.04E-03	1.91E-06	5.55E-07	1.35E-04	4.26E-08	1.24E-08	6.07E-03	1.91E-06	5.57E-07	1.56E-04	4.92E-08	1.43E-08	6.29E-03	1.99E-06	5.78E-07	7.10E-05	2.24E-08	6.52E-09
968	490686.72, 3861085.12	5.99E-03	1.89E-06	5.50E-07	1.36E-04	4.28E-08	1.24E-08	6.01E-03	1.90E-06	5.52E-07	1.57E-04	4.95E-08	1.44E-08	6.24E-03	1.97E-06	5.73E-07	7.13E-05	2.25E-08	6.55E-09
969	490736.72, 3861085.12	5.94E-03	1.87E-06	5.45E-07	1.36E-04	4.30E-08	1.25E-08	5.96E-03	1.88E-06	5.47E-07	1.58E-04	4.97E-08	1.45E-08	6.18E-03	1.95E-06	5.68E-07	7.17E-05	2.26E-08	6.58E-09
970	490786.72, 3861085.12	5.89E-03	1.86E-06	5.41E-07	1.37E-04	4.32E-08	1.26E-08	5.91E-03	1.87E-06	5.43E-07	1.58E-04	5.00E-08	1.45E-08	6.13E-03	1.94E-06	5.63E-07	7.20E-05	2.27E-08	6.61E-09
971	490836.72, 3861085.12	5.84E-03	1.84E-06	5.36E-07	1.38E-04	4.34E-08	1.26E-08	5.87E-03	1.85E-06	5.39E-07	1.59E-04	5.02E-08	1.46E-08	6.08E-03	1.92E-06	5.58E-07	7.24E-05	2.29E-08	6.65E-09
972	490086.72, 3861135.12	6.06E-03	1.91E-06	5.57E-07	1.30E-04	4.10E-08	1.19E-08	6.09E-03	1.92E-06	5.59E-07	1.50E-04	4.74E-08	1.38E-08	6.32E-03	1.99E-06	5.80E-07	6.83E-05	2.16E-08	6.27E-09
973	490136.72, 3861135.12	6.05E-03	1.91E-06	5.55E-07	1.30E-04	4.10E-08	1.19E-08	6.07E-03	1.92E-06	5.57E-07	1.50E-04	4.74E-08	1.38E-08	6.30E-03	1.99E-06	5.78E-07	6.84E-05	2.16E-08	6.28E-09
974	490186.72, 3861135.12	6.03E-03	1.90E-06	5.54E-07	1.30E-04	4.11E-08	1.19E-08	6.05E-03	1.91E-06	5.56E-07	1.50E-04	4.75E-08	1.38E-08	6.28E-03	1.98E-06	5.77E-07	6.85E-05	2.16E-08	6.29E-09
975	490236.72, 3861135.12	6.01E-03	1.90E-06	5.52E-07	1.30E-04	4.11E-08	1.20E-08	6.03E-03	1.90E-06	5.54E-07	1.51E-04	4.75E-08	1.38E-08	6.26E-03	1.98E-06	5.75E-07	6.85E-05	2.16E-08	6.29E-09
976	490286.72, 3861135.12	5.98E-03	1.89E-06	5.49E-07	1.30E-04	4.11E-08	1.20E-08	6.00E-03	1.89E-06	5.51E-07	1.51E-04	4.75E-08	1.38E-08	6.23E-03	1.97E-06	5.72E-07	6.86E-05	2.16E-08	6.29E-09
977	490336.72, 3861135.12	5.95E-03	1.88E-06	5.46E-07	1.30E-04	4.11E-08	1.20E-08	5.97E-03	1.88E-06	5.48E-07	1.51E-04	4.75E-08	1.38E-08	6.19E-03	1.95E-06	5.69E-07	6.85E-05	2.16E-08	6.29E-09
978	490386.72, 3861135.12	5.92E-03	1.87E-06	5.43E-07	1.30E-04	4.11E-08	1.20E-08	5.94E-03	1.87E-06	5.45E-07	1.51E-04	4.76E-08	1.38E-08	6.16E-03	1.94E-06	5.66E-07	6.86E-05	2.17E-08	6.30E-09
979	490436.72, 3861135.12	5.88E-03	1.86E-06	5.40E-07	1.31E-04	4.12E-08	1.20E-08	5.90E-03	1.86E-06	5.42E-07	1.51E-04	4.76E-08	1.39E-08	6.13E-03	1.93E-06	5.62E-07	6.87E-05	2.17E-08	6.31E-09
980	490486.72, 3861135.12	5.85E-03	1.85E-06	5.37E-07	1.31E-04	4.13E-08	1.20E-08	5.87E-03	1.85E-06	5.39E-07	1.51E-04	4.77E-08	1.39E-08	6.09E-03	1.92E-06	5.59E-07	6.88E-05	2.17E-08	6.32E-09
981	490536.72, 3861135.12	5.81E-03	1.83E-06	5.34E-07	1.31E-04	4.14E-08	1.20E-08	5.84E-03	1.84E-06	5.36E-07	1.52E-04	4.79E-08	1.39E-08	6.05E-03	1.91E-06	5.56E-07	6.90E-05	2.18E-08	6.34E-09
982	490586.72, 3861135.12	5.77E-03	1.82E-06	5.30E-07	1.32E-04	4.15E-08	1.21E-08	5.79E-03	1.83E-06	5.32E-07	1.52E-04	4.80E-08	1.40E-08	6.01E-03	1.90E-06	5.52E-07	6.92E-05	2.18E-08	6.36E-09
983	490636.72, 3861135.12	5.72E-03	1.81E-06	5.25E-07	1.32E-04	4.16E-08	1.21E-08	5.75E-03	1.81E-06	5.28E-07	1.53E-04	4.81E-08	1.40E-08	5.96E-03	1.88E-06	5.47E-07	6.94E-05	2.19E-08	6.37E-09
984	490686.72, 3861135.12	5.68E-03	1.79E-06	5.22E-07	1.32E-04	4.18E-08	1.22E-08	5.70E-03	1.80E-06	5.24E-07	1.53E-04	4.83E-08	1.41E-08	5.91E-03	1.87E-06	5.43E-07	6.97E-05	2.20E-08	6.40E-09
985	490736.72, 3861135.12	5.64E-03	1.78E-06	5.18E-07	1.33E-04	4.20E-08	1.22E-08	5.66E-03	1.79E-06	5.20E-07	1.54E-04	4.86E-08	1.41E-08	5.87E-03	1.85E-06	5.39E-07	7.00E-05	2.21E-08	6.43E-09
986	490786.72, 3861135.12	5.60E-03	1.77E-06	5.14E-07	1.34E-04	4.22E-08	1.23E-08	5.62E-03	1.77E-06	5.16E-07	1.55E-04	4.88E-08	1.42E-08	5.83E-03	1.84E-06	5.35E-07	7.04E-05	2.22E-08	6.46E-09

987	490836.72, 3861135.12	5.56E-03	1.75E-06	5.10E-07	1.34E-04	4.24E-08	1.23E-08	5.58E-03	1.76E-06	5.12E-07	1.55E-04	4.91E-08	1.43E-08	5.78E-03	1.82E-06	5.31E-07	7.07E-05	2.23E-08	6.49E-09
988	490086.72, 3861185.12	5.68E-03	1.79E-06	5.21E-07	1.27E-04	4.02E-08	1.17E-08	5.70E-03	1.80E-06	5.23E-07	1.47E-04	4.65E-08	1.35E-08	5.91E-03	1.87E-06	5.43E-07	6.70E-05	2.11E-08	6.15E-09
989	490136.72, 3861185.12	5.65E-03	1.78E-06	5.19E-07	1.27E-04	4.02E-08	1.17E-08	5.68E-03	1.79E-06	5.21E-07	1.47E-04	4.65E-08	1.35E-08	5.89E-03	1.86E-06	5.41E-07	6.70E-05	2.12E-08	6.15E-09
990	490186.72, 3861185.12	5.64E-03	1.78E-06	5.18E-07	1.28E-04	4.02E-08	1.17E-08	5.66E-03	1.79E-06	5.20E-07	1.47E-04	4.65E-08	1.35E-08	5.87E-03	1.85E-06	5.39E-07	6.71E-05	2.12E-08	6.16E-09
991	490236.72, 3861185.12	5.63E-03	1.78E-06	5.17E-07	1.28E-04	4.03E-08	1.17E-08	5.65E-03	1.78E-06	5.19E-07	1.48E-04	4.66E-08	1.35E-08	5.86E-03	1.85E-06	5.38E-07	6.71E-05	2.12E-08	6.16E-09
992	490286.72, 3861185.12	5.62E-03	1.77E-06	5.16E-07	1.28E-04	4.03E-08	1.17E-08	5.64E-03	1.78E-06	5.18E-07	1.48E-04	4.66E-08	1.36E-08	5.85E-03	1.85E-06	5.37E-07	6.72E-05	2.12E-08	6.17E-09
993	490336.72, 3861185.12	5.58E-03	1.76E-06	5.12E-07	1.28E-04	4.03E-08	1.17E-08	5.60E-03	1.77E-06	5.14E-07	1.48E-04	4.66E-08	1.35E-08	5.81E-03	1.83E-06	5.34E-07	6.71E-05	2.12E-08	6.16E-09
994	490386.72, 3861185.12	5.56E-03	1.76E-06	5.11E-07	1.28E-04	4.03E-08	1.17E-08	5.58E-03	1.76E-06	5.13E-07	1.48E-04	4.66E-08	1.36E-08	5.79E-03	1.83E-06	5.32E-07	6.72E-05	2.12E-08	6.17E-09
995	490436.72, 3861185.12	5.55E-03	1.75E-06	5.09E-07	1.28E-04	4.04E-08	1.17E-08	5.57E-03	1.76E-06	5.11E-07	1.48E-04	4.67E-08	1.36E-08	5.77E-03	1.82E-06	5.30E-07	6.73E-05	2.13E-08	6.18E-09
996	490486.72, 3861185.12	5.52E-03	1.74E-06	5.07E-07	1.28E-04	4.04E-08	1.18E-08	5.54E-03	1.75E-06	5.09E-07	1.48E-04	4.68E-08	1.36E-08	5.74E-03	1.81E-06	5.27E-07	6.74E-05	2.13E-08	6.19E-09
997	490536.72, 3861185.12	5.50E-03	1.74E-06	5.05E-07	1.29E-04	4.06E-08	1.18E-08	5.52E-03	1.74E-06	5.07E-07	1.49E-04	4.69E-08	1.37E-08	5.73E-03	1.81E-06	5.26E-07	6.77E-05	2.14E-08	6.21E-09
998	490586.72, 3861185.12	5.47E-03	1.73E-06	5.02E-07	1.29E-04	4.07E-08	1.18E-08	5.49E-03	1.73E-06	5.04E-07	1.49E-04	4.70E-08	1.37E-08	5.69E-03	1.80E-06	5.22E-07	6.78E-05	2.14E-08	6.22E-09
999	490636.72, 3861185.12	5.42E-03	1.71E-06	4.98E-07	1.29E-04	4.07E-08	1.18E-08	5.44E-03	1.72E-06	5.00E-07	1.49E-04	4.71E-08	1.37E-08	5.64E-03	1.78E-06	5.18E-07	6.79E-05	2.14E-08	6.23E-09
1000	490686.72, 3861185.12	5.39E-03	1.70E-06	4.95E-07	1.29E-04	4.09E-08	1.19E-08	5.41E-03	1.71E-06	4.97E-07	1.50E-04	4.72E-08	1.37E-08	5.61E-03	1.77E-06	5.15E-07	6.81E-05	2.15E-08	6.25E-09
1001	490736.72, 3861185.12	5.36E-03	1.69E-06	4.92E-07	1.30E-04	4.11E-08	1.19E-08	5.38E-03	1.70E-06	4.94E-07	1.50E-04	4.75E-08	1.38E-08	5.57E-03	1.76E-06	5.12E-07	6.84E-05	2.16E-08	6.28E-09
1002	490786.72, 3861185.12	5.33E-03	1.68E-06	4.89E-07	1.31E-04	4.13E-08	1.20E-08	5.35E-03	1.69E-06	4.91E-07	1.51E-04	4.77E-08	1.39E-08	5.54E-03	1.75E-06	5.09E-07	6.88E-05	2.17E-08	6.31E-09
1003	490836.72, 3861185.12	5.29E-03	1.67E-06	4.86E-07	1.31E-04	4.15E-08	1.21E-08	5.31E-03	1.68E-06	4.88E-07	1.52E-04	4.80E-08	1.40E-08	5.50E-03	1.74E-06	5.05E-07	6.91E-05	2.18E-08	6.35E-09
1004	490086.72, 3861235.12	5.33E-03	1.68E-06	4.89E-07	1.25E-04	3.95E-08	1.15E-08	5.35E-03	1.69E-06	4.91E-07	1.45E-04	4.56E-08	1.33E-08	5.54E-03	1.75E-06	5.09E-07	6.57E-05	2.07E-08	6.03E-09
1005	490136.72, 3861235.12	5.31E-03	1.68E-06	4.87E-07	1.25E-04	3.95E-08	1.15E-08	5.33E-03	1.68E-06	4.89E-07	1.45E-04	4.56E-08	1.33E-08	5.53E-03	1.74E-06	5.07E-07	6.58E-05	2.08E-08	6.04E-09
1006	490186.72, 3861235.12	5.30E-03	1.67E-06	4.87E-07	1.25E-04	3.95E-08	1.15E-08	5.32E-03	1.68E-06	4.89E-07	1.45E-04	4.57E-08	1.33E-08	5.52E-03	1.74E-06	5.06E-07	6.59E-05	2.08E-08	6.05E-09
1007	490236.72, 3861235.12	5.28E-03	1.67E-06	4.85E-07	1.25E-04	3.95E-08	1.15E-08	5.30E-03	1.67E-06	4.87E-07	1.45E-04	4.57E-08	1.33E-08	5.50E-03	1.73E-06	5.05E-07	6.58E-05	2.08E-08	6.04E-09
1008	490386.72, 3861235.12	5.24E-03	1.65E-06	4.81E-07	1.25E-04	3.95E-08	1.15E-08	5.26E-03	1.66E-06	4.83E-07	1.45E-04	4.57E-08	1.33E-08	5.45E-03	1.72E-06	5.00E-07	6.59E-05	2.08E-08	6.05E-09
1009	490436.72, 3861235.12	5.22E-03	1.65E-06	4.79E-07	1.25E-04	3.95E-08	1.15E-08	5.24E-03	1.65E-06	4.81E-07	1.45E-04	4.57E-08	1.33E-08	5.43E-03	1.71E-06	4.98E-07	6.59E-05	2.08E-08	6.05E-09
1010	490486.72, 3861235.12	5.20E-03	1.64E-06	4.77E-07	1.25E-04	3.96E-08	1.15E-08	5.22E-03	1.65E-06	4.79E-07	1.45E-04	4.58E-08	1.33E-08	5.41E-03	1.71E-06	4.97E-07	6.60E-05	2.08E-08	6.05E-09
1011	490536.72, 3861235.12	5.20E-03	1.64E-06	4.77E-07	1.26E-04	3.97E-08	1.16E-08	5.22E-03	1.65E-06	4.79E-07	1.46E-04	4.60E-08	1.34E-08	5.41E-03	1.71E-06	4.96E-07	6.62E-05	2.09E-08	6.08E-09
1012	490586.72, 3861235.12	5.19E-03	1.64E-06	4.76E-07	1.26E-04	3.99E-08	1.16E-08	5.21E-03	1.64E-06	4.78E-07	1.46E-04	4.61E-08	1.34E-08	5.39E-03	1.70E-06	4.95E-07	6.65E-05	2.10E-08	6.10E-09
1013	490636.72, 3861235.12	5.14E-03	1.62E-06	4.72E-07	1.26E-04	3.98E-08	1.16E-08	5.16E-03	1.63E-06	4.74E-07	1.46E-04	4.61E-08	1.34E-08	5.35E-03	1.69E-06	4.91E-07	6.64E-05	2.10E-08	6.10E-09
1014	490686.72, 3861235.12	5.11E-03	1.61E-06	4.69E-07	1.27E-04	4.00E-08	1.16E-08	5.13E-03	1.62E-06	4.71E-07	1.46E-04	4.62E-08	1.34E-08	5.32E-03	1.68E-06	4.88E-07	6.66E-05	2.10E-08	6.11E-09
1015	490736.72, 3861235.12	5.09E-03	1.61E-06	4.67E-07	1.27E-04	4.02E-08	1.17E-08	5.11E-03	1.61E-06	4.69E-07	1.47E-04	4.64E-08	1.35E-08	5.29E-03	1.67E-06	4.86E-07	6.69E-05	2.11E-08	6.14E-09
1016	490786.72, 3861235.12	5.07E-03	1.60E-06	4.65E-07	1.28E-04	4.04E-08	1.17E-08	5.09E-03	1.61E-06	4.67E-07	1.48E-04	4.67E-08	1.36E-08	5.27E-03	1.66E-06	4.84E-07	6.73E-05	2.12E-08	6.18E-09
1017	490836.72, 3861235.12	5.04E-03	1.59E-06	4.63E-07	1.29E-04	4.06E-08	1.18E-08	5.06E-03	1.60E-06	4.65E-07	1.49E-04	4.69E-08	1.36E-08	5.24E-03	1.65E-06	4.81E-07	6.76E-05	2.13E-08	6.20E-09
1018	490086.72, 3861285.12	5.02E-03	1.59E-06	4.61E-07	1.23E-04	3.88E-08	1.13E-08	5.04E-03	1.59E-06	4.63E-07	1.42E-04	4.48E-08	1.30E-08	5.22E-03	1.65E-06	4.80E-07	6.46E-05	2.04E-08	5.93E-09
1019	490136.72, 3861285.12	5.02E-03	1.58E-06	4.61E-07	1.23E-04	3.89E-08	1.13E-08	5.04E-03	1.59E-06	4.63E-07	1.42E-04	4.49E-08	1.31E-08	5.22E-03	1.65E-06	4.79E-07	6.47E-05	2.04E-08	5.94E-09
1020	490186.72, 3861285.12	5.00E-03	1.58E-06	4.59E-07	1.23E-04	3.88E-08	1.13E-08	5.02E-03	1.58E-06	4.61E-07	1.42E-04	4.49E-08	1.31E-08	5.20E-03	1.64E-06	4.77E-07	6.47E-05	2.04E-08	5.94E-09
1021	490236.72, 3861285.12	4.98E-03	1.57E-06	4.57E-07	1.23E-04	3.88E-08	1.13E-08	5.00E-03	1.58E-06	4.59E-07	1.42E-04	4.49E-08	1.31E-08	5.18E-03	1.64E-06	4.76E-07	6.47E-05	2.04E-08	5.94E-09
1022	490386.72, 3861285.12	4.94E-03	1.56E-06	4.54E-07	1.23E-04	3.88E-08	1.13E-08	4.97E-03	1.57E-06	4.56E-07	1.42E-04	4.49E-08	1.31E-08	5.14E-03	1.62E-06	4.72E-07	6.47E-05	2.04E-08	5.94E-09
1023	490436.72, 3861285.12	4.94E-03	1.56E-06	4.53E-07	1.23E-04	3.88E-08	1.13E-08	4.96E-03	1.56E-06	4.55E-07	1.42E-04	4.49E-08	1.31E-08	5.13E-03	1.62E-06	4.71E-07	6.47E-05	2.04E-08	5.94E-09
1024	490486.72, 3861285.12	4.92E-03	1.55E-06	4.52E-07	1.23E-04	3.88E-08	1.13E-08	4.94E-03	1.56E-06	4.54E-07	1.42E-04	4.49E-08	1.31E-08	5.11E-03	1.61E-06	4.70E-07	6.47E-05	2.04E-08	5.94E-09
1025	490536.72, 3861285.12	4.91E-03	1.55E-06	4.50E-07	1.23E-04	3.89E-08	1.13E-08	4.93E-03	1.56E-06	4.52E-07	1.42E-04	4.50E-08	1.31E-08	5.10E-03	1.61E-06	4.68E-07	6.48E-05	2.05E-08	5.95E-09
1026	490586.72, 3861285.12	4.90E-03	1.55E-06	4.50E-07	1.24E-04	3.90E-08	1.13E-08	4.92E-03	1.55E-06	4.51E-07	1.43E-04	4.51E-08	1.31E-08	5.09E-03	1.61E-06	4.67E-07	6.50E-05	2.05E-08	5.96E-09
1027	490636.72, 3861285.12	4.87E-03	1.54E-06	4.47E-07	1.24E-04	3.90E-08	1.13E-08	4.89E-03	1.54E-06	4.49E-07	1.43E-04	4.51E-08	1.31E-08	5.06E-03	1.60E-06	4.65E-07	6.50E-05	2.05E-08	5.97E-09
1028	490686.72, 3861285.12	4.85E-03	1.53E-06	4.45E-07	1.24E-04	3.91E-08	1.14E-08	4.87E-03	1.54E-06	4.47E-07	1.43E-04	4.52E-08	1.32E-08	5.04E-03	1.59E-06	4.63E-07	6.52E-05	2.06E-08	5.98E-09
1029	490736.72, 3861285.12	4.84E-03	1.53E-06	4.45E-07	1.25E-04	3.93E-08	1.14E-08	4.86E-03	1.54E-06	4.47E-07	1.44E-04	4.55E-08	1.32E-08	5.03E-03	1.59E-06	4.62E-07	6.55E-05	2.07E-08	6.01E-09
1030	490786.72, 3861285.12	4.82E-03	1.52E-06	4.43E-07	1.25E-04	3.95E-08	1.15E-08	4.84E-03	1.53E-06	4.45E-07	1.45E-04	4.56E-08	1.33E-08	5.01E-03	1.58E-06	4.60E-07	6.58E-05	2.08E-08	6.04E-09
1031	490836.72, 3861285.12	4.79E-03	1.51E-06	4.40E-07	1.26E-04	3.96E-08	1.15E-08	4.81E-03	1.52E-06	4.42E-07	1.45E-04	4.58E-08	1.33E-08	4.98E-03	1.57E-06	4.57E-07	6.60E-05	2.08E-08	6.06E-09
1032	490061.24, 3859716.13	1.77E-02	5.58E-06	1.62E-06	2.49E-04	7.85E-08	2.28E-08	1.77E-02	5.59E-06	1.63E-06	2.87E-04	9.05E-08	2.63E-08	1.85E-02	5.84E-06	1.70E-06	1.33E-04	4.21E-08	1.22E-08
1033	490111.24, 3859716.13	1.73E-02	5.46E-06	1.59E-06	2.47E-04	7.78E-08	2.26E-08	1.73E-02	5.47E-06	1.59E-06	2.84E-04	8.97E-08	2.61E-08	1.81E-02	5.71E-06	1.66E-06	1.32E-04	4.17E-08	1.21E-08
1034	490161.24, 3859716.13	1.70E-02	5.35E-06	1.56E-06	2.44E-04	7.71E-08	2.24E-08	1.70E-02	5.36E-06	1.56E-06	2.82E-04	8.89E-08	2.59E-08	1.77E-02	5.60E-06	1.63E-06	1.31E-04	4.13E-08	1.20E-08
1035	490211.24, 3859716.13	1.66E-02	5.25E-06	1.53E-06	2.42E-04	7.63E-08	2.22E-08	1.67E-02	5.26E-06	1.53E-06	2.79E-04	8.80E-08	2.56E-08	1.74E-02	5.49E-06	1.60E-06	1.30E-04	4.09E-08	1.19E-08
1036	490061.24, 3859766.13	1.76E-02	5.56E-06	1.62E-06	2.45E-04	7.73E-08	2.25E-08	1.76E-02	5.57E-06	1.62E-06	2.82E-04	8.91E-08	2.59E-08	1.84E-02	5.82E-06	1.69E-06	1.31E-04	4.14E-08	1.20E-08
1037	490111.24, 3859766.13	1.73E-02	5.45E-06	1.58E-06	2.43E-04	7.66E-08	2.23E-08	1.73E-02	5.46E-06	1.59E-06	2.80E-04	8.83E-08	2.57E-08	1.81E-02	5.70E-06	1.66E-06	1.30E-04	4.10E-08	1.19E-08
1038	490161.24, 3859766.13	1.69E-02	5.35E-06	1.55E-06	2.40E-04	7.59E-08	2.21E-08	1.70E-02	5.36E-06	1.56E-06	2.77E-04	8.75E-08	2.54E-08	1.77E-02	5.59E-06	1.63E-06	1.29E-04	4.06E-08	1.18E-08
1039	490211.24, 3859766.13	1.66E-02	5.24E-06	1.52E-06	2.38E-04	7.52E-08	2.19E-08	1.66E-02	5.25E-06	1.53E-06	2.75E-04	8.67E-08	2.52E-08	1.74E-02	5.48E-06	1.59E-06	1.27E-04	4.02E-08	1.17E-08
1040	490061.24, 3859816.13	1.76E-02	5.55E-06	1.61E-06	2.41E-04	7.60E-08	2.21E-08	1.76E-02	5.56E-06	1.62E-06	2.78E-04	8.76E-08	2.55E-08	1.84E-02	5.81E-06	1.69E-06	1.29E-04	4.07E-08	1.18E-08
1041	490111.24, 3859816.13	1.73E-02	5.45E-06	1.58E-06	2.39E-04	7.53E-08	2.19E-08	1.73E-02	5.46E-06	1.59E-06	2.75E-04	8.69E-08	2.53E-08	1.81E-02	5.70E-06	1.66E-06	1.28E-04	4.03E-08	1.17E-08
1042	490161.24, 3859816.13	1.69E-02	5.33E-06	1.55E-06	2.37E-04	7.47E-08	2.17E-08	1.69E-02	5.35E-06	1.55E-06	2.73E-04	8.61E-08	2.51E-08	1.77E-02	5.58E-06	1.62E-06	1.27E-04	4.00E-08	1.16E-08
1043	490211.24, 3859816.13	1.65E-02	5.22E-06	1.52E-06	2.34E-04	7.40E-08	2.15E-08	1.66E-02	5.24E-06	1.52E-06	2.70E-04	8.53E-08	2.48E-08	1.73E-02	5.47E-06	1.59E-06	1.25E-04	3.96E-08	1.15E-08
1044	490061.24, 3859866.13	1.76E-02	5.55E-06	1.62E-06	2.37E-04	7.46E-08	2.17E-08	1.76E-02	5.57E-06	1.62E-06	2.73E-04	8.61E-08	2.50E-08	1.84E-02	5.81E-06	1.69E-06	1.27E-04	4.00E-08	1.16E-08
1045	490111.24, 3859866.13	1.72E-02	5.44E-06	1.58E-06	2.35E-04	7.41E-08	2.16E-08	1.73E-02	5.45E-06	1.59E-06	2.71E-04	8.55E-08	2.49E-08	1.80E-02	5.69E-06	1.66E-06	1.26E-04	3.97E-08	1.15E-08
1046	490161.24, 3859866.13	1.69E-02	5.32E-06	1.55E-06	2.33E-04	7.35E-08	2.14E-08	1.69E-02	5.34E-06	1.55E-06	2.69E-04	8.48E-08	2.47E-08	1.77E-02	5.57E-06	1.62E-06	1.25E-04	3.93E-08	1.14E-08
1047	490211.24, 3859866.13	1.65E-02	5.21E-06	1.52E-06	2.31E-04	7.29E-08	2.12E-08	1.65E-02	5.22E-06	1.52E-06	2.66E-04	8.41E-08	2.45E-08	1.73E-02	5.45E-06	1.59E-06	1.24E-04	3.90E-08	1.13E-08
1048	490061.24, 3859916.13	1.76E-02	5.56E-06	1.62E-06	2.32E-04	7.32E-08	2.13E-08	1.76E-02	5.57E-06	1.62E-06	2.67E-04	8.44E-08	2.46E-08	1.84E-02	5.82E-06	1.69E-06	1.24E-04	3.92E-08	1.14E-08
1049	490111.24, 3859916.13	1.72E-02	5.43E-06	1.58E-06	2.31E-04	7.28E-08	2.12E-08	1.73E-02	5.45E-06	1.58E-06	2.66E-04	8.40E-08	2.44E-08	1.80E-02	5.69E-06	1.65E-06	1.23E-04	3.90E-08	1.13E-08
1050	490161.24, 3859916.13	1.68E-02	5.32E-06	1.55E-06	2.29E-04	7.23E-08	2.10E-08	1.69E-02	5.33E-06	1.55E-06	2.64E-04	8.34E-08	2.43E-08	1.76E-02	5.56E-06	1.62E-06	1.23E-04	3.87E-08	1.12E-08
1051	490211.24, 3859916.13	1.65E-02	5.20E-06	1.51E-06	2.27E-04	7.17E-08	2.09E-08	1.65E-02	5.21E-06	1.52E-06	2.62E-04	8.27E-08	2.41E-08	1.73E-02	5.44E-06	1.58E-06	1.21E-04	3.83E-08	1.12E-08
1052	490229.25, 3859815.26	1.64E-02	5.18E-06	1.51E-06	2.34E-04	7.38E-08	2.15E-08	1.65E-02	5.20E-06	1.51E-06	2.70E-04	8.51E-08	2.48E-08	1.72E-02	5.42E-06	1.58E-06	1.25E-04	3.95E-08	1.15E-08

1053	490279.25, 3859815.26	1.61E-02	5.08E-06	1.48E-06	2.32E-04	7.31E-08	2.13E-08	1.61E-02	5.09E-06	1.48E-06	2.67E-04	8.43E-08	2.45E-08	1.68E-02	5.31E-06	1.54E-06	1.24E-04	3.91E-08	1.14E-08
1054	490329.25, 3859815.26	1.58E-02	4.97E-06	1.45E-06	2.30E-04	7.25E-08	2.11E-08	1.58E-02	4.99E-06	1.45E-06	2.65E-04	8.36E-08	2.43E-08	1.65E-02	5.20E-06	1.51E-06	1.23E-04	3.87E-08	1.13E-08
1055	490379.25, 3859815.26	1.54E-02	4.87E-06	1.42E-06	2.28E-04	7.19E-08	2.09E-08	1.55E-02	4.88E-06	1.42E-06	2.63E-04	8.30E-08	2.41E-08	1.61E-02	5.09E-06	1.48E-06	1.22E-04	3.84E-08	1.12E-08
1056	490429.25, 3859815.26	1.51E-02	4.77E-06	1.39E-06	2.27E-04	7.15E-08	2.08E-08	1.51E-02	4.78E-06	1.39E-06	2.61E-04	8.25E-08	2.40E-08	1.58E-02	4.99E-06	1.45E-06	1.21E-04	3.82E-08	1.11E-08
1057	490229.25, 3859865.26	1.64E-02	5.17E-06	1.50E-06	2.30E-04	7.27E-08	2.12E-08	1.64E-02	5.18E-06	1.51E-06	2.66E-04	8.39E-08	2.44E-08	1.71E-02	5.41E-06	1.57E-06	1.23E-04	3.89E-08	1.13E-08
1058	490279.25, 3859865.26	1.60E-02	5.06E-06	1.47E-06	2.28E-04	7.20E-08	2.10E-08	1.61E-02	5.08E-06	1.48E-06	2.63E-04	8.31E-08	2.42E-08	1.68E-02	5.30E-06	1.54E-06	1.22E-04	3.85E-08	1.12E-08
1059	490329.25, 3859865.26	1.57E-02	4.96E-06	1.44E-06	2.26E-04	7.14E-08	2.08E-08	1.57E-02	4.97E-06	1.45E-06	2.61E-04	8.23E-08	2.39E-08	1.64E-02	5.19E-06	1.51E-06	1.21E-04	3.81E-08	1.11E-08
1060	490379.25, 3859865.26	1.54E-02	4.86E-06	1.41E-06	2.24E-04	7.08E-08	2.06E-08	1.54E-02	4.87E-06	1.42E-06	2.59E-04	8.17E-08	2.38E-08	1.61E-02	5.08E-06	1.48E-06	1.20E-04	3.78E-08	1.10E-08
1061	490429.25, 3859865.26	1.51E-02	4.75E-06	1.38E-06	2.23E-04	7.03E-08	2.04E-08	1.51E-02	4.77E-06	1.39E-06	2.57E-04	8.10E-08	2.36E-08	1.58E-02	4.97E-06	1.45E-06	1.19E-04	3.75E-08	1.09E-08
1062	490229.25, 3859915.26	1.64E-02	5.16E-06	1.50E-06	2.27E-04	7.16E-08	2.08E-08	1.64E-02	5.17E-06	1.50E-06	2.62E-04	8.26E-08	2.40E-08	1.71E-02	5.40E-06	1.57E-06	1.21E-04	3.82E-08	1.11E-08
1063	490279.25, 3859915.26	1.60E-02	5.05E-06	1.47E-06	2.25E-04	7.09E-08	2.06E-08	1.60E-02	5.06E-06	1.47E-06	2.59E-04	8.18E-08	2.38E-08	1.67E-02	5.29E-06	1.54E-06	1.20E-04	3.79E-08	1.10E-08
1064	490329.25, 3859915.26	1.57E-02	4.94E-06	1.44E-06	2.23E-04	7.03E-08	2.04E-08	1.57E-02	4.96E-06	1.44E-06	2.57E-04	8.11E-08	2.36E-08	1.64E-02	5.17E-06	1.50E-06	1.19E-04	3.75E-08	1.09E-08
1065	490379.25, 3859915.26	1.53E-02	4.84E-06	1.41E-06	2.21E-04	6.97E-08	2.03E-08	1.54E-02	4.85E-06	1.41E-06	2.55E-04	8.04E-08	2.34E-08	1.60E-02	5.06E-06	1.47E-06	1.18E-04	3.72E-08	1.08E-08
1066	490429.25, 3859915.26	1.50E-02	4.74E-06	1.38E-06	2.19E-04	6.91E-08	2.01E-08	1.50E-02	4.75E-06	1.38E-06	2.53E-04	7.97E-08	2.32E-08	1.57E-02	4.96E-06	1.44E-06	1.17E-04	3.69E-08	1.07E-08
1067	490451.43, 3859872.59	1.49E-02	4.71E-06	1.37E-06	2.21E-04	6.98E-08	2.03E-08	1.50E-02	4.72E-06	1.37E-06	2.55E-04	8.06E-08	2.34E-08	1.56E-02	4.92E-06	1.43E-06	1.18E-04	3.73E-08	1.08E-08
1068	490501.43, 3859872.59	1.46E-02	4.61E-06	1.34E-06	2.20E-04	6.94E-08	2.02E-08	1.46E-02	4.62E-06	1.34E-06	2.54E-04	8.01E-08	2.33E-08	1.53E-02	4.82E-06	1.40E-06	1.17E-04	3.70E-08	1.08E-08
1069	490551.43, 3859872.59	1.43E-02	4.51E-06	1.31E-06	2.19E-04	6.92E-08	2.01E-08	1.43E-02	4.52E-06	1.32E-06	2.53E-04	7.98E-08	2.32E-08	1.49E-02	4.72E-06	1.37E-06	1.17E-04	3.69E-08	1.07E-08
1070	490601.43, 3859872.59	1.40E-02	4.41E-06	1.28E-06	2.19E-04	6.90E-08	2.01E-08	1.40E-02	4.42E-06	1.28E-06	2.52E-04	7.96E-08	2.32E-08	1.46E-02	4.61E-06	1.34E-06	1.17E-04	3.68E-08	1.07E-08
1071	490451.43, 3859922.59	1.49E-02	4.69E-06	1.36E-06	2.18E-04	6.87E-08	2.00E-08	1.49E-02	4.70E-06	1.37E-06	2.51E-04	7.93E-08	2.31E-08	1.55E-02	4.91E-06	1.43E-06	1.16E-04	3.67E-08	1.07E-08
1072	490501.43, 3859922.59	1.45E-02	4.59E-06	1.34E-06	2.16E-04	6.82E-08	1.98E-08	1.46E-02	4.60E-06	1.34E-06	2.49E-04	7.87E-08	2.29E-08	1.52E-02	4.80E-06	1.40E-06	1.15E-04	3.64E-08	1.06E-08
1073	490551.43, 3859922.59	1.42E-02	4.49E-06	1.31E-06	2.15E-04	6.79E-08	1.97E-08	1.43E-02	4.50E-06	1.31E-06	2.48E-04	7.83E-08	2.28E-08	1.49E-02	4.70E-06	1.37E-06	1.15E-04	3.62E-08	1.05E-08
1074	490601.43, 3859922.59	1.39E-02	4.40E-06	1.28E-06	2.14E-04	6.76E-08	1.97E-08	1.40E-02	4.41E-06	1.28E-06	2.47E-04	7.80E-08	2.27E-08	1.46E-02	4.60E-06	1.34E-06	1.14E-04	3.60E-08	1.05E-08
1075	482129.67, 3852241.07	6.14E-04	1.94E-07	5.64E-08	1.35E-04	4.26E-08	1.24E-08	6.37E-04	2.01E-07	5.85E-08	1.56E-04	4.94E-08	1.44E-08	5.64E-04	1.78E-07	5.18E-08	7.05E-05	2.23E-08	6.47E-09
1076	482029.67, 3852291.07	6.35E-04	2.00E-07	5.83E-08	1.35E-04	4.27E-08	1.24E-08	6.58E-04	2.08E-07	6.04E-08	1.57E-04	4.95E-08	1.44E-08	5.85E-04	1.85E-07	5.37E-08	7.07E-05	2.23E-08	6.49E-09
1077	482079.67, 3852291.07	6.33E-04	2.00E-07	5.81E-08	1.37E-04	4.32E-08	1.26E-08	6.57E-04	2.07E-07	6.03E-08	1.58E-04	5.00E-08	1.45E-08	5.83E-04	1.84E-07	5.35E-08	7.14E-05	2.25E-08	6.56E-09
1078	482129.67, 3852291.07	6.29E-04	1.99E-07	5.78E-08	1.38E-04	4.35E-08	1.26E-08	6.53E-04	2.06E-07	5.99E-08	1.59E-04	5.03E-08	1.46E-08	5.78E-04	1.83E-07	5.31E-08	7.18E-05	2.27E-08	6.60E-09
1079	482179.67, 3852291.07	6.23E-04	1.97E-07	5.72E-08	1.38E-04	4.36E-08	1.27E-08	6.46E-04	2.04E-07	5.93E-08	1.60E-04	5.04E-08	1.47E-08	5.71E-04	1.80E-07	5.24E-08	7.20E-05	2.27E-08	6.61E-09
1080	482229.67, 3852291.07	6.12E-04	1.93E-07	5.62E-08	1.38E-04	4.35E-08	1.27E-08	6.36E-04	2.01E-07	5.84E-08	1.60E-04	5.04E-08	1.47E-08	5.60E-04	1.77E-07	5.14E-08	7.20E-05	2.27E-08	6.61E-09
1081	482029.67, 3852341.07	6.49E-04	2.05E-07	5.96E-08	1.36E-04	4.30E-08	1.25E-08	6.73E-04	2.12E-07	6.18E-08	1.58E-04	4.97E-08	1.45E-08	6.00E-04	1.90E-07	5.51E-08	7.10E-05	2.24E-08	6.52E-09
1082	482079.67, 3852341.07	6.48E-04	2.04E-07	5.95E-08	1.38E-04	4.36E-08	1.27E-08	6.71E-04	2.12E-07	6.16E-08	1.60E-04	5.05E-08	1.47E-08	5.97E-04	1.89E-07	5.48E-08	7.21E-05	2.28E-08	6.62E-09
1083	482129.67, 3852341.07	6.46E-04	2.04E-07	5.93E-08	1.40E-04	4.41E-08	1.28E-08	6.70E-04	2.11E-07	6.15E-08	1.62E-04	5.10E-08	1.48E-08	5.94E-04	1.88E-07	5.46E-08	7.29E-05	2.30E-08	6.69E-09
1084	482179.67, 3852341.07	6.41E-04	2.02E-07	5.88E-08	1.41E-04	4.44E-08	1.29E-08	6.65E-04	2.10E-07	6.10E-08	1.63E-04	5.14E-08	1.49E-08	5.89E-04	1.86E-07	5.40E-08	7.34E-05	2.32E-08	6.74E-09
1085	482259.06, 3852400.14	6.64E-04	2.09E-07	6.09E-08	1.44E-04	4.53E-08	1.32E-08	6.88E-04	2.17E-07	6.32E-08	1.66E-04	5.25E-08	1.53E-08	6.11E-04	1.93E-07	5.61E-08	7.50E-05	2.37E-08	6.88E-09
1086	482309.06, 3852400.14	6.50E-04	2.05E-07	5.97E-08	1.44E-04	4.56E-08	1.33E-08	6.75E-04	2.13E-07	6.20E-08	1.67E-04	5.27E-08	1.53E-08	5.96E-04	1.88E-07	5.47E-08	7.53E-05	2.38E-08	6.91E-09
1087	482209.06, 3852450.14	6.82E-04	2.15E-07	6.26E-08	1.45E-04	4.57E-08	1.33E-08	7.07E-04	2.23E-07	6.49E-08	1.68E-04	5.29E-08	1.54E-08	6.30E-04	1.99E-07	5.78E-08	7.56E-05	2.39E-08	6.94E-09
1088	482259.06, 3852450.14	6.80E-04	2.15E-07	6.24E-08	1.46E-04	4.61E-08	1.34E-08	7.05E-04	2.22E-07	6.47E-08	1.69E-04	5.34E-08	1.55E-08	6.26E-04	1.98E-07	5.75E-08	7.63E-05	2.41E-08	7.00E-09
1089	482309.06, 3852450.14	6.70E-04	2.12E-07	6.16E-08	1.47E-04	4.65E-08	1.35E-08	6.96E-04	2.20E-07	6.39E-08	1.71E-04	5.39E-08	1.57E-08	6.16E-04	1.94E-07	5.65E-08	7.69E-05	2.43E-08	7.06E-09
1090	482209.06, 3852500.14	6.97E-04	2.20E-07	6.39E-08	1.46E-04	4.61E-08	1.34E-08	7.22E-04	2.28E-07	6.62E-08	1.69E-04	5.34E-08	1.55E-08	6.44E-04	2.03E-07	5.91E-08	7.62E-05	2.41E-08	7.00E-09
1091	482259.06, 3852500.14	6.95E-04	2.19E-07	6.38E-08	1.48E-04	4.68E-08	1.36E-08	7.20E-04	2.27E-07	6.61E-08	1.72E-04	5.42E-08	1.58E-08	6.41E-04	2.02E-07	5.88E-08	7.74E-05	2.44E-08	7.10E-09
1092	482309.06, 3852500.14	6.90E-04	2.18E-07	6.33E-08	1.50E-04	4.73E-08	1.38E-08	7.16E-04	2.26E-07	6.57E-08	1.74E-04	5.48E-08	1.59E-08	6.35E-04	2.00E-07	5.83E-08	7.82E-05	2.47E-08	7.18E-09
1093	482283.91, 3852513.62	6.98E-04	2.20E-07	6.41E-08	1.50E-04	4.72E-08	1.37E-08	7.23E-04	2.28E-07	6.64E-08	1.73E-04	5.47E-08	1.59E-08	6.43E-04	2.03E-07	5.90E-08	7.81E-05	2.46E-08	7.17E-09
1094	482333.91, 3852513.62	6.93E-04	2.19E-07	6.37E-08	1.51E-04	4.76E-08	1.39E-08	7.19E-04	2.27E-07	6.60E-08	1.75E-04	5.52E-08	1.60E-08	6.38E-04	2.01E-07	5.86E-08	7.88E-05	2.49E-08	7.23E-09
1095	482283.91, 3852563.62	7.15E-04	2.26E-07	6.56E-08	1.51E-04	4.76E-08	1.38E-08	7.41E-04	2.34E-07	6.80E-08	1.75E-04	5.51E-08	1.60E-08	6.61E-04	2.08E-07	6.06E-08	7.87E-05	2.48E-08	7.22E-09
1096	482333.91, 3852563.62	7.14E-04	2.25E-07	6.56E-08	1.53E-04	4.82E-08	1.40E-08	7.41E-04	2.34E-07	6.80E-08	1.77E-04	5.58E-08	1.62E-08	6.59E-04	2.08E-07	6.05E-08	7.97E-05	2.52E-08	7.32E-09
1097	482383.91, 3852563.62	7.12E-04	2.25E-07	6.54E-08	1.54E-04	4.86E-08	1.41E-08	7.39E-04	2.33E-07	6.78E-08	1.78E-04	5.63E-08	1.64E-08	6.56E-04	2.07E-07	6.02E-08	8.04E-05	2.54E-08	7.38E-09
1098	482283.91, 3852613.62	7.28E-04	2.30E-07	6.68E-08	1.52E-04	4.80E-08	1.40E-08	7.54E-04	2.38E-07	6.92E-08	1.76E-04	5.55E-08	1.62E-08	6.73E-04	2.12E-07	6.18E-08	7.93E-05	2.50E-08	7.28E-09
1099	482333.91, 3852613.62	7.30E-04	2.30E-07	6.70E-08	1.54E-04	4.87E-08	1.42E-08	7.57E-04	2.39E-07	6.95E-08	1.79E-04	5.64E-08	1.64E-08	6.74E-04	2.13E-07	6.19E-08	8.06E-05	2.54E-08	7.40E-09
1100	482383.91, 3852613.62	7.32E-04	2.31E-07	6.72E-08	1.56E-04	4.93E-08	1.43E-08	7.58E-04	2.39E-07	6.96E-08	1.81E-04	5.70E-08	1.66E-08	6.75E-04	2.13E-07	6.20E-08	8.14E-05	2.57E-08	7.48E-09
1101	482602.38, 3852600.87	6.88E-04	2.17E-07	6.31E-08	1.56E-04	4.92E-08	1.43E-08	7.14E-04	2.25E-07	6.56E-08	1.81E-04	5.70E-08	1.66E-08	6.29E-04	1.98E-07	5.77E-08	8.14E-05	2.57E-08	7.47E-09
1102	482652.38, 3852600.87	6.80E-04	2.15E-07	6.24E-08	1.54E-04	4.87E-08	1.42E-08	7.06E-04	2.23E-07	6.49E-08	1.79E-04	5.63E-08	1.64E-08	6.22E-04	1.96E-07	5.71E-08	8.05E-05	2.54E-08	7.39E-09
1103	482702.38, 3852600.87	6.58E-04	2.08E-07	6.04E-08	1.52E-04	4.81E-08	1.40E-08	6.84E-04	2.16E-07	6.28E-08	1.76E-04	5.57E-08	1.62E-08	5.99E-04	1.89E-07	5.50E-08	7.95E-05	2.51E-08	7.30E-09
1104	482552.38, 3852650.87	7.23E-04	2.28E-07	6.64E-08	1.61E-04	5.09E-08	1.48E-08	7.51E-04	2.37E-07	6.89E-08	1.87E-04	5.89E-08	1.71E-08	6.63E-04	2.09E-07	6.09E-08	8.41E-05	2.66E-08	7.72E-09
1105	482602.38, 3852650.87	7.15E-04	2.26E-07	6.56E-08	1.61E-04	5.07E-08	1.47E-08	7.42E-04	2.34E-07	6.81E-08	1.86E-04	5.87E-08	1.71E-08	6.54E-04	2.06E-07	6.01E-08	8.38E-05	2.65E-08	7.69E-09
1106	482652.38, 3852650.87	7.08E-04	2.23E-07	6.50E-08	1.59E-04	5.03E-08	1.46E-08	7.35E-04	2.32E-07	6.75E-08	1.84E-04	5.82E-08	1.69E-08	6.48E-04	2.04E-07	5.95E-08	8.31E-05	2.62E-08	7.63E-09
1107	482702.38, 3852650.87	6.99E-04	2.21E-07	6.42E-08	1.57E-04	4.97E-08	1.45E-08	7.26E-04	2.29E-07	6.66E-08	1.82E-04	5.75E-08	1.67E-08	6.40E-04	2.02E-07	5.87E-08	8.22E-05	2.59E-08	7.54E-09
1108	482552.38, 3852700.87	7.46E-04	2.35E-07	6.85E-08	1.65E-04	5.21E-08	1.52E-08	7.74E-04	2.44E-07	7.11E-08	1.91E-04	6.03E-08	1.75E-08	6.84E-04	2.16E-07	6.28E-08	8.61E-05	2.72E-08	7.91E-09
1109	482602.38, 3852700.87	7.41E-04	2.34E-07	6.81E-08	1.65E-04	5.20E-08	1.51E-08	7.70E-04	2.43E-07	7.07E-08	1.91E-04	6.02E-08	1.75E-08	6.80E-04	2.15E-07	6.24E-08	8.60E-05	2.71E-08	7.90E-09
1110	482652.38, 3852700.87	7.43E-04	2.34E-07	6.82E-08	1.63E-04	5.16E-08	1.50E-08	7.71E-04	2.43E-07	7.08E-08	1.89E-04	5.97E-08	1.74E-08	6.82E-04	2.15E-07	6.26E-08	8.52E-05	2.69E-08	7.83E-09
1111	482702.38, 3852700.87	7.33E-04	2.31E-07	6.73E-08	1.62E-04	5.12E-08	1.49E-08	7.61E-04	2.40E-07	6.98E-08	1.88E-04	5.93E-08	1.72E-08	6.72E-04	2.12E-07	6.17E-08	8.47E-05	2.67E-08	7.77E-09
1112	482452.38, 3852750.87	7.73E-04	2.44E-07	7.10E-08	1.64E-04	5.18E-08	1.51E-08	8.01E-04	2.53E-07	7.36E-08	1.90E-04	6.00E-08	1.74E-08	7.14E-04	2.25E-07	6.55E-08	8.57E-05	2.70E-08	7.86E-09
1113	482521.29, 3852749.74	7.71E-04	2.43E-07	7.07E-08	1.67E-04	5.28E-08	1.54E-08	7.99E-04	2.52E-07	7.34E-08	1.94E-04	6.11E-08	1.78E-08	7.09E-04	2.24E-07	6.51E-08	8.72E-05	2.75E-08	8.01E-09
1114	482571.29, 3852749.74	7.67E-04	2.42E-07	7.04E-08	1.68E-04	5.31E-08	1.55E-08	7.96E-04	2.51E-07	7.31E-08	1.95E-04	6.15E-08	1.79E-08	7.05E-04	2.22E-07	6.47E-08	8.78E-05	2.77E-08	8.06E-09
1115	482521.29, 3852799.74	7.91E-04	2.50E-07	7.26E-08	1.69E-04	5.34E-08	1.55E-08	8.20E-04	2.59E-07	7.53E-08	1.96E-04	6.18E-08	1.80E-08	7.30E-04	2.30E-07	6.70E-08	8.82E-05	2.78E-08	8.10E-09
1116	482571.29, 3852799.74	7.89E-04	2.49E-07	7.25E-08	1.71E-04	5.40E-08	1.57E-08	8.19E-04	2.58E-07	7.52E-08	1.98E-04	6.25E-08	1.82E-08	7.27E-04	2.29E-07	6.67E-08	8.92E-05	2.82E-08	8.19E-09
1117	482621.29, 3852799.74	7.86E-04	2.48E-07	7.21E-08	1.72E-04	5.43E-08	1.58E-08	8.15E-04	2.57E-07	7.48E-08	1.99E-04	6.29E-08	1.83E-08	7.22E-04	2.28E-07	6.63E-08	8.98E-05	2.83E-08	8.25E-09
1118	482571.29, 3852849.74	8.07E-04	2.55E-07	7.41E-08	1.73E-04	5.47E-08	1.59E-08	8.37E-04	2.64E-07	7.68E-08	2.01E-04	6.34E-08	1.84E-08	7.44E-04	2.35E-07	6.83E-08	9.05E-05	2.86E-08	8.31E-09

1119 482621.29, 3852849.74	8.03E-04	2.54E-07	7.37E-08	1.76E-04	5.54E-08	1.61E-08	8.33E-04	2.63E-07	7.65E-08	2.03E-04	6.42E-08	1.87E-08	7.38E-04	2.33E-07	6.78E-08	9.16E-05	2.89E-08	8.41E-09
1120 482577.42, 3852901.55	8.23E-04	2.60E-07	7.56E-08	1.76E-04	5.55E-08	1.61E-08	8.54E-04	2.69E-07	7.84E-08	2.03E-04	6.42E-08	1.87E-08	7.60E-04	2.40E-07	6.97E-08	9.17E-05	2.89E-08	8.41E-09
1121 482627.42, 3852901.55	8.20E-04	2.59E-07	7.53E-08	1.79E-04	5.65E-08	1.64E-08	8.51E-04	2.69E-07	7.81E-08	2.07E-04	6.54E-08	1.90E-08	7.54E-04	2.38E-07	6.93E-08	9.33E-05	2.95E-08	8.57E-09
1122 482629.96, 3852955.85	8.40E-04	2.65E-07	7.71E-08	1.81E-04	5.71E-08	1.66E-08	8.71E-04	2.75E-07	8.00E-08	2.09E-04	6.61E-08	1.92E-08	7.74E-04	2.44E-07	7.11E-08	9.44E-05	2.98E-08	8.67E-09
1123 482679.96, 3852955.85	8.37E-04	2.64E-07	7.69E-08	1.84E-04	5.82E-08	1.69E-08	8.69E-04	2.74E-07	7.98E-08	2.13E-04	6.73E-08	1.96E-08	7.69E-04	2.43E-07	7.06E-08	9.61E-05	3.03E-08	8.82E-09
1124 482781.63, 3853034.48	8.58E-04	2.71E-07	7.88E-08	1.94E-04	6.13E-08	1.78E-08	8.91E-04	2.81E-07	8.18E-08	2.25E-04	7.09E-08	2.06E-08	7.85E-04	2.48E-07	7.20E-08	1.01E-04	3.20E-08	9.30E-09
1125 482831.63, 3853034.48	8.51E-04	2.68E-07	7.81E-08	1.96E-04	6.19E-08	1.80E-08	8.84E-04	2.79E-07	8.12E-08	2.27E-04	7.16E-08	2.08E-08	7.76E-04	2.45E-07	7.12E-08	1.02E-04	3.23E-08	9.39E-09
1126 482881.63, 3853034.48	8.42E-04	2.66E-07	7.73E-08	1.97E-04	6.21E-08	1.80E-08	8.76E-04	2.77E-07	8.04E-08	2.28E-04	7.18E-08	2.09E-08	7.67E-04	2.42E-07	7.04E-08	1.03E-04	3.24E-08	9.41E-09
1127 482781.63, 3853084.48	8.80E-04	2.78E-07	8.08E-08	1.97E-04	6.21E-08	1.81E-08	9.14E-04	2.88E-07	8.39E-08	2.28E-04	7.19E-08	2.09E-08	8.06E-04	2.54E-07	7.40E-08	1.03E-04	3.24E-08	9.42E-09
1128 482831.63, 3853084.48	8.74E-04	2.76E-07	8.02E-08	2.00E-04	6.31E-08	1.84E-08	9.08E-04	2.87E-07	8.34E-08	2.31E-04	7.31E-08	2.12E-08	7.98E-04	2.52E-07	7.32E-08	1.04E-04	3.29E-08	9.57E-09
1129 482881.63, 3853084.48	8.67E-04	2.74E-07	7.96E-08	2.02E-04	6.36E-08	1.85E-08	9.02E-04	2.85E-07	8.28E-08	2.33E-04	7.37E-08	2.14E-08	7.90E-04	2.49E-07	7.25E-08	1.05E-04	3.32E-08	9.66E-09
1130 482781.63, 3853134.48	9.03E-04	2.85E-07	8.29E-08	1.98E-04	6.25E-08	1.82E-08	9.37E-04	2.96E-07	8.60E-08	2.29E-04	7.24E-08	2.11E-08	8.30E-04	2.62E-07	7.62E-08	1.03E-04	3.26E-08	9.49E-09
1131 482831.63, 3853134.48	8.98E-04	2.84E-07	8.25E-08	2.03E-04	6.39E-08	1.86E-08	9.33E-04	2.95E-07	8.57E-08	2.34E-04	7.40E-08	2.15E-08	8.22E-04	2.60E-07	7.55E-08	1.06E-04	3.33E-08	9.70E-09
1132 482881.63, 3853134.48	8.95E-04	2.82E-07	8.22E-08	2.05E-04	6.48E-08	1.89E-08	9.30E-04	2.94E-07	8.54E-08	2.38E-04	7.51E-08	2.18E-08	8.17E-04	2.58E-07	7.50E-08	1.07E-04	3.38E-08	9.84E-09
1133 482831.63, 3853184.48	9.22E-04	2.91E-07	8.47E-08	2.04E-04	6.44E-08	1.87E-08	9.57E-04	3.02E-07	8.79E-08	2.36E-04	7.46E-08	2.17E-08	8.47E-04	2.67E-07	7.77E-08	1.06E-04	3.36E-08	9.77E-09
1134 482881.63, 3853184.48	9.21E-04	2.91E-07	8.45E-08	2.08E-04	6.57E-08	1.91E-08	9.56E-04	3.02E-07	8.78E-08	2.41E-04	7.61E-08	2.21E-08	8.42E-04	2.66E-07	7.73E-08	1.09E-04	3.43E-08	9.97E-09
1135 484154.84, 3854250.98	1.16E-03	3.67E-07	1.07E-07	4.13E-04	1.30E-07	3.79E-08	1.23E-03	3.89E-07	1.13E-07	4.78E-04	1.51E-07	4.39E-08	9.71E-04	3.06E-07	8.91E-08	2.15E-04	6.80E-08	1.98E-08
1136 484204.84, 3854250.98	1.15E-03	3.62E-07	1.05E-07	3.97E-04	1.25E-07	3.65E-08	1.21E-03	3.83E-07	1.11E-07	4.60E-04	1.45E-07	4.22E-08	9.62E-04	3.04E-07	8.83E-08	2.07E-04	6.55E-08	1.90E-08
1137 484154.84, 3854300.98	1.19E-03	3.77E-07	1.10E-07	4.21E-04	1.33E-07	3.87E-08	1.27E-03	3.99E-07	1.16E-07	4.88E-04	1.54E-07	4.48E-08	9.97E-04	3.15E-07	9.15E-08	2.20E-04	6.94E-08	2.02E-08
1138 484204.84, 3854300.98	1.19E-03	3.75E-07	1.09E-07	4.11E-04	1.30E-07	3.77E-08	1.26E-03	3.98E-07	1.16E-07	4.76E-04	1.50E-07	4.37E-08	9.99E-04	3.15E-07	9.17E-08	2.15E-04	6.77E-08	1.97E-08
1139 484074.19, 3854519.8	1.54E-03	4.85E-07	1.41E-07	4.88E-04	1.54E-07	4.48E-08	1.62E-03	5.12E-07	1.49E-07	5.64E-04	1.78E-07	5.18E-08	1.32E-03	4.16E-07	1.21E-07	2.55E-04	8.05E-08	2.34E-08
1140 484124.19, 3854519.8	1.52E-03	4.80E-07	1.40E-07	4.83E-04	1.52E-07	4.43E-08	1.60E-03	5.06E-07	1.47E-07	5.58E-04	1.76E-07	5.13E-08	1.30E-03	4.12E-07	1.20E-07	2.52E-04	7.97E-08	2.32E-08
1141 484074.19, 3854569.8	1.65E-03	5.22E-07	1.52E-07	4.99E-04	1.57E-07	4.58E-08	1.74E-03	5.49E-07	1.60E-07	5.77E-04	1.82E-07	5.30E-08	1.43E-03	4.52E-07	1.31E-07	2.61E-04	8.24E-08	2.40E-08
1142 484124.19, 3854569.8	1.62E-03	5.11E-07	1.49E-07	4.87E-04	1.54E-07	4.47E-08	1.70E-03	5.38E-07	1.56E-07	5.63E-04	1.78E-07	5.17E-08	1.41E-03	4.43E-07	1.29E-07	2.55E-04	8.04E-08	2.34E-08
1143 485205.11, 3855188.89	1.10E-02	3.47E-06	1.01E-06	7.27E-03	2.30E-06	6.68E-07	1.22E-02	3.86E-06	1.12E-06	8.42E-03	2.66E-06	7.73E-07	7.12E-03	2.25E-06	6.54E-07	3.78E-03	1.19E-06	3.47E-07
1144 485255.11, 3855188.89	9.98E-03	3.15E-06	9.17E-07	6.44E-03	2.03E-06	5.92E-07	1.11E-02	3.50E-06	1.02E-06	7.46E-03	2.36E-06	6.85E-07	6.58E-03	2.08E-06	6.04E-07	3.35E-03	1.06E-06	3.07E-07
1145 485205.11, 3855238.89	1.27E-02	4.02E-06	1.17E-06	8.74E-03	2.76E-06	8.02E-07	1.42E-02	4.50E-06	1.31E-06	1.01E-02	3.19E-06	9.29E-07	8.07E-03	2.55E-06	7.41E-07	4.54E-03	1.43E-06	4.17E-07
1146 485255.11, 3855238.89	1.18E-02	3.73E-06	1.09E-06	7.95E-03	2.51E-06	7.30E-07	1.32E-02	4.17E-06	1.21E-06	9.21E-03	2.91E-06	8.45E-07	7.60E-03	2.40E-06	6.98E-07	4.13E-03	1.30E-06	3.79E-07
1147 485205.11, 3855288.89	1.63E-02	5.15E-06	1.50E-06	1.17E-02	3.70E-06	1.08E-06	1.84E-02	5.79E-06	1.69E-06	1.36E-02	4.29E-06	1.25E-06	1.00E-02	3.16E-06	9.20E-07	6.10E-03	1.92E-06	5.60E-07
1148 485255.11, 3855288.89	1.46E-02	4.61E-06	1.34E-06	1.02E-02	3.23E-06	9.39E-07	1.64E-02	5.17E-06	1.50E-06	1.18E-02	3.74E-06	1.09E-06	9.14E-03	2.88E-06	8.39E-07	5.31E-03	1.68E-06	4.88E-07
1149 485255.11, 3855338.89	1.82E-02	5.73E-06	1.67E-06	1.32E-02	4.15E-06	1.21E-06	2.04E-02	6.45E-06	1.88E-06	1.52E-02	4.81E-06	1.40E-06	1.11E-02	3.49E-06	1.02E-06	6.84E-03	2.16E-06	6.28E-07
1150 485305.11, 3855338.89	1.61E-02	5.08E-06	1.48E-06	1.14E-02	3.59E-06	1.05E-06	1.81E-02	5.70E-06	1.66E-06	1.32E-02	4.16E-06	1.21E-06	1.00E-02	3.15E-06	9.18E-07	5.92E-03	1.87E-06	5.43E-07
1151 485852.5, 3855635.28	1.55E-02	4.88E-06	1.42E-06	1.00E-02	3.17E-06	9.21E-07	1.72E-02	5.43E-06	1.58E-06	1.16E-02	3.67E-06	1.07E-06	1.02E-02	3.20E-06	9.32E-07	5.21E-03	1.65E-06	4.79E-07
1152 485902.5, 3855635.28	1.44E-02	4.54E-06	1.32E-06	9.17E-03	2.89E-06	8.41E-07	1.60E-02	5.04E-06	1.47E-06	1.06E-02	3.35E-06	9.75E-07	9.56E-03	3.02E-06	8.77E-07	4.76E-03	1.50E-06	4.37E-07
1153 485852.5, 3855685.28	1.70E-02	5.36E-06	1.56E-06	1.12E-02	3.53E-06	1.03E-06	1.89E-02	5.97E-06	1.74E-06	1.30E-02	4.09E-06	1.19E-06	1.11E-02	3.49E-06	1.01E-06	5.81E-03	1.83E-06	5.34E-07
1154 485902.5, 3855685.28	1.57E-02	4.96E-06	1.44E-06	1.02E-02	3.20E-06	9.32E-07	1.75E-02	5.52E-06	1.60E-06	1.18E-02	3.71E-06	1.08E-06	1.04E-02	3.27E-06	9.51E-07	5.28E-03	1.67E-06	4.84E-07
1155 485852.5, 3855735.28	1.88E-02	5.93E-06	1.72E-06	1.26E-02	3.96E-06	1.15E-06	2.09E-02	6.61E-06	1.92E-06	1.45E-02	4.59E-06	1.34E-06	1.21E-02	3.82E-06	1.11E-06	6.53E-03	2.06E-06	5.99E-07
1156 485902.5, 3855735.28	1.74E-02	5.50E-06	1.60E-06	1.14E-02	3.60E-06	1.05E-06	1.94E-02	6.12E-06	1.78E-06	1.32E-02	4.17E-06	1.21E-06	1.14E-02	3.59E-06	1.04E-06	5.94E-03	1.87E-06	5.45E-07
1157 485852.5, 3855785.28	2.12E-02	6.68E-06	1.94E-06	1.44E-02	4.55E-06	1.32E-06	2.36E-02	7.46E-06	2.17E-06	1.67E-02	5.27E-06	1.53E-06	1.35E-02	4.25E-06	1.24E-06	7.49E-03	2.36E-06	6.88E-07
1158 485902.5, 3855785.28	1.91E-02	6.04E-06	1.76E-06	1.27E-02	4.02E-06	1.17E-06	2.13E-02	6.74E-06	1.96E-06	1.48E-02	4.66E-06	1.36E-06	1.24E-02	3.90E-06	1.14E-06	6.63E-03	2.09E-06	6.08E-07
1159 486809.46, 3856465.28	1.94E-02	6.12E-06	1.78E-06	1.13E-02	3.57E-06	1.04E-06	2.13E-02	6.73E-06	1.96E-06	1.31E-02	4.14E-06	1.20E-06	1.35E-02	4.26E-06	1.24E-06	5.89E-03	1.86E-06	5.40E-07
1160 486859.46, 3856465.28	1.86E-02	5.87E-06	1.71E-06	1.07E-02	3.37E-06	9.80E-07	2.04E-02	6.45E-06	1.88E-06	1.24E-02	3.90E-06	1.14E-06	1.31E-02	4.13E-06	1.20E-06	5.55E-03	1.75E-06	5.09E-07
1161 486909.46, 3856465.28	1.79E-02	5.64E-06	1.64E-06	1.01E-02	3.18E-06	9.25E-07	1.96E-02	6.18E-06	1.80E-06	1.17E-02	3.68E-06	1.07E-06	1.27E-02	3.99E-06	1.16E-06	5.23E-03	1.65E-06	4.81E-07
1162 486809.46, 3856515.28	2.08E-02	6.57E-06	1.91E-06	1.24E-02	3.91E-06	1.14E-06	2.29E-02	7.24E-06	2.11E-06	1.43E-02	4.53E-06	1.32E-06	1.43E-02	4.53E-06	1.32E-06	6.44E-03	2.03E-06	5.91E-07
1163 486859.46, 3856515.28	1.99E-02	6.29E-06	1.83E-06	1.16E-02	3.67E-06	1.07E-06	2.19E-02	6.92E-06	2.01E-06	1.35E-02	4.25E-06	1.24E-06	1.39E-02	4.38E-06	1.27E-06	6.04E-03	1.91E-06	5.54E-07
1164 486909.46, 3856515.28	1.91E-02	6.02E-06	1.75E-06	1.09E-02	3.45E-06	1.00E-06	2.10E-02	6.61E-06	1.92E-06	1.26E-02	3.99E-06	1.16E-06	1.34E-02	4.23E-06	1.23E-06	5.67E-03	1.79E-06	5.21E-07
1165 486980.94, 3856357.95	1.51E-02	4.77E-06	1.39E-06	8.13E-03	2.57E-06	7.46E-07	1.65E-02	5.21E-06	1.52E-06	9.41E-03	2.97E-06	8.64E-07	1.10E-02	3.46E-06	1.01E-06	4.22E-03	1.33E-06	3.88E-07
1166 487030.94, 3856357.95	1.47E-02	4.64E-06	1.35E-06	7.79E-03	2.46E-06	7.15E-07	1.60E-02	5.06E-06	1.47E-06	9.02E-03	2.85E-06	8.28E-07	1.07E-02	3.38E-06	9.84E-07	4.05E-03	1.28E-06	3.72E-07
1167 486980.94, 3856407.95	1.60E-02	5.04E-06	1.47E-06	8.67E-03	2.74E-06	7.96E-07	1.75E-02	5.51E-06	1.60E-06	1.00E-02	3.17E-06	9.22E-07	1.15E-02	3.64E-06	1.06E-06	4.51E-03	1.42E-06	4.14E-07
1168 487030.94, 3856407.95	1.55E-02	4.88E-06	1.42E-06	8.28E-03	2.61E-06	7.60E-07	1.69E-02	5.33E-06	1.55E-06	9.59E-03	3.03E-06	8.81E-07	1.12E-02	3.55E-06	1.03E-06	4.31E-03	1.36E-06	3.95E-07
1169 487447.18, 3856437.45	1.29E-02	4.06E-06	1.18E-06	6.20E-03	1.96E-06	5.69E-07	1.39E-02	4.40E-06	1.28E-06	7.18E-03	2.26E-06	6.59E-07	9.77E-03	3.08E-06	8.97E-07	3.22E-03	1.02E-06	2.96E-07
1170 487497.18, 3856437.45	1.26E-02	3.98E-06	1.16E-06	5.99E-03	1.89E-06	5.50E-07	1.36E-02	4.30E-06	1.25E-06	6.94E-03	2.19E-06	6.37E-07	9.62E-03	3.03E-06	8.83E-07	3.11E-03	9.83E-07	2.86E-07
1171 487547.18, 3856437.45	1.24E-02	3.90E-06	1.13E-06	5.80E-03	1.83E-06	5.32E-07	1.34E-02	4.22E-06	1.23E-06	6.71E-03	2.12E-06	6.16E-07	9.47E-03	2.99E-06	8.70E-07	3.01E-03	9.51E-07	2.77E-07
1172 487447.18, 3856487.45	1.34E-02	4.22E-06	1.23E-06	6.47E-03	2.04E-06	5.94E-07	1.45E-02	4.58E-06	1.33E-06	7.50E-03	2.37E-06	6.88E-07	1.01E-02	3.20E-06	9.31E-07	3.36E-03	1.06E-06	3.09E-07
1173 487497.18, 3856487.45	1.31E-02	4.13E-06	1.20E-06	6.24E-03	1.97E-06	5.73E-07	1.42E-02	4.47E-06	1.30E-06	7.23E-03	2.28E-06	6.64E-07	9.96E-03	3.14E-06	9.15E-07	3.25E-03	1.02E-06	2.98E-07
1174 487547.18, 3856487.45	1.28E-02	4.05E-06	1.18E-06	6.05E-03	1.91E-06	5.55E-07	1.39E-02	4.38E-06	1.27E-06	7.01E-03	2.21E-06	6.43E-07	9.82E-03	3.10E-06	9.01E-07	3.15E-03	9.93E-07	2.89E-07
1175 487447.18, 3856537.45	1.39E-02	4.40E-06	1.28E-06	6.78E-03	2.14E-06	6.23E-07	1.51E-02	4.76E-06	1.39E-06	7.85E-03	2.48E-06	7.21E-07	1.05E-02	3.32E-06	9.66E-07	3.53E-03	1.11E-06	3.24E-07
1176 487497.18, 3856537.45	1.36E-02	4.29E-06	1.25E-06	6.52E-03	2.06E-06	5.99E-07	1.47E-02	4.64E-06	1.35E-06	7.56E-03	2.39E-06	6.94E-07	1.03E-02	3.26E-06	9.48E-07	3.39E-03	1.07E-06	3.11E-07
1177 487547.18, 3856537.45	1.33E-02	4.20E-06	1.22E-06	6.29E-03	1.98E-06	5.77E-07	1.44E-02	4.54E-06	1.32E-06	7.28E-03	2.30E-06	6.69E-07	1.02E-02	3.21E-06	9.33E-07	3.27E-03	1.03E-06	3.00E-07
1178 489285.89, 3858826.54	2.18E-02	6.87E-06	2.00E-06	4.00E-04	1.26E-07	3.67E-08	2.18E-02	6.89E-06	2.01E-06	4.62E-04	1.46E-07	4.24E-08	2.27E-02	7.17E-06	2.09E-06	2.13E-04	6.72E-08	1.95E-08
1179 489335.89, 3858826.54	2.12E-02	6.69E-06	1.95E-06	3.98E-04	1.26E-07	3.66E-08	2.13E-02	6.71E-06	1.95E-06	4.60E-04	1.45E-07	4.22E-08	2.21E-02	6.98E-06	2.03E-06	2.12E-04	6.69E-08	1.95E-08
1180 489385.89, 3858826.54	2.06E-02	6.51E-06	1.89E-06	3.97E-04	1.25E-07	3.65E-08	2.07E-02	6.53E-06	1.90E-06	4.59E-04	1.45E-07	4.21E-08	2.15E-02	6.79E-06	1.97E-06	2.12E-04	6.68E-08	1.94E-08
1181 489435.89, 3858826.54	2.01E-02	6.34E-06	1.85E-06	3.97E-04	1.25E-07	3.64E-08	2.02E-02	6.36E-06	1.85E-06	4.58E-04	1.45E-07	4.20E-08	2.10E-02	6.61E-06	1.92E-06	2.11E-04	6.67E-08	1.94E-08
1182 489485.89, 3858826.54	1.96E-02	6.19E-06	1.80E-06	3.96E-04	1.25E-07	3.64E-08	1.97E-02	6.21E-06	1.81E-06	4.58E-04	1.44E-07	4.20E-08	2.04E-02	6.45E-06	1.88E-06	2.11E-04	6.66E-08	1.94E-08
1183 489535.89, 3858826.54	1.91E-02	6.04E-06	1.76E-06	3.97E-04	1.25E-07	3.64E-08	1.92E-02	6.06E-06	1.76E-06	4.58E-04	1.44E-07	4.20E-08	1.99E-02	6.29E-06	1.83E-06	2.11E-04	6.67E-08	1.94E-08
1184 489585.89, 3858826.54	1.87E-02	5.90E-06	1.72E-06	3.97E-04	1.25E-07	3.65E-08	1.88E-02	5.92E-06	1.72E-06	4.58E-04	1.45E-07	4.21E-08	1.95E-02	6.14E-06	1.79E-06	2.11E-04	6.67E-08	1.94E-08

1185	489635.89, 3858826.54	1.82E-02	5.76E-06	1.67E-06	3.98E-04	1.26E-07	3.65E-08	1.83E-02	5.78E-06	1.68E-06	4.59E-04	1.45E-07	4.22E-08	1.90E-02	5.99E-06	1.74E-06	2.12E-04	6.69E-08	1.95E-08
1186	489685.89, 3858826.54	1.78E-02	5.62E-06	1.64E-06	3.99E-04	1.26E-07	3.67E-08	1.79E-02	5.64E-06	1.64E-06	4.61E-04	1.45E-07	4.23E-08	1.85E-02	5.85E-06	1.70E-06	2.13E-04	6.71E-08	1.95E-08
1187	489735.89, 3858826.54	1.74E-02	5.49E-06	1.60E-06	4.01E-04	1.27E-07	3.68E-08	1.75E-02	5.51E-06	1.60E-06	4.63E-04	1.46E-07	4.25E-08	1.81E-02	5.71E-06	1.66E-06	2.13E-04	6.74E-08	1.96E-08
1188	489785.89, 3858826.54	1.70E-02	5.37E-06	1.56E-06	4.03E-04	1.27E-07	3.70E-08	1.71E-02	5.40E-06	1.57E-06	4.65E-04	1.47E-07	4.27E-08	1.77E-02	5.59E-06	1.63E-06	2.14E-04	6.76E-08	1.97E-08
1189	489835.89, 3858826.54	1.66E-02	5.25E-06	1.53E-06	4.05E-04	1.28E-07	3.72E-08	1.67E-02	5.27E-06	1.53E-06	4.67E-04	1.47E-07	4.29E-08	1.73E-02	5.46E-06	1.59E-06	2.15E-04	6.80E-08	1.98E-08
1190	489885.89, 3858826.54	1.63E-02	5.15E-06	1.50E-06	4.07E-04	1.28E-07	3.73E-08	1.64E-02	5.17E-06	1.50E-06	4.69E-04	1.48E-07	4.31E-08	1.69E-02	5.35E-06	1.56E-06	2.16E-04	6.83E-08	1.99E-08
1191	489935.89, 3858826.54	1.60E-02	5.04E-06	1.47E-06	4.09E-04	1.29E-07	3.75E-08	1.60E-02	5.06E-06	1.47E-06	4.72E-04	1.49E-07	4.33E-08	1.66E-02	5.24E-06	1.52E-06	2.18E-04	6.86E-08	2.00E-08
1192	489985.89, 3858826.54	1.56E-02	4.94E-06	1.44E-06	4.11E-04	1.30E-07	3.78E-08	1.57E-02	4.96E-06	1.44E-06	4.75E-04	1.50E-07	4.36E-08	1.62E-02	5.13E-06	1.49E-06	2.19E-04	6.90E-08	2.01E-08
1193	490035.89, 3858826.54	1.53E-02	4.83E-06	1.40E-06	4.14E-04	1.31E-07	3.80E-08	1.54E-02	4.85E-06	1.41E-06	4.78E-04	1.51E-07	4.39E-08	1.59E-02	5.01E-06	1.46E-06	2.20E-04	6.95E-08	2.02E-08
1194	489285.89, 3858876.54	2.33E-02	7.35E-06	2.14E-06	3.89E-04	1.23E-07	3.57E-08	2.34E-02	7.37E-06	2.14E-06	4.49E-04	1.42E-07	4.13E-08	2.43E-02	7.68E-06	2.23E-06	2.07E-04	6.55E-08	1.90E-08
1195	489335.89, 3858876.54	2.26E-02	7.12E-06	2.07E-06	3.87E-04	1.22E-07	3.56E-08	2.26E-02	7.14E-06	2.08E-06	4.47E-04	1.41E-07	4.10E-08	2.36E-02	7.44E-06	2.16E-06	2.06E-04	6.51E-08	1.89E-08
1196	489385.89, 3858876.54	2.19E-02	6.91E-06	2.01E-06	3.86E-04	1.22E-07	3.54E-08	2.20E-02	6.93E-06	2.02E-06	4.45E-04	1.40E-07	4.09E-08	2.29E-02	7.22E-06	2.10E-06	2.05E-04	6.48E-08	1.89E-08
1197	489435.89, 3858876.54	2.13E-02	6.71E-06	1.95E-06	3.84E-04	1.21E-07	3.53E-08	2.13E-02	6.73E-06	1.96E-06	4.43E-04	1.40E-07	4.07E-08	2.22E-02	7.01E-06	2.04E-06	2.05E-04	6.46E-08	1.88E-08
1198	489485.89, 3858876.54	2.07E-02	6.53E-06	1.90E-06	3.83E-04	1.21E-07	3.52E-08	2.07E-02	6.55E-06	1.90E-06	4.42E-04	1.40E-07	4.06E-08	2.16E-02	6.81E-06	1.98E-06	2.04E-04	6.45E-08	1.88E-08
1199	489535.89, 3858876.54	2.01E-02	6.35E-06	1.85E-06	3.83E-04	1.21E-07	3.52E-08	2.02E-02	6.37E-06	1.85E-06	4.42E-04	1.39E-07	4.06E-08	2.10E-02	6.62E-06	1.93E-06	2.04E-04	6.44E-08	1.87E-08
1200	489585.89, 3858876.54	1.96E-02	6.17E-06	1.80E-06	3.83E-04	1.21E-07	3.52E-08	1.96E-02	6.19E-06	1.80E-06	4.42E-04	1.40E-07	4.06E-08	2.04E-02	6.43E-06	1.87E-06	2.04E-04	6.44E-08	1.87E-08
1201	489635.89, 3858876.54	1.91E-02	6.02E-06	1.75E-06	3.83E-04	1.21E-07	3.52E-08	1.91E-02	6.04E-06	1.76E-06	4.42E-04	1.40E-07	4.06E-08	1.99E-02	6.27E-06	1.82E-06	2.04E-04	6.45E-08	1.87E-08
1202	489685.89, 3858876.54	1.86E-02	5.86E-06	1.70E-06	3.84E-04	1.21E-07	3.53E-08	1.86E-02	5.88E-06	1.71E-06	4.43E-04	1.40E-07	4.07E-08	1.93E-02	6.11E-06	1.78E-06	2.05E-04	6.46E-08	1.88E-08
1203	489735.89, 3858876.54	1.81E-02	5.71E-06	1.66E-06	3.85E-04	1.22E-07	3.54E-08	1.82E-02	5.73E-06	1.67E-06	4.44E-04	1.40E-07	4.08E-08	1.88E-02	5.95E-06	1.73E-06	2.05E-04	6.47E-08	1.88E-08
1204	489785.89, 3858876.54	1.77E-02	5.58E-06	1.62E-06	3.86E-04	1.22E-07	3.55E-08	1.77E-02	5.60E-06	1.63E-06	4.46E-04	1.41E-07	4.09E-08	1.84E-02	5.81E-06	1.69E-06	2.06E-04	6.49E-08	1.89E-08
1205	489835.89, 3858876.54	1.72E-02	5.44E-06	1.58E-06	3.88E-04	1.22E-07	3.56E-08	1.73E-02	5.46E-06	1.59E-06	4.48E-04	1.41E-07	4.11E-08	1.79E-02	5.66E-06	1.65E-06	2.07E-04	6.52E-08	1.90E-08
1206	489885.89, 3858876.54	1.69E-02	5.33E-06	1.55E-06	3.89E-04	1.23E-07	3.57E-08	1.70E-02	5.35E-06	1.56E-06	4.49E-04	1.42E-07	4.13E-08	1.76E-02	5.54E-06	1.61E-06	2.07E-04	6.54E-08	1.90E-08
1207	489935.89, 3858876.54	1.65E-02	5.20E-06	1.51E-06	3.92E-04	1.24E-07	3.59E-08	1.66E-02	5.23E-06	1.52E-06	4.52E-04	1.43E-07	4.15E-08	1.71E-02	5.41E-06	1.57E-06	2.08E-04	6.58E-08	1.91E-08
1208	489985.89, 3858876.54	1.61E-02	5.08E-06	1.48E-06	3.94E-04	1.24E-07	3.62E-08	1.62E-02	5.10E-06	1.48E-06	4.55E-04	1.43E-07	4.17E-08	1.67E-02	5.28E-06	1.54E-06	2.10E-04	6.61E-08	1.92E-08
1209	490035.89, 3858876.54	1.57E-02	4.97E-06	1.44E-06	3.96E-04	1.25E-07	3.64E-08	1.58E-02	4.99E-06	1.45E-06	4.57E-04	1.44E-07	4.20E-08	1.63E-02	5.16E-06	1.50E-06	2.11E-04	6.65E-08	1.93E-08
1210	489285.89, 3858926.54	2.49E-02	7.85E-06	2.28E-06	3.80E-04	1.20E-07	3.49E-08	2.49E-02	7.87E-06	2.29E-06	4.38E-04	1.38E-07	4.02E-08	2.60E-02	8.21E-06	2.39E-06	2.02E-04	6.39E-08	1.86E-08
1211	489335.89, 3858926.54	2.40E-02	7.57E-06	2.20E-06	3.77E-04	1.19E-07	3.46E-08	2.41E-02	7.59E-06	2.21E-06	4.35E-04	1.37E-07	4.00E-08	2.51E-02	7.91E-06	2.30E-06	2.01E-04	6.35E-08	1.85E-08
1212	489385.89, 3858926.54	2.32E-02	7.31E-06	2.13E-06	3.75E-04	1.18E-07	3.45E-08	2.32E-02	7.33E-06	2.13E-06	4.33E-04	1.37E-07	3.98E-08	2.42E-02	7.64E-06	2.22E-06	2.00E-04	6.31E-08	1.84E-08
1213	489435.89, 3858926.54	2.24E-02	7.07E-06	2.06E-06	3.74E-04	1.18E-07	3.43E-08	2.25E-02	7.09E-06	2.06E-06	4.31E-04	1.36E-07	3.96E-08	2.34E-02	7.39E-06	2.15E-06	1.99E-04	6.28E-08	1.83E-08
1214	489485.89, 3858926.54	2.17E-02	6.85E-06	1.99E-06	3.72E-04	1.17E-07	3.42E-08	2.18E-02	6.87E-06	2.00E-06	4.29E-04	1.36E-07	3.94E-08	2.27E-02	7.16E-06	2.08E-06	1.98E-04	6.26E-08	1.82E-08
1215	489535.89, 3858926.54	2.11E-02	6.65E-06	1.93E-06	3.71E-04	1.17E-07	3.41E-08	2.11E-02	6.67E-06	1.94E-06	4.28E-04	1.35E-07	3.93E-08	2.20E-02	6.94E-06	2.02E-06	1.98E-04	6.24E-08	1.82E-08
1216	489585.89, 3858926.54	2.04E-02	6.45E-06	1.88E-06	3.71E-04	1.17E-07	3.40E-08	2.05E-02	6.47E-06	1.88E-06	4.28E-04	1.35E-07	3.93E-08	2.13E-02	6.73E-06	1.96E-06	1.98E-04	6.23E-08	1.81E-08
1217	489635.89, 3858926.54	1.99E-02	6.27E-06	1.82E-06	3.70E-04	1.17E-07	3.40E-08	1.99E-02	6.29E-06	1.83E-06	4.27E-04	1.35E-07	3.92E-08	2.07E-02	6.54E-06	1.90E-06	1.97E-04	6.23E-08	1.81E-08
1218	489685.89, 3858926.54	1.93E-02	6.09E-06	1.77E-06	3.71E-04	1.17E-07	3.40E-08	1.94E-02	6.11E-06	1.78E-06	4.28E-04	1.35E-07	3.93E-08	2.01E-02	6.35E-06	1.85E-06	1.98E-04	6.23E-08	1.81E-08
1219	489735.89, 3858926.54	1.88E-02	5.93E-06	1.73E-06	3.71E-04	1.17E-07	3.41E-08	1.89E-02	5.95E-06	1.73E-06	4.28E-04	1.35E-07	3.93E-08	1.96E-02	6.18E-06	1.80E-06	1.98E-04	6.24E-08	1.81E-08
1220	489785.89, 3858926.54	1.83E-02	5.78E-06	1.68E-06	3.72E-04	1.17E-07	3.41E-08	1.84E-02	5.80E-06	1.69E-06	4.29E-04	1.35E-07	3.94E-08	1.91E-02	6.03E-06	1.75E-06	1.98E-04	6.25E-08	1.82E-08
1221	489835.89, 3858926.54	1.78E-02	5.63E-06	1.64E-06	3.73E-04	1.18E-07	3.42E-08	1.79E-02	5.65E-06	1.64E-06	4.30E-04	1.36E-07	3.95E-08	1.86E-02	5.87E-06	1.71E-06	1.99E-04	6.27E-08	1.82E-08
1222	489885.89, 3858926.54	1.74E-02	5.50E-06	1.60E-06	3.74E-04	1.18E-07	3.43E-08	1.75E-02	5.52E-06	1.61E-06	4.31E-04	1.36E-07	3.96E-08	1.81E-02	5.73E-06	1.67E-06	1.99E-04	6.28E-08	1.83E-08
1223	489935.89, 3858926.54	1.70E-02	5.37E-06	1.56E-06	3.75E-04	1.18E-07	3.45E-08	1.71E-02	5.39E-06	1.57E-06	4.33E-04	1.37E-07	3.98E-08	1.77E-02	5.59E-06	1.62E-06	2.00E-04	6.31E-08	1.84E-08
1224	489985.89, 3858926.54	1.66E-02	5.23E-06	1.52E-06	3.77E-04	1.19E-07	3.47E-08	1.66E-02	5.25E-06	1.53E-06	4.36E-04	1.37E-07	4.00E-08	1.72E-02	5.44E-06	1.58E-06	2.01E-04	6.34E-08	1.84E-08
1225	490035.89, 3858926.54	1.61E-02	5.08E-06	1.48E-06	3.80E-04	1.20E-07	3.49E-08	1.62E-02	5.10E-06	1.48E-06	4.39E-04	1.38E-07	4.03E-08	1.68E-02	5.29E-06	1.54E-06	2.02E-04	6.38E-08	1.86E-08
1226	489335.89, 3858976.54	2.53E-02	8.00E-06	2.33E-06	3.69E-04	1.16E-07	3.38E-08	2.54E-02	8.02E-06	2.33E-06	4.25E-04	1.34E-07	3.90E-08	2.65E-02	8.37E-06	2.43E-06	1.97E-04	6.20E-08	1.80E-08
1227	489385.89, 3858976.54	2.44E-02	7.69E-06	2.24E-06	3.66E-04	1.16E-07	3.36E-08	2.44E-02	7.71E-06	2.24E-06	4.23E-04	1.33E-07	3.88E-08	2.55E-02	8.04E-06	2.34E-06	1.95E-04	6.17E-08	1.79E-08
1228	489435.89, 3858976.54	2.35E-02	7.43E-06	2.16E-06	3.64E-04	1.15E-07	3.34E-08	2.36E-02	7.45E-06	2.17E-06	4.20E-04	1.32E-07	3.85E-08	2.46E-02	7.77E-06	2.26E-06	1.94E-04	6.13E-08	1.78E-08
1229	489485.89, 3858976.54	2.27E-02	7.17E-06	2.09E-06	3.62E-04	1.14E-07	3.32E-08	2.28E-02	7.19E-06	2.09E-06	4.18E-04	1.32E-07	3.84E-08	2.37E-02	7.50E-06	2.18E-06	1.93E-04	6.10E-08	1.77E-08
1230	489535.89, 3858976.54	2.20E-02	6.93E-06	2.02E-06	3.61E-04	1.14E-07	3.31E-08	2.20E-02	6.95E-06	2.02E-06	4.16E-04	1.31E-07	3.82E-08	2.29E-02	7.24E-06	2.11E-06	1.92E-04	6.07E-08	1.77E-08
1231	489585.89, 3858976.54	2.13E-02	6.72E-06	1.95E-06	3.59E-04	1.13E-07	3.30E-08	2.13E-02	6.74E-06	1.96E-06	4.15E-04	1.31E-07	3.81E-08	2.22E-02	7.02E-06	2.04E-06	1.92E-04	6.05E-08	1.76E-08
1232	489635.89, 3858976.54	2.06E-02	6.51E-06	1.89E-06	3.59E-04	1.13E-07	3.29E-08	2.07E-02	6.53E-06	1.90E-06	4.14E-04	1.31E-07	3.80E-08	2.15E-02	6.80E-06	1.98E-06	1.91E-04	6.04E-08	1.76E-08
1233	489685.89, 3858976.54	2.00E-02	6.31E-06	1.84E-06	3.59E-04	1.13E-07	3.29E-08	2.01E-02	6.33E-06	1.84E-06	4.14E-04	1.31E-07	3.80E-08	2.09E-02	6.59E-06	1.92E-06	1.91E-04	6.03E-08	1.76E-08
1234	489735.89, 3858976.54	1.94E-02	6.13E-06	1.78E-06	3.58E-04	1.13E-07	3.29E-08	1.95E-02	6.15E-06	1.79E-06	4.13E-04	1.31E-07	3.80E-08	2.03E-02	6.40E-06	1.86E-06	1.91E-04	6.03E-08	1.75E-08
1235	489785.89, 3858976.54	1.89E-02	5.98E-06	1.74E-06	3.58E-04	1.13E-07	3.29E-08	1.90E-02	5.99E-06	1.74E-06	4.14E-04	1.31E-07	3.80E-08	1.97E-02	6.23E-06	1.81E-06	1.91E-04	6.03E-08	1.75E-08
1236	489835.89, 3858976.54	1.84E-02	5.82E-06	1.69E-06	3.59E-04	1.13E-07	3.29E-08	1.85E-02	5.84E-06	1.70E-06	4.14E-04	1.31E-07	3.80E-08	1.92E-02	6.07E-06	1.77E-06	1.91E-04	6.04E-08	1.76E-08
1237	489885.89, 3858976.54	1.79E-02	5.65E-06	1.64E-06	3.60E-04	1.14E-07	3.30E-08	1.80E-02	5.67E-06	1.65E-06	4.15E-04	1.31E-07	3.81E-08	1.87E-02	5.89E-06	1.71E-06	1.92E-04	6.05E-08	1.76E-08
1238	489935.89, 3858976.54	1.74E-02	5.50E-06	1.60E-06	3.61E-04	1.14E-07	3.32E-08	1.75E-02	5.52E-06	1.61E-06	4.17E-04	1.32E-07	3.83E-08	1.82E-02	5.73E-06	1.67E-06	1.92E-04	6.07E-08	1.77E-08
1239	489985.89, 3858976.54	1.70E-02	5.36E-06	1.56E-06	3.63E-04	1.14E-07	3.33E-08	1.71E-02	5.38E-06	1.57E-06	4.18E-04	1.32E-07	3.84E-08	1.77E-02	5.59E-06	1.62E-06	1.93E-04	6.10E-08	1.77E-08
1240	490035.89, 3858976.54	1.63E-02	5.15E-06	1.50E-06	3.66E-04	1.15E-07	3.36E-08	1.64E-02	5.17E-06	1.50E-06	4.22E-04	1.33E-07	3.87E-08	1.70E-02	5.36E-06	1.56E-06	1.95E-04	6.15E-08	1.79E-08
1241	489385.89, 3859026.54	2.55E-02	8.04E-06	2.34E-06	3.58E-04	1.13E-07	3.29E-08	2.55E-02	8.06E-06	2.34E-06	4.13E-04	1.30E-07	3.79E-08	2.67E-02	8.41E-06	2.45E-06	1.91E-04	6.03E-08	1.76E-08
1242	489435.89, 3859026.54	2.45E-02	7.73E-06	2.25E-06	3.56E-04	1.12E-07	3.26E-08	2.46E-02	7.75E-06	2.26E-06	4.10E-04	1.29E-07	3.77E-08	2.56E-02	8.09E-06	2.35E-06	1.90E-04	5.99E-08	1.74E-08
1243	489485.89, 3859026.54	2.36E-02	7.45E-06	2.17E-06	3.53E-04	1.12E-07	3.24E-08	2.37E-02	7.47E-06	2.17E-06	4.08E-04	1.29E-07	3.74E-08	2.47E-02	7.79E-06	2.27E-06	1.89E-04	5.96E-08	1.73E-08
1244	489535.89, 3859026.54	2.28E-02	7.19E-06	2.09E-06	3.51E-04	1.11E-07	3.23E-08	2.28E-02	7.21E-06	2.10E-06	4.05E-04	1.28E-07	3.72E-08	2.38E-02	7.52E-06	2.19E-06	1.88E-04	5.92E-08	1.72E-08
1245	489585.89, 3859026.54	2.20E-02	6.94E-06	2.02E-06	3.50E-04	1.10E-07	3.21E-08	2.21E-02	6.96E-06	2.02E-06	4.04E-04	1.27E-07	3.71E-08	2.30E-02	7.26E-06	2.11E-06	1.87E-04	5.90E-08	1.72E-08
1246	489635.89, 3859026.54	2.13E-02	6.72E-06	1.96E-06	3.49E-04	1.10E-07	3.20E-08	2.14E-02	6.74E-06	1.96E-06	4.02E-04	1.27E-07	3.69E-08	2.23E-02	7.02E-06	2.04E-06	1.86E-04	5.88E-08	1.71E-08
1247	489685.89, 3859026.54	2.06E-02	6.51E-06	1.89E-06	3.48E-04	1.10E-07	3.19E-08	2.07E-02	6.53E-06	1.90E-06	4.01E-04	1.27E-07	3.68E-08	2.16E-02	6.80E-06	1.98E-06	1.86E-04	5.86E-08	1.70E-08
1248	489735.89, 3859026.54	2.00E-02	6.33E-06	1.84E-06	3.47E-04	1.10E-07	3.19E-08	2.01E-02	6.35E-06	1.85E-06	4.00E-04	1.26E-07	3.68E-08	2.09E-02	6.61E-06	1.92E-06	1.85E-04	5.85E-08	1.70E-08
1249	489785.89, 3859026.54	1.95E-02	6.15E-06	1.79E-06	3.47E-04	1.09E-07	3.18E-08	1.95E-02	6.17E-06	1.79E-06	4.00E-04	1.26E-07	3.67E-08	2.03E-02	6.42E-06	1.87E-06	1.85E-04	5.84E-08	1.70E-08
1250	489835.89, 3859026.54	1.89E-02	5.96E-06	1.73E-06	3.47E-04	1.10E-07	3.19E-08	1.90E-02	5.98E-06	1.74E-06	4.00E-04	1.26E-07	3.68E-08	1.97E-02	6.22E-06	1.81E-06	1.85E-04	5.84E-08	1.70E-08

1251	489885.89, 3859026.54	1.84E-02	5.80E-06	1.69E-06	3.47E-04	1.10E-07	3.19E-08	1.84E-02	5.82E-06	1.69E-06	4.01E-04	1.27E-07	3.68E-08	1.92E-02	6.05E-06	1.76E-06	1.85E-04	5.85E-08	1.70E-08
1252	489935.89, 3859026.54	1.78E-02	5.63E-06	1.64E-06	3.48E-04	1.10E-07	3.20E-08	1.79E-02	5.65E-06	1.64E-06	4.02E-04	1.27E-07	3.69E-08	1.86E-02	5.87E-06	1.71E-06	1.86E-04	5.86E-08	1.70E-08
1253	489985.89, 3859026.54	1.74E-02	5.48E-06	1.59E-06	3.49E-04	1.10E-07	3.21E-08	1.74E-02	5.50E-06	1.60E-06	4.03E-04	1.27E-07	3.70E-08	1.81E-02	5.71E-06	1.66E-06	1.86E-04	5.88E-08	1.71E-08
1254	490035.89, 3859026.54	1.66E-02	5.23E-06	1.52E-06	3.52E-04	1.11E-07	3.23E-08	1.66E-02	5.25E-06	1.53E-06	4.07E-04	1.28E-07	3.73E-08	1.73E-02	5.45E-06	1.59E-06	1.88E-04	5.92E-08	1.72E-08
1255	489485.89, 3859076.54	2.44E-02	7.69E-06	2.24E-06	3.46E-04	1.09E-07	3.17E-08	2.44E-02	7.71E-06	2.24E-06	3.99E-04	1.26E-07	3.66E-08	2.55E-02	8.05E-06	2.34E-06	1.85E-04	5.83E-08	1.70E-08
1256	489535.89, 3859076.54	2.35E-02	7.41E-06	2.15E-06	3.44E-04	1.08E-07	3.15E-08	2.35E-02	7.42E-06	2.16E-06	3.96E-04	1.25E-07	3.64E-08	2.45E-02	7.75E-06	2.25E-06	1.84E-04	5.80E-08	1.69E-08
1257	489585.89, 3859076.54	2.26E-02	7.14E-06	2.08E-06	3.42E-04	1.08E-07	3.14E-08	2.27E-02	7.16E-06	2.08E-06	3.94E-04	1.24E-07	3.62E-08	2.37E-02	7.47E-06	2.17E-06	1.83E-04	5.76E-08	1.68E-08
1258	489635.89, 3859076.54	2.19E-02	6.91E-06	2.01E-06	3.40E-04	1.07E-07	3.12E-08	2.20E-02	6.93E-06	2.02E-06	3.92E-04	1.24E-07	3.60E-08	2.29E-02	7.23E-06	2.10E-06	1.82E-04	5.73E-08	1.67E-08
1259	489685.89, 3859076.54	2.12E-02	6.70E-06	1.95E-06	3.38E-04	1.07E-07	3.11E-08	2.13E-02	6.72E-06	1.95E-06	3.90E-04	1.23E-07	3.58E-08	2.22E-02	7.00E-06	2.04E-06	1.81E-04	5.70E-08	1.66E-08
1260	489735.89, 3859076.54	2.06E-02	6.49E-06	1.89E-06	3.37E-04	1.06E-07	3.10E-08	2.06E-02	6.51E-06	1.89E-06	3.89E-04	1.23E-07	3.57E-08	2.15E-02	6.79E-06	1.97E-06	1.80E-04	5.68E-08	1.65E-08
1261	489785.89, 3859076.54	2.00E-02	6.30E-06	1.83E-06	3.36E-04	1.06E-07	3.09E-08	2.00E-02	6.32E-06	1.84E-06	3.88E-04	1.22E-07	3.56E-08	2.09E-02	6.58E-06	1.91E-06	1.80E-04	5.67E-08	1.65E-08
1262	489835.89, 3859076.54	1.94E-02	6.11E-06	1.78E-06	3.36E-04	1.06E-07	3.09E-08	1.94E-02	6.13E-06	1.78E-06	3.88E-04	1.22E-07	3.56E-08	2.02E-02	6.38E-06	1.86E-06	1.79E-04	5.66E-08	1.65E-08
1263	489885.89, 3859076.54	1.88E-02	5.93E-06	1.72E-06	3.36E-04	1.06E-07	3.09E-08	1.88E-02	5.95E-06	1.73E-06	3.88E-04	1.22E-07	3.56E-08	1.96E-02	6.19E-06	1.80E-06	1.79E-04	5.66E-08	1.65E-08
1264	489935.89, 3859076.54	1.83E-02	5.76E-06	1.68E-06	3.36E-04	1.06E-07	3.09E-08	1.83E-02	5.78E-06	1.68E-06	3.88E-04	1.23E-07	3.56E-08	1.90E-02	6.01E-06	1.75E-06	1.80E-04	5.67E-08	1.65E-08
1265	489985.89, 3859076.54	1.77E-02	5.59E-06	1.63E-06	3.37E-04	1.06E-07	3.10E-08	1.78E-02	5.61E-06	1.63E-06	3.89E-04	1.23E-07	3.57E-08	1.85E-02	5.83E-06	1.70E-06	1.80E-04	5.68E-08	1.65E-08
1266	490035.89, 3859076.54	1.70E-02	5.35E-06	1.56E-06	3.39E-04	1.07E-07	3.12E-08	1.70E-02	5.37E-06	1.56E-06	3.92E-04	1.24E-07	3.60E-08	1.77E-02	5.58E-06	1.62E-06	1.81E-04	5.71E-08	1.66E-08
1267	489585.89, 3859126.54	2.32E-02	7.32E-06	2.13E-06	3.34E-04	1.05E-07	3.07E-08	2.32E-02	7.34E-06	2.13E-06	3.85E-04	1.22E-07	3.54E-08	2.43E-02	7.66E-06	2.23E-06	1.79E-04	5.64E-08	1.64E-08
1268	489635.89, 3859126.54	2.24E-02	7.08E-06	2.06E-06	3.32E-04	1.05E-07	3.05E-08	2.25E-02	7.09E-06	2.06E-06	3.83E-04	1.21E-07	3.51E-08	2.35E-02	7.40E-06	2.15E-06	1.77E-04	5.60E-08	1.63E-08
1269	489685.89, 3859126.54	2.17E-02	6.84E-06	1.99E-06	3.30E-04	1.04E-07	3.03E-08	2.17E-02	6.86E-06	2.00E-06	3.81E-04	1.20E-07	3.49E-08	2.27E-02	7.16E-06	2.08E-06	1.76E-04	5.57E-08	1.62E-08
1270	489735.89, 3859126.54	2.10E-02	6.63E-06	1.93E-06	3.28E-04	1.04E-07	3.01E-08	2.11E-02	6.65E-06	1.93E-06	3.79E-04	1.20E-07	3.48E-08	2.20E-02	6.93E-06	2.02E-06	1.76E-04	5.54E-08	1.61E-08
1271	489785.89, 3859126.54	2.04E-02	6.43E-06	1.87E-06	3.27E-04	1.03E-07	3.00E-08	2.04E-02	6.44E-06	1.87E-06	3.77E-04	1.19E-07	3.46E-08	2.13E-02	6.72E-06	1.95E-06	1.75E-04	5.52E-08	1.61E-08
1272	489835.89, 3859126.54	1.97E-02	6.23E-06	1.81E-06	3.26E-04	1.03E-07	3.00E-08	1.98E-02	6.24E-06	1.82E-06	3.77E-04	1.19E-07	3.46E-08	2.06E-02	6.51E-06	1.89E-06	1.74E-04	5.51E-08	1.60E-08
1273	489885.89, 3859126.54	1.91E-02	6.03E-06	1.75E-06	3.26E-04	1.03E-07	2.99E-08	1.92E-02	6.05E-06	1.76E-06	3.76E-04	1.19E-07	3.45E-08	2.00E-02	6.30E-06	1.83E-06	1.74E-04	5.50E-08	1.60E-08
1274	489935.89, 3859126.54	1.86E-02	5.86E-06	1.70E-06	3.26E-04	1.03E-07	2.99E-08	1.86E-02	5.88E-06	1.71E-06	3.76E-04	1.19E-07	3.45E-08	1.94E-02	6.12E-06	1.78E-06	1.74E-04	5.49E-08	1.60E-08
1275	489985.89, 3859126.54	1.79E-02	5.66E-06	1.65E-06	3.27E-04	1.03E-07	3.00E-08	1.80E-02	5.68E-06	1.65E-06	3.77E-04	1.19E-07	3.46E-08	1.87E-02	5.91E-06	1.72E-06	1.74E-04	5.51E-08	1.60E-08
1276	490035.89, 3859126.54	1.73E-02	5.46E-06	1.59E-06	3.28E-04	1.03E-07	3.01E-08	1.74E-02	5.48E-06	1.59E-06	3.78E-04	1.19E-07	3.47E-08	1.81E-02	5.70E-06	1.66E-06	1.75E-04	5.52E-08	1.61E-08
1277	489585.89, 3859176.54	2.36E-02	7.44E-06	2.16E-06	3.27E-04	1.03E-07	3.00E-08	2.36E-02	7.45E-06	2.17E-06	3.77E-04	1.19E-07	3.46E-08	2.47E-02	7.78E-06	2.26E-06	1.75E-04	5.53E-08	1.61E-08
1278	489635.89, 3859176.54	2.28E-02	7.19E-06	2.09E-06	3.25E-04	1.03E-07	2.98E-08	2.28E-02	7.21E-06	2.10E-06	3.74E-04	1.18E-07	3.44E-08	2.38E-02	7.52E-06	2.19E-06	1.74E-04	5.49E-08	1.60E-08
1279	489685.89, 3859176.54	2.21E-02	6.96E-06	2.02E-06	3.22E-04	1.02E-07	2.96E-08	2.21E-02	6.98E-06	2.03E-06	3.72E-04	1.17E-07	3.41E-08	2.31E-02	7.28E-06	2.12E-06	1.73E-04	5.45E-08	1.58E-08
1280	489735.89, 3859176.54	2.14E-02	6.74E-06	1.96E-06	3.20E-04	1.01E-07	2.94E-08	2.14E-02	6.76E-06	1.97E-06	3.70E-04	1.17E-07	3.39E-08	2.23E-02	7.05E-06	2.05E-06	1.72E-04	5.41E-08	1.57E-08
1281	489785.89, 3859176.54	2.07E-02	6.52E-06	1.90E-06	3.19E-04	1.01E-07	2.93E-08	2.07E-02	6.54E-06	1.90E-06	3.68E-04	1.16E-07	3.38E-08	2.16E-02	6.82E-06	1.98E-06	1.71E-04	5.39E-08	1.57E-08
1282	489835.89, 3859176.54	2.00E-02	6.32E-06	1.84E-06	3.18E-04	1.00E-07	2.92E-08	2.01E-02	6.34E-06	1.84E-06	3.67E-04	1.16E-07	3.37E-08	2.09E-02	6.60E-06	1.92E-06	1.70E-04	5.37E-08	1.56E-08
1283	489885.89, 3859176.54	1.94E-02	6.12E-06	1.78E-06	3.17E-04	1.00E-07	2.91E-08	1.94E-02	6.14E-06	1.79E-06	3.66E-04	1.15E-07	3.36E-08	2.03E-02	6.40E-06	1.86E-06	1.70E-04	5.35E-08	1.56E-08
1284	489935.89, 3859176.54	1.88E-02	5.94E-06	1.73E-06	3.17E-04	9.99E-08	2.91E-08	1.89E-02	5.96E-06	1.73E-06	3.65E-04	1.15E-07	3.35E-08	1.97E-02	6.21E-06	1.81E-06	1.69E-04	5.34E-08	1.55E-08
1285	489985.89, 3859176.54	1.82E-02	5.74E-06	1.67E-06	3.17E-04	1.00E-07	2.91E-08	1.82E-02	5.75E-06	1.67E-06	3.66E-04	1.15E-07	3.36E-08	1.90E-02	5.99E-06	1.74E-06	1.69E-04	5.34E-08	1.55E-08
1286	490035.89, 3859176.54	1.77E-02	5.58E-06	1.62E-06	3.17E-04	1.00E-07	2.91E-08	1.77E-02	5.60E-06	1.63E-06	3.66E-04	1.15E-07	3.36E-08	1.85E-02	5.83E-06	1.69E-06	1.69E-04	5.34E-08	1.55E-08
1287	489685.89, 3859226.54	2.22E-02	7.02E-06	2.04E-06	3.16E-04	9.97E-08	2.90E-08	2.23E-02	7.04E-06	2.05E-06	3.64E-04	1.15E-07	3.34E-08	2.33E-02	7.35E-06	2.14E-06	1.69E-04	5.34E-08	1.55E-08
1288	489735.89, 3859226.54	2.16E-02	6.81E-06	1.98E-06	3.14E-04	9.90E-08	2.88E-08	2.16E-02	6.83E-06	1.99E-06	3.62E-04	1.14E-07	3.32E-08	2.26E-02	7.12E-06	2.07E-06	1.68E-04	5.30E-08	1.54E-08
1289	489785.89, 3859226.54	2.09E-02	6.59E-06	1.92E-06	3.12E-04	9.84E-08	2.86E-08	2.09E-02	6.61E-06	1.92E-06	3.59E-04	1.13E-07	3.30E-08	2.18E-02	6.89E-06	2.01E-06	1.67E-04	5.27E-08	1.53E-08
1290	489835.89, 3859226.54	2.02E-02	6.38E-06	1.85E-06	3.10E-04	9.80E-08	2.85E-08	2.03E-02	6.39E-06	1.86E-06	3.58E-04	1.13E-07	3.29E-08	2.11E-02	6.67E-06	1.94E-06	1.66E-04	5.24E-08	1.53E-08
1291	489885.89, 3859226.54	1.96E-02	6.18E-06	1.80E-06	3.09E-04	9.76E-08	2.84E-08	1.96E-02	6.20E-06	1.80E-06	3.57E-04	1.13E-07	3.27E-08	2.05E-02	6.46E-06	1.88E-06	1.65E-04	5.22E-08	1.52E-08
1292	489935.89, 3859226.54	1.90E-02	5.99E-06	1.74E-06	3.08E-04	9.73E-08	2.83E-08	1.90E-02	6.01E-06	1.75E-06	3.56E-04	1.12E-07	3.26E-08	1.98E-02	6.26E-06	1.82E-06	1.65E-04	5.20E-08	1.51E-08
1293	489985.89, 3859226.54	1.83E-02	5.77E-06	1.68E-06	3.08E-04	9.74E-08	2.83E-08	1.83E-02	5.79E-06	1.68E-06	3.56E-04	1.12E-07	3.27E-08	1.91E-02	6.03E-06	1.75E-06	1.65E-04	5.20E-08	1.51E-08
1294	490035.89, 3859226.54	1.78E-02	5.62E-06	1.64E-06	3.08E-04	9.72E-08	2.83E-08	1.79E-02	5.64E-06	1.64E-06	3.55E-04	1.12E-07	3.26E-08	1.86E-02	5.87E-06	1.71E-06	1.64E-04	5.19E-08	1.51E-08
1295	489735.89, 3859276.54	2.17E-02	6.84E-06	1.99E-06	3.07E-04	9.70E-08	2.82E-08	2.17E-02	6.85E-06	1.99E-06	3.54E-04	1.12E-07	3.25E-08	2.27E-02	7.15E-06	2.08E-06	1.65E-04	5.20E-08	1.51E-08
1296	489785.89, 3859276.54	2.10E-02	6.63E-06	1.93E-06	3.05E-04	9.63E-08	2.80E-08	2.11E-02	6.64E-06	1.93E-06	3.52E-04	1.11E-07	3.23E-08	2.20E-02	6.93E-06	2.02E-06	1.64E-04	5.16E-08	1.50E-08
1297	489835.89, 3859276.54	2.03E-02	6.41E-06	1.86E-06	3.04E-04	9.58E-08	2.79E-08	2.04E-02	6.42E-06	1.87E-06	3.50E-04	1.10E-07	3.21E-08	2.12E-02	6.70E-06	1.95E-06	1.63E-04	5.13E-08	1.49E-08
1298	489885.89, 3859276.54	1.97E-02	6.22E-06	1.81E-06	3.02E-04	9.53E-08	2.77E-08	1.97E-02	6.23E-06	1.81E-06	3.48E-04	1.10E-07	3.20E-08	2.06E-02	6.50E-06	1.89E-06	1.62E-04	5.10E-08	1.48E-08
1299	489935.89, 3859276.54	1.91E-02	6.02E-06	1.75E-06	3.01E-04	9.50E-08	2.76E-08	1.91E-02	6.04E-06	1.76E-06	3.47E-04	1.10E-07	3.19E-08	1.99E-02	6.29E-06	1.83E-06	1.61E-04	5.08E-08	1.48E-08
1300	489985.89, 3859276.54	1.83E-02	5.79E-06	1.68E-06	3.01E-04	9.50E-08	2.76E-08	1.84E-02	5.80E-06	1.69E-06	3.47E-04	1.10E-07	3.19E-08	1.92E-02	6.05E-06	1.76E-06	1.61E-04	5.08E-08	1.48E-08
1301	490035.89, 3859276.54	1.80E-02	5.67E-06	1.65E-06	2.99E-04	9.45E-08	2.75E-08	1.80E-02	5.68E-06	1.65E-06	3.45E-04	1.09E-07	3.17E-08	1.88E-02	5.92E-06	1.72E-06	1.60E-04	5.05E-08	1.47E-08
1302	490458.06, 3859590.74	1.49E-02	4.71E-06	1.37E-06	2.50E-04	7.89E-08	2.29E-08	1.50E-02	4.72E-06	1.37E-06	2.88E-04	9.10E-08	2.65E-08	1.56E-02	4.92E-06	1.43E-06	1.33E-04	4.21E-08	1.23E-08
1303	490508.06, 3859590.74	1.46E-02	4.59E-06	1.34E-06	2.50E-04	7.89E-08	2.29E-08	1.46E-02	4.61E-06	1.34E-06	2.88E-04	9.10E-08	2.65E-08	1.52E-02	4.80E-06	1.40E-06	1.33E-04	4.21E-08	1.22E-08
1304	490558.06, 3859590.74	1.42E-02	4.48E-06	1.30E-06	2.50E-04	7.89E-08	2.30E-08	1.42E-02	4.50E-06	1.31E-06	2.88E-04	9.10E-08	2.65E-08	1.48E-02	4.68E-06	1.36E-06	1.33E-04	4.21E-08	1.22E-08
1305	490608.06, 3859590.74	1.38E-02	4.37E-06	1.27E-06	2.50E-04	7.90E-08	2.30E-08	1.39E-02	4.38E-06	1.28E-06	2.89E-04	9.12E-08	2.65E-08	1.45E-02	4.56E-06	1.33E-06	1.34E-04	4.21E-08	1.23E-08
1306	490658.06, 3859590.74	1.35E-02	4.25E-06	1.24E-06	2.51E-04	7.92E-08	2.30E-08	1.35E-02	4.27E-06	1.24E-06	2.89E-04	9.14E-08	2.66E-08	1.41E-02	4.44E-06	1.29E-06	1.34E-04	4.22E-08	1.23E-08
1307	490708.06, 3859590.74	1.31E-02	4.14E-06	1.20E-06	2.51E-04	7.94E-08	2.31E-08	1.32E-02	4.15E-06	1.21E-06	2.90E-04	9.16E-08	2.66E-08	1.37E-02	4.32E-06	1.26E-06	1.34E-04	4.23E-08	1.23E-08
1308	490758.06, 3859590.74	1.27E-02	4.02E-06	1.17E-06	2.52E-04	7.96E-08	2.32E-08	1.28E-02	4.03E-06	1.17E-06	2.91E-04	9.19E-08	2.67E-08	1.33E-02	4.19E-06	1.22E-06	1.34E-04	4.24E-08	1.23E-08
1309	490808.06, 3859590.74	1.24E-02	3.91E-06	1.14E-06	2.53E-04	7.98E-08	2.32E-08	1.24E-02	3.93E-06	1.14E-06	2.92E-04	9.21E-08	2.68E-08	1.29E-02	4.08E-06	1.19E-06	1.35E-04	4.25E-08	1.24E-08
1310	490858.06, 3859590.74	1.21E-02	3.81E-06	1.11E-06	2.54E-04	8.01E-08	2.33E-08	1.21E-02	3.82E-06	1.11E-06	2.93E-04	9.24E-08	2.69E-08	1.26E-02	3.96E-06	1.15E-06	1.35E-04	4.26E-08	1.24E-08
1311	490458.06, 3859640.74	1.49E-02	4.72E-06	1.37E-06	2.44E-04	7.69E-08	2.24E-08	1.50E-02	4.73E-06	1.38E-06	2.81E-04	8.87E-08	2.58E-08	1.56E-02	4.93E-06	1.43E-06	1.30E-04	4.11E-08	1.19E-08
1312	490508.06, 3859640.74	1.46E-02	4.61E-06	1.34E-06	2.43E-04	7.68E-08	2.23E-08	1.46E-02	4.62E-06	1.34E-06	2.81E-04	8.86E-08	2.58E-08	1.53E-02	4.82E-06	1.40E-06	1.30E-04	4.10E-08	1.19E-08
1313	490558.06, 3859640.74	1.43E-02	4.50E-06	1.31E-06	2.43E-04	7.68E-08	2.23E-08	1.43E-02	4.52E-06	1.31E-06	2.81E-04	8.86E-08	2.58E-08	1.49E-02	4.70E-06	1.37E-06	1.30E-04	4.10E-08	1.19E-08
1314	490608.06, 3859640.74	1.39E-02	4.39E-06	1.28E-06	2.43E-04	7.68E-08	2.24E-08	1.40E-02	4.40E-06	1.28E-06	2.81E-04	8.87E-08	2.58E-08	1.45E-02	4.58E-06	1.33E-06	1.30E-04	4.10E-08	1.19E-08
1315	490658.06, 3859640.74	1.35E-02	4.27E-06	1.24E-06	2.44E-04	7.70E-08	2.24E-08	1.36E-02	4.29E-06	1.25E-06	2.81E-04	8.88E-08	2.58E-08	1.41E-02	4.46E-06	1.30E-06	1.30E-04	4.11E-08	1.19E-08
1316	490708.06, 3859640.74	1.32E-02	4.16E-06	1.21E-06	2.44E-04	7.71E-08	2.24E-08	1.32E-02	4.17E-06	1.21E-06	2.82E-04	8.90E-08	2.59E-08	1.38E-02	4.34E-06	1.26E-06	1.30E-04	4.11E-08	1.20E-08

1317 490758.06, 3859640.74	1.28E-02	4.04E-06	1.18E-06	2.45E-04	7.73E-08	2.25E-08	1.29E-02	4.06E-06	1.18E-06	2.83E-04	8.92E-08	2.59E-08	1.34E-02	4.22E-06	1.23E-06	1.30E-04	4.12E-08	1.20E-08
1318 490808.06, 3859640.74	1.25E-02	3.95E-06	1.15E-06	2.45E-04	7.74E-08	2.25E-08	1.26E-02	3.96E-06	1.15E-06	2.83E-04	8.94E-08	2.60E-08	1.30E-02	4.12E-06	1.20E-06	1.31E-04	4.12E-08	1.20E-08
1319 490858.06, 3859640.74	1.22E-02	3.86E-06	1.12E-06	2.46E-04	7.76E-08	2.26E-08	1.23E-02	3.87E-06	1.13E-06	2.84E-04	8.95E-08	2.60E-08	1.27E-02	4.02E-06	1.17E-06	1.31E-04	4.13E-08	1.20E-08
1320 490608.06, 3859690.74	1.39E-02	4.40E-06	1.28E-06	2.37E-04	7.49E-08	2.18E-08	1.40E-02	4.41E-06	1.28E-06	2.74E-04	8.64E-08	2.51E-08	1.46E-02	4.60E-06	1.34E-06	1.27E-04	3.99E-08	1.16E-08
1321 490658.06, 3859690.74	1.36E-02	4.29E-06	1.25E-06	2.38E-04	7.50E-08	2.18E-08	1.36E-02	4.30E-06	1.25E-06	2.74E-04	8.65E-08	2.52E-08	1.42E-02	4.48E-06	1.30E-06	1.27E-04	4.00E-08	1.16E-08
1322 490708.06, 3859690.74	1.32E-02	4.18E-06	1.22E-06	2.38E-04	7.50E-08	2.18E-08	1.33E-02	4.19E-06	1.22E-06	2.74E-04	8.66E-08	2.52E-08	1.38E-02	4.36E-06	1.27E-06	1.27E-04	4.00E-08	1.16E-08
1323 490758.06, 3859690.74	1.29E-02	4.06E-06	1.18E-06	2.38E-04	7.52E-08	2.19E-08	1.29E-02	4.08E-06	1.19E-06	2.75E-04	8.68E-08	2.52E-08	1.34E-02	4.24E-06	1.23E-06	1.27E-04	4.00E-08	1.16E-08
1324 490808.06, 3859690.74	1.26E-02	3.96E-06	1.15E-06	2.39E-04	7.53E-08	2.19E-08	1.26E-02	3.98E-06	1.16E-06	2.75E-04	8.69E-08	2.53E-08	1.31E-02	4.14E-06	1.20E-06	1.27E-04	4.01E-08	1.17E-08
1325 490858.06, 3859690.74	1.23E-02	3.89E-06	1.13E-06	2.39E-04	7.53E-08	2.19E-08	1.24E-02	3.91E-06	1.14E-06	2.75E-04	8.69E-08	2.53E-08	1.29E-02	4.06E-06	1.18E-06	1.27E-04	4.01E-08	1.17E-08
1326 490708.06, 3859740.74	1.33E-02	4.20E-06	1.22E-06	2.32E-04	7.31E-08	2.13E-08	1.33E-02	4.21E-06	1.22E-06	2.67E-04	8.43E-08	2.45E-08	1.39E-02	4.38E-06	1.27E-06	1.23E-04	3.90E-08	1.13E-08
1327 490758.06, 3859740.74	1.30E-02	4.11E-06	1.19E-06	2.31E-04	7.31E-08	2.12E-08	1.31E-02	4.12E-06	1.20E-06	2.67E-04	8.43E-08	2.45E-08	1.36E-02	4.29E-06	1.25E-06	1.23E-04	3.89E-08	1.13E-08
1328 490808.06, 3859740.74	1.27E-02	4.01E-06	1.17E-06	2.32E-04	7.31E-08	2.13E-08	1.28E-02	4.03E-06	1.17E-06	2.67E-04	8.44E-08	2.45E-08	1.33E-02	4.19E-06	1.22E-06	1.23E-04	3.89E-08	1.13E-08
1329 490858.06, 3859740.74	1.24E-02	3.93E-06	1.14E-06	2.32E-04	7.31E-08	2.13E-08	1.25E-02	3.94E-06	1.15E-06	2.67E-04	8.44E-08	2.45E-08	1.30E-02	4.10E-06	1.19E-06	1.23E-04	3.89E-08	1.13E-08
1330 490786.56, 3859749.39	1.29E-02	4.06E-06	1.18E-06	2.30E-04	7.27E-08	2.12E-08	1.29E-02	4.07E-06	1.18E-06	2.66E-04	8.39E-08	2.44E-08	1.34E-02	4.24E-06	1.23E-06	1.23E-04	3.87E-08	1.13E-08
1331 490836.56, 3859749.39	1.26E-02	3.97E-06	1.15E-06	2.31E-04	7.28E-08	2.12E-08	1.26E-02	3.98E-06	1.16E-06	2.66E-04	8.40E-08	2.44E-08	1.31E-02	4.14E-06	1.20E-06	1.23E-04	3.87E-08	1.13E-08
1332 490786.56, 3859799.39	1.29E-02	4.07E-06	1.19E-06	2.24E-04	7.08E-08	2.06E-08	1.29E-02	4.09E-06	1.19E-06	2.59E-04	8.17E-08	2.38E-08	1.35E-02	4.25E-06	1.24E-06	1.19E-04	3.77E-08	1.10E-08
1333 490836.56, 3859799.39	1.26E-02	3.98E-06	1.16E-06	2.24E-04	7.08E-08	2.06E-08	1.27E-02	4.00E-06	1.16E-06	2.59E-04	8.17E-08	2.38E-08	1.32E-02	4.16E-06	1.21E-06	1.19E-04	3.77E-08	1.10E-08
1334 492307.84, 3854508.36	1.87E-03	5.89E-07	1.71E-07	5.14E-04	1.62E-07	4.72E-08	1.96E-03	6.17E-07	1.79E-07	5.95E-04	1.88E-07	5.46E-08	1.65E-03	5.20E-07	1.51E-07	2.69E-04	8.48E-08	2.47E-08
1335 486445.7, 3854753.6	2.15E-03	6.78E-07	1.97E-07	7.27E-04	2.30E-07	6.68E-08	2.27E-03	7.18E-07	2.09E-07	8.42E-04	2.66E-07	7.73E-08	1.82E-03	5.73E-07	1.67E-07	3.79E-04	1.20E-07	3.48E-08
1336 472599.75, 3877830.11	1.22E-04	3.86E-08	1.12E-08	1.09E-05	3.43E-09	9.97E-10	1.24E-04	3.92E-08	1.14E-08	1.25E-05	3.96E-09	1.15E-09	1.22E-04	3.85E-08	1.12E-08	5.74E-06	1.81E-09	5.27E-10
1337 493107.48, 3866840.19	3.61E-04	1.14E-07	3.32E-08	3.45E-05	1.09E-08	3.17E-09	3.67E-04	1.16E-07	3.37E-08	3.99E-05	1.26E-08	3.66E-09	3.59E-04	1.13E-07	3.30E-08	1.82E-05	5.73E-09	1.67E-09
1338 495815.8, 3861662.87	2.34E-03	7.37E-07	2.14E-07	1.13E-04	3.56E-08	1.04E-08	2.35E-03	7.43E-07	2.16E-07	1.30E-04	4.12E-08	1.20E-08	2.39E-03	7.55E-07	2.20E-07	5.92E-05	1.87E-08	5.44E-09
1339 480272.33, 3841389.2	4.18E-05	1.32E-08	3.83E-09	4.01E-06	1.26E-09	3.68E-10	4.24E-05	1.34E-08	3.89E-09	4.60E-06	1.45E-09	4.22E-10	4.10E-05	1.29E-08	3.77E-09	2.20E-06	6.96E-10	2.02E-10
1340 497005.18, 3862813.64	1.48E-03	4.66E-07	1.36E-07	7.75E-05	2.45E-08	7.12E-09	1.49E-03	4.70E-07	1.37E-07	8.97E-05	2.83E-08	8.23E-09	1.51E-03	4.76E-07	1.39E-07	4.07E-05	1.29E-08	3.74E-09
1341 493677.33, 3860302.55	5.09E-03	1.61E-06	4.67E-07	1.98E-04	6.25E-08	1.82E-08	5.13E-03	1.62E-06	4.71E-07	2.29E-04	7.22E-08	2.10E-08	5.25E-03	1.66E-06	4.82E-07	1.04E-04	3.29E-08	9.58E-09
1342 493727.33, 3860302.55	5.04E-03	1.59E-06	4.63E-07	1.98E-04	6.24E-08	1.82E-08	5.07E-03	1.60E-06	4.66E-07	2.29E-04	7.22E-08	2.10E-08	5.19E-03	1.64E-06	4.77E-07	1.04E-04	3.29E-08	9.57E-09
1343 493777.33, 3860302.55	4.99E-03	1.57E-06	4.58E-07	1.98E-04	6.24E-08	1.82E-08	5.02E-03	1.59E-06	4.61E-07	2.29E-04	7.22E-08	2.10E-08	5.14E-03	1.62E-06	4.72E-07	1.04E-04	3.29E-08	9.57E-09
1344 493827.33, 3860302.55	4.94E-03	1.56E-06	4.53E-07	1.98E-04	6.24E-08	1.81E-08	4.97E-03	1.57E-06	4.56E-07	2.28E-04	7.21E-08	2.10E-08	5.08E-03	1.60E-06	4.67E-07	1.04E-04	3.29E-08	9.57E-09
1345 493877.33, 3860302.55	4.89E-03	1.54E-06	4.49E-07	1.97E-04	6.23E-08	1.81E-08	4.92E-03	1.55E-06	4.52E-07	2.28E-04	7.20E-08	2.09E-08	5.03E-03	1.59E-06	4.62E-07	1.04E-04	3.28E-08	9.55E-09
1346 493927.33, 3860302.55	4.85E-03	1.53E-06	4.45E-07	1.97E-04	6.22E-08	1.81E-08	4.88E-03	1.54E-06	4.48E-07	2.28E-04	7.19E-08	2.09E-08	4.99E-03	1.57E-06	4.58E-07	1.04E-04	3.28E-08	9.53E-09
1347 493977.33, 3860302.55	4.78E-03	1.51E-06	4.39E-07	1.97E-04	6.22E-08	1.81E-08	4.82E-03	1.52E-06	4.42E-07	2.28E-04	7.19E-08	2.09E-08	4.92E-03	1.55E-06	4.52E-07	1.04E-04	3.28E-08	9.54E-09
1348 494027.33, 3860302.55	4.73E-03	1.49E-06	4.34E-07	1.97E-04	6.21E-08	1.81E-08	4.76E-03	1.50E-06	4.37E-07	2.28E-04	7.18E-08	2.09E-08	4.86E-03	1.54E-06	4.47E-07	1.04E-04	3.27E-08	9.53E-09
1349 493677.33, 3860352.55	5.02E-03	1.58E-06	4.61E-07	1.94E-04	6.11E-08	1.78E-08	5.05E-03	1.60E-06	4.64E-07	2.24E-04	7.06E-08	2.05E-08	5.18E-03	1.63E-06	4.75E-07	1.02E-04	3.22E-08	9.36E-09
1350 493727.33, 3860352.55	4.98E-03	1.57E-06	4.57E-07	1.93E-04	6.11E-08	1.78E-08	5.01E-03	1.58E-06	4.60E-07	2.24E-04	7.06E-08	2.05E-08	5.13E-03	1.62E-06	4.71E-07	1.02E-04	3.22E-08	9.36E-09
1351 493777.33, 3860352.55	4.93E-03	1.56E-06	4.53E-07	1.93E-04	6.10E-08	1.78E-08	4.96E-03	1.57E-06	4.56E-07	2.24E-04	7.05E-08	2.05E-08	5.08E-03	1.60E-06	4.66E-07	1.02E-04	3.22E-08	9.36E-09
1352 493827.33, 3860352.55	4.88E-03	1.54E-06	4.48E-07	1.93E-04	6.10E-08	1.77E-08	4.92E-03	1.55E-06	4.51E-07	2.23E-04	7.05E-08	2.05E-08	5.03E-03	1.59E-06	4.62E-07	1.02E-04	3.22E-08	9.35E-09
1353 493877.33, 3860352.55	4.83E-03	1.53E-06	4.44E-07	1.93E-04	6.10E-08	1.77E-08	4.87E-03	1.54E-06	4.47E-07	2.23E-04	7.05E-08	2.05E-08	4.98E-03	1.57E-06	4.57E-07	1.02E-04	3.22E-08	9.35E-09
1354 493927.33, 3860352.55	4.78E-03	1.51E-06	4.39E-07	1.93E-04	6.10E-08	1.78E-08	4.81E-03	1.52E-06	4.42E-07	2.23E-04	7.05E-08	2.05E-08	4.92E-03	1.55E-06	4.52E-07	1.02E-04	3.22E-08	9.36E-09
1355 493977.33, 3860352.55	4.72E-03	1.49E-06	4.34E-07	1.93E-04	6.11E-08	1.78E-08	4.76E-03	1.50E-06	4.37E-07	2.24E-04	7.06E-08	2.05E-08	4.86E-03	1.53E-06	4.46E-07	1.02E-04	3.22E-08	9.36E-09
1356 494027.33, 3860352.55	4.68E-03	1.48E-06	4.30E-07	1.93E-04	6.10E-08	1.77E-08	4.71E-03	1.49E-06	4.33E-07	2.23E-04	7.05E-08	2.05E-08	4.82E-03	1.52E-06	4.42E-07	1.02E-04	3.21E-08	9.35E-09
1357 493677.33, 3860402.55	4.95E-03	1.56E-06	4.55E-07	1.89E-04	5.96E-08	1.73E-08	4.98E-03	1.57E-06	4.58E-07	2.18E-04	6.89E-08	2.00E-08	5.11E-03	1.61E-06	4.69E-07	9.95E-05	3.14E-08	9.13E-09
1358 493727.33, 3860402.55	4.91E-03	1.55E-06	4.50E-07	1.89E-04	5.96E-08	1.73E-08	4.94E-03	1.56E-06	4.53E-07	2.18E-04	6.89E-08	2.00E-08	5.06E-03	1.60E-06	4.64E-07	9.95E-05	3.14E-08	9.13E-09
1359 493777.33, 3860402.55	4.85E-03	1.53E-06	4.46E-07	1.89E-04	5.98E-08	1.74E-08	4.89E-03	1.54E-06	4.49E-07	2.19E-04	6.91E-08	2.01E-08	5.00E-03	1.58E-06	4.59E-07	9.98E-05	3.15E-08	9.16E-09
1360 493827.33, 3860402.55	4.81E-03	1.52E-06	4.42E-07	1.89E-04	5.97E-08	1.74E-08	4.85E-03	1.53E-06	4.45E-07	2.19E-04	6.90E-08	2.01E-08	4.96E-03	1.57E-06	4.55E-07	9.97E-05	3.15E-08	9.15E-09
1361 493877.33, 3860402.55	4.77E-03	1.51E-06	4.38E-07	1.89E-04	5.97E-08	1.74E-08	4.80E-03	1.52E-06	4.41E-07	2.19E-04	6.90E-08	2.01E-08	4.91E-03	1.55E-06	4.51E-07	9.96E-05	3.14E-08	9.15E-09
1362 493927.33, 3860402.55	4.72E-03	1.49E-06	4.33E-07	1.89E-04	5.98E-08	1.74E-08	4.75E-03	1.50E-06	4.36E-07	2.19E-04	6.91E-08	2.01E-08	4.86E-03	1.53E-06	4.46E-07	9.98E-05	3.15E-08	9.16E-09
1363 493977.33, 3860402.55	4.66E-03	1.47E-06	4.28E-07	1.90E-04	5.99E-08	1.74E-08	4.70E-03	1.48E-06	4.31E-07	2.19E-04	6.92E-08	2.01E-08	4.80E-03	1.51E-06	4.41E-07	1.00E-04	3.15E-08	9.18E-09
1364 494027.33, 3860402.55	4.62E-03	1.46E-06	4.25E-07	1.89E-04	5.98E-08	1.74E-08	4.66E-03	1.47E-06	4.27E-07	2.19E-04	6.91E-08	2.01E-08	4.76E-03	1.50E-06	4.37E-07	9.98E-05	3.15E-08	9.16E-09
1365 493677.33, 3860452.55	4.87E-03	1.54E-06	4.47E-07	1.84E-04	5.82E-08	1.69E-08	4.90E-03	1.55E-06	4.50E-07	2.13E-04	6.72E-08	1.96E-08	5.02E-03	1.59E-06	4.61E-07	9.71E-05	3.06E-08	8.91E-09
1366 493727.33, 3860452.55	4.83E-03	1.52E-06	4.44E-07	1.84E-04	5.81E-08	1.69E-08	4.86E-03	1.53E-06	4.46E-07	2.13E-04	6.72E-08	1.95E-08	4.98E-03	1.57E-06	4.57E-07	9.70E-05	3.06E-08	8.91E-09
1367 493777.33, 3860452.55	4.79E-03	1.51E-06	4.40E-07	1.84E-04	5.82E-08	1.69E-08	4.82E-03	1.52E-06	4.42E-07	2.13E-04	6.72E-08	1.96E-08	4.93E-03	1.56E-06	4.53E-07	9.71E-05	3.06E-08	8.91E-09
1368 493827.33, 3860452.55	4.74E-03	1.50E-06	4.35E-07	1.85E-04	5.83E-08	1.70E-08	4.77E-03	1.51E-06	4.38E-07	2.14E-04	6.74E-08	1.96E-08	4.89E-03	1.54E-06	4.49E-07	9.73E-05	3.07E-08	8.94E-09
1369 493877.33, 3860452.55	4.70E-03	1.48E-06	4.31E-07	1.85E-04	5.84E-08	1.70E-08	4.73E-03	1.49E-06	4.34E-07	2.14E-04	6.75E-08	1.96E-08	4.84E-03	1.53E-06	4.44E-07	9.75E-05	3.08E-08	8.95E-09
1370 493927.33, 3860452.55	4.65E-03	1.47E-06	4.26E-07	1.86E-04	5.86E-08	1.70E-08	4.68E-03	1.48E-06	4.29E-07	2.15E-04	6.77E-08	1.97E-08	4.78E-03	1.51E-06	4.39E-07	9.78E-05	3.09E-08	8.98E-09
1371 493977.33, 3860452.55	4.60E-03	1.45E-06	4.23E-07	1.86E-04	5.86E-08	1.70E-08	4.64E-03	1.46E-06	4.26E-07	2.15E-04	6.77E-08	1.97E-08	4.74E-03	1.50E-06	4.35E-07	9.78E-05	3.09E-08	8.98E-09
1372 494027.33, 3860452.55	4.56E-03	1.44E-06	4.19E-07	1.85E-04	5.85E-08	1.70E-08	4.60E-03	1.45E-06	4.22E-07	2.14E-04	6.77E-08	1.97E-08	4.70E-03	1.48E-06	4.31E-07	9.77E-05	3.08E-08	8.97E-09
1373 493677.33, 3860502.55	4.79E-03	1.51E-06	4.40E-07	1.80E-04	5.67E-08	1.65E-08	4.82E-03	1.52E-06	4.43E-07	2.08E-04	6.55E-08	1.91E-08	4.94E-03	1.56E-06	4.54E-07	9.46E-05	2.99E-08	8.69E-09
1374 493727.33, 3860502.55	4.75E-03	1.50E-06	4.36E-07	1.80E-04	5.67E-08	1.65E-08	4.78E-03	1.51E-06	4.39E-07	2.08E-04	6.55E-08	1.91E-08	4.90E-03	1.55E-06	4.50E-07	9.46E-05	2.99E-08	8.69E-09
1375 493777.33, 3860502.55	4.71E-03	1.49E-06	4.32E-07	1.80E-04	5.68E-08	1.65E-08	4.74E-03	1.50E-06	4.35E-07	2.08E-04	6.56E-08	1.91E-08	4.85E-03	1.53E-06	4.46E-07	9.48E-05	2.99E-08	8.70E-09
1376 493827.33, 3860502.55	4.67E-03	1.47E-06	4.28E-07	1.80E-04	5.69E-08	1.65E-08	4.70E-03	1.48E-06	4.31E-07	2.08E-04	6.58E-08	1.91E-08	4.81E-03	1.52E-06	4.41E-07	9.50E-05	3.00E-08	8.72E-09
1377 493877.33, 3860502.55	4.62E-03	1.46E-06	4.24E-07	1.81E-04	5.70E-08	1.66E-08	4.65E-03	1.47E-06	4.27E-07	2.09E-04	6.59E-08	1.92E-08	4.76E-03	1.50E-06	4.37E-07	9.52E-05	3.00E-08	8.74E-09
1378 493927.33, 3860502.55	4.58E-03	1.44E-06	4.20E-07	1.81E-04	5.72E-08	1.66E-08	4.61E-03	1.45E-06	4.23E-07	2.10E-04	6.61E-08	1.92E-08	4.71E-03	1.49E-06	4.33E-07	9.55E-05	3.01E-08	8.77E-09
1379 493977.33, 3860502.55	4.54E-03	1.43E-06	4.17E-07	1.81E-04	5.72E-08	1.66E-08	4.57E-03	1.44E-06	4.19E-07	2.10E-04	6.62E-08	1.92E-08	4.67E-03	1.47E-06	4.29E-07	9.55E-05	3.01E-08	8.77E-09
1380 494027.33, 3860502.55	4.50E-03	1.42E-06	4.13E-07	1.81E-04	5.73E-08	1.67E-08	4.53E-03	1.43E-06	4.16E-07	2.10E-04	6.62E-08	1.92E-08	4.63E-03	1.46E-06	4.25E-07	9.56E-05	3.02E-08	8.77E-09
1381 493627.33, 3860552.55	4.75E-03	1.50E-06	4.36E-07	1.74E-04	5.50E-08	1.60E-08	4.78E-03	1.51E-06	4.39E-07	2.02E-04	6.36E-08	1.85E-08	4.90E-03	1.55E-06	4.50E-07	9.18E-05	2.90E-08	8.43E-09
1382 493677.33, 3860552.55	4.71E-03	1.49E-06	4.33E-07	1.75E-04	5.51E-08	1.60E-08	4.74E-03	1.50E-06	4.35E-07	2.02E-04	6.37E-08	1.85E-08	4.86E-03	1.53E-06	4.46E-07	9.20E-05	2.90E-08	8.44E-09

1383 493727.33, 3860552.55	4.67E-03	1.47E-06	4.29E-07	1.75E-04	5.52E-08	1.60E-08	4.70E-03	1.48E-06	4.31E-07	2.02E-04	6.38E-08	1.86E-08	4.82E-03	1.52E-06	4.42E-07	9.21E-05	2.91E-08	8.45E-09
1384 493777.33, 3860552.55	4.63E-03	1.46E-06	4.25E-07	1.75E-04	5.53E-08	1.61E-08	4.66E-03	1.47E-06	4.28E-07	2.03E-04	6.40E-08	1.86E-08	4.77E-03	1.51E-06	4.38E-07	9.24E-05	2.91E-08	8.48E-09
1385 493827.33, 3860552.55	4.59E-03	1.45E-06	4.21E-07	1.76E-04	5.55E-08	1.62E-08	4.62E-03	1.46E-06	4.24E-07	2.03E-04	6.42E-08	1.87E-08	4.73E-03	1.49E-06	4.34E-07	9.27E-05	2.93E-08	8.51E-09
1386 493877.33, 3860552.55	4.55E-03	1.43E-06	4.17E-07	1.76E-04	5.56E-08	1.62E-08	4.58E-03	1.44E-06	4.20E-07	2.04E-04	6.43E-08	1.87E-08	4.69E-03	1.48E-06	4.30E-07	9.28E-05	2.93E-08	8.52E-09
1387 493927.33, 3860552.55	4.51E-03	1.42E-06	4.14E-07	1.77E-04	5.58E-08	1.62E-08	4.54E-03	1.43E-06	4.16E-07	2.04E-04	6.45E-08	1.88E-08	4.64E-03	1.47E-06	4.26E-07	9.31E-05	2.94E-08	8.54E-09
1388 493977.33, 3860552.55	4.47E-03	1.41E-06	4.10E-07	1.77E-04	5.59E-08	1.63E-08	4.50E-03	1.42E-06	4.13E-07	2.05E-04	6.47E-08	1.88E-08	4.60E-03	1.45E-06	4.22E-07	9.33E-05	2.95E-08	8.57E-09
1389 494027.33, 3860552.55	4.43E-03	1.40E-06	4.06E-07	1.77E-04	5.60E-08	1.63E-08	4.46E-03	1.41E-06	4.09E-07	2.05E-04	6.47E-08	1.88E-08	4.56E-03	1.44E-06	4.19E-07	9.34E-05	2.95E-08	8.57E-09
1390 493627.33, 3860602.55	4.67E-03	1.47E-06	4.28E-07	1.70E-04	5.35E-08	1.56E-08	4.69E-03	1.48E-06	4.31E-07	1.96E-04	6.19E-08	1.80E-08	4.82E-03	1.52E-06	4.42E-07	8.93E-05	2.82E-08	8.20E-09
1391 493727.33, 3860602.55	4.59E-03	1.45E-06	4.21E-07	1.70E-04	5.36E-08	1.56E-08	4.61E-03	1.46E-06	4.24E-07	1.96E-04	6.20E-08	1.80E-08	4.73E-03	1.49E-06	4.34E-07	8.95E-05	2.82E-08	8.21E-09
1392 493777.33, 3860602.55	4.55E-03	1.43E-06	4.17E-07	1.71E-04	5.39E-08	1.57E-08	4.57E-03	1.44E-06	4.20E-07	1.97E-04	6.23E-08	1.81E-08	4.69E-03	1.48E-06	4.30E-07	9.00E-05	2.84E-08	8.26E-09
1393 493827.33, 3860602.55	4.51E-03	1.42E-06	4.14E-07	1.71E-04	5.41E-08	1.57E-08	4.54E-03	1.43E-06	4.16E-07	1.98E-04	6.25E-08	1.82E-08	4.65E-03	1.47E-06	4.27E-07	9.02E-05	2.85E-08	8.28E-09
1394 493877.33, 3860602.55	4.47E-03	1.41E-06	4.10E-07	1.72E-04	5.43E-08	1.58E-08	4.50E-03	1.42E-06	4.13E-07	1.99E-04	6.28E-08	1.83E-08	4.61E-03	1.45E-06	4.23E-07	9.06E-05	2.86E-08	8.32E-09
1395 493927.33, 3860602.55	4.43E-03	1.40E-06	4.07E-07	1.72E-04	5.44E-08	1.58E-08	4.46E-03	1.41E-06	4.09E-07	1.99E-04	6.29E-08	1.83E-08	4.57E-03	1.44E-06	4.19E-07	9.08E-05	2.87E-08	8.34E-09
1396 493977.33, 3860602.55	4.39E-03	1.39E-06	4.03E-07	1.73E-04	5.46E-08	1.59E-08	4.42E-03	1.40E-06	4.06E-07	2.00E-04	6.31E-08	1.84E-08	4.52E-03	1.43E-06	4.15E-07	9.11E-05	2.88E-08	8.36E-09
1397 494027.33, 3860602.55	4.36E-03	1.38E-06	4.00E-07	1.73E-04	5.46E-08	1.59E-08	4.39E-03	1.38E-06	4.03E-07	2.00E-04	6.31E-08	1.84E-08	4.49E-03	1.42E-06	4.12E-07	9.11E-05	2.88E-08	8.37E-09
1398 493627.33, 3860652.55	4.58E-03	1.44E-06	4.20E-07	1.65E-04	5.20E-08	1.51E-08	4.61E-03	1.45E-06	4.23E-07	1.90E-04	6.01E-08	1.75E-08	4.73E-03	1.49E-06	4.34E-07	8.67E-05	2.74E-08	7.96E-09
1399 493727.33, 3860652.55	4.50E-03	1.42E-06	4.13E-07	1.65E-04	5.21E-08	1.52E-08	4.53E-03	1.43E-06	4.16E-07	1.91E-04	6.03E-08	1.75E-08	4.64E-03	1.47E-06	4.26E-07	8.70E-05	2.75E-08	7.99E-09
1400 493777.33, 3860652.55	4.46E-03	1.41E-06	4.10E-07	1.66E-04	5.24E-08	1.52E-08	4.49E-03	1.42E-06	4.12E-07	1.92E-04	6.06E-08	1.76E-08	4.60E-03	1.45E-06	4.23E-07	8.74E-05	2.76E-08	8.03E-09
1401 493827.33, 3860652.55	4.42E-03	1.40E-06	4.06E-07	1.67E-04	5.26E-08	1.53E-08	4.45E-03	1.41E-06	4.09E-07	1.93E-04	6.08E-08	1.77E-08	4.56E-03	1.44E-06	4.19E-07	8.78E-05	2.77E-08	8.06E-09
1402 493877.33, 3860652.55	4.39E-03	1.38E-06	4.03E-07	1.68E-04	5.29E-08	1.54E-08	4.42E-03	1.39E-06	4.05E-07	1.94E-04	6.12E-08	1.78E-08	4.52E-03	1.43E-06	4.15E-07	8.83E-05	2.79E-08	8.10E-09
1403 493927.33, 3860652.55	4.35E-03	1.37E-06	4.00E-07	1.68E-04	5.31E-08	1.54E-08	4.38E-03	1.38E-06	4.02E-07	1.94E-04	6.13E-08	1.78E-08	4.49E-03	1.42E-06	4.12E-07	8.85E-05	2.79E-08	8.13E-09
1404 493977.33, 3860652.55	4.32E-03	1.36E-06	3.96E-07	1.69E-04	5.32E-08	1.55E-08	4.35E-03	1.37E-06	3.99E-07	1.95E-04	6.15E-08	1.79E-08	4.45E-03	1.40E-06	4.08E-07	8.88E-05	2.80E-08	8.15E-09
1405 494027.33, 3860652.55	4.28E-03	1.35E-06	3.93E-07	1.69E-04	5.34E-08	1.55E-08	4.31E-03	1.36E-06	3.96E-07	1.96E-04	6.17E-08	1.80E-08	4.41E-03	1.39E-06	4.05E-07	8.91E-05	2.81E-08	8.18E-09
1406 494311.06, 3858401.99	2.72E-03	8.58E-07	2.50E-07	2.32E-04	7.32E-08	2.13E-08	2.76E-03	8.71E-07	2.53E-07	2.68E-04	8.45E-08	2.46E-08	2.71E-03	8.56E-07	2.49E-07	1.24E-04	3.90E-08	1.13E-08
1407 494361.06, 3858401.99	2.68E-03	8.45E-07	2.46E-07	2.28E-04	7.20E-08	2.09E-08	2.71E-03	8.57E-07	2.49E-07	2.63E-04	8.30E-08	2.42E-08	2.67E-03	8.42E-07	2.45E-07	1.22E-04	3.83E-08	1.12E-08
1408 494411.06, 3858401.99	2.65E-03	8.35E-07	2.43E-07	2.25E-04	7.12E-08	2.07E-08	2.68E-03	8.47E-07	2.46E-07	2.60E-04	8.21E-08	2.39E-08	2.64E-03	8.32E-07	2.42E-07	1.20E-04	3.79E-08	1.10E-08
1409 494461.06, 3858401.99	2.63E-03	8.29E-07	2.41E-07	2.25E-04	7.09E-08	2.06E-08	2.67E-03	8.41E-07	2.45E-07	2.59E-04	8.18E-08	2.38E-08	2.62E-03	8.27E-07	2.40E-07	1.20E-04	3.78E-08	1.10E-08
1410 494511.06, 3858401.99	2.60E-03	8.19E-07	2.38E-07	2.22E-04	7.00E-08	2.04E-08	2.63E-03	8.31E-07	2.42E-07	2.56E-04	8.07E-08	2.35E-08	2.59E-03	8.16E-07	2.37E-07	1.18E-04	3.73E-08	1.08E-08
1411 494561.06, 3858401.99	2.58E-03	8.13E-07	2.37E-07	2.21E-04	6.96E-08	2.03E-08	2.61E-03	8.25E-07	2.40E-07	2.55E-04	8.03E-08	2.34E-08	2.57E-03	8.10E-07	2.36E-07	1.18E-04	3.71E-08	1.08E-08
1412 494611.06, 3858401.99	2.54E-03	8.03E-07	2.34E-07	2.18E-04	6.87E-08	2.00E-08	2.58E-03	8.14E-07	2.37E-07	2.51E-04	7.93E-08	2.31E-08	2.54E-03	8.00E-07	2.33E-07	1.16E-04	3.66E-08	1.07E-08
1413 494661.06, 3858401.99	2.52E-03	7.94E-07	2.31E-07	2.15E-04	6.79E-08	1.98E-08	2.55E-03	8.05E-07	2.34E-07	2.48E-04	7.84E-08	2.28E-08	2.51E-03	7.91E-07	2.30E-07	1.15E-04	3.62E-08	1.05E-08
1414 494711.06, 3858401.99	2.48E-03	7.81E-07	2.27E-07	2.12E-04	6.68E-08	1.94E-08	2.51E-03	7.93E-07	2.31E-07	2.44E-04	7.70E-08	2.24E-08	2.47E-03	7.79E-07	2.26E-07	1.13E-04	3.56E-08	1.04E-08
1415 494761.06, 3858401.99	2.45E-03	7.74E-07	2.25E-07	2.10E-04	6.62E-08	1.93E-08	2.49E-03	7.85E-07	2.28E-07	2.42E-04	7.64E-08	2.22E-08	2.44E-03	7.71E-07	2.24E-07	1.12E-04	3.53E-08	1.03E-08
1416 494811.06, 3858401.99	2.42E-03	7.64E-07	2.22E-07	2.07E-04	6.54E-08	1.90E-08	2.46E-03	7.75E-07	2.25E-07	2.39E-04	7.54E-08	2.19E-08	2.41E-03	7.61E-07	2.21E-07	1.10E-04	3.48E-08	1.01E-08
1417 494861.06, 3858401.99	2.39E-03	7.55E-07	2.20E-07	2.05E-04	6.46E-08	1.88E-08	2.43E-03	7.66E-07	2.23E-07	2.36E-04	7.45E-08	2.17E-08	2.38E-03	7.53E-07	2.19E-07	1.09E-04	3.44E-08	1.00E-08
1418 494911.06, 3858401.99	2.37E-03	7.47E-07	2.17E-07	2.02E-04	6.39E-08	1.86E-08	2.40E-03	7.58E-07	2.20E-07	2.33E-04	7.37E-08	2.14E-08	2.36E-03	7.44E-07	2.16E-07	1.08E-04	3.40E-08	9.90E-09
1419 494961.06, 3858401.99	2.34E-03	7.38E-07	2.15E-07	2.00E-04	6.31E-08	1.83E-08	2.37E-03	7.48E-07	2.18E-07	2.31E-04	7.28E-08	2.12E-08	2.33E-03	7.35E-07	2.14E-07	1.07E-04	3.36E-08	9.78E-09
1420 495011.06, 3858401.99	2.30E-03	7.26E-07	2.11E-07	1.97E-04	6.20E-08	1.80E-08	2.33E-03	7.37E-07	2.14E-07	2.27E-04	7.16E-08	2.08E-08	2.29E-03	7.24E-07	2.11E-07	1.05E-04	3.31E-08	9.62E-09
1421 495061.06, 3858401.99	2.27E-03	7.17E-07	2.09E-07	1.94E-04	6.13E-08	1.78E-08	2.31E-03	7.28E-07	2.12E-07	2.24E-04	7.07E-08	2.06E-08	2.26E-03	7.15E-07	2.08E-07	1.03E-04	3.27E-08	9.50E-09
1422 495111.06, 3858401.99	2.22E-03	7.02E-07	2.04E-07	1.89E-04	5.97E-08	1.74E-08	2.26E-03	7.12E-07	2.07E-07	2.18E-04	6.89E-08	2.00E-08	2.22E-03	7.00E-07	2.03E-07	1.01E-04	3.18E-08	9.26E-09
1423 495161.06, 3858401.99	2.21E-03	6.98E-07	2.03E-07	1.88E-04	5.95E-08	1.73E-08	2.24E-03	7.08E-07	2.06E-07	2.17E-04	6.86E-08	2.00E-08	2.20E-03	6.96E-07	2.02E-07	1.01E-04	3.17E-08	9.23E-09
1424 495211.06, 3858401.99	2.17E-03	6.85E-07	1.99E-07	1.84E-04	5.81E-08	1.69E-08	2.20E-03	6.94E-07	2.02E-07	2.12E-04	6.70E-08	1.95E-08	2.16E-03	6.82E-07	1.98E-07	9.82E-05	3.10E-08	9.02E-09
1425 495261.06, 3858401.99	2.14E-03	6.77E-07	1.97E-07	1.82E-04	5.74E-08	1.67E-08	2.17E-03	6.86E-07	2.00E-07	2.10E-04	6.62E-08	1.93E-08	2.14E-03	6.74E-07	1.96E-07	9.71E-05	3.06E-08	8.91E-09
1426 495311.06, 3858401.99	2.12E-03	6.68E-07	1.94E-07	1.80E-04	5.67E-08	1.65E-08	2.15E-03	6.78E-07	1.97E-07	2.07E-04	6.54E-08	1.90E-08	2.11E-03	6.66E-07	1.94E-07	9.59E-05	3.03E-08	8.80E-09
1427 495361.06, 3858401.99	2.10E-03	6.62E-07	1.93E-07	1.78E-04	5.62E-08	1.64E-08	2.13E-03	6.72E-07	1.95E-07	2.06E-04	6.49E-08	1.89E-08	2.09E-03	6.60E-07	1.92E-07	9.51E-05	3.00E-08	8.73E-09
1428 495411.06, 3858401.99	2.09E-03	6.58E-07	1.92E-07	1.77E-04	5.60E-08	1.63E-08	2.12E-03	6.68E-07	1.94E-07	2.05E-04	6.46E-08	1.88E-08	2.08E-03	6.56E-07	1.91E-07	9.47E-05	2.99E-08	8.70E-09
1429 495461.06, 3858401.99	2.08E-03	6.55E-07	1.91E-07	1.77E-04	5.59E-08	1.63E-08	2.11E-03	6.65E-07	1.93E-07	2.04E-04	6.45E-08	1.88E-08	2.07E-03	6.53E-07	1.90E-07	9.45E-05	2.98E-08	8.68E-09
1430 495511.06, 3858401.99	2.06E-03	6.52E-07	1.90E-07	1.76E-04	5.57E-08	1.62E-08	2.09E-03	6.61E-07	1.92E-07	2.04E-04	6.42E-08	1.87E-08	2.06E-03	6.49E-07	1.89E-07	9.41E-05	2.97E-08	8.64E-09
1431 495561.06, 3858401.99	2.04E-03	6.45E-07	1.88E-07	1.75E-04	5.52E-08	1.61E-08	2.07E-03	6.54E-07	1.90E-07	2.02E-04	6.37E-08	1.85E-08	2.04E-03	6.43E-07	1.87E-07	9.34E-05	2.95E-08	8.57E-09
1432 495611.06, 3858401.99	2.03E-03	6.42E-07	1.87E-07	1.75E-04	5.51E-08	1.60E-08	2.06E-03	6.51E-07	1.89E-07	2.01E-04	6.35E-08	1.85E-08	2.03E-03	6.39E-07	1.86E-07	9.31E-05	2.94E-08	8.55E-09
1433 495661.06, 3858401.99	2.03E-03	6.42E-07	1.87E-07	1.75E-04	5.53E-08	1.61E-08	2.06E-03	6.51E-07	1.89E-07	2.02E-04	6.38E-08	1.85E-08	2.03E-03	6.39E-07	1.86E-07	9.34E-05	2.95E-08	8.58E-09
1434 494311.06, 3858451.99	2.80E-03	8.83E-07	2.57E-07	2.36E-04	7.45E-08	2.17E-08	2.84E-03	8.96E-07	2.60E-07	2.72E-04	8.59E-08	2.50E-08	2.79E-03	8.81E-07	2.56E-07	1.26E-04	3.97E-08	1.15E-08
1435 494361.06, 3858451.99	2.76E-03	8.71E-07	2.53E-07	2.33E-04	7.35E-08	2.14E-08	2.80E-03	8.83E-07	2.57E-07	2.69E-04	8.48E-08	2.47E-08	2.75E-03	8.69E-07	2.53E-07	1.24E-04	3.91E-08	1.14E-08
1436 494411.06, 3858451.99	2.73E-03	8.61E-07	2.50E-07	2.30E-04	7.27E-08	2.11E-08	2.77E-03	8.73E-07	2.54E-07	2.66E-04	8.39E-08	2.44E-08	2.72E-03	8.58E-07	2.50E-07	1.23E-04	3.87E-08	1.13E-08
1437 494461.06, 3858451.99	2.70E-03	8.52E-07	2.48E-07	2.28E-04	7.20E-08	2.09E-08	2.74E-03	8.64E-07	2.51E-07	2.63E-04	8.31E-08	2.42E-08	2.69E-03	8.49E-07	2.47E-07	1.22E-04	3.84E-08	1.12E-08
1438 494511.06, 3858451.99	2.68E-03	8.45E-07	2.46E-07	2.27E-04	7.16E-08	2.08E-08	2.72E-03	8.57E-07	2.49E-07	2.62E-04	8.27E-08	2.40E-08	2.67E-03	8.43E-07	2.45E-07	1.21E-04	3.82E-08	1.11E-08
1439 494561.06, 3858451.99	2.64E-03	8.34E-07	2.43E-07	2.24E-04	7.07E-08	2.06E-08	2.68E-03	8.46E-07	2.46E-07	2.58E-04	8.16E-08	2.37E-08	2.64E-03	8.32E-07	2.42E-07	1.19E-04	3.77E-08	1.10E-08
1440 494611.06, 3858451.99	2.61E-03	8.25E-07	2.40E-07	2.22E-04	7.00E-08	2.04E-08	2.65E-03	8.37E-07	2.43E-07	2.56E-04	8.08E-08	2.35E-08	2.61E-03	8.23E-07	2.39E-07	1.18E-04	3.73E-08	1.09E-08
1441 494661.06, 3858451.99	2.59E-03	8.16E-07	2.37E-07	2.20E-04	6.93E-08	2.02E-08	2.62E-03	8.28E-07	2.41E-07	2.53E-04	8.00E-08	2.33E-08	2.58E-03	8.14E-07	2.37E-07	1.17E-04	3.69E-08	1.07E-08
1442 494711.06, 3858451.99	2.55E-03	8.05E-07	2.34E-07	2.16E-04	6.83E-08	1.99E-08	2.59E-03	8.16E-07	2.37E-07	2.50E-04	7.88E-08	2.29E-08	2.54E-03	8.02E-07	2.33E-07	1.15E-04	3.64E-08	1.06E-08
1443 494761.06, 3858451.99	2.51E-03	7.93E-07	2.31E-07	2.13E-04	6.73E-08	1.96E-08	2.55E-03	8.05E-07	2.34E-07	2.46E-04	7.77E-08	2.26E-08	2.51E-03	7.91E-07	2.30E-07	1.14E-04	3.59E-08	1.04E-08
1444 494811.06, 3858451.99	2.48E-03	7.84E-07	2.28E-07	2.11E-04	6.65E-08	1.94E-08	2.52E-03	7.95E-07	2.31E-07	2.43E-04	7.68E-08	2.23E-08	2.48E-03	7.82E-07	2.27E-07	1.12E-04	3.55E-08	1.03E-08
1445 494861.06, 3858451.99	2.45E-03	7.73E-07	2.25E-07	2.08E-04	6.56E-08	1.91E-08	2.49E-03	7.84E-07	2.28E-07	2.40E-04	7.57E-08	2.20E-08	2.44E-03	7.71E-07	2.24E-07	1.11E-04	3.49E-08	1.02E-08
1446 494911.06, 3858451.99	2.41E-03	7.61E-07	2.21E-07	2.04E-04	6.45E-08	1.88E-08	2.44E-03	7.72E-07	2.24E-07	2.36E-04	7.44E-08	2.17E-08	2.40E-03	7.58E-07	2.21E-07	1.09E-04	3.44E-08	1.00E-08
1447 494961.06, 3858451.99	2.38E-03	7.50E-07	2.18E-07	2.01E-04	6.35E-08	1.85E-08	2.41E-03	7.61E-07	2.21E-07	2.32E-04	7.33E-08	2.13E-08	2.37E-03	7.48E-07	2.18E-07	1.07E-04	3.38E-08	9.85E-09
1448 495011.06, 3858451.99	2.34E-03	7.38E-07	2.15E-07	1.98E-04	6.24E-08	1.81E-08	2.37E-03	7.49E-07	2.18E-07	2.28E-04	7.20E-08	2.09E-08	2.33E-03	7.36E-07	2.14E-07	1.05E-04	3.33E-08	9.68E-09

1449	495061.06, 3858451.99	2.32E-03	7.32E-07	2.13E-07	1.96E-04	6.19E-08	1.80E-08	2.35E-03	7.43E-07	2.16E-07	2.26E-04	7.15E-08	2.08E-08	2.31E-03	7.30E-07	2.12E-07	1.05E-04	3.30E-08	9.60E-09
1450	495111.06, 3858451.99	2.28E-03	7.21E-07	2.10E-07	1.93E-04	6.09E-08	1.77E-08	2.32E-03	7.31E-07	2.13E-07	2.23E-04	7.02E-08	2.04E-08	2.28E-03	7.19E-07	2.09E-07	1.03E-04	3.25E-08	9.44E-09
1451	495161.06, 3858451.99	2.24E-03	7.08E-07	2.06E-07	1.89E-04	5.97E-08	1.74E-08	2.27E-03	7.18E-07	2.09E-07	2.18E-04	6.88E-08	2.00E-08	2.24E-03	7.06E-07	2.05E-07	1.01E-04	3.18E-08	9.26E-09
1452	495211.06, 3858451.99	2.21E-03	6.96E-07	2.02E-07	1.86E-04	5.86E-08	1.70E-08	2.24E-03	7.06E-07	2.05E-07	2.14E-04	6.76E-08	1.97E-08	2.20E-03	6.94E-07	2.02E-07	9.90E-05	3.13E-08	9.09E-09
1453	495261.06, 3858451.99	2.18E-03	6.88E-07	2.00E-07	1.84E-04	5.79E-08	1.69E-08	2.21E-03	6.98E-07	2.03E-07	2.12E-04	6.68E-08	1.94E-08	2.17E-03	6.86E-07	2.00E-07	9.79E-05	3.09E-08	8.99E-09
1454	495311.06, 3858451.99	2.16E-03	6.81E-07	1.98E-07	1.82E-04	5.74E-08	1.67E-08	2.19E-03	6.91E-07	2.01E-07	2.10E-04	6.62E-08	1.93E-08	2.15E-03	6.80E-07	1.98E-07	9.70E-05	3.06E-08	8.91E-09
1455	495361.06, 3858451.99	2.14E-03	6.76E-07	1.97E-07	1.80E-04	5.69E-08	1.66E-08	2.17E-03	6.85E-07	1.99E-07	2.08E-04	6.57E-08	1.91E-08	2.13E-03	6.74E-07	1.96E-07	9.62E-05	3.04E-08	8.83E-09
1456	495411.06, 3858451.99	2.13E-03	6.72E-07	1.96E-07	1.80E-04	5.68E-08	1.65E-08	2.16E-03	6.82E-07	1.98E-07	2.08E-04	6.55E-08	1.91E-08	2.12E-03	6.70E-07	1.95E-07	9.59E-05	3.03E-08	8.81E-09
1457	495461.06, 3858451.99	2.12E-03	6.69E-07	1.95E-07	1.80E-04	5.67E-08	1.65E-08	2.15E-03	6.79E-07	1.97E-07	2.07E-04	6.54E-08	1.90E-08	2.11E-03	6.67E-07	1.94E-07	9.58E-05	3.02E-08	8.79E-09
1458	495511.06, 3858451.99	2.10E-03	6.63E-07	1.93E-07	1.78E-04	5.62E-08	1.63E-08	2.13E-03	6.72E-07	1.95E-07	2.05E-04	6.48E-08	1.88E-08	2.09E-03	6.61E-07	1.92E-07	9.49E-05	3.00E-08	8.71E-09
1459	495561.06, 3858451.99	2.10E-03	6.62E-07	1.93E-07	1.78E-04	5.63E-08	1.64E-08	2.13E-03	6.71E-07	1.95E-07	2.06E-04	6.50E-08	1.89E-08	2.09E-03	6.60E-07	1.92E-07	9.52E-05	3.00E-08	8.74E-09
1460	495611.06, 3858451.99	2.07E-03	6.54E-07	1.90E-07	1.76E-04	5.57E-08	1.62E-08	2.10E-03	6.63E-07	1.93E-07	2.03E-04	6.42E-08	1.87E-08	2.07E-03	6.52E-07	1.90E-07	9.40E-05	2.97E-08	8.63E-09
1461	495661.06, 3858451.99	2.07E-03	6.52E-07	1.90E-07	1.76E-04	5.56E-08	1.62E-08	2.10E-03	6.61E-07	1.92E-07	2.03E-04	6.42E-08	1.87E-08	2.06E-03	6.50E-07	1.89E-07	9.40E-05	2.97E-08	8.63E-09
1462	494311.06, 3858501.99	2.84E-03	8.96E-07	2.61E-07	2.36E-04	7.43E-08	2.16E-08	2.88E-03	9.08E-07	2.64E-07	2.72E-04	8.58E-08	2.50E-08	2.83E-03	8.94E-07	2.60E-07	1.25E-04	3.96E-08	1.15E-08
1463	494361.06, 3858501.99	2.81E-03	8.87E-07	2.58E-07	2.34E-04	7.38E-08	2.15E-08	2.85E-03	9.00E-07	2.62E-07	2.70E-04	8.51E-08	2.48E-08	2.81E-03	8.86E-07	2.58E-07	1.24E-04	3.93E-08	1.14E-08
1464	494411.06, 3858501.99	2.78E-03	8.77E-07	2.55E-07	2.31E-04	7.31E-08	2.13E-08	2.82E-03	8.90E-07	2.59E-07	2.67E-04	8.43E-08	2.45E-08	2.78E-03	8.76E-07	2.55E-07	1.23E-04	3.89E-08	1.13E-08
1465	494461.06, 3858501.99	2.76E-03	8.71E-07	2.53E-07	2.30E-04	7.27E-08	2.11E-08	2.80E-03	8.83E-07	2.57E-07	2.66E-04	8.39E-08	2.44E-08	2.75E-03	8.69E-07	2.53E-07	1.23E-04	3.87E-08	1.13E-08
1466	494511.06, 3858501.99	2.72E-03	8.58E-07	2.50E-07	2.27E-04	7.16E-08	2.08E-08	2.76E-03	8.70E-07	2.53E-07	2.62E-04	8.27E-08	2.40E-08	2.71E-03	8.56E-07	2.49E-07	1.21E-04	3.82E-08	1.11E-08
1467	494561.06, 3858501.99	2.72E-03	8.57E-07	2.49E-07	2.28E-04	7.19E-08	2.09E-08	2.75E-03	8.69E-07	2.53E-07	2.63E-04	8.29E-08	2.41E-08	2.71E-03	8.55E-07	2.49E-07	1.21E-04	3.83E-08	1.11E-08
1468	494611.06, 3858501.99	2.68E-03	8.46E-07	2.46E-07	2.25E-04	7.10E-08	2.07E-08	2.72E-03	8.58E-07	2.50E-07	2.60E-04	8.19E-08	2.38E-08	2.67E-03	8.44E-07	2.46E-07	1.20E-04	3.78E-08	1.10E-08
1469	494661.06, 3858501.99	2.66E-03	8.38E-07	2.44E-07	2.23E-04	7.05E-08	2.05E-08	2.69E-03	8.50E-07	2.47E-07	2.58E-04	8.14E-08	2.37E-08	2.65E-03	8.37E-07	2.43E-07	1.19E-04	3.75E-08	1.09E-08
1470	494711.06, 3858501.99	2.62E-03	8.26E-07	2.40E-07	2.20E-04	6.95E-08	2.02E-08	2.66E-03	8.38E-07	2.44E-07	2.54E-04	8.02E-08	2.33E-08	2.61E-03	8.25E-07	2.40E-07	1.17E-04	3.70E-08	1.08E-08
1471	494761.06, 3858501.99	2.58E-03	8.13E-07	2.36E-07	2.16E-04	6.83E-08	1.99E-08	2.61E-03	8.24E-07	2.40E-07	2.50E-04	7.88E-08	2.29E-08	2.57E-03	8.11E-07	2.36E-07	1.15E-04	3.64E-08	1.06E-08
1472	494811.06, 3858501.99	2.54E-03	8.01E-07	2.33E-07	2.13E-04	6.72E-08	1.96E-08	2.57E-03	8.12E-07	2.36E-07	2.46E-04	7.76E-08	2.26E-08	2.53E-03	7.99E-07	2.32E-07	1.13E-04	3.58E-08	1.04E-08
1473	494861.06, 3858501.99	2.51E-03	7.92E-07	2.30E-07	2.11E-04	6.65E-08	1.94E-08	2.54E-03	8.03E-07	2.34E-07	2.43E-04	7.68E-08	2.23E-08	2.50E-03	7.90E-07	2.30E-07	1.12E-04	3.54E-08	1.03E-08
1474	494911.06, 3858501.99	2.46E-03	7.76E-07	2.26E-07	2.06E-04	6.50E-08	1.89E-08	2.49E-03	7.87E-07	2.29E-07	2.38E-04	7.51E-08	2.18E-08	2.45E-03	7.74E-07	2.25E-07	1.10E-04	3.47E-08	1.01E-08
1475	494961.06, 3858501.99	2.43E-03	7.67E-07	2.23E-07	2.04E-04	6.43E-08	1.87E-08	2.46E-03	7.78E-07	2.26E-07	2.35E-04	7.42E-08	2.16E-08	2.42E-03	7.65E-07	2.23E-07	1.09E-04	3.42E-08	9.96E-09
1476	495011.06, 3858501.99	2.39E-03	7.53E-07	2.19E-07	2.00E-04	6.30E-08	1.83E-08	2.42E-03	7.63E-07	2.22E-07	2.30E-04	7.27E-08	2.11E-08	2.38E-03	7.51E-07	2.19E-07	1.06E-04	3.36E-08	9.77E-09
1477	495061.06, 3858501.99	2.36E-03	7.46E-07	2.17E-07	1.98E-04	6.25E-08	1.82E-08	2.40E-03	7.57E-07	2.20E-07	2.29E-04	7.22E-08	2.10E-08	2.36E-03	7.45E-07	2.17E-07	1.06E-04	3.33E-08	9.69E-09
1478	495111.06, 3858501.99	2.31E-03	7.30E-07	2.12E-07	1.93E-04	6.10E-08	1.77E-08	2.35E-03	7.40E-07	2.15E-07	2.23E-04	7.03E-08	2.05E-08	2.31E-03	7.28E-07	2.12E-07	1.03E-04	3.25E-08	9.45E-09
1479	495161.06, 3858501.99	2.28E-03	7.19E-07	2.09E-07	1.90E-04	6.00E-08	1.75E-08	2.31E-03	7.29E-07	2.12E-07	2.19E-04	6.92E-08	2.01E-08	2.27E-03	7.18E-07	2.09E-07	1.01E-04	3.20E-08	9.30E-09
1480	495211.06, 3858501.99	2.24E-03	7.08E-07	2.06E-07	1.87E-04	5.90E-08	1.72E-08	2.28E-03	7.18E-07	2.09E-07	2.16E-04	6.81E-08	1.98E-08	2.24E-03	7.07E-07	2.06E-07	9.97E-05	3.15E-08	9.16E-09
1481	495261.06, 3858501.99	2.22E-03	7.01E-07	2.04E-07	1.85E-04	5.84E-08	1.70E-08	2.25E-03	7.10E-07	2.07E-07	2.14E-04	6.74E-08	1.96E-08	2.21E-03	6.99E-07	2.03E-07	9.87E-05	3.11E-08	9.06E-09
1482	495311.06, 3858501.99	2.20E-03	6.95E-07	2.02E-07	1.84E-04	5.81E-08	1.69E-08	2.23E-03	7.05E-07	2.05E-07	2.12E-04	6.70E-08	1.95E-08	2.20E-03	6.94E-07	2.02E-07	9.81E-05	3.10E-08	9.01E-09
1483	495361.06, 3858501.99	2.19E-03	6.90E-07	2.01E-07	1.83E-04	5.78E-08	1.68E-08	2.22E-03	7.00E-07	2.04E-07	2.11E-04	6.67E-08	1.94E-08	2.18E-03	6.89E-07	2.00E-07	9.76E-05	3.08E-08	8.96E-09
1484	495411.06, 3858501.99	2.17E-03	6.86E-07	2.00E-07	1.83E-04	5.76E-08	1.68E-08	2.20E-03	6.96E-07	2.02E-07	2.11E-04	6.65E-08	1.93E-08	2.17E-03	6.85E-07	1.99E-07	9.73E-05	3.07E-08	8.93E-09
1485	495461.06, 3858501.99	2.16E-03	6.83E-07	1.99E-07	1.82E-04	5.74E-08	1.67E-08	2.19E-03	6.92E-07	2.01E-07	2.10E-04	6.63E-08	1.93E-08	2.16E-03	6.81E-07	1.98E-07	9.70E-05	3.06E-08	8.91E-09
1486	495511.06, 3858501.99	2.15E-03	6.78E-07	1.97E-07	1.81E-04	5.71E-08	1.66E-08	2.18E-03	6.87E-07	2.00E-07	2.09E-04	6.59E-08	1.92E-08	2.14E-03	6.76E-07	1.97E-07	9.65E-05	3.05E-08	8.86E-09
1487	495561.06, 3858501.99	2.14E-03	6.77E-07	1.97E-07	1.81E-04	5.73E-08	1.67E-08	2.17E-03	6.86E-07	2.00E-07	2.09E-04	6.61E-08	1.92E-08	2.14E-03	6.75E-07	1.96E-07	9.67E-05	3.05E-08	8.88E-09
1488	495611.06, 3858501.99	2.13E-03	6.71E-07	1.95E-07	1.80E-04	5.69E-08	1.66E-08	2.16E-03	6.81E-07	1.98E-07	2.08E-04	6.57E-08	1.91E-08	2.12E-03	6.69E-07	1.95E-07	9.61E-05	3.03E-08	8.83E-09
1489	495661.06, 3858501.99	2.11E-03	6.67E-07	1.94E-07	1.80E-04	5.67E-08	1.65E-08	2.14E-03	6.77E-07	1.97E-07	2.07E-04	6.54E-08	1.90E-08	2.11E-03	6.65E-07	1.94E-07	9.58E-05	3.02E-08	8.79E-09
1490	494311.06, 3858551.99	2.84E-03	8.96E-07	2.61E-07	2.31E-04	7.30E-08	2.12E-08	2.88E-03	9.09E-07	2.64E-07	2.67E-04	8.43E-08	2.45E-08	2.84E-03	8.96E-07	2.61E-07	1.23E-04	3.89E-08	1.13E-08
1491	494361.06, 3858551.99	2.85E-03	8.99E-07	2.61E-07	2.33E-04	7.36E-08	2.14E-08	2.89E-03	9.11E-07	2.65E-07	2.69E-04	8.50E-08	2.47E-08	2.85E-03	8.98E-07	2.61E-07	1.24E-04	3.92E-08	1.14E-08
1492	494411.06, 3858551.99	2.85E-03	9.00E-07	2.62E-07	2.34E-04	7.39E-08	2.15E-08	2.89E-03	9.12E-07	2.65E-07	2.70E-04	8.53E-08	2.48E-08	2.85E-03	8.99E-07	2.61E-07	1.25E-04	3.94E-08	1.14E-08
1493	494461.06, 3858551.99	2.84E-03	8.95E-07	2.60E-07	2.34E-04	7.38E-08	2.15E-08	2.88E-03	9.08E-07	2.64E-07	2.70E-04	8.52E-08	2.48E-08	2.83E-03	8.94E-07	2.60E-07	1.25E-04	3.93E-08	1.14E-08
1494	494511.06, 3858551.99	2.81E-03	8.87E-07	2.58E-07	2.32E-04	7.33E-08	2.13E-08	2.85E-03	9.00E-07	2.62E-07	2.68E-04	8.46E-08	2.46E-08	2.81E-03	8.86E-07	2.58E-07	1.24E-04	3.90E-08	1.14E-08
1495	494561.06, 3858551.99	2.79E-03	8.80E-07	2.56E-07	2.31E-04	7.29E-08	2.12E-08	2.83E-03	8.93E-07	2.60E-07	2.67E-04	8.42E-08	2.45E-08	2.79E-03	8.79E-07	2.56E-07	1.23E-04	3.88E-08	1.13E-08
1496	494611.06, 3858551.99	2.76E-03	8.71E-07	2.53E-07	2.29E-04	7.23E-08	2.10E-08	2.80E-03	8.83E-07	2.57E-07	2.64E-04	8.34E-08	2.43E-08	2.76E-03	8.70E-07	2.53E-07	1.22E-04	3.85E-08	1.12E-08
1497	494661.06, 3858551.99	2.73E-03	8.62E-07	2.51E-07	2.27E-04	7.17E-08	2.09E-08	2.77E-03	8.74E-07	2.54E-07	2.62E-04	8.28E-08	2.41E-08	2.73E-03	8.61E-07	2.50E-07	1.21E-04	3.82E-08	1.11E-08
1498	494711.06, 3858551.99	2.69E-03	8.49E-07	2.47E-07	2.24E-04	7.06E-08	2.05E-08	2.73E-03	8.60E-07	2.50E-07	2.58E-04	8.14E-08	2.37E-08	2.68E-03	8.47E-07	2.46E-07	1.19E-04	3.76E-08	1.09E-08
1499	494761.06, 3858551.99	2.65E-03	8.35E-07	2.43E-07	2.20E-04	6.94E-08	2.02E-08	2.68E-03	8.47E-07	2.46E-07	2.54E-04	8.01E-08	2.33E-08	2.64E-03	8.34E-07	2.42E-07	1.17E-04	3.70E-08	1.08E-08
1500	494811.06, 3858551.99	2.61E-03	8.24E-07	2.40E-07	2.17E-04	6.86E-08	2.00E-08	2.65E-03	8.35E-07	2.43E-07	2.51E-04	7.92E-08	2.30E-08	2.61E-03	8.23E-07	2.39E-07	1.16E-04	3.65E-08	1.06E-08
1501	494861.06, 3858551.99	2.57E-03	8.11E-07	2.36E-07	2.14E-04	6.75E-08	1.96E-08	2.60E-03	8.22E-07	2.39E-07	2.47E-04	7.78E-08	2.26E-08	2.56E-03	8.09E-07	2.35E-07	1.14E-04	3.59E-08	1.04E-08
1502	494911.06, 3858551.99	2.52E-03	7.96E-07	2.31E-07	2.10E-04	6.61E-08	1.92E-08	2.56E-03	8.07E-07	2.35E-07	2.42E-04	7.63E-08	2.22E-08	2.52E-03	7.95E-07	2.31E-07	1.12E-04	3.52E-08	1.02E-08
1503	494961.06, 3858551.99	2.48E-03	7.84E-07	2.28E-07	2.06E-04	6.51E-08	1.89E-08	2.52E-03	7.95E-07	2.31E-07	2.38E-04	7.52E-08	2.19E-08	2.48E-03	7.83E-07	2.28E-07	1.10E-04	3.47E-08	1.01E-08
1504	495011.06, 3858551.99	2.44E-03	7.69E-07	2.24E-07	2.02E-04	6.38E-08	1.86E-08	2.47E-03	7.80E-07	2.27E-07	2.33E-04	7.36E-08	2.14E-08	2.43E-03	7.68E-07	2.23E-07	1.08E-04	3.40E-08	9.89E-09
1505	495061.06, 3858551.99	2.41E-03	7.60E-07	2.21E-07	2.00E-04	6.30E-08	1.83E-08	2.44E-03	7.70E-07	2.24E-07	2.30E-04	7.27E-08	2.11E-08	2.40E-03	7.59E-07	2.21E-07	1.06E-04	3.36E-08	9.76E-09
1506	495111.06, 3858551.99	2.35E-03	7.43E-07	2.16E-07	1.95E-04	6.14E-08	1.79E-08	2.39E-03	7.53E-07	2.19E-07	2.25E-04	7.09E-08	2.06E-08	2.35E-03	7.42E-07	2.16E-07	1.04E-04	3.27E-08	9.52E-09
1507	495161.06, 3858551.99	2.32E-03	7.32E-07	2.13E-07	1.91E-04	6.04E-08	1.76E-08	2.35E-03	7.42E-07	2.16E-07	2.21E-04	6.97E-08	2.03E-08	2.31E-03	7.31E-07	2.13E-07	1.02E-04	3.22E-08	9.37E-09
1508	495211.06, 3858551.99	2.29E-03	7.22E-07	2.10E-07	1.89E-04	5.96E-08	1.73E-08	2.32E-03	7.32E-07	2.13E-07	2.18E-04	6.88E-08	2.00E-08	2.28E-03	7.21E-07	2.10E-07	1.01E-04	3.18E-08	9.24E-09
1509	495261.06, 3858551.99	2.26E-03	7.14E-07	2.08E-07	1.87E-04	5.90E-08	1.72E-08	2.29E-03	7.24E-07	2.11E-07	2.16E-04	6.81E-08	1.98E-08	2.26E-03	7.13E-07	2.07E-07	9.97E-05	3.15E-08	9.15E-09
1510	495311.06, 3858551.99	2.25E-03	7.10E-07	2.06E-07	1.86E-04	5.88E-08	1.71E-08	2.28E-03	7.20E-07	2.09E-07	2.15E-04	6.79E-08	1.97E-08	2.25E-03	7.09E-07	2.06E-07	9.93E-05	3.13E-08	9.12E-09
1511	495361.06, 3858551.99	2.23E-03	7.05E-07	2.05E-07	1.85E-04	5.85E-08	1.70E-08	2.26E-03	7.15E-07	2.08E-07	2.14E-04	6.75E-08	1.96E-08	2.23E-03	7.04E-07	2.05E-07	9.88E-05	3.12E-08	9.07E-09
1512	495411.06, 3858551.99	2.22E-03	7.02E-07	2.04E-07	1.85E-04	5.84E-08	1.70E-08	2.25E-03	7.11E-07	2.07E-07	2.14E-04	6.74E-08	1.96E-08	2.22E-03	7.00E-07	2.04E-07	9.87E-05	3.11E-08	9.06E-09
1513	495461.06, 3858551.99	2.21E-03	6.97E-07	2.03E-07	1.84E-04	5.82E-08	1.69E-08	2.24E-03	7.07E-07	2.06E-07	2.13E-04	6.72E-08	1.95E-08	2.21E-03	6.96E-07	2.02E-07	9.83E-05	3.10E-08	9.02E-09
1514	495511.06, 3858551.99	2.20E-03	6.95E-07	2.02E-07	1.84E-04	5.81E-08	1.69E-08	2.23E-03	7.04E-07	2.05E-07	2.13E-04	6.71E-08	1.95E-08	2.20E-03	6.93E-07	2.02E-07	9.82E-05	3.10E-08	9.01E-09

1515 495561.06, 3858551.99	2.19E-03	6.90E-07	2.01E-07	1.84E-04	5.79E-08	1.68E-08	2.22E-03	7.00E-07	2.04E-07	2.12E-04	6.68E-08	1.94E-08	2.18E-03	6.89E-07	2.00E-07	9.78E-05	3.09E-08	8.98E-09
1516 495611.06, 3858551.99	2.17E-03	6.85E-07	1.99E-07	1.83E-04	5.76E-08	1.68E-08	2.20E-03	6.95E-07	2.02E-07	2.11E-04	6.65E-08	1.93E-08	2.17E-03	6.84E-07	1.99E-07	9.72E-05	3.07E-08	8.93E-09
1517 495661.06, 3858551.99	2.15E-03	6.80E-07	1.98E-07	1.81E-04	5.72E-08	1.66E-08	2.18E-03	6.89E-07	2.00E-07	2.09E-04	6.60E-08	1.92E-08	2.15E-03	6.78E-07	1.97E-07	9.66E-05	3.05E-08	8.87E-09
1518 494311.06, 3858601.99	2.75E-03	8.68E-07	2.53E-07	2.17E-04	6.85E-08	1.99E-08	2.79E-03	8.80E-07	2.56E-07	2.50E-04	7.90E-08	2.30E-08	2.75E-03	8.69E-07	2.53E-07	1.16E-04	3.65E-08	1.06E-08
1519 494361.06, 3858601.99	2.86E-03	9.04E-07	2.63E-07	2.30E-04	7.27E-08	2.11E-08	2.90E-03	9.16E-07	2.67E-07	2.66E-04	8.39E-08	2.44E-08	2.86E-03	9.04E-07	2.63E-07	1.23E-04	3.87E-08	1.13E-08
1520 494411.06, 3858601.99	2.93E-03	9.26E-07	2.69E-07	2.38E-04	7.52E-08	2.19E-08	2.97E-03	9.39E-07	2.73E-07	2.75E-04	8.68E-08	2.52E-08	2.93E-03	9.26E-07	2.69E-07	1.27E-04	4.00E-08	1.16E-08
1521 494461.06, 3858601.99	2.92E-03	9.21E-07	2.68E-07	2.38E-04	7.51E-08	2.18E-08	2.96E-03	9.34E-07	2.72E-07	2.74E-04	8.66E-08	2.52E-08	2.92E-03	9.21E-07	2.68E-07	1.27E-04	4.00E-08	1.16E-08
1522 494511.06, 3858601.99	2.88E-03	9.08E-07	2.64E-07	2.35E-04	7.43E-08	2.16E-08	2.92E-03	9.21E-07	2.68E-07	2.72E-04	8.57E-08	2.49E-08	2.88E-03	9.08E-07	2.64E-07	1.25E-04	3.96E-08	1.15E-08
1523 494561.06, 3858601.99	2.88E-03	9.07E-07	2.64E-07	2.36E-04	7.44E-08	2.16E-08	2.91E-03	9.20E-07	2.68E-07	2.72E-04	8.58E-08	2.50E-08	2.87E-03	9.07E-07	2.64E-07	1.25E-04	3.96E-08	1.15E-08
1524 494611.06, 3858601.99	2.84E-03	8.95E-07	2.60E-07	2.33E-04	7.34E-08	2.14E-08	2.88E-03	9.08E-07	2.64E-07	2.69E-04	8.48E-08	2.47E-08	2.83E-03	8.95E-07	2.60E-07	1.24E-04	3.91E-08	1.14E-08
1525 494661.06, 3858601.99	2.81E-03	8.86E-07	2.58E-07	2.31E-04	7.28E-08	2.12E-08	2.85E-03	8.98E-07	2.61E-07	2.66E-04	8.40E-08	2.44E-08	2.80E-03	8.85E-07	2.57E-07	1.23E-04	3.87E-08	1.13E-08
1526 494711.06, 3858601.99	2.76E-03	8.73E-07	2.54E-07	2.27E-04	7.17E-08	2.09E-08	2.80E-03	8.85E-07	2.57E-07	2.62E-04	8.28E-08	2.41E-08	2.76E-03	8.72E-07	2.54E-07	1.21E-04	3.82E-08	1.11E-08
1527 494761.06, 3858601.99	2.72E-03	8.59E-07	2.50E-07	2.24E-04	7.07E-08	2.06E-08	2.76E-03	8.71E-07	2.53E-07	2.58E-04	8.16E-08	2.37E-08	2.72E-03	8.58E-07	2.50E-07	1.19E-04	3.76E-08	1.09E-08
1528 494811.06, 3858601.99	2.66E-03	8.40E-07	2.44E-07	2.19E-04	6.90E-08	2.01E-08	2.70E-03	8.52E-07	2.48E-07	2.52E-04	7.97E-08	2.32E-08	2.66E-03	8.39E-07	2.44E-07	1.16E-04	3.68E-08	1.07E-08
1529 494861.06, 3858601.99	2.63E-03	8.29E-07	2.41E-07	2.16E-04	6.82E-08	1.98E-08	2.66E-03	8.41E-07	2.45E-07	2.49E-04	7.87E-08	2.29E-08	2.63E-03	8.29E-07	2.41E-07	1.15E-04	3.63E-08	1.06E-08
1530 494911.06, 3858601.99	2.57E-03	8.12E-07	2.36E-07	2.11E-04	6.67E-08	1.94E-08	2.61E-03	8.23E-07	2.39E-07	2.44E-04	7.70E-08	2.24E-08	2.57E-03	8.11E-07	2.36E-07	1.13E-04	3.55E-08	1.03E-08
1531 494961.06, 3858601.99	2.53E-03	7.99E-07	2.33E-07	2.08E-04	6.57E-08	1.91E-08	2.57E-03	8.10E-07	2.36E-07	2.40E-04	7.58E-08	2.20E-08	2.53E-03	7.99E-07	2.32E-07	1.11E-04	3.50E-08	1.02E-08
1532 495011.06, 3858601.99	2.49E-03	7.87E-07	2.29E-07	2.05E-04	6.46E-08	1.88E-08	2.53E-03	7.97E-07	2.32E-07	2.36E-04	7.46E-08	2.17E-08	2.49E-03	7.86E-07	2.29E-07	1.09E-04	3.44E-08	1.00E-08
1533 495061.06, 3858601.99	2.45E-03	7.73E-07	2.25E-07	2.01E-04	6.35E-08	1.85E-08	2.48E-03	7.84E-07	2.28E-07	2.32E-04	7.33E-08	2.13E-08	2.45E-03	7.73E-07	2.25E-07	1.07E-04	3.38E-08	9.84E-09
1534 495111.06, 3858601.99	2.39E-03	7.55E-07	2.20E-07	1.96E-04	6.17E-08	1.80E-08	2.43E-03	7.66E-07	2.23E-07	2.26E-04	7.12E-08	2.07E-08	2.39E-03	7.55E-07	2.20E-07	1.04E-04	3.29E-08	9.57E-09
1535 495161.06, 3858601.99	2.36E-03	7.45E-07	2.17E-07	1.93E-04	6.09E-08	1.77E-08	2.39E-03	7.55E-07	2.20E-07	2.23E-04	7.03E-08	2.04E-08	2.36E-03	7.44E-07	2.16E-07	1.03E-04	3.24E-08	9.44E-09
1536 495211.06, 3858601.99	2.34E-03	7.37E-07	2.15E-07	1.91E-04	6.04E-08	1.76E-08	2.37E-03	7.48E-07	2.17E-07	2.21E-04	6.97E-08	2.03E-08	2.33E-03	7.37E-07	2.14E-07	1.02E-04	3.22E-08	9.36E-09
1537 495261.06, 3858601.99	2.31E-03	7.29E-07	2.12E-07	1.89E-04	5.98E-08	1.74E-08	2.34E-03	7.39E-07	2.15E-07	2.19E-04	6.90E-08	2.01E-08	2.31E-03	7.29E-07	2.12E-07	1.01E-04	3.18E-08	9.26E-09
1538 495311.06, 3858601.99	2.29E-03	7.23E-07	2.10E-07	1.88E-04	5.94E-08	1.73E-08	2.32E-03	7.33E-07	2.13E-07	2.17E-04	6.85E-08	1.99E-08	2.29E-03	7.22E-07	2.10E-07	1.00E-04	3.16E-08	9.20E-09
1539 495361.06, 3858601.99	2.28E-03	7.19E-07	2.09E-07	1.87E-04	5.92E-08	1.72E-08	2.31E-03	7.29E-07	2.12E-07	2.16E-04	6.83E-08	1.99E-08	2.27E-03	7.18E-07	2.09E-07	9.99E-05	3.15E-08	9.17E-09
1540 495411.06, 3858601.99	2.26E-03	7.15E-07	2.08E-07	1.87E-04	5.90E-08	1.72E-08	2.30E-03	7.25E-07	2.11E-07	2.16E-04	6.81E-08	1.98E-08	2.26E-03	7.14E-07	2.08E-07	9.96E-05	3.14E-08	9.14E-09
1541 495461.06, 3858601.99	2.25E-03	7.11E-07	2.07E-07	1.87E-04	5.89E-08	1.71E-08	2.28E-03	7.21E-07	2.10E-07	2.15E-04	6.79E-08	1.98E-08	2.25E-03	7.10E-07	2.07E-07	9.93E-05	3.14E-08	9.12E-09
1542 495511.06, 3858601.99	2.23E-03	7.05E-07	2.05E-07	1.85E-04	5.84E-08	1.70E-08	2.26E-03	7.15E-07	2.08E-07	2.14E-04	6.74E-08	1.96E-08	2.23E-03	7.04E-07	2.05E-07	9.86E-05	3.11E-08	9.05E-09
1543 495561.06, 3858601.99	2.23E-03	7.02E-07	2.04E-07	1.85E-04	5.84E-08	1.70E-08	2.26E-03	7.12E-07	2.07E-07	2.14E-04	6.74E-08	1.96E-08	2.22E-03	7.01E-07	2.04E-07	9.86E-05	3.11E-08	9.05E-09
1544 495611.06, 3858601.99	2.20E-03	6.95E-07	2.02E-07	1.83E-04	5.79E-08	1.68E-08	2.23E-03	7.05E-07	2.05E-07	2.12E-04	6.68E-08	1.94E-08	2.20E-03	6.94E-07	2.02E-07	9.77E-05	3.08E-08	8.97E-09
1545 495661.06, 3858601.99	2.19E-03	6.92E-07	2.01E-07	1.83E-04	5.78E-08	1.68E-08	2.22E-03	7.02E-07	2.04E-07	2.11E-04	6.67E-08	1.94E-08	2.19E-03	6.91E-07	2.01E-07	9.76E-05	3.08E-08	8.96E-09
1546 494311.06, 3858651.99	2.76E-03	8.71E-07	2.53E-07	2.13E-04	6.73E-08	1.96E-08	2.80E-03	8.82E-07	2.57E-07	2.46E-04	7.77E-08	2.26E-08	2.77E-03	8.73E-07	2.54E-07	1.14E-04	3.59E-08	1.04E-08
1547 494361.06, 3858651.99	2.87E-03	9.07E-07	2.64E-07	2.26E-04	7.15E-08	2.08E-08	2.91E-03	9.19E-07	2.67E-07	2.61E-04	8.25E-08	2.40E-08	2.88E-03	9.08E-07	2.64E-07	1.21E-04	3.81E-08	1.11E-08
1548 494411.06, 3858651.99	3.00E-03	9.46E-07	2.75E-07	2.40E-04	7.58E-08	2.20E-08	3.04E-03	9.59E-07	2.79E-07	2.77E-04	8.75E-08	2.54E-08	3.00E-03	9.46E-07	2.75E-07	1.28E-04	4.04E-08	1.17E-08
1549 494461.06, 3858651.99	2.99E-03	9.45E-07	2.75E-07	2.41E-04	7.59E-08	2.21E-08	3.03E-03	9.58E-07	2.79E-07	2.78E-04	8.76E-08	2.55E-08	3.00E-03	9.45E-07	2.75E-07	1.28E-04	4.04E-08	1.18E-08
1550 494511.06, 3858651.99	2.97E-03	9.36E-07	2.72E-07	2.39E-04	7.54E-08	2.19E-08	3.01E-03	9.49E-07	2.76E-07	2.76E-04	8.71E-08	2.53E-08	2.97E-03	9.37E-07	2.72E-07	1.27E-04	4.02E-08	1.17E-08
1551 494561.06, 3858651.99	2.95E-03	9.30E-07	2.71E-07	2.38E-04	7.52E-08	2.19E-08	2.99E-03	9.43E-07	2.74E-07	2.75E-04	8.68E-08	2.52E-08	2.95E-03	9.30E-07	2.71E-07	1.27E-04	4.00E-08	1.16E-08
1552 494611.06, 3858651.99	2.92E-03	9.22E-07	2.68E-07	2.37E-04	7.47E-08	2.17E-08	2.96E-03	9.34E-07	2.72E-07	2.73E-04	8.62E-08	2.51E-08	2.92E-03	9.22E-07	2.68E-07	1.26E-04	3.97E-08	1.16E-08
1553 494661.06, 3858651.99	2.88E-03	9.10E-07	2.65E-07	2.34E-04	7.38E-08	2.15E-08	2.92E-03	9.22E-07	2.68E-07	2.70E-04	8.52E-08	2.48E-08	2.88E-03	9.10E-07	2.65E-07	1.25E-04	3.93E-08	1.14E-08
1554 494711.06, 3858651.99	2.83E-03	8.94E-07	2.60E-07	2.30E-04	7.26E-08	2.11E-08	2.87E-03	9.06E-07	2.64E-07	2.66E-04	8.38E-08	2.44E-08	2.83E-03	8.94E-07	2.60E-07	1.22E-04	3.86E-08	1.12E-08
1555 494761.06, 3858651.99	2.79E-03	8.82E-07	2.56E-07	2.27E-04	7.17E-08	2.09E-08	2.83E-03	8.94E-07	2.60E-07	2.62E-04	8.27E-08	2.41E-08	2.79E-03	8.81E-07	2.56E-07	1.21E-04	3.82E-08	1.11E-08
1556 494811.06, 3858651.99	2.74E-03	8.64E-07	2.51E-07	2.23E-04	7.03E-08	2.04E-08	2.78E-03	8.76E-07	2.55E-07	2.57E-04	8.11E-08	2.36E-08	2.74E-03	8.64E-07	2.51E-07	1.18E-04	3.74E-08	1.09E-08
1557 494861.06, 3858651.99	2.69E-03	8.48E-07	2.47E-07	2.18E-04	6.89E-08	2.01E-08	2.72E-03	8.60E-07	2.50E-07	2.52E-04	7.96E-08	2.31E-08	2.69E-03	8.48E-07	2.47E-07	1.16E-04	3.67E-08	1.07E-08
1558 494911.06, 3858651.99	2.63E-03	8.31E-07	2.42E-07	2.14E-04	6.75E-08	1.96E-08	2.67E-03	8.42E-07	2.45E-07	2.47E-04	7.79E-08	2.26E-08	2.63E-03	8.31E-07	2.42E-07	1.14E-04	3.59E-08	1.04E-08
1559 494961.06, 3858651.99	2.58E-03	8.15E-07	2.37E-07	2.10E-04	6.62E-08	1.92E-08	2.62E-03	8.26E-07	2.40E-07	2.42E-04	7.64E-08	2.22E-08	2.58E-03	8.15E-07	2.37E-07	1.12E-04	3.52E-08	1.02E-08
1560 495011.06, 3858651.99	2.54E-03	8.02E-07	2.33E-07	2.07E-04	6.52E-08	1.90E-08	2.58E-03	8.13E-07	2.37E-07	2.38E-04	7.52E-08	2.19E-08	2.54E-03	8.02E-07	2.33E-07	1.10E-04	3.47E-08	1.01E-08
1561 495061.06, 3858651.99	2.50E-03	7.89E-07	2.29E-07	2.03E-04	6.41E-08	1.86E-08	2.53E-03	8.00E-07	2.33E-07	2.34E-04	7.39E-08	2.15E-08	2.50E-03	7.89E-07	2.29E-07	1.08E-04	3.41E-08	9.92E-09
1562 495111.06, 3858651.99	2.45E-03	7.73E-07	2.25E-07	1.99E-04	6.27E-08	1.82E-08	2.48E-03	7.84E-07	2.28E-07	2.29E-04	7.24E-08	2.11E-08	2.45E-03	7.73E-07	2.25E-07	1.06E-04	3.34E-08	9.71E-09
1563 495161.06, 3858651.99	2.42E-03	7.63E-07	2.22E-07	1.96E-04	6.19E-08	1.80E-08	2.45E-03	7.73E-07	2.25E-07	2.26E-04	7.14E-08	2.08E-08	2.42E-03	7.63E-07	2.22E-07	1.04E-04	3.30E-08	9.59E-09
1564 495211.06, 3858651.99	2.38E-03	7.51E-07	2.18E-07	1.93E-04	6.09E-08	1.77E-08	2.41E-03	7.61E-07	2.21E-07	2.23E-04	7.03E-08	2.05E-08	2.38E-03	7.51E-07	2.18E-07	1.03E-04	3.25E-08	9.44E-09
1565 495261.06, 3858651.99	2.37E-03	7.47E-07	2.17E-07	1.92E-04	6.07E-08	1.77E-08	2.40E-03	7.57E-07	2.20E-07	2.22E-04	7.01E-08	2.04E-08	2.36E-03	7.46E-07	2.17E-07	1.02E-04	3.23E-08	9.41E-09
1566 495311.06, 3858651.99	2.34E-03	7.40E-07	2.15E-07	1.91E-04	6.03E-08	1.75E-08	2.38E-03	7.50E-07	2.18E-07	2.20E-04	6.96E-08	2.02E-08	2.34E-03	7.39E-07	2.15E-07	1.02E-04	3.21E-08	9.34E-09
1567 495361.06, 3858651.99	2.33E-03	7.35E-07	2.14E-07	1.90E-04	6.00E-08	1.75E-08	2.36E-03	7.45E-07	2.17E-07	2.19E-04	6.92E-08	2.01E-08	2.33E-03	7.35E-07	2.14E-07	1.01E-04	3.20E-08	9.29E-09
1568 495411.06, 3858651.99	2.32E-03	7.31E-07	2.13E-07	1.90E-04	6.00E-08	1.74E-08	2.35E-03	7.42E-07	2.16E-07	2.19E-04	6.92E-08	2.01E-08	2.32E-03	7.31E-07	2.13E-07	1.01E-04	3.19E-08	9.29E-09
1569 495461.06, 3858651.99	2.31E-03	7.29E-07	2.12E-07	1.90E-04	6.00E-08	1.75E-08	2.34E-03	7.39E-07	2.15E-07	2.19E-04	6.93E-08	2.01E-08	2.31E-03	7.29E-07	2.12E-07	1.01E-04	3.20E-08	9.29E-09
1570 495511.06, 3858651.99	2.29E-03	7.22E-07	2.10E-07	1.88E-04	5.94E-08	1.73E-08	2.32E-03	7.32E-07	2.13E-07	2.17E-04	6.86E-08	1.99E-08	2.28E-03	7.21E-07	2.10E-07	1.00E-04	3.16E-08	9.20E-09
1571 495561.06, 3858651.99	2.27E-03	7.16E-07	2.08E-07	1.87E-04	5.91E-08	1.72E-08	2.30E-03	7.26E-07	2.11E-07	2.16E-04	6.81E-08	1.98E-08	2.27E-03	7.15E-07	2.08E-07	9.96E-05	3.14E-08	9.15E-09
1572 495611.06, 3858651.99	2.24E-03	7.08E-07	2.06E-07	1.85E-04	5.84E-08	1.70E-08	2.27E-03	7.17E-07	2.09E-07	2.14E-04	6.74E-08	1.96E-08	2.24E-03	7.07E-07	2.06E-07	9.86E-05	3.11E-08	9.05E-09
1573 495661.06, 3858651.99	2.23E-03	7.04E-07	2.05E-07	1.85E-04	5.83E-08	1.70E-08	2.26E-03	7.14E-07	2.08E-07	2.13E-04	6.73E-08	1.96E-08	2.23E-03	7.03E-07	2.05E-07	9.83E-05	3.10E-08	9.03E-09
1574 494311.06, 3858701.99	2.82E-03	8.91E-07	2.59E-07	2.15E-04	6.80E-08	1.98E-08	2.86E-03	9.02E-07	2.63E-07	2.48E-04	7.84E-08	2.28E-08	2.83E-03	8.94E-07	2.60E-07	1.15E-04	3.62E-08	1.05E-08
1575 494361.06, 3858701.99	2.98E-03	9.42E-07	2.74E-07	2.33E-04	7.35E-08	2.14E-08	3.02E-03	9.54E-07	2.77E-07	2.69E-04	8.48E-08	2.47E-08	2.99E-03	9.43E-07	2.74E-07	1.24E-04	3.91E-08	1.14E-08
1576 494411.06, 3858701.99	3.07E-03	9.70E-07	2.82E-07	2.42E-04	7.65E-08	2.23E-08	3.11E-03	9.82E-07	2.86E-07	2.80E-04	8.83E-08	2.57E-08	3.08E-03	9.71E-07	2.82E-07	1.29E-04	4.07E-08	1.18E-08
1577 494461.06, 3858701.99	3.06E-03	9.67E-07	2.81E-07	2.43E-04	7.66E-08	2.23E-08	3.10E-03	9.80E-07	2.85E-07	2.80E-04	8.84E-08	2.57E-08	3.07E-03	9.68E-07	2.82E-07	1.29E-04	4.08E-08	1.19E-08
1578 494511.06, 3858701.99	3.04E-03	9.61E-07	2.79E-07	2.42E-04	7.63E-08	2.22E-08	3.08E-03	9.74E-07	2.83E-07	2.79E-04	8.81E-08	2.56E-08	3.05E-03	9.62E-07	2.80E-07	1.29E-04	4.06E-08	1.18E-08
1579 494561.06, 3858701.99	3.02E-03	9.52E-07	2.77E-07	2.40E-04	7.59E-08	2.21E-08	3.06E-03	9.65E-07	2.81E-07	2.77E-04	8.76E-08	2.55E-08	3.02E-03	9.53E-07	2.77E-07	1.28E-04	4.04E-08	1.17E-08
1580 494611.06, 3858701.99	2.96E-03	9.33E-07	2.71E-07	2.36E-04	7.44E-08	2.16E-08	3.00E-03	9.46E-07	2.75E-07	2.72E-04	8.59E-08	2.50E-08	2.96E-03	9.34E-07	2.72E-07	1.25E-04	3.96E-08	1.15E-08

1581 494661.06, 3858701.99	2.95E-03	9.30E-07	2.70E-07	2.36E-04	7.44E-08	2.16E-08	2.99E-03	9.42E-07	2.74E-07	2.72E-04	8.59E-08	2.50E-08	2.95E-03	9.30E-07	2.71E-07	1.25E-04	3.96E-08	1.15E-08
1582 494711.06, 3858701.99	2.83E-03	8.92E-07	2.60E-07	2.25E-04	7.11E-08	2.07E-08	2.87E-03	9.04E-07	2.63E-07	2.60E-04	8.21E-08	2.39E-08	2.83E-03	8.93E-07	2.60E-07	1.20E-04	3.79E-08	1.10E-08
1583 494761.06, 3858701.99	2.84E-03	8.97E-07	2.61E-07	2.28E-04	7.19E-08	2.09E-08	2.88E-03	9.09E-07	2.64E-07	2.63E-04	8.30E-08	2.41E-08	2.84E-03	8.98E-07	2.61E-07	1.21E-04	3.83E-08	1.11E-08
1584 494811.06, 3858701.99	2.79E-03	8.80E-07	2.56E-07	2.24E-04	7.08E-08	2.06E-08	2.82E-03	8.91E-07	2.59E-07	2.59E-04	8.18E-08	2.38E-08	2.79E-03	8.80E-07	2.56E-07	1.19E-04	3.77E-08	1.10E-08
1585 494861.06, 3858701.99	2.74E-03	8.65E-07	2.52E-07	2.20E-04	6.94E-08	2.02E-08	2.78E-03	8.76E-07	2.55E-07	2.54E-04	8.01E-08	2.33E-08	2.74E-03	8.65E-07	2.52E-07	1.17E-04	3.69E-08	1.07E-08
1586 494911.06, 3858701.99	2.70E-03	8.52E-07	2.48E-07	2.17E-04	6.84E-08	1.99E-08	2.74E-03	8.64E-07	2.51E-07	2.50E-04	7.90E-08	2.30E-08	2.70E-03	8.52E-07	2.48E-07	1.15E-04	3.64E-08	1.06E-08
1587 494961.06, 3858701.99	2.63E-03	8.29E-07	2.41E-07	2.10E-04	6.64E-08	1.93E-08	2.66E-03	8.40E-07	2.44E-07	2.43E-04	7.66E-08	2.23E-08	2.63E-03	8.29E-07	2.41E-07	1.12E-04	3.53E-08	1.03E-08
1588 495011.06, 3858701.99	2.58E-03	8.13E-07	2.37E-07	2.07E-04	6.52E-08	1.90E-08	2.61E-03	8.24E-07	2.40E-07	2.38E-04	7.52E-08	2.19E-08	2.58E-03	8.14E-07	2.37E-07	1.10E-04	3.47E-08	1.01E-08
1589 495061.06, 3858701.99	2.55E-03	8.05E-07	2.34E-07	2.05E-04	6.47E-08	1.88E-08	2.59E-03	8.16E-07	2.37E-07	2.37E-04	7.47E-08	2.17E-08	2.55E-03	8.06E-07	2.34E-07	1.09E-04	3.44E-08	1.00E-08
1590 495111.06, 3858701.99	2.50E-03	7.88E-07	2.29E-07	2.00E-04	6.32E-08	1.84E-08	2.53E-03	7.99E-07	2.32E-07	2.31E-04	7.30E-08	2.12E-08	2.50E-03	7.89E-07	2.29E-07	1.07E-04	3.37E-08	9.79E-09
1591 495161.06, 3858701.99	2.47E-03	7.79E-07	2.27E-07	1.98E-04	6.26E-08	1.82E-08	2.50E-03	7.89E-07	2.30E-07	2.29E-04	7.22E-08	2.10E-08	2.47E-03	7.79E-07	2.27E-07	1.06E-04	3.33E-08	9.69E-09
1592 495211.06, 3858701.99	2.43E-03	7.67E-07	2.23E-07	1.95E-04	6.16E-08	1.79E-08	2.46E-03	7.77E-07	2.26E-07	2.25E-04	7.11E-08	2.07E-08	2.43E-03	7.67E-07	2.23E-07	1.04E-04	3.28E-08	9.54E-09
1593 495261.06, 3858701.99	2.42E-03	7.63E-07	2.22E-07	1.95E-04	6.15E-08	1.79E-08	2.45E-03	7.73E-07	2.25E-07	2.25E-04	7.09E-08	2.06E-08	2.42E-03	7.63E-07	2.22E-07	1.04E-04	3.27E-08	9.52E-09
1594 495311.06, 3858701.99	2.40E-03	7.58E-07	2.21E-07	1.94E-04	6.13E-08	1.78E-08	2.44E-03	7.69E-07	2.24E-07	2.24E-04	7.08E-08	2.06E-08	2.40E-03	7.58E-07	2.21E-07	1.03E-04	3.26E-08	9.50E-09
1595 495361.06, 3858701.99	2.38E-03	7.52E-07	2.19E-07	1.93E-04	6.10E-08	1.77E-08	2.42E-03	7.63E-07	2.22E-07	2.23E-04	7.04E-08	2.05E-08	2.38E-03	7.52E-07	2.19E-07	1.03E-04	3.25E-08	9.44E-09
1596 495411.06, 3858701.99	2.38E-03	7.50E-07	2.18E-07	1.93E-04	6.10E-08	1.77E-08	2.41E-03	7.60E-07	2.21E-07	2.23E-04	7.04E-08	2.05E-08	2.37E-03	7.50E-07	2.18E-07	1.03E-04	3.25E-08	9.44E-09
1597 495461.06, 3858701.99	2.36E-03	7.45E-07	2.17E-07	1.93E-04	6.08E-08	1.77E-08	2.39E-03	7.55E-07	2.20E-07	2.22E-04	7.01E-08	2.04E-08	2.36E-03	7.45E-07	2.17E-07	1.02E-04	3.23E-08	9.41E-09
1598 495511.06, 3858701.99	2.34E-03	7.38E-07	2.15E-07	1.91E-04	6.04E-08	1.76E-08	2.37E-03	7.48E-07	2.18E-07	2.21E-04	6.97E-08	2.03E-08	2.34E-03	7.38E-07	2.15E-07	1.02E-04	3.21E-08	9.35E-09
1599 495561.06, 3858701.99	2.32E-03	7.31E-07	2.13E-07	1.90E-04	5.99E-08	1.74E-08	2.35E-03	7.41E-07	2.16E-07	2.19E-04	6.91E-08	2.01E-08	2.31E-03	7.31E-07	2.12E-07	1.01E-04	3.19E-08	9.27E-09
1600 495611.06, 3858701.99	2.29E-03	7.24E-07	2.10E-07	1.88E-04	5.93E-08	1.73E-08	2.32E-03	7.33E-07	2.13E-07	2.17E-04	6.85E-08	1.99E-08	2.29E-03	7.23E-07	2.10E-07	1.00E-04	3.16E-08	9.19E-09
1601 495661.06, 3858701.99	2.28E-03	7.18E-07	2.09E-07	1.87E-04	5.90E-08	1.72E-08	2.31E-03	7.28E-07	2.12E-07	2.16E-04	6.81E-08	1.98E-08	2.27E-03	7.18E-07	2.09E-07	9.96E-05	3.14E-08	9.14E-09
1602 494311.06, 3858751.99	2.89E-03	9.13E-07	2.66E-07	2.18E-04	6.89E-08	2.00E-08	2.93E-03	9.25E-07	2.69E-07	2.52E-04	7.95E-08	2.31E-08	2.90E-03	9.16E-07	2.67E-07	1.16E-04	3.67E-08	1.07E-08
1603 494361.06, 3858751.99	3.09E-03	9.75E-07	2.84E-07	2.38E-04	7.51E-08	2.19E-08	3.13E-03	9.87E-07	2.87E-07	2.75E-04	8.67E-08	2.52E-08	3.10E-03	9.77E-07	2.84E-07	1.27E-04	4.00E-08	1.16E-08
1604 494411.06, 3858751.99	3.16E-03	9.96E-07	2.90E-07	2.45E-04	7.74E-08	2.25E-08	3.20E-03	1.01E-06	2.93E-07	2.83E-04	8.93E-08	2.60E-08	3.16E-03	9.98E-07	2.90E-07	1.31E-04	4.12E-08	1.20E-08
1605 494461.06, 3858751.99	3.15E-03	9.93E-07	2.89E-07	2.45E-04	7.75E-08	2.25E-08	3.19E-03	1.01E-06	2.93E-07	2.83E-04	8.94E-08	2.60E-08	3.15E-03	9.95E-07	2.89E-07	1.31E-04	4.12E-08	1.20E-08
1606 494511.06, 3858751.99	3.13E-03	9.89E-07	2.88E-07	2.45E-04	7.74E-08	2.25E-08	3.17E-03	1.00E-06	2.91E-07	2.83E-04	8.93E-08	2.60E-08	3.14E-03	9.90E-07	2.88E-07	1.30E-04	4.12E-08	1.20E-08
1607 494561.06, 3858751.99	3.09E-03	9.75E-07	2.84E-07	2.43E-04	7.68E-08	2.23E-08	3.13E-03	9.88E-07	2.87E-07	2.81E-04	8.86E-08	2.58E-08	3.09E-03	9.77E-07	2.84E-07	1.29E-04	4.08E-08	1.19E-08
1608 494611.06, 3858751.99	3.04E-03	9.58E-07	2.79E-07	2.39E-04	7.55E-08	2.20E-08	3.08E-03	9.71E-07	2.82E-07	2.76E-04	8.71E-08	2.53E-08	3.04E-03	9.60E-07	2.79E-07	1.27E-04	4.02E-08	1.17E-08
1609 494661.06, 3858751.99	3.01E-03	9.50E-07	2.76E-07	2.38E-04	7.51E-08	2.18E-08	3.05E-03	9.63E-07	2.80E-07	2.75E-04	8.67E-08	2.52E-08	3.01E-03	9.51E-07	2.77E-07	1.27E-04	4.00E-08	1.16E-08
1610 494711.06, 3858751.99	2.94E-03	9.27E-07	2.70E-07	2.32E-04	7.33E-08	2.13E-08	2.98E-03	9.39E-07	2.73E-07	2.68E-04	8.46E-08	2.46E-08	2.94E-03	9.28E-07	2.70E-07	1.24E-04	3.90E-08	1.13E-08
1611 494761.06, 3858751.99	2.91E-03	9.17E-07	2.67E-07	2.30E-04	7.26E-08	2.11E-08	2.94E-03	9.29E-07	2.70E-07	2.65E-04	8.37E-08	2.44E-08	2.91E-03	9.19E-07	2.67E-07	1.22E-04	3.86E-08	1.12E-08
1612 494811.06, 3858751.99	2.84E-03	8.97E-07	2.61E-07	2.25E-04	7.10E-08	2.07E-08	2.88E-03	9.09E-07	2.65E-07	2.60E-04	8.20E-08	2.38E-08	2.85E-03	8.99E-07	2.61E-07	1.20E-04	3.78E-08	1.10E-08
1613 494861.06, 3858751.99	2.79E-03	8.80E-07	2.56E-07	2.21E-04	6.97E-08	2.03E-08	2.82E-03	8.92E-07	2.59E-07	2.55E-04	8.04E-08	2.34E-08	2.79E-03	8.81E-07	2.56E-07	1.17E-04	3.71E-08	1.08E-08
1614 494911.06, 3858751.99	2.73E-03	8.61E-07	2.50E-07	2.16E-04	6.82E-08	1.98E-08	2.76E-03	8.73E-07	2.54E-07	2.49E-04	7.87E-08	2.29E-08	2.73E-03	8.62E-07	2.51E-07	1.15E-04	3.63E-08	1.06E-08
1615 494961.06, 3858751.99	2.68E-03	8.47E-07	2.46E-07	2.13E-04	6.71E-08	1.95E-08	2.72E-03	8.59E-07	2.50E-07	2.45E-04	7.75E-08	2.25E-08	2.69E-03	8.48E-07	2.47E-07	1.13E-04	3.57E-08	1.04E-08
1616 495011.06, 3858751.99	2.65E-03	8.37E-07	2.44E-07	2.11E-04	6.64E-08	1.93E-08	2.69E-03	8.48E-07	2.47E-07	2.43E-04	7.67E-08	2.23E-08	2.66E-03	8.38E-07	2.44E-07	1.12E-04	3.54E-08	1.03E-08
1617 495061.06, 3858751.99	2.61E-03	8.23E-07	2.39E-07	2.07E-04	6.53E-08	1.90E-08	2.64E-03	8.34E-07	2.43E-07	2.39E-04	7.54E-08	2.19E-08	2.61E-03	8.24E-07	2.40E-07	1.10E-04	3.48E-08	1.01E-08
1618 495111.06, 3858751.99	2.56E-03	8.06E-07	2.35E-07	2.03E-04	6.40E-08	1.86E-08	2.59E-03	8.17E-07	2.38E-07	2.34E-04	7.39E-08	2.15E-08	2.56E-03	8.07E-07	2.35E-07	1.08E-04	3.41E-08	9.91E-09
1619 495161.06, 3858751.99	2.52E-03	7.96E-07	2.32E-07	2.01E-04	6.33E-08	1.84E-08	2.56E-03	8.07E-07	2.35E-07	2.32E-04	7.31E-08	2.13E-08	2.53E-03	7.97E-07	2.32E-07	1.07E-04	3.37E-08	9.80E-09
1620 495211.06, 3858751.99	2.48E-03	7.84E-07	2.28E-07	1.98E-04	6.24E-08	1.81E-08	2.52E-03	7.94E-07	2.31E-07	2.28E-04	7.20E-08	2.09E-08	2.49E-03	7.84E-07	2.28E-07	1.05E-04	3.32E-08	9.66E-09
1621 495261.06, 3858751.99	2.47E-03	7.79E-07	2.26E-07	1.97E-04	6.22E-08	1.81E-08	2.50E-03	7.89E-07	2.30E-07	2.27E-04	7.17E-08	2.09E-08	2.47E-03	7.79E-07	2.27E-07	1.05E-04	3.31E-08	9.62E-09
1622 495311.06, 3858751.99	2.45E-03	7.74E-07	2.25E-07	1.97E-04	6.20E-08	1.80E-08	2.49E-03	7.85E-07	2.28E-07	2.27E-04	7.16E-08	2.08E-08	2.46E-03	7.75E-07	2.25E-07	1.05E-04	3.30E-08	9.60E-09
1623 495361.06, 3858751.99	2.44E-03	7.69E-07	2.24E-07	1.96E-04	6.17E-08	1.80E-08	2.47E-03	7.79E-07	2.27E-07	2.26E-04	7.12E-08	2.07E-08	2.44E-03	7.69E-07	2.24E-07	1.04E-04	3.29E-08	9.56E-09
1624 495411.06, 3858751.99	2.43E-03	7.67E-07	2.23E-07	1.96E-04	6.18E-08	1.80E-08	2.46E-03	7.77E-07	2.26E-07	2.26E-04	7.13E-08	2.08E-08	2.43E-03	7.67E-07	2.23E-07	1.04E-04	3.29E-08	9.57E-09
1625 495461.06, 3858751.99	2.41E-03	7.62E-07	2.22E-07	1.95E-04	6.16E-08	1.79E-08	2.45E-03	7.72E-07	2.25E-07	2.25E-04	7.11E-08	2.07E-08	2.41E-03	7.62E-07	2.22E-07	1.04E-04	3.28E-08	9.53E-09
1626 495511.06, 3858751.99	2.39E-03	7.55E-07	2.20E-07	1.94E-04	6.12E-08	1.78E-08	2.42E-03	7.65E-07	2.23E-07	2.24E-04	7.06E-08	2.05E-08	2.39E-03	7.55E-07	2.20E-07	1.03E-04	3.26E-08	9.47E-09
1627 495561.06, 3858751.99	2.37E-03	7.48E-07	2.17E-07	1.92E-04	6.07E-08	1.77E-08	2.40E-03	7.58E-07	2.20E-07	2.22E-04	7.00E-08	2.04E-08	2.37E-03	7.48E-07	2.17E-07	1.02E-04	3.23E-08	9.39E-09
1628 495611.06, 3858751.99	2.34E-03	7.40E-07	2.15E-07	1.91E-04	6.02E-08	1.75E-08	2.38E-03	7.50E-07	2.18E-07	2.20E-04	6.95E-08	2.02E-08	2.34E-03	7.40E-07	2.15E-07	1.01E-04	3.20E-08	9.32E-09
1629 495661.06, 3858751.99	2.33E-03	7.34E-07	2.13E-07	1.90E-04	5.98E-08	1.74E-08	2.36E-03	7.44E-07	2.16E-07	2.19E-04	6.90E-08	2.01E-08	2.32E-03	7.34E-07	2.13E-07	1.01E-04	3.18E-08	9.26E-09
1630 494311.06, 3858801.99	3.01E-03	9.51E-07	2.77E-07	2.26E-04	7.12E-08	2.07E-08	3.05E-03	9.63E-07	2.80E-07	2.60E-04	8.22E-08	2.39E-08	3.03E-03	9.55E-07	2.78E-07	1.20E-04	3.79E-08	1.10E-08
1631 494361.06, 3858801.99	3.18E-03	1.00E-06	2.92E-07	2.42E-04	7.62E-08	2.22E-08	3.22E-03	1.02E-06	2.96E-07	2.79E-04	8.80E-08	2.56E-08	3.19E-03	1.01E-06	2.93E-07	1.29E-04	4.06E-08	1.18E-08
1632 494411.06, 3858801.99	3.21E-03	1.01E-06	2.95E-07	2.45E-04	7.74E-08	2.25E-08	3.25E-03	1.03E-06	2.99E-07	2.83E-04	8.94E-08	2.60E-08	3.22E-03	1.02E-06	2.96E-07	1.31E-04	4.12E-08	1.20E-08
1633 494461.06, 3858801.99	3.22E-03	1.02E-06	2.95E-07	2.47E-04	7.80E-08	2.27E-08	3.26E-03	1.03E-06	2.99E-07	2.85E-04	9.01E-08	2.62E-08	3.23E-03	1.02E-06	2.96E-07	1.32E-04	4.15E-08	1.21E-08
1634 494511.06, 3858801.99	3.21E-03	1.01E-06	2.95E-07	2.47E-04	7.81E-08	2.27E-08	3.25E-03	1.03E-06	2.99E-07	2.86E-04	9.01E-08	2.62E-08	3.22E-03	1.02E-06	2.96E-07	1.32E-04	4.15E-08	1.21E-08
1635 494561.06, 3858801.99	3.19E-03	1.01E-06	2.93E-07	2.47E-04	7.78E-08	2.26E-08	3.23E-03	1.02E-06	2.96E-07	2.85E-04	8.98E-08	2.61E-08	3.20E-03	1.01E-06	2.93E-07	1.31E-04	4.14E-08	1.20E-08
1636 494611.06, 3858801.99	3.15E-03	9.95E-07	2.89E-07	2.45E-04	7.72E-08	2.24E-08	3.19E-03	1.01E-06	2.93E-07	2.82E-04	8.91E-08	2.59E-08	3.16E-03	9.97E-07	2.90E-07	1.30E-04	4.11E-08	1.19E-08
1637 494661.06, 3858801.99	3.10E-03	9.77E-07	2.84E-07	2.41E-04	7.60E-08	2.21E-08	3.14E-03	9.90E-07	2.88E-07	2.78E-04	8.77E-08	2.55E-08	3.10E-03	9.79E-07	2.85E-07	1.28E-04	4.04E-08	1.18E-08
1638 494711.06, 3858801.99	3.03E-03	9.57E-07	2.78E-07	2.36E-04	7.46E-08	2.17E-08	3.07E-03	9.70E-07	2.82E-07	2.73E-04	8.61E-08	2.50E-08	3.04E-03	9.59E-07	2.79E-07	1.26E-04	3.97E-08	1.15E-08
1639 494761.06, 3858801.99	2.96E-03	9.34E-07	2.72E-07	2.31E-04	7.28E-08	2.12E-08	3.00E-03	9.46E-07	2.75E-07	2.66E-04	8.41E-08	2.45E-08	2.97E-03	9.36E-07	2.72E-07	1.23E-04	3.88E-08	1.13E-08
1640 494811.06, 3858801.99	2.89E-03	9.11E-07	2.65E-07	2.25E-04	7.11E-08	2.07E-08	2.92E-03	9.23E-07	2.68E-07	2.60E-04	8.20E-08	2.39E-08	2.89E-03	9.13E-07	2.66E-07	1.20E-04	3.78E-08	1.10E-08
1641 494861.06, 3858801.99	2.84E-03	8.98E-07	2.61E-07	2.22E-04	7.02E-08	2.04E-08	2.88E-03	9.10E-07	2.65E-07	2.57E-04	8.10E-08	2.36E-08	2.85E-03	9.00E-07	2.62E-07	1.18E-04	3.73E-08	1.09E-08
1642 494911.06, 3858801.99	2.79E-03	8.79E-07	2.56E-07	2.18E-04	6.87E-08	2.00E-08	2.82E-03	8.91E-07	2.59E-07	2.51E-04	7.93E-08	2.31E-08	2.79E-03	8.81E-07	2.56E-07	1.16E-04	3.66E-08	1.06E-08
1643 494961.06, 3858801.99	2.74E-03	8.65E-07	2.52E-07	2.15E-04	6.77E-08	1.97E-08	2.78E-03	8.76E-07	2.55E-07	2.48E-04	7.82E-08	2.27E-08	2.75E-03	8.67E-07	2.52E-07	1.14E-04	3.60E-08	1.05E-08
1644 495011.06, 3858801.99	2.69E-03	8.50E-07	2.47E-07	2.11E-04	6.66E-08	1.94E-08	2.73E-03	8.62E-07	2.51E-07	2.44E-04	7.69E-08	2.24E-08	2.70E-03	8.52E-07	2.48E-07	1.12E-04	3.55E-08	1.03E-08
1645 495061.06, 3858801.99	2.66E-03	8.40E-07	2.44E-07	2.09E-04	6.60E-08	1.92E-08	2.70E-03	8.51E-07	2.48E-07	2.41E-04	7.62E-08	2.22E-08	2.67E-03	8.42E-07	2.45E-07	1.11E-04	3.51E-08	1.02E-08
1646 495111.06, 3858801.99	2.61E-03	8.22E-07	2.39E-07	2.05E-04	6.45E-08	1.88E-08	2.64E-03	8.33E-07	2.42E-07	2.36E-04	7.45E-08	2.17E-08	2.61E-03	8.24E-07	2.40E-07	1.09E-04	3.44E-08	9.99E-09

1647	495161.06, 3858801.99	2.56E-03	8.09E-07	2.35E-07	2.01E-04	6.35E-08	1.85E-08	2.60E-03	8.19E-07	2.38E-07	2.32E-04	7.33E-08	2.13E-08	2.57E-03	8.10E-07	2.36E-07	1.07E-04	3.38E-08	9.83E-09
1648	495211.06, 3858801.99	2.54E-03	8.00E-07	2.33E-07	2.00E-04	6.30E-08	1.83E-08	2.57E-03	8.11E-07	2.36E-07	2.30E-04	7.27E-08	2.12E-08	2.54E-03	8.02E-07	2.33E-07	1.06E-04	3.35E-08	9.76E-09
1649	495261.06, 3858801.99	2.52E-03	7.95E-07	2.31E-07	1.99E-04	6.28E-08	1.83E-08	2.55E-03	8.06E-07	2.34E-07	2.30E-04	7.25E-08	2.11E-08	2.52E-03	7.96E-07	2.32E-07	1.06E-04	3.34E-08	9.73E-09
1650	495311.06, 3858801.99	2.51E-03	7.92E-07	2.30E-07	1.99E-04	6.28E-08	1.83E-08	2.54E-03	8.02E-07	2.33E-07	2.30E-04	7.25E-08	2.11E-08	2.51E-03	7.93E-07	2.31E-07	1.06E-04	3.34E-08	9.72E-09
1651	495361.06, 3858801.99	2.49E-03	7.86E-07	2.29E-07	1.98E-04	6.25E-08	1.82E-08	2.52E-03	7.97E-07	2.32E-07	2.29E-04	7.22E-08	2.10E-08	2.49E-03	7.87E-07	2.29E-07	1.05E-04	3.33E-08	9.68E-09
1652	495411.06, 3858801.99	2.49E-03	7.86E-07	2.29E-07	1.99E-04	6.28E-08	1.83E-08	2.52E-03	7.97E-07	2.32E-07	2.30E-04	7.25E-08	2.11E-08	2.49E-03	7.87E-07	2.29E-07	1.06E-04	3.34E-08	9.72E-09
1653	495461.06, 3858801.99	2.47E-03	7.80E-07	2.27E-07	1.98E-04	6.25E-08	1.82E-08	2.50E-03	7.90E-07	2.30E-07	2.28E-04	7.21E-08	2.10E-08	2.47E-03	7.81E-07	2.27E-07	1.05E-04	3.32E-08	9.67E-09
1654	495511.06, 3858801.99	2.45E-03	7.72E-07	2.25E-07	1.96E-04	6.20E-08	1.80E-08	2.48E-03	7.82E-07	2.28E-07	2.27E-04	7.15E-08	2.08E-08	2.45E-03	7.73E-07	2.25E-07	1.04E-04	3.30E-08	9.59E-09
1655	495561.06, 3858801.99	2.43E-03	7.65E-07	2.23E-07	1.95E-04	6.16E-08	1.79E-08	2.46E-03	7.76E-07	2.26E-07	2.25E-04	7.11E-08	2.07E-08	2.43E-03	7.66E-07	2.23E-07	1.04E-04	3.28E-08	9.53E-09
1656	495611.06, 3858801.99	2.40E-03	7.56E-07	2.20E-07	1.93E-04	6.09E-08	1.77E-08	2.43E-03	7.66E-07	2.23E-07	2.23E-04	7.03E-08	2.05E-08	2.40E-03	7.56E-07	2.20E-07	1.03E-04	3.24E-08	9.43E-09
1657	495661.06, 3858801.99	2.38E-03	7.51E-07	2.18E-07	1.92E-04	6.07E-08	1.76E-08	2.41E-03	7.61E-07	2.21E-07	2.22E-04	7.00E-08	2.04E-08	2.38E-03	7.51E-07	2.18E-07	1.02E-04	3.23E-08	9.39E-09
1658	494311.06, 3858851.99	3.23E-03	1.02E-06	2.97E-07	2.41E-04	7.60E-08	2.21E-08	3.27E-03	1.03E-06	3.01E-07	2.78E-04	8.77E-08	2.55E-08	3.25E-03	1.03E-06	2.98E-07	1.28E-04	4.05E-08	1.18E-08
1659	494361.06, 3858851.99	3.33E-03	1.05E-06	3.06E-07	2.49E-04	7.87E-08	2.29E-08	3.37E-03	1.06E-06	3.09E-07	2.88E-04	9.09E-08	2.64E-08	3.34E-03	1.05E-06	3.07E-07	1.33E-04	4.19E-08	1.22E-08
1660	494411.06, 3858851.99	3.31E-03	1.04E-06	3.04E-07	2.49E-04	7.86E-08	2.29E-08	3.35E-03	1.06E-06	3.08E-07	2.87E-04	9.07E-08	2.64E-08	3.32E-03	1.05E-06	3.05E-07	1.33E-04	4.18E-08	1.22E-08
1661	494461.06, 3858851.99	3.30E-03	1.04E-06	3.03E-07	2.50E-04	7.88E-08	2.29E-08	3.35E-03	1.06E-06	3.07E-07	2.88E-04	9.09E-08	2.65E-08	3.32E-03	1.05E-06	3.04E-07	1.33E-04	4.19E-08	1.22E-08
1662	494511.06, 3858851.99	3.28E-03	1.04E-06	3.01E-07	2.49E-04	7.85E-08	2.28E-08	3.32E-03	1.05E-06	3.05E-07	2.87E-04	9.06E-08	2.64E-08	3.29E-03	1.04E-06	3.02E-07	1.32E-04	4.18E-08	1.21E-08
1663	494561.06, 3858851.99	3.25E-03	1.03E-06	2.99E-07	2.47E-04	7.81E-08	2.27E-08	3.29E-03	1.04E-06	3.02E-07	2.86E-04	9.02E-08	2.62E-08	3.26E-03	1.03E-06	3.00E-07	1.32E-04	4.15E-08	1.21E-08
1664	494611.06, 3858851.99	3.21E-03	1.01E-06	2.95E-07	2.45E-04	7.73E-08	2.25E-08	3.25E-03	1.03E-06	2.98E-07	2.83E-04	8.92E-08	2.59E-08	3.22E-03	1.02E-06	2.96E-07	1.30E-04	4.11E-08	1.20E-08
1665	494661.06, 3858851.99	3.15E-03	9.96E-07	2.90E-07	2.41E-04	7.62E-08	2.22E-08	3.19E-03	1.01E-06	2.93E-07	2.79E-04	8.79E-08	2.56E-08	3.16E-03	9.99E-07	2.91E-07	1.28E-04	4.05E-08	1.18E-08
1666	494711.06, 3858851.99	3.08E-03	9.72E-07	2.83E-07	2.36E-04	7.45E-08	2.17E-08	3.12E-03	9.84E-07	2.86E-07	2.73E-04	8.60E-08	2.50E-08	3.09E-03	9.75E-07	2.83E-07	1.26E-04	3.96E-08	1.15E-08
1667	494761.06, 3858851.99	3.01E-03	9.49E-07	2.76E-07	2.31E-04	7.29E-08	2.12E-08	3.05E-03	9.61E-07	2.80E-07	2.67E-04	8.41E-08	2.45E-08	3.02E-03	9.52E-07	2.77E-07	1.23E-04	3.88E-08	1.13E-08
1668	494811.06, 3858851.99	2.95E-03	9.30E-07	2.71E-07	2.27E-04	7.16E-08	2.08E-08	2.99E-03	9.42E-07	2.74E-07	2.62E-04	8.26E-08	2.40E-08	2.96E-03	9.33E-07	2.71E-07	1.21E-04	3.81E-08	1.11E-08
1669	494861.06, 3858851.99	2.91E-03	9.17E-07	2.67E-07	2.24E-04	7.07E-08	2.06E-08	2.94E-03	9.29E-07	2.70E-07	2.59E-04	8.17E-08	2.38E-08	2.91E-03	9.20E-07	2.68E-07	1.19E-04	3.76E-08	1.09E-08
1670	494911.06, 3858851.99	2.85E-03	9.00E-07	2.62E-07	2.20E-04	6.95E-08	2.02E-08	2.89E-03	9.12E-07	2.65E-07	2.54E-04	8.02E-08	2.33E-08	2.86E-03	9.02E-07	2.62E-07	1.17E-04	3.70E-08	1.08E-08
1671	494961.06, 3858851.99	2.80E-03	8.85E-07	2.57E-07	2.17E-04	6.84E-08	1.99E-08	2.84E-03	8.96E-07	2.61E-07	2.50E-04	7.90E-08	2.30E-08	2.81E-03	8.87E-07	2.58E-07	1.15E-04	3.64E-08	1.06E-08
1672	495011.06, 3858851.99	2.76E-03	8.72E-07	2.54E-07	2.14E-04	6.76E-08	1.97E-08	2.80E-03	8.83E-07	2.57E-07	2.47E-04	7.80E-08	2.27E-08	2.77E-03	8.74E-07	2.54E-07	1.14E-04	3.60E-08	1.05E-08
1673	495061.06, 3858851.99	2.72E-03	8.58E-07	2.49E-07	2.11E-04	6.66E-08	1.94E-08	2.75E-03	8.69E-07	2.53E-07	2.43E-04	7.68E-08	2.23E-08	2.72E-03	8.60E-07	2.50E-07	1.12E-04	3.54E-08	1.03E-08
1674	495111.06, 3858851.99	2.64E-03	8.33E-07	2.42E-07	2.05E-04	6.46E-08	1.88E-08	2.67E-03	8.44E-07	2.46E-07	2.36E-04	7.46E-08	2.17E-08	2.65E-03	8.35E-07	2.43E-07	1.09E-04	3.44E-08	1.00E-08
1675	495161.06, 3858851.99	2.60E-03	8.20E-07	2.38E-07	2.02E-04	6.36E-08	1.85E-08	2.63E-03	8.31E-07	2.42E-07	2.33E-04	7.34E-08	2.14E-08	2.60E-03	8.22E-07	2.39E-07	1.07E-04	3.39E-08	9.85E-09
1676	495211.06, 3858851.99	2.59E-03	8.18E-07	2.38E-07	2.02E-04	6.38E-08	1.85E-08	2.63E-03	8.29E-07	2.41E-07	2.33E-04	7.36E-08	2.14E-08	2.60E-03	8.20E-07	2.38E-07	1.08E-04	3.39E-08	9.87E-09
1677	495261.06, 3858851.99	2.58E-03	8.13E-07	2.36E-07	2.01E-04	6.36E-08	1.85E-08	2.61E-03	8.24E-07	2.40E-07	2.33E-04	7.34E-08	2.13E-08	2.58E-03	8.15E-07	2.37E-07	1.07E-04	3.38E-08	9.84E-09
1678	495311.06, 3858851.99	2.57E-03	8.10E-07	2.36E-07	2.02E-04	6.36E-08	1.85E-08	2.60E-03	8.21E-07	2.39E-07	2.33E-04	7.34E-08	2.14E-08	2.57E-03	8.12E-07	2.36E-07	1.07E-04	3.38E-08	9.85E-09
1679	495361.06, 3858851.99	2.55E-03	8.06E-07	2.34E-07	2.01E-04	6.35E-08	1.85E-08	2.59E-03	8.16E-07	2.37E-07	2.32E-04	7.33E-08	2.13E-08	2.56E-03	8.07E-07	2.35E-07	1.07E-04	3.38E-08	9.82E-09
1680	495411.06, 3858851.99	2.54E-03	8.01E-07	2.33E-07	2.01E-04	6.33E-08	1.84E-08	2.57E-03	8.12E-07	2.36E-07	2.32E-04	7.31E-08	2.13E-08	2.54E-03	8.02E-07	2.33E-07	1.07E-04	3.37E-08	9.80E-09
1681	495461.06, 3858851.99	2.53E-03	7.97E-07	2.32E-07	2.00E-04	6.33E-08	1.84E-08	2.56E-03	8.08E-07	2.35E-07	2.31E-04	7.30E-08	2.12E-08	2.53E-03	7.99E-07	2.32E-07	1.07E-04	3.37E-08	9.79E-09
1682	495511.06, 3858851.99	2.51E-03	7.91E-07	2.30E-07	2.00E-04	6.31E-08	1.84E-08	2.54E-03	8.02E-07	2.33E-07	2.31E-04	7.28E-08	2.12E-08	2.51E-03	7.92E-07	2.30E-07	1.06E-04	3.36E-08	9.76E-09
1683	495561.06, 3858851.99	2.47E-03	7.79E-07	2.27E-07	1.97E-04	6.21E-08	1.81E-08	2.50E-03	7.90E-07	2.30E-07	2.27E-04	7.16E-08	2.08E-08	2.47E-03	7.80E-07	2.27E-07	1.05E-04	3.30E-08	9.60E-09
1684	495611.06, 3858851.99	2.44E-03	7.69E-07	2.24E-07	1.94E-04	6.14E-08	1.79E-08	2.47E-03	7.80E-07	2.27E-07	2.24E-04	7.08E-08	2.06E-08	2.44E-03	7.70E-07	2.24E-07	1.03E-04	3.26E-08	9.50E-09
1685	495661.06, 3858851.99	2.43E-03	7.66E-07	2.23E-07	1.94E-04	6.13E-08	1.78E-08	2.46E-03	7.76E-07	2.26E-07	2.24E-04	7.07E-08	2.06E-08	2.43E-03	7.66E-07	2.23E-07	1.03E-04	3.26E-08	9.48E-09
1686	494311.06, 3858901.99	3.34E-03	1.05E-06	3.07E-07	2.46E-04	7.75E-08	2.25E-08	3.38E-03	1.07E-06	3.11E-07	2.83E-04	8.94E-08	2.60E-08	3.36E-03	1.06E-06	3.08E-07	1.31E-04	4.12E-08	1.20E-08
1687	494361.06, 3858901.99	3.41E-03	1.08E-06	3.13E-07	2.52E-04	7.94E-08	2.31E-08	3.45E-03	1.09E-06	3.17E-07	2.90E-04	9.17E-08	2.67E-08	3.43E-03	1.08E-06	3.15E-07	1.34E-04	4.23E-08	1.23E-08
1688	494411.06, 3858901.99	3.41E-03	1.08E-06	3.13E-07	2.52E-04	7.96E-08	2.31E-08	3.45E-03	1.09E-06	3.17E-07	2.91E-04	9.19E-08	2.67E-08	3.42E-03	1.08E-06	3.14E-07	1.34E-04	4.24E-08	1.23E-08
1689	494461.06, 3858901.99	3.39E-03	1.07E-06	3.12E-07	2.52E-04	7.95E-08	2.31E-08	3.44E-03	1.08E-06	3.15E-07	2.91E-04	9.18E-08	2.67E-08	3.41E-03	1.08E-06	3.13E-07	1.34E-04	4.23E-08	1.23E-08
1690	494511.06, 3858901.99	3.38E-03	1.07E-06	3.10E-07	2.52E-04	7.95E-08	2.31E-08	3.42E-03	1.08E-06	3.14E-07	2.91E-04	9.17E-08	2.67E-08	3.39E-03	1.07E-06	3.12E-07	1.34E-04	4.23E-08	1.23E-08
1691	494561.06, 3858901.99	3.33E-03	1.05E-06	3.06E-07	2.49E-04	7.87E-08	2.29E-08	3.37E-03	1.06E-06	3.10E-07	2.88E-04	9.08E-08	2.64E-08	3.35E-03	1.06E-06	3.07E-07	1.33E-04	4.18E-08	1.22E-08
1692	494611.06, 3858901.99	3.25E-03	1.03E-06	2.99E-07	2.44E-04	7.71E-08	2.24E-08	3.30E-03	1.04E-06	3.02E-07	2.82E-04	8.90E-08	2.59E-08	3.27E-03	1.03E-06	3.00E-07	1.30E-04	4.10E-08	1.19E-08
1693	494661.06, 3858901.99	3.21E-03	1.01E-06	2.95E-07	2.42E-04	7.63E-08	2.22E-08	3.25E-03	1.03E-06	2.98E-07	2.79E-04	8.81E-08	2.56E-08	3.22E-03	1.02E-06	2.96E-07	1.29E-04	4.06E-08	1.18E-08
1694	494711.06, 3858901.99	3.14E-03	9.91E-07	2.88E-07	2.37E-04	7.48E-08	2.18E-08	3.18E-03	1.00E-06	2.92E-07	2.74E-04	8.64E-08	2.51E-08	3.15E-03	9.95E-07	2.89E-07	1.26E-04	3.98E-08	1.16E-08
1695	494761.06, 3858901.99	3.06E-03	9.65E-07	2.81E-07	2.31E-04	7.31E-08	2.13E-08	3.10E-03	9.77E-07	2.84E-07	2.67E-04	8.43E-08	2.45E-08	3.07E-03	9.69E-07	2.82E-07	1.23E-04	3.89E-08	1.13E-08
1696	494811.06, 3858901.99	3.01E-03	9.50E-07	2.76E-07	2.28E-04	7.21E-08	2.10E-08	3.05E-03	9.62E-07	2.80E-07	2.64E-04	8.32E-08	2.42E-08	3.02E-03	9.53E-07	2.77E-07	1.21E-04	3.83E-08	1.11E-08
1697	494861.06, 3858901.99	2.97E-03	9.37E-07	2.73E-07	2.26E-04	7.13E-08	2.07E-08	3.01E-03	9.49E-07	2.76E-07	2.61E-04	8.23E-08	2.40E-08	2.98E-03	9.41E-07	2.74E-07	1.20E-04	3.79E-08	1.10E-08
1698	494911.06, 3858901.99	2.89E-03	9.13E-07	2.66E-07	2.20E-04	6.96E-08	2.02E-08	2.93E-03	9.25E-07	2.69E-07	2.54E-04	8.03E-08	2.34E-08	2.90E-03	9.16E-07	2.67E-07	1.17E-04	3.70E-08	1.08E-08
1699	494961.06, 3858901.99	2.85E-03	8.99E-07	2.62E-07	2.18E-04	6.87E-08	2.00E-08	2.89E-03	9.11E-07	2.65E-07	2.51E-04	7.93E-08	2.31E-08	2.86E-03	9.02E-07	2.62E-07	1.16E-04	3.65E-08	1.06E-08
1700	495011.06, 3858901.99	2.81E-03	8.86E-07	2.58E-07	2.15E-04	6.78E-08	1.97E-08	2.84E-03	8.97E-07	2.61E-07	2.48E-04	7.82E-08	2.28E-08	2.82E-03	8.88E-07	2.58E-07	1.14E-04	3.61E-08	1.05E-08
1701	495061.06, 3858901.99	2.75E-03	8.67E-07	2.52E-07	2.10E-04	6.64E-08	1.93E-08	2.78E-03	8.78E-07	2.55E-07	2.43E-04	7.67E-08	2.23E-08	2.76E-03	8.70E-07	2.53E-07	1.12E-04	3.53E-08	1.03E-08
1702	495111.06, 3858901.99	2.67E-03	8.42E-07	2.45E-07	2.04E-04	6.45E-08	1.87E-08	2.70E-03	8.53E-07	2.48E-07	2.36E-04	7.44E-08	2.16E-08	2.68E-03	8.45E-07	2.46E-07	1.09E-04	3.43E-08	9.97E-09
1703	495161.06, 3858901.99	2.64E-03	8.33E-07	2.42E-07	2.03E-04	6.39E-08	1.86E-08	2.67E-03	8.44E-07	2.46E-07	2.34E-04	7.38E-08	2.15E-08	2.65E-03	8.36E-07	2.43E-07	1.08E-04	3.40E-08	9.90E-09
1704	495211.06, 3858901.99	2.65E-03	8.35E-07	2.43E-07	2.04E-04	6.44E-08	1.87E-08	2.68E-03	8.46E-07	2.46E-07	2.36E-04	7.44E-08	2.16E-08	2.65E-03	8.38E-07	2.44E-07	1.09E-04	3.43E-08	9.97E-09
1705	495261.06, 3858901.99	2.63E-03	8.31E-07	2.42E-07	2.04E-04	6.44E-08	1.87E-08	2.67E-03	8.42E-07	2.45E-07	2.36E-04	7.43E-08	2.16E-08	2.64E-03	8.34E-07	2.42E-07	1.09E-04	3.43E-08	9.97E-09
1706	495311.06, 3858901.99	2.62E-03	8.26E-07	2.40E-07	2.03E-04	6.42E-08	1.87E-08	2.65E-03	8.37E-07	2.43E-07	2.35E-04	7.41E-08	2.16E-08	2.62E-03	8.28E-07	2.41E-07	1.08E-04	3.42E-08	9.93E-09
1707	495361.06, 3858901.99	2.60E-03	8.21E-07	2.39E-07	2.03E-04	6.40E-08	1.86E-08	2.64E-03	8.32E-07	2.42E-07	2.34E-04	7.39E-08	2.15E-08	2.61E-03	8.23E-07	2.39E-07	1.08E-04	3.41E-08	9.91E-09
1708	495411.06, 3858901.99	2.60E-03	8.19E-07	2.38E-07	2.03E-04	6.42E-08	1.87E-08	2.63E-03	8.30E-07	2.41E-07	2.35E-04	7.41E-08	2.15E-08	2.60E-03	8.21E-07	2.39E-07	1.08E-04	3.41E-08	9.93E-09
1709	495461.06, 3858901.99	2.57E-03	8.13E-07	2.36E-07	2.02E-04	6.38E-08	1.86E-08	2.61E-03	8.23E-07	2.39E-07	2.33E-04	7.37E-08	2.14E-08	2.58E-03	8.14E-07	2.37E-07	1.08E-04	3.39E-08	9.88E-09
1710	495511.06, 3858901.99	2.55E-03	8.03E-07	2.34E-07	2.00E-04	6.32E-08	1.84E-08	2.58E-03	8.14E-07	2.37E-07	2.31E-04	7.30E-08	2.12E-08	2.55E-03	8.05E-07	2.34E-07	1.07E-04	3.36E-08	9.78E-09
1711	495561.06, 3858901.99	2.52E-03	7.95E-07	2.31E-07	1.99E-04	6.28E-08	1.83E-08	2.55E-03	8.06E-07	2.34E-07	2.30E-04	7.25E-08	2.11E-08	2.52E-03	7.97E-07	2.32E-07	1.06E-04	3.34E-08	9.71E-09
1712	495611.06, 3858901.99	2.49E-03	7.85E-07	2.28E-07	1.97E-04	6.21E-08	1.81E-08	2.52E-03	7.96E-07	2.31E-07	2.27E-04	7.17E-08	2.08E-08	2.49E-03	7.87E-07	2.29E-07	1.05E-04	3.30E-08	9.60E-09

1713	495661.06, 3858901.99	2.48E-03	7.82E-07	2.28E-07	1.97E-04	6.21E-08	1.81E-08	2.51E-03	7.93E-07	2.31E-07	2.27E-04	7.17E-08	2.08E-08	2.48E-03	7.84E-07	2.28E-07	1.05E-04	3.30E-08	9.60E-09
1714	494311.06, 3858951.99	3.50E-03	1.10E-06	3.21E-07	2.53E-04	7.99E-08	2.32E-08	3.54E-03	1.12E-06	3.25E-07	2.92E-04	9.22E-08	2.68E-08	3.52E-03	1.11E-06	3.23E-07	1.35E-04	4.25E-08	1.24E-08
1715	494361.06, 3858951.99	3.52E-03	1.11E-06	3.23E-07	2.55E-04	8.05E-08	2.34E-08	3.56E-03	1.12E-06	3.27E-07	2.94E-04	9.29E-08	2.70E-08	3.54E-03	1.12E-06	3.25E-07	1.36E-04	4.28E-08	1.25E-08
1716	494411.06, 3858951.99	3.48E-03	1.10E-06	3.20E-07	2.53E-04	8.00E-08	2.33E-08	3.52E-03	1.11E-06	3.23E-07	2.92E-04	9.23E-08	2.68E-08	3.50E-03	1.11E-06	3.21E-07	1.35E-04	4.25E-08	1.24E-08
1717	494461.06, 3858951.99	3.47E-03	1.10E-06	3.19E-07	2.53E-04	8.00E-08	2.33E-08	3.51E-03	1.11E-06	3.23E-07	2.93E-04	9.23E-08	2.69E-08	3.49E-03	1.10E-06	3.21E-07	1.35E-04	4.25E-08	1.24E-08
1718	494511.06, 3858951.99	3.44E-03	1.09E-06	3.16E-07	2.52E-04	7.96E-08	2.31E-08	3.48E-03	1.10E-06	3.20E-07	2.91E-04	9.19E-08	2.67E-08	3.46E-03	1.09E-06	3.18E-07	1.34E-04	4.23E-08	1.23E-08
1719	494561.06, 3858951.99	3.39E-03	1.07E-06	3.12E-07	2.50E-04	7.88E-08	2.29E-08	3.44E-03	1.08E-06	3.16E-07	2.88E-04	9.10E-08	2.65E-08	3.41E-03	1.08E-06	3.13E-07	1.33E-04	4.19E-08	1.22E-08
1720	494611.06, 3858951.99	3.33E-03	1.05E-06	3.06E-07	2.46E-04	7.76E-08	2.26E-08	3.37E-03	1.06E-06	3.09E-07	2.84E-04	8.95E-08	2.60E-08	3.35E-03	1.06E-06	3.07E-07	1.31E-04	4.12E-08	1.20E-08
1721	494661.06, 3858951.99	3.27E-03	1.03E-06	3.00E-07	2.42E-04	7.64E-08	2.22E-08	3.31E-03	1.04E-06	3.04E-07	2.80E-04	8.82E-08	2.57E-08	3.28E-03	1.04E-06	3.01E-07	1.29E-04	4.06E-08	1.18E-08
1722	494711.06, 3858951.99	3.18E-03	1.00E-06	2.92E-07	2.37E-04	7.47E-08	2.17E-08	3.22E-03	1.02E-06	2.96E-07	2.73E-04	8.62E-08	2.51E-08	3.20E-03	1.01E-06	2.94E-07	1.26E-04	3.97E-08	1.16E-08
1723	494761.06, 3858951.99	3.12E-03	9.85E-07	2.86E-07	2.33E-04	7.35E-08	2.14E-08	3.16E-03	9.97E-07	2.90E-07	2.69E-04	8.48E-08	2.47E-08	3.13E-03	9.89E-07	2.88E-07	1.24E-04	3.91E-08	1.14E-08
1724	494811.06, 3858951.99	3.08E-03	9.71E-07	2.82E-07	2.30E-04	7.26E-08	2.11E-08	3.11E-03	9.83E-07	2.86E-07	2.66E-04	8.38E-08	2.44E-08	3.09E-03	9.75E-07	2.84E-07	1.22E-04	3.86E-08	1.12E-08
1725	494861.06, 3858951.99	3.03E-03	9.56E-07	2.78E-07	2.28E-04	7.18E-08	2.09E-08	3.07E-03	9.68E-07	2.82E-07	2.63E-04	8.29E-08	2.41E-08	3.04E-03	9.61E-07	2.79E-07	1.21E-04	3.82E-08	1.11E-08
1726	494911.06, 3858951.99	2.97E-03	9.37E-07	2.72E-07	2.23E-04	7.05E-08	2.05E-08	3.01E-03	9.49E-07	2.76E-07	2.58E-04	8.14E-08	2.37E-08	2.98E-03	9.41E-07	2.74E-07	1.19E-04	3.75E-08	1.09E-08
1727	494961.06, 3858951.99	2.93E-03	9.26E-07	2.69E-07	2.21E-04	6.99E-08	2.03E-08	2.97E-03	9.38E-07	2.73E-07	2.56E-04	8.07E-08	2.35E-08	2.95E-03	9.30E-07	2.70E-07	1.18E-04	3.72E-08	1.08E-08
1728	495011.06, 3858951.99	2.84E-03	8.98E-07	2.61E-07	2.15E-04	6.78E-08	1.97E-08	2.88E-03	9.09E-07	2.64E-07	2.48E-04	7.82E-08	2.28E-08	2.86E-03	9.01E-07	2.62E-07	1.14E-04	3.61E-08	1.05E-08
1729	495061.06, 3858951.99	2.76E-03	8.71E-07	2.53E-07	2.08E-04	6.58E-08	1.91E-08	2.80E-03	8.82E-07	2.57E-07	2.41E-04	7.59E-08	2.21E-08	2.77E-03	8.75E-07	2.54E-07	1.11E-04	3.50E-08	1.02E-08
1730	495111.06, 3858951.99	2.70E-03	8.51E-07	2.48E-07	2.04E-04	6.43E-08	1.87E-08	2.73E-03	8.62E-07	2.51E-07	2.35E-04	7.42E-08	2.16E-08	2.71E-03	8.54E-07	2.49E-07	1.08E-04	3.42E-08	9.95E-09
1731	495161.06, 3858951.99	2.71E-03	8.56E-07	2.49E-07	2.06E-04	6.51E-08	1.89E-08	2.75E-03	8.67E-07	2.52E-07	2.38E-04	7.51E-08	2.19E-08	2.72E-03	8.60E-07	2.50E-07	1.10E-04	3.46E-08	1.01E-08
1732	495211.06, 3858951.99	2.70E-03	8.53E-07	2.48E-07	2.06E-04	6.51E-08	1.89E-08	2.74E-03	8.64E-07	2.51E-07	2.38E-04	7.52E-08	2.19E-08	2.71E-03	8.56E-07	2.49E-07	1.10E-04	3.46E-08	1.01E-08
1733	495261.06, 3858951.99	2.69E-03	8.50E-07	2.47E-07	2.06E-04	6.51E-08	1.89E-08	2.73E-03	8.60E-07	2.50E-07	2.38E-04	7.52E-08	2.19E-08	2.70E-03	8.52E-07	2.48E-07	1.10E-04	3.46E-08	1.01E-08
1734	495311.06, 3858951.99	2.66E-03	8.39E-07	2.44E-07	2.04E-04	6.44E-08	1.87E-08	2.69E-03	8.50E-07	2.47E-07	2.36E-04	7.44E-08	2.16E-08	2.67E-03	8.41E-07	2.45E-07	1.09E-04	3.43E-08	9.97E-09
1735	495361.06, 3858951.99	2.65E-03	8.36E-07	2.43E-07	2.04E-04	6.45E-08	1.88E-08	2.68E-03	8.47E-07	2.46E-07	2.36E-04	7.45E-08	2.17E-08	2.66E-03	8.39E-07	2.44E-07	1.09E-04	3.43E-08	9.98E-09
1736	495411.06, 3858951.99	2.65E-03	8.35E-07	2.43E-07	2.05E-04	6.47E-08	1.88E-08	2.68E-03	8.46E-07	2.46E-07	2.37E-04	7.47E-08	2.17E-08	2.65E-03	8.37E-07	2.44E-07	1.09E-04	3.44E-08	1.00E-08
1737	495461.06, 3858951.99	2.63E-03	8.29E-07	2.41E-07	2.04E-04	6.45E-08	1.88E-08	2.66E-03	8.40E-07	2.44E-07	2.36E-04	7.44E-08	2.16E-08	2.63E-03	8.31E-07	2.42E-07	1.09E-04	3.43E-08	9.97E-09
1738	495511.06, 3858951.99	2.62E-03	8.26E-07	2.40E-07	2.04E-04	6.45E-08	1.88E-08	2.65E-03	8.37E-07	2.44E-07	2.36E-04	7.44E-08	2.17E-08	2.62E-03	8.28E-07	2.41E-07	1.09E-04	3.43E-08	9.97E-09
1739	495561.06, 3858951.99	2.57E-03	8.12E-07	2.36E-07	2.01E-04	6.34E-08	1.85E-08	2.61E-03	8.22E-07	2.39E-07	2.32E-04	7.32E-08	2.13E-08	2.58E-03	8.14E-07	2.37E-07	1.07E-04	3.37E-08	9.81E-09
1740	495611.06, 3858951.99	2.54E-03	8.02E-07	2.33E-07	1.99E-04	6.29E-08	1.83E-08	2.58E-03	8.13E-07	2.36E-07	2.30E-04	7.26E-08	2.11E-08	2.55E-03	8.04E-07	2.34E-07	1.06E-04	3.34E-08	9.72E-09
1741	495661.06, 3858951.99	2.53E-03	8.00E-07	2.33E-07	1.99E-04	6.29E-08	1.83E-08	2.57E-03	8.11E-07	2.36E-07	2.30E-04	7.26E-08	2.11E-08	2.54E-03	8.02E-07	2.33E-07	1.06E-04	3.34E-08	9.72E-09
1742	494311.06, 3859001.99	3.62E-03	1.14E-06	3.32E-07	2.57E-04	8.11E-08	2.36E-08	3.66E-03	1.16E-06	3.36E-07	2.97E-04	9.36E-08	2.72E-08	3.64E-03	1.15E-06	3.34E-07	1.37E-04	4.31E-08	1.25E-08
1743	494361.06, 3859001.99	3.60E-03	1.14E-06	3.30E-07	2.57E-04	8.10E-08	2.36E-08	3.64E-03	1.15E-06	3.34E-07	2.96E-04	9.35E-08	2.72E-08	3.62E-03	1.14E-06	3.33E-07	1.36E-04	4.31E-08	1.25E-08
1744	494411.06, 3859001.99	3.57E-03	1.13E-06	3.28E-07	2.55E-04	8.06E-08	2.34E-08	3.62E-03	1.14E-06	3.32E-07	2.95E-04	9.31E-08	2.71E-08	3.60E-03	1.14E-06	3.30E-07	1.36E-04	4.28E-08	1.25E-08
1745	494461.06, 3859001.99	3.55E-03	1.12E-06	3.25E-07	2.54E-04	8.03E-08	2.33E-08	3.59E-03	1.13E-06	3.29E-07	2.94E-04	9.27E-08	2.70E-08	3.57E-03	1.13E-06	3.28E-07	1.35E-04	4.27E-08	1.24E-08
1746	494511.06, 3859001.99	3.52E-03	1.11E-06	3.23E-07	2.53E-04	7.99E-08	2.32E-08	3.56E-03	1.12E-06	3.27E-07	2.92E-04	9.22E-08	2.68E-08	3.54E-03	1.12E-06	3.25E-07	1.35E-04	4.25E-08	1.23E-08
1747	494561.06, 3859001.99	3.45E-03	1.09E-06	3.17E-07	2.50E-04	7.88E-08	2.29E-08	3.49E-03	1.10E-06	3.21E-07	2.88E-04	9.09E-08	2.64E-08	3.47E-03	1.10E-06	3.19E-07	1.33E-04	4.19E-08	1.22E-08
1748	494611.06, 3859001.99	3.39E-03	1.07E-06	3.11E-07	2.46E-04	7.77E-08	2.26E-08	3.43E-03	1.08E-06	3.15E-07	2.84E-04	8.97E-08	2.61E-08	3.41E-03	1.08E-06	3.13E-07	1.31E-04	4.13E-08	1.20E-08
1749	494661.06, 3859001.99	3.32E-03	1.05E-06	3.04E-07	2.42E-04	7.64E-08	2.22E-08	3.36E-03	1.06E-06	3.08E-07	2.79E-04	8.82E-08	2.56E-08	3.34E-03	1.05E-06	3.06E-07	1.29E-04	4.06E-08	1.18E-08
1750	494711.06, 3859001.99	3.23E-03	1.02E-06	2.97E-07	2.37E-04	7.47E-08	2.17E-08	3.27E-03	1.03E-06	3.00E-07	2.73E-04	8.63E-08	2.51E-08	3.25E-03	1.03E-06	2.98E-07	1.26E-04	3.97E-08	1.16E-08
1751	494761.06, 3859001.99	3.18E-03	1.00E-06	2.92E-07	2.34E-04	7.38E-08	2.15E-08	3.22E-03	1.02E-06	2.95E-07	2.70E-04	8.52E-08	2.48E-08	3.20E-03	1.01E-06	2.93E-07	1.24E-04	3.92E-08	1.14E-08
1752	494811.06, 3859001.99	3.15E-03	9.93E-07	2.89E-07	2.32E-04	7.33E-08	2.13E-08	3.18E-03	1.00E-06	2.92E-07	2.68E-04	8.46E-08	2.46E-08	3.16E-03	9.98E-07	2.90E-07	1.23E-04	3.89E-08	1.13E-08
1753	494861.06, 3859001.99	3.09E-03	9.75E-07	2.84E-07	2.29E-04	7.22E-08	2.10E-08	3.13E-03	9.87E-07	2.87E-07	2.64E-04	8.33E-08	2.42E-08	3.10E-03	9.80E-07	2.85E-07	1.22E-04	3.84E-08	1.12E-08
1754	494911.06, 3859001.99	3.03E-03	9.56E-07	2.78E-07	2.25E-04	7.10E-08	2.07E-08	3.07E-03	9.68E-07	2.82E-07	2.60E-04	8.20E-08	2.39E-08	3.05E-03	9.61E-07	2.80E-07	1.20E-04	3.78E-08	1.10E-08
1755	494961.06, 3859001.99	2.97E-03	9.38E-07	2.73E-07	2.21E-04	6.98E-08	2.03E-08	3.01E-03	9.50E-07	2.76E-07	2.55E-04	8.06E-08	2.35E-08	2.99E-03	9.42E-07	2.74E-07	1.18E-04	3.71E-08	1.08E-08
1756	495011.06, 3859001.99	2.83E-03	8.93E-07	2.60E-07	2.10E-04	6.64E-08	1.93E-08	2.87E-03	9.04E-07	2.63E-07	2.43E-04	7.67E-08	2.23E-08	2.84E-03	8.98E-07	2.61E-07	1.12E-04	3.53E-08	1.03E-08
1757	495061.06, 3859001.99	2.80E-03	8.83E-07	2.57E-07	2.09E-04	6.59E-08	1.92E-08	2.83E-03	8.94E-07	2.60E-07	2.41E-04	7.60E-08	2.21E-08	2.81E-03	8.87E-07	2.58E-07	1.11E-04	3.50E-08	1.02E-08
1758	495111.06, 3859001.99	2.74E-03	8.63E-07	2.51E-07	2.04E-04	6.45E-08	1.88E-08	2.77E-03	8.74E-07	2.54E-07	2.36E-04	7.44E-08	2.16E-08	2.75E-03	8.67E-07	2.52E-07	1.09E-04	3.43E-08	9.97E-09
1759	495161.06, 3859001.99	2.77E-03	8.74E-07	2.54E-07	2.08E-04	6.57E-08	1.91E-08	2.80E-03	8.85E-07	2.57E-07	2.40E-04	7.59E-08	2.21E-08	2.78E-03	8.78E-07	2.55E-07	1.11E-04	3.49E-08	1.02E-08
1760	495211.06, 3859001.99	2.75E-03	8.68E-07	2.53E-07	2.08E-04	6.55E-08	1.91E-08	2.79E-03	8.79E-07	2.56E-07	2.40E-04	7.56E-08	2.20E-08	2.76E-03	8.72E-07	2.54E-07	1.10E-04	3.48E-08	1.01E-08
1761	495261.06, 3859001.99	2.74E-03	8.66E-07	2.52E-07	2.08E-04	6.56E-08	1.91E-08	2.78E-03	8.77E-07	2.55E-07	2.40E-04	7.57E-08	2.20E-08	2.75E-03	8.69E-07	2.53E-07	1.11E-04	3.49E-08	1.01E-08
1762	495311.06, 3859001.99	2.72E-03	8.59E-07	2.50E-07	2.07E-04	6.53E-08	1.90E-08	2.76E-03	8.70E-07	2.53E-07	2.39E-04	7.54E-08	2.19E-08	2.73E-03	8.62E-07	2.51E-07	1.10E-04	3.47E-08	1.01E-08
1763	495361.06, 3859001.99	2.71E-03	8.56E-07	2.49E-07	2.07E-04	6.54E-08	1.90E-08	2.75E-03	8.67E-07	2.52E-07	2.39E-04	7.54E-08	2.19E-08	2.72E-03	8.59E-07	2.50E-07	1.10E-04	3.47E-08	1.01E-08
1764	495411.06, 3859001.99	2.70E-03	8.51E-07	2.48E-07	2.07E-04	6.52E-08	1.90E-08	2.73E-03	8.62E-07	2.51E-07	2.39E-04	7.53E-08	2.19E-08	2.71E-03	8.54E-07	2.48E-07	1.10E-04	3.47E-08	1.01E-08
1765	495461.06, 3859001.99	2.68E-03	8.47E-07	2.46E-07	2.06E-04	6.52E-08	1.90E-08	2.72E-03	8.58E-07	2.50E-07	2.38E-04	7.52E-08	2.19E-08	2.69E-03	8.50E-07	2.47E-07	1.10E-04	3.46E-08	1.01E-08
1766	495511.06, 3859001.99	2.65E-03	8.35E-07	2.43E-07	2.04E-04	6.44E-08	1.87E-08	2.68E-03	8.46E-07	2.46E-07	2.36E-04	7.43E-08	2.16E-08	2.65E-03	8.38E-07	2.44E-07	1.08E-04	3.42E-08	9.96E-09
1767	495561.06, 3859001.99	2.62E-03	8.27E-07	2.41E-07	2.03E-04	6.40E-08	1.86E-08	2.66E-03	8.38E-07	2.44E-07	2.34E-04	7.39E-08	2.15E-08	2.63E-03	8.30E-07	2.41E-07	1.08E-04	3.40E-08	9.89E-09
1768	495611.06, 3859001.99	2.60E-03	8.19E-07	2.38E-07	2.01E-04	6.35E-08	1.85E-08	2.63E-03	8.30E-07	2.41E-07	2.32E-04	7.33E-08	2.13E-08	2.60E-03	8.21E-07	2.39E-07	1.07E-04	3.38E-08	9.82E-09
1769	495661.06, 3859001.99	2.60E-03	8.21E-07	2.39E-07	2.03E-04	6.40E-08	1.86E-08	2.64E-03	8.32E-07	2.42E-07	2.34E-04	7.38E-08	2.15E-08	2.61E-03	8.23E-07	2.39E-07	1.08E-04	3.40E-08	9.89E-09
1770	494311.06, 3859051.99	3.71E-03	1.17E-06	3.41E-07	2.59E-04	8.17E-08	2.38E-08	3.75E-03	1.18E-06	3.45E-07	2.99E-04	9.43E-08	2.74E-08	3.74E-03	1.18E-06	3.43E-07	1.38E-04	4.34E-08	1.26E-08
1771	494361.06, 3859051.99	3.69E-03	1.17E-06	3.39E-07	2.58E-04	8.15E-08	2.37E-08	3.74E-03	1.18E-06	3.43E-07	2.98E-04	9.41E-08	2.74E-08	3.73E-03	1.18E-06	3.42E-07	1.37E-04	4.33E-08	1.26E-08
1772	494411.06, 3859051.99	3.66E-03	1.15E-06	3.36E-07	2.56E-04	8.09E-08	2.35E-08	3.70E-03	1.17E-06	3.40E-07	2.96E-04	9.34E-08	2.72E-08	3.68E-03	1.16E-06	3.38E-07	1.36E-04	4.30E-08	1.25E-08
1773	494461.06, 3859051.99	3.61E-03	1.14E-06	3.31E-07	2.54E-04	8.03E-08	2.33E-08	3.65E-03	1.15E-06	3.35E-07	2.94E-04	9.27E-08	2.70E-08	3.64E-03	1.15E-06	3.34E-07	1.35E-04	4.26E-08	1.24E-08
1774	494511.06, 3859051.99	3.55E-03	1.12E-06	3.26E-07	2.52E-04	7.94E-08	2.31E-08	3.59E-03	1.13E-06	3.30E-07	2.90E-04	9.17E-08	2.67E-08	3.58E-03	1.13E-06	3.29E-07	1.34E-04	4.22E-08	1.23E-08
1775	494561.06, 3859051.99	3.50E-03	1.11E-06	3.22E-07	2.49E-04	7.86E-08	2.29E-08	3.55E-03	1.12E-06	3.25E-07	2.88E-04	9.08E-08	2.64E-08	3.53E-03	1.11E-06	3.24E-07	1.32E-04	4.18E-08	1.22E-08
1776	494611.06, 3859051.99	3.44E-03	1.09E-06	3.16E-07	2.46E-04	7.76E-08	2.26E-08	3.48E-03	1.10E-06	3.20E-07	2.84E-04	8.96E-08	2.61E-08	3.46E-03	1.09E-06	3.18E-07	1.31E-04	4.12E-08	1.20E-08
1777	494661.06, 3859051.99	3.37E-03	1.06E-06	3.10E-07	2.42E-04	7.64E-08	2.22E-08	3.41E-03	1.08E-06	3.13E-07	2.80E-04	8.82E-08	2.57E-08	3.39E-03	1.07E-06	3.12E-07	1.29E-04	4.06E-08	1.18E-08
1778	494711.06, 3859051.99	3.31E-03	1.04E-06	3.04E-07	2.39E-04	7.53E-08	2.19E-08	3.35E-03	1.06E-06	3.07E-07	2.76E-04	8.70E-08	2.53E-08	3.33E-03	1.05E-06	3.06E-07	1.27E-04	4.00E-08	1.16E-08

1779	494761.06, 3859051.99	3.24E-03	1.02E-06	2.98E-07	2.35E-04	7.42E-08	2.16E-08	3.28E-03	1.04E-06	3.01E-07	2.71E-04	8.56E-08	2.49E-08	3.26E-03	1.03E-06	3.00E-07	1.25E-04	3.94E-08	1.15E-08
1780	494811.06, 3859051.99	3.20E-03	1.01E-06	2.93E-07	2.32E-04	7.33E-08	2.13E-08	3.24E-03	1.02E-06	2.97E-07	2.68E-04	8.47E-08	2.46E-08	3.22E-03	1.01E-06	2.95E-07	1.24E-04	3.90E-08	1.13E-08
1781	494861.06, 3859051.99	3.15E-03	9.93E-07	2.89E-07	2.30E-04	7.25E-08	2.11E-08	3.19E-03	1.01E-06	2.92E-07	2.65E-04	8.37E-08	2.43E-08	3.17E-03	9.99E-07	2.91E-07	1.22E-04	3.85E-08	1.12E-08
1782	494911.06, 3859051.99	3.08E-03	9.71E-07	2.82E-07	2.25E-04	7.11E-08	2.07E-08	3.11E-03	9.83E-07	2.86E-07	2.60E-04	8.21E-08	2.39E-08	3.09E-03	9.77E-07	2.84E-07	1.20E-04	3.78E-08	1.10E-08
1783	494961.06, 3859051.99	2.98E-03	9.40E-07	2.73E-07	2.19E-04	6.90E-08	2.01E-08	3.01E-03	9.51E-07	2.77E-07	2.52E-04	7.97E-08	2.32E-08	2.99E-03	9.45E-07	2.75E-07	1.16E-04	3.67E-08	1.07E-08
1784	495011.06, 3859051.99	2.90E-03	9.16E-07	2.66E-07	2.14E-04	6.74E-08	1.96E-08	2.94E-03	9.27E-07	2.70E-07	2.47E-04	7.78E-08	2.26E-08	2.92E-03	9.21E-07	2.68E-07	1.14E-04	3.58E-08	1.04E-08
1785	495061.06, 3859051.99	2.85E-03	9.00E-07	2.62E-07	2.10E-04	6.64E-08	1.93E-08	2.89E-03	9.11E-07	2.65E-07	2.43E-04	7.67E-08	2.23E-08	2.87E-03	9.05E-07	2.63E-07	1.12E-04	3.53E-08	1.03E-08
1786	495111.06, 3859051.99	2.82E-03	8.91E-07	2.59E-07	2.09E-04	6.59E-08	1.92E-08	2.86E-03	9.02E-07	2.62E-07	2.41E-04	7.61E-08	2.21E-08	2.84E-03	8.95E-07	2.60E-07	1.11E-04	3.50E-08	1.02E-08
1787	495161.06, 3859051.99	2.83E-03	8.94E-07	2.60E-07	2.11E-04	6.65E-08	1.94E-08	2.87E-03	9.06E-07	2.63E-07	2.43E-04	7.68E-08	2.23E-08	2.85E-03	8.99E-07	2.61E-07	1.12E-04	3.54E-08	1.03E-08
1788	495211.06, 3859051.99	2.80E-03	8.83E-07	2.57E-07	2.09E-04	6.59E-08	1.92E-08	2.83E-03	8.95E-07	2.60E-07	2.41E-04	7.61E-08	2.21E-08	2.81E-03	8.88E-07	2.58E-07	1.11E-04	3.50E-08	1.02E-08
1789	495261.06, 3859051.99	2.80E-03	8.84E-07	2.57E-07	2.10E-04	6.62E-08	1.93E-08	2.84E-03	8.95E-07	2.60E-07	2.42E-04	7.65E-08	2.22E-08	2.81E-03	8.88E-07	2.58E-07	1.12E-04	3.52E-08	1.02E-08
1790	495311.06, 3859051.99	2.77E-03	8.76E-07	2.55E-07	2.09E-04	6.59E-08	1.92E-08	2.81E-03	8.87E-07	2.58E-07	2.41E-04	7.60E-08	2.21E-08	2.79E-03	8.80E-07	2.56E-07	1.11E-04	3.50E-08	1.02E-08
1791	495361.06, 3859051.99	2.76E-03	8.71E-07	2.53E-07	2.08E-04	6.58E-08	1.91E-08	2.80E-03	8.82E-07	2.57E-07	2.41E-04	7.59E-08	2.21E-08	2.77E-03	8.75E-07	2.55E-07	1.11E-04	3.50E-08	1.02E-08
1792	495411.06, 3859051.99	2.75E-03	8.69E-07	2.53E-07	2.09E-04	6.59E-08	1.92E-08	2.79E-03	8.80E-07	2.56E-07	2.41E-04	7.60E-08	2.21E-08	2.77E-03	8.73E-07	2.54E-07	1.11E-04	3.50E-08	1.02E-08
1793	495461.06, 3859051.99	2.75E-03	8.67E-07	2.52E-07	2.09E-04	6.59E-08	1.92E-08	2.78E-03	8.78E-07	2.55E-07	2.41E-04	7.61E-08	2.21E-08	2.76E-03	8.70E-07	2.53E-07	1.11E-04	3.50E-08	1.02E-08
1794	495511.06, 3859051.99	2.71E-03	8.54E-07	2.48E-07	2.06E-04	6.51E-08	1.90E-08	2.74E-03	8.65E-07	2.52E-07	2.38E-04	7.52E-08	2.19E-08	2.72E-03	8.57E-07	2.49E-07	1.10E-04	3.46E-08	1.01E-08
1795	495561.06, 3859051.99	2.67E-03	8.44E-07	2.46E-07	2.05E-04	6.46E-08	1.88E-08	2.71E-03	8.55E-07	2.49E-07	2.36E-04	7.45E-08	2.17E-08	2.68E-03	8.47E-07	2.46E-07	1.09E-04	3.43E-08	9.98E-09
1796	495611.06, 3859051.99	2.65E-03	8.35E-07	2.43E-07	2.03E-04	6.41E-08	1.86E-08	2.68E-03	8.46E-07	2.46E-07	2.34E-04	7.40E-08	2.15E-08	2.66E-03	8.38E-07	2.44E-07	1.08E-04	3.41E-08	9.91E-09
1797	495661.06, 3859051.99	2.65E-03	8.36E-07	2.43E-07	2.04E-04	6.44E-08	1.87E-08	2.68E-03	8.47E-07	2.46E-07	2.36E-04	7.44E-08	2.16E-08	2.66E-03	8.39E-07	2.44E-07	1.08E-04	3.42E-08	9.96E-09
1798	494311.06, 3859101.99	3.81E-03	1.20E-06	3.49E-07	2.60E-04	8.20E-08	2.39E-08	3.85E-03	1.22E-06	3.53E-07	3.00E-04	9.47E-08	2.75E-08	3.84E-03	1.21E-06	3.53E-07	1.38E-04	4.35E-08	1.27E-08
1799	494361.06, 3859101.99	3.77E-03	1.19E-06	3.46E-07	2.58E-04	8.15E-08	2.37E-08	3.81E-03	1.20E-06	3.50E-07	2.98E-04	9.41E-08	2.74E-08	3.80E-03	1.20E-06	3.49E-07	1.37E-04	4.33E-08	1.26E-08
1800	494411.06, 3859101.99	3.74E-03	1.18E-06	3.43E-07	2.57E-04	8.12E-08	2.36E-08	3.78E-03	1.19E-06	3.47E-07	2.97E-04	9.37E-08	2.73E-08	3.77E-03	1.19E-06	3.46E-07	1.37E-04	4.31E-08	1.25E-08
1801	494461.06, 3859101.99	3.69E-03	1.16E-06	3.39E-07	2.55E-04	8.05E-08	2.34E-08	3.73E-03	1.18E-06	3.43E-07	2.94E-04	9.29E-08	2.70E-08	3.72E-03	1.17E-06	3.42E-07	1.35E-04	4.27E-08	1.24E-08
1802	494511.06, 3859101.99	3.62E-03	1.14E-06	3.32E-07	2.52E-04	7.95E-08	2.31E-08	3.66E-03	1.16E-06	3.36E-07	2.91E-04	9.17E-08	2.67E-08	3.65E-03	1.15E-06	3.35E-07	1.34E-04	4.22E-08	1.23E-08
1803	494561.06, 3859101.99	3.56E-03	1.13E-06	3.27E-07	2.49E-04	7.87E-08	2.29E-08	3.61E-03	1.14E-06	3.31E-07	2.88E-04	9.08E-08	2.64E-08	3.59E-03	1.13E-06	3.30E-07	1.32E-04	4.18E-08	1.22E-08
1804	494611.06, 3859101.99	3.48E-03	1.10E-06	3.20E-07	2.45E-04	7.74E-08	2.25E-08	3.53E-03	1.11E-06	3.24E-07	2.83E-04	8.93E-08	2.60E-08	3.51E-03	1.11E-06	3.22E-07	1.30E-04	4.11E-08	1.20E-08
1805	494661.06, 3859101.99	3.43E-03	1.08E-06	3.15E-07	2.43E-04	7.65E-08	2.23E-08	3.47E-03	1.10E-06	3.19E-07	2.80E-04	8.84E-08	2.57E-08	3.46E-03	1.09E-06	3.17E-07	1.29E-04	4.07E-08	1.18E-08
1806	494711.06, 3859101.99	3.34E-03	1.06E-06	3.07E-07	2.38E-04	7.50E-08	2.18E-08	3.38E-03	1.07E-06	3.11E-07	2.74E-04	8.66E-08	2.52E-08	3.37E-03	1.06E-06	3.09E-07	1.26E-04	3.98E-08	1.16E-08
1807	494761.06, 3859101.99	3.32E-03	1.05E-06	3.04E-07	2.37E-04	7.47E-08	2.17E-08	3.36E-03	1.06E-06	3.08E-07	2.73E-04	8.62E-08	2.51E-08	3.34E-03	1.05E-06	3.07E-07	1.26E-04	3.97E-08	1.15E-08
1808	494811.06, 3859101.99	3.26E-03	1.03E-06	2.99E-07	2.33E-04	7.37E-08	2.14E-08	3.30E-03	1.04E-06	3.03E-07	2.69E-04	8.50E-08	2.47E-08	3.28E-03	1.04E-06	3.01E-07	1.24E-04	3.91E-08	1.14E-08
1809	494861.06, 3859101.99	3.20E-03	1.01E-06	2.94E-07	2.31E-04	7.28E-08	2.12E-08	3.24E-03	1.02E-06	2.98E-07	2.66E-04	8.40E-08	2.44E-08	3.23E-03	1.02E-06	2.96E-07	1.22E-04	3.87E-08	1.12E-08
1810	494911.06, 3859101.99	3.13E-03	9.88E-07	2.87E-07	2.26E-04	7.14E-08	2.08E-08	3.17E-03	1.00E-06	2.91E-07	2.61E-04	8.24E-08	2.40E-08	3.15E-03	9.94E-07	2.89E-07	1.20E-04	3.79E-08	1.10E-08
1811	494961.06, 3859101.99	3.02E-03	9.54E-07	2.78E-07	2.19E-04	6.92E-08	2.01E-08	3.06E-03	9.66E-07	2.81E-07	2.53E-04	7.99E-08	2.32E-08	3.04E-03	9.60E-07	2.79E-07	1.17E-04	3.68E-08	1.07E-08
1812	495011.06, 3859101.99	2.91E-03	9.20E-07	2.68E-07	2.12E-04	6.68E-08	1.94E-08	2.95E-03	9.31E-07	2.71E-07	2.44E-04	7.71E-08	2.24E-08	2.93E-03	9.26E-07	2.69E-07	1.13E-04	3.55E-08	1.03E-08
1813	495061.06, 3859101.99	2.91E-03	9.18E-07	2.67E-07	2.12E-04	6.70E-08	1.95E-08	2.94E-03	9.29E-07	2.70E-07	2.45E-04	7.73E-08	2.25E-08	2.93E-03	9.23E-07	2.69E-07	1.13E-04	3.56E-08	1.04E-08
1814	495111.06, 3859101.99	2.87E-03	9.07E-07	2.64E-07	2.10E-04	6.64E-08	1.93E-08	2.91E-03	9.18E-07	2.67E-07	2.43E-04	7.66E-08	2.23E-08	2.89E-03	9.12E-07	2.65E-07	1.12E-04	3.53E-08	1.03E-08
1815	495161.06, 3859101.99	2.89E-03	9.11E-07	2.65E-07	2.12E-04	6.70E-08	1.95E-08	2.92E-03	9.22E-07	2.68E-07	2.45E-04	7.73E-08	2.25E-08	2.90E-03	9.16E-07	2.66E-07	1.13E-04	3.56E-08	1.04E-08
1816	495211.06, 3859101.99	2.85E-03	9.01E-07	2.62E-07	2.11E-04	6.65E-08	1.93E-08	2.89E-03	9.12E-07	2.65E-07	2.43E-04	7.67E-08	2.23E-08	2.87E-03	9.06E-07	2.63E-07	1.12E-04	3.53E-08	1.03E-08
1817	495261.06, 3859101.99	2.85E-03	8.99E-07	2.61E-07	2.11E-04	6.66E-08	1.94E-08	2.88E-03	9.10E-07	2.65E-07	2.43E-04	7.68E-08	2.24E-08	2.86E-03	9.04E-07	2.63E-07	1.12E-04	3.54E-08	1.03E-08
1818	495311.06, 3859101.99	2.83E-03	8.94E-07	2.60E-07	2.11E-04	6.66E-08	1.94E-08	2.87E-03	9.05E-07	2.63E-07	2.44E-04	7.69E-08	2.24E-08	2.85E-03	8.98E-07	2.61E-07	1.12E-04	3.54E-08	1.03E-08
1819	495361.06, 3859101.99	2.83E-03	8.93E-07	2.60E-07	2.11E-04	6.66E-08	1.94E-08	2.86E-03	9.04E-07	2.63E-07	2.44E-04	7.69E-08	2.24E-08	2.84E-03	8.97E-07	2.61E-07	1.12E-04	3.54E-08	1.03E-08
1820	495411.06, 3859101.99	2.82E-03	8.89E-07	2.58E-07	2.11E-04	6.66E-08	1.94E-08	2.85E-03	9.00E-07	2.62E-07	2.43E-04	7.68E-08	2.23E-08	2.83E-03	8.93E-07	2.60E-07	1.12E-04	3.54E-08	1.03E-08
1821	495461.06, 3859101.99	2.79E-03	8.81E-07	2.56E-07	2.10E-04	6.64E-08	1.93E-08	2.83E-03	8.92E-07	2.59E-07	2.43E-04	7.66E-08	2.23E-08	2.80E-03	8.85E-07	2.57E-07	1.12E-04	3.53E-08	1.03E-08
1822	495511.06, 3859101.99	2.77E-03	8.75E-07	2.54E-07	2.10E-04	6.61E-08	1.92E-08	2.81E-03	8.86E-07	2.58E-07	2.42E-04	7.64E-08	2.22E-08	2.78E-03	8.79E-07	2.56E-07	1.11E-04	3.51E-08	1.02E-08
1823	495561.06, 3859101.99	2.74E-03	8.64E-07	2.51E-07	2.07E-04	6.54E-08	1.90E-08	2.77E-03	8.75E-07	2.55E-07	2.39E-04	7.55E-08	2.20E-08	2.75E-03	8.68E-07	2.52E-07	1.10E-04	3.47E-08	1.01E-08
1824	495611.06, 3859101.99	2.70E-03	8.53E-07	2.48E-07	2.05E-04	6.48E-08	1.88E-08	2.74E-03	8.64E-07	2.51E-07	2.37E-04	7.48E-08	2.18E-08	2.72E-03	8.57E-07	2.49E-07	1.09E-04	3.44E-08	1.00E-08
1825	495661.06, 3859101.99	2.70E-03	8.51E-07	2.48E-07	2.05E-04	6.48E-08	1.89E-08	2.73E-03	8.62E-07	2.51E-07	2.37E-04	7.49E-08	2.18E-08	2.71E-03	8.54E-07	2.48E-07	1.09E-04	3.44E-08	1.00E-08
1826	494311.06, 3859151.99	3.89E-03	1.23E-06	3.57E-07	2.60E-04	8.20E-08	2.39E-08	3.93E-03	1.24E-06	3.61E-07	3.00E-04	9.47E-08	2.75E-08	3.93E-03	1.24E-06	3.61E-07	1.38E-04	4.35E-08	1.27E-08
1827	494361.06, 3859151.99	3.86E-03	1.22E-06	3.55E-07	2.59E-04	8.17E-08	2.38E-08	3.91E-03	1.23E-06	3.59E-07	2.99E-04	9.44E-08	2.74E-08	3.90E-03	1.23E-06	3.58E-07	1.37E-04	4.34E-08	1.26E-08
1828	494411.06, 3859151.99	3.80E-03	1.20E-06	3.49E-07	2.57E-04	8.10E-08	2.36E-08	3.85E-03	1.21E-06	3.53E-07	2.96E-04	9.35E-08	2.72E-08	3.84E-03	1.21E-06	3.53E-07	1.36E-04	4.30E-08	1.25E-08
1829	494461.06, 3859151.99	3.74E-03	1.18E-06	3.44E-07	2.54E-04	8.02E-08	2.33E-08	3.79E-03	1.19E-06	3.48E-07	2.93E-04	9.26E-08	2.69E-08	3.78E-03	1.19E-06	3.47E-07	1.35E-04	4.26E-08	1.24E-08
1830	494511.06, 3859151.99	3.67E-03	1.16E-06	3.37E-07	2.51E-04	7.92E-08	2.30E-08	3.71E-03	1.17E-06	3.41E-07	2.90E-04	9.14E-08	2.66E-08	3.70E-03	1.17E-06	3.40E-07	1.33E-04	4.20E-08	1.22E-08
1831	494561.06, 3859151.99	3.62E-03	1.14E-06	3.32E-07	2.49E-04	7.85E-08	2.28E-08	3.66E-03	1.16E-06	3.36E-07	2.87E-04	9.07E-08	2.64E-08	3.65E-03	1.15E-06	3.36E-07	1.32E-04	4.17E-08	1.21E-08
1832	494611.06, 3859151.99	3.55E-03	1.12E-06	3.26E-07	2.45E-04	7.74E-08	2.25E-08	3.59E-03	1.13E-06	3.30E-07	2.83E-04	8.94E-08	2.60E-08	3.58E-03	1.13E-06	3.29E-07	1.30E-04	4.11E-08	1.20E-08
1833	494661.06, 3859151.99	3.50E-03	1.10E-06	3.21E-07	2.43E-04	7.67E-08	2.23E-08	3.54E-03	1.12E-06	3.25E-07	2.81E-04	8.86E-08	2.58E-08	3.53E-03	1.11E-06	3.24E-07	1.29E-04	4.07E-08	1.19E-08
1834	494711.06, 3859151.99	3.46E-03	1.09E-06	3.17E-07	2.41E-04	7.61E-08	2.21E-08	3.50E-03	1.10E-06	3.21E-07	2.79E-04	8.79E-08	2.56E-08	3.49E-03	1.10E-06	3.20E-07	1.28E-04	4.04E-08	1.18E-08
1835	494761.06, 3859151.99	3.37E-03	1.06E-06	3.10E-07	2.37E-04	7.48E-08	2.18E-08	3.41E-03	1.08E-06	3.13E-07	2.74E-04	8.64E-08	2.51E-08	3.40E-03	1.07E-06	3.12E-07	1.26E-04	3.97E-08	1.16E-08
1836	494811.06, 3859151.99	3.30E-03	1.04E-06	3.03E-07	2.33E-04	7.37E-08	2.14E-08	3.34E-03	1.06E-06	3.07E-07	2.69E-04	8.51E-08	2.47E-08	3.33E-03	1.05E-06	3.06E-07	1.24E-04	3.91E-08	1.14E-08
1837	494861.06, 3859151.99	3.26E-03	1.03E-06	2.99E-07	2.31E-04	7.29E-08	2.12E-08	3.30E-03	1.04E-06	3.03E-07	2.67E-04	8.42E-08	2.45E-08	3.28E-03	1.04E-06	3.01E-07	1.23E-04	3.87E-08	1.13E-08
1838	494911.06, 3859151.99	3.18E-03	1.00E-06	2.92E-07	2.26E-04	7.15E-08	2.08E-08	3.21E-03	1.01E-06	2.95E-07	2.61E-04	8.25E-08	2.40E-08	3.20E-03	1.01E-06	2.94E-07	1.20E-04	3.80E-08	1.10E-08
1839	494961.06, 3859151.99	3.07E-03	9.68E-07	2.82E-07	2.20E-04	6.95E-08	2.02E-08	3.10E-03	9.80E-07	2.85E-07	2.54E-04	8.03E-08	2.34E-08	3.09E-03	9.75E-07	2.84E-07	1.17E-04	3.69E-08	1.07E-08
1840	495011.06, 3859151.99	2.97E-03	9.37E-07	2.73E-07	2.13E-04	6.73E-08	1.96E-08	3.01E-03	9.49E-07	2.76E-07	2.46E-04	7.77E-08	2.26E-08	2.99E-03	9.44E-07	2.74E-07	1.13E-04	3.58E-08	1.04E-08
1841	495061.06, 3859151.99	2.95E-03	9.32E-07	2.71E-07	2.13E-04	6.72E-08	1.96E-08	2.99E-03	9.44E-07	2.74E-07	2.46E-04	7.76E-08	2.26E-08	2.97E-03	9.39E-07	2.73E-07	1.13E-04	3.57E-08	1.04E-08
1842	495111.06, 3859151.99	2.93E-03	9.25E-07	2.69E-07	2.12E-04	6.69E-08	1.95E-08	2.97E-03	9.36E-07	2.72E-07	2.45E-04	7.73E-08	2.25E-08	2.95E-03	9.31E-07	2.71E-07	1.13E-04	3.56E-08	1.03E-08
1843	495161.06, 3859151.99	2.94E-03	9.29E-07	2.70E-07	2.14E-04	6.75E-08	1.96E-08	2.98E-03	9.40E-07	2.73E-07	2.47E-04	7.79E-08	2.27E-08	2.96E-03	9.34E-07	2.72E-07	1.14E-04	3.58E-08	1.04E-08
1844	495211.06, 3859151.99	2.92E-03	9.22E-07	2.68E-07	2.13E-04	6.72E-08	1.96E-08	2.96E-03	9.33E-07	2.72E-07	2.46E-04	7.76E-08	2.26E-08	2.94E-03	9.28E-07	2.70E-07	1.13E-04	3.57E-08	1.04E-08

1845	495261.06, 3859151.99	2.90E-03	9.16E-07	2.66E-07	2.12E-04	6.70E-08	1.95E-08	2.94E-03	9.27E-07	2.70E-07	2.45E-04	7.74E-08	2.25E-08	2.92E-03	9.22E-07	2.68E-07	1.13E-04	3.56E-08	1.04E-08
1846	495311.06, 3859151.99	2.89E-03	9.11E-07	2.65E-07	2.12E-04	6.69E-08	1.95E-08	2.92E-03	9.23E-07	2.68E-07	2.45E-04	7.73E-08	2.25E-08	2.90E-03	9.17E-07	2.67E-07	1.13E-04	3.56E-08	1.03E-08
1847	495361.06, 3859151.99	2.87E-03	9.06E-07	2.63E-07	2.12E-04	6.68E-08	1.94E-08	2.91E-03	9.17E-07	2.67E-07	2.44E-04	7.71E-08	2.24E-08	2.89E-03	9.11E-07	2.65E-07	1.12E-04	3.55E-08	1.03E-08
1848	495411.06, 3859151.99	2.88E-03	9.08E-07	2.64E-07	2.13E-04	6.72E-08	1.95E-08	2.91E-03	9.20E-07	2.68E-07	2.46E-04	7.76E-08	2.26E-08	2.89E-03	9.13E-07	2.66E-07	1.13E-04	3.57E-08	1.04E-08
1849	495461.06, 3859151.99	2.86E-03	9.04E-07	2.63E-07	2.12E-04	6.71E-08	1.95E-08	2.90E-03	9.15E-07	2.66E-07	2.45E-04	7.74E-08	2.25E-08	2.88E-03	9.08E-07	2.64E-07	1.13E-04	3.56E-08	1.04E-08
1850	495511.06, 3859151.99	2.82E-03	8.91E-07	2.59E-07	2.10E-04	6.64E-08	1.93E-08	2.86E-03	9.02E-07	2.62E-07	2.43E-04	7.67E-08	2.23E-08	2.84E-03	8.96E-07	2.61E-07	1.12E-04	3.53E-08	1.03E-08
1851	495561.06, 3859151.99	2.80E-03	8.82E-07	2.57E-07	2.09E-04	6.60E-08	1.92E-08	2.83E-03	8.93E-07	2.60E-07	2.41E-04	7.62E-08	2.21E-08	2.81E-03	8.87E-07	2.58E-07	1.11E-04	3.50E-08	1.02E-08
1852	495611.06, 3859151.99	2.77E-03	8.74E-07	2.54E-07	2.08E-04	6.56E-08	1.91E-08	2.81E-03	8.85E-07	2.58E-07	2.40E-04	7.57E-08	2.20E-08	2.78E-03	8.79E-07	2.56E-07	1.10E-04	3.48E-08	1.01E-08
1853	495661.06, 3859151.99	2.75E-03	8.67E-07	2.52E-07	2.07E-04	6.53E-08	1.90E-08	2.78E-03	8.78E-07	2.56E-07	2.39E-04	7.54E-08	2.19E-08	2.76E-03	8.71E-07	2.53E-07	1.10E-04	3.47E-08	1.01E-08
1854	494311.06, 3859201.99	3.97E-03	1.25E-06	3.64E-07	2.59E-04	8.18E-08	2.38E-08	4.01E-03	1.27E-06	3.68E-07	2.99E-04	9.45E-08	2.75E-08	4.02E-03	1.27E-06	3.69E-07	1.38E-04	4.34E-08	1.26E-08
1855	494361.06, 3859201.99	3.93E-03	1.24E-06	3.61E-07	2.58E-04	8.14E-08	2.37E-08	3.97E-03	1.25E-06	3.65E-07	2.98E-04	9.40E-08	2.73E-08	3.97E-03	1.25E-06	3.65E-07	1.37E-04	4.32E-08	1.26E-08
1856	494411.06, 3859201.99	3.88E-03	1.22E-06	3.56E-07	2.56E-04	8.08E-08	2.35E-08	3.92E-03	1.24E-06	3.60E-07	2.96E-04	9.33E-08	2.71E-08	3.92E-03	1.24E-06	3.60E-07	1.36E-04	4.29E-08	1.25E-08
1857	494461.06, 3859201.99	3.80E-03	1.20E-06	3.49E-07	2.53E-04	7.99E-08	2.32E-08	3.85E-03	1.21E-06	3.53E-07	2.92E-04	9.22E-08	2.68E-08	3.84E-03	1.21E-06	3.53E-07	1.34E-04	4.24E-08	1.23E-08
1858	494511.06, 3859201.99	3.75E-03	1.18E-06	3.44E-07	2.51E-04	7.93E-08	2.31E-08	3.79E-03	1.20E-06	3.48E-07	2.90E-04	9.15E-08	2.66E-08	3.79E-03	1.20E-06	3.48E-07	1.33E-04	4.21E-08	1.22E-08
1859	494561.06, 3859201.99	3.67E-03	1.16E-06	3.37E-07	2.48E-04	7.82E-08	2.28E-08	3.71E-03	1.17E-06	3.41E-07	2.86E-04	9.03E-08	2.63E-08	3.71E-03	1.17E-06	3.41E-07	1.32E-04	4.15E-08	1.21E-08
1860	494611.06, 3859201.99	3.61E-03	1.14E-06	3.31E-07	2.45E-04	7.74E-08	2.25E-08	3.65E-03	1.15E-06	3.35E-07	2.83E-04	8.94E-08	2.60E-08	3.64E-03	1.15E-06	3.35E-07	1.30E-04	4.11E-08	1.19E-08
1861	494661.06, 3859201.99	3.56E-03	1.12E-06	3.27E-07	2.43E-04	7.67E-08	2.23E-08	3.60E-03	1.14E-06	3.30E-07	2.81E-04	8.86E-08	2.58E-08	3.59E-03	1.13E-06	3.30E-07	1.29E-04	4.07E-08	1.18E-08
1862	494711.06, 3859201.99	3.51E-03	1.11E-06	3.22E-07	2.41E-04	7.60E-08	2.21E-08	3.55E-03	1.12E-06	3.26E-07	2.78E-04	8.78E-08	2.55E-08	3.54E-03	1.12E-06	3.25E-07	1.28E-04	4.03E-08	1.17E-08
1863	494761.06, 3859201.99	3.43E-03	1.08E-06	3.15E-07	2.37E-04	7.48E-08	2.18E-08	3.47E-03	1.09E-06	3.19E-07	2.74E-04	8.64E-08	2.51E-08	3.46E-03	1.09E-06	3.18E-07	1.26E-04	3.97E-08	1.16E-08
1864	494811.06, 3859201.99	3.36E-03	1.06E-06	3.09E-07	2.34E-04	7.38E-08	2.15E-08	3.40E-03	1.07E-06	3.12E-07	2.70E-04	8.52E-08	2.48E-08	3.39E-03	1.07E-06	3.11E-07	1.24E-04	3.92E-08	1.14E-08
1865	494861.06, 3859201.99	3.29E-03	1.04E-06	3.02E-07	2.30E-04	7.27E-08	2.12E-08	3.32E-03	1.05E-06	3.05E-07	2.66E-04	8.40E-08	2.44E-08	3.31E-03	1.05E-06	3.04E-07	1.22E-04	3.86E-08	1.12E-08
1866	494911.06, 3859201.99	3.20E-03	1.01E-06	2.94E-07	2.25E-04	7.10E-08	2.07E-08	3.24E-03	1.02E-06	2.97E-07	2.60E-04	8.20E-08	2.39E-08	3.22E-03	1.02E-06	2.96E-07	1.20E-04	3.77E-08	1.10E-08
1867	494961.06, 3859201.99	3.11E-03	9.80E-07	2.85E-07	2.20E-04	6.93E-08	2.02E-08	3.14E-03	9.92E-07	2.88E-07	2.54E-04	8.00E-08	2.33E-08	3.13E-03	9.88E-07	2.87E-07	1.17E-04	3.68E-08	1.07E-08
1868	495011.06, 3859201.99	2.98E-03	9.42E-07	2.74E-07	2.12E-04	6.69E-08	1.95E-08	3.02E-03	9.53E-07	2.77E-07	2.45E-04	7.73E-08	2.25E-08	3.01E-03	9.49E-07	2.76E-07	1.13E-04	3.55E-08	1.03E-08
1869	495061.06, 3859201.99	3.02E-03	9.52E-07	2.77E-07	2.15E-04	6.79E-08	1.97E-08	3.05E-03	9.64E-07	2.80E-07	2.48E-04	7.84E-08	2.28E-08	3.04E-03	9.59E-07	2.79E-07	1.14E-04	3.60E-08	1.05E-08
1870	495111.06, 3859201.99	3.01E-03	9.49E-07	2.76E-07	2.15E-04	6.79E-08	1.98E-08	3.04E-03	9.61E-07	2.79E-07	2.48E-04	7.84E-08	2.28E-08	3.03E-03	9.56E-07	2.78E-07	1.14E-04	3.61E-08	1.05E-08
1871	495161.06, 3859201.99	2.99E-03	9.45E-07	2.75E-07	2.15E-04	6.78E-08	1.97E-08	3.03E-03	9.56E-07	2.78E-07	2.48E-04	7.83E-08	2.28E-08	3.01E-03	9.51E-07	2.77E-07	1.14E-04	3.60E-08	1.05E-08
1872	495211.06, 3859201.99	2.96E-03	9.35E-07	2.72E-07	2.13E-04	6.74E-08	1.96E-08	3.00E-03	9.47E-07	2.75E-07	2.46E-04	7.78E-08	2.26E-08	2.98E-03	9.42E-07	2.74E-07	1.13E-04	3.58E-08	1.04E-08
1873	495261.06, 3859201.99	2.96E-03	9.33E-07	2.71E-07	2.14E-04	6.74E-08	1.96E-08	2.99E-03	9.44E-07	2.75E-07	2.47E-04	7.79E-08	2.26E-08	2.98E-03	9.39E-07	2.73E-07	1.13E-04	3.58E-08	1.04E-08
1874	495311.06, 3859201.99	2.94E-03	9.28E-07	2.70E-07	2.13E-04	6.73E-08	1.96E-08	2.98E-03	9.40E-07	2.73E-07	2.46E-04	7.77E-08	2.26E-08	2.96E-03	9.34E-07	2.72E-07	1.13E-04	3.57E-08	1.04E-08
1875	495361.06, 3859201.99	2.93E-03	9.25E-07	2.69E-07	2.13E-04	6.73E-08	1.96E-08	2.97E-03	9.36E-07	2.72E-07	2.46E-04	7.77E-08	2.26E-08	2.95E-03	9.30E-07	2.71E-07	1.13E-04	3.57E-08	1.04E-08
1876	495411.06, 3859201.99	2.93E-03	9.26E-07	2.69E-07	2.14E-04	6.76E-08	1.97E-08	2.97E-03	9.38E-07	2.73E-07	2.47E-04	7.80E-08	2.27E-08	2.95E-03	9.32E-07	2.71E-07	1.14E-04	3.59E-08	1.04E-08
1877	495461.06, 3859201.99	2.91E-03	9.19E-07	2.67E-07	2.13E-04	6.73E-08	1.96E-08	2.95E-03	9.30E-07	2.71E-07	2.46E-04	7.77E-08	2.26E-08	2.93E-03	9.25E-07	2.69E-07	1.13E-04	3.57E-08	1.04E-08
1878	495511.06, 3859201.99	2.89E-03	9.12E-07	2.65E-07	2.12E-04	6.70E-08	1.95E-08	2.93E-03	9.23E-07	2.69E-07	2.45E-04	7.74E-08	2.25E-08	2.91E-03	9.17E-07	2.67E-07	1.13E-04	3.56E-08	1.04E-08
1879	495561.06, 3859201.99	2.85E-03	8.99E-07	2.61E-07	2.10E-04	6.63E-08	1.93E-08	2.88E-03	9.10E-07	2.65E-07	2.43E-04	7.66E-08	2.23E-08	2.86E-03	9.04E-07	2.63E-07	1.12E-04	3.52E-08	1.02E-08
1880	495611.06, 3859201.99	2.82E-03	8.89E-07	2.59E-07	2.09E-04	6.59E-08	1.92E-08	2.85E-03	9.00E-07	2.62E-07	2.41E-04	7.60E-08	2.21E-08	2.83E-03	8.94E-07	2.60E-07	1.11E-04	3.50E-08	1.02E-08
1881	495661.06, 3859201.99	2.80E-03	8.82E-07	2.57E-07	2.08E-04	6.56E-08	1.91E-08	2.83E-03	8.93E-07	2.60E-07	2.40E-04	7.57E-08	2.20E-08	2.81E-03	8.87E-07	2.58E-07	1.10E-04	3.48E-08	1.01E-08
1882	494311.06, 3859251.99	4.05E-03	1.28E-06	3.72E-07	2.58E-04	8.15E-08	2.37E-08	4.09E-03	1.29E-06	3.76E-07	2.98E-04	9.41E-08	2.74E-08	4.10E-03	1.29E-06	3.77E-07	1.37E-04	4.32E-08	1.26E-08
1883	494361.06, 3859251.99	3.99E-03	1.26E-06	3.66E-07	2.56E-04	8.09E-08	2.35E-08	4.04E-03	1.27E-06	3.70E-07	2.96E-04	9.34E-08	2.72E-08	4.04E-03	1.28E-06	3.71E-07	1.36E-04	4.29E-08	1.25E-08
1884	494411.06, 3859251.99	3.92E-03	1.24E-06	3.59E-07	2.54E-04	8.01E-08	2.33E-08	3.96E-03	1.25E-06	3.63E-07	2.93E-04	9.25E-08	2.69E-08	3.96E-03	1.25E-06	3.64E-07	1.35E-04	4.25E-08	1.24E-08
1885	494461.06, 3859251.99	3.86E-03	1.22E-06	3.55E-07	2.52E-04	7.95E-08	2.31E-08	3.90E-03	1.23E-06	3.58E-07	2.91E-04	9.18E-08	2.67E-08	3.91E-03	1.23E-06	3.59E-07	1.34E-04	4.22E-08	1.23E-08
1886	494511.06, 3859251.99	3.78E-03	1.19E-06	3.47E-07	2.49E-04	7.86E-08	2.29E-08	3.82E-03	1.21E-06	3.51E-07	2.87E-04	9.07E-08	2.64E-08	3.82E-03	1.21E-06	3.51E-07	1.32E-04	4.17E-08	1.21E-08
1887	494561.06, 3859251.99	3.73E-03	1.18E-06	3.42E-07	2.47E-04	7.79E-08	2.27E-08	3.77E-03	1.19E-06	3.46E-07	2.85E-04	9.00E-08	2.62E-08	3.77E-03	1.19E-06	3.46E-07	1.31E-04	4.13E-08	1.20E-08
1888	494611.06, 3859251.99	3.66E-03	1.15E-06	3.36E-07	2.44E-04	7.71E-08	2.24E-08	3.70E-03	1.17E-06	3.39E-07	2.82E-04	8.90E-08	2.59E-08	3.70E-03	1.17E-06	3.39E-07	1.30E-04	4.09E-08	1.19E-08
1889	494661.06, 3859251.99	3.62E-03	1.14E-06	3.32E-07	2.43E-04	7.66E-08	2.23E-08	3.66E-03	1.15E-06	3.36E-07	2.80E-04	8.84E-08	2.57E-08	3.65E-03	1.15E-06	3.35E-07	1.29E-04	4.06E-08	1.18E-08
1890	494711.06, 3859251.99	3.56E-03	1.12E-06	3.27E-07	2.40E-04	7.59E-08	2.21E-08	3.60E-03	1.14E-06	3.31E-07	2.78E-04	8.76E-08	2.55E-08	3.60E-03	1.14E-06	3.31E-07	1.28E-04	4.03E-08	1.17E-08
1891	494761.06, 3859251.99	3.44E-03	1.09E-06	3.16E-07	2.35E-04	7.42E-08	2.16E-08	3.48E-03	1.10E-06	3.19E-07	2.72E-04	8.57E-08	2.49E-08	3.47E-03	1.10E-06	3.19E-07	1.25E-04	3.94E-08	1.15E-08
1892	494811.06, 3859251.99	3.42E-03	1.08E-06	3.14E-07	2.34E-04	7.39E-08	2.15E-08	3.46E-03	1.09E-06	3.18E-07	2.70E-04	8.53E-08	2.48E-08	3.45E-03	1.09E-06	3.17E-07	1.24E-04	3.92E-08	1.14E-08
1893	494861.06, 3859251.99	3.31E-03	1.05E-06	3.04E-07	2.29E-04	7.23E-08	2.10E-08	3.35E-03	1.06E-06	3.08E-07	2.65E-04	8.35E-08	2.43E-08	3.34E-03	1.05E-06	3.07E-07	1.22E-04	3.84E-08	1.12E-08
1894	494911.06, 3859251.99	3.22E-03	1.02E-06	2.96E-07	2.24E-04	7.06E-08	2.05E-08	3.26E-03	1.03E-06	2.99E-07	2.58E-04	8.16E-08	2.37E-08	3.25E-03	1.03E-06	2.98E-07	1.19E-04	3.75E-08	1.09E-08
1895	494961.06, 3859251.99	3.17E-03	1.00E-06	2.91E-07	2.21E-04	6.98E-08	2.03E-08	3.21E-03	1.01E-06	2.94E-07	2.55E-04	8.06E-08	2.35E-08	3.20E-03	1.01E-06	2.93E-07	1.17E-04	3.71E-08	1.08E-08
1896	495011.06, 3859251.99	3.11E-03	9.82E-07	2.86E-07	2.18E-04	6.88E-08	2.00E-08	3.15E-03	9.93E-07	2.89E-07	2.52E-04	7.95E-08	2.31E-08	3.14E-03	9.90E-07	2.88E-07	1.16E-04	3.65E-08	1.06E-08
1897	495061.06, 3859251.99	3.11E-03	9.80E-07	2.85E-07	2.18E-04	6.89E-08	2.00E-08	3.14E-03	9.92E-07	2.88E-07	2.52E-04	7.96E-08	2.31E-08	3.13E-03	9.88E-07	2.87E-07	1.16E-04	3.66E-08	1.06E-08
1898	495111.06, 3859251.99	3.08E-03	9.72E-07	2.83E-07	2.17E-04	6.85E-08	1.99E-08	3.11E-03	9.83E-07	2.86E-07	2.51E-04	7.91E-08	2.30E-08	3.10E-03	9.79E-07	2.85E-07	1.15E-04	3.64E-08	1.06E-08
1899	495161.06, 3859251.99	3.06E-03	9.66E-07	2.81E-07	2.17E-04	6.84E-08	1.99E-08	3.10E-03	9.78E-07	2.84E-07	2.50E-04	7.90E-08	2.30E-08	3.09E-03	9.74E-07	2.83E-07	1.15E-04	3.63E-08	1.06E-08
1900	495211.06, 3859251.99	3.03E-03	9.57E-07	2.78E-07	2.15E-04	6.80E-08	1.98E-08	3.07E-03	9.68E-07	2.82E-07	2.49E-04	7.85E-08	2.28E-08	3.05E-03	9.64E-07	2.80E-07	1.14E-04	3.61E-08	1.05E-08
1901	495261.06, 3859251.99	3.02E-03	9.52E-07	2.77E-07	2.16E-04	6.80E-08	1.98E-08	3.05E-03	9.63E-07	2.80E-07	2.49E-04	7.85E-08	2.28E-08	3.04E-03	9.59E-07	2.79E-07	1.14E-04	3.61E-08	1.05E-08
1902	495311.06, 3859251.99	3.01E-03	9.50E-07	2.76E-07	2.15E-04	6.79E-08	1.98E-08	3.05E-03	9.61E-07	2.80E-07	2.48E-04	7.84E-08	2.28E-08	3.03E-03	9.57E-07	2.78E-07	1.14E-04	3.61E-08	1.05E-08
1903	495361.06, 3859251.99	2.99E-03	9.44E-07	2.75E-07	2.15E-04	6.77E-08	1.97E-08	3.03E-03	9.55E-07	2.78E-07	2.48E-04	7.82E-08	2.27E-08	3.01E-03	9.51E-07	2.76E-07	1.14E-04	3.59E-08	1.05E-08
1904	495411.06, 3859251.99	2.99E-03	9.44E-07	2.74E-07	2.15E-04	6.79E-08	1.97E-08	3.03E-03	9.55E-07	2.78E-07	2.48E-04	7.84E-08	2.28E-08	3.01E-03	9.50E-07	2.76E-07	1.14E-04	3.60E-08	1.05E-08
1905	495461.06, 3859251.99	2.97E-03	9.37E-07	2.73E-07	2.14E-04	6.76E-08	1.97E-08	3.00E-03	9.48E-07	2.76E-07	2.47E-04	7.81E-08	2.27E-08	2.99E-03	9.43E-07	2.74E-07	1.14E-04	3.59E-08	1.04E-08
1906	495511.06, 3859251.99	2.93E-03	9.23E-07	2.69E-07	2.12E-04	6.69E-08	1.95E-08	2.96E-03	9.35E-07	2.72E-07	2.45E-04	7.73E-08	2.25E-08	2.94E-03	9.29E-07	2.70E-07	1.13E-04	3.55E-08	1.03E-08
1907	495561.06, 3859251.99	2.90E-03	9.15E-07	2.66E-07	2.11E-04	6.66E-08	1.94E-08	2.93E-03	9.26E-07	2.69E-07	2.44E-04	7.69E-08	2.24E-08	2.92E-03	9.21E-07	2.68E-07	1.12E-04	3.53E-08	1.03E-08
1908	495611.06, 3859251.99	2.86E-03	9.03E-07	2.63E-07	2.09E-04	6.60E-08	1.92E-08	2.90E-03	9.14E-07	2.66E-07	2.41E-04	7.62E-08	2.22E-08	2.88E-03	9.09E-07	2.64E-07	1.11E-04	3.50E-08	1.02E-08
1909	495661.06, 3859251.99	2.84E-03	8.95E-07	2.60E-07	2.08E-04	6.56E-08	1.91E-08	2.87E-03	9.06E-07	2.64E-07	2.40E-04	7.58E-08	2.20E-08	2.85E-03	9.00E-07	2.62E-07	1.10E-04	3.48E-08	1.01E-08
1910	494311.06, 3859301.99	4.12E-03	1.30E-06	3.79E-07	2.56E-04	8.09E-08	2.35E-08	4.17E-03	1.32E-06	3.83E-07	2.96E-04	9.35E-08	2.72E-08	4.18E-03	1.32E-06	3.84E-07	1.36E-04	4.29E-08	1.25E-08

1911	494361.06, 3859301.99	4.06E-03	1.28E-06	3.73E-07	2.55E-04	8.04E-08	2.34E-08	4.10E-03	1.30E-06	3.77E-07	2.94E-04	9.28E-08	2.70E-08	4.12E-03	1.30E-06	3.78E-07	1.35E-04	4.26E-08	1.24E-08
1912	494411.06, 3859301.99	3.98E-03	1.26E-06	3.66E-07	2.52E-04	7.96E-08	2.32E-08	4.03E-03	1.27E-06	3.70E-07	2.91E-04	9.20E-08	2.67E-08	4.03E-03	1.27E-06	3.70E-07	1.34E-04	4.22E-08	1.23E-08
1913	494461.06, 3859301.99	3.91E-03	1.23E-06	3.59E-07	2.50E-04	7.89E-08	2.29E-08	3.95E-03	1.25E-06	3.62E-07	2.89E-04	9.11E-08	2.65E-08	3.96E-03	1.25E-06	3.63E-07	1.32E-04	4.18E-08	1.22E-08
1914	494511.06, 3859301.99	3.84E-03	1.21E-06	3.52E-07	2.48E-04	7.81E-08	2.27E-08	3.88E-03	1.22E-06	3.56E-07	2.86E-04	9.02E-08	2.62E-08	3.89E-03	1.23E-06	3.57E-07	1.31E-04	4.14E-08	1.21E-08
1915	494561.06, 3859301.99	3.78E-03	1.19E-06	3.47E-07	2.46E-04	7.76E-08	2.26E-08	3.82E-03	1.21E-06	3.51E-07	2.84E-04	8.96E-08	2.61E-08	3.83E-03	1.21E-06	3.51E-07	1.30E-04	4.11E-08	1.20E-08
1916	494611.06, 3859301.99	3.72E-03	1.18E-06	3.42E-07	2.44E-04	7.69E-08	2.24E-08	3.76E-03	1.19E-06	3.46E-07	2.81E-04	8.88E-08	2.58E-08	3.77E-03	1.19E-06	3.46E-07	1.29E-04	4.08E-08	1.19E-08
1917	494661.06, 3859301.99	3.67E-03	1.16E-06	3.37E-07	2.41E-04	7.62E-08	2.22E-08	3.71E-03	1.17E-06	3.40E-07	2.79E-04	8.80E-08	2.56E-08	3.71E-03	1.17E-06	3.40E-07	1.28E-04	4.04E-08	1.18E-08
1918	494711.06, 3859301.99	3.60E-03	1.14E-06	3.30E-07	2.39E-04	7.54E-08	2.19E-08	3.64E-03	1.15E-06	3.34E-07	2.76E-04	8.71E-08	2.53E-08	3.64E-03	1.15E-06	3.34E-07	1.27E-04	4.00E-08	1.16E-08
1919	494761.06, 3859301.99	3.54E-03	1.12E-06	3.25E-07	2.36E-04	7.46E-08	2.17E-08	3.58E-03	1.13E-06	3.28E-07	2.73E-04	8.62E-08	2.51E-08	3.58E-03	1.13E-06	3.28E-07	1.25E-04	3.96E-08	1.15E-08
1920	494811.06, 3859301.99	3.46E-03	1.09E-06	3.17E-07	2.33E-04	7.35E-08	2.14E-08	3.49E-03	1.10E-06	3.21E-07	2.69E-04	8.49E-08	2.47E-08	3.49E-03	1.10E-06	3.20E-07	1.24E-04	3.90E-08	1.13E-08
1921	494861.06, 3859301.99	3.35E-03	1.06E-06	3.07E-07	2.28E-04	7.19E-08	2.09E-08	3.38E-03	1.07E-06	3.11E-07	2.63E-04	8.30E-08	2.41E-08	3.38E-03	1.07E-06	3.10E-07	1.21E-04	3.81E-08	1.11E-08
1922	494911.06, 3859301.99	3.29E-03	1.04E-06	3.02E-07	2.25E-04	7.10E-08	2.07E-08	3.33E-03	1.05E-06	3.05E-07	2.60E-04	8.20E-08	2.39E-08	3.32E-03	1.05E-06	3.05E-07	1.19E-04	3.77E-08	1.10E-08
1923	494961.06, 3859301.99	3.18E-03	1.00E-06	2.92E-07	2.20E-04	6.93E-08	2.02E-08	3.22E-03	1.02E-06	2.95E-07	2.54E-04	8.01E-08	2.33E-08	3.21E-03	1.01E-06	2.95E-07	1.17E-04	3.68E-08	1.07E-08
1924	495011.06, 3859301.99	3.14E-03	9.90E-07	2.88E-07	2.18E-04	6.87E-08	2.00E-08	3.17E-03	1.00E-06	2.91E-07	2.51E-04	7.93E-08	2.31E-08	3.16E-03	9.99E-07	2.91E-07	1.16E-04	3.65E-08	1.06E-08
1925	495061.06, 3859301.99	3.17E-03	1.00E-06	2.91E-07	2.20E-04	6.96E-08	2.02E-08	3.21E-03	1.01E-06	2.95E-07	2.55E-04	8.03E-08	2.34E-08	3.20E-03	1.01E-06	2.94E-07	1.17E-04	3.69E-08	1.07E-08
1926	495111.06, 3859301.99	3.11E-03	9.83E-07	2.86E-07	2.17E-04	6.86E-08	2.00E-08	3.15E-03	9.94E-07	2.89E-07	2.51E-04	7.92E-08	2.30E-08	3.14E-03	9.91E-07	2.88E-07	1.15E-04	3.64E-08	1.06E-08
1927	495161.06, 3859301.99	3.10E-03	9.78E-07	2.85E-07	2.17E-04	6.84E-08	1.99E-08	3.14E-03	9.90E-07	2.88E-07	2.50E-04	7.90E-08	2.30E-08	3.13E-03	9.87E-07	2.87E-07	1.15E-04	3.63E-08	1.06E-08
1928	495211.06, 3859301.99	3.10E-03	9.80E-07	2.85E-07	2.17E-04	6.86E-08	2.00E-08	3.14E-03	9.91E-07	2.88E-07	2.51E-04	7.92E-08	2.30E-08	3.13E-03	9.88E-07	2.87E-07	1.15E-04	3.64E-08	1.06E-08
1929	495261.06, 3859301.99	3.09E-03	9.77E-07	2.84E-07	2.17E-04	6.86E-08	1.99E-08	3.13E-03	9.88E-07	2.87E-07	2.51E-04	7.92E-08	2.30E-08	3.12E-03	9.85E-07	2.86E-07	1.15E-04	3.64E-08	1.06E-08
1930	495311.06, 3859301.99	3.05E-03	9.64E-07	2.80E-07	2.15E-04	6.80E-08	1.98E-08	3.09E-03	9.75E-07	2.84E-07	2.49E-04	7.85E-08	2.28E-08	3.08E-03	9.71E-07	2.83E-07	1.14E-04	3.61E-08	1.05E-08
1931	495361.06, 3859301.99	3.05E-03	9.62E-07	2.80E-07	2.16E-04	6.80E-08	1.98E-08	3.08E-03	9.74E-07	2.83E-07	2.49E-04	7.86E-08	2.29E-08	3.07E-03	9.70E-07	2.82E-07	1.14E-04	3.61E-08	1.05E-08
1932	495411.06, 3859301.99	3.03E-03	9.57E-07	2.78E-07	2.15E-04	6.79E-08	1.97E-08	3.07E-03	9.68E-07	2.82E-07	2.48E-04	7.84E-08	2.28E-08	3.06E-03	9.64E-07	2.81E-07	1.14E-04	3.60E-08	1.05E-08
1933	495461.06, 3859301.99	3.02E-03	9.53E-07	2.77E-07	2.15E-04	6.78E-08	1.97E-08	3.06E-03	9.64E-07	2.81E-07	2.48E-04	7.83E-08	2.28E-08	3.04E-03	9.60E-07	2.79E-07	1.14E-04	3.60E-08	1.05E-08
1934	495511.06, 3859301.99	2.98E-03	9.42E-07	2.74E-07	2.13E-04	6.73E-08	1.96E-08	3.02E-03	9.53E-07	2.77E-07	2.46E-04	7.77E-08	2.26E-08	3.01E-03	9.49E-07	2.76E-07	1.13E-04	3.57E-08	1.04E-08
1935	495561.06, 3859301.99	2.93E-03	9.24E-07	2.69E-07	2.10E-04	6.64E-08	1.93E-08	2.96E-03	9.36E-07	2.72E-07	2.43E-04	7.67E-08	2.23E-08	2.95E-03	9.31E-07	2.71E-07	1.12E-04	3.52E-08	1.02E-08
1936	495611.06, 3859301.99	2.90E-03	9.16E-07	2.66E-07	2.09E-04	6.61E-08	1.92E-08	2.94E-03	9.27E-07	2.70E-07	2.42E-04	7.63E-08	2.22E-08	2.92E-03	9.22E-07	2.68E-07	1.11E-04	3.50E-08	1.02E-08
1937	495661.06, 3859301.99	2.88E-03	9.08E-07	2.64E-07	2.08E-04	6.57E-08	1.91E-08	2.91E-03	9.19E-07	2.67E-07	2.40E-04	7.59E-08	2.21E-08	2.90E-03	9.14E-07	2.66E-07	1.10E-04	3.49E-08	1.01E-08
1938	494311.06, 3859351.99	4.18E-03	1.32E-06	3.83E-07	2.54E-04	8.01E-08	2.33E-08	4.22E-03	1.33E-06	3.87E-07	2.93E-04	9.25E-08	2.69E-08	4.24E-03	1.34E-06	3.89E-07	1.34E-04	4.24E-08	1.23E-08
1939	494361.06, 3859351.99	4.11E-03	1.30E-06	3.78E-07	2.52E-04	7.96E-08	2.31E-08	4.16E-03	1.31E-06	3.81E-07	2.91E-04	9.19E-08	2.67E-08	4.17E-03	1.32E-06	3.83E-07	1.34E-04	4.22E-08	1.23E-08
1940	494411.06, 3859351.99	4.03E-03	1.27E-06	3.70E-07	2.50E-04	7.88E-08	2.29E-08	4.07E-03	1.28E-06	3.74E-07	2.88E-04	9.11E-08	2.65E-08	4.08E-03	1.29E-06	3.75E-07	1.32E-04	4.18E-08	1.22E-08
1941	494461.06, 3859351.99	3.95E-03	1.25E-06	3.63E-07	2.48E-04	7.82E-08	2.27E-08	3.99E-03	1.26E-06	3.67E-07	2.86E-04	9.03E-08	2.63E-08	4.01E-03	1.26E-06	3.68E-07	1.31E-04	4.14E-08	1.21E-08
1942	494511.06, 3859351.99	3.89E-03	1.23E-06	3.57E-07	2.46E-04	7.76E-08	2.26E-08	3.93E-03	1.24E-06	3.61E-07	2.84E-04	8.96E-08	2.61E-08	3.94E-03	1.24E-06	3.62E-07	1.30E-04	4.11E-08	1.20E-08
1943	494561.06, 3859351.99	3.84E-03	1.21E-06	3.52E-07	2.44E-04	7.71E-08	2.24E-08	3.88E-03	1.22E-06	3.56E-07	2.82E-04	8.90E-08	2.59E-08	3.89E-03	1.23E-06	3.57E-07	1.29E-04	4.09E-08	1.19E-08
1944	494611.06, 3859351.99	3.78E-03	1.19E-06	3.47E-07	2.42E-04	7.65E-08	2.22E-08	3.82E-03	1.21E-06	3.51E-07	2.80E-04	8.83E-08	2.57E-08	3.83E-03	1.21E-06	3.51E-07	1.28E-04	4.06E-08	1.18E-08
1945	494661.06, 3859351.99	3.72E-03	1.17E-06	3.42E-07	2.40E-04	7.59E-08	2.21E-08	3.76E-03	1.19E-06	3.45E-07	2.78E-04	8.76E-08	2.55E-08	3.77E-03	1.19E-06	3.46E-07	1.27E-04	4.02E-08	1.17E-08
1946	494711.06, 3859351.99	3.65E-03	1.15E-06	3.35E-07	2.38E-04	7.50E-08	2.18E-08	3.69E-03	1.16E-06	3.39E-07	2.75E-04	8.66E-08	2.52E-08	3.69E-03	1.16E-06	3.39E-07	1.26E-04	3.98E-08	1.16E-08
1947	494761.06, 3859351.99	3.55E-03	1.12E-06	3.26E-07	2.35E-04	7.40E-08	2.15E-08	3.59E-03	1.13E-06	3.30E-07	2.71E-04	8.55E-08	2.49E-08	3.59E-03	1.13E-06	3.30E-07	1.24E-04	3.93E-08	1.14E-08
1948	494811.06, 3859351.99	3.44E-03	1.09E-06	3.16E-07	2.29E-04	7.24E-08	2.11E-08	3.48E-03	1.10E-06	3.19E-07	2.65E-04	8.36E-08	2.43E-08	3.48E-03	1.10E-06	3.19E-07	1.22E-04	3.84E-08	1.12E-08
1949	494861.06, 3859351.99	3.39E-03	1.07E-06	3.11E-07	2.27E-04	7.17E-08	2.09E-08	3.43E-03	1.08E-06	3.15E-07	2.62E-04	8.28E-08	2.41E-08	3.42E-03	1.08E-06	3.14E-07	1.21E-04	3.81E-08	1.11E-08
1950	494911.06, 3859351.99	3.35E-03	1.06E-06	3.08E-07	2.26E-04	7.13E-08	2.07E-08	3.39E-03	1.07E-06	3.11E-07	2.61E-04	8.23E-08	2.39E-08	3.39E-03	1.07E-06	3.11E-07	1.20E-04	3.78E-08	1.10E-08
1951	494961.06, 3859351.99	3.30E-03	1.04E-06	3.03E-07	2.24E-04	7.05E-08	2.05E-08	3.34E-03	1.05E-06	3.06E-07	2.58E-04	8.15E-08	2.37E-08	3.33E-03	1.05E-06	3.06E-07	1.19E-04	3.74E-08	1.09E-08
1952	495011.06, 3859351.99	3.26E-03	1.03E-06	2.99E-07	2.22E-04	7.00E-08	2.04E-08	3.30E-03	1.04E-06	3.03E-07	2.56E-04	8.08E-08	2.35E-08	3.29E-03	1.04E-06	3.02E-07	1.18E-04	3.71E-08	1.08E-08
1953	495061.06, 3859351.99	3.27E-03	1.03E-06	3.00E-07	2.23E-04	7.03E-08	2.04E-08	3.31E-03	1.04E-06	3.04E-07	2.57E-04	8.12E-08	2.36E-08	3.30E-03	1.04E-06	3.03E-07	1.18E-04	3.73E-08	1.08E-08
1954	495111.06, 3859351.99	3.23E-03	1.02E-06	2.96E-07	2.21E-04	6.97E-08	2.03E-08	3.26E-03	1.03E-06	3.00E-07	2.55E-04	8.05E-08	2.34E-08	3.26E-03	1.03E-06	2.99E-07	1.17E-04	3.70E-08	1.08E-08
1955	495161.06, 3859351.99	3.20E-03	1.01E-06	2.94E-07	2.20E-04	6.94E-08	2.02E-08	3.24E-03	1.02E-06	2.97E-07	2.54E-04	8.01E-08	2.33E-08	3.23E-03	1.02E-06	2.97E-07	1.17E-04	3.68E-08	1.07E-08
1956	495211.06, 3859351.99	3.17E-03	1.00E-06	2.91E-07	2.19E-04	6.91E-08	2.01E-08	3.21E-03	1.01E-06	2.95E-07	2.53E-04	7.97E-08	2.32E-08	3.20E-03	1.01E-06	2.94E-07	1.16E-04	3.66E-08	1.07E-08
1957	495261.06, 3859351.99	3.16E-03	9.98E-07	2.90E-07	2.19E-04	6.90E-08	2.01E-08	3.20E-03	1.01E-06	2.94E-07	2.52E-04	7.96E-08	2.32E-08	3.19E-03	1.01E-06	2.93E-07	1.16E-04	3.66E-08	1.06E-08
1958	495311.06, 3859351.99	3.12E-03	9.86E-07	2.87E-07	2.17E-04	6.85E-08	1.99E-08	3.16E-03	9.98E-07	2.90E-07	2.50E-04	7.91E-08	2.30E-08	3.15E-03	9.95E-07	2.89E-07	1.15E-04	3.63E-08	1.06E-08
1959	495361.06, 3859351.99	3.10E-03	9.79E-07	2.85E-07	2.16E-04	6.82E-08	1.98E-08	3.14E-03	9.90E-07	2.88E-07	2.49E-04	7.87E-08	2.29E-08	3.13E-03	9.87E-07	2.87E-07	1.15E-04	3.62E-08	1.05E-08
1960	495411.06, 3859351.99	3.09E-03	9.74E-07	2.83E-07	2.16E-04	6.81E-08	1.98E-08	3.12E-03	9.86E-07	2.87E-07	2.49E-04	7.86E-08	2.29E-08	3.11E-03	9.83E-07	2.86E-07	1.14E-04	3.61E-08	1.05E-08
1961	495461.06, 3859351.99	3.08E-03	9.72E-07	2.83E-07	2.16E-04	6.81E-08	1.98E-08	3.12E-03	9.83E-07	2.86E-07	2.49E-04	7.86E-08	2.29E-08	3.11E-03	9.80E-07	2.85E-07	1.14E-04	3.61E-08	1.05E-08
1962	495511.06, 3859351.99	3.03E-03	9.57E-07	2.78E-07	2.13E-04	6.74E-08	1.96E-08	3.07E-03	9.68E-07	2.82E-07	2.46E-04	7.78E-08	2.26E-08	3.06E-03	9.65E-07	2.81E-07	1.13E-04	3.57E-08	1.04E-08
1963	495561.06, 3859351.99	2.99E-03	9.45E-07	2.75E-07	2.12E-04	6.68E-08	1.94E-08	3.03E-03	9.56E-07	2.78E-07	2.45E-04	7.72E-08	2.24E-08	3.02E-03	9.53E-07	2.77E-07	1.12E-04	3.55E-08	1.03E-08
1964	495611.06, 3859351.99	2.97E-03	9.36E-07	2.72E-07	2.11E-04	6.65E-08	1.93E-08	3.00E-03	9.48E-07	2.76E-07	2.43E-04	7.68E-08	2.23E-08	2.99E-03	9.44E-07	2.75E-07	1.12E-04	3.53E-08	1.03E-08
1965	495661.06, 3859351.99	2.92E-03	9.21E-07	2.68E-07	2.08E-04	6.58E-08	1.91E-08	2.95E-03	9.33E-07	2.71E-07	2.41E-04	7.59E-08	2.21E-08	2.94E-03	9.28E-07	2.70E-07	1.11E-04	3.49E-08	1.01E-08
1966	494311.06, 3859401.99	4.25E-03	1.34E-06	3.90E-07	2.51E-04	7.93E-08	2.31E-08	4.29E-03	1.35E-06	3.94E-07	2.90E-04	9.16E-08	2.66E-08	4.32E-03	1.36E-06	3.96E-07	1.33E-04	4.20E-08	1.22E-08
1967	494361.06, 3859401.99	4.16E-03	1.31E-06	3.82E-07	2.49E-04	7.87E-08	2.29E-08	4.20E-03	1.33E-06	3.86E-07	2.88E-04	9.09E-08	2.64E-08	4.22E-03	1.33E-06	3.88E-07	1.32E-04	4.17E-08	1.21E-08
1968	494411.06, 3859401.99	4.07E-03	1.28E-06	3.74E-07	2.47E-04	7.80E-08	2.27E-08	4.11E-03	1.30E-06	3.77E-07	2.85E-04	9.01E-08	2.62E-08	4.13E-03	1.30E-06	3.79E-07	1.31E-04	4.13E-08	1.20E-08
1969	494461.06, 3859401.99	4.00E-03	1.26E-06	3.67E-07	2.45E-04	7.74E-08	2.25E-08	4.04E-03	1.28E-06	3.71E-07	2.83E-04	8.94E-08	2.60E-08	4.06E-03	1.28E-06	3.73E-07	1.30E-04	4.10E-08	1.19E-08
1970	494511.06, 3859401.99	3.96E-03	1.25E-06	3.63E-07	2.44E-04	7.70E-08	2.24E-08	4.00E-03	1.26E-06	3.67E-07	2.82E-04	8.90E-08	2.59E-08	4.01E-03	1.27E-06	3.68E-07	1.29E-04	4.08E-08	1.19E-08
1971	494561.06, 3859401.99	3.90E-03	1.23E-06	3.58E-07	2.43E-04	7.66E-08	2.23E-08	3.94E-03	1.24E-06	3.62E-07	2.80E-04	8.84E-08	2.57E-08	3.95E-03	1.25E-06	3.63E-07	1.29E-04	4.06E-08	1.18E-08
1972	494611.06, 3859401.99	3.83E-03	1.21E-06	3.52E-07	2.41E-04	7.60E-08	2.21E-08	3.87E-03	1.22E-06	3.56E-07	2.78E-04	8.77E-08	2.55E-08	3.89E-03	1.23E-06	3.57E-07	1.28E-04	4.03E-08	1.17E-08
1973	494661.06, 3859401.99	3.79E-03	1.19E-06	3.48E-07	2.39E-04	7.55E-08	2.20E-08	3.83E-03	1.21E-06	3.51E-07	2.76E-04	8.72E-08	2.54E-08	3.84E-03	1.21E-06	3.52E-07	1.27E-04	4.00E-08	1.16E-08
1974	494711.06, 3859401.99	3.73E-03	1.18E-06	3.42E-07	2.37E-04	7.49E-08	2.18E-08	3.77E-03	1.19E-06	3.46E-07	2.74E-04	8.65E-08	2.52E-08	3.78E-03	1.19E-06	3.47E-07	1.26E-04	3.97E-08	1.16E-08
1975	494761.06, 3859401.99	3.63E-03	1.15E-06	3.33E-07	2.34E-04	7.40E-08	2.15E-08	3.67E-03	1.16E-06	3.37E-07	2.71E-04	8.55E-08	2.49E-08	3.67E-03	1.16E-06	3.37E-07	1.24E-04	3.92E-08	1.14E-08
1976	494811.06, 3859401.99	3.55E-03	1.12E-06	3.26E-07	2.31E-04	7.30E-08	2.12E-08	3.59E-03	1.13E-06	3.30E-07	2.67E-04	8.44E-08	2.45E-08	3.60E-03	1.14E-06	3.30E-07	1.23E-04	3.87E-08	1.13E-08

1977 494861.06, 3859401.99	3.46E-03	1.09E-06	3.18E-07	2.28E-04	7.19E-08	2.09E-08	3.50E-03	1.10E-06	3.21E-07	2.63E-04	8.31E-08	2.42E-08	3.50E-03	1.11E-06	3.21E-07	1.21E-04	3.81E-08	1.11E-08
1978 494911.06, 3859401.99	3.40E-03	1.07E-06	3.12E-07	2.26E-04	7.13E-08	2.07E-08	3.44E-03	1.08E-06	3.16E-07	2.61E-04	8.23E-08	2.39E-08	3.44E-03	1.08E-06	3.15E-07	1.20E-04	3.78E-08	1.10E-08
1979 494961.06, 3859401.99	3.37E-03	1.06E-06	3.09E-07	2.24E-04	7.08E-08	2.06E-08	3.41E-03	1.08E-06	3.13E-07	2.59E-04	8.17E-08	2.38E-08	3.41E-03	1.07E-06	3.13E-07	1.19E-04	3.75E-08	1.09E-08
1980 495011.06, 3859401.99	3.34E-03	1.05E-06	3.07E-07	2.23E-04	7.05E-08	2.05E-08	3.38E-03	1.07E-06	3.10E-07	2.58E-04	8.14E-08	2.37E-08	3.38E-03	1.07E-06	3.10E-07	1.18E-04	3.74E-08	1.09E-08
1981 495061.06, 3859401.99	3.32E-03	1.05E-06	3.05E-07	2.23E-04	7.04E-08	2.05E-08	3.36E-03	1.06E-06	3.08E-07	2.58E-04	8.13E-08	2.36E-08	3.36E-03	1.06E-06	3.08E-07	1.18E-04	3.73E-08	1.09E-08
1982 495111.06, 3859401.99	3.27E-03	1.03E-06	3.00E-07	2.21E-04	6.98E-08	2.03E-08	3.31E-03	1.04E-06	3.04E-07	2.55E-04	8.06E-08	2.34E-08	3.31E-03	1.04E-06	3.03E-07	1.17E-04	3.70E-08	1.08E-08
1983 495161.06, 3859401.99	3.26E-03	1.03E-06	2.99E-07	2.20E-04	6.95E-08	2.02E-08	3.29E-03	1.04E-06	3.02E-07	2.54E-04	8.02E-08	2.33E-08	3.29E-03	1.04E-06	3.02E-07	1.17E-04	3.68E-08	1.07E-08
1984 495211.06, 3859401.99	3.24E-03	1.02E-06	2.98E-07	2.20E-04	6.94E-08	2.02E-08	3.28E-03	1.04E-06	3.01E-07	2.54E-04	8.01E-08	2.33E-08	3.28E-03	1.03E-06	3.01E-07	1.17E-04	3.68E-08	1.07E-08
1985 495261.06, 3859401.99	3.22E-03	1.02E-06	2.95E-07	2.19E-04	6.91E-08	2.01E-08	3.26E-03	1.03E-06	2.99E-07	2.53E-04	7.98E-08	2.32E-08	3.25E-03	1.03E-06	2.98E-07	1.16E-04	3.66E-08	1.07E-08
1986 495311.06, 3859401.99	3.19E-03	1.01E-06	2.93E-07	2.18E-04	6.87E-08	2.00E-08	3.23E-03	1.02E-06	2.96E-07	2.51E-04	7.94E-08	2.31E-08	3.22E-03	1.02E-06	2.96E-07	1.15E-04	3.64E-08	1.06E-08
1987 495361.06, 3859401.99	3.18E-03	1.00E-06	2.92E-07	2.18E-04	6.87E-08	2.00E-08	3.22E-03	1.02E-06	2.96E-07	2.51E-04	7.93E-08	2.31E-08	3.21E-03	1.01E-06	2.95E-07	1.15E-04	3.64E-08	1.06E-08
1988 495411.06, 3859401.99	3.16E-03	9.98E-07	2.90E-07	2.17E-04	6.85E-08	1.99E-08	3.20E-03	1.01E-06	2.94E-07	2.51E-04	7.91E-08	2.30E-08	3.19E-03	1.01E-06	2.93E-07	1.15E-04	3.63E-08	1.06E-08
1989 495461.06, 3859401.99	3.13E-03	9.87E-07	2.87E-07	2.16E-04	6.80E-08	1.98E-08	3.16E-03	9.99E-07	2.91E-07	2.49E-04	7.86E-08	2.29E-08	3.16E-03	9.97E-07	2.90E-07	1.14E-04	3.61E-08	1.05E-08
1990 495511.06, 3859401.99	3.08E-03	9.72E-07	2.83E-07	2.14E-04	6.74E-08	1.96E-08	3.12E-03	9.84E-07	2.86E-07	2.47E-04	7.78E-08	2.26E-08	3.11E-03	9.81E-07	2.85E-07	1.13E-04	3.57E-08	1.04E-08
1991 495561.06, 3859401.99	3.03E-03	9.55E-07	2.78E-07	2.11E-04	6.66E-08	1.94E-08	3.06E-03	9.67E-07	2.81E-07	2.44E-04	7.70E-08	2.24E-08	3.05E-03	9.64E-07	2.80E-07	1.12E-04	3.53E-08	1.03E-08
1992 495611.06, 3859401.99	3.00E-03	9.45E-07	2.75E-07	2.10E-04	6.62E-08	1.93E-08	3.03E-03	9.57E-07	2.78E-07	2.42E-04	7.65E-08	2.22E-08	3.02E-03	9.53E-07	2.77E-07	1.11E-04	3.51E-08	1.02E-08
1993 495661.06, 3859401.99	2.97E-03	9.37E-07	2.73E-07	2.09E-04	6.59E-08	1.92E-08	3.00E-03	9.48E-07	2.76E-07	2.41E-04	7.61E-08	2.21E-08	2.99E-03	9.45E-07	2.75E-07	1.11E-04	3.49E-08	1.02E-08
1994 494311.06, 3859451.99	4.28E-03	1.35E-06	3.93E-07	2.48E-04	7.82E-08	2.28E-08	4.32E-03	1.36E-06	3.97E-07	2.86E-04	9.04E-08	2.63E-08	4.35E-03	1.37E-06	4.00E-07	1.31E-04	4.14E-08	1.21E-08
1995 494361.06, 3859451.99	4.20E-03	1.33E-06	3.86E-07	2.46E-04	7.77E-08	2.26E-08	4.24E-03	1.34E-06	3.90E-07	2.84E-04	8.97E-08	2.61E-08	4.27E-03	1.35E-06	3.92E-07	1.30E-04	4.12E-08	1.20E-08
1996 494411.06, 3859451.99	4.09E-03	1.29E-06	3.76E-07	2.44E-04	7.69E-08	2.24E-08	4.13E-03	1.30E-06	3.79E-07	2.82E-04	8.89E-08	2.59E-08	4.16E-03	1.31E-06	3.81E-07	1.29E-04	4.08E-08	1.19E-08
1997 494461.06, 3859451.99	4.05E-03	1.28E-06	3.72E-07	2.43E-04	7.66E-08	2.23E-08	4.09E-03	1.29E-06	3.76E-07	2.80E-04	8.85E-08	2.57E-08	4.11E-03	1.30E-06	3.78E-07	1.29E-04	4.06E-08	1.18E-08
1998 494511.06, 3859451.99	3.99E-03	1.26E-06	3.66E-07	2.41E-04	7.61E-08	2.21E-08	4.03E-03	1.27E-06	3.70E-07	2.79E-04	8.79E-08	2.56E-08	4.05E-03	1.28E-06	3.71E-07	1.28E-04	4.03E-08	1.17E-08
1999 494561.06, 3859451.99	3.93E-03	1.24E-06	3.61E-07	2.40E-04	7.57E-08	2.20E-08	3.97E-03	1.25E-06	3.65E-07	2.77E-04	8.74E-08	2.54E-08	3.99E-03	1.26E-06	3.66E-07	1.27E-04	4.01E-08	1.17E-08
2000 494611.06, 3859451.99	3.90E-03	1.23E-06	3.58E-07	2.39E-04	7.54E-08	2.19E-08	3.94E-03	1.24E-06	3.62E-07	2.76E-04	8.71E-08	2.53E-08	3.96E-03	1.25E-06	3.63E-07	1.27E-04	4.00E-08	1.16E-08
2001 494661.06, 3859451.99	3.83E-03	1.21E-06	3.52E-07	2.37E-04	7.48E-08	2.18E-08	3.87E-03	1.22E-06	3.55E-07	2.74E-04	8.64E-08	2.51E-08	3.88E-03	1.23E-06	3.57E-07	1.26E-04	3.97E-08	1.15E-08
2002 494711.06, 3859451.99	3.76E-03	1.19E-06	3.45E-07	2.35E-04	7.42E-08	2.16E-08	3.80E-03	1.20E-06	3.49E-07	2.72E-04	8.57E-08	2.49E-08	3.82E-03	1.20E-06	3.50E-07	1.25E-04	3.93E-08	1.14E-08
2003 494761.06, 3859451.99	3.71E-03	1.17E-06	3.40E-07	2.34E-04	7.37E-08	2.14E-08	3.75E-03	1.18E-06	3.44E-07	2.70E-04	8.51E-08	2.48E-08	3.76E-03	1.19E-06	3.45E-07	1.24E-04	3.91E-08	1.14E-08
2004 494811.06, 3859451.99	3.62E-03	1.14E-06	3.33E-07	2.31E-04	7.29E-08	2.12E-08	3.66E-03	1.16E-06	3.36E-07	2.67E-04	8.42E-08	2.45E-08	3.67E-03	1.16E-06	3.37E-07	1.22E-04	3.86E-08	1.12E-08
2005 494861.06, 3859451.99	3.56E-03	1.12E-06	3.26E-07	2.29E-04	7.22E-08	2.10E-08	3.59E-03	1.13E-06	3.30E-07	2.64E-04	8.34E-08	2.42E-08	3.60E-03	1.14E-06	3.30E-07	1.21E-04	3.83E-08	1.11E-08
2006 494911.06, 3859451.99	3.50E-03	1.11E-06	3.22E-07	2.27E-04	7.16E-08	2.08E-08	3.54E-03	1.12E-06	3.25E-07	2.62E-04	8.27E-08	2.41E-08	3.55E-03	1.12E-06	3.25E-07	1.20E-04	3.80E-08	1.10E-08
2007 494961.06, 3859451.99	3.47E-03	1.10E-06	3.19E-07	2.26E-04	7.13E-08	2.07E-08	3.51E-03	1.11E-06	3.22E-07	2.61E-04	8.23E-08	2.39E-08	3.51E-03	1.11E-06	3.22E-07	1.20E-04	3.78E-08	1.10E-08
2008 495011.06, 3859451.99	3.43E-03	1.08E-06	3.15E-07	2.24E-04	7.08E-08	2.06E-08	3.47E-03	1.09E-06	3.18E-07	2.59E-04	8.18E-08	2.38E-08	3.47E-03	1.10E-06	3.19E-07	1.19E-04	3.75E-08	1.09E-08
2009 495061.06, 3859451.99	3.39E-03	1.07E-06	3.11E-07	2.23E-04	7.04E-08	2.05E-08	3.43E-03	1.08E-06	3.15E-07	2.58E-04	8.13E-08	2.36E-08	3.43E-03	1.08E-06	3.15E-07	1.18E-04	3.73E-08	1.09E-08
2010 495111.06, 3859451.99	3.35E-03	1.06E-06	3.08E-07	2.22E-04	6.99E-08	2.03E-08	3.39E-03	1.07E-06	3.11E-07	2.56E-04	8.07E-08	2.35E-08	3.39E-03	1.07E-06	3.11E-07	1.17E-04	3.71E-08	1.08E-08
2011 495161.06, 3859451.99	3.33E-03	1.05E-06	3.06E-07	2.21E-04	6.97E-08	2.03E-08	3.37E-03	1.06E-06	3.09E-07	2.55E-04	8.05E-08	2.34E-08	3.37E-03	1.06E-06	3.09E-07	1.17E-04	3.70E-08	1.07E-08
2012 495211.06, 3859451.99	3.31E-03	1.05E-06	3.04E-07	2.20E-04	6.95E-08	2.02E-08	3.35E-03	1.06E-06	3.08E-07	2.54E-04	8.03E-08	2.34E-08	3.35E-03	1.06E-06	3.08E-07	1.17E-04	3.69E-08	1.07E-08
2013 495261.06, 3859451.99	3.30E-03	1.04E-06	3.03E-07	2.20E-04	6.94E-08	2.02E-08	3.33E-03	1.05E-06	3.06E-07	2.54E-04	8.01E-08	2.33E-08	3.33E-03	1.05E-06	3.06E-07	1.17E-04	3.68E-08	1.07E-08
2014 495311.06, 3859451.99	3.27E-03	1.03E-06	3.00E-07	2.19E-04	6.90E-08	2.01E-08	3.30E-03	1.04E-06	3.03E-07	2.52E-04	7.97E-08	2.32E-08	3.30E-03	1.04E-06	3.03E-07	1.16E-04	3.66E-08	1.06E-08
2015 495361.06, 3859451.99	3.24E-03	1.02E-06	2.97E-07	2.18E-04	6.87E-08	2.00E-08	3.28E-03	1.03E-06	3.01E-07	2.51E-04	7.94E-08	2.31E-08	3.27E-03	1.03E-06	3.01E-07	1.15E-04	3.64E-08	1.06E-08
2016 495411.06, 3859451.99	3.21E-03	1.01E-06	2.94E-07	2.17E-04	6.83E-08	1.99E-08	3.24E-03	1.02E-06	2.98E-07	2.50E-04	7.89E-08	2.30E-08	3.24E-03	1.02E-06	2.98E-07	1.15E-04	3.62E-08	1.05E-08
2017 495461.06, 3859451.99	3.18E-03	1.00E-06	2.92E-07	2.16E-04	6.80E-08	1.98E-08	3.22E-03	1.02E-06	2.95E-07	2.49E-04	7.86E-08	2.29E-08	3.21E-03	1.01E-06	2.95E-07	1.14E-04	3.61E-08	1.05E-08
2018 495511.06, 3859451.99	3.13E-03	9.87E-07	2.87E-07	2.13E-04	6.73E-08	1.96E-08	3.16E-03	9.98E-07	2.90E-07	2.46E-04	7.78E-08	2.26E-08	3.16E-03	9.96E-07	2.90E-07	1.13E-04	3.57E-08	1.04E-08
2019 495561.06, 3859451.99	3.09E-03	9.75E-07	2.84E-07	2.12E-04	6.69E-08	1.95E-08	3.13E-03	9.87E-07	2.87E-07	2.45E-04	7.72E-08	2.25E-08	3.12E-03	9.85E-07	2.86E-07	1.12E-04	3.55E-08	1.03E-08
2020 495611.06, 3859451.99	3.06E-03	9.65E-07	2.81E-07	2.11E-04	6.65E-08	1.93E-08	3.09E-03	9.76E-07	2.84E-07	2.43E-04	7.67E-08	2.23E-08	3.08E-03	9.74E-07	2.83E-07	1.12E-04	3.52E-08	1.02E-08
2021 495661.06, 3859451.99	3.02E-03	9.55E-07	2.78E-07	2.09E-04	6.61E-08	1.92E-08	3.06E-03	9.66E-07	2.81E-07	2.42E-04	7.63E-08	2.22E-08	3.05E-03	9.63E-07	2.80E-07	1.11E-04	3.50E-08	1.02E-08
2022 494311.06, 3859501.99	4.33E-03	1.37E-06	3.97E-07	2.45E-04	7.72E-08	2.25E-08	4.37E-03	1.38E-06	4.01E-07	2.83E-04	8.92E-08	2.59E-08	4.41E-03	1.39E-06	4.04E-07	1.30E-04	4.09E-08	1.19E-08
2023 494361.06, 3859501.99	4.25E-03	1.34E-06	3.90E-07	2.43E-04	7.67E-08	2.23E-08	4.29E-03	1.35E-06	3.94E-07	2.81E-04	8.86E-08	2.58E-08	4.32E-03	1.36E-06	3.97E-07	1.29E-04	4.06E-08	1.18E-08
2024 494411.06, 3859501.99	4.11E-03	1.30E-06	3.78E-07	2.40E-04	7.59E-08	2.21E-08	4.15E-03	1.31E-06	3.81E-07	2.78E-04	8.77E-08	2.55E-08	4.18E-03	1.32E-06	3.84E-07	1.27E-04	4.02E-08	1.17E-08
2025 494461.06, 3859501.99	4.10E-03	1.30E-06	3.77E-07	2.40E-04	7.58E-08	2.20E-08	4.15E-03	1.31E-06	3.81E-07	2.77E-04	8.76E-08	2.55E-08	4.17E-03	1.32E-06	3.83E-07	1.27E-04	4.01E-08	1.17E-08
2026 494511.06, 3859501.99	4.03E-03	1.27E-06	3.70E-07	2.39E-04	7.53E-08	2.19E-08	4.07E-03	1.28E-06	3.74E-07	2.76E-04	8.70E-08	2.53E-08	4.10E-03	1.29E-06	3.76E-07	1.26E-04	3.99E-08	1.16E-08
2027 494561.06, 3859501.99	3.97E-03	1.25E-06	3.64E-07	2.37E-04	7.48E-08	2.18E-08	4.01E-03	1.27E-06	3.68E-07	2.74E-04	8.64E-08	2.51E-08	4.03E-03	1.27E-06	3.70E-07	1.26E-04	3.96E-08	1.15E-08
2028 494611.06, 3859501.99	3.96E-03	1.25E-06	3.64E-07	2.37E-04	7.48E-08	2.18E-08	4.00E-03	1.26E-06	3.68E-07	2.74E-04	8.64E-08	2.51E-08	4.03E-03	1.27E-06	3.70E-07	1.26E-04	3.96E-08	1.15E-08
2029 494661.06, 3859501.99	3.89E-03	1.23E-06	3.57E-07	2.35E-04	7.42E-08	2.16E-08	3.93E-03	1.24E-06	3.60E-07	2.71E-04	8.57E-08	2.49E-08	3.94E-03	1.24E-06	3.62E-07	1.25E-04	3.93E-08	1.14E-08
2030 494711.06, 3859501.99	3.79E-03	1.20E-06	3.48E-07	2.33E-04	7.35E-08	2.14E-08	3.83E-03	1.21E-06	3.52E-07	2.69E-04	8.49E-08	2.47E-08	3.85E-03	1.22E-06	3.53E-07	1.23E-04	3.89E-08	1.13E-08
2031 494761.06, 3859501.99	3.77E-03	1.19E-06	3.46E-07	2.32E-04	7.33E-08	2.13E-08	3.81E-03	1.20E-06	3.50E-07	2.68E-04	8.46E-08	2.46E-08	3.83E-03	1.21E-06	3.51E-07	1.23E-04	3.88E-08	1.13E-08
2032 494811.06, 3859501.99	3.66E-03	1.16E-06	3.36E-07	2.29E-04	7.23E-08	2.10E-08	3.70E-03	1.17E-06	3.40E-07	2.65E-04	8.35E-08	2.43E-08	3.71E-03	1.17E-06	3.41E-07	1.21E-04	3.83E-08	1.11E-08
2033 494861.06, 3859501.99	3.61E-03	1.14E-06	3.32E-07	2.28E-04	7.19E-08	2.09E-08	3.65E-03	1.15E-06	3.35E-07	2.63E-04	8.30E-08	2.41E-08	3.66E-03	1.16E-06	3.36E-07	1.21E-04	3.81E-08	1.11E-08
2034 494911.06, 3859501.99	3.58E-03	1.13E-06	3.29E-07	2.27E-04	7.16E-08	2.08E-08	3.62E-03	1.14E-06	3.32E-07	2.62E-04	8.26E-08	2.40E-08	3.63E-03	1.15E-06	3.33E-07	1.20E-04	3.79E-08	1.10E-08
2035 494961.06, 3859501.99	3.52E-03	1.11E-06	3.23E-07	2.25E-04	7.10E-08	2.06E-08	3.56E-03	1.12E-06	3.27E-07	2.60E-04	8.20E-08	2.38E-08	3.57E-03	1.13E-06	3.28E-07	1.19E-04	3.76E-08	1.09E-08
2036 495011.06, 3859501.99	3.49E-03	1.10E-06	3.21E-07	2.24E-04	7.07E-08	2.06E-08	3.53E-03	1.11E-06	3.24E-07	2.59E-04	8.17E-08	2.38E-08	3.54E-03	1.12E-06	3.25E-07	1.19E-04	3.75E-08	1.09E-08
2037 495061.06, 3859501.99	3.47E-03	1.09E-06	3.18E-07	2.23E-04	7.04E-08	2.05E-08	3.50E-03	1.11E-06	3.22E-07	2.58E-04	8.13E-08	2.37E-08	3.51E-03	1.11E-06	3.22E-07	1.18E-04	3.73E-08	1.09E-08
2038 495111.06, 3859501.99	3.41E-03	1.08E-06	3.13E-07	2.21E-04	6.99E-08	2.03E-08	3.45E-03	1.09E-06	3.17E-07	2.56E-04	8.07E-08	2.35E-08	3.45E-03	1.09E-06	3.17E-07	1.17E-04	3.70E-08	1.08E-08
2039 495161.06, 3859501.99	3.39E-03	1.07E-06	3.11E-07	2.21E-04	6.96E-08	2.02E-08	3.42E-03	1.08E-06	3.14E-07	2.55E-04	8.04E-08	2.34E-08	3.43E-03	1.08E-06	3.15E-07	1.17E-04	3.69E-08	1.07E-08
2040 495211.06, 3859501.99	3.37E-03	1.06E-06	3.10E-07	2.20E-04	6.95E-08	2.02E-08	3.41E-03	1.08E-06	3.13E-07	2.54E-04	8.02E-08	2.33E-08	3.41E-03	1.08E-06	3.13E-07	1.17E-04	3.68E-08	1.07E-08
2041 495261.06, 3859501.99	3.35E-03	1.06E-06	3.07E-07	2.19E-04	6.92E-08	2.01E-08	3.38E-03	1.07E-06	3.11E-07	2.53E-04	7.99E-08	2.32E-08	3.39E-03	1.07E-06	3.11E-07	1.16E-04	3.67E-08	1.07E-08
2042 495311.06, 3859501.99	3.33E-03	1.05E-06	3.05E-07	2.19E-04	6.90E-08	2.01E-08	3.36E-03	1.06E-06	3.09E-07	2.52E-04	7.97E-08	2.32E-08	3.37E-03	1.06E-06	3.09E-07	1.16E-04	3.66E-08	1.06E-08

2043	495361.06, 3859501.99	3.30E-03	1.04E-06	3.03E-07	2.18E-04	6.87E-08	2.00E-08	3.33E-03	1.05E-06	3.06E-07	2.51E-04	7.93E-08	2.31E-08	3.34E-03	1.05E-06	3.06E-07	1.15E-04	3.64E-08	1.06E-08
2044	495411.06, 3859501.99	3.27E-03	1.03E-06	3.00E-07	2.17E-04	6.83E-08	1.99E-08	3.31E-03	1.04E-06	3.04E-07	2.50E-04	7.89E-08	2.30E-08	3.31E-03	1.04E-06	3.04E-07	1.15E-04	3.62E-08	1.05E-08
2045	495461.06, 3859501.99	3.24E-03	1.02E-06	2.97E-07	2.15E-04	6.80E-08	1.98E-08	3.27E-03	1.03E-06	3.01E-07	2.49E-04	7.85E-08	2.28E-08	3.27E-03	1.03E-06	3.00E-07	1.14E-04	3.60E-08	1.05E-08
2046	495511.06, 3859501.99	3.17E-03	1.00E-06	2.91E-07	2.13E-04	6.73E-08	1.96E-08	3.20E-03	1.01E-06	2.94E-07	2.46E-04	7.77E-08	2.26E-08	3.20E-03	1.01E-06	2.94E-07	1.13E-04	3.56E-08	1.04E-08
2047	495561.06, 3859501.99	3.15E-03	9.95E-07	2.89E-07	2.12E-04	6.70E-08	1.95E-08	3.19E-03	1.01E-06	2.93E-07	2.45E-04	7.74E-08	2.25E-08	3.19E-03	1.01E-06	2.92E-07	1.12E-04	3.55E-08	1.03E-08
2048	495611.06, 3859501.99	3.11E-03	9.83E-07	2.86E-07	2.11E-04	6.65E-08	1.94E-08	3.15E-03	9.94E-07	2.89E-07	2.43E-04	7.68E-08	2.24E-08	3.15E-03	9.93E-07	2.89E-07	1.12E-04	3.53E-08	1.03E-08
2049	495661.06, 3859501.99	3.07E-03	9.70E-07	2.82E-07	2.09E-04	6.60E-08	1.92E-08	3.11E-03	9.81E-07	2.85E-07	2.42E-04	7.63E-08	2.22E-08	3.10E-03	9.80E-07	2.85E-07	1.11E-04	3.50E-08	1.02E-08
2050	494311.06, 3859551.99	4.36E-03	1.38E-06	4.01E-07	2.41E-04	7.61E-08	2.21E-08	4.41E-03	1.39E-06	4.04E-07	2.79E-04	8.80E-08	2.56E-08	4.45E-03	1.40E-06	4.08E-07	1.28E-04	4.03E-08	1.17E-08
2051	494361.06, 3859551.99	4.27E-03	1.35E-06	3.92E-07	2.40E-04	7.57E-08	2.20E-08	4.31E-03	1.36E-06	3.96E-07	2.77E-04	8.74E-08	2.54E-08	4.35E-03	1.37E-06	3.99E-07	1.27E-04	4.01E-08	1.17E-08
2052	494411.06, 3859551.99	4.13E-03	1.30E-06	3.79E-07	2.37E-04	7.49E-08	2.18E-08	4.17E-03	1.32E-06	3.83E-07	2.74E-04	8.65E-08	2.52E-08	4.20E-03	1.33E-06	3.86E-07	1.26E-04	3.97E-08	1.15E-08
2053	494461.06, 3859551.99	4.14E-03	1.31E-06	3.80E-07	2.37E-04	7.48E-08	2.18E-08	4.18E-03	1.32E-06	3.84E-07	2.74E-04	8.64E-08	2.51E-08	4.22E-03	1.33E-06	3.87E-07	1.26E-04	3.96E-08	1.15E-08
2054	494511.06, 3859551.99	4.07E-03	1.29E-06	3.74E-07	2.36E-04	7.44E-08	2.16E-08	4.11E-03	1.30E-06	3.77E-07	2.72E-04	8.59E-08	2.50E-08	4.14E-03	1.31E-06	3.80E-07	1.25E-04	3.94E-08	1.15E-08
2055	494561.06, 3859551.99	4.02E-03	1.27E-06	3.69E-07	2.35E-04	7.40E-08	2.15E-08	4.06E-03	1.28E-06	3.72E-07	2.71E-04	8.55E-08	2.49E-08	4.08E-03	1.29E-06	3.75E-07	1.24E-04	3.92E-08	1.14E-08
2056	494611.06, 3859551.99	3.98E-03	1.26E-06	3.66E-07	2.34E-04	7.38E-08	2.15E-08	4.02E-03	1.27E-06	3.69E-07	2.70E-04	8.52E-08	2.48E-08	4.05E-03	1.28E-06	3.72E-07	1.24E-04	3.91E-08	1.14E-08
2057	494661.06, 3859551.99	3.94E-03	1.24E-06	3.61E-07	2.33E-04	7.34E-08	2.14E-08	3.98E-03	1.26E-06	3.65E-07	2.69E-04	8.48E-08	2.47E-08	4.00E-03	1.26E-06	3.67E-07	1.23E-04	3.89E-08	1.13E-08
2058	494711.06, 3859551.99	3.80E-03	1.20E-06	3.49E-07	2.30E-04	7.25E-08	2.11E-08	3.84E-03	1.21E-06	3.53E-07	2.65E-04	8.37E-08	2.44E-08	3.86E-03	1.22E-06	3.54E-07	1.22E-04	3.84E-08	1.12E-08
2059	494761.06, 3859551.99	3.82E-03	1.21E-06	3.51E-07	2.30E-04	7.26E-08	2.11E-08	3.86E-03	1.22E-06	3.54E-07	2.66E-04	8.38E-08	2.44E-08	3.88E-03	1.22E-06	3.56E-07	1.22E-04	3.84E-08	1.12E-08
2060	494811.06, 3859551.99	3.72E-03	1.18E-06	3.42E-07	2.28E-04	7.19E-08	2.09E-08	3.76E-03	1.19E-06	3.45E-07	2.63E-04	8.30E-08	2.41E-08	3.78E-03	1.19E-06	3.47E-07	1.21E-04	3.81E-08	1.11E-08
2061	494861.06, 3859551.99	3.68E-03	1.16E-06	3.38E-07	2.26E-04	7.15E-08	2.08E-08	3.72E-03	1.17E-06	3.41E-07	2.62E-04	8.26E-08	2.40E-08	3.73E-03	1.18E-06	3.43E-07	1.20E-04	3.79E-08	1.10E-08
2062	494911.06, 3859551.99	3.62E-03	1.14E-06	3.33E-07	2.25E-04	7.10E-08	2.07E-08	3.66E-03	1.16E-06	3.36E-07	2.60E-04	8.20E-08	2.39E-08	3.67E-03	1.16E-06	3.37E-07	1.19E-04	3.76E-08	1.09E-08
2063	494961.06, 3859551.99	3.59E-03	1.13E-06	3.30E-07	2.24E-04	7.08E-08	2.06E-08	3.63E-03	1.15E-06	3.33E-07	2.59E-04	8.17E-08	2.38E-08	3.64E-03	1.15E-06	3.35E-07	1.19E-04	3.75E-08	1.09E-08
2064	495011.06, 3859551.99	3.57E-03	1.13E-06	3.28E-07	2.24E-04	7.05E-08	2.05E-08	3.61E-03	1.14E-06	3.31E-07	2.58E-04	8.15E-08	2.37E-08	3.62E-03	1.14E-06	3.32E-07	1.18E-04	3.74E-08	1.09E-08
2065	495061.06, 3859551.99	3.53E-03	1.11E-06	3.24E-07	2.22E-04	7.02E-08	2.04E-08	3.57E-03	1.13E-06	3.28E-07	2.57E-04	8.10E-08	2.36E-08	3.58E-03	1.13E-06	3.28E-07	1.18E-04	3.72E-08	1.08E-08
2066	495111.06, 3859551.99	3.48E-03	1.10E-06	3.19E-07	2.21E-04	6.97E-08	2.03E-08	3.52E-03	1.11E-06	3.23E-07	2.55E-04	8.05E-08	2.34E-08	3.53E-03	1.11E-06	3.24E-07	1.17E-04	3.69E-08	1.07E-08
2067	495161.06, 3859551.99	3.46E-03	1.09E-06	3.18E-07	2.20E-04	6.95E-08	2.02E-08	3.50E-03	1.10E-06	3.21E-07	2.54E-04	8.03E-08	2.33E-08	3.50E-03	1.11E-06	3.22E-07	1.17E-04	3.68E-08	1.07E-08
2068	495211.06, 3859551.99	3.44E-03	1.09E-06	3.16E-07	2.20E-04	6.94E-08	2.02E-08	3.48E-03	1.10E-06	3.20E-07	2.54E-04	8.01E-08	2.33E-08	3.49E-03	1.10E-06	3.20E-07	1.16E-04	3.67E-08	1.07E-08
2069	495261.06, 3859551.99	3.40E-03	1.07E-06	3.12E-07	2.18E-04	6.90E-08	2.01E-08	3.44E-03	1.09E-06	3.16E-07	2.52E-04	7.96E-08	2.32E-08	3.45E-03	1.09E-06	3.16E-07	1.16E-04	3.65E-08	1.06E-08
2070	495311.06, 3859551.99	3.37E-03	1.06E-06	3.10E-07	2.17E-04	6.86E-08	2.00E-08	3.41E-03	1.08E-06	3.13E-07	2.51E-04	7.93E-08	2.31E-08	3.41E-03	1.08E-06	3.13E-07	1.15E-04	3.64E-08	1.06E-08
2071	495361.06, 3859551.99	3.35E-03	1.06E-06	3.07E-07	2.17E-04	6.84E-08	1.99E-08	3.38E-03	1.07E-06	3.11E-07	2.50E-04	7.90E-08	2.30E-08	3.39E-03	1.07E-06	3.11E-07	1.15E-04	3.62E-08	1.05E-08
2072	495411.06, 3859551.99	3.33E-03	1.05E-06	3.05E-07	2.16E-04	6.82E-08	1.98E-08	3.36E-03	1.06E-06	3.09E-07	2.49E-04	7.87E-08	2.29E-08	3.37E-03	1.06E-06	3.09E-07	1.14E-04	3.61E-08	1.05E-08
2073	495461.06, 3859551.99	3.28E-03	1.03E-06	3.01E-07	2.14E-04	6.76E-08	1.97E-08	3.31E-03	1.05E-06	3.04E-07	2.48E-04	7.81E-08	2.27E-08	3.32E-03	1.05E-06	3.04E-07	1.14E-04	3.58E-08	1.04E-08
2074	495511.06, 3859551.99	3.23E-03	1.02E-06	2.96E-07	2.13E-04	6.71E-08	1.95E-08	3.26E-03	1.03E-06	2.99E-07	2.45E-04	7.75E-08	2.25E-08	3.26E-03	1.03E-06	3.00E-07	1.13E-04	3.55E-08	1.03E-08
2075	495561.06, 3859551.99	3.19E-03	1.01E-06	2.93E-07	2.11E-04	6.67E-08	1.94E-08	3.23E-03	1.02E-06	2.97E-07	2.44E-04	7.71E-08	2.24E-08	3.23E-03	1.02E-06	2.97E-07	1.12E-04	3.54E-08	1.03E-08
2076	495611.06, 3859551.99	3.16E-03	9.98E-07	2.90E-07	2.10E-04	6.64E-08	1.93E-08	3.20E-03	1.01E-06	2.94E-07	2.43E-04	7.67E-08	2.23E-08	3.20E-03	1.01E-06	2.94E-07	1.11E-04	3.52E-08	1.02E-08
2077	495661.06, 3859551.99	3.12E-03	9.85E-07	2.87E-07	2.09E-04	6.59E-08	1.92E-08	3.16E-03	9.97E-07	2.90E-07	2.41E-04	7.61E-08	2.21E-08	3.16E-03	9.96E-07	2.90E-07	1.11E-04	3.49E-08	1.02E-08
2078	494311.06, 3859601.99	4.41E-03	1.39E-06	4.05E-07	2.38E-04	7.51E-08	2.19E-08	4.45E-03	1.41E-06	4.09E-07	2.75E-04	8.68E-08	2.52E-08	4.50E-03	1.42E-06	4.13E-07	1.26E-04	3.97E-08	1.16E-08
2079	494361.06, 3859601.99	4.26E-03	1.35E-06	3.91E-07	2.36E-04	7.44E-08	2.17E-08	4.30E-03	1.36E-06	3.95E-07	2.72E-04	8.60E-08	2.50E-08	4.34E-03	1.37E-06	3.99E-07	1.25E-04	3.94E-08	1.15E-08
2080	494411.06, 3859601.99	4.18E-03	1.32E-06	3.84E-07	2.34E-04	7.39E-08	2.15E-08	4.22E-03	1.33E-06	3.87E-07	2.71E-04	8.54E-08	2.48E-08	4.26E-03	1.34E-06	3.91E-07	1.24E-04	3.91E-08	1.14E-08
2081	494461.06, 3859601.99	4.18E-03	1.32E-06	3.84E-07	2.34E-04	7.39E-08	2.15E-08	4.22E-03	1.33E-06	3.87E-07	2.70E-04	8.53E-08	2.48E-08	4.26E-03	1.34E-06	3.91E-07	1.24E-04	3.91E-08	1.14E-08
2082	494511.06, 3859601.99	4.08E-03	1.29E-06	3.75E-07	2.32E-04	7.33E-08	2.13E-08	4.12E-03	1.30E-06	3.79E-07	2.68E-04	8.47E-08	2.46E-08	4.16E-03	1.31E-06	3.82E-07	1.23E-04	3.88E-08	1.13E-08
2083	494561.06, 3859601.99	4.07E-03	1.29E-06	3.74E-07	2.32E-04	7.32E-08	2.13E-08	4.11E-03	1.30E-06	3.78E-07	2.68E-04	8.46E-08	2.46E-08	4.15E-03	1.31E-06	3.81E-07	1.23E-04	3.87E-08	1.13E-08
2084	494611.06, 3859601.99	4.04E-03	1.28E-06	3.71E-07	2.31E-04	7.30E-08	2.12E-08	4.08E-03	1.29E-06	3.75E-07	2.67E-04	8.43E-08	2.45E-08	4.12E-03	1.30E-06	3.78E-07	1.22E-04	3.86E-08	1.12E-08
2085	494661.06, 3859601.99	3.94E-03	1.24E-06	3.62E-07	2.29E-04	7.24E-08	2.11E-08	3.98E-03	1.26E-06	3.65E-07	2.65E-04	8.36E-08	2.43E-08	4.01E-03	1.26E-06	3.68E-07	1.21E-04	3.83E-08	1.12E-08
2086	494711.06, 3859601.99	3.85E-03	1.21E-06	3.53E-07	2.27E-04	7.18E-08	2.09E-08	3.89E-03	1.23E-06	3.57E-07	2.63E-04	8.29E-08	2.41E-08	3.91E-03	1.23E-06	3.59E-07	1.20E-04	3.80E-08	1.11E-08
2087	494761.06, 3859601.99	3.89E-03	1.23E-06	3.57E-07	2.28E-04	7.20E-08	2.09E-08	3.93E-03	1.24E-06	3.61E-07	2.63E-04	8.31E-08	2.42E-08	3.95E-03	1.25E-06	3.63E-07	1.21E-04	3.81E-08	1.11E-08
2088	494811.06, 3859601.99	3.79E-03	1.20E-06	3.48E-07	2.26E-04	7.13E-08	2.07E-08	3.83E-03	1.21E-06	3.51E-07	2.61E-04	8.24E-08	2.40E-08	3.85E-03	1.21E-06	3.53E-07	1.20E-04	3.78E-08	1.10E-08
2089	494861.06, 3859601.99	3.75E-03	1.18E-06	3.44E-07	2.25E-04	7.10E-08	2.07E-08	3.79E-03	1.19E-06	3.47E-07	2.60E-04	8.20E-08	2.39E-08	3.81E-03	1.20E-06	3.49E-07	1.19E-04	3.76E-08	1.09E-08
2090	494911.06, 3859601.99	3.67E-03	1.16E-06	3.37E-07	2.23E-04	7.05E-08	2.05E-08	3.71E-03	1.17E-06	3.41E-07	2.58E-04	8.14E-08	2.37E-08	3.73E-03	1.18E-06	3.42E-07	1.18E-04	3.73E-08	1.09E-08
2091	494961.06, 3859601.99	3.68E-03	1.16E-06	3.38E-07	2.23E-04	7.05E-08	2.05E-08	3.72E-03	1.17E-06	3.41E-07	2.58E-04	8.14E-08	2.37E-08	3.73E-03	1.18E-06	3.43E-07	1.18E-04	3.73E-08	1.09E-08
2092	495011.06, 3859601.99	3.60E-03	1.14E-06	3.31E-07	2.21E-04	6.99E-08	2.03E-08	3.64E-03	1.15E-06	3.34E-07	2.56E-04	8.07E-08	2.35E-08	3.65E-03	1.15E-06	3.36E-07	1.17E-04	3.70E-08	1.08E-08
2093	495061.06, 3859601.99	3.59E-03	1.13E-06	3.30E-07	2.21E-04	6.98E-08	2.03E-08	3.63E-03	1.14E-06	3.33E-07	2.55E-04	8.06E-08	2.34E-08	3.64E-03	1.15E-06	3.34E-07	1.17E-04	3.69E-08	1.07E-08
2094	495111.06, 3859601.99	3.54E-03	1.12E-06	3.25E-07	2.20E-04	6.93E-08	2.02E-08	3.57E-03	1.13E-06	3.28E-07	2.54E-04	8.00E-08	2.33E-08	3.59E-03	1.13E-06	3.29E-07	1.16E-04	3.67E-08	1.07E-08
2095	495161.06, 3859601.99	3.52E-03	1.11E-06	3.23E-07	2.19E-04	6.91E-08	2.01E-08	3.55E-03	1.12E-06	3.26E-07	2.53E-04	7.98E-08	2.32E-08	3.57E-03	1.13E-06	3.27E-07	1.16E-04	3.66E-08	1.06E-08
2096	495211.06, 3859601.99	3.48E-03	1.10E-06	3.20E-07	2.18E-04	6.88E-08	2.00E-08	3.52E-03	1.11E-06	3.23E-07	2.52E-04	7.95E-08	2.31E-08	3.53E-03	1.12E-06	3.24E-07	1.16E-04	3.65E-08	1.06E-08
2097	495261.06, 3859601.99	3.46E-03	1.09E-06	3.18E-07	2.17E-04	6.86E-08	2.00E-08	3.50E-03	1.10E-06	3.21E-07	2.51E-04	7.92E-08	2.30E-08	3.51E-03	1.11E-06	3.22E-07	1.15E-04	3.63E-08	1.06E-08
2098	495311.06, 3859601.99	3.44E-03	1.09E-06	3.16E-07	2.17E-04	6.84E-08	1.99E-08	3.47E-03	1.10E-06	3.19E-07	2.50E-04	7.90E-08	2.30E-08	3.48E-03	1.10E-06	3.20E-07	1.15E-04	3.62E-08	1.05E-08
2099	495361.06, 3859601.99	3.40E-03	1.07E-06	3.13E-07	2.16E-04	6.81E-08	1.98E-08	3.44E-03	1.09E-06	3.16E-07	2.49E-04	7.86E-08	2.29E-08	3.45E-03	1.09E-06	3.17E-07	1.14E-04	3.61E-08	1.05E-08
2100	495411.06, 3859601.99	3.38E-03	1.07E-06	3.10E-07	2.15E-04	6.78E-08	1.97E-08	3.42E-03	1.08E-06	3.14E-07	2.48E-04	7.84E-08	2.28E-08	3.43E-03	1.08E-06	3.14E-07	1.14E-04	3.59E-08	1.05E-08
2101	495461.06, 3859601.99	3.32E-03	1.05E-06	3.05E-07	2.13E-04	6.73E-08	1.96E-08	3.36E-03	1.06E-06	3.08E-07	2.46E-04	7.77E-08	2.26E-08	3.36E-03	1.06E-06	3.09E-07	1.13E-04	3.56E-08	1.04E-08
2102	495511.06, 3859601.99	3.27E-03	1.03E-06	3.00E-07	2.12E-04	6.68E-08	1.94E-08	3.30E-03	1.04E-06	3.03E-07	2.44E-04	7.71E-08	2.24E-08	3.31E-03	1.04E-06	3.04E-07	1.12E-04	3.54E-08	1.03E-08
2103	495561.06, 3859601.99	3.25E-03	1.03E-06	2.99E-07	2.11E-04	6.66E-08	1.94E-08	3.29E-03	1.04E-06	3.02E-07	2.44E-04	7.69E-08	2.24E-08	3.29E-03	1.04E-06	3.02E-07	1.12E-04	3.53E-08	1.03E-08
2104	495611.06, 3859601.99	3.19E-03	1.01E-06	2.93E-07	2.09E-04	6.60E-08	1.92E-08	3.23E-03	1.02E-06	2.96E-07	2.41E-04	7.62E-08	2.22E-08	3.23E-03	1.02E-06	2.97E-07	1.11E-04	3.50E-08	1.02E-08
2105	495661.06, 3859601.99	3.17E-03	1.00E-06	2.91E-07	2.08E-04	6.57E-08	1.91E-08	3.21E-03	1.01E-06	2.94E-07	2.41E-04	7.59E-08	2.21E-08	3.21E-03	1.01E-06	2.94E-07	1.10E-04	3.48E-08	1.01E-08
2106	494311.06, 3859651.99	4.42E-03	1.39E-06	4.05E-07	2.34E-04	7.40E-08	2.15E-08	4.45E-03	1.41E-06	4.09E-07	2.71E-04	8.55E-08	2.49E-08	4.51E-03	1.42E-06	4.14E-07	1.24E-04	3.91E-08	1.14E-08
2107	494361.06, 3859651.99	4.28E-03	1.35E-06	3.93E-07	2.32E-04	7.33E-08	2.13E-08	4.32E-03	1.36E-06	3.96E-07	2.68E-04	8.47E-08	2.46E-08	4.36E-03	1.38E-06	4.01E-07	1.23E-04	3.88E-08	1.13E-08
2108	494411.06, 3859651.99	4.22E-03	1.33E-06	3.88E-07	2.31E-04	7.30E-08	2.12E-08	4.26E-03	1.35E-06	3.91E-07	2.67E-04	8.44E-08	2.45E-08	4.31E-03	1.36E-06	3.95E-07	1.22E-04	3.86E-08	1.12E-08

2109 494461.06, 3859651.99	4.22E-03	1.33E-06	3.88E-07	2.31E-04	7.29E-08	2.12E-08	4.26E-03	1.35E-06	3.91E-07	2.67E-04	8.42E-08	2.45E-08	4.31E-03	1.36E-06	3.95E-07	1.22E-04	3.86E-08	1.12E-08
2110 494511.06, 3859651.99	4.16E-03	1.31E-06	3.82E-07	2.30E-04	7.26E-08	2.11E-08	4.20E-03	1.33E-06	3.86E-07	2.66E-04	8.38E-08	2.44E-08	4.24E-03	1.34E-06	3.90E-07	1.22E-04	3.84E-08	1.12E-08
2111 494561.06, 3859651.99	4.13E-03	1.30E-06	3.79E-07	2.29E-04	7.23E-08	2.10E-08	4.17E-03	1.31E-06	3.82E-07	2.65E-04	8.35E-08	2.43E-08	4.20E-03	1.33E-06	3.86E-07	1.21E-04	3.83E-08	1.11E-08
2112 494611.06, 3859651.99	4.09E-03	1.29E-06	3.75E-07	2.28E-04	7.21E-08	2.10E-08	4.12E-03	1.30E-06	3.79E-07	2.64E-04	8.32E-08	2.42E-08	4.16E-03	1.31E-06	3.82E-07	1.21E-04	3.81E-08	1.11E-08
2113 494661.06, 3859651.99	3.97E-03	1.25E-06	3.64E-07	2.26E-04	7.15E-08	2.08E-08	4.01E-03	1.26E-06	3.68E-07	2.62E-04	8.26E-08	2.40E-08	4.04E-03	1.27E-06	3.71E-07	1.20E-04	3.78E-08	1.10E-08
2114 494711.06, 3859651.99	3.93E-03	1.24E-06	3.61E-07	2.26E-04	7.12E-08	2.07E-08	3.97E-03	1.25E-06	3.65E-07	2.61E-04	8.23E-08	2.39E-08	4.00E-03	1.26E-06	3.67E-07	1.19E-04	3.77E-08	1.10E-08
2115 494761.06, 3859651.99	3.91E-03	1.23E-06	3.59E-07	2.25E-04	7.10E-08	2.07E-08	3.95E-03	1.25E-06	3.62E-07	2.60E-04	8.20E-08	2.39E-08	3.98E-03	1.26E-06	3.65E-07	1.19E-04	3.76E-08	1.09E-08
2116 494811.06, 3859651.99	3.84E-03	1.21E-06	3.53E-07	2.24E-04	7.06E-08	2.05E-08	3.88E-03	1.22E-06	3.56E-07	2.58E-04	8.15E-08	2.37E-08	3.91E-03	1.23E-06	3.59E-07	1.18E-04	3.74E-08	1.09E-08
2117 494861.06, 3859651.99	3.81E-03	1.20E-06	3.50E-07	2.23E-04	7.04E-08	2.05E-08	3.85E-03	1.21E-06	3.53E-07	2.57E-04	8.13E-08	2.36E-08	3.87E-03	1.22E-06	3.56E-07	1.18E-04	3.72E-08	1.08E-08
2118 494911.06, 3859651.99	3.76E-03	1.19E-06	3.45E-07	2.22E-04	7.00E-08	2.04E-08	3.80E-03	1.20E-06	3.49E-07	2.56E-04	8.09E-08	2.35E-08	3.82E-03	1.21E-06	3.51E-07	1.17E-04	3.71E-08	1.08E-08
2119 494961.06, 3859651.99	3.72E-03	1.18E-06	3.42E-07	2.21E-04	6.98E-08	2.03E-08	3.76E-03	1.19E-06	3.45E-07	2.55E-04	8.06E-08	2.34E-08	3.79E-03	1.19E-06	3.47E-07	1.17E-04	3.69E-08	1.07E-08
2120 495011.06, 3859651.99	3.68E-03	1.16E-06	3.38E-07	2.20E-04	6.95E-08	2.02E-08	3.72E-03	1.17E-06	3.41E-07	2.54E-04	8.02E-08	2.33E-08	3.74E-03	1.18E-06	3.43E-07	1.17E-04	3.68E-08	1.07E-08
2121 495061.06, 3859651.99	3.65E-03	1.15E-06	3.35E-07	2.19E-04	6.92E-08	2.01E-08	3.69E-03	1.16E-06	3.39E-07	2.53E-04	8.00E-08	2.33E-08	3.71E-03	1.17E-06	3.41E-07	1.16E-04	3.67E-08	1.07E-08
2122 495111.06, 3859651.99	3.61E-03	1.14E-06	3.31E-07	2.18E-04	6.89E-08	2.00E-08	3.64E-03	1.15E-06	3.34E-07	2.52E-04	7.96E-08	2.31E-08	3.66E-03	1.16E-06	3.36E-07	1.16E-04	3.65E-08	1.06E-08
2123 495161.06, 3859651.99	3.57E-03	1.13E-06	3.28E-07	2.17E-04	6.86E-08	2.00E-08	3.61E-03	1.14E-06	3.31E-07	2.51E-04	7.93E-08	2.31E-08	3.63E-03	1.14E-06	3.33E-07	1.15E-04	3.63E-08	1.06E-08
2124 495211.06, 3859651.99	3.55E-03	1.12E-06	3.26E-07	2.17E-04	6.84E-08	1.99E-08	3.58E-03	1.13E-06	3.29E-07	2.50E-04	7.90E-08	2.30E-08	3.60E-03	1.14E-06	3.31E-07	1.15E-04	3.62E-08	1.05E-08
2125 495261.06, 3859651.99	3.51E-03	1.11E-06	3.22E-07	2.16E-04	6.81E-08	1.98E-08	3.55E-03	1.12E-06	3.26E-07	2.49E-04	7.87E-08	2.29E-08	3.56E-03	1.12E-06	3.27E-07	1.14E-04	3.61E-08	1.05E-08
2126 495311.06, 3859651.99	3.48E-03	1.10E-06	3.20E-07	2.15E-04	6.79E-08	1.97E-08	3.52E-03	1.11E-06	3.23E-07	2.48E-04	7.84E-08	2.28E-08	3.53E-03	1.12E-06	3.24E-07	1.14E-04	3.59E-08	1.05E-08
2127 495361.06, 3859651.99	3.46E-03	1.09E-06	3.17E-07	2.14E-04	6.76E-08	1.97E-08	3.49E-03	1.10E-06	3.21E-07	2.48E-04	7.81E-08	2.27E-08	3.51E-03	1.11E-06	3.22E-07	1.13E-04	3.58E-08	1.04E-08
2128 495411.06, 3859651.99	3.42E-03	1.08E-06	3.14E-07	2.13E-04	6.73E-08	1.96E-08	3.46E-03	1.09E-06	3.18E-07	2.46E-04	7.78E-08	2.26E-08	3.47E-03	1.10E-06	3.19E-07	1.13E-04	3.57E-08	1.04E-08
2129 495461.06, 3859651.99	3.37E-03	1.06E-06	3.09E-07	2.12E-04	6.69E-08	1.94E-08	3.40E-03	1.07E-06	3.12E-07	2.45E-04	7.72E-08	2.25E-08	3.41E-03	1.08E-06	3.13E-07	1.12E-04	3.54E-08	1.03E-08
2130 495511.06, 3859651.99	3.32E-03	1.05E-06	3.04E-07	2.10E-04	6.64E-08	1.93E-08	3.35E-03	1.06E-06	3.08E-07	2.43E-04	7.67E-08	2.23E-08	3.36E-03	1.06E-06	3.08E-07	1.11E-04	3.52E-08	1.02E-08
2131 495561.06, 3859651.99	3.29E-03	1.04E-06	3.02E-07	2.10E-04	6.62E-08	1.92E-08	3.33E-03	1.05E-06	3.05E-07	2.42E-04	7.64E-08	2.22E-08	3.33E-03	1.05E-06	3.06E-07	1.11E-04	3.50E-08	1.02E-08
2132 495611.06, 3859651.99	3.25E-03	1.03E-06	2.99E-07	2.09E-04	6.58E-08	1.91E-08	3.29E-03	1.04E-06	3.02E-07	2.41E-04	7.60E-08	2.21E-08	3.30E-03	1.04E-06	3.03E-07	1.10E-04	3.49E-08	1.01E-08
2133 495661.06, 3859651.99	3.21E-03	1.01E-06	2.95E-07	2.07E-04	6.54E-08	1.90E-08	3.25E-03	1.03E-06	2.98E-07	2.39E-04	7.56E-08	2.20E-08	3.25E-03	1.03E-06	2.99E-07	1.10E-04	3.46E-08	1.01E-08
2134 494311.06, 3859701.99	4.33E-03	1.37E-06	3.98E-07	2.30E-04	7.26E-08	2.11E-08	4.37E-03	1.38E-06	4.02E-07	2.66E-04	8.39E-08	2.44E-08	4.42E-03	1.40E-06	4.06E-07	1.22E-04	3.84E-08	1.12E-08
2135 494361.06, 3859701.99	4.27E-03	1.35E-06	3.92E-07	2.29E-04	7.22E-08	2.10E-08	4.31E-03	1.36E-06	3.96E-07	2.64E-04	8.34E-08	2.43E-08	4.36E-03	1.38E-06	4.00E-07	1.21E-04	3.82E-08	1.11E-08
2136 494411.06, 3859701.99	4.24E-03	1.34E-06	3.89E-07	2.28E-04	7.20E-08	2.09E-08	4.28E-03	1.35E-06	3.93E-07	2.64E-04	8.32E-08	2.42E-08	4.33E-03	1.37E-06	3.97E-07	1.21E-04	3.81E-08	1.11E-08
2137 494461.06, 3859701.99	4.26E-03	1.34E-06	3.91E-07	2.28E-04	7.19E-08	2.09E-08	4.30E-03	1.36E-06	3.95E-07	2.63E-04	8.31E-08	2.42E-08	4.35E-03	1.37E-06	3.99E-07	1.21E-04	3.81E-08	1.11E-08
2138 494511.06, 3859701.99	4.21E-03	1.33E-06	3.86E-07	2.27E-04	7.17E-08	2.08E-08	4.25E-03	1.34E-06	3.90E-07	2.62E-04	8.28E-08	2.41E-08	4.29E-03	1.36E-06	3.94E-07	1.20E-04	3.79E-08	1.10E-08
2139 494561.06, 3859701.99	4.17E-03	1.32E-06	3.83E-07	2.26E-04	7.14E-08	2.08E-08	4.21E-03	1.33E-06	3.87E-07	2.61E-04	8.25E-08	2.40E-08	4.26E-03	1.34E-06	3.91E-07	1.20E-04	3.78E-08	1.10E-08
2140 494611.06, 3859701.99	4.14E-03	1.31E-06	3.80E-07	2.25E-04	7.12E-08	2.07E-08	4.17E-03	1.32E-06	3.83E-07	2.60E-04	8.22E-08	2.39E-08	4.22E-03	1.33E-06	3.87E-07	1.19E-04	3.76E-08	1.09E-08
2141 494661.06, 3859701.99	4.01E-03	1.26E-06	3.68E-07	2.24E-04	7.06E-08	2.05E-08	4.05E-03	1.28E-06	3.71E-07	2.58E-04	8.15E-08	2.37E-08	4.08E-03	1.29E-06	3.75E-07	1.18E-04	3.73E-08	1.09E-08
2142 494711.06, 3859701.99	3.99E-03	1.26E-06	3.67E-07	2.23E-04	7.04E-08	2.05E-08	4.03E-03	1.27E-06	3.70E-07	2.58E-04	8.13E-08	2.37E-08	4.07E-03	1.28E-06	3.73E-07	1.18E-04	3.73E-08	1.08E-08
2143 494761.06, 3859701.99	3.93E-03	1.24E-06	3.61E-07	2.22E-04	7.01E-08	2.04E-08	3.97E-03	1.25E-06	3.65E-07	2.56E-04	8.09E-08	2.35E-08	4.01E-03	1.26E-06	3.68E-07	1.17E-04	3.71E-08	1.08E-08
2144 494811.06, 3859701.99	3.87E-03	1.22E-06	3.56E-07	2.21E-04	6.97E-08	2.03E-08	3.91E-03	1.23E-06	3.59E-07	2.55E-04	8.05E-08	2.34E-08	3.94E-03	1.24E-06	3.62E-07	1.17E-04	3.69E-08	1.07E-08
2145 494861.06, 3859701.99	3.87E-03	1.22E-06	3.55E-07	2.21E-04	6.96E-08	2.02E-08	3.90E-03	1.23E-06	3.58E-07	2.55E-04	8.04E-08	2.34E-08	3.94E-03	1.24E-06	3.61E-07	1.17E-04	3.68E-08	1.07E-08
2146 494911.06, 3859701.99	3.82E-03	1.20E-06	3.50E-07	2.20E-04	6.93E-08	2.02E-08	3.85E-03	1.22E-06	3.54E-07	2.54E-04	8.01E-08	2.33E-08	3.88E-03	1.23E-06	3.57E-07	1.16E-04	3.67E-08	1.07E-08
2147 494961.06, 3859701.99	3.77E-03	1.19E-06	3.46E-07	2.19E-04	6.90E-08	2.01E-08	3.81E-03	1.20E-06	3.50E-07	2.53E-04	7.97E-08	2.32E-08	3.83E-03	1.21E-06	3.52E-07	1.16E-04	3.65E-08	1.06E-08
2148 495011.06, 3859701.99	3.74E-03	1.18E-06	3.44E-07	2.18E-04	6.88E-08	2.00E-08	3.78E-03	1.19E-06	3.47E-07	2.52E-04	7.95E-08	2.31E-08	3.81E-03	1.20E-06	3.50E-07	1.15E-04	3.64E-08	1.06E-08
2149 495061.06, 3859701.99	3.71E-03	1.17E-06	3.40E-07	2.17E-04	6.86E-08	1.99E-08	3.74E-03	1.18E-06	3.44E-07	2.51E-04	7.92E-08	2.30E-08	3.77E-03	1.19E-06	3.46E-07	1.15E-04	3.63E-08	1.06E-08
2150 495111.06, 3859701.99	3.67E-03	1.16E-06	3.37E-07	2.16E-04	6.83E-08	1.99E-08	3.70E-03	1.17E-06	3.40E-07	2.50E-04	7.89E-08	2.29E-08	3.73E-03	1.18E-06	3.42E-07	1.15E-04	3.61E-08	1.05E-08
2151 495161.06, 3859701.99	3.62E-03	1.14E-06	3.33E-07	2.15E-04	6.80E-08	1.98E-08	3.66E-03	1.16E-06	3.36E-07	2.49E-04	7.85E-08	2.28E-08	3.68E-03	1.16E-06	3.38E-07	1.14E-04	3.60E-08	1.05E-08
2152 495211.06, 3859701.99	3.58E-03	1.13E-06	3.29E-07	2.14E-04	6.77E-08	1.97E-08	3.62E-03	1.14E-06	3.32E-07	2.48E-04	7.82E-08	2.27E-08	3.64E-03	1.15E-06	3.34E-07	1.13E-04	3.58E-08	1.04E-08
2153 495261.06, 3859701.99	3.57E-03	1.13E-06	3.28E-07	2.14E-04	6.76E-08	1.97E-08	3.60E-03	1.14E-06	3.31E-07	2.47E-04	7.80E-08	2.27E-08	3.62E-03	1.14E-06	3.33E-07	1.13E-04	3.58E-08	1.04E-08
2154 495311.06, 3859701.99	3.53E-03	1.11E-06	3.24E-07	2.13E-04	6.73E-08	1.96E-08	3.56E-03	1.12E-06	3.27E-07	2.46E-04	7.77E-08	2.26E-08	3.58E-03	1.13E-06	3.29E-07	1.13E-04	3.56E-08	1.04E-08
2155 495361.06, 3859701.99	3.49E-03	1.10E-06	3.20E-07	2.12E-04	6.70E-08	1.95E-08	3.53E-03	1.11E-06	3.24E-07	2.45E-04	7.74E-08	2.25E-08	3.54E-03	1.12E-06	3.25E-07	1.12E-04	3.55E-08	1.03E-08
2156 495411.06, 3859701.99	3.44E-03	1.09E-06	3.16E-07	2.11E-04	6.66E-08	1.94E-08	3.48E-03	1.10E-06	3.19E-07	2.44E-04	7.69E-08	2.24E-08	3.49E-03	1.10E-06	3.21E-07	1.12E-04	3.53E-08	1.03E-08
2157 495461.06, 3859701.99	3.40E-03	1.07E-06	3.12E-07	2.10E-04	6.63E-08	1.93E-08	3.44E-03	1.08E-06	3.16E-07	2.43E-04	7.66E-08	2.23E-08	3.45E-03	1.09E-06	3.17E-07	1.11E-04	3.51E-08	1.02E-08
2158 495511.06, 3859701.99	3.33E-03	1.05E-06	3.06E-07	2.08E-04	6.58E-08	1.91E-08	3.37E-03	1.06E-06	3.09E-07	2.41E-04	7.60E-08	2.21E-08	3.38E-03	1.07E-06	3.10E-07	1.10E-04	3.48E-08	1.01E-08
2159 495561.06, 3859701.99	3.33E-03	1.05E-06	3.06E-07	2.08E-04	6.57E-08	1.91E-08	3.37E-03	1.06E-06	3.09E-07	2.40E-04	7.59E-08	2.21E-08	3.38E-03	1.07E-06	3.10E-07	1.10E-04	3.48E-08	1.01E-08
2160 495611.06, 3859701.99	3.30E-03	1.04E-06	3.03E-07	2.07E-04	6.54E-08	1.90E-08	3.33E-03	1.05E-06	3.06E-07	2.39E-04	7.55E-08	2.20E-08	3.34E-03	1.05E-06	3.07E-07	1.10E-04	3.46E-08	1.01E-08
2161 495661.06, 3859701.99	3.26E-03	1.03E-06	2.99E-07	2.06E-04	6.50E-08	1.89E-08	3.29E-03	1.04E-06	3.02E-07	2.38E-04	7.51E-08	2.19E-08	3.30E-03	1.04E-06	3.03E-07	1.09E-04	3.44E-08	1.00E-08
2162 494311.06, 3859751.99	4.39E-03	1.39E-06	4.03E-07	2.27E-04	7.17E-08	2.09E-08	4.43E-03	1.40E-06	4.07E-07	2.63E-04	8.29E-08	2.41E-08	4.49E-03	1.42E-06	4.12E-07	1.20E-04	3.79E-08	1.10E-08
2163 494361.06, 3859751.99	4.34E-03	1.37E-06	3.98E-07	2.26E-04	7.14E-08	2.08E-08	4.38E-03	1.38E-06	4.02E-07	2.61E-04	8.25E-08	2.40E-08	4.43E-03	1.40E-06	4.07E-07	1.20E-04	3.78E-08	1.10E-08
2164 494411.06, 3859751.99	4.28E-03	1.35E-06	3.93E-07	2.25E-04	7.11E-08	2.07E-08	4.31E-03	1.36E-06	3.96E-07	2.60E-04	8.21E-08	2.39E-08	4.36E-03	1.38E-06	4.01E-07	1.19E-04	3.76E-08	1.09E-08
2165 494461.06, 3859751.99	4.28E-03	1.35E-06	3.93E-07	2.25E-04	7.09E-08	2.06E-08	4.32E-03	1.36E-06	3.96E-07	2.60E-04	8.20E-08	2.38E-08	4.37E-03	1.38E-06	4.01E-07	1.19E-04	3.75E-08	1.09E-08
2166 494511.06, 3859751.99	4.26E-03	1.34E-06	3.91E-07	2.24E-04	7.08E-08	2.06E-08	4.30E-03	1.36E-06	3.95E-07	2.59E-04	8.18E-08	2.38E-08	4.35E-03	1.37E-06	3.99E-07	1.19E-04	3.74E-08	1.09E-08
2167 494561.06, 3859751.99	4.21E-03	1.33E-06	3.87E-07	2.23E-04	7.05E-08	2.05E-08	4.25E-03	1.34E-06	3.90E-07	2.58E-04	8.14E-08	2.37E-08	4.30E-03	1.36E-06	3.95E-07	1.18E-04	3.73E-08	1.08E-08
2168 494611.06, 3859751.99	4.15E-03	1.31E-06	3.81E-07	2.22E-04	7.02E-08	2.04E-08	4.19E-03	1.32E-06	3.85E-07	2.57E-04	8.11E-08	2.36E-08	4.24E-03	1.34E-06	3.89E-07	1.18E-04	3.71E-08	1.08E-08
2169 494661.06, 3859751.99	4.05E-03	1.28E-06	3.72E-07	2.21E-04	6.97E-08	2.03E-08	4.09E-03	1.29E-06	3.76E-07	2.55E-04	8.06E-08	2.34E-08	4.13E-03	1.30E-06	3.79E-07	1.17E-04	3.69E-08	1.07E-08
2170 494711.06, 3859751.99	4.04E-03	1.28E-06	3.71E-07	2.20E-04	6.96E-08	2.02E-08	4.08E-03	1.29E-06	3.74E-07	2.55E-04	8.04E-08	2.34E-08	4.12E-03	1.30E-06	3.78E-07	1.17E-04	3.68E-08	1.07E-08
2171 494761.06, 3859751.99	4.01E-03	1.26E-06	3.68E-07	2.20E-04	6.93E-08	2.02E-08	4.05E-03	1.28E-06	3.71E-07	2.54E-04	8.01E-08	2.33E-08	4.09E-03	1.29E-06	3.75E-07	1.16E-04	3.67E-08	1.07E-08
2172 494811.06, 3859751.99	3.95E-03	1.25E-06	3.63E-07	2.19E-04	6.90E-08	2.01E-08	3.99E-03	1.26E-06	3.66E-07	2.53E-04	7.97E-08	2.32E-08	4.03E-03	1.27E-06	3.70E-07	1.16E-04	3.65E-08	1.06E-08
2173 494861.06, 3859751.99	3.92E-03	1.24E-06	3.60E-07	2.18E-04	6.88E-08	2.00E-08	3.95E-03	1.25E-06	3.63E-07	2.52E-04	7.95E-08	2.31E-08	3.99E-03	1.26E-06	3.66E-07	1.15E-04	3.64E-08	1.06E-08
2174 494911.06, 3859751.99	3.88E-03	1.22E-06	3.56E-07	2.17E-04	6.85E-08	1.99E-08	3.91E-03	1.24E-06	3.59E-07	2.51E-04	7.92E-08	2.30E-08	3.95E-03	1.25E-06	3.63E-07	1.15E-04	3.63E-08	1.05E-08

2175	494961.06, 3859751.99	3.84E-03	1.21E-06	3.52E-07	2.16E-04	6.83E-08	1.99E-08	3.88E-03	1.22E-06	3.56E-07	2.50E-04	7.89E-08	2.30E-08	3.91E-03	1.23E-06	3.59E-07	1.14E-04	3.61E-08	1.05E-08
2176	495011.06, 3859751.99	3.80E-03	1.20E-06	3.49E-07	2.16E-04	6.81E-08	1.98E-08	3.83E-03	1.21E-06	3.52E-07	2.49E-04	7.86E-08	2.29E-08	3.87E-03	1.22E-06	3.55E-07	1.14E-04	3.60E-08	1.05E-08
2177	495061.06, 3859751.99	3.77E-03	1.19E-06	3.46E-07	2.15E-04	6.79E-08	1.97E-08	3.81E-03	1.20E-06	3.49E-07	2.48E-04	7.84E-08	2.28E-08	3.84E-03	1.21E-06	3.52E-07	1.14E-04	3.59E-08	1.04E-08
2178	495111.06, 3859751.99	3.73E-03	1.18E-06	3.42E-07	2.14E-04	6.76E-08	1.97E-08	3.77E-03	1.19E-06	3.46E-07	2.47E-04	7.81E-08	2.27E-08	3.79E-03	1.20E-06	3.48E-07	1.13E-04	3.58E-08	1.04E-08
2179	495161.06, 3859751.99	3.69E-03	1.16E-06	3.38E-07	2.13E-04	6.73E-08	1.96E-08	3.72E-03	1.17E-06	3.42E-07	2.46E-04	7.78E-08	2.26E-08	3.75E-03	1.18E-06	3.44E-07	1.13E-04	3.56E-08	1.04E-08
2180	495211.06, 3859751.99	3.64E-03	1.15E-06	3.34E-07	2.12E-04	6.71E-08	1.95E-08	3.68E-03	1.16E-06	3.37E-07	2.45E-04	7.75E-08	2.25E-08	3.70E-03	1.17E-06	3.40E-07	1.12E-04	3.55E-08	1.03E-08
2181	495261.06, 3859751.99	3.61E-03	1.14E-06	3.31E-07	2.12E-04	6.68E-08	1.94E-08	3.65E-03	1.15E-06	3.35E-07	2.45E-04	7.72E-08	2.25E-08	3.67E-03	1.16E-06	3.37E-07	1.12E-04	3.54E-08	1.03E-08
2182	495311.06, 3859751.99	3.57E-03	1.13E-06	3.28E-07	2.11E-04	6.66E-08	1.94E-08	3.61E-03	1.14E-06	3.31E-07	2.44E-04	7.69E-08	2.24E-08	3.63E-03	1.15E-06	3.33E-07	1.12E-04	3.52E-08	1.02E-08
2183	495361.06, 3859751.99	3.53E-03	1.12E-06	3.24E-07	2.10E-04	6.63E-08	1.93E-08	3.57E-03	1.13E-06	3.28E-07	2.43E-04	7.66E-08	2.23E-08	3.59E-03	1.13E-06	3.30E-07	1.11E-04	3.51E-08	1.02E-08
2184	495411.06, 3859751.99	3.50E-03	1.10E-06	3.21E-07	2.09E-04	6.61E-08	1.92E-08	3.54E-03	1.12E-06	3.25E-07	2.42E-04	7.63E-08	2.22E-08	3.56E-03	1.12E-06	3.26E-07	1.11E-04	3.50E-08	1.02E-08
2185	495461.06, 3859751.99	3.45E-03	1.09E-06	3.17E-07	2.08E-04	6.57E-08	1.91E-08	3.48E-03	1.10E-06	3.20E-07	2.41E-04	7.59E-08	2.21E-08	3.50E-03	1.11E-06	3.22E-07	1.10E-04	3.48E-08	1.01E-08
2186	495511.06, 3859751.99	3.40E-03	1.07E-06	3.12E-07	2.07E-04	6.54E-08	1.90E-08	3.43E-03	1.08E-06	3.15E-07	2.39E-04	7.55E-08	2.20E-08	3.45E-03	1.09E-06	3.17E-07	1.10E-04	3.46E-08	1.01E-08
2187	495561.06, 3859751.99	3.36E-03	1.06E-06	3.09E-07	2.06E-04	6.51E-08	1.89E-08	3.40E-03	1.07E-06	3.12E-07	2.38E-04	7.52E-08	2.19E-08	3.41E-03	1.08E-06	3.13E-07	1.09E-04	3.44E-08	1.00E-08
2188	495611.06, 3859751.99	3.33E-03	1.05E-06	3.06E-07	2.05E-04	6.48E-08	1.89E-08	3.36E-03	1.06E-06	3.09E-07	2.37E-04	7.49E-08	2.18E-08	3.38E-03	1.07E-06	3.10E-07	1.09E-04	3.43E-08	9.98E-09
2189	495661.06, 3859751.99	3.30E-03	1.04E-06	3.03E-07	2.05E-04	6.46E-08	1.88E-08	3.34E-03	1.05E-06	3.07E-07	2.36E-04	7.46E-08	2.17E-08	3.35E-03	1.06E-06	3.08E-07	1.08E-04	3.42E-08	9.94E-09
2190	494311.06, 3859801.99	4.44E-03	1.40E-06	4.08E-07	2.25E-04	7.09E-08	2.06E-08	4.48E-03	1.41E-06	4.12E-07	2.59E-04	8.19E-08	2.38E-08	4.54E-03	1.43E-06	4.17E-07	1.19E-04	3.74E-08	1.09E-08
2191	494361.06, 3859801.99	4.37E-03	1.38E-06	4.01E-07	2.23E-04	7.05E-08	2.05E-08	4.41E-03	1.39E-06	4.05E-07	2.58E-04	8.15E-08	2.37E-08	4.47E-03	1.41E-06	4.10E-07	1.18E-04	3.73E-08	1.08E-08
2192	494411.06, 3859801.99	4.29E-03	1.36E-06	3.94E-07	2.22E-04	7.01E-08	2.04E-08	4.33E-03	1.37E-06	3.98E-07	2.57E-04	8.10E-08	2.36E-08	4.39E-03	1.38E-06	4.03E-07	1.17E-04	3.71E-08	1.08E-08
2193	494461.06, 3859801.99	4.29E-03	1.35E-06	3.94E-07	2.22E-04	7.00E-08	2.04E-08	4.33E-03	1.37E-06	3.97E-07	2.56E-04	8.08E-08	2.35E-08	4.38E-03	1.38E-06	4.03E-07	1.17E-04	3.70E-08	1.08E-08
2194	494511.06, 3859801.99	4.29E-03	1.36E-06	3.94E-07	2.21E-04	6.98E-08	2.03E-08	4.33E-03	1.37E-06	3.98E-07	2.56E-04	8.07E-08	2.35E-08	4.39E-03	1.39E-06	4.03E-07	1.17E-04	3.69E-08	1.07E-08
2195	494561.06, 3859801.99	4.25E-03	1.34E-06	3.90E-07	2.20E-04	6.96E-08	2.02E-08	4.29E-03	1.35E-06	3.94E-07	2.55E-04	8.04E-08	2.34E-08	4.34E-03	1.37E-06	3.99E-07	1.16E-04	3.68E-08	1.07E-08
2196	494611.06, 3859801.99	4.16E-03	1.31E-06	3.82E-07	2.19E-04	6.92E-08	2.01E-08	4.20E-03	1.32E-06	3.85E-07	2.53E-04	7.99E-08	2.32E-08	4.25E-03	1.34E-06	3.90E-07	1.16E-04	3.66E-08	1.06E-08
2197	494661.06, 3859801.99	4.11E-03	1.30E-06	3.77E-07	2.18E-04	6.89E-08	2.00E-08	4.15E-03	1.31E-06	3.81E-07	2.52E-04	7.96E-08	2.31E-08	4.19E-03	1.32E-06	3.85E-07	1.15E-04	3.64E-08	1.06E-08
2198	494711.06, 3859801.99	4.05E-03	1.28E-06	3.72E-07	2.17E-04	6.86E-08	1.99E-08	4.08E-03	1.29E-06	3.75E-07	2.51E-04	7.92E-08	2.30E-08	4.13E-03	1.30E-06	3.79E-07	1.15E-04	3.62E-08	1.05E-08
2199	494761.06, 3859801.99	4.05E-03	1.28E-06	3.72E-07	2.17E-04	6.84E-08	1.99E-08	4.08E-03	1.29E-06	3.75E-07	2.51E-04	7.91E-08	2.30E-08	4.13E-03	1.30E-06	3.79E-07	1.15E-04	3.62E-08	1.05E-08
2200	494811.06, 3859801.99	4.00E-03	1.26E-06	3.67E-07	2.16E-04	6.82E-08	1.98E-08	4.04E-03	1.27E-06	3.71E-07	2.50E-04	7.88E-08	2.29E-08	4.08E-03	1.29E-06	3.74E-07	1.14E-04	3.60E-08	1.05E-08
2201	494861.06, 3859801.99	3.97E-03	1.25E-06	3.64E-07	2.15E-04	6.80E-08	1.98E-08	4.00E-03	1.26E-06	3.67E-07	2.49E-04	7.85E-08	2.28E-08	4.04E-03	1.28E-06	3.71E-07	1.14E-04	3.59E-08	1.04E-08
2202	494911.06, 3859801.99	3.91E-03	1.24E-06	3.59E-07	2.14E-04	6.77E-08	1.97E-08	3.95E-03	1.25E-06	3.63E-07	2.48E-04	7.82E-08	2.27E-08	3.99E-03	1.26E-06	3.66E-07	1.13E-04	3.58E-08	1.04E-08
2203	494961.06, 3859801.99	3.88E-03	1.22E-06	3.56E-07	2.14E-04	6.74E-08	1.96E-08	3.91E-03	1.23E-06	3.59E-07	2.47E-04	7.79E-08	2.27E-08	3.95E-03	1.25E-06	3.63E-07	1.13E-04	3.57E-08	1.04E-08
2204	495011.06, 3859801.99	3.83E-03	1.21E-06	3.52E-07	2.13E-04	6.72E-08	1.95E-08	3.87E-03	1.22E-06	3.55E-07	2.46E-04	7.76E-08	2.26E-08	3.91E-03	1.23E-06	3.59E-07	1.13E-04	3.55E-08	1.03E-08
2205	495061.06, 3859801.99	3.80E-03	1.20E-06	3.49E-07	2.12E-04	6.70E-08	1.95E-08	3.84E-03	1.21E-06	3.52E-07	2.45E-04	7.74E-08	2.25E-08	3.87E-03	1.22E-06	3.56E-07	1.12E-04	3.54E-08	1.03E-08
2206	495111.06, 3859801.99	3.76E-03	1.19E-06	3.45E-07	2.11E-04	6.67E-08	1.94E-08	3.79E-03	1.20E-06	3.48E-07	2.44E-04	7.71E-08	2.24E-08	3.83E-03	1.21E-06	3.51E-07	1.12E-04	3.53E-08	1.03E-08
2207	495161.06, 3859801.99	3.71E-03	1.17E-06	3.41E-07	2.11E-04	6.65E-08	1.93E-08	3.75E-03	1.18E-06	3.44E-07	2.43E-04	7.68E-08	2.23E-08	3.78E-03	1.19E-06	3.47E-07	1.11E-04	3.52E-08	1.02E-08
2208	495211.06, 3859801.99	3.68E-03	1.16E-06	3.38E-07	2.10E-04	6.63E-08	1.93E-08	3.72E-03	1.17E-06	3.41E-07	2.43E-04	7.66E-08	2.23E-08	3.75E-03	1.18E-06	3.44E-07	1.11E-04	3.50E-08	1.02E-08
2209	495261.06, 3859801.99	3.64E-03	1.15E-06	3.34E-07	2.09E-04	6.60E-08	1.92E-08	3.67E-03	1.16E-06	3.37E-07	2.42E-04	7.63E-08	2.22E-08	3.70E-03	1.17E-06	3.40E-07	1.11E-04	3.49E-08	1.02E-08
2210	495311.06, 3859801.99	3.61E-03	1.14E-06	3.31E-07	2.09E-04	6.58E-08	1.91E-08	3.64E-03	1.15E-06	3.35E-07	2.41E-04	7.60E-08	2.21E-08	3.67E-03	1.16E-06	3.37E-07	1.10E-04	3.48E-08	1.01E-08
2211	495361.06, 3859801.99	3.57E-03	1.13E-06	3.28E-07	2.08E-04	6.56E-08	1.91E-08	3.61E-03	1.14E-06	3.31E-07	2.40E-04	7.57E-08	2.20E-08	3.63E-03	1.15E-06	3.33E-07	1.10E-04	3.47E-08	1.01E-08
2212	495411.06, 3859801.99	3.52E-03	1.11E-06	3.24E-07	2.07E-04	6.53E-08	1.90E-08	3.56E-03	1.12E-06	3.27E-07	2.39E-04	7.54E-08	2.19E-08	3.58E-03	1.13E-06	3.29E-07	1.09E-04	3.45E-08	1.00E-08
2213	495461.06, 3859801.99	3.49E-03	1.10E-06	3.20E-07	2.06E-04	6.50E-08	1.89E-08	3.52E-03	1.11E-06	3.23E-07	2.38E-04	7.51E-08	2.19E-08	3.55E-03	1.12E-06	3.26E-07	1.09E-04	3.44E-08	1.00E-08
2214	495511.06, 3859801.99	3.44E-03	1.08E-06	3.15E-07	2.05E-04	6.47E-08	1.88E-08	3.47E-03	1.10E-06	3.19E-07	2.37E-04	7.48E-08	2.17E-08	3.49E-03	1.10E-06	3.20E-07	1.08E-04	3.42E-08	9.96E-09
2215	495561.06, 3859801.99	3.41E-03	1.07E-06	3.13E-07	2.04E-04	6.45E-08	1.88E-08	3.44E-03	1.09E-06	3.16E-07	2.36E-04	7.45E-08	2.17E-08	3.46E-03	1.09E-06	3.18E-07	1.08E-04	3.41E-08	9.92E-09
2216	495611.06, 3859801.99	3.39E-03	1.07E-06	3.11E-07	2.04E-04	6.43E-08	1.87E-08	3.42E-03	1.08E-06	3.14E-07	2.35E-04	7.43E-08	2.16E-08	3.44E-03	1.09E-06	3.16E-07	1.08E-04	3.40E-08	9.90E-09
2217	495661.06, 3859801.99	3.34E-03	1.06E-06	3.07E-07	2.03E-04	6.40E-08	1.86E-08	3.38E-03	1.07E-06	3.10E-07	2.34E-04	7.39E-08	2.15E-08	3.40E-03	1.07E-06	3.12E-07	1.07E-04	3.39E-08	9.85E-09
2218	494311.06, 3859851.99	4.47E-03	1.41E-06	4.10E-07	2.22E-04	6.99E-08	2.03E-08	4.50E-03	1.42E-06	4.13E-07	2.56E-04	8.08E-08	2.35E-08	4.57E-03	1.44E-06	4.19E-07	1.17E-04	3.69E-08	1.07E-08
2219	494361.06, 3859851.99	4.41E-03	1.39E-06	4.05E-07	2.21E-04	6.96E-08	2.03E-08	4.44E-03	1.40E-06	4.08E-07	2.55E-04	8.05E-08	2.34E-08	4.51E-03	1.42E-06	4.14E-07	1.17E-04	3.68E-08	1.07E-08
2220	494411.06, 3859851.99	4.34E-03	1.37E-06	3.98E-07	2.20E-04	6.93E-08	2.02E-08	4.38E-03	1.38E-06	4.02E-07	2.54E-04	8.01E-08	2.33E-08	4.44E-03	1.40E-06	4.07E-07	1.16E-04	3.66E-08	1.06E-08
2221	494461.06, 3859851.99	4.29E-03	1.35E-06	3.94E-07	2.19E-04	6.90E-08	2.01E-08	4.33E-03	1.37E-06	3.97E-07	2.53E-04	7.97E-08	2.32E-08	4.39E-03	1.38E-06	4.03E-07	1.15E-04	3.64E-08	1.06E-08
2222	494511.06, 3859851.99	4.28E-03	1.35E-06	3.93E-07	2.18E-04	6.88E-08	2.00E-08	4.31E-03	1.36E-06	3.96E-07	2.52E-04	7.95E-08	2.31E-08	4.37E-03	1.38E-06	4.01E-07	1.15E-04	3.63E-08	1.06E-08
2223	494561.06, 3859851.99	4.27E-03	1.35E-06	3.92E-07	2.17E-04	6.86E-08	2.00E-08	4.31E-03	1.36E-06	3.95E-07	2.51E-04	7.93E-08	2.31E-08	4.36E-03	1.38E-06	4.01E-07	1.15E-04	3.63E-08	1.05E-08
2224	494611.06, 3859851.99	4.18E-03	1.32E-06	3.83E-07	2.16E-04	6.82E-08	1.98E-08	4.21E-03	1.33E-06	3.87E-07	2.50E-04	7.88E-08	2.29E-08	4.27E-03	1.35E-06	3.92E-07	1.14E-04	3.60E-08	1.05E-08
2225	494661.06, 3859851.99	4.15E-03	1.31E-06	3.81E-07	2.16E-04	6.80E-08	1.98E-08	4.19E-03	1.32E-06	3.85E-07	2.49E-04	7.86E-08	2.29E-08	4.24E-03	1.34E-06	3.89E-07	1.14E-04	3.59E-08	1.05E-08
2226	494711.06, 3859851.99	4.08E-03	1.29E-06	3.75E-07	2.14E-04	6.77E-08	1.97E-08	4.12E-03	1.30E-06	3.78E-07	2.48E-04	7.82E-08	2.28E-08	4.17E-03	1.32E-06	3.83E-07	1.13E-04	3.58E-08	1.04E-08
2227	494761.06, 3859851.99	4.08E-03	1.29E-06	3.74E-07	2.14E-04	6.75E-08	1.96E-08	4.11E-03	1.30E-06	3.78E-07	2.47E-04	7.80E-08	2.27E-08	4.16E-03	1.31E-06	3.82E-07	1.13E-04	3.57E-08	1.04E-08
2228	494811.06, 3859851.99	4.03E-03	1.27E-06	3.70E-07	2.13E-04	6.73E-08	1.96E-08	4.07E-03	1.28E-06	3.74E-07	2.46E-04	7.78E-08	2.26E-08	4.12E-03	1.30E-06	3.78E-07	1.13E-04	3.56E-08	1.03E-08
2229	494861.06, 3859851.99	4.01E-03	1.26E-06	3.68E-07	2.13E-04	6.71E-08	1.95E-08	4.04E-03	1.28E-06	3.71E-07	2.46E-04	7.75E-08	2.25E-08	4.09E-03	1.29E-06	3.75E-07	1.12E-04	3.55E-08	1.03E-08
2230	494911.06, 3859851.99	3.95E-03	1.25E-06	3.63E-07	2.12E-04	6.68E-08	1.94E-08	3.99E-03	1.26E-06	3.66E-07	2.45E-04	7.72E-08	2.25E-08	4.03E-03	1.27E-06	3.70E-07	1.12E-04	3.53E-08	1.03E-08
2231	494961.06, 3859851.99	3.92E-03	1.24E-06	3.59E-07	2.11E-04	6.66E-08	1.94E-08	3.95E-03	1.25E-06	3.63E-07	2.44E-04	7.69E-08	2.24E-08	3.99E-03	1.26E-06	3.67E-07	1.12E-04	3.52E-08	1.02E-08
2232	495011.06, 3859851.99	3.88E-03	1.22E-06	3.56E-07	2.10E-04	6.64E-08	1.93E-08	3.91E-03	1.23E-06	3.59E-07	2.43E-04	7.67E-08	2.23E-08	3.95E-03	1.25E-06	3.63E-07	1.11E-04	3.51E-08	1.02E-08
2233	495061.06, 3859851.99	3.84E-03	1.21E-06	3.53E-07	2.10E-04	6.62E-08	1.92E-08	3.88E-03	1.22E-06	3.56E-07	2.42E-04	7.64E-08	2.22E-08	3.92E-03	1.24E-06	3.60E-07	1.11E-04	3.50E-08	1.02E-08
2234	495111.06, 3859851.99	3.79E-03	1.20E-06	3.48E-07	2.09E-04	6.59E-08	1.92E-08	3.83E-03	1.21E-06	3.52E-07	2.41E-04	7.61E-08	2.21E-08	3.87E-03	1.22E-06	3.55E-07	1.10E-04	3.48E-08	1.01E-08
2235	495161.06, 3859851.99	3.75E-03	1.18E-06	3.45E-07	2.08E-04	6.57E-08	1.91E-08	3.79E-03	1.20E-06	3.48E-07	2.40E-04	7.59E-08	2.21E-08	3.82E-03	1.21E-06	3.51E-07	1.10E-04	3.47E-08	1.01E-08
2236	495211.06, 3859851.99	3.72E-03	1.17E-06	3.41E-07	2.07E-04	6.54E-08	1.90E-08	3.75E-03	1.18E-06	3.44E-07	2.40E-04	7.56E-08	2.20E-08	3.79E-03	1.19E-06	3.48E-07	1.10E-04	3.46E-08	1.01E-08
2237	495261.06, 3859851.99	3.68E-03	1.16E-06	3.37E-07	2.07E-04	6.52E-08	1.90E-08	3.71E-03	1.17E-06	3.41E-07	2.39E-04	7.53E-08	2.19E-08	3.74E-03	1.18E-06	3.44E-07	1.09E-04	3.45E-08	1.00E-08
2238	495311.06, 3859851.99	3.64E-03	1.15E-06	3.35E-07	2.06E-04	6.50E-08	1.89E-08	3.68E-03	1.16E-06	3.38E-07	2.38E-04	7.51E-08	2.18E-08	3.71E-03	1.17E-06	3.41E-07	1.09E-04	3.44E-08	1.00E-08
2239	495361.06, 3859851.99	3.61E-03	1.14E-06	3.31E-07	2.05E-04	6.48E-08	1.88E-08	3.64E-03	1.15E-06	3.35E-07	2.37E-04	7.49E-08	2.18E-08	3.67E-03	1.16E-06	3.37E-07	1.09E-04	3.43E-08	9.96E-09
2240	495411.06, 3859851.99	3.57E-03	1.13E-06	3.27E-07	2.04E-04	6.45E-08	1.88E-08	3.60E-03	1.14E-06	3.30E-07	2.36E-04	7.46E-08	2.17E-08	3.63E-03	1.15E-06	3.33E-07	1.08E-04	3.41E-08	9.93E-09

2241 495461.06, 3859851.99	3.52E-03	1.11E-06	3.23E-07	2.04E-04	6.43E-08	1.87E-08	3.56E-03	1.12E-06	3.27E-07	2.35E-04	7.43E-08	2.16E-08	3.58E-03	1.13E-06	3.29E-07	1.08E-04	3.40E-08	9.89E-09
2242 495511.06, 3859851.99	3.48E-03	1.10E-06	3.19E-07	2.03E-04	6.40E-08	1.86E-08	3.51E-03	1.11E-06	3.22E-07	2.34E-04	7.39E-08	2.15E-08	3.53E-03	1.12E-06	3.24E-07	1.07E-04	3.38E-08	9.84E-09
2243 495561.06, 3859851.99	3.45E-03	1.09E-06	3.17E-07	2.02E-04	6.38E-08	1.86E-08	3.48E-03	1.10E-06	3.20E-07	2.34E-04	7.37E-08	2.14E-08	3.51E-03	1.11E-06	3.22E-07	1.07E-04	3.38E-08	9.82E-09
2244 495611.06, 3859851.99	3.42E-03	1.08E-06	3.14E-07	2.02E-04	6.36E-08	1.85E-08	3.46E-03	1.09E-06	3.17E-07	2.33E-04	7.35E-08	2.14E-08	3.48E-03	1.10E-06	3.19E-07	1.07E-04	3.36E-08	9.79E-09
2245 495661.06, 3859851.99	3.38E-03	1.07E-06	3.10E-07	2.01E-04	6.33E-08	1.84E-08	3.41E-03	1.08E-06	3.13E-07	2.32E-04	7.32E-08	2.13E-08	3.43E-03	1.08E-06	3.15E-07	1.06E-04	3.35E-08	9.74E-09
2246 494311.06, 3859901.99	4.48E-03	1.41E-06	4.11E-07	2.19E-04	6.90E-08	2.01E-08	4.51E-03	1.42E-06	4.14E-07	2.53E-04	7.98E-08	2.32E-08	4.58E-03	1.45E-06	4.21E-07	1.15E-04	3.64E-08	1.06E-08
2247 494361.06, 3859901.99	4.39E-03	1.39E-06	4.03E-07	2.17E-04	6.86E-08	2.00E-08	4.43E-03	1.40E-06	4.07E-07	2.51E-04	7.93E-08	2.31E-08	4.49E-03	1.42E-06	4.13E-07	1.15E-04	3.62E-08	1.05E-08
2248 494411.06, 3859901.99	4.36E-03	1.38E-06	4.01E-07	2.17E-04	6.84E-08	1.99E-08	4.40E-03	1.39E-06	4.04E-07	2.50E-04	7.91E-08	2.30E-08	4.47E-03	1.41E-06	4.10E-07	1.14E-04	3.61E-08	1.05E-08
2249 494461.06, 3859901.99	4.32E-03	1.36E-06	3.96E-07	2.16E-04	6.81E-08	1.98E-08	4.35E-03	1.37E-06	4.00E-07	2.49E-04	7.87E-08	2.29E-08	4.42E-03	1.39E-06	4.05E-07	1.14E-04	3.60E-08	1.05E-08
2250 494511.06, 3859901.99	4.29E-03	1.35E-06	3.94E-07	2.15E-04	6.79E-08	1.97E-08	4.32E-03	1.36E-06	3.97E-07	2.49E-04	7.85E-08	2.28E-08	4.39E-03	1.38E-06	4.03E-07	1.14E-04	3.59E-08	1.04E-08
2251 494561.06, 3859901.99	4.29E-03	1.36E-06	3.94E-07	2.15E-04	6.78E-08	1.97E-08	4.33E-03	1.37E-06	3.97E-07	2.48E-04	7.83E-08	2.28E-08	4.39E-03	1.39E-06	4.03E-07	1.13E-04	3.58E-08	1.04E-08
2252 494611.06, 3859901.99	4.20E-03	1.32E-06	3.85E-07	2.13E-04	6.73E-08	1.96E-08	4.23E-03	1.34E-06	3.89E-07	2.47E-04	7.78E-08	2.26E-08	4.29E-03	1.35E-06	3.94E-07	1.13E-04	3.56E-08	1.03E-08
2253 494661.06, 3859901.99	4.19E-03	1.32E-06	3.85E-07	2.13E-04	6.72E-08	1.95E-08	4.23E-03	1.33E-06	3.88E-07	2.46E-04	7.77E-08	2.26E-08	4.29E-03	1.35E-06	3.94E-07	1.12E-04	3.55E-08	1.03E-08
2254 494711.06, 3859901.99	4.10E-03	1.29E-06	3.76E-07	2.12E-04	6.68E-08	1.94E-08	4.14E-03	1.31E-06	3.80E-07	2.45E-04	7.72E-08	2.24E-08	4.19E-03	1.32E-06	3.85E-07	1.12E-04	3.53E-08	1.03E-08
2255 494761.06, 3859901.99	4.08E-03	1.29E-06	3.75E-07	2.11E-04	6.66E-08	1.94E-08	4.12E-03	1.30E-06	3.78E-07	2.44E-04	7.70E-08	2.24E-08	4.17E-03	1.32E-06	3.83E-07	1.11E-04	3.52E-08	1.02E-08
2256 494811.06, 3859901.99	4.07E-03	1.28E-06	3.74E-07	2.11E-04	6.64E-08	1.93E-08	4.10E-03	1.30E-06	3.77E-07	2.43E-04	7.68E-08	2.23E-08	4.16E-03	1.31E-06	3.82E-07	1.11E-04	3.51E-08	1.02E-08
2257 494861.06, 3859901.99	4.04E-03	1.27E-06	3.71E-07	2.10E-04	6.62E-08	1.93E-08	4.07E-03	1.29E-06	3.74E-07	2.42E-04	7.65E-08	2.23E-08	4.13E-03	1.30E-06	3.79E-07	1.11E-04	3.50E-08	1.02E-08
2258 494911.06, 3859901.99	3.99E-03	1.26E-06	3.66E-07	2.09E-04	6.60E-08	1.92E-08	4.02E-03	1.27E-06	3.69E-07	2.41E-04	7.62E-08	2.22E-08	4.07E-03	1.28E-06	3.74E-07	1.10E-04	3.48E-08	1.01E-08
2259 494961.06, 3859901.99	3.95E-03	1.25E-06	3.63E-07	2.08E-04	6.57E-08	1.91E-08	3.99E-03	1.26E-06	3.66E-07	2.41E-04	7.60E-08	2.21E-08	4.04E-03	1.27E-06	3.71E-07	1.10E-04	3.47E-08	1.01E-08
2260 495011.06, 3859901.99	3.91E-03	1.23E-06	3.59E-07	2.08E-04	6.55E-08	1.91E-08	3.94E-03	1.24E-06	3.62E-07	2.40E-04	7.57E-08	2.20E-08	3.99E-03	1.26E-06	3.66E-07	1.10E-04	3.46E-08	1.01E-08
2261 495061.06, 3859901.99	3.87E-03	1.22E-06	3.55E-07	2.07E-04	6.53E-08	1.90E-08	3.90E-03	1.23E-06	3.58E-07	2.39E-04	7.54E-08	2.19E-08	3.95E-03	1.25E-06	3.62E-07	1.09E-04	3.45E-08	1.00E-08
2262 495111.06, 3859901.99	3.82E-03	1.21E-06	3.51E-07	2.06E-04	6.50E-08	1.89E-08	3.85E-03	1.22E-06	3.54E-07	2.38E-04	7.51E-08	2.18E-08	3.89E-03	1.23E-06	3.58E-07	1.09E-04	3.43E-08	9.99E-09
2263 495161.06, 3859901.99	3.77E-03	1.19E-06	3.46E-07	2.05E-04	6.48E-08	1.88E-08	3.81E-03	1.20E-06	3.49E-07	2.37E-04	7.48E-08	2.18E-08	3.85E-03	1.21E-06	3.53E-07	1.08E-04	3.42E-08	9.95E-09
2264 495211.06, 3859901.99	3.74E-03	1.18E-06	3.44E-07	2.05E-04	6.46E-08	1.88E-08	3.78E-03	1.19E-06	3.47E-07	2.36E-04	7.46E-08	2.17E-08	3.82E-03	1.21E-06	3.51E-07	1.08E-04	3.41E-08	9.93E-09
2265 495261.06, 3859901.99	3.69E-03	1.17E-06	3.39E-07	2.04E-04	6.43E-08	1.87E-08	3.73E-03	1.18E-06	3.42E-07	2.35E-04	7.43E-08	2.16E-08	3.76E-03	1.19E-06	3.45E-07	1.08E-04	3.40E-08	9.89E-09
2266 495311.06, 3859901.99	3.67E-03	1.16E-06	3.37E-07	2.03E-04	6.41E-08	1.87E-08	3.70E-03	1.17E-06	3.40E-07	2.35E-04	7.41E-08	2.16E-08	3.74E-03	1.18E-06	3.43E-07	1.07E-04	3.39E-08	9.86E-09
2267 495361.06, 3859901.99	3.63E-03	1.14E-06	3.33E-07	2.03E-04	6.39E-08	1.86E-08	3.66E-03	1.16E-06	3.36E-07	2.34E-04	7.38E-08	2.15E-08	3.69E-03	1.17E-06	3.39E-07	1.07E-04	3.38E-08	9.83E-09
2268 495411.06, 3859901.99	3.58E-03	1.13E-06	3.29E-07	2.02E-04	6.37E-08	1.85E-08	3.62E-03	1.14E-06	3.32E-07	2.33E-04	7.36E-08	2.14E-08	3.65E-03	1.15E-06	3.35E-07	1.07E-04	3.37E-08	9.79E-09
2269 495461.06, 3859901.99	3.54E-03	1.12E-06	3.25E-07	2.01E-04	6.34E-08	1.85E-08	3.58E-03	1.13E-06	3.28E-07	2.32E-04	7.33E-08	2.13E-08	3.61E-03	1.14E-06	3.31E-07	1.06E-04	3.35E-08	9.75E-09
2270 495511.06, 3859901.99	3.51E-03	1.11E-06	3.23E-07	2.00E-04	6.33E-08	1.84E-08	3.55E-03	1.12E-06	3.26E-07	2.32E-04	7.31E-08	2.13E-08	3.58E-03	1.13E-06	3.28E-07	1.06E-04	3.34E-08	9.73E-09
2271 495561.06, 3859901.99	3.49E-03	1.10E-06	3.20E-07	2.00E-04	6.31E-08	1.83E-08	3.52E-03	1.11E-06	3.23E-07	2.31E-04	7.29E-08	2.12E-08	3.55E-03	1.12E-06	3.26E-07	1.06E-04	3.33E-08	9.70E-09
2272 495611.06, 3859901.99	3.45E-03	1.09E-06	3.16E-07	1.99E-04	6.28E-08	1.83E-08	3.48E-03	1.10E-06	3.19E-07	2.30E-04	7.26E-08	2.11E-08	3.51E-03	1.11E-06	3.22E-07	1.05E-04	3.32E-08	9.66E-09
2273 495661.06, 3859901.99	3.40E-03	1.07E-06	3.12E-07	1.98E-04	6.26E-08	1.82E-08	3.44E-03	1.08E-06	3.15E-07	2.29E-04	7.23E-08	2.10E-08	3.46E-03	1.09E-06	3.18E-07	1.05E-04	3.31E-08	9.62E-09
2274 494311.06, 3859951.99	4.50E-03	1.42E-06	4.13E-07	2.16E-04	6.83E-08	1.99E-08	4.53E-03	1.43E-06	4.16E-07	2.50E-04	7.89E-08	2.30E-08	4.60E-03	1.45E-06	4.23E-07	1.14E-04	3.61E-08	1.05E-08
2275 494361.06, 3859951.99	4.43E-03	1.40E-06	4.07E-07	2.16E-04	6.80E-08	1.98E-08	4.47E-03	1.41E-06	4.11E-07	2.49E-04	7.86E-08	2.29E-08	4.54E-03	1.43E-06	4.17E-07	1.14E-04	3.59E-08	1.04E-08
2276 494411.06, 3859951.99	4.38E-03	1.38E-06	4.02E-07	2.14E-04	6.75E-08	1.96E-08	4.42E-03	1.39E-06	4.05E-07	2.47E-04	7.81E-08	2.27E-08	4.48E-03	1.42E-06	4.12E-07	1.13E-04	3.57E-08	1.04E-08
2277 494461.06, 3859951.99	4.33E-03	1.37E-06	3.98E-07	2.13E-04	6.73E-08	1.96E-08	4.37E-03	1.38E-06	4.01E-07	2.46E-04	7.77E-08	2.26E-08	4.44E-03	1.40E-06	4.07E-07	1.12E-04	3.55E-08	1.03E-08
2278 494511.06, 3859951.99	4.31E-03	1.36E-06	3.95E-07	2.12E-04	6.70E-08	1.95E-08	4.34E-03	1.37E-06	3.99E-07	2.45E-04	7.75E-08	2.25E-08	4.41E-03	1.39E-06	4.05E-07	1.12E-04	3.54E-08	1.03E-08
2279 494561.06, 3859951.99	4.32E-03	1.36E-06	3.97E-07	2.13E-04	6.71E-08	1.95E-08	4.36E-03	1.38E-06	4.00E-07	2.46E-04	7.75E-08	2.25E-08	4.42E-03	1.40E-06	4.06E-07	1.12E-04	3.54E-08	1.03E-08
2280 494611.06, 3859951.99	4.23E-03	1.34E-06	3.89E-07	2.11E-04	6.65E-08	1.94E-08	4.27E-03	1.35E-06	3.92E-07	2.44E-04	7.69E-08	2.24E-08	4.33E-03	1.37E-06	3.98E-07	1.11E-04	3.51E-08	1.02E-08
2281 494661.06, 3859951.99	4.23E-03	1.33E-06	3.88E-07	2.11E-04	6.66E-08	1.94E-08	4.26E-03	1.35E-06	3.91E-07	2.44E-04	7.70E-08	2.24E-08	4.32E-03	1.36E-06	3.97E-07	1.11E-04	3.52E-08	1.02E-08
2282 494711.06, 3859951.99	4.15E-03	1.31E-06	3.81E-07	2.09E-04	6.60E-08	1.92E-08	4.18E-03	1.32E-06	3.84E-07	2.42E-04	7.63E-08	2.22E-08	4.24E-03	1.34E-06	3.89E-07	1.10E-04	3.49E-08	1.01E-08
2283 494761.06, 3859951.99	4.12E-03	1.30E-06	3.78E-07	2.09E-04	6.58E-08	1.91E-08	4.15E-03	1.31E-06	3.81E-07	2.41E-04	7.61E-08	2.21E-08	4.21E-03	1.33E-06	3.87E-07	1.10E-04	3.47E-08	1.01E-08
2284 494811.06, 3859951.99	4.09E-03	1.29E-06	3.75E-07	2.08E-04	6.56E-08	1.91E-08	4.12E-03	1.30E-06	3.78E-07	2.40E-04	7.58E-08	2.20E-08	4.18E-03	1.32E-06	3.83E-07	1.10E-04	3.46E-08	1.01E-08
2285 494861.06, 3859951.99	4.07E-03	1.28E-06	3.73E-07	2.07E-04	6.54E-08	1.90E-08	4.10E-03	1.29E-06	3.76E-07	2.39E-04	7.56E-08	2.20E-08	4.16E-03	1.31E-06	3.82E-07	1.09E-04	3.45E-08	1.00E-08
2286 494911.06, 3859951.99	4.01E-03	1.27E-06	3.68E-07	2.06E-04	6.51E-08	1.89E-08	4.05E-03	1.28E-06	3.72E-07	2.38E-04	7.53E-08	2.19E-08	4.10E-03	1.29E-06	3.76E-07	1.09E-04	3.44E-08	1.00E-08
2287 494961.06, 3859951.99	3.97E-03	1.25E-06	3.64E-07	2.06E-04	6.49E-08	1.89E-08	4.00E-03	1.26E-06	3.67E-07	2.38E-04	7.50E-08	2.18E-08	4.05E-03	1.28E-06	3.72E-07	1.09E-04	3.43E-08	9.96E-09
2288 495011.06, 3859951.99	3.92E-03	1.24E-06	3.60E-07	2.05E-04	6.46E-08	1.88E-08	3.96E-03	1.25E-06	3.63E-07	2.37E-04	7.47E-08	2.17E-08	4.01E-03	1.26E-06	3.68E-07	1.08E-04	3.41E-08	9.93E-09
2289 495061.06, 3859951.99	3.89E-03	1.23E-06	3.57E-07	2.04E-04	6.44E-08	1.87E-08	3.92E-03	1.24E-06	3.60E-07	2.36E-04	7.44E-08	2.16E-08	3.97E-03	1.25E-06	3.64E-07	1.08E-04	3.40E-08	9.89E-09
2290 495111.06, 3859951.99	3.84E-03	1.21E-06	3.52E-07	2.03E-04	6.42E-08	1.87E-08	3.87E-03	1.22E-06	3.55E-07	2.35E-04	7.41E-08	2.16E-08	3.92E-03	1.24E-06	3.60E-07	1.07E-04	3.39E-08	9.86E-09
2291 495161.06, 3859951.99	3.79E-03	1.20E-06	3.48E-07	2.02E-04	6.39E-08	1.86E-08	3.82E-03	1.21E-06	3.51E-07	2.34E-04	7.38E-08	2.15E-08	3.87E-03	1.22E-06	3.55E-07	1.07E-04	3.38E-08	9.82E-09
2292 495211.06, 3859951.99	3.74E-03	1.18E-06	3.44E-07	2.02E-04	6.37E-08	1.85E-08	3.78E-03	1.19E-06	3.47E-07	2.33E-04	7.36E-08	2.14E-08	3.82E-03	1.21E-06	3.51E-07	1.07E-04	3.36E-08	9.78E-09
2293 495261.06, 3859951.99	3.71E-03	1.17E-06	3.40E-07	2.01E-04	6.34E-08	1.85E-08	3.74E-03	1.18E-06	3.43E-07	2.32E-04	7.33E-08	2.13E-08	3.78E-03	1.19E-06	3.47E-07	1.06E-04	3.35E-08	9.75E-09
2294 495311.06, 3859951.99	3.68E-03	1.16E-06	3.38E-07	2.01E-04	6.33E-08	1.84E-08	3.72E-03	1.17E-06	3.41E-07	2.32E-04	7.31E-08	2.13E-08	3.76E-03	1.19E-06	3.45E-07	1.06E-04	3.34E-08	9.72E-09
2295 495361.06, 3859951.99	3.65E-03	1.15E-06	3.35E-07	2.00E-04	6.31E-08	1.83E-08	3.69E-03	1.16E-06	3.38E-07	2.31E-04	7.29E-08	2.12E-08	3.72E-03	1.18E-06	3.42E-07	1.06E-04	3.33E-08	9.69E-09
2296 495411.06, 3859951.99	3.61E-03	1.14E-06	3.31E-07	1.99E-04	6.29E-08	1.83E-08	3.64E-03	1.15E-06	3.34E-07	2.30E-04	7.26E-08	2.11E-08	3.68E-03	1.16E-06	3.38E-07	1.05E-04	3.32E-08	9.66E-09
2297 495461.06, 3859951.99	3.57E-03	1.13E-06	3.28E-07	1.98E-04	6.26E-08	1.82E-08	3.60E-03	1.14E-06	3.31E-07	2.29E-04	7.24E-08	2.10E-08	3.64E-03	1.15E-06	3.34E-07	1.05E-04	3.31E-08	9.63E-09
2298 495511.06, 3859951.99	3.53E-03	1.11E-06	3.24E-07	1.98E-04	6.24E-08	1.82E-08	3.56E-03	1.12E-06	3.27E-07	2.28E-04	7.21E-08	2.10E-08	3.60E-03	1.13E-06	3.30E-07	1.04E-04	3.30E-08	9.59E-09
2299 495561.06, 3859951.99	3.51E-03	1.11E-06	3.22E-07	1.97E-04	6.23E-08	1.81E-08	3.55E-03	1.12E-06	3.26E-07	2.28E-04	7.19E-08	2.09E-08	3.58E-03	1.13E-06	3.28E-07	1.04E-04	3.29E-08	9.57E-09
2300 495611.06, 3859951.99	3.47E-03	1.10E-06	3.19E-07	1.97E-04	6.21E-08	1.80E-08	3.50E-03	1.11E-06	3.22E-07	2.27E-04	7.17E-08	2.09E-08	3.53E-03	1.12E-06	3.25E-07	1.04E-04	3.28E-08	9.54E-09
2301 495661.06, 3859951.99	3.42E-03	1.08E-06	3.14E-07	1.96E-04	6.18E-08	1.80E-08	3.46E-03	1.09E-06	3.17E-07	2.26E-04	7.14E-08	2.08E-08	3.49E-03	1.10E-06	3.20E-07	1.03E-04	3.27E-08	9.50E-09
2302 494311.06, 3860001.99	4.50E-03	1.42E-06	4.13E-07	2.13E-04	6.73E-08	1.96E-08	4.54E-03	1.43E-06	4.17E-07	2.47E-04	7.78E-08	2.26E-08	4.62E-03	1.46E-06	4.24E-07	1.13E-04	3.55E-08	1.03E-08
2303 494361.06, 3860001.99	4.46E-03	1.41E-06	4.09E-07	2.12E-04	6.71E-08	1.95E-08	4.49E-03	1.42E-06	4.12E-07	2.46E-04	7.75E-08	2.25E-08	4.57E-03	1.44E-06	4.19E-07	1.12E-04	3.54E-08	1.03E-08
2304 494411.06, 3860001.99	4.39E-03	1.38E-06	4.03E-07	2.12E-04	6.68E-08	1.94E-08	4.42E-03	1.40E-06	4.06E-07	2.45E-04	7.72E-08	2.25E-08	4.49E-03	1.42E-06	4.12E-07	1.12E-04	3.53E-08	1.03E-08
2305 494461.06, 3860001.99	4.35E-03	1.37E-06	4.00E-07	2.11E-04	6.66E-08	1.94E-08	4.39E-03	1.39E-06	4.03E-07	2.44E-04	7.69E-08	2.24E-08	4.46E-03	1.41E-06	4.09E-07	1.11E-04	3.51E-08	1.02E-08
2306 494511.06, 3860001.99	4.30E-03	1.36E-06	3.95E-07	2.10E-04	6.63E-08	1.93E-08	4.34E-03	1.37E-06	3.98E-07	2.43E-04	7.67E-08	2.23E-08	4.40E-03	1.39E-06	4.04E-07	1.11E-04	3.50E-08	1.02E-08

2307	494561.06, 3860001.99	4.33E-03	1.37E-06	3.98E-07	2.09E-04	6.61E-08	1.92E-08	4.37E-03	1.38E-06	4.01E-07	2.42E-04	7.64E-08	2.22E-08	4.44E-03	1.40E-06	4.07E-07	1.11E-04	3.49E-08	1.01E-08
2308	494611.06, 3860001.99	4.28E-03	1.35E-06	3.93E-07	2.09E-04	6.59E-08	1.92E-08	4.31E-03	1.36E-06	3.96E-07	2.41E-04	7.61E-08	2.21E-08	4.38E-03	1.38E-06	4.02E-07	1.10E-04	3.48E-08	1.01E-08
2309	494661.06, 3860001.99	4.24E-03	1.34E-06	3.89E-07	2.08E-04	6.56E-08	1.91E-08	4.28E-03	1.35E-06	3.93E-07	2.40E-04	7.59E-08	2.21E-08	4.34E-03	1.37E-06	3.99E-07	1.10E-04	3.46E-08	1.01E-08
2310	494711.06, 3860001.99	4.14E-03	1.31E-06	3.80E-07	2.06E-04	6.51E-08	1.89E-08	4.17E-03	1.32E-06	3.83E-07	2.39E-04	7.53E-08	2.19E-08	4.23E-03	1.34E-06	3.89E-07	1.09E-04	3.44E-08	1.00E-08
2311	494761.06, 3860001.99	4.14E-03	1.31E-06	3.80E-07	2.06E-04	6.52E-08	1.90E-08	4.17E-03	1.32E-06	3.83E-07	2.39E-04	7.53E-08	2.19E-08	4.24E-03	1.34E-06	3.89E-07	1.09E-04	3.44E-08	1.00E-08
2312	494811.06, 3860001.99	4.11E-03	1.30E-06	3.77E-07	2.06E-04	6.49E-08	1.89E-08	4.15E-03	1.31E-06	3.81E-07	2.38E-04	7.51E-08	2.18E-08	4.21E-03	1.33E-06	3.86E-07	1.09E-04	3.43E-08	9.97E-09
2313	494861.06, 3860001.99	4.09E-03	1.29E-06	3.75E-07	2.05E-04	6.47E-08	1.88E-08	4.12E-03	1.30E-06	3.79E-07	2.37E-04	7.48E-08	2.18E-08	4.18E-03	1.32E-06	3.84E-07	1.08E-04	3.42E-08	9.94E-09
2314	494911.06, 3860001.99	4.00E-03	1.26E-06	3.67E-07	2.03E-04	6.42E-08	1.87E-08	4.03E-03	1.27E-06	3.70E-07	2.35E-04	7.42E-08	2.16E-08	4.09E-03	1.29E-06	3.75E-07	1.07E-04	3.39E-08	9.86E-09
2315	494961.06, 3860001.99	3.97E-03	1.25E-06	3.65E-07	2.03E-04	6.40E-08	1.86E-08	4.01E-03	1.26E-06	3.68E-07	2.34E-04	7.40E-08	2.15E-08	4.06E-03	1.28E-06	3.73E-07	1.07E-04	3.38E-08	9.83E-09
2316	495011.06, 3860001.99	3.93E-03	1.24E-06	3.60E-07	2.02E-04	6.38E-08	1.85E-08	3.96E-03	1.25E-06	3.64E-07	2.33E-04	7.37E-08	2.14E-08	4.01E-03	1.27E-06	3.68E-07	1.07E-04	3.37E-08	9.79E-09
2317	495061.06, 3860001.99	3.90E-03	1.23E-06	3.58E-07	2.01E-04	6.36E-08	1.85E-08	3.94E-03	1.24E-06	3.61E-07	2.33E-04	7.35E-08	2.14E-08	3.99E-03	1.26E-06	3.66E-07	1.06E-04	3.36E-08	9.76E-09
2318	495111.06, 3860001.99	3.86E-03	1.22E-06	3.54E-07	2.01E-04	6.33E-08	1.84E-08	3.89E-03	1.23E-06	3.57E-07	2.32E-04	7.32E-08	2.13E-08	3.94E-03	1.24E-06	3.62E-07	1.06E-04	3.34E-08	9.73E-09
2319	495161.06, 3860001.99	3.81E-03	1.20E-06	3.50E-07	2.00E-04	6.31E-08	1.83E-08	3.84E-03	1.21E-06	3.53E-07	2.31E-04	7.29E-08	2.12E-08	3.89E-03	1.23E-06	3.57E-07	1.06E-04	3.33E-08	9.69E-09
2320	495211.06, 3860001.99	3.79E-03	1.19E-06	3.47E-07	1.99E-04	6.29E-08	1.83E-08	3.82E-03	1.21E-06	3.51E-07	2.30E-04	7.27E-08	2.11E-08	3.86E-03	1.22E-06	3.55E-07	1.05E-04	3.32E-08	9.66E-09
2321	495261.06, 3860001.99	3.74E-03	1.18E-06	3.44E-07	1.99E-04	6.27E-08	1.82E-08	3.78E-03	1.19E-06	3.47E-07	2.29E-04	7.24E-08	2.11E-08	3.82E-03	1.21E-06	3.51E-07	1.05E-04	3.31E-08	9.63E-09
2322	495311.06, 3860001.99	3.71E-03	1.17E-06	3.40E-07	1.98E-04	6.25E-08	1.82E-08	3.74E-03	1.18E-06	3.44E-07	2.29E-04	7.22E-08	2.10E-08	3.79E-03	1.19E-06	3.48E-07	1.05E-04	3.30E-08	9.59E-09
2323	495361.06, 3860001.99	3.65E-03	1.15E-06	3.35E-07	1.97E-04	6.22E-08	1.81E-08	3.68E-03	1.16E-06	3.38E-07	2.28E-04	7.19E-08	2.09E-08	3.72E-03	1.17E-06	3.42E-07	1.04E-04	3.28E-08	9.55E-09
2324	495411.06, 3860001.99	3.63E-03	1.15E-06	3.34E-07	1.97E-04	6.20E-08	1.80E-08	3.67E-03	1.16E-06	3.37E-07	2.27E-04	7.17E-08	2.09E-08	3.71E-03	1.17E-06	3.40E-07	1.04E-04	3.28E-08	9.53E-09
2325	495461.06, 3860001.99	3.60E-03	1.14E-06	3.30E-07	1.96E-04	6.18E-08	1.80E-08	3.63E-03	1.15E-06	3.33E-07	2.26E-04	7.15E-08	2.08E-08	3.67E-03	1.16E-06	3.37E-07	1.03E-04	3.27E-08	9.50E-09
2326	495511.06, 3860001.99	3.56E-03	1.12E-06	3.27E-07	1.95E-04	6.16E-08	1.79E-08	3.59E-03	1.13E-06	3.30E-07	2.26E-04	7.12E-08	2.07E-08	3.63E-03	1.15E-06	3.33E-07	1.03E-04	3.26E-08	9.47E-09
2327	495561.06, 3860001.99	3.54E-03	1.12E-06	3.25E-07	1.95E-04	6.15E-08	1.79E-08	3.57E-03	1.13E-06	3.28E-07	2.25E-04	7.10E-08	2.07E-08	3.61E-03	1.14E-06	3.31E-07	1.03E-04	3.25E-08	9.45E-09
2328	495611.06, 3860001.99	3.49E-03	1.10E-06	3.21E-07	1.94E-04	6.12E-08	1.78E-08	3.53E-03	1.11E-06	3.24E-07	2.24E-04	7.08E-08	2.06E-08	3.56E-03	1.12E-06	3.27E-07	1.03E-04	3.24E-08	9.41E-09
2329	495661.06, 3860001.99	3.45E-03	1.09E-06	3.17E-07	1.93E-04	6.10E-08	1.78E-08	3.48E-03	1.10E-06	3.20E-07	2.23E-04	7.05E-08	2.05E-08	3.52E-03	1.11E-06	3.23E-07	1.02E-04	3.22E-08	9.38E-09
2330	494411.06, 3860051.99	4.41E-03	1.39E-06	4.04E-07	2.09E-04	6.59E-08	1.92E-08	4.44E-03	1.40E-06	4.08E-07	2.41E-04	7.61E-08	2.21E-08	4.51E-03	1.42E-06	4.14E-07	1.10E-04	3.47E-08	1.01E-08
2331	494461.06, 3860051.99	4.36E-03	1.38E-06	4.00E-07	2.08E-04	6.56E-08	1.91E-08	4.39E-03	1.39E-06	4.03E-07	2.40E-04	7.58E-08	2.21E-08	4.47E-03	1.41E-06	4.10E-07	1.10E-04	3.46E-08	1.01E-08
2332	494511.06, 3860051.99	4.32E-03	1.36E-06	3.96E-07	2.07E-04	6.54E-08	1.90E-08	4.35E-03	1.37E-06	3.99E-07	2.39E-04	7.56E-08	2.20E-08	4.42E-03	1.40E-06	4.06E-07	1.09E-04	3.45E-08	1.00E-08
2333	494561.06, 3860051.99	4.31E-03	1.36E-06	3.96E-07	2.06E-04	6.52E-08	1.90E-08	4.35E-03	1.37E-06	3.99E-07	2.39E-04	7.53E-08	2.19E-08	4.42E-03	1.39E-06	4.06E-07	1.09E-04	3.44E-08	1.00E-08
2334	494611.06, 3860051.99	4.29E-03	1.35E-06	3.94E-07	2.06E-04	6.49E-08	1.89E-08	4.32E-03	1.36E-06	3.97E-07	2.38E-04	7.50E-08	2.18E-08	4.39E-03	1.39E-06	4.03E-07	1.09E-04	3.42E-08	9.96E-09
2335	494661.06, 3860051.99	4.25E-03	1.34E-06	3.91E-07	2.05E-04	6.47E-08	1.88E-08	4.29E-03	1.35E-06	3.94E-07	2.37E-04	7.48E-08	2.17E-08	4.36E-03	1.38E-06	4.00E-07	1.08E-04	3.41E-08	9.93E-09
2336	494711.06, 3860051.99	4.18E-03	1.32E-06	3.84E-07	2.04E-04	6.45E-08	1.87E-08	4.22E-03	1.33E-06	3.87E-07	2.36E-04	7.45E-08	2.17E-08	4.28E-03	1.35E-06	3.93E-07	1.08E-04	3.40E-08	9.89E-09
2337	494761.06, 3860051.99	4.15E-03	1.31E-06	3.81E-07	2.04E-04	6.42E-08	1.87E-08	4.19E-03	1.32E-06	3.85E-07	2.35E-04	7.42E-08	2.16E-08	4.25E-03	1.34E-06	3.90E-07	1.07E-04	3.39E-08	9.86E-09
2338	494811.06, 3860051.99	4.14E-03	1.31E-06	3.80E-07	2.03E-04	6.40E-08	1.86E-08	4.17E-03	1.32E-06	3.83E-07	2.34E-04	7.40E-08	2.15E-08	4.24E-03	1.34E-06	3.89E-07	1.07E-04	3.38E-08	9.82E-09
2339	494861.06, 3860051.99	4.12E-03	1.30E-06	3.78E-07	2.02E-04	6.38E-08	1.86E-08	4.15E-03	1.31E-06	3.81E-07	2.34E-04	7.37E-08	2.14E-08	4.22E-03	1.33E-06	3.87E-07	1.07E-04	3.37E-08	9.79E-09
2340	494911.06, 3860051.99	4.06E-03	1.28E-06	3.73E-07	2.01E-04	6.36E-08	1.85E-08	4.10E-03	1.29E-06	3.76E-07	2.33E-04	7.35E-08	2.14E-08	4.16E-03	1.31E-06	3.82E-07	1.06E-04	3.35E-08	9.76E-09
2341	494961.06, 3860051.99	4.01E-03	1.26E-06	3.68E-07	2.01E-04	6.34E-08	1.84E-08	4.04E-03	1.28E-06	3.71E-07	2.32E-04	7.32E-08	2.13E-08	4.10E-03	1.29E-06	3.76E-07	1.06E-04	3.34E-08	9.72E-09
2342	495011.06, 3860051.99	3.96E-03	1.25E-06	3.63E-07	2.00E-04	6.31E-08	1.84E-08	3.99E-03	1.26E-06	3.66E-07	2.31E-04	7.30E-08	2.12E-08	4.04E-03	1.28E-06	3.71E-07	1.06E-04	3.33E-08	9.69E-09
2343	495061.06, 3860051.99	3.91E-03	1.24E-06	3.59E-07	1.99E-04	6.29E-08	1.83E-08	3.95E-03	1.25E-06	3.63E-07	2.30E-04	7.27E-08	2.12E-08	4.00E-03	1.26E-06	3.67E-07	1.05E-04	3.32E-08	9.66E-09
2344	495111.06, 3860051.99	3.86E-03	1.22E-06	3.54E-07	1.99E-04	6.27E-08	1.82E-08	3.89E-03	1.23E-06	3.58E-07	2.30E-04	7.25E-08	2.11E-08	3.95E-03	1.25E-06	3.62E-07	1.05E-04	3.31E-08	9.63E-09
2345	495161.06, 3860051.99	3.82E-03	1.21E-06	3.51E-07	1.97E-04	6.23E-08	1.81E-08	3.86E-03	1.22E-06	3.54E-07	2.28E-04	7.20E-08	2.09E-08	3.91E-03	1.23E-06	3.59E-07	1.04E-04	3.29E-08	9.56E-09
2346	495211.06, 3860051.99	3.78E-03	1.19E-06	3.47E-07	1.97E-04	6.20E-08	1.80E-08	3.81E-03	1.20E-06	3.50E-07	2.27E-04	7.17E-08	2.09E-08	3.86E-03	1.22E-06	3.54E-07	1.04E-04	3.28E-08	9.53E-09
2347	495261.06, 3860051.99	3.75E-03	1.18E-06	3.44E-07	1.96E-04	6.18E-08	1.80E-08	3.78E-03	1.19E-06	3.47E-07	2.26E-04	7.15E-08	2.08E-08	3.83E-03	1.21E-06	3.51E-07	1.03E-04	3.26E-08	9.50E-09
2348	495311.06, 3860051.99	3.72E-03	1.17E-06	3.42E-07	1.95E-04	6.17E-08	1.79E-08	3.75E-03	1.19E-06	3.45E-07	2.26E-04	7.13E-08	2.07E-08	3.80E-03	1.20E-06	3.49E-07	1.03E-04	3.26E-08	9.47E-09
2349	495361.06, 3860051.99	3.69E-03	1.16E-06	3.39E-07	1.95E-04	6.15E-08	1.79E-08	3.72E-03	1.17E-06	3.42E-07	2.25E-04	7.10E-08	2.07E-08	3.77E-03	1.19E-06	3.46E-07	1.03E-04	3.25E-08	9.44E-09
2350	495411.06, 3860051.99	3.65E-03	1.15E-06	3.36E-07	1.94E-04	6.13E-08	1.78E-08	3.69E-03	1.16E-06	3.39E-07	2.24E-04	7.08E-08	2.06E-08	3.73E-03	1.18E-06	3.42E-07	1.02E-04	3.23E-08	9.41E-09
2351	495461.06, 3860051.99	3.62E-03	1.14E-06	3.32E-07	1.93E-04	6.10E-08	1.78E-08	3.65E-03	1.15E-06	3.35E-07	2.23E-04	7.05E-08	2.05E-08	3.69E-03	1.16E-06	3.39E-07	1.02E-04	3.22E-08	9.37E-09
2352	495511.06, 3860051.99	3.59E-03	1.13E-06	3.29E-07	1.93E-04	6.09E-08	1.77E-08	3.62E-03	1.14E-06	3.32E-07	2.23E-04	7.03E-08	2.05E-08	3.66E-03	1.16E-06	3.36E-07	1.02E-04	3.21E-08	9.35E-09
2353	495561.06, 3860051.99	3.55E-03	1.12E-06	3.26E-07	1.92E-04	6.07E-08	1.76E-08	3.59E-03	1.13E-06	3.29E-07	2.22E-04	7.01E-08	2.04E-08	3.63E-03	1.14E-06	3.33E-07	1.02E-04	3.20E-08	9.32E-09
2354	495611.06, 3860051.99	3.52E-03	1.11E-06	3.23E-07	1.92E-04	6.05E-08	1.76E-08	3.55E-03	1.12E-06	3.26E-07	2.21E-04	6.99E-08	2.03E-08	3.59E-03	1.13E-06	3.29E-07	1.01E-04	3.19E-08	9.29E-09
2355	495661.06, 3860051.99	3.47E-03	1.09E-06	3.18E-07	1.91E-04	6.02E-08	1.75E-08	3.50E-03	1.11E-06	3.21E-07	2.21E-04	6.96E-08	2.02E-08	3.54E-03	1.12E-06	3.25E-07	1.01E-04	3.18E-08	9.25E-09
2356	494411.06, 3860101.99	4.38E-03	1.38E-06	4.02E-07	2.06E-04	6.49E-08	1.89E-08	4.41E-03	1.39E-06	4.05E-07	2.38E-04	7.50E-08	2.18E-08	4.49E-03	1.42E-06	4.12E-07	1.08E-04	3.42E-08	9.96E-09
2357	494461.06, 3860101.99	4.37E-03	1.38E-06	4.01E-07	2.05E-04	6.47E-08	1.88E-08	4.40E-03	1.39E-06	4.04E-07	2.37E-04	7.48E-08	2.17E-08	4.48E-03	1.41E-06	4.11E-07	1.08E-04	3.41E-08	9.92E-09
2358	494511.06, 3860101.99	4.30E-03	1.36E-06	3.95E-07	2.04E-04	6.45E-08	1.87E-08	4.34E-03	1.37E-06	3.98E-07	2.36E-04	7.45E-08	2.17E-08	4.41E-03	1.39E-06	4.05E-07	1.08E-04	3.40E-08	9.89E-09
2359	494561.06, 3860101.99	4.28E-03	1.35E-06	3.93E-07	2.03E-04	6.42E-08	1.87E-08	4.32E-03	1.36E-06	3.96E-07	2.35E-04	7.42E-08	2.16E-08	4.39E-03	1.38E-06	4.03E-07	1.07E-04	3.39E-08	9.85E-09
2360	494611.06, 3860101.99	4.28E-03	1.35E-06	3.93E-07	2.03E-04	6.40E-08	1.86E-08	4.31E-03	1.36E-06	3.96E-07	2.34E-04	7.39E-08	2.15E-08	4.38E-03	1.38E-06	4.02E-07	1.07E-04	3.37E-08	9.81E-09
2361	494661.06, 3860101.99	4.25E-03	1.34E-06	3.90E-07	2.02E-04	6.37E-08	1.85E-08	4.28E-03	1.35E-06	3.93E-07	2.33E-04	7.37E-08	2.14E-08	4.35E-03	1.37E-06	4.00E-07	1.07E-04	3.36E-08	9.78E-09
2362	494711.06, 3860101.99	4.19E-03	1.32E-06	3.85E-07	2.01E-04	6.35E-08	1.85E-08	4.22E-03	1.33E-06	3.88E-07	2.33E-04	7.34E-08	2.14E-08	4.29E-03	1.35E-06	3.94E-07	1.06E-04	3.35E-08	9.75E-09
2363	494761.06, 3860101.99	4.16E-03	1.31E-06	3.82E-07	2.01E-04	6.33E-08	1.84E-08	4.19E-03	1.32E-06	3.85E-07	2.32E-04	7.32E-08	2.13E-08	4.26E-03	1.34E-06	3.91E-07	1.06E-04	3.34E-08	9.71E-09
2364	494811.06, 3860101.99	4.13E-03	1.30E-06	3.79E-07	2.00E-04	6.31E-08	1.83E-08	4.17E-03	1.31E-06	3.82E-07	2.31E-04	7.29E-08	2.12E-08	4.23E-03	1.34E-06	3.88E-07	1.05E-04	3.33E-08	9.68E-09
2365	494861.06, 3860101.99	4.15E-03	1.31E-06	3.81E-07	1.99E-04	6.28E-08	1.83E-08	4.18E-03	1.32E-06	3.84E-07	2.30E-04	7.26E-08	2.11E-08	4.25E-03	1.34E-06	3.90E-07	1.05E-04	3.31E-08	9.64E-09
2366	494911.06, 3860101.99	4.04E-03	1.28E-06	3.71E-07	1.99E-04	6.27E-08	1.82E-08	4.08E-03	1.29E-06	3.74E-07	2.29E-04	7.24E-08	2.11E-08	4.14E-03	1.31E-06	3.80E-07	1.05E-04	3.31E-08	9.61E-09
2367	494961.06, 3860101.99	4.01E-03	1.27E-06	3.68E-07	1.98E-04	6.24E-08	1.82E-08	4.04E-03	1.28E-06	3.71E-07	2.29E-04	7.22E-08	2.10E-08	4.10E-03	1.29E-06	3.77E-07	1.04E-04	3.29E-08	9.58E-09
2368	495011.06, 3860101.99	3.96E-03	1.25E-06	3.64E-07	1.97E-04	6.22E-08	1.81E-08	3.99E-03	1.26E-06	3.67E-07	2.28E-04	7.19E-08	2.09E-08	4.05E-03	1.28E-06	3.72E-07	1.04E-04	3.28E-08	9.55E-09
2369	495061.06, 3860101.99	3.91E-03	1.24E-06	3.59E-07	1.97E-04	6.20E-08	1.80E-08	3.95E-03	1.25E-06	3.62E-07	2.27E-04	7.17E-08	2.09E-08	4.00E-03	1.26E-06	3.68E-07	1.04E-04	3.27E-08	9.52E-09
2370	495111.06, 3860101.99	3.86E-03	1.22E-06	3.54E-07	1.96E-04	6.18E-08	1.80E-08	3.89E-03	1.23E-06	3.57E-07	2.26E-04	7.14E-08	2.08E-08	3.95E-03	1.25E-06	3.62E-07	1.03E-04	3.26E-08	9.49E-09
2371	495161.06, 3860101.99	3.83E-03	1.21E-06	3.52E-07	1.95E-04	6.16E-08	1.79E-08	3.86E-03	1.22E-06	3.55E-07	2.26E-04	7.12E-08	2.07E-08	3.92E-03	1.24E-06	3.60E-07	1.03E-04	3.25E-08	9.46E-09
2372	495211.06, 3860101.99	3.79E-03	1.20E-06	3.48E-07	1.95E-04	6.14E-08	1.79E-08	3.83E-03	1.21E-06	3.51E-07	2.25E-04	7.10E-08	2.06E-08	3.88E-03	1.22E-06	3.56E-07	1.03E-04	3.24E-08	9.43E-09

2373	495261.06, 3860101.99	3.76E-03	1.19E-06	3.45E-07	1.94E-04	6.12E-08	1.78E-08	3.79E-03	1.20E-06	3.48E-07	2.24E-04	7.08E-08	2.06E-08	3.84E-03	1.21E-06	3.52E-07	1.02E-04	3.23E-08	9.40E-09
2374	495311.06, 3860101.99	3.72E-03	1.18E-06	3.42E-07	1.93E-04	6.10E-08	1.78E-08	3.76E-03	1.19E-06	3.45E-07	2.23E-04	7.05E-08	2.05E-08	3.81E-03	1.20E-06	3.49E-07	1.02E-04	3.22E-08	9.37E-09
2375	495361.06, 3860101.99	3.70E-03	1.17E-06	3.40E-07	1.93E-04	6.08E-08	1.77E-08	3.73E-03	1.18E-06	3.43E-07	2.23E-04	7.03E-08	2.05E-08	3.78E-03	1.19E-06	3.47E-07	1.02E-04	3.21E-08	9.34E-09
2376	495411.06, 3860101.99	3.66E-03	1.16E-06	3.36E-07	1.92E-04	6.07E-08	1.76E-08	3.70E-03	1.17E-06	3.39E-07	2.22E-04	7.01E-08	2.04E-08	3.74E-03	1.18E-06	3.44E-07	1.01E-04	3.20E-08	9.31E-09
2377	495461.06, 3860101.99	3.61E-03	1.14E-06	3.32E-07	1.91E-04	6.02E-08	1.75E-08	3.65E-03	1.15E-06	3.35E-07	2.21E-04	6.96E-08	2.03E-08	3.69E-03	1.16E-06	3.39E-07	1.01E-04	3.18E-08	9.25E-09
2378	495511.06, 3860101.99	3.59E-03	1.13E-06	3.30E-07	1.90E-04	6.01E-08	1.75E-08	3.62E-03	1.14E-06	3.33E-07	2.20E-04	6.94E-08	2.02E-08	3.67E-03	1.16E-06	3.37E-07	1.00E-04	3.17E-08	9.22E-09
2379	495561.06, 3860101.99	3.57E-03	1.13E-06	3.28E-07	1.90E-04	5.99E-08	1.74E-08	3.60E-03	1.14E-06	3.31E-07	2.19E-04	6.92E-08	2.01E-08	3.64E-03	1.15E-06	3.34E-07	1.00E-04	3.16E-08	9.20E-09
2380	495611.06, 3860101.99	3.52E-03	1.11E-06	3.23E-07	1.89E-04	5.97E-08	1.74E-08	3.55E-03	1.12E-06	3.26E-07	2.18E-04	6.89E-08	2.01E-08	3.59E-03	1.13E-06	3.30E-07	9.98E-05	3.15E-08	9.16E-09
2381	495661.06, 3860101.99	3.49E-03	1.10E-06	3.20E-07	1.88E-04	5.95E-08	1.73E-08	3.52E-03	1.11E-06	3.23E-07	2.18E-04	6.87E-08	2.00E-08	3.56E-03	1.12E-06	3.27E-07	9.95E-05	3.14E-08	9.13E-09
2382	494861.06, 3860151.99	4.16E-03	1.31E-06	3.82E-07	1.96E-04	6.18E-08	1.80E-08	4.19E-03	1.32E-06	3.85E-07	2.26E-04	7.15E-08	2.08E-08	4.26E-03	1.35E-06	3.92E-07	1.03E-04	3.26E-08	9.48E-09
2383	494911.06, 3860151.99	4.05E-03	1.28E-06	3.72E-07	1.96E-04	6.17E-08	1.80E-08	4.09E-03	1.29E-06	3.75E-07	2.26E-04	7.13E-08	2.08E-08	4.15E-03	1.31E-06	3.81E-07	1.03E-04	3.26E-08	9.47E-09
2384	494961.06, 3860151.99	4.01E-03	1.27E-06	3.68E-07	1.95E-04	6.15E-08	1.79E-08	4.04E-03	1.28E-06	3.71E-07	2.25E-04	7.11E-08	2.07E-08	4.10E-03	1.30E-06	3.77E-07	1.03E-04	3.25E-08	9.44E-09
2385	495011.06, 3860151.99	3.96E-03	1.25E-06	3.64E-07	1.94E-04	6.13E-08	1.78E-08	3.99E-03	1.26E-06	3.67E-07	2.25E-04	7.09E-08	2.06E-08	4.06E-03	1.28E-06	3.72E-07	1.03E-04	3.24E-08	9.41E-09
2386	495061.06, 3860151.99	3.92E-03	1.24E-06	3.59E-07	1.94E-04	6.12E-08	1.78E-08	3.95E-03	1.25E-06	3.62E-07	2.24E-04	7.07E-08	2.06E-08	4.01E-03	1.26E-06	3.68E-07	1.02E-04	3.23E-08	9.38E-09
2387	495111.06, 3860151.99	3.88E-03	1.22E-06	3.56E-07	1.93E-04	6.09E-08	1.77E-08	3.91E-03	1.23E-06	3.59E-07	2.23E-04	7.04E-08	2.05E-08	3.97E-03	1.25E-06	3.64E-07	1.02E-04	3.21E-08	9.35E-09
2388	495161.06, 3860151.99	3.84E-03	1.21E-06	3.53E-07	1.92E-04	6.07E-08	1.77E-08	3.87E-03	1.22E-06	3.56E-07	2.22E-04	7.02E-08	2.04E-08	3.93E-03	1.24E-06	3.61E-07	1.02E-04	3.20E-08	9.32E-09
2389	495211.06, 3860151.99	3.80E-03	1.20E-06	3.49E-07	1.92E-04	6.05E-08	1.76E-08	3.83E-03	1.21E-06	3.52E-07	2.22E-04	7.00E-08	2.04E-08	3.89E-03	1.23E-06	3.57E-07	1.01E-04	3.19E-08	9.29E-09
2390	495261.06, 3860151.99	3.77E-03	1.19E-06	3.46E-07	1.91E-04	6.04E-08	1.76E-08	3.80E-03	1.20E-06	3.49E-07	2.21E-04	6.98E-08	2.03E-08	3.85E-03	1.22E-06	3.54E-07	1.01E-04	3.18E-08	9.26E-09
2391	495311.06, 3860151.99	3.74E-03	1.18E-06	3.43E-07	1.91E-04	6.02E-08	1.75E-08	3.77E-03	1.19E-06	3.46E-07	2.20E-04	6.95E-08	2.02E-08	3.82E-03	1.21E-06	3.51E-07	1.01E-04	3.17E-08	9.23E-09
2392	495361.06, 3860151.99	3.71E-03	1.17E-06	3.40E-07	1.90E-04	6.00E-08	1.74E-08	3.74E-03	1.18E-06	3.43E-07	2.20E-04	6.93E-08	2.02E-08	3.79E-03	1.20E-06	3.48E-07	1.00E-04	3.16E-08	9.20E-09
2393	495411.06, 3860151.99	3.67E-03	1.16E-06	3.37E-07	1.89E-04	5.98E-08	1.74E-08	3.70E-03	1.17E-06	3.40E-07	2.19E-04	6.91E-08	2.01E-08	3.75E-03	1.18E-06	3.44E-07	9.99E-05	3.15E-08	9.18E-09
2394	495461.06, 3860151.99	3.64E-03	1.15E-06	3.34E-07	1.89E-04	5.96E-08	1.73E-08	3.67E-03	1.16E-06	3.37E-07	2.18E-04	6.89E-08	2.00E-08	3.72E-03	1.17E-06	3.41E-07	9.96E-05	3.14E-08	9.15E-09
2395	495511.06, 3860151.99	3.60E-03	1.14E-06	3.30E-07	1.88E-04	5.94E-08	1.73E-08	3.63E-03	1.15E-06	3.33E-07	2.18E-04	6.87E-08	2.00E-08	3.68E-03	1.16E-06	3.38E-07	9.93E-05	3.14E-08	9.12E-09
2396	495561.06, 3860151.99	3.57E-03	1.13E-06	3.28E-07	1.88E-04	5.92E-08	1.72E-08	3.60E-03	1.14E-06	3.31E-07	2.17E-04	6.85E-08	1.99E-08	3.65E-03	1.15E-06	3.35E-07	9.90E-05	3.13E-08	9.09E-09
2397	495611.06, 3860151.99	3.53E-03	1.12E-06	3.24E-07	1.87E-04	5.91E-08	1.72E-08	3.57E-03	1.13E-06	3.27E-07	2.16E-04	6.83E-08	1.99E-08	3.61E-03	1.14E-06	3.31E-07	9.88E-05	3.12E-08	9.07E-09
2398	495661.06, 3860151.99	3.49E-03	1.10E-06	3.21E-07	1.87E-04	5.89E-08	1.71E-08	3.53E-03	1.11E-06	3.24E-07	2.16E-04	6.81E-08	1.98E-08	3.57E-03	1.13E-06	3.27E-07	9.85E-05	3.11E-08	9.04E-09
2399	495718.25, 3859442.96	2.97E-03	9.39E-07	2.73E-07	2.08E-04	6.55E-08	1.91E-08	3.01E-03	9.50E-07	2.76E-07	2.40E-04	7.57E-08	2.20E-08	3.00E-03	9.47E-07	2.75E-07	1.10E-04	3.47E-08	1.01E-08
2400	495818.25, 3859442.96	2.90E-03	9.16E-07	2.67E-07	2.05E-04	6.46E-08	1.88E-08	2.94E-03	9.27E-07	2.70E-07	2.36E-04	7.46E-08	2.17E-08	2.93E-03	9.24E-07	2.69E-07	1.08E-04	3.42E-08	9.96E-09
2401	495918.25, 3859442.96	2.85E-03	9.00E-07	2.62E-07	2.02E-04	6.39E-08	1.86E-08	2.89E-03	9.11E-07	2.65E-07	2.34E-04	7.38E-08	2.15E-08	2.87E-03	9.07E-07	2.64E-07	1.07E-04	3.39E-08	9.86E-09
2402	496018.25, 3859442.96	2.81E-03	8.86E-07	2.58E-07	2.01E-04	6.34E-08	1.84E-08	2.84E-03	8.96E-07	2.61E-07	2.32E-04	7.32E-08	2.13E-08	2.83E-03	8.92E-07	2.60E-07	1.06E-04	3.36E-08	9.77E-09
2403	496118.25, 3859442.96	2.82E-03	8.89E-07	2.59E-07	2.02E-04	6.37E-08	1.85E-08	2.85E-03	8.99E-07	2.62E-07	2.33E-04	7.36E-08	2.14E-08	2.84E-03	8.95E-07	2.60E-07	1.07E-04	3.38E-08	9.83E-09
2404	496218.25, 3859442.96	2.82E-03	8.89E-07	2.59E-07	2.03E-04	6.39E-08	1.86E-08	2.85E-03	9.00E-07	2.62E-07	2.34E-04	7.38E-08	2.15E-08	2.84E-03	8.96E-07	2.61E-07	1.07E-04	3.39E-08	9.86E-09
2405	496318.25, 3859442.96	2.78E-03	8.77E-07	2.55E-07	2.01E-04	6.35E-08	1.85E-08	2.81E-03	8.88E-07	2.58E-07	2.32E-04	7.33E-08	2.13E-08	2.80E-03	8.83E-07	2.57E-07	1.07E-04	3.37E-08	9.79E-09
2406	496418.25, 3859442.96	2.74E-03	8.64E-07	2.51E-07	2.00E-04	6.30E-08	1.83E-08	2.77E-03	8.75E-07	2.54E-07	2.31E-04	7.28E-08	2.12E-08	2.76E-03	8.70E-07	2.53E-07	1.06E-04	3.34E-08	9.71E-09
2407	495718.25, 3859542.96	3.07E-03	9.70E-07	2.82E-07	2.08E-04	6.55E-08	1.91E-08	3.11E-03	9.81E-07	2.85E-07	2.40E-04	7.56E-08	2.20E-08	3.11E-03	9.80E-07	2.85E-07	1.10E-04	3.47E-08	1.01E-08
2408	495818.25, 3859542.96	3.02E-03	9.52E-07	2.77E-07	2.05E-04	6.48E-08	1.89E-08	3.05E-03	9.63E-07	2.80E-07	2.37E-04	7.49E-08	2.18E-08	3.05E-03	9.62E-07	2.80E-07	1.09E-04	3.44E-08	9.99E-09
2409	495918.25, 3859542.96	2.95E-03	9.31E-07	2.71E-07	2.03E-04	6.40E-08	1.86E-08	2.98E-03	9.42E-07	2.74E-07	2.34E-04	7.39E-08	2.15E-08	2.98E-03	9.40E-07	2.73E-07	1.08E-04	3.39E-08	9.87E-09
2410	496018.25, 3859542.96	2.89E-03	9.13E-07	2.66E-07	2.01E-04	6.33E-08	1.84E-08	2.93E-03	9.24E-07	2.69E-07	2.32E-04	7.32E-08	2.13E-08	2.92E-03	9.22E-07	2.68E-07	1.06E-04	3.36E-08	9.76E-09
2411	496118.25, 3859542.96	2.90E-03	9.15E-07	2.66E-07	2.01E-04	6.35E-08	1.85E-08	2.93E-03	9.26E-07	2.69E-07	2.32E-04	7.33E-08	2.13E-08	2.93E-03	9.24E-07	2.69E-07	1.07E-04	3.36E-08	9.79E-09
2412	496218.25, 3859542.96	2.89E-03	9.12E-07	2.65E-07	2.01E-04	6.35E-08	1.85E-08	2.92E-03	9.23E-07	2.68E-07	2.32E-04	7.33E-08	2.13E-08	2.92E-03	9.20E-07	2.68E-07	1.07E-04	3.36E-08	9.78E-09
2413	496318.25, 3859542.96	2.87E-03	9.05E-07	2.63E-07	2.00E-04	6.32E-08	1.84E-08	2.90E-03	9.16E-07	2.66E-07	2.31E-04	7.30E-08	2.12E-08	2.89E-03	9.13E-07	2.66E-07	1.06E-04	3.35E-08	9.75E-09
2414	496418.25, 3859542.96	2.81E-03	8.88E-07	2.58E-07	1.98E-04	6.26E-08	1.82E-08	2.85E-03	8.98E-07	2.61E-07	2.29E-04	7.23E-08	2.10E-08	2.84E-03	8.95E-07	2.60E-07	1.05E-04	3.32E-08	9.65E-09
2415	495718.25, 3859642.96	3.16E-03	9.96E-07	2.90E-07	2.06E-04	6.50E-08	1.89E-08	3.19E-03	1.01E-06	2.93E-07	2.38E-04	7.51E-08	2.18E-08	3.19E-03	1.01E-06	2.93E-07	1.09E-04	3.44E-08	1.00E-08
2416	495818.25, 3859642.96	3.09E-03	9.75E-07	2.83E-07	2.04E-04	6.43E-08	1.87E-08	3.12E-03	9.86E-07	2.87E-07	2.35E-04	7.42E-08	2.16E-08	3.12E-03	9.86E-07	2.87E-07	1.08E-04	3.40E-08	9.90E-09
2417	495918.25, 3859642.96	3.04E-03	9.60E-07	2.79E-07	2.02E-04	6.38E-08	1.85E-08	3.08E-03	9.71E-07	2.82E-07	2.33E-04	7.36E-08	2.14E-08	3.08E-03	9.71E-07	2.82E-07	1.07E-04	3.38E-08	9.82E-09
2418	496018.25, 3859642.96	2.98E-03	9.41E-07	2.74E-07	2.00E-04	6.31E-08	1.84E-08	3.02E-03	9.52E-07	2.77E-07	2.31E-04	7.29E-08	2.12E-08	3.01E-03	9.51E-07	2.77E-07	1.06E-04	3.34E-08	9.72E-09
2419	496118.25, 3859642.96	3.00E-03	9.45E-07	2.75E-07	2.00E-04	6.32E-08	1.84E-08	3.03E-03	9.56E-07	2.78E-07	2.31E-04	7.30E-08	2.12E-08	3.03E-03	9.56E-07	2.78E-07	1.06E-04	3.35E-08	9.74E-09
2420	496218.25, 3859642.96	2.99E-03	9.44E-07	2.74E-07	2.00E-04	6.31E-08	1.84E-08	3.02E-03	9.54E-07	2.78E-07	2.31E-04	7.29E-08	2.12E-08	3.02E-03	9.54E-07	2.77E-07	1.06E-04	3.34E-08	9.72E-09
2421	496318.25, 3859642.96	2.94E-03	9.28E-07	2.70E-07	1.98E-04	6.26E-08	1.82E-08	2.97E-03	9.39E-07	2.73E-07	2.29E-04	7.23E-08	2.10E-08	2.97E-03	9.38E-07	2.73E-07	1.05E-04	3.32E-08	9.64E-09
2422	496418.25, 3859642.96	2.80E-03	8.82E-07	2.57E-07	1.93E-04	6.10E-08	1.77E-08	2.83E-03	8.93E-07	2.60E-07	2.23E-04	7.04E-08	2.05E-08	2.82E-03	8.91E-07	2.59E-07	1.02E-04	3.23E-08	9.39E-09
2423	495718.25, 3859742.96	3.26E-03	1.03E-06	2.99E-07	2.04E-04	6.44E-08	1.87E-08	3.30E-03	1.04E-06	3.03E-07	2.36E-04	7.44E-08	2.16E-08	3.31E-03	1.04E-06	3.04E-07	1.08E-04	3.41E-08	9.91E-09
2424	495818.25, 3859742.96	3.18E-03	1.00E-06	2.92E-07	2.02E-04	6.37E-08	1.85E-08	3.21E-03	1.01E-06	2.95E-07	2.33E-04	7.36E-08	2.14E-08	3.22E-03	1.02E-06	2.96E-07	1.07E-04	3.37E-08	9.80E-09
2425	495918.25, 3859742.96	3.12E-03	9.85E-07	2.86E-07	2.00E-04	6.31E-08	1.84E-08	3.15E-03	9.96E-07	2.90E-07	2.31E-04	7.29E-08	2.12E-08	3.16E-03	9.98E-07	2.90E-07	1.06E-04	3.34E-08	9.72E-09
2426	496018.25, 3859742.96	3.06E-03	9.65E-07	2.81E-07	1.98E-04	6.25E-08	1.82E-08	3.09E-03	9.76E-07	2.84E-07	2.29E-04	7.22E-08	2.10E-08	3.10E-03	9.77E-07	2.84E-07	1.05E-04	3.31E-08	9.62E-09
2427	496118.25, 3859742.96	3.06E-03	9.66E-07	2.81E-07	1.98E-04	6.24E-08	1.82E-08	3.09E-03	9.76E-07	2.84E-07	2.28E-04	7.21E-08	2.10E-08	3.10E-03	9.78E-07	2.84E-07	1.05E-04	3.30E-08	9.61E-09
2428	496218.25, 3859742.96	3.07E-03	9.70E-07	2.82E-07	1.98E-04	6.24E-08	1.82E-08	3.11E-03	9.81E-07	2.85E-07	2.28E-04	7.21E-08	2.10E-08	3.11E-03	9.83E-07	2.86E-07	1.05E-04	3.30E-08	9.61E-09
2429	496318.25, 3859742.96	2.94E-03	9.29E-07	2.70E-07	1.94E-04	6.12E-08	1.78E-08	2.98E-03	9.40E-07	2.73E-07	2.24E-04	7.07E-08	2.06E-08	2.98E-03	9.40E-07	2.73E-07	1.03E-04	3.24E-08	9.43E-09
2430	496418.25, 3859742.96	2.83E-03	8.93E-07	2.60E-07	1.91E-04	6.02E-08	1.75E-08	2.86E-03	9.03E-07	2.63E-07	2.20E-04	6.95E-08	2.02E-08	2.86E-03	9.03E-07	2.63E-07	1.01E-04	3.19E-08	9.26E-09
2431	495718.25, 3859842.96	3.34E-03	1.05E-06	3.06E-07	2.00E-04	6.32E-08	1.84E-08	3.37E-03	1.06E-06	3.09E-07	2.31E-04	7.30E-08	2.12E-08	3.39E-03	1.07E-06	3.11E-07	1.06E-04	3.34E-08	9.72E-09
2432	495818.25, 3859842.96	3.27E-03	1.03E-06	3.00E-07	1.99E-04	6.27E-08	1.82E-08	3.31E-03	1.04E-06	3.03E-07	2.30E-04	7.25E-08	2.11E-08	3.32E-03	1.05E-06	3.05E-07	1.05E-04	3.32E-08	9.65E-09
2433	495918.25, 3859842.96	3.21E-03	1.01E-06	2.94E-07	1.97E-04	6.22E-08	1.81E-08	3.24E-03	1.02E-06	2.97E-07	2.28E-04	7.19E-08	2.09E-08	3.25E-03	1.03E-06	2.99E-07	1.04E-04	3.29E-08	9.57E-09
2434	496018.25, 3859842.96	3.16E-03	9.99E-07	2.91E-07	1.96E-04	6.18E-08	1.80E-08	3.20E-03	1.01E-06	2.94E-07	2.26E-04	7.14E-08	2.08E-08	3.21E-03	1.01E-06	2.95E-07	1.04E-04	3.27E-08	9.51E-09
2435	496118.25, 3859842.96	3.18E-03	1.01E-06	2.92E-07	1.96E-04	6.18E-08	1.80E-08	3.22E-03	1.02E-06	2.95E-07	2.26E-04	7.14E-08	2.08E-08	3.23E-03	1.02E-06	2.97E-07	1.04E-04	3.27E-08	9.50E-09
2436	496218.25, 3859842.96	3.06E-03	9.66E-07	2.81E-07	1.93E-04	6.09E-08	1.77E-08	3.09E-03	9.76E-07	2.84E-07	2.23E-04	7.03E-08	2.05E-08	3.10E-03	9.79E-07	2.85E-07	1.02E-04	3.22E-08	9.37E-09
2437	496318.25, 3859842.96	2.84E-03	8.97E-07	2.61E-07	1.87E-04	5.90E-08	1.72E-08	2.87E-03	9.07E-07	2.64E-07	2.16E-04	6.82E-08	1.98E-08	2.87E-03	9.07E-07	2.64E-07	9.90E-05	3.13E-08	9.09E-09
2438	496418.25, 3859842.96	2.70E-03	8.52E-07	2.48E-07	1.82E-04	5.75E-08	1.67E-08	2.73E-03	8.62E-07	2.51E-07	2.10E-04	6.64E-08	1.93E-08	2.73E-03	8.61E-07	2.51E-07	9.65E-05	3.04E-08	8.86E-09

2439	495718.25, 3859942.96	3.39E-03	1.07E-06	3.11E-07	1.96E-04	6.17E-08	1.80E-08	3.42E-03	1.08E-06	3.14E-07	2.26E-04	7.13E-08	2.07E-08	3.45E-03	1.09E-06	3.17E-07	1.03E-04	3.26E-08	9.49E-09
2440	495818.25, 3859942.96	3.32E-03	1.05E-06	3.05E-07	1.94E-04	6.13E-08	1.78E-08	3.35E-03	1.06E-06	3.08E-07	2.24E-04	7.08E-08	2.06E-08	3.38E-03	1.07E-06	3.10E-07	1.03E-04	3.24E-08	9.43E-09
2441	495918.25, 3859942.96	3.27E-03	1.03E-06	3.00E-07	1.93E-04	6.09E-08	1.77E-08	3.30E-03	1.04E-06	3.03E-07	2.23E-04	7.04E-08	2.05E-08	3.32E-03	1.05E-06	3.05E-07	1.02E-04	3.22E-08	9.37E-09
2442	496018.25, 3859942.96	3.26E-03	1.03E-06	2.99E-07	1.92E-04	6.07E-08	1.77E-08	3.29E-03	1.04E-06	3.02E-07	2.22E-04	7.02E-08	2.04E-08	3.32E-03	1.05E-06	3.04E-07	1.02E-04	3.21E-08	9.34E-09
2443	496118.25, 3859942.96	3.16E-03	9.97E-07	2.90E-07	1.91E-04	6.01E-08	1.75E-08	3.19E-03	1.01E-06	2.93E-07	2.20E-04	6.95E-08	2.02E-08	3.21E-03	1.01E-06	2.95E-07	1.01E-04	3.18E-08	9.25E-09
2444	496218.25, 3859942.96	3.01E-03	9.49E-07	2.76E-07	1.88E-04	5.92E-08	1.72E-08	3.04E-03	9.59E-07	2.79E-07	2.17E-04	6.84E-08	1.99E-08	3.05E-03	9.63E-07	2.80E-07	9.92E-05	3.13E-08	9.11E-09
2445	496318.25, 3859942.96	2.86E-03	9.02E-07	2.62E-07	1.84E-04	5.80E-08	1.69E-08	2.89E-03	9.12E-07	2.65E-07	2.12E-04	6.70E-08	1.95E-08	2.89E-03	9.13E-07	2.66E-07	9.73E-05	3.07E-08	8.93E-09
2446	496418.25, 3859942.96	2.67E-03	8.42E-07	2.45E-07	1.78E-04	5.61E-08	1.63E-08	2.70E-03	8.52E-07	2.48E-07	2.05E-04	6.48E-08	1.89E-08	2.70E-03	8.52E-07	2.48E-07	9.42E-05	2.97E-08	8.64E-09
2447	496856.82, 3858864.83	2.16E-03	6.81E-07	1.98E-07	1.84E-04	5.81E-08	1.69E-08	2.19E-03	6.91E-07	2.01E-07	2.13E-04	6.71E-08	1.95E-08	2.15E-03	6.80E-07	1.98E-07	9.78E-05	3.09E-08	8.98E-09
2448	496956.82, 3858864.83	2.12E-03	6.70E-07	1.95E-07	1.82E-04	5.74E-08	1.67E-08	2.15E-03	6.80E-07	1.98E-07	2.10E-04	6.62E-08	1.93E-08	2.12E-03	6.68E-07	1.94E-07	9.66E-05	3.05E-08	8.87E-09
2449	497056.82, 3858864.83	2.09E-03	6.59E-07	1.92E-07	1.80E-04	5.67E-08	1.65E-08	2.12E-03	6.69E-07	1.94E-07	2.07E-04	6.54E-08	1.90E-08	2.08E-03	6.57E-07	1.91E-07	9.54E-05	3.01E-08	8.76E-09
2450	497156.82, 3858864.83	2.05E-03	6.46E-07	1.88E-07	1.77E-04	5.58E-08	1.62E-08	2.08E-03	6.56E-07	1.91E-07	2.04E-04	6.44E-08	1.87E-08	2.04E-03	6.44E-07	1.87E-07	9.38E-05	2.96E-08	8.62E-09
2451	497256.82, 3858864.83	2.03E-03	6.41E-07	1.86E-07	1.76E-04	5.56E-08	1.62E-08	2.06E-03	6.50E-07	1.89E-07	2.03E-04	6.42E-08	1.87E-08	2.02E-03	6.39E-07	1.86E-07	9.36E-05	2.95E-08	8.59E-09
2452	496856.82, 3858964.83	2.23E-03	7.04E-07	2.05E-07	1.87E-04	5.90E-08	1.72E-08	2.26E-03	7.14E-07	2.08E-07	2.16E-04	6.81E-08	1.98E-08	2.23E-03	7.03E-07	2.05E-07	9.93E-05	3.13E-08	9.12E-09
2453	496956.82, 3858964.83	2.18E-03	6.88E-07	2.00E-07	1.83E-04	5.79E-08	1.68E-08	2.21E-03	6.98E-07	2.03E-07	2.12E-04	6.69E-08	1.94E-08	2.18E-03	6.87E-07	2.00E-07	9.75E-05	3.08E-08	8.95E-09
2454	497056.82, 3858964.83	2.14E-03	6.76E-07	1.97E-07	1.81E-04	5.71E-08	1.66E-08	2.17E-03	6.86E-07	2.00E-07	2.09E-04	6.59E-08	1.92E-08	2.14E-03	6.75E-07	1.96E-07	9.61E-05	3.03E-08	8.82E-09
2455	497156.82, 3858964.83	2.10E-03	6.64E-07	1.93E-07	1.78E-04	5.63E-08	1.64E-08	2.13E-03	6.74E-07	1.96E-07	2.06E-04	6.50E-08	1.89E-08	2.10E-03	6.63E-07	1.93E-07	9.47E-05	2.99E-08	8.70E-09
2456	497256.82, 3858964.83	2.11E-03	6.67E-07	1.94E-07	1.80E-04	5.69E-08	1.66E-08	2.14E-03	6.77E-07	1.97E-07	2.08E-04	6.57E-08	1.91E-08	2.11E-03	6.65E-07	1.94E-07	9.57E-05	3.02E-08	8.79E-09
2457	496856.82, 3859064.83	2.28E-03	7.18E-07	2.09E-07	1.87E-04	5.90E-08	1.72E-08	2.31E-03	7.28E-07	2.12E-07	2.16E-04	6.82E-08	1.98E-08	2.28E-03	7.18E-07	2.09E-07	9.93E-05	3.14E-08	9.12E-09
2458	496956.82, 3859064.83	2.23E-03	7.05E-07	2.05E-07	1.84E-04	5.82E-08	1.69E-08	2.26E-03	7.14E-07	2.08E-07	2.13E-04	6.72E-08	1.95E-08	2.23E-03	7.04E-07	2.05E-07	9.79E-05	3.09E-08	8.99E-09
2459	497056.82, 3859064.83	2.20E-03	6.93E-07	2.02E-07	1.82E-04	5.75E-08	1.67E-08	2.23E-03	7.03E-07	2.04E-07	2.10E-04	6.64E-08	1.93E-08	2.20E-03	6.93E-07	2.02E-07	9.68E-05	3.05E-08	8.88E-09
2460	497156.82, 3859064.83	2.17E-03	6.83E-07	1.99E-07	1.80E-04	5.70E-08	1.66E-08	2.20E-03	6.93E-07	2.02E-07	2.08E-04	6.58E-08	1.91E-08	2.16E-03	6.83E-07	1.99E-07	9.58E-05	3.02E-08	8.80E-09
2461	497256.82, 3859064.83	2.19E-03	6.92E-07	2.01E-07	1.84E-04	5.80E-08	1.69E-08	2.22E-03	7.02E-07	2.04E-07	2.12E-04	6.70E-08	1.95E-08	2.19E-03	6.91E-07	2.01E-07	9.76E-05	3.08E-08	8.96E-09
2462	496856.82, 3859164.83	2.29E-03	7.24E-07	2.11E-07	1.85E-04	5.84E-08	1.70E-08	2.33E-03	7.34E-07	2.13E-07	2.14E-04	6.74E-08	1.96E-08	2.30E-03	7.25E-07	2.11E-07	9.82E-05	3.10E-08	9.02E-09
2463	496956.82, 3859164.83	2.25E-03	7.09E-07	2.06E-07	1.82E-04	5.75E-08	1.67E-08	2.28E-03	7.19E-07	2.09E-07	2.10E-04	6.64E-08	1.93E-08	2.25E-03	7.10E-07	2.06E-07	9.67E-05	3.05E-08	8.88E-09
2464	497056.82, 3859164.83	2.23E-03	7.02E-07	2.04E-07	1.81E-04	5.72E-08	1.66E-08	2.26E-03	7.12E-07	2.07E-07	2.09E-04	6.61E-08	1.92E-08	2.23E-03	7.03E-07	2.04E-07	9.62E-05	3.04E-08	8.83E-09
2465	497156.82, 3859164.83	2.23E-03	7.04E-07	2.05E-07	1.83E-04	5.77E-08	1.68E-08	2.26E-03	7.14E-07	2.08E-07	2.11E-04	6.66E-08	1.94E-08	2.23E-03	7.04E-07	2.05E-07	9.70E-05	3.06E-08	8.90E-09
2466	497256.82, 3859164.83	2.27E-03	7.17E-07	2.08E-07	1.87E-04	5.89E-08	1.71E-08	2.30E-03	7.27E-07	2.11E-07	2.16E-04	6.81E-08	1.98E-08	2.27E-03	7.17E-07	2.08E-07	9.91E-05	3.13E-08	9.10E-09
2467	496856.82, 3859264.83	2.29E-03	7.24E-07	2.10E-07	1.81E-04	5.73E-08	1.67E-08	2.32E-03	7.33E-07	2.13E-07	2.10E-04	6.61E-08	1.92E-08	2.30E-03	7.25E-07	2.11E-07	9.63E-05	3.04E-08	8.84E-09
2468	496956.82, 3859264.83	2.28E-03	7.20E-07	2.09E-07	1.81E-04	5.73E-08	1.67E-08	2.31E-03	7.29E-07	2.12E-07	2.10E-04	6.61E-08	1.92E-08	2.28E-03	7.21E-07	2.10E-07	9.63E-05	3.04E-08	8.84E-09
2469	497056.82, 3859264.83	2.29E-03	7.22E-07	2.10E-07	1.83E-04	5.78E-08	1.68E-08	2.32E-03	7.32E-07	2.13E-07	2.11E-04	6.67E-08	1.94E-08	2.29E-03	7.24E-07	2.10E-07	9.72E-05	3.07E-08	8.92E-09
2470	497156.82, 3859264.83	2.29E-03	7.24E-07	2.11E-07	1.84E-04	5.82E-08	1.69E-08	2.32E-03	7.34E-07	2.13E-07	2.13E-04	6.72E-08	1.95E-08	2.30E-03	7.25E-07	2.11E-07	9.78E-05	3.09E-08	8.98E-09
2471	497256.82, 3859264.83	2.33E-03	7.34E-07	2.14E-07	1.87E-04	5.91E-08	1.72E-08	2.36E-03	7.44E-07	2.16E-07	2.16E-04	6.83E-08	1.99E-08	2.33E-03	7.35E-07	2.14E-07	9.94E-05	3.14E-08	9.13E-09
2472	497088.92, 3858620.93	1.92E-03	6.06E-07	1.76E-07	1.72E-04	5.42E-08	1.58E-08	1.95E-03	6.15E-07	1.79E-07	1.98E-04	6.25E-08	1.82E-08	1.91E-03	6.02E-07	1.75E-07	9.13E-05	2.88E-08	8.38E-09
2473	497138.92, 3858620.93	1.91E-03	6.04E-07	1.76E-07	1.72E-04	5.42E-08	1.58E-08	1.94E-03	6.13E-07	1.78E-07	1.98E-04	6.25E-08	1.82E-08	1.90E-03	6.00E-07	1.75E-07	9.12E-05	2.88E-08	8.38E-09
2474	497188.92, 3858620.93	1.89E-03	5.98E-07	1.74E-07	1.70E-04	5.36E-08	1.56E-08	1.92E-03	6.07E-07	1.77E-07	1.96E-04	6.18E-08	1.80E-08	1.88E-03	5.95E-07	1.73E-07	9.02E-05	2.85E-08	8.28E-09
2475	497238.92, 3858620.93	1.88E-03	5.95E-07	1.73E-07	1.69E-04	5.34E-08	1.55E-08	1.91E-03	6.03E-07	1.76E-07	1.95E-04	6.16E-08	1.79E-08	1.87E-03	5.91E-07	1.72E-07	8.99E-05	2.84E-08	8.25E-09
2476	497088.92, 3858670.93	1.93E-03	6.08E-07	1.77E-07	1.71E-04	5.38E-08	1.57E-08	1.96E-03	6.18E-07	1.80E-07	1.97E-04	6.21E-08	1.81E-08	1.92E-03	6.06E-07	1.76E-07	9.07E-05	2.86E-08	8.32E-09
2477	497138.92, 3858670.93	1.93E-03	6.09E-07	1.77E-07	1.71E-04	5.41E-08	1.57E-08	1.96E-03	6.19E-07	1.80E-07	1.98E-04	6.25E-08	1.82E-08	1.92E-03	6.06E-07	1.76E-07	9.11E-05	2.88E-08	8.37E-09
2478	497188.92, 3858670.93	1.91E-03	6.04E-07	1.76E-07	1.70E-04	5.37E-08	1.56E-08	1.94E-03	6.13E-07	1.78E-07	1.96E-04	6.20E-08	1.80E-08	1.90E-03	6.01E-07	1.75E-07	9.04E-05	2.85E-08	8.30E-09
2479	497238.92, 3858670.93	1.91E-03	6.02E-07	1.75E-07	1.70E-04	5.37E-08	1.56E-08	1.94E-03	6.11E-07	1.78E-07	1.96E-04	6.19E-08	1.80E-08	1.90E-03	5.99E-07	1.74E-07	9.04E-05	2.85E-08	8.30E-09
2480	497088.92, 3858720.93	1.98E-03	6.23E-07	1.81E-07	1.74E-04	5.49E-08	1.60E-08	2.00E-03	6.33E-07	1.84E-07	2.01E-04	6.34E-08	1.84E-08	1.97E-03	6.21E-07	1.81E-07	9.25E-05	2.92E-08	8.49E-09
2481	497138.92, 3858720.93	1.93E-03	6.10E-07	1.77E-07	1.70E-04	5.36E-08	1.56E-08	1.96E-03	6.19E-07	1.80E-07	1.96E-04	6.18E-08	1.80E-08	1.92E-03	6.07E-07	1.77E-07	9.02E-05	2.85E-08	8.28E-09
2482	497188.92, 3858720.93	1.92E-03	6.06E-07	1.76E-07	1.69E-04	5.33E-08	1.55E-08	1.95E-03	6.15E-07	1.79E-07	1.95E-04	6.16E-08	1.79E-08	1.91E-03	6.04E-07	1.76E-07	8.98E-05	2.83E-08	8.25E-09
2483	497238.92, 3858720.93	1.94E-03	6.12E-07	1.78E-07	1.72E-04	5.42E-08	1.58E-08	1.97E-03	6.21E-07	1.81E-07	1.98E-04	6.25E-08	1.82E-08	1.93E-03	6.09E-07	1.77E-07	9.12E-05	2.88E-08	8.37E-09
2484	497088.92, 3858770.93	2.00E-03	6.30E-07	1.83E-07	1.74E-04	5.50E-08	1.60E-08	2.03E-03	6.39E-07	1.86E-07	2.01E-04	6.35E-08	1.85E-08	1.99E-03	6.28E-07	1.83E-07	9.26E-05	2.92E-08	8.50E-09
2485	497138.92, 3858770.93	1.98E-03	6.24E-07	1.81E-07	1.73E-04	5.45E-08	1.59E-08	2.01E-03	6.33E-07	1.84E-07	1.99E-04	6.30E-08	1.83E-08	1.97E-03	6.21E-07	1.81E-07	9.18E-05	2.90E-08	8.43E-09
2486	497188.92, 3858770.93	1.96E-03	6.20E-07	1.80E-07	1.72E-04	5.44E-08	1.58E-08	1.99E-03	6.29E-07	1.83E-07	1.99E-04	6.28E-08	1.83E-08	1.96E-03	6.17E-07	1.80E-07	9.16E-05	2.89E-08	8.41E-09
2487	497238.92, 3858770.93	1.97E-03	6.21E-07	1.81E-07	1.73E-04	5.46E-08	1.59E-08	2.00E-03	6.30E-07	1.83E-07	2.00E-04	6.30E-08	1.83E-08	1.96E-03	6.18E-07	1.80E-07	9.19E-05	2.90E-08	8.44E-09
2488	497396.65, 3858622.63	1.93E-03	6.10E-07	1.78E-07	1.77E-04	5.58E-08	1.62E-08	1.96E-03	6.20E-07	1.80E-07	2.04E-04	6.44E-08	1.87E-08	1.92E-03	6.06E-07	1.76E-07	9.39E-05	2.96E-08	8.62E-09
2489	497496.65, 3858622.63	1.96E-03	6.19E-07	1.80E-07	1.81E-04	5.70E-08	1.66E-08	1.99E-03	6.28E-07	1.83E-07	2.09E-04	6.58E-08	1.91E-08	1.95E-03	6.14E-07	1.79E-07	9.59E-05	3.03E-08	8.81E-09
2490	497596.65, 3858622.63	2.02E-03	6.38E-07	1.86E-07	1.88E-04	5.94E-08	1.73E-08	2.05E-03	6.48E-07	1.88E-07	2.17E-04	6.86E-08	2.00E-08	2.01E-03	6.33E-07	1.84E-07	1.00E-04	3.16E-08	9.18E-09
2491	497696.65, 3858622.63	2.03E-03	6.42E-07	1.87E-07	1.90E-04	6.00E-08	1.74E-08	2.06E-03	6.52E-07	1.90E-07	2.19E-04	6.92E-08	2.01E-08	2.02E-03	6.37E-07	1.85E-07	1.01E-04	3.18E-08	9.26E-09
2492	497796.65, 3858622.63	2.07E-03	6.52E-07	1.90E-07	1.94E-04	6.13E-08	1.78E-08	2.10E-03	6.63E-07	1.93E-07	2.24E-04	7.08E-08	2.06E-08	2.05E-03	6.47E-07	1.88E-07	1.03E-04	3.25E-08	9.46E-09
2493	497896.65, 3858622.63	2.10E-03	6.64E-07	1.93E-07	1.98E-04	6.26E-08	1.82E-08	2.14E-03	6.75E-07	1.96E-07	2.29E-04	7.23E-08	2.10E-08	2.09E-03	6.59E-07	1.92E-07	1.05E-04	3.32E-08	9.66E-09
2494	497396.65, 3858722.63	2.00E-03	6.32E-07	1.84E-07	1.80E-04	5.69E-08	1.65E-08	2.03E-03	6.41E-07	1.86E-07	2.08E-04	6.57E-08	1.91E-08	1.99E-03	6.28E-07	1.83E-07	9.57E-05	3.02E-08	8.78E-09
2495	497496.65, 3858722.63	2.03E-03	6.41E-07	1.86E-07	1.84E-04	5.81E-08	1.69E-08	2.06E-03	6.51E-07	1.89E-07	2.13E-04	6.71E-08	1.95E-08	2.02E-03	6.37E-07	1.85E-07	9.78E-05	3.09E-08	8.98E-09
2496	497596.65, 3858722.63	2.09E-03	6.59E-07	1.92E-07	1.91E-04	6.02E-08	1.75E-08	2.12E-03	6.69E-07	1.95E-07	2.20E-04	6.96E-08	2.02E-08	2.07E-03	6.55E-07	1.90E-07	1.01E-04	3.20E-08	9.30E-09
2497	497696.65, 3858722.63	2.12E-03	6.68E-07	1.94E-07	1.95E-04	6.14E-08	1.79E-08	2.15E-03	6.79E-07	1.97E-07	2.25E-04	7.09E-08	2.06E-08	2.10E-03	6.64E-07	1.93E-07	1.03E-04	3.26E-08	9.47E-09
2498	497796.65, 3858722.63	2.13E-03	6.72E-07	1.95E-07	1.96E-04	6.20E-08	1.80E-08	2.16E-03	6.82E-07	1.99E-07	2.27E-04	7.16E-08	2.08E-08	2.11E-03	6.67E-07	1.94E-07	1.04E-04	3.29E-08	9.56E-09
2499	497896.65, 3858722.63	2.15E-03	6.80E-07	1.98E-07	1.99E-04	6.28E-08	1.83E-08	2.19E-03	6.90E-07	2.01E-07	2.30E-04	7.26E-08	2.11E-08	2.14E-03	6.75E-07	1.96E-07	1.06E-04	3.33E-08	9.69E-09
2500	497396.65, 3858822.63	2.05E-03	6.48E-07	1.89E-07	1.82E-04	5.73E-08	1.67E-08	2.08E-03	6.58E-07	1.91E-07	2.10E-04	6.61E-08	1.92E-08	2.05E-03	6.46E-07	1.88E-07	9.64E-05	3.04E-08	8.85E-09
2501	497496.65, 3858822.63	2.08E-03	6.56E-07	1.91E-07	1.85E-04	5.84E-08	1.70E-08	2.11E-03	6.66E-07	1.94E-07	2.13E-04	6.74E-08	1.96E-08	2.07E-03	6.53E-07	1.90E-07	9.81E-05	3.10E-08	9.01E-09
2502	497596.65, 3858822.63	2.15E-03	6.79E-07	1.98E-07	1.93E-04	6.09E-08	1.77E-08	2.18E-03	6.89E-07	2.01E-07	2.23E-04	7.04E-08	2.05E-08	2.14E-03	6.76E-07	1.97E-07	1.02E-04	3.23E-08	9.41E-09
2503	497696.65, 3858822.63	2.17E-03	6.85E-07	1.99E-07	1.95E-04	6.15E-08	1.79E-08	2.20E-03	6.95E-07	2.02E-07	2.25E-04	7.11E-08	2.07E-08	2.16E-03	6.81E-07	1.98E-07	1.03E-04	3.26E-08	9.50E-09
2504	497796.65, 3858822.63	2.18E-03	6.89E-07	2.00E-07	1.97E-04	6.22E-08	1.81E-08	2.22E-03	6.99E-07	2.03E-07	2.28E-04	7.19E-08	2.09E-08	2.17E-03	6.85E-07	1.99E-07	1.05E-04	3.30E-08	9.60E-09

2505 497896.65, 3858822.63	2.23E-03	7.04E-07	2.05E-07	2.01E-04	6.35E-08	1.85E-08	2.26E-03	7.15E-07	2.08E-07	2.33E-04	7.34E-08	2.13E-08	2.22E-03	7.00E-07	2.04E-07	1.07E-04	3.37E-08	9.80E-09
2506 497396.65, 3858922.63	2.11E-03	6.66E-07	1.94E-07	1.83E-04	5.77E-08	1.68E-08	2.14E-03	6.75E-07	1.96E-07	2.11E-04	6.67E-08	1.94E-08	2.10E-03	6.64E-07	1.93E-07	9.71E-05	3.07E-08	8.92E-09
2507 497496.65, 3858922.63	2.17E-03	6.85E-07	1.99E-07	1.89E-04	5.98E-08	1.74E-08	2.20E-03	6.95E-07	2.02E-07	2.19E-04	6.90E-08	2.01E-08	2.16E-03	6.83E-07	1.99E-07	1.00E-04	3.17E-08	9.23E-09
2508 497596.65, 3858922.63	2.16E-03	6.82E-07	1.98E-07	1.89E-04	5.98E-08	1.74E-08	2.19E-03	6.92E-07	2.01E-07	2.19E-04	6.90E-08	2.01E-08	2.15E-03	6.79E-07	1.98E-07	1.00E-04	3.17E-08	9.22E-09
2509 497696.65, 3858922.63	2.24E-03	7.06E-07	2.05E-07	1.97E-04	6.21E-08	1.81E-08	2.27E-03	7.17E-07	2.08E-07	2.27E-04	7.17E-08	2.09E-08	2.23E-03	7.03E-07	2.05E-07	1.04E-04	3.29E-08	9.58E-09
2510 497796.65, 3858922.63	2.27E-03	7.17E-07	2.08E-07	2.00E-04	6.30E-08	1.83E-08	2.30E-03	7.27E-07	2.12E-07	2.30E-04	7.27E-08	2.12E-08	2.26E-03	7.14E-07	2.08E-07	1.06E-04	3.34E-08	9.72E-09
2511 497896.65, 3858922.63	2.34E-03	7.39E-07	2.15E-07	2.05E-04	6.47E-08	1.88E-08	2.38E-03	7.50E-07	2.18E-07	2.37E-04	7.48E-08	2.17E-08	2.33E-03	7.36E-07	2.14E-07	1.09E-04	3.43E-08	9.99E-09
2512 497364.44, 3858201.52	1.77E-03	5.58E-07	1.62E-07	1.69E-04	5.34E-08	1.55E-08	1.80E-03	5.67E-07	1.65E-07	1.95E-04	6.16E-08	1.79E-08	1.75E-03	5.52E-07	1.61E-07	9.01E-05	2.84E-08	8.27E-09
2513 497414.44, 3858201.52	1.78E-03	5.63E-07	1.64E-07	1.72E-04	5.43E-08	1.58E-08	1.81E-03	5.72E-07	1.66E-07	1.98E-04	6.26E-08	1.82E-08	1.77E-03	5.57E-07	1.62E-07	9.16E-05	2.89E-08	8.41E-09
2514 497464.44, 3858201.52	1.79E-03	5.66E-07	1.65E-07	1.74E-04	5.48E-08	1.59E-08	1.82E-03	5.76E-07	1.67E-07	2.00E-04	6.32E-08	1.84E-08	1.77E-03	5.60E-07	1.63E-07	9.24E-05	2.92E-08	8.48E-09
2515 497514.44, 3858201.52	1.79E-03	5.66E-07	1.65E-07	1.74E-04	5.48E-08	1.59E-08	1.82E-03	5.75E-07	1.67E-07	2.00E-04	6.32E-08	1.84E-08	1.77E-03	5.60E-07	1.63E-07	9.24E-05	2.92E-08	8.48E-09
2516 497564.44, 3858201.52	1.79E-03	5.63E-07	1.64E-07	1.73E-04	5.46E-08	1.59E-08	1.81E-03	5.73E-07	1.67E-07	1.99E-04	6.30E-08	1.83E-08	1.77E-03	5.57E-07	1.62E-07	9.20E-05	2.90E-08	8.45E-09
2517 497614.44, 3858201.52	1.79E-03	5.64E-07	1.64E-07	1.73E-04	5.47E-08	1.59E-08	1.81E-03	5.73E-07	1.67E-07	2.00E-04	6.31E-08	1.84E-08	1.77E-03	5.57E-07	1.62E-07	9.22E-05	2.91E-08	8.47E-09
2518 497364.44, 3858251.52	1.80E-03	5.69E-07	1.65E-07	1.72E-04	5.43E-08	1.58E-08	1.83E-03	5.78E-07	1.68E-07	1.99E-04	6.27E-08	1.82E-08	1.78E-03	5.63E-07	1.64E-07	9.17E-05	2.89E-08	8.41E-09
2519 497414.44, 3858251.52	1.82E-03	5.74E-07	1.67E-07	1.75E-04	5.51E-08	1.60E-08	1.85E-03	5.84E-07	1.70E-07	2.02E-04	6.36E-08	1.85E-08	1.80E-03	5.68E-07	1.65E-07	9.30E-05	2.93E-08	8.54E-09
2520 497464.44, 3858251.52	1.81E-03	5.70E-07	1.66E-07	1.73E-04	5.47E-08	1.59E-08	1.83E-03	5.79E-07	1.68E-07	2.00E-04	6.31E-08	1.84E-08	1.79E-03	5.64E-07	1.64E-07	9.23E-05	2.91E-08	8.47E-09
2521 497514.44, 3858251.52	1.79E-03	5.64E-07	1.64E-07	1.72E-04	5.41E-08	1.57E-08	1.82E-03	5.73E-07	1.67E-07	1.98E-04	6.25E-08	1.82E-08	1.77E-03	5.58E-07	1.62E-07	9.13E-05	2.88E-08	8.38E-09
2522 497564.44, 3858251.52	1.78E-03	5.62E-07	1.63E-07	1.71E-04	5.40E-08	1.57E-08	1.81E-03	5.71E-07	1.66E-07	1.97E-04	6.23E-08	1.81E-08	1.76E-03	5.56E-07	1.62E-07	9.10E-05	2.87E-08	8.36E-09
2523 497614.44, 3858251.52	1.77E-03	5.60E-07	1.63E-07	1.71E-04	5.38E-08	1.57E-08	1.80E-03	5.69E-07	1.65E-07	1.97E-04	6.21E-08	1.81E-08	1.76E-03	5.54E-07	1.61E-07	9.08E-05	2.86E-08	8.33E-09
2524 497364.44, 3858301.52	1.82E-03	5.73E-07	1.67E-07	1.73E-04	5.45E-08	1.59E-08	1.85E-03	5.83E-07	1.69E-07	1.99E-04	6.29E-08	1.83E-08	1.80E-03	5.68E-07	1.65E-07	9.19E-05	2.90E-08	8.44E-09
2525 497414.44, 3858301.52	1.83E-03	5.77E-07	1.68E-07	1.74E-04	5.50E-08	1.60E-08	1.86E-03	5.86E-07	1.70E-07	2.01E-04	6.34E-08	1.85E-08	1.81E-03	5.71E-07	1.66E-07	9.27E-05	2.93E-08	8.51E-09
2526 497464.44, 3858301.52	1.81E-03	5.71E-07	1.66E-07	1.72E-04	5.44E-08	1.58E-08	1.84E-03	5.80E-07	1.69E-07	1.99E-04	6.28E-08	1.83E-08	1.79E-03	5.65E-07	1.64E-07	9.17E-05	2.89E-08	8.42E-09
2527 497514.44, 3858301.52	1.80E-03	5.67E-07	1.65E-07	1.71E-04	5.40E-08	1.57E-08	1.82E-03	5.76E-07	1.68E-07	1.98E-04	6.23E-08	1.81E-08	1.78E-03	5.61E-07	1.63E-07	9.11E-05	2.87E-08	8.36E-09
2528 497564.44, 3858301.52	1.78E-03	5.61E-07	1.63E-07	1.69E-04	5.34E-08	1.55E-08	1.81E-03	5.70E-07	1.66E-07	1.95E-04	6.16E-08	1.79E-08	1.76E-03	5.55E-07	1.62E-07	9.01E-05	2.84E-08	8.27E-09
2529 497614.44, 3858301.52	1.77E-03	5.58E-07	1.62E-07	1.69E-04	5.32E-08	1.55E-08	1.80E-03	5.67E-07	1.65E-07	1.95E-04	6.14E-08	1.79E-08	1.75E-03	5.53E-07	1.61E-07	8.98E-05	2.83E-08	8.24E-09
2530 497364.44, 3858351.52	1.84E-03	5.80E-07	1.69E-07	1.73E-04	5.48E-08	1.59E-08	1.87E-03	5.89E-07	1.71E-07	2.00E-04	6.32E-08	1.84E-08	1.82E-03	5.74E-07	1.67E-07	9.23E-05	2.91E-08	8.47E-09
2531 497414.44, 3858351.52	1.82E-03	5.76E-07	1.67E-07	1.72E-04	5.44E-08	1.58E-08	1.85E-03	5.85E-07	1.70E-07	1.99E-04	6.28E-08	1.83E-08	1.81E-03	5.70E-07	1.66E-07	9.17E-05	2.89E-08	8.42E-09
2532 497464.44, 3858351.52	1.82E-03	5.74E-07	1.67E-07	1.72E-04	5.43E-08	1.58E-08	1.85E-03	5.83E-07	1.69E-07	1.98E-04	6.26E-08	1.82E-08	1.80E-03	5.68E-07	1.65E-07	9.15E-05	2.89E-08	8.40E-09
2533 497514.44, 3858351.52	1.81E-03	5.70E-07	1.66E-07	1.71E-04	5.40E-08	1.57E-08	1.84E-03	5.79E-07	1.68E-07	1.97E-04	6.23E-08	1.81E-08	1.79E-03	5.65E-07	1.64E-07	9.10E-05	2.87E-08	8.35E-09
2534 497564.44, 3858351.52	1.78E-03	5.63E-07	1.64E-07	1.69E-04	5.32E-08	1.55E-08	1.81E-03	5.72E-07	1.66E-07	1.95E-04	6.14E-08	1.79E-08	1.77E-03	5.58E-07	1.62E-07	8.98E-05	2.83E-08	8.24E-09
2535 497614.44, 3858351.52	1.78E-03	5.61E-07	1.63E-07	1.68E-04	5.31E-08	1.54E-08	1.80E-03	5.70E-07	1.66E-07	1.94E-04	6.13E-08	1.78E-08	1.76E-03	5.55E-07	1.62E-07	8.95E-05	2.82E-08	8.21E-09
2536 497364.44, 3858401.52	1.84E-03	5.80E-07	1.69E-07	1.72E-04	5.43E-08	1.58E-08	1.87E-03	5.89E-07	1.71E-07	1.99E-04	6.27E-08	1.82E-08	1.82E-03	5.75E-07	1.67E-07	9.16E-05	2.89E-08	8.41E-09
2537 497414.44, 3858401.52	1.83E-03	5.77E-07	1.68E-07	1.71E-04	5.41E-08	1.57E-08	1.86E-03	5.86E-07	1.70E-07	1.98E-04	6.24E-08	1.82E-08	1.81E-03	5.72E-07	1.66E-07	9.12E-05	2.88E-08	8.37E-09
2538 497464.44, 3858401.52	1.81E-03	5.73E-07	1.67E-07	1.70E-04	5.37E-08	1.56E-08	1.84E-03	5.82E-07	1.69E-07	1.96E-04	6.20E-08	1.80E-08	1.80E-03	5.68E-07	1.65E-07	9.05E-05	2.86E-08	8.31E-09
2539 497514.44, 3858401.52	1.81E-03	5.70E-07	1.66E-07	1.70E-04	5.35E-08	1.56E-08	1.83E-03	5.79E-07	1.68E-07	1.96E-04	6.18E-08	1.80E-08	1.79E-03	5.65E-07	1.64E-07	9.02E-05	2.85E-08	8.28E-09
2540 497564.44, 3858401.52	1.82E-03	5.74E-07	1.67E-07	1.71E-04	5.41E-08	1.57E-08	1.85E-03	5.83E-07	1.70E-07	1.98E-04	6.24E-08	1.82E-08	1.80E-03	5.68E-07	1.65E-07	9.12E-05	2.88E-08	8.37E-09
2541 497614.44, 3858401.52	1.83E-03	5.78E-07	1.68E-07	1.74E-04	5.49E-08	1.60E-08	1.86E-03	5.87E-07	1.71E-07	2.01E-04	6.33E-08	1.84E-08	1.81E-03	5.73E-07	1.67E-07	9.25E-05	2.92E-08	8.49E-09
2542 493478.11, 3860497.94	4.98E-03	1.57E-06	4.57E-07	1.78E-04	5.62E-08	1.63E-08	5.01E-03	1.58E-06	4.60E-07	2.06E-04	6.50E-08	1.89E-08	5.14E-03	1.62E-06	4.72E-07	9.38E-05	2.96E-08	8.61E-09
2543 493528.11, 3860497.94	4.93E-03	1.56E-06	4.53E-07	1.79E-04	5.64E-08	1.64E-08	4.96E-03	1.57E-06	4.56E-07	2.06E-04	6.51E-08	1.89E-08	5.09E-03	1.61E-06	4.67E-07	9.41E-05	2.97E-08	8.64E-09
2544 493478.11, 3860547.94	4.89E-03	1.54E-06	4.49E-07	1.73E-04	5.46E-08	1.59E-08	4.92E-03	1.55E-06	4.51E-07	2.00E-04	6.31E-08	1.84E-08	5.05E-03	1.59E-06	4.63E-07	9.11E-05	2.88E-08	8.37E-09
2545 493528.11, 3860547.94	4.85E-03	1.53E-06	4.45E-07	1.73E-04	5.47E-08	1.59E-08	4.88E-03	1.54E-06	4.48E-07	2.01E-04	6.33E-08	1.84E-08	5.01E-03	1.58E-06	4.60E-07	9.14E-05	2.88E-08	8.39E-09
2546 493478.11, 3860597.94	4.80E-03	1.51E-06	4.41E-07	1.68E-04	5.30E-08	1.54E-08	4.83E-03	1.52E-06	4.43E-07	1.94E-04	6.13E-08	1.78E-08	4.96E-03	1.56E-06	4.55E-07	8.85E-05	2.79E-08	8.13E-09
2547 493528.11, 3860597.94	4.76E-03	1.50E-06	4.37E-07	1.69E-04	5.32E-08	1.55E-08	4.79E-03	1.51E-06	4.39E-07	1.95E-04	6.15E-08	1.79E-08	4.91E-03	1.55E-06	4.51E-07	8.88E-05	2.80E-08	8.15E-09
2548 493561.88, 3860524.64	4.86E-03	1.53E-06	4.46E-07	1.76E-04	5.56E-08	1.62E-08	4.89E-03	1.54E-06	4.48E-07	2.04E-04	6.43E-08	1.87E-08	5.01E-03	1.58E-06	4.60E-07	9.28E-05	2.93E-08	8.52E-09
2549 493591.88, 3860524.64	4.83E-03	1.52E-06	4.43E-07	1.77E-04	5.57E-08	1.62E-08	4.86E-03	1.53E-06	4.46E-07	2.04E-04	6.44E-08	1.87E-08	4.98E-03	1.57E-06	4.57E-07	9.31E-05	2.94E-08	8.54E-09
2550 493561.88, 3860554.64	4.81E-03	1.52E-06	4.41E-07	1.73E-04	5.47E-08	1.59E-08	4.84E-03	1.53E-06	4.44E-07	2.00E-04	6.32E-08	1.84E-08	4.96E-03	1.57E-06	4.56E-07	9.12E-05	2.88E-08	8.37E-09
2551 493591.88, 3860554.64	4.78E-03	1.51E-06	4.38E-07	1.74E-04	5.48E-08	1.60E-08	4.81E-03	1.52E-06	4.41E-07	2.01E-04	6.34E-08	1.84E-08	4.93E-03	1.56E-06	4.53E-07	9.15E-05	2.89E-08	8.40E-09
2552 492880.5, 3860293.11	6.07E-03	1.92E-06	5.58E-07	1.90E-04	6.01E-08	1.75E-08	6.11E-03	1.93E-06	5.61E-07	2.20E-04	6.94E-08	2.02E-08	6.29E-03	1.98E-06	5.77E-07	1.00E-04	3.17E-08	9.22E-09
2553 492930.5, 3860293.11	6.00E-03	1.89E-06	5.51E-07	1.92E-04	6.05E-08	1.76E-08	6.03E-03	1.90E-06	5.54E-07	2.21E-04	6.99E-08	2.03E-08	6.21E-03	1.96E-06	5.70E-07	1.01E-04	3.19E-08	9.28E-09
2554 492980.5, 3860293.11	5.92E-03	1.87E-06	5.44E-07	1.93E-04	6.08E-08	1.77E-08	5.96E-03	1.88E-06	5.47E-07	2.23E-04	7.03E-08	2.05E-08	6.13E-03	1.93E-06	5.63E-07	1.02E-04	3.21E-08	9.34E-09
2555 493030.5, 3860293.11	5.82E-03	1.84E-06	5.34E-07	1.95E-04	6.15E-08	1.79E-08	5.85E-03	1.85E-06	5.37E-07	2.25E-04	7.11E-08	2.07E-08	6.01E-03	1.90E-06	5.52E-07	1.03E-04	3.24E-08	9.43E-09
2556 493080.5, 3860293.11	5.67E-03	1.79E-06	5.20E-07	1.97E-04	6.21E-08	1.81E-08	5.70E-03	1.80E-06	5.24E-07	2.27E-04	7.17E-08	2.09E-08	5.86E-03	1.85E-06	5.38E-07	1.04E-04	3.27E-08	9.52E-09
2557 493130.5, 3860293.11	5.67E-03	1.79E-06	5.20E-07	1.97E-04	6.21E-08	1.81E-08	5.70E-03	1.80E-06	5.23E-07	2.27E-04	7.17E-08	2.09E-08	5.85E-03	1.85E-06	5.37E-07	1.04E-04	3.27E-08	9.52E-09
2558 493180.5, 3860293.11	5.64E-03	1.78E-06	5.18E-07	1.97E-04	6.20E-08	1.80E-08	5.67E-03	1.79E-06	5.21E-07	2.27E-04	7.17E-08	2.09E-08	5.83E-03	1.84E-06	5.35E-07	1.04E-04	3.27E-08	9.51E-09
2559 493230.5, 3860293.11	5.59E-03	1.76E-06	5.13E-07	1.97E-04	6.22E-08	1.81E-08	5.62E-03	1.77E-06	5.16E-07	2.28E-04	7.19E-08	2.09E-08	5.77E-03	1.82E-06	5.30E-07	1.04E-04	3.28E-08	9.53E-09
2560 493280.5, 3860293.11	5.50E-03	1.74E-06	5.05E-07	1.98E-04	6.25E-08	1.82E-08	5.54E-03	1.75E-06	5.08E-07	2.29E-04	7.22E-08	2.10E-08	5.68E-03	1.79E-06	5.21E-07	1.04E-04	3.29E-08	9.58E-09
2561 493330.5, 3860293.11	5.43E-03	1.71E-06	4.99E-07	1.99E-04	6.27E-08	1.82E-08	5.47E-03	1.73E-06	5.02E-07	2.30E-04	7.25E-08	2.11E-08	5.61E-03	1.77E-06	5.15E-07	1.05E-04	3.30E-08	9.61E-09
2562 493380.5, 3860293.11	5.37E-03	1.69E-06	4.93E-07	1.99E-04	6.28E-08	1.83E-08	5.40E-03	1.71E-06	4.96E-07	2.30E-04	7.26E-08	2.11E-08	5.54E-03	1.75E-06	5.09E-07	1.05E-04	3.31E-08	9.63E-09
2563 492880.5, 3860343.11	5.97E-03	1.88E-06	5.48E-07	1.84E-04	5.82E-08	1.69E-08	6.00E-03	1.89E-06	5.51E-07	2.13E-04	6.72E-08	1.96E-08	6.18E-03	1.95E-06	5.67E-07	9.72E-05	3.07E-08	8.93E-09
2564 492930.5, 3860343.11	5.90E-03	1.86E-06	5.42E-07	1.85E-04	5.85E-08	1.70E-08	5.93E-03	1.87E-06	5.45E-07	2.14E-04	6.76E-08	1.97E-08	6.11E-03	1.93E-06	5.61E-07	9.78E-05	3.09E-08	8.98E-09
2565 492980.5, 3860343.11	5.81E-03	1.83E-06	5.33E-07	1.88E-04	5.92E-08	1.72E-08	5.84E-03	1.84E-06	5.36E-07	2.17E-04	6.85E-08	1.99E-08	6.01E-03	1.90E-06	5.52E-07	9.90E-05	3.12E-08	9.09E-09
2566 493030.5, 3860343.11	5.74E-03	1.81E-06	5.27E-07	1.89E-04	5.95E-08	1.73E-08	5.77E-03	1.82E-06	5.30E-07	2.18E-04	6.88E-08	2.00E-08	5.94E-03	1.87E-06	5.45E-07	9.95E-05	3.14E-08	9.13E-09
2567 493080.5, 3860343.11	5.63E-03	1.78E-06	5.17E-07	1.91E-04	6.01E-08	1.75E-08	5.66E-03	1.79E-06	5.20E-07	2.20E-04	6.95E-08	2.02E-08	5.82E-03	1.84E-06	5.34E-07	1.00E-04	3.17E-08	9.22E-09
2568 493130.5, 3860343.11	5.58E-03	1.76E-06	5.13E-07	1.91E-04	6.03E-08	1.75E-08	5.62E-03	1.77E-06	5.16E-07	2.21E-04	6.97E-08	2.03E-08	5.77E-03	1.82E-06	5.30E-07	1.01E-04	3.18E-08	9.25E-09
2569 493180.5, 3860343.11	5.56E-03	1.75E-06	5.10E-07	1.91E-04	6.03E-08	1.75E-08	5.59E-03	1.76E-06	5.13E-07	2.21E-04	6.96E-08	2.03E-08	5.75E-03	1.81E-06	5.27E-07	1.01E-04	3.18E-08	9.24E-09
2570 493230.5, 3860343.11	5.50E-03	1.74E-06	5.05E-07	1.91E-04	6.04E-08	1.76E-08	5.54E-03	1.75E-06	5.08E-07	2.21E-04	6.99E-08	2.03E-08	5.69E-03	1.79E-06	5.22E-07	1.01E-04	3.19E-08	9.27E-09

2571 493280.5, 3860343.11	5.43E-03	1.71E-06	4.98E-07	1.93E-04	6.08E-08	1.77E-08	5.46E-03	1.72E-06	5.01E-07	2.23E-04	7.03E-08	2.04E-08	5.60E-03	1.77E-06	5.14E-07	1.02E-04	3.21E-08	9.32E-09
2572 493330.5, 3860343.11	5.36E-03	1.69E-06	4.92E-07	1.93E-04	6.11E-08	1.78E-08	5.39E-03	1.70E-06	4.95E-07	2.24E-04	7.06E-08	2.05E-08	5.53E-03	1.74E-06	5.08E-07	1.02E-04	3.22E-08	9.36E-09
2573 493380.5, 3860343.11	5.30E-03	1.67E-06	4.86E-07	1.94E-04	6.12E-08	1.78E-08	5.33E-03	1.68E-06	4.89E-07	2.24E-04	7.08E-08	2.06E-08	5.47E-03	1.73E-06	5.02E-07	1.02E-04	3.23E-08	9.39E-09
2574 492880.5, 3860393.11	5.86E-03	1.85E-06	5.38E-07	1.78E-04	5.63E-08	1.64E-08	5.89E-03	1.86E-06	5.41E-07	2.06E-04	6.51E-08	1.89E-08	6.07E-03	1.92E-06	5.57E-07	9.41E-05	2.97E-08	8.64E-09
2575 492930.5, 3860393.11	5.79E-03	1.83E-06	5.32E-07	1.80E-04	5.67E-08	1.65E-08	5.82E-03	1.84E-06	5.34E-07	2.08E-04	6.56E-08	1.91E-08	6.00E-03	1.89E-06	5.51E-07	9.48E-05	2.99E-08	8.70E-09
2576 492980.5, 3860393.11	5.72E-03	1.81E-06	5.25E-07	1.81E-04	5.73E-08	1.67E-08	5.75E-03	1.81E-06	5.28E-07	2.10E-04	6.62E-08	1.92E-08	5.92E-03	1.87E-06	5.44E-07	9.57E-05	3.02E-08	8.78E-09
2577 493030.5, 3860393.11	5.65E-03	1.78E-06	5.19E-07	1.83E-04	5.77E-08	1.68E-08	5.68E-03	1.79E-06	5.21E-07	2.11E-04	6.67E-08	1.94E-08	5.85E-03	1.85E-06	5.37E-07	9.64E-05	3.04E-08	8.85E-09
2578 493080.5, 3860393.11	5.55E-03	1.75E-06	5.10E-07	1.85E-04	5.83E-08	1.70E-08	5.58E-03	1.76E-06	5.13E-07	2.14E-04	6.74E-08	1.96E-08	5.74E-03	1.81E-06	5.27E-07	9.74E-05	3.07E-08	8.94E-09
2579 493130.5, 3860393.11	5.51E-03	1.74E-06	5.06E-07	1.85E-04	5.84E-08	1.70E-08	5.54E-03	1.75E-06	5.09E-07	2.14E-04	6.75E-08	1.96E-08	5.70E-03	1.80E-06	5.23E-07	9.76E-05	3.08E-08	8.96E-09
2580 493180.5, 3860393.11	5.47E-03	1.73E-06	5.03E-07	1.85E-04	5.84E-08	1.70E-08	5.51E-03	1.74E-06	5.06E-07	2.14E-04	6.75E-08	1.96E-08	5.66E-03	1.79E-06	5.20E-07	9.76E-05	3.08E-08	8.96E-09
2581 493230.5, 3860393.11	5.42E-03	1.71E-06	4.97E-07	1.86E-04	5.87E-08	1.71E-08	5.45E-03	1.72E-06	5.00E-07	2.15E-04	6.78E-08	1.97E-08	5.60E-03	1.77E-06	5.14E-07	9.80E-05	3.09E-08	9.00E-09
2582 493280.5, 3860393.11	5.35E-03	1.69E-06	4.91E-07	1.87E-04	5.91E-08	1.72E-08	5.38E-03	1.70E-06	4.94E-07	2.16E-04	6.83E-08	1.99E-08	5.52E-03	1.74E-06	5.07E-07	9.87E-05	3.12E-08	9.06E-09
2583 493330.5, 3860393.11	5.28E-03	1.67E-06	4.85E-07	1.88E-04	5.94E-08	1.73E-08	5.31E-03	1.68E-06	4.88E-07	2.18E-04	6.87E-08	2.00E-08	5.45E-03	1.72E-06	5.00E-07	9.92E-05	3.13E-08	9.11E-09
2584 493380.5, 3860393.11	5.22E-03	1.65E-06	4.79E-07	1.89E-04	5.96E-08	1.73E-08	5.25E-03	1.66E-06	4.82E-07	2.18E-04	6.89E-08	2.00E-08	5.39E-03	1.70E-06	4.95E-07	9.96E-05	3.14E-08	9.14E-09
2585 492880.5, 3860443.11	5.75E-03	1.81E-06	5.27E-07	1.73E-04	5.46E-08	1.59E-08	5.78E-03	1.82E-06	5.30E-07	2.00E-04	6.31E-08	1.84E-08	5.95E-03	1.88E-06	5.47E-07	9.13E-05	2.88E-08	8.38E-09
2586 492930.5, 3860443.11	5.68E-03	1.79E-06	5.22E-07	1.74E-04	5.49E-08	1.60E-08	5.71E-03	1.80E-06	5.25E-07	2.01E-04	6.34E-08	1.85E-08	5.89E-03	1.86E-06	5.41E-07	9.17E-05	2.90E-08	8.42E-09
2587 492980.5, 3860443.11	5.62E-03	1.77E-06	5.16E-07	1.75E-04	5.54E-08	1.61E-08	5.65E-03	1.78E-06	5.19E-07	2.03E-04	6.40E-08	1.86E-08	5.82E-03	1.84E-06	5.34E-07	9.25E-05	2.92E-08	8.49E-09
2588 493030.5, 3860443.11	5.55E-03	1.75E-06	5.10E-07	1.77E-04	5.58E-08	1.62E-08	5.58E-03	1.76E-06	5.13E-07	2.04E-04	6.45E-08	1.88E-08	5.75E-03	1.81E-06	5.28E-07	9.32E-05	2.94E-08	8.56E-09
2589 493080.5, 3860443.11	5.49E-03	1.73E-06	5.04E-07	1.78E-04	5.61E-08	1.63E-08	5.52E-03	1.74E-06	5.07E-07	2.06E-04	6.49E-08	1.89E-08	5.68E-03	1.79E-06	5.22E-07	9.38E-05	2.96E-08	8.61E-09
2590 493130.5, 3860443.11	5.43E-03	1.72E-06	4.99E-07	1.79E-04	5.65E-08	1.64E-08	5.46E-03	1.72E-06	5.02E-07	2.07E-04	6.52E-08	1.90E-08	5.62E-03	1.77E-06	5.16E-07	9.43E-05	2.98E-08	8.66E-09
2591 493180.5, 3860443.11	5.39E-03	1.70E-06	4.95E-07	1.79E-04	5.65E-08	1.64E-08	5.42E-03	1.71E-06	4.97E-07	2.07E-04	6.53E-08	1.90E-08	5.57E-03	1.76E-06	5.11E-07	9.44E-05	2.98E-08	8.67E-09
2592 493230.5, 3860443.11	5.32E-03	1.68E-06	4.89E-07	1.81E-04	5.70E-08	1.66E-08	5.35E-03	1.69E-06	4.91E-07	2.09E-04	6.59E-08	1.92E-08	5.50E-03	1.74E-06	5.05E-07	9.52E-05	3.00E-08	8.74E-09
2593 493280.5, 3860443.11	5.26E-03	1.66E-06	4.83E-07	1.82E-04	5.73E-08	1.67E-08	5.29E-03	1.67E-06	4.86E-07	2.10E-04	6.63E-08	1.93E-08	5.44E-03	1.72E-06	4.99E-07	9.58E-05	3.02E-08	8.79E-09
2594 493330.5, 3860443.11	5.20E-03	1.64E-06	4.77E-07	1.83E-04	5.78E-08	1.68E-08	5.23E-03	1.65E-06	4.80E-07	2.12E-04	6.68E-08	1.94E-08	5.37E-03	1.69E-06	4.93E-07	9.64E-05	3.04E-08	8.85E-09
2595 493380.5, 3860443.11	5.15E-03	1.62E-06	4.73E-07	1.83E-04	5.79E-08	1.68E-08	5.18E-03	1.63E-06	4.75E-07	2.12E-04	6.69E-08	1.95E-08	5.32E-03	1.68E-06	4.88E-07	9.67E-05	3.05E-08	8.88E-09
2596 493180.5, 3860493.11	5.29E-03	1.67E-06	4.85E-07	1.74E-04	5.49E-08	1.60E-08	5.32E-03	1.68E-06	4.88E-07	2.01E-04	6.34E-08	1.84E-08	5.47E-03	1.73E-06	5.02E-07	9.16E-05	2.89E-08	8.41E-09
2597 493230.5, 3860493.11	5.23E-03	1.65E-06	4.80E-07	1.75E-04	5.52E-08	1.61E-08	5.26E-03	1.66E-06	4.83E-07	2.02E-04	6.39E-08	1.86E-08	5.41E-03	1.71E-06	4.96E-07	9.23E-05	2.91E-08	8.47E-09
2598 493280.5, 3860493.11	5.17E-03	1.63E-06	4.75E-07	1.76E-04	5.56E-08	1.62E-08	5.20E-03	1.64E-06	4.78E-07	2.04E-04	6.43E-08	1.87E-08	5.35E-03	1.69E-06	4.91E-07	9.29E-05	2.93E-08	8.53E-09
2599 493330.5, 3860493.11	5.12E-03	1.62E-06	4.70E-07	1.77E-04	5.60E-08	1.63E-08	5.15E-03	1.62E-06	4.73E-07	2.05E-04	6.47E-08	1.88E-08	5.29E-03	1.67E-06	4.85E-07	9.34E-05	2.95E-08	8.58E-09
2600 493380.5, 3860493.11	5.07E-03	1.60E-06	4.65E-07	1.78E-04	5.61E-08	1.63E-08	5.10E-03	1.61E-06	4.68E-07	2.06E-04	6.49E-08	1.89E-08	5.24E-03	1.65E-06	4.81E-07	9.37E-05	2.96E-08	8.60E-09
2601 493330.5, 3860543.11	5.03E-03	1.59E-06	4.61E-07	1.72E-04	5.43E-08	1.58E-08	5.06E-03	1.60E-06	4.64E-07	1.99E-04	6.28E-08	1.83E-08	5.20E-03	1.64E-06	4.77E-07	9.06E-05	2.86E-08	8.32E-09
2602 493380.5, 3860543.11	4.98E-03	1.57E-06	4.57E-07	1.73E-04	5.45E-08	1.58E-08	5.01E-03	1.58E-06	4.60E-07	2.00E-04	6.30E-08	1.83E-08	5.15E-03	1.62E-06	4.73E-07	9.09E-05	2.87E-08	8.35E-09
2603 494135.94, 3860876.85	3.87E-03	1.22E-06	3.55E-07	1.51E-04	4.77E-08	1.39E-08	3.89E-03	1.23E-06	3.57E-07	1.75E-04	5.51E-08	1.60E-08	3.99E-03	1.26E-06	3.66E-07	7.95E-05	2.51E-08	7.30E-09
2604 494185.94, 3860876.85	3.84E-03	1.21E-06	3.52E-07	1.52E-04	4.78E-08	1.39E-08	3.87E-03	1.22E-06	3.55E-07	1.75E-04	5.53E-08	1.61E-08	3.96E-03	1.25E-06	3.63E-07	7.98E-05	2.52E-08	7.32E-09
2605 494135.94, 3860926.85	3.79E-03	1.20E-06	3.48E-07	1.47E-04	4.64E-08	1.35E-08	3.81E-03	1.20E-06	3.50E-07	1.70E-04	5.36E-08	1.56E-08	3.91E-03	1.23E-06	3.59E-07	7.73E-05	2.44E-08	7.10E-09
2606 494185.94, 3860926.85	3.76E-03	1.19E-06	3.45E-07	1.47E-04	4.65E-08	1.35E-08	3.79E-03	1.20E-06	3.48E-07	1.70E-04	5.38E-08	1.57E-08	3.88E-03	1.22E-06	3.56E-07	7.76E-05	2.45E-08	7.12E-09
2607 494135.94, 3860976.85	3.71E-03	1.17E-06	3.41E-07	1.43E-04	4.51E-08	1.31E-08	3.74E-03	1.18E-06	3.43E-07	1.65E-04	5.21E-08	1.52E-08	3.83E-03	1.21E-06	3.51E-07	7.52E-05	2.37E-08	6.90E-09
2608 494185.94, 3860976.85	3.69E-03	1.16E-06	3.39E-07	1.43E-04	4.53E-08	1.32E-08	3.71E-03	1.17E-06	3.41E-07	1.66E-04	5.23E-08	1.52E-08	3.80E-03	1.20E-06	3.49E-07	7.55E-05	2.38E-08	6.93E-09
2609 494135.94, 3861026.85	3.64E-03	1.15E-06	3.34E-07	1.39E-04	4.38E-08	1.27E-08	3.66E-03	1.15E-06	3.36E-07	1.61E-04	5.07E-08	1.47E-08	3.75E-03	1.18E-06	3.44E-07	7.31E-05	2.31E-08	6.71E-09
2610 494185.94, 3861026.85	3.61E-03	1.14E-06	3.32E-07	1.40E-04	4.40E-08	1.28E-08	3.64E-03	1.15E-06	3.34E-07	1.61E-04	5.09E-08	1.48E-08	3.72E-03	1.18E-06	3.42E-07	7.34E-05	2.32E-08	6.74E-09
2611 494135.94, 3861076.85	3.56E-03	1.12E-06	3.27E-07	1.35E-04	4.26E-08	1.24E-08	3.58E-03	1.13E-06	3.29E-07	1.56E-04	4.93E-08	1.43E-08	3.67E-03	1.16E-06	3.37E-07	7.10E-05	2.24E-08	6.52E-09
2612 494185.94, 3861076.85	3.54E-03	1.12E-06	3.25E-07	1.36E-04	4.28E-08	1.25E-08	3.56E-03	1.12E-06	3.27E-07	1.57E-04	4.95E-08	1.44E-08	3.65E-03	1.15E-06	3.35E-07	7.14E-05	2.25E-08	6.55E-09
2613 490360.04, 3858710.04	1.27E-02	4.00E-06	1.16E-06	4.70E-04	1.48E-07	4.32E-08	1.28E-02	4.03E-06	1.17E-06	5.43E-04	1.71E-07	4.99E-08	1.31E-02	4.13E-06	1.20E-06	2.49E-04	7.87E-08	2.29E-08
2614 490410.04, 3858710.04	1.24E-02	3.91E-06	1.14E-06	4.72E-04	1.49E-07	4.33E-08	1.25E-02	3.94E-06	1.15E-06	5.45E-04	1.72E-07	5.00E-08	1.28E-02	4.03E-06	1.17E-06	2.50E-04	7.89E-08	2.30E-08
2615 490460.04, 3858710.04	1.20E-02	3.80E-06	1.11E-06	4.73E-04	1.49E-07	4.34E-08	1.21E-02	3.83E-06	1.11E-06	5.46E-04	1.72E-07	5.02E-08	1.24E-02	3.91E-06	1.14E-06	2.51E-04	7.92E-08	2.30E-08
2616 490510.04, 3858710.04	1.18E-02	3.72E-06	1.08E-06	4.74E-04	1.50E-07	4.35E-08	1.19E-02	3.74E-06	1.09E-06	5.47E-04	1.73E-07	5.02E-08	1.21E-02	3.83E-06	1.11E-06	2.51E-04	7.93E-08	2.31E-08
2617 490560.04, 3858710.04	1.16E-02	3.65E-06	1.06E-06	4.74E-04	1.50E-07	4.35E-08	1.16E-02	3.67E-06	1.07E-06	5.47E-04	1.73E-07	5.02E-08	1.19E-02	3.75E-06	1.09E-06	2.51E-04	7.93E-08	2.31E-08
2618 490610.04, 3858710.04	1.13E-02	3.57E-06	1.04E-06	4.74E-04	1.50E-07	4.35E-08	1.14E-02	3.60E-06	1.05E-06	5.47E-04	1.73E-07	5.02E-08	1.16E-02	3.67E-06	1.07E-06	2.51E-04	7.93E-08	2.31E-08
2619 490660.04, 3858710.04	1.12E-02	3.52E-06	1.02E-06	4.73E-04	1.49E-07	4.34E-08	1.12E-02	3.55E-06	1.03E-06	5.46E-04	1.72E-07	5.02E-08	1.15E-02	3.62E-06	1.05E-06	2.51E-04	7.91E-08	2.30E-08
2620 490710.04, 3858710.04	1.09E-02	3.44E-06	9.99E-07	4.73E-04	1.49E-07	4.34E-08	1.10E-02	3.46E-06	1.01E-06	5.46E-04	1.72E-07	5.01E-08	1.12E-02	3.53E-06	1.03E-06	2.51E-04	7.91E-08	2.30E-08
2621 490760.04, 3858710.04	1.06E-02	3.36E-06	9.78E-07	4.72E-04	1.49E-07	4.33E-08	1.07E-02	3.39E-06	9.85E-07	5.45E-04	1.72E-07	5.00E-08	1.09E-02	3.45E-06	1.00E-06	2.50E-04	7.89E-08	2.30E-08
2622 490810.04, 3858710.04	1.04E-02	3.29E-06	9.56E-07	4.71E-04	1.49E-07	4.32E-08	1.05E-02	3.31E-06	9.64E-07	5.44E-04	1.72E-07	4.99E-08	1.07E-02	3.37E-06	9.81E-07	2.50E-04	7.88E-08	2.29E-08
2623 490860.04, 3858710.04	1.01E-02	3.20E-06	9.32E-07	4.70E-04	1.48E-07	4.31E-08	1.02E-02	3.23E-06	9.39E-07	5.43E-04	1.71E-07	4.98E-08	1.04E-02	3.28E-06	9.55E-07	2.49E-04	7.86E-08	2.29E-08
2624 490360.04, 3858760.04	1.30E-02	4.09E-06	1.19E-06	4.52E-04	1.43E-07	4.15E-08	1.30E-02	4.12E-06	1.20E-06	5.22E-04	1.65E-07	4.80E-08	1.34E-02	4.23E-06	1.23E-06	2.40E-04	7.58E-08	2.20E-08
2625 490410.04, 3858760.04	1.26E-02	3.99E-06	1.16E-06	4.54E-04	1.43E-07	4.17E-08	1.27E-02	4.02E-06	1.17E-06	5.25E-04	1.66E-07	4.82E-08	1.30E-02	4.12E-06	1.20E-06	2.41E-04	7.61E-08	2.21E-08
2626 490460.04, 3858760.04	1.23E-02	3.88E-06	1.13E-06	4.56E-04	1.44E-07	4.19E-08	1.24E-02	3.91E-06	1.14E-06	5.27E-04	1.66E-07	4.83E-08	1.27E-02	4.00E-06	1.16E-06	2.42E-04	7.63E-08	2.22E-08
2627 490510.04, 3858760.04	1.20E-02	3.78E-06	1.10E-06	4.57E-04	1.44E-07	4.20E-08	1.20E-02	3.80E-06	1.11E-06	5.28E-04	1.67E-07	4.85E-08	1.23E-02	3.89E-06	1.13E-06	2.43E-04	7.65E-08	2.23E-08
2628 490560.04, 3858760.04	1.17E-02	3.69E-06	1.07E-06	4.58E-04	1.45E-07	4.21E-08	1.18E-02	3.72E-06	1.08E-06	5.29E-04	1.67E-07	4.86E-08	1.20E-02	3.80E-06	1.11E-06	2.43E-04	7.66E-08	2.23E-08
2629 490610.04, 3858760.04	1.14E-02	3.60E-06	1.05E-06	4.58E-04	1.45E-07	4.21E-08	1.15E-02	3.63E-06	1.05E-06	5.29E-04	1.67E-07	4.86E-08	1.17E-02	3.71E-06	1.08E-06	2.43E-04	7.67E-08	2.23E-08
2630 490660.04, 3858760.04	1.12E-02	3.52E-06	1.02E-06	4.59E-04	1.45E-07	4.21E-08	1.12E-02	3.55E-06	1.03E-06	5.30E-04	1.67E-07	4.86E-08	1.15E-02	3.62E-06	1.05E-06	2.43E-04	7.67E-08	2.23E-08
2631 490710.04, 3858760.04	1.09E-02	3.44E-06	1.00E-06	4.58E-04	1.45E-07	4.21E-08	1.10E-02	3.47E-06	1.01E-06	5.29E-04	1.67E-07	4.86E-08	1.12E-02	3.54E-06	1.03E-06	2.43E-04	7.67E-08	2.23E-08
2632 490760.04, 3858760.04	1.06E-02	3.36E-06	9.76E-07	4.58E-04	1.45E-07	4.20E-08	1.07E-02	3.38E-06	9.83E-07	5.29E-04	1.67E-07	4.86E-08	1.09E-02	3.45E-06	1.00E-06	2.43E-04	7.66E-08	2.23E-08
2633 490810.04, 3858760.04	1.04E-02	3.28E-06	9.53E-07	4.57E-04	1.44E-07	4.20E-08	1.05E-02	3.30E-06	9.60E-07	5.28E-04	1.67E-07	4.85E-08	1.07E-02	3.36E-06	9.78E-07	2.42E-04	7.65E-08	2.23E-08
2634 490860.04, 3858760.04	1.02E-02	3.21E-06	9.32E-07	4.56E-04	1.44E-07	4.19E-08	1.02E-02	3.23E-06	9.39E-07	5.27E-04	1.66E-07	4.84E-08	1.04E-02	3.29E-06	9.56E-07	2.42E-04	7.63E-08	2.22E-08
2635 490360.04, 3858810.04	1.32E-02	4.16E-06	1.21E-06	4.35E-04	1.37E-07	4.00E-08	1.33E-02	4.18E-06	1.22E-06	5.03E-04	1.59E-07	4.62E-08	1.36E-02	4.30E-06	1.25E-06	2.31E-04	7.29E-08	2.12E-08
2636 490410.04, 3858810.04	1.28E-02	4.05E-06	1.18E-06	4.38E-04	1.38E-07	4.02E-08	1.29E-02	4.07E-06	1.18E-06	5.05E-04	1.60E-07	4.64E-08	1.32E-02	4.18E-06	1.22E-06	2.32E-04	7.33E-08	2.13E-08

2637	490460.04, 3858810.04	1.25E-02	3.94E-06	1.14E-06	4.40E-04	1.39E-07	4.04E-08	1.25E-02	3.96E-06	1.15E-06	5.08E-04	1.60E-07	4.66E-08	1.29E-02	4.06E-06	1.18E-06	2.33E-04	7.36E-08	2.14E-08
2638	490510.04, 3858810.04	1.22E-02	3.85E-06	1.12E-06	4.41E-04	1.39E-07	4.05E-08	1.23E-02	3.87E-06	1.13E-06	5.09E-04	1.61E-07	4.67E-08	1.26E-02	3.97E-06	1.15E-06	2.34E-04	7.38E-08	2.15E-08
2639	490560.04, 3858810.04	1.19E-02	3.75E-06	1.09E-06	4.42E-04	1.40E-07	4.06E-08	1.20E-02	3.78E-06	1.10E-06	5.10E-04	1.61E-07	4.69E-08	1.23E-02	3.87E-06	1.13E-06	2.34E-04	7.40E-08	2.15E-08
2640	490610.04, 3858810.04	1.15E-02	3.64E-06	1.06E-06	4.43E-04	1.40E-07	4.07E-08	1.16E-02	3.67E-06	1.07E-06	5.12E-04	1.61E-07	4.70E-08	1.19E-02	3.75E-06	1.09E-06	2.35E-04	7.41E-08	2.16E-08
2641	490660.04, 3858810.04	1.13E-02	3.55E-06	1.03E-06	4.44E-04	1.40E-07	4.07E-08	1.13E-02	3.58E-06	1.04E-06	5.12E-04	1.62E-07	4.70E-08	1.16E-02	3.66E-06	1.06E-06	2.35E-04	7.42E-08	2.16E-08
2642	490710.04, 3858810.04	1.10E-02	3.46E-06	1.01E-06	4.44E-04	1.40E-07	4.07E-08	1.10E-02	3.48E-06	1.01E-06	5.13E-04	1.62E-07	4.71E-08	1.13E-02	3.56E-06	1.03E-06	2.35E-04	7.43E-08	2.16E-08
2643	490760.04, 3858810.04	1.06E-02	3.35E-06	9.74E-07	4.44E-04	1.40E-07	4.08E-08	1.07E-02	3.37E-06	9.81E-07	5.13E-04	1.62E-07	4.71E-08	1.09E-02	3.44E-06	1.00E-06	2.35E-04	7.43E-08	2.16E-08
2644	490810.04, 3858810.04	1.04E-02	3.29E-06	9.57E-07	4.43E-04	1.40E-07	4.07E-08	1.05E-02	3.31E-06	9.64E-07	5.12E-04	1.62E-07	4.70E-08	1.07E-02	3.38E-06	9.83E-07	2.35E-04	7.42E-08	2.16E-08
2645	490860.04, 3858810.04	1.01E-02	3.20E-06	9.31E-07	4.43E-04	1.40E-07	4.07E-08	1.02E-02	3.23E-06	9.38E-07	5.11E-04	1.61E-07	4.70E-08	1.04E-02	3.29E-06	9.56E-07	2.35E-04	7.41E-08	2.15E-08
2646	490360.04, 3858860.04	1.33E-02	4.20E-06	1.22E-06	4.19E-04	1.32E-07	3.85E-08	1.34E-02	4.22E-06	1.23E-06	4.84E-04	1.53E-07	4.44E-08	1.38E-02	4.35E-06	1.26E-06	2.22E-04	7.02E-08	2.04E-08
2647	490410.04, 3858860.04	1.30E-02	4.12E-06	1.20E-06	4.21E-04	1.33E-07	3.86E-08	1.31E-02	4.14E-06	1.20E-06	4.86E-04	1.53E-07	4.46E-08	1.35E-02	4.26E-06	1.24E-06	2.23E-04	7.05E-08	2.05E-08
2648	490460.04, 3858860.04	1.26E-02	3.99E-06	1.16E-06	4.23E-04	1.34E-07	3.89E-08	1.27E-02	4.01E-06	1.17E-06	4.89E-04	1.54E-07	4.49E-08	1.31E-02	4.12E-06	1.20E-06	2.25E-04	7.09E-08	2.06E-08
2649	490510.04, 3858860.04	1.24E-02	3.91E-06	1.14E-06	4.25E-04	1.34E-07	3.90E-08	1.25E-02	3.93E-06	1.14E-06	4.90E-04	1.55E-07	4.50E-08	1.28E-02	4.04E-06	1.17E-06	2.25E-04	7.11E-08	2.07E-08
2650	490560.04, 3858860.04	1.20E-02	3.80E-06	1.11E-06	4.26E-04	1.35E-07	3.91E-08	1.21E-02	3.82E-06	1.11E-06	4.92E-04	1.55E-07	4.52E-08	1.24E-02	3.92E-06	1.14E-06	2.26E-04	7.13E-08	2.08E-08
2651	490610.04, 3858860.04	1.16E-02	3.67E-06	1.07E-06	4.28E-04	1.35E-07	3.93E-08	1.17E-02	3.69E-06	1.07E-06	4.94E-04	1.56E-07	4.54E-08	1.20E-02	3.78E-06	1.10E-06	2.27E-04	7.16E-08	2.08E-08
2652	490660.04, 3858860.04	1.13E-02	3.57E-06	1.04E-06	4.29E-04	1.35E-07	3.94E-08	1.14E-02	3.59E-06	1.05E-06	4.95E-04	1.56E-07	4.54E-08	1.17E-02	3.68E-06	1.07E-06	2.27E-04	7.17E-08	2.09E-08
2653	490710.04, 3858860.04	1.11E-02	3.50E-06	1.02E-06	4.29E-04	1.35E-07	3.94E-08	1.12E-02	3.52E-06	1.02E-06	4.96E-04	1.56E-07	4.55E-08	1.14E-02	3.60E-06	1.05E-06	2.27E-04	7.18E-08	2.09E-08
2654	490760.04, 3858860.04	1.07E-02	3.38E-06	9.84E-07	4.30E-04	1.36E-07	3.94E-08	1.08E-02	3.41E-06	9.91E-07	4.96E-04	1.57E-07	4.55E-08	1.10E-02	3.48E-06	1.01E-06	2.28E-04	7.19E-08	2.09E-08
2655	490810.04, 3858860.04	1.04E-02	3.28E-06	9.55E-07	4.30E-04	1.36E-07	3.94E-08	1.05E-02	3.31E-06	9.61E-07	4.96E-04	1.57E-07	4.55E-08	1.07E-02	3.37E-06	9.82E-07	2.28E-04	7.19E-08	2.09E-08
2656	490860.04, 3858860.04	1.01E-02	3.18E-06	9.25E-07	4.29E-04	1.35E-07	3.94E-08	1.02E-02	3.20E-06	9.32E-07	4.96E-04	1.56E-07	4.55E-08	1.04E-02	3.27E-06	9.51E-07	2.27E-04	7.18E-08	2.09E-08
2657	490360.04, 3858910.04	1.36E-02	4.30E-06	1.25E-06	4.02E-04	1.27E-07	3.69E-08	1.37E-02	4.33E-06	1.26E-06	4.64E-04	1.46E-07	4.26E-08	1.41E-02	4.46E-06	1.30E-06	2.13E-04	6.73E-08	1.96E-08
2658	490410.04, 3858910.04	1.33E-02	4.19E-06	1.22E-06	4.04E-04	1.28E-07	3.71E-08	1.33E-02	4.21E-06	1.22E-06	4.67E-04	1.47E-07	4.28E-08	1.37E-02	4.34E-06	1.26E-06	2.15E-04	6.77E-08	1.97E-08
2659	490460.04, 3858910.04	1.29E-02	4.07E-06	1.18E-06	4.06E-04	1.28E-07	3.73E-08	1.30E-02	4.09E-06	1.19E-06	4.69E-04	1.48E-07	4.31E-08	1.33E-02	4.21E-06	1.22E-06	2.16E-04	6.81E-08	1.98E-08
2660	490510.04, 3858910.04	1.25E-02	3.94E-06	1.15E-06	4.09E-04	1.29E-07	3.75E-08	1.26E-02	3.97E-06	1.15E-06	4.72E-04	1.49E-07	4.33E-08	1.29E-02	4.08E-06	1.19E-06	2.17E-04	6.85E-08	1.99E-08
2661	490560.04, 3858910.04	1.21E-02	3.82E-06	1.11E-06	4.11E-04	1.30E-07	3.77E-08	1.22E-02	3.84E-06	1.12E-06	4.74E-04	1.50E-07	4.35E-08	1.25E-02	3.94E-06	1.15E-06	2.18E-04	6.88E-08	2.00E-08
2662	490610.04, 3858910.04	1.17E-02	3.69E-06	1.07E-06	4.12E-04	1.30E-07	3.79E-08	1.18E-02	3.72E-06	1.08E-06	4.76E-04	1.50E-07	4.37E-08	1.21E-02	3.81E-06	1.11E-06	2.19E-04	6.90E-08	2.01E-08
2663	490660.04, 3858910.04	1.14E-02	3.59E-06	1.05E-06	4.14E-04	1.31E-07	3.80E-08	1.15E-02	3.62E-06	1.05E-06	4.78E-04	1.51E-07	4.39E-08	1.17E-02	3.71E-06	1.08E-06	2.19E-04	6.92E-08	2.01E-08
2664	490710.04, 3858910.04	1.10E-02	3.48E-06	1.01E-06	4.15E-04	1.31E-07	3.81E-08	1.11E-02	3.51E-06	1.02E-06	4.79E-04	1.51E-07	4.40E-08	1.14E-02	3.59E-06	1.04E-06	2.20E-04	6.94E-08	2.02E-08
2665	490760.04, 3858910.04	1.07E-02	3.36E-06	9.78E-07	4.15E-04	1.31E-07	3.81E-08	1.07E-02	3.39E-06	9.85E-07	4.80E-04	1.51E-07	4.40E-08	1.10E-02	3.46E-06	1.01E-06	2.20E-04	6.95E-08	2.02E-08
2666	490810.04, 3858910.04	1.04E-02	3.27E-06	9.52E-07	4.16E-04	1.31E-07	3.81E-08	1.04E-02	3.30E-06	9.59E-07	4.80E-04	1.51E-07	4.41E-08	1.07E-02	3.37E-06	9.80E-07	2.20E-04	6.95E-08	2.02E-08
2667	490860.04, 3858910.04	1.00E-02	3.16E-06	9.19E-07	4.15E-04	1.31E-07	3.81E-08	1.01E-02	3.18E-06	9.26E-07	4.80E-04	1.51E-07	4.40E-08	1.03E-02	3.25E-06	9.45E-07	2.20E-04	6.95E-08	2.02E-08
2668	490360.04, 3858960.04	1.38E-02	4.36E-06	1.27E-06	3.85E-04	1.22E-07	3.54E-08	1.39E-02	4.38E-06	1.27E-06	4.45E-04	1.40E-07	4.09E-08	1.43E-02	4.52E-06	1.31E-06	2.05E-04	6.46E-08	1.88E-08
2669	490410.04, 3858960.04	1.34E-02	4.22E-06	1.23E-06	3.88E-04	1.23E-07	3.56E-08	1.34E-02	4.24E-06	1.23E-06	4.48E-04	1.41E-07	4.12E-08	1.39E-02	4.37E-06	1.27E-06	2.06E-04	6.51E-08	1.89E-08
2670	490460.04, 3858960.04	1.29E-02	4.08E-06	1.19E-06	3.91E-04	1.23E-07	3.59E-08	1.30E-02	4.10E-06	1.19E-06	4.51E-04	1.42E-07	4.14E-08	1.34E-02	4.22E-06	1.23E-06	2.08E-04	6.55E-08	1.91E-08
2671	490510.04, 3858960.04	1.25E-02	3.96E-06	1.15E-06	3.93E-04	1.24E-07	3.61E-08	1.26E-02	3.98E-06	1.16E-06	4.54E-04	1.43E-07	4.17E-08	1.30E-02	4.09E-06	1.19E-06	2.09E-04	6.59E-08	1.92E-08
2672	490560.04, 3858960.04	1.22E-02	3.84E-06	1.12E-06	3.95E-04	1.25E-07	3.63E-08	1.22E-02	3.86E-06	1.12E-06	4.57E-04	1.44E-07	4.19E-08	1.26E-02	3.97E-06	1.15E-06	2.10E-04	6.62E-08	1.93E-08
2673	490610.04, 3858960.04	1.17E-02	3.69E-06	1.07E-06	3.97E-04	1.25E-07	3.65E-08	1.18E-02	3.71E-06	1.08E-06	4.59E-04	1.45E-07	4.21E-08	1.21E-02	3.81E-06	1.11E-06	2.11E-04	6.65E-08	1.94E-08
2674	490660.04, 3858960.04	1.14E-02	3.61E-06	1.05E-06	3.99E-04	1.26E-07	3.66E-08	1.15E-02	3.63E-06	1.06E-06	4.60E-04	1.45E-07	4.23E-08	1.18E-02	3.73E-06	1.09E-06	2.11E-04	6.67E-08	1.94E-08
2675	490710.04, 3858960.04	1.10E-02	3.48E-06	1.01E-06	4.00E-04	1.26E-07	3.67E-08	1.11E-02	3.50E-06	1.02E-06	4.62E-04	1.46E-07	4.24E-08	1.14E-02	3.59E-06	1.04E-06	2.12E-04	6.70E-08	1.95E-08
2676	490760.04, 3858960.04	1.07E-02	3.37E-06	9.79E-07	4.01E-04	1.27E-07	3.68E-08	1.07E-02	3.39E-06	9.86E-07	4.63E-04	1.46E-07	4.25E-08	1.10E-02	3.47E-06	1.01E-06	2.13E-04	6.71E-08	1.95E-08
2677	490810.04, 3858960.04	1.03E-02	3.26E-06	9.47E-07	4.01E-04	1.27E-07	3.69E-08	1.04E-02	3.28E-06	9.53E-07	4.64E-04	1.46E-07	4.26E-08	1.06E-02	3.35E-06	9.75E-07	2.13E-04	6.72E-08	1.95E-08
2678	490860.04, 3858960.04	9.93E-03	3.13E-06	9.12E-07	4.02E-04	1.27E-07	3.69E-08	1.00E-02	3.16E-06	9.18E-07	4.64E-04	1.46E-07	4.26E-08	1.02E-02	3.22E-06	9.38E-07	2.13E-04	6.72E-08	1.96E-08
2679	490360.04, 3859010.04	1.39E-02	4.40E-06	1.28E-06	3.70E-04	1.17E-07	3.40E-08	1.40E-02	4.42E-06	1.29E-06	4.27E-04	1.35E-07	3.92E-08	1.45E-02	4.57E-06	1.33E-06	1.97E-04	6.21E-08	1.81E-08
2680	490410.04, 3859010.04	1.35E-02	4.25E-06	1.24E-06	3.73E-04	1.18E-07	3.42E-08	1.35E-02	4.27E-06	1.24E-06	4.31E-04	1.36E-07	3.95E-08	1.40E-02	4.40E-06	1.28E-06	1.98E-04	6.25E-08	1.82E-08
2681	490460.04, 3859010.04	1.29E-02	4.08E-06	1.19E-06	3.76E-04	1.19E-07	3.45E-08	1.30E-02	4.10E-06	1.19E-06	4.34E-04	1.37E-07	3.98E-08	1.34E-02	4.23E-06	1.23E-06	2.00E-04	6.30E-08	1.83E-08
2682	490510.04, 3859010.04	1.24E-02	3.92E-06	1.14E-06	3.78E-04	1.19E-07	3.47E-08	1.25E-02	3.94E-06	1.15E-06	4.37E-04	1.38E-07	4.01E-08	1.29E-02	4.06E-06	1.18E-06	2.01E-04	6.34E-08	1.84E-08
2683	490560.04, 3859010.04	1.21E-02	3.82E-06	1.11E-06	3.80E-04	1.20E-07	3.49E-08	1.22E-02	3.84E-06	1.12E-06	4.39E-04	1.39E-07	4.03E-08	1.25E-02	3.96E-06	1.15E-06	2.02E-04	6.37E-08	1.85E-08
2684	490610.04, 3859010.04	1.17E-02	3.68E-06	1.07E-06	3.82E-04	1.21E-07	3.51E-08	1.17E-02	3.70E-06	1.08E-06	4.42E-04	1.39E-07	4.05E-08	1.21E-02	3.81E-06	1.11E-06	2.03E-04	6.41E-08	1.86E-08
2685	490660.04, 3859010.04	1.14E-02	3.60E-06	1.05E-06	3.84E-04	1.21E-07	3.52E-08	1.15E-02	3.62E-06	1.05E-06	4.43E-04	1.40E-07	4.07E-08	1.18E-02	3.72E-06	1.08E-06	2.04E-04	6.43E-08	1.87E-08
2686	490710.04, 3859010.04	1.10E-02	3.46E-06	1.01E-06	3.86E-04	1.22E-07	3.54E-08	1.10E-02	3.48E-06	1.01E-06	4.45E-04	1.40E-07	4.09E-08	1.13E-02	3.58E-06	1.04E-06	2.05E-04	6.46E-08	1.88E-08
2687	490760.04, 3859010.04	1.06E-02	3.34E-06	9.72E-07	3.87E-04	1.22E-07	3.55E-08	1.07E-02	3.36E-06	9.78E-07	4.46E-04	1.41E-07	4.10E-08	1.09E-02	3.45E-06	1.00E-06	2.05E-04	6.47E-08	1.88E-08
2688	490810.04, 3859010.04	1.02E-02	3.22E-06	9.37E-07	3.87E-04	1.22E-07	3.56E-08	1.03E-02	3.24E-06	9.43E-07	4.47E-04	1.41E-07	4.11E-08	1.05E-02	3.32E-06	9.66E-07	2.05E-04	6.48E-08	1.89E-08
2689	490860.04, 3859010.04	9.87E-03	3.12E-06	9.06E-07	3.88E-04	1.22E-07	3.56E-08	9.94E-03	3.14E-06	9.13E-07	4.48E-04	1.41E-07	4.11E-08	1.02E-02	3.21E-06	9.33E-07	2.06E-04	6.49E-08	1.89E-08
2690	490360.04, 3859060.04	1.40E-02	4.42E-06	1.29E-06	3.56E-04	1.12E-07	3.26E-08	1.41E-02	4.44E-06	1.29E-06	4.10E-04	1.30E-07	3.77E-08	1.46E-02	4.59E-06	1.34E-06	1.89E-04	5.97E-08	1.74E-08
2691	490410.04, 3859060.04	1.34E-02	4.22E-06	1.23E-06	3.59E-04	1.13E-07	3.29E-08	1.34E-02	4.24E-06	1.23E-06	4.14E-04	1.31E-07	3.80E-08	1.39E-02	4.38E-06	1.28E-06	1.91E-04	6.02E-08	1.75E-08
2692	490460.04, 3859060.04	1.29E-02	4.07E-06	1.18E-06	3.61E-04	1.14E-07	3.32E-08	1.29E-02	4.09E-06	1.19E-06	4.17E-04	1.32E-07	3.83E-08	1.34E-02	4.22E-06	1.23E-06	1.92E-04	6.06E-08	1.76E-08
2693	490510.04, 3859060.04	1.24E-02	3.93E-06	1.14E-06	3.64E-04	1.15E-07	3.34E-08	1.25E-02	3.95E-06	1.15E-06	4.20E-04	1.32E-07	3.85E-08	1.29E-02	4.07E-06	1.18E-06	1.93E-04	6.10E-08	1.77E-08
2694	490560.04, 3859060.04	1.20E-02	3.78E-06	1.10E-06	3.66E-04	1.15E-07	3.36E-08	1.20E-02	3.79E-06	1.10E-06	4.22E-04	1.33E-07	3.88E-08	1.24E-02	3.91E-06	1.14E-06	1.94E-04	6.13E-08	1.78E-08
2695	490610.04, 3859060.04	1.16E-02	3.67E-06	1.07E-06	3.68E-04	1.16E-07	3.38E-08	1.17E-02	3.69E-06	1.07E-06	4.25E-04	1.34E-07	3.90E-08	1.20E-02	3.79E-06	1.10E-06	1.95E-04	6.16E-08	1.79E-08
2696	490660.04, 3859060.04	1.13E-02	3.57E-06	1.04E-06	3.69E-04	1.17E-07	3.39E-08	1.14E-02	3.59E-06	1.04E-06	4.27E-04	1.35E-07	3.92E-08	1.17E-02	3.69E-06	1.07E-06	1.96E-04	6.19E-08	1.80E-08
2697	490710.04, 3859060.04	1.09E-02	3.43E-06	9.96E-07	3.71E-04	1.17E-07	3.41E-08	1.09E-02	3.45E-06	1.00E-06	4.28E-04	1.35E-07	3.93E-08	1.12E-02	3.54E-06	1.03E-06	1.97E-04	6.21E-08	1.81E-08
2698	490760.04, 3859060.04	1.05E-02	3.30E-06	9.60E-07	3.72E-04	1.17E-07	3.42E-08	1.05E-02	3.32E-06	9.66E-07	4.30E-04	1.36E-07	3.95E-08	1.08E-02	3.41E-06	9.91E-07	1.98E-04	6.23E-08	1.81E-08
2699	490810.04, 3859060.04	1.01E-02	3.18E-06	9.24E-07	3.73E-04	1.18E-07	3.43E-08	1.01E-02	3.20E-06	9.30E-07	4.31E-04	1.36E-07	3.96E-08	1.04E-02	3.28E-06	9.53E-07	1.98E-04	6.25E-08	1.82E-08
2700	490860.04, 3859060.04	9.73E-03	3.07E-06	8.93E-07	3.73E-04	1.18E-07	3.43E-08	9.79E-03	3.09E-06	8.99E-07	4.31E-04	1.36E-07	3.96E-08	1.00E-02	3.16E-06	9.20E-07	1.98E-04	6.25E-08	1.82E-08
2701	490360.04, 3859110.04	1.41E-02	4.46E-06	1.30E-06	3.42E-04	1.08E-07	3.14E-08	1.42E-02	4.48E-06	1.30E-06	3.94E-04	1.24E-07	3.62E-08	1.47E-02	4.64E-06	1.35E-06	1.82E-04	5.74E-08	1.67E-08
2702	490410.04, 3859110.04	1.35E-02	4.26E-06	1.24E-06	3.45E-04	1.09E-07	3.16E-08	1.36E-02	4.28E-06	1.24E-06	3.98E-04	1.26E-07	3.65E-08	1.40E-02	4.42E-06	1.29E-06	1.83E-04	5.78E-08	1.68E-08

2703 490460.04, 3859110.04	1.30E-02	4.11E-06	1.20E-06	3.47E-04	1.09E-07	3.18E-08	1.31E-02	4.13E-06	1.20E-06	4.00E-04	1.26E-07	3.67E-08	1.35E-02	4.27E-06	1.24E-06	1.84E-04	5.82E-08	1.69E-08
2704 490510.04, 3859110.04	1.24E-02	3.90E-06	1.13E-06	3.49E-04	1.10E-07	3.21E-08	1.24E-02	3.92E-06	1.14E-06	4.03E-04	1.27E-07	3.70E-08	1.28E-02	4.04E-06	1.18E-06	1.86E-04	5.86E-08	1.70E-08
2705 490560.04, 3859110.04	1.19E-02	3.76E-06	1.09E-06	3.52E-04	1.11E-07	3.23E-08	1.20E-02	3.78E-06	1.10E-06	4.06E-04	1.28E-07	3.73E-08	1.23E-02	3.89E-06	1.13E-06	1.87E-04	5.89E-08	1.71E-08
2706 490610.04, 3859110.04	1.14E-02	3.61E-06	1.05E-06	3.53E-04	1.12E-07	3.25E-08	1.15E-02	3.63E-06	1.06E-06	4.08E-04	1.29E-07	3.75E-08	1.18E-02	3.74E-06	1.09E-06	1.88E-04	5.93E-08	1.72E-08
2707 490660.04, 3859110.04	1.10E-02	3.46E-06	1.01E-06	3.55E-04	1.12E-07	3.26E-08	1.10E-02	3.48E-06	1.01E-06	4.10E-04	1.29E-07	3.76E-08	1.13E-02	3.58E-06	1.04E-06	1.89E-04	5.95E-08	1.73E-08
2708 490710.04, 3859110.04	1.07E-02	3.36E-06	9.78E-07	3.57E-04	1.13E-07	3.27E-08	1.07E-02	3.38E-06	9.83E-07	4.12E-04	1.30E-07	3.78E-08	1.10E-02	3.47E-06	1.01E-06	1.89E-04	5.98E-08	1.74E-08
2709 490760.04, 3859110.04	1.03E-02	3.25E-06	9.44E-07	3.58E-04	1.13E-07	3.29E-08	1.03E-02	3.26E-06	9.50E-07	4.13E-04	1.31E-07	3.80E-08	1.06E-02	3.35E-06	9.75E-07	1.90E-04	6.00E-08	1.75E-08
2710 490810.04, 3859110.04	9.87E-03	3.12E-06	9.06E-07	3.58E-04	1.13E-07	3.29E-08	9.93E-03	3.13E-06	9.12E-07	4.14E-04	1.31E-07	3.80E-08	1.02E-02	3.21E-06	9.35E-07	1.90E-04	6.00E-08	1.75E-08
2711 490860.04, 3859110.04	9.49E-03	3.00E-06	8.71E-07	3.59E-04	1.13E-07	3.29E-08	9.55E-03	3.01E-06	8.77E-07	4.14E-04	1.31E-07	3.80E-08	9.78E-03	3.09E-06	8.98E-07	1.90E-04	6.01E-08	1.75E-08
2712 490360.04, 3859160.04	1.43E-02	4.52E-06	1.31E-06	3.29E-04	1.04E-07	3.02E-08	1.44E-02	4.54E-06	1.32E-06	3.79E-04	1.20E-07	3.48E-08	1.49E-02	4.70E-06	1.37E-06	1.75E-04	5.52E-08	1.61E-08
2713 490410.04, 3859160.04	1.37E-02	4.31E-06	1.25E-06	3.31E-04	1.05E-07	3.04E-08	1.37E-02	4.33E-06	1.26E-06	3.82E-04	1.21E-07	3.51E-08	1.42E-02	4.49E-06	1.30E-06	1.76E-04	5.56E-08	1.62E-08
2714 490460.04, 3859160.04	1.31E-02	4.14E-06	1.20E-06	3.33E-04	1.05E-07	3.06E-08	1.32E-02	4.15E-06	1.21E-06	3.85E-04	1.21E-07	3.53E-08	1.36E-02	4.30E-06	1.25E-06	1.77E-04	5.60E-08	1.63E-08
2715 490510.04, 3859160.04	1.26E-02	3.96E-06	1.15E-06	3.36E-04	1.06E-07	3.08E-08	1.26E-02	3.98E-06	1.16E-06	3.87E-04	1.22E-07	3.56E-08	1.30E-02	4.11E-06	1.20E-06	1.78E-04	5.63E-08	1.64E-08
2716 490560.04, 3859160.04	1.19E-02	3.77E-06	1.10E-06	3.38E-04	1.07E-07	3.10E-08	1.20E-02	3.79E-06	1.10E-06	3.90E-04	1.23E-07	3.58E-08	1.24E-02	3.91E-06	1.14E-06	1.80E-04	5.67E-08	1.65E-08
2717 490610.04, 3859160.04	1.15E-02	3.64E-06	1.06E-06	3.40E-04	1.07E-07	3.12E-08	1.16E-02	3.65E-06	1.06E-06	3.92E-04	1.24E-07	3.60E-08	1.19E-02	3.77E-06	1.10E-06	1.81E-04	5.70E-08	1.66E-08
2718 490660.04, 3859160.04	1.08E-02	3.41E-06	9.91E-07	3.41E-04	1.08E-07	3.13E-08	1.09E-02	3.43E-06	9.97E-07	3.94E-04	1.24E-07	3.62E-08	1.12E-02	3.53E-06	1.03E-06	1.81E-04	5.72E-08	1.66E-08
2719 490710.04, 3859160.04	1.05E-02	3.30E-06	9.61E-07	3.43E-04	1.08E-07	3.15E-08	1.05E-02	3.32E-06	9.66E-07	3.96E-04	1.25E-07	3.63E-08	1.08E-02	3.41E-06	9.93E-07	1.82E-04	5.75E-08	1.67E-08
2720 490760.04, 3859160.04	9.96E-03	3.14E-06	9.14E-07	3.43E-04	1.08E-07	3.15E-08	1.00E-02	3.16E-06	9.19E-07	3.96E-04	1.25E-07	3.63E-08	1.03E-02	3.25E-06	9.44E-07	1.82E-04	5.75E-08	1.67E-08
2721 490810.04, 3859160.04	9.65E-03	3.05E-06	8.86E-07	3.44E-04	1.09E-07	3.16E-08	9.71E-03	3.06E-06	8.91E-07	3.97E-04	1.25E-07	3.64E-08	9.96E-03	3.14E-06	9.14E-07	1.83E-04	5.76E-08	1.68E-08
2722 490860.04, 3859160.04	9.33E-03	2.95E-06	8.57E-07	3.44E-04	1.09E-07	3.16E-08	9.39E-03	2.96E-06	8.62E-07	3.98E-04	1.26E-07	3.65E-08	9.62E-03	3.04E-06	8.83E-07	1.83E-04	5.77E-08	1.68E-08
2723 490360.04, 3859210.04	1.45E-02	4.57E-06	1.33E-06	3.17E-04	1.00E-07	2.91E-08	1.45E-02	4.58E-06	1.33E-06	3.65E-04	1.15E-07	3.36E-08	1.51E-02	4.76E-06	1.38E-06	1.69E-04	5.32E-08	1.55E-08
2724 490410.04, 3859210.04	1.40E-02	4.42E-06	1.29E-06	3.18E-04	1.00E-07	2.92E-08	1.41E-02	4.44E-06	1.29E-06	3.67E-04	1.16E-07	3.37E-08	1.46E-02	4.60E-06	1.34E-06	1.70E-04	5.35E-08	1.56E-08
2725 490460.04, 3859210.04	1.32E-02	4.16E-06	1.21E-06	3.21E-04	1.01E-07	2.95E-08	1.32E-02	4.18E-06	1.22E-06	3.70E-04	1.17E-07	3.40E-08	1.37E-02	4.33E-06	1.26E-06	1.71E-04	5.39E-08	1.57E-08
2726 490510.04, 3859210.04	1.26E-02	3.97E-06	1.16E-06	3.23E-04	1.02E-07	2.96E-08	1.26E-02	3.99E-06	1.16E-06	3.73E-04	1.18E-07	3.42E-08	1.31E-02	4.13E-06	1.20E-06	1.72E-04	5.42E-08	1.58E-08
2727 490560.04, 3859210.04	1.22E-02	3.84E-06	1.12E-06	3.25E-04	1.02E-07	2.98E-08	1.22E-02	3.85E-06	1.12E-06	3.75E-04	1.18E-07	3.44E-08	1.26E-02	3.98E-06	1.16E-06	1.73E-04	5.45E-08	1.59E-08
2728 490610.04, 3859210.04	1.16E-02	3.67E-06	1.07E-06	3.27E-04	1.03E-07	3.00E-08	1.17E-02	3.68E-06	1.07E-06	3.77E-04	1.19E-07	3.46E-08	1.20E-02	3.80E-06	1.11E-06	1.74E-04	5.48E-08	1.59E-08
2729 490660.04, 3859210.04	1.09E-02	3.45E-06	1.00E-06	3.28E-04	1.04E-07	3.01E-08	1.10E-02	3.47E-06	1.01E-06	3.79E-04	1.20E-07	3.48E-08	1.13E-02	3.57E-06	1.04E-06	1.74E-04	5.51E-08	1.60E-08
2730 490710.04, 3859210.04	1.05E-02	3.32E-06	9.65E-07	3.30E-04	1.04E-07	3.03E-08	1.06E-02	3.34E-06	9.70E-07	3.81E-04	1.20E-07	3.49E-08	1.09E-02	3.43E-06	9.99E-07	1.75E-04	5.53E-08	1.61E-08
2731 490760.04, 3859210.04	9.98E-03	3.15E-06	9.16E-07	3.30E-04	1.04E-07	3.03E-08	1.00E-02	3.17E-06	9.21E-07	3.81E-04	1.20E-07	3.49E-08	1.03E-02	3.26E-06	9.47E-07	1.75E-04	5.53E-08	1.61E-08
2732 490810.04, 3859210.04	9.81E-03	3.10E-06	9.00E-07	3.31E-04	1.05E-07	3.04E-08	9.86E-03	3.11E-06	9.05E-07	3.82E-04	1.21E-07	3.51E-08	1.01E-02	3.20E-06	9.30E-07	1.76E-04	5.55E-08	1.61E-08
2733 490860.04, 3859210.04	9.62E-03	3.04E-06	8.84E-07	3.33E-04	1.05E-07	3.05E-08	9.68E-03	3.06E-06	8.89E-07	3.84E-04	1.21E-07	3.52E-08	9.94E-03	3.14E-06	9.13E-07	1.77E-04	5.58E-08	1.62E-08
2734 490360.04, 3859260.04	1.45E-02	4.59E-06	1.33E-06	3.06E-04	9.66E-08	2.81E-08	1.46E-02	4.60E-06	1.34E-06	3.53E-04	1.11E-07	3.24E-08	1.51E-02	4.78E-06	1.39E-06	1.63E-04	5.15E-08	1.50E-08
2735 490410.04, 3859260.04	1.40E-02	4.42E-06	1.28E-06	3.08E-04	9.71E-08	2.82E-08	1.40E-02	4.43E-06	1.29E-06	3.55E-04	1.12E-07	3.26E-08	1.46E-02	4.60E-06	1.34E-06	1.64E-04	5.17E-08	1.50E-08
2736 490460.04, 3859260.04	1.35E-02	4.27E-06	1.24E-06	3.09E-04	9.75E-08	2.84E-08	1.36E-02	4.29E-06	1.25E-06	3.57E-04	1.13E-07	3.27E-08	1.41E-02	4.45E-06	1.29E-06	1.65E-04	5.19E-08	1.51E-08
2737 490510.04, 3859260.04	1.31E-02	4.13E-06	1.20E-06	3.10E-04	9.80E-08	2.85E-08	1.32E-02	4.15E-06	1.21E-06	3.58E-04	1.13E-07	3.29E-08	1.36E-02	4.30E-06	1.25E-06	1.65E-04	5.21E-08	1.52E-08
2738 490560.04, 3859260.04	1.25E-02	3.95E-06	1.15E-06	3.12E-04	9.86E-08	2.87E-08	1.26E-02	3.97E-06	1.16E-06	3.60E-04	1.14E-07	3.31E-08	1.30E-02	4.11E-06	1.20E-06	1.66E-04	5.24E-08	1.53E-08
2739 490610.04, 3859260.04	1.18E-02	3.73E-06	1.08E-06	3.14E-04	9.92E-08	2.89E-08	1.19E-02	3.75E-06	1.09E-06	3.63E-04	1.14E-07	3.33E-08	1.23E-02	3.87E-06	1.13E-06	1.67E-04	5.28E-08	1.53E-08
2740 490660.04, 3859260.04	1.16E-02	3.65E-06	1.06E-06	3.16E-04	9.97E-08	2.90E-08	1.16E-02	3.67E-06	1.07E-06	3.64E-04	1.15E-07	3.35E-08	1.20E-02	3.79E-06	1.10E-06	1.68E-04	5.30E-08	1.54E-08
2741 490710.04, 3859260.04	1.12E-02	3.52E-06	1.02E-06	3.17E-04	1.00E-07	2.91E-08	1.12E-02	3.54E-06	1.03E-06	3.66E-04	1.16E-07	3.36E-08	1.16E-02	3.65E-06	1.06E-06	1.69E-04	5.32E-08	1.55E-08
2742 490760.04, 3859260.04	1.05E-02	3.32E-06	9.67E-07	3.19E-04	1.01E-07	2.93E-08	1.06E-02	3.34E-06	9.72E-07	3.68E-04	1.16E-07	3.38E-08	1.09E-02	3.44E-06	1.00E-06	1.69E-04	5.35E-08	1.56E-08
2743 490810.04, 3859260.04	1.03E-02	3.25E-06	9.44E-07	3.20E-04	1.01E-07	2.94E-08	1.03E-02	3.26E-06	9.49E-07	3.70E-04	1.17E-07	3.40E-08	1.06E-02	3.36E-06	9.77E-07	1.70E-04	5.37E-08	1.56E-08
2744 490860.04, 3859260.04	1.00E-02	3.17E-06	9.22E-07	3.22E-04	1.02E-07	2.96E-08	1.01E-02	3.19E-06	9.27E-07	3.72E-04	1.17E-07	3.41E-08	1.04E-02	3.28E-06	9.54E-07	1.71E-04	5.40E-08	1.57E-08
2745 490360.04, 3859310.04	1.48E-02	4.67E-06	1.36E-06	2.96E-04	9.33E-08	2.71E-08	1.48E-02	4.69E-06	1.36E-06	3.41E-04	1.08E-07	3.13E-08	1.54E-02	4.87E-06	1.42E-06	1.58E-04	4.98E-08	1.45E-08
2746 490410.04, 3859310.04	1.42E-02	4.50E-06	1.31E-06	2.97E-04	9.37E-08	2.73E-08	1.43E-02	4.51E-06	1.31E-06	3.43E-04	1.08E-07	3.14E-08	1.48E-02	4.68E-06	1.36E-06	1.58E-04	4.99E-08	1.45E-08
2747 490460.04, 3859310.04	1.38E-02	4.34E-06	1.26E-06	2.98E-04	9.41E-08	2.74E-08	1.38E-02	4.36E-06	1.27E-06	3.44E-04	1.09E-07	3.16E-08	1.43E-02	4.52E-06	1.32E-06	1.59E-04	5.01E-08	1.46E-08
2748 490510.04, 3859310.04	1.34E-02	4.22E-06	1.23E-06	2.99E-04	9.44E-08	2.75E-08	1.34E-02	4.23E-06	1.23E-06	3.45E-04	1.09E-07	3.17E-08	1.39E-02	4.39E-06	1.28E-06	1.59E-04	5.03E-08	1.46E-08
2749 490560.04, 3859310.04	1.29E-02	4.09E-06	1.19E-06	3.01E-04	9.49E-08	2.76E-08	1.30E-02	4.10E-06	1.19E-06	3.47E-04	1.10E-07	3.19E-08	1.35E-02	4.25E-06	1.24E-06	1.60E-04	5.05E-08	1.47E-08
2750 490610.04, 3859310.04	1.26E-02	3.97E-06	1.16E-06	3.02E-04	9.53E-08	2.77E-08	1.26E-02	3.99E-06	1.16E-06	3.49E-04	1.10E-07	3.20E-08	1.31E-02	4.13E-06	1.20E-06	1.61E-04	5.07E-08	1.48E-08
2751 490660.04, 3859310.04	1.21E-02	3.83E-06	1.12E-06	3.04E-04	9.58E-08	2.79E-08	1.22E-02	3.85E-06	1.12E-06	3.50E-04	1.11E-07	3.22E-08	1.26E-02	3.98E-06	1.16E-06	1.62E-04	5.10E-08	1.48E-08
2752 490710.04, 3859310.04	1.15E-02	3.62E-06	1.05E-06	3.06E-04	9.64E-08	2.80E-08	1.15E-02	3.63E-06	1.06E-06	3.53E-04	1.11E-07	3.24E-08	1.19E-02	3.76E-06	1.09E-06	1.62E-04	5.13E-08	1.49E-08
2753 490760.04, 3859310.04	1.10E-02	3.48E-06	1.01E-06	3.07E-04	9.69E-08	2.82E-08	1.11E-02	3.50E-06	1.02E-06	3.54E-04	1.12E-07	3.25E-08	1.14E-02	3.61E-06	1.05E-06	1.63E-04	5.15E-08	1.50E-08
2754 490810.04, 3859310.04	1.07E-02	3.39E-06	9.87E-07	3.09E-04	9.74E-08	2.83E-08	1.08E-02	3.41E-06	9.92E-07	3.56E-04	1.12E-07	3.27E-08	1.11E-02	3.52E-06	1.02E-06	1.64E-04	5.18E-08	1.51E-08
2755 490860.04, 3859310.04	1.04E-02	3.27E-06	9.52E-07	3.10E-04	9.79E-08	2.85E-08	1.04E-02	3.29E-06	9.57E-07	3.58E-04	1.13E-07	3.29E-08	1.07E-02	3.39E-06	9.86E-07	1.65E-04	5.20E-08	1.51E-08
2756 490360.04, 3859360.04	1.51E-02	4.75E-06	1.38E-06	2.86E-04	9.02E-08	2.62E-08	1.51E-02	4.77E-06	1.39E-06	3.30E-04	1.04E-07	3.03E-08	1.57E-02	4.96E-06	1.44E-06	1.53E-04	4.82E-08	1.40E-08
2757 490410.04, 3859360.04	1.46E-02	4.61E-06	1.34E-06	2.87E-04	9.05E-08	2.63E-08	1.47E-02	4.63E-06	1.35E-06	3.31E-04	1.04E-07	3.04E-08	1.52E-02	4.81E-06	1.40E-06	1.53E-04	4.83E-08	1.40E-08
2758 490460.04, 3859360.04	1.42E-02	4.48E-06	1.30E-06	2.87E-04	9.07E-08	2.64E-08	1.42E-02	4.49E-06	1.31E-06	3.32E-04	1.05E-07	3.05E-08	1.48E-02	4.67E-06	1.36E-06	1.53E-04	4.84E-08	1.41E-08
2759 490510.04, 3859360.04	1.38E-02	4.35E-06	1.27E-06	2.88E-04	9.10E-08	2.65E-08	1.38E-02	4.36E-06	1.27E-06	3.33E-04	1.05E-07	3.06E-08	1.44E-02	4.53E-06	1.32E-06	1.54E-04	4.85E-08	1.41E-08
2760 490560.04, 3859360.04	1.33E-02	4.19E-06	1.22E-06	2.90E-04	9.15E-08	2.66E-08	1.33E-02	4.21E-06	1.22E-06	3.34E-04	1.06E-07	3.07E-08	1.38E-02	4.36E-06	1.27E-06	1.54E-04	4.87E-08	1.42E-08
2761 490610.04, 3859360.04	1.28E-02	4.04E-06	1.18E-06	2.91E-04	9.19E-08	2.67E-08	1.29E-02	4.06E-06	1.18E-06	3.36E-04	1.06E-07	3.09E-08	1.33E-02	4.21E-06	1.22E-06	1.55E-04	4.89E-08	1.42E-08
2762 490660.04, 3859360.04	1.24E-02	3.92E-06	1.14E-06	2.93E-04	9.23E-08	2.69E-08	1.25E-02	3.93E-06	1.14E-06	3.38E-04	1.07E-07	3.10E-08	1.29E-02	4.07E-06	1.19E-06	1.56E-04	4.91E-08	1.43E-08
2763 490710.04, 3859360.04	1.19E-02	3.76E-06	1.09E-06	2.94E-04	9.29E-08	2.70E-08	1.20E-02	3.77E-06	1.10E-06	3.40E-04	1.07E-07	3.12E-08	1.24E-02	3.91E-06	1.14E-06	1.57E-04	4.94E-08	1.44E-08
2764 490760.04, 3859360.04	1.14E-02	3.59E-06	1.05E-06	2.96E-04	9.34E-08	2.72E-08	1.14E-02	3.61E-06	1.05E-06	3.41E-04	1.08E-07	3.13E-08	1.18E-02	3.73E-06	1.09E-06	1.57E-04	4.97E-08	1.44E-08
2765 490810.04, 3859360.04	1.12E-02	3.53E-06	1.03E-06	2.97E-04	9.38E-08	2.73E-08	1.12E-02	3.54E-06	1.03E-06	3.43E-04	1.08E-07	3.15E-08	1.16E-02	3.66E-06	1.06E-06	1.58E-04	4.99E-08	1.45E-08
2766 490860.04, 3859360.04	1.08E-02	3.41E-06	9.93E-07	2.99E-04	9.43E-08	2.74E-08	1.09E-02	3.43E-06	9.98E-07	3.45E-04	1.09E-07	3.17E-08	1.12E-02	3.54E-06	1.03E-06	1.59E-04	5.01E-08	1.46E-08
2767 490360.04, 3859410.04	1.53E-02	4.83E-06	1.40E-06	2.77E-04	8.74E-08	2.54E-08	1.53E-02	4.84E-06	1.41E-06	3.19E-04	1.01E-07	2.93E-08	1.60E-02	5.04E-06	1.47E-06	1.48E-04	4.67E-08	1.36E-08
2768 490410.04, 3859410.04	1.49E-02	4.70E-06	1.37E-06	2.77E-04	8.75E-08	2.55E-08	1.49E-02	4.71E-06	1.37E-06	3.20E-04	1.01E-07	2.94E-08	1.55E-02	4.90E-06	1.42E-06	1.48E-04	4.67E-08	1.36E-08

2769	490460.04, 3859410.04	1.45E-02	4.56E-06	1.33E-06	2.78E-04	8.77E-08	2.55E-08	1.45E-02	4.58E-06	1.33E-06	3.21E-04	1.01E-07	2.94E-08	1.51E-02	4.76E-06	1.38E-06	1.48E-04	4.68E-08	1.36E-08
2770	490510.04, 3859410.04	1.40E-02	4.43E-06	1.29E-06	2.79E-04	8.80E-08	2.56E-08	1.41E-02	4.45E-06	1.29E-06	3.22E-04	1.02E-07	2.95E-08	1.46E-02	4.62E-06	1.34E-06	1.49E-04	4.69E-08	1.36E-08
2771	490560.04, 3859410.04	1.36E-02	4.31E-06	1.25E-06	2.80E-04	8.83E-08	2.57E-08	1.37E-02	4.32E-06	1.26E-06	3.23E-04	1.02E-07	2.96E-08	1.42E-02	4.49E-06	1.31E-06	1.49E-04	4.70E-08	1.37E-08
2772	490610.04, 3859410.04	1.32E-02	4.18E-06	1.22E-06	2.81E-04	8.86E-08	2.58E-08	1.33E-02	4.20E-06	1.22E-06	3.24E-04	1.02E-07	2.97E-08	1.38E-02	4.35E-06	1.27E-06	1.50E-04	4.72E-08	1.37E-08
2773	490660.04, 3859410.04	1.27E-02	4.02E-06	1.17E-06	2.82E-04	8.91E-08	2.59E-08	1.28E-02	4.03E-06	1.17E-06	3.26E-04	1.03E-07	2.99E-08	1.32E-02	4.18E-06	1.22E-06	1.50E-04	4.74E-08	1.38E-08
2774	490710.04, 3859410.04	1.23E-02	3.87E-06	1.13E-06	2.84E-04	8.95E-08	2.60E-08	1.23E-02	3.89E-06	1.13E-06	3.27E-04	1.03E-07	3.00E-08	1.28E-02	4.03E-06	1.17E-06	1.51E-04	4.76E-08	1.39E-08
2775	490760.04, 3859410.04	1.17E-02	3.70E-06	1.08E-06	2.85E-04	9.00E-08	2.62E-08	1.18E-02	3.72E-06	1.08E-06	3.29E-04	1.04E-07	3.02E-08	1.22E-02	3.85E-06	1.12E-06	1.52E-04	4.79E-08	1.39E-08
2776	490810.04, 3859410.04	1.15E-02	3.62E-06	1.05E-06	2.86E-04	9.04E-08	2.63E-08	1.15E-02	3.64E-06	1.06E-06	3.31E-04	1.04E-07	3.03E-08	1.19E-02	3.76E-06	1.10E-06	1.52E-04	4.81E-08	1.40E-08
2777	490860.04, 3859410.04	1.13E-02	3.57E-06	1.04E-06	2.88E-04	9.08E-08	2.64E-08	1.13E-02	3.58E-06	1.04E-06	3.32E-04	1.05E-07	3.05E-08	1.17E-02	3.70E-06	1.08E-06	1.53E-04	4.83E-08	1.40E-08
2778	490360.04, 3859460.04	1.54E-02	4.87E-06	1.42E-06	2.69E-04	8.48E-08	2.47E-08	1.55E-02	4.89E-06	1.42E-06	3.10E-04	9.78E-08	2.85E-08	1.61E-02	5.09E-06	1.48E-06	1.44E-04	4.53E-08	1.32E-08
2779	490410.04, 3859460.04	1.50E-02	4.74E-06	1.38E-06	2.69E-04	8.49E-08	2.47E-08	1.51E-02	4.75E-06	1.38E-06	3.10E-04	9.80E-08	2.85E-08	1.57E-02	4.95E-06	1.44E-06	1.44E-04	4.53E-08	1.32E-08
2780	490460.04, 3859460.04	1.46E-02	4.61E-06	1.34E-06	2.69E-04	8.50E-08	2.47E-08	1.47E-02	4.63E-06	1.35E-06	3.11E-04	9.81E-08	2.85E-08	1.53E-02	4.82E-06	1.40E-06	1.44E-04	4.54E-08	1.32E-08
2781	490510.04, 3859460.04	1.42E-02	4.49E-06	1.31E-06	2.70E-04	8.52E-08	2.48E-08	1.43E-02	4.50E-06	1.31E-06	3.11E-04	9.83E-08	2.86E-08	1.48E-02	4.68E-06	1.36E-06	1.44E-04	4.54E-08	1.32E-08
2782	490560.04, 3859460.04	1.39E-02	4.37E-06	1.27E-06	2.71E-04	8.54E-08	2.48E-08	1.39E-02	4.39E-06	1.28E-06	3.12E-04	9.85E-08	2.87E-08	1.44E-02	4.56E-06	1.33E-06	1.44E-04	4.55E-08	1.32E-08
2783	490610.04, 3859460.04	1.34E-02	4.24E-06	1.23E-06	2.71E-04	8.57E-08	2.49E-08	1.35E-02	4.26E-06	1.24E-06	3.13E-04	9.89E-08	2.88E-08	1.40E-02	4.42E-06	1.29E-06	1.45E-04	4.57E-08	1.33E-08
2784	490660.04, 3859460.04	1.30E-02	4.11E-06	1.19E-06	2.73E-04	8.60E-08	2.50E-08	1.31E-02	4.12E-06	1.20E-06	3.15E-04	9.93E-08	2.89E-08	1.36E-02	4.28E-06	1.24E-06	1.45E-04	4.58E-08	1.33E-08
2785	490710.04, 3859460.04	1.27E-02	3.99E-06	1.16E-06	2.73E-04	8.63E-08	2.51E-08	1.27E-02	4.01E-06	1.17E-06	3.16E-04	9.96E-08	2.90E-08	1.32E-02	4.16E-06	1.21E-06	1.46E-04	4.60E-08	1.34E-08
2786	490760.04, 3859460.04	1.22E-02	3.86E-06	1.12E-06	2.75E-04	8.67E-08	2.52E-08	1.23E-02	3.88E-06	1.13E-06	3.17E-04	1.00E-07	2.91E-08	1.27E-02	4.02E-06	1.17E-06	1.46E-04	4.62E-08	1.34E-08
2787	490810.04, 3859460.04	1.19E-02	3.74E-06	1.09E-06	2.76E-04	8.71E-08	2.53E-08	1.19E-02	3.76E-06	1.09E-06	3.19E-04	1.01E-07	2.93E-08	1.23E-02	3.89E-06	1.13E-06	1.47E-04	4.64E-08	1.35E-08
2788	490860.04, 3859460.04	1.16E-02	3.67E-06	1.07E-06	2.77E-04	8.75E-08	2.54E-08	1.17E-02	3.68E-06	1.07E-06	3.20E-04	1.01E-07	2.94E-08	1.21E-02	3.82E-06	1.11E-06	1.47E-04	4.65E-08	1.35E-08
2789	490360.04, 3859510.04	1.55E-02	4.90E-06	1.43E-06	2.61E-04	8.25E-08	2.40E-08	1.56E-02	4.91E-06	1.43E-06	3.02E-04	9.52E-08	2.77E-08	1.62E-02	5.12E-06	1.49E-06	1.40E-04	4.41E-08	1.28E-08
2790	490410.04, 3859510.04	1.52E-02	4.78E-06	1.39E-06	2.61E-04	8.25E-08	2.40E-08	1.52E-02	4.80E-06	1.39E-06	3.01E-04	9.51E-08	2.77E-08	1.58E-02	4.99E-06	1.45E-06	1.40E-04	4.41E-08	1.28E-08
2791	490460.04, 3859510.04	1.48E-02	4.66E-06	1.35E-06	2.61E-04	8.25E-08	2.40E-08	1.48E-02	4.67E-06	1.36E-06	3.02E-04	9.52E-08	2.77E-08	1.54E-02	4.86E-06	1.41E-06	1.40E-04	4.41E-08	1.28E-08
2792	490510.04, 3859510.04	1.44E-02	4.54E-06	1.32E-06	2.62E-04	8.26E-08	2.40E-08	1.44E-02	4.55E-06	1.32E-06	3.02E-04	9.53E-08	2.77E-08	1.50E-02	4.74E-06	1.38E-06	1.40E-04	4.41E-08	1.28E-08
2793	490560.04, 3859510.04	1.40E-02	4.42E-06	1.29E-06	2.62E-04	8.27E-08	2.41E-08	1.41E-02	4.44E-06	1.29E-06	3.02E-04	9.55E-08	2.78E-08	1.46E-02	4.61E-06	1.34E-06	1.40E-04	4.41E-08	1.28E-08
2794	490610.04, 3859510.04	1.36E-02	4.30E-06	1.25E-06	2.63E-04	8.30E-08	2.41E-08	1.37E-02	4.31E-06	1.25E-06	3.03E-04	9.57E-08	2.78E-08	1.42E-02	4.48E-06	1.30E-06	1.40E-04	4.42E-08	1.29E-08
2795	490660.04, 3859510.04	1.32E-02	4.18E-06	1.22E-06	2.64E-04	8.32E-08	2.42E-08	1.33E-02	4.19E-06	1.22E-06	3.04E-04	9.60E-08	2.79E-08	1.38E-02	4.36E-06	1.27E-06	1.40E-04	4.43E-08	1.29E-08
2796	490710.04, 3859510.04	1.29E-02	4.06E-06	1.18E-06	2.65E-04	8.35E-08	2.43E-08	1.29E-02	4.07E-06	1.18E-06	3.05E-04	9.63E-08	2.80E-08	1.34E-02	4.23E-06	1.23E-06	1.41E-04	4.45E-08	1.29E-08
2797	490760.04, 3859510.04	1.25E-02	3.94E-06	1.15E-06	2.65E-04	8.38E-08	2.44E-08	1.25E-02	3.96E-06	1.15E-06	3.06E-04	9.67E-08	2.81E-08	1.30E-02	4.11E-06	1.19E-06	1.41E-04	4.46E-08	1.30E-08
2798	490810.04, 3859510.04	1.22E-02	3.84E-06	1.12E-06	2.66E-04	8.41E-08	2.45E-08	1.22E-02	3.86E-06	1.12E-06	3.07E-04	9.70E-08	2.82E-08	1.27E-02	4.00E-06	1.16E-06	1.42E-04	4.47E-08	1.30E-08
2799	490860.04, 3859510.04	1.18E-02	3.74E-06	1.09E-06	2.68E-04	8.44E-08	2.46E-08	1.19E-02	3.75E-06	1.09E-06	3.09E-04	9.74E-08	2.83E-08	1.23E-02	3.89E-06	1.13E-06	1.42E-04	4.49E-08	1.31E-08
2800	490360.04, 3859560.04	1.56E-02	4.92E-06	1.43E-06	2.55E-04	8.04E-08	2.34E-08	1.56E-02	4.93E-06	1.43E-06	2.94E-04	9.27E-08	2.70E-08	1.63E-02	5.14E-06	1.49E-06	1.36E-04	4.30E-08	1.25E-08
2801	490410.04, 3859560.04	1.52E-02	4.80E-06	1.40E-06	2.54E-04	8.02E-08	2.33E-08	1.53E-02	4.82E-06	1.40E-06	2.93E-04	9.26E-08	2.69E-08	1.59E-02	5.02E-06	1.46E-06	1.36E-04	4.29E-08	1.25E-08
2802	490460.04, 3859560.04	1.49E-02	4.69E-06	1.36E-06	2.54E-04	8.02E-08	2.33E-08	1.49E-02	4.70E-06	1.37E-06	2.93E-04	9.25E-08	2.69E-08	1.55E-02	4.90E-06	1.42E-06	1.36E-04	4.28E-08	1.25E-08
2803	490510.04, 3859560.04	1.45E-02	4.57E-06	1.33E-06	2.54E-04	8.03E-08	2.34E-08	1.45E-02	4.58E-06	1.33E-06	2.93E-04	9.26E-08	2.69E-08	1.51E-02	4.77E-06	1.39E-06	1.36E-04	4.29E-08	1.25E-08
2804	490560.04, 3859560.04	1.41E-02	4.46E-06	1.30E-06	2.54E-04	8.03E-08	2.34E-08	1.42E-02	4.48E-06	1.30E-06	2.94E-04	9.26E-08	2.69E-08	1.48E-02	4.66E-06	1.35E-06	1.36E-04	4.28E-08	1.25E-08
2805	490610.04, 3859560.04	1.38E-02	4.35E-06	1.26E-06	2.55E-04	8.04E-08	2.34E-08	1.38E-02	4.36E-06	1.27E-06	2.94E-04	9.28E-08	2.70E-08	1.44E-02	4.54E-06	1.32E-06	1.36E-04	4.29E-08	1.25E-08
2806	490660.04, 3859560.04	1.34E-02	4.23E-06	1.23E-06	2.55E-04	8.06E-08	2.34E-08	1.35E-02	4.25E-06	1.24E-06	2.95E-04	9.30E-08	2.71E-08	1.40E-02	4.42E-06	1.28E-06	1.36E-04	4.30E-08	1.25E-08
2807	490710.04, 3859560.04	1.30E-02	4.12E-06	1.20E-06	2.56E-04	8.08E-08	2.35E-08	1.31E-02	4.13E-06	1.20E-06	2.96E-04	9.33E-08	2.71E-08	1.36E-02	4.29E-06	1.25E-06	1.36E-04	4.31E-08	1.25E-08
2808	490760.04, 3859560.04	1.26E-02	3.99E-06	1.16E-06	2.57E-04	8.11E-08	2.36E-08	1.27E-02	4.00E-06	1.16E-06	2.97E-04	9.36E-08	2.72E-08	1.32E-02	4.16E-06	1.21E-06	1.37E-04	4.32E-08	1.26E-08
2809	490810.04, 3859560.04	1.23E-02	3.88E-06	1.13E-06	2.58E-04	8.14E-08	2.37E-08	1.23E-02	3.89E-06	1.13E-06	2.98E-04	9.39E-08	2.73E-08	1.28E-02	4.04E-06	1.18E-06	1.37E-04	4.33E-08	1.26E-08
2810	490860.04, 3859560.04	1.19E-02	3.77E-06	1.10E-06	2.59E-04	8.17E-08	2.38E-08	1.20E-02	3.78E-06	1.10E-06	2.99E-04	9.43E-08	2.74E-08	1.24E-02	3.93E-06	1.14E-06	1.38E-04	4.35E-08	1.26E-08
2811	490187.25, 3859422.08	1.69E-02	5.33E-06	1.55E-06	2.75E-04	8.68E-08	2.52E-08	1.69E-02	5.34E-06	1.55E-06	3.17E-04	1.00E-07	2.91E-08	1.76E-02	5.56E-06	1.62E-06	1.47E-04	4.64E-08	1.35E-08
2812	490237.25, 3859422.08	1.64E-02	5.18E-06	1.51E-06	2.75E-04	8.67E-08	2.52E-08	1.65E-02	5.20E-06	1.51E-06	3.17E-04	1.00E-07	2.91E-08	1.71E-02	5.41E-06	1.57E-06	1.47E-04	4.64E-08	1.35E-08
2813	490287.25, 3859422.08	1.60E-02	5.04E-06	1.47E-06	2.75E-04	8.67E-08	2.52E-08	1.60E-02	5.06E-06	1.47E-06	3.17E-04	1.00E-07	2.91E-08	1.67E-02	5.27E-06	1.53E-06	1.47E-04	4.63E-08	1.35E-08
2814	490337.25, 3859422.08	1.55E-02	4.90E-06	1.42E-06	2.75E-04	8.67E-08	2.52E-08	1.56E-02	4.91E-06	1.43E-06	3.17E-04	1.00E-07	2.91E-08	1.62E-02	5.11E-06	1.49E-06	1.47E-04	4.63E-08	1.35E-08
2815	490187.25, 3859472.08	1.69E-02	5.33E-06	1.55E-06	2.68E-04	8.46E-08	2.46E-08	1.69E-02	5.35E-06	1.56E-06	3.09E-04	9.76E-08	2.84E-08	1.77E-02	5.57E-06	1.62E-06	1.44E-04	4.53E-08	1.32E-08
2816	490237.25, 3859472.08	1.65E-02	5.20E-06	1.51E-06	2.68E-04	8.44E-08	2.46E-08	1.65E-02	5.21E-06	1.52E-06	3.09E-04	9.74E-08	2.83E-08	1.72E-02	5.43E-06	1.58E-06	1.43E-04	4.52E-08	1.31E-08
2817	490287.25, 3859472.08	1.60E-02	5.06E-06	1.47E-06	2.67E-04	8.44E-08	2.45E-08	1.61E-02	5.07E-06	1.48E-06	3.08E-04	9.73E-08	2.83E-08	1.67E-02	5.29E-06	1.54E-06	1.43E-04	4.51E-08	1.31E-08
2818	490337.25, 3859472.08	1.56E-02	4.94E-06	1.44E-06	2.67E-04	8.43E-08	2.45E-08	1.57E-02	4.95E-06	1.44E-06	3.08E-04	9.72E-08	2.83E-08	1.63E-02	5.16E-06	1.50E-06	1.43E-04	4.50E-08	1.31E-08
2819	490297.07, 3859500.42	1.60E-02	5.05E-06	1.47E-06	2.63E-04	8.31E-08	2.42E-08	1.60E-02	5.06E-06	1.47E-06	3.04E-04	9.58E-08	2.79E-08	1.67E-02	5.27E-06	1.53E-06	1.41E-04	4.44E-08	1.29E-08
2820	490327.07, 3859500.42	1.58E-02	4.98E-06	1.45E-06	2.63E-04	8.29E-08	2.41E-08	1.58E-02	5.00E-06	1.45E-06	3.03E-04	9.57E-08	2.78E-08	1.65E-02	5.20E-06	1.51E-06	1.40E-04	4.43E-08	1.29E-08
2821	490297.07, 3859530.42	1.60E-02	5.06E-06	1.47E-06	2.59E-04	8.17E-08	2.38E-08	1.61E-02	5.08E-06	1.48E-06	2.99E-04	9.43E-08	2.74E-08	1.68E-02	5.29E-06	1.54E-06	1.39E-04	4.37E-08	1.27E-08
2822	490327.07, 3859530.42	1.58E-02	4.99E-06	1.45E-06	2.59E-04	8.17E-08	2.38E-08	1.59E-02	5.00E-06	1.46E-06	2.98E-04	9.42E-08	2.74E-08	1.65E-02	5.21E-06	1.52E-06	1.38E-04	4.37E-08	1.27E-08
2823	490319.73, 3859055.34	1.45E-02	4.58E-06	1.33E-06	3.54E-04	1.12E-07	3.25E-08	1.46E-02	4.60E-06	1.34E-06	4.09E-04	1.29E-07	3.75E-08	1.51E-02	4.76E-06	1.39E-06	1.88E-04	5.95E-08	1.73E-08
2824	490319.73, 3859105.34	1.46E-02	4.62E-06	1.34E-06	3.41E-04	1.08E-07	3.13E-08	1.47E-02	4.63E-06	1.35E-06	3.93E-04	1.24E-07	3.61E-08	1.52E-02	4.80E-06	1.40E-06	1.81E-04	5.72E-08	1.66E-08
2825	490069.73, 3859155.34	1.72E-02	5.44E-06	1.58E-06	3.21E-04	1.01E-07	2.95E-08	1.73E-02	5.46E-06	1.59E-06	3.71E-04	1.17E-07	3.40E-08	1.80E-02	5.67E-06	1.65E-06	1.72E-04	5.41E-08	1.57E-08
2826	490119.73, 3859155.34	1.68E-02	5.29E-06	1.54E-06	3.22E-04	1.02E-07	2.96E-08	1.68E-02	5.31E-06	1.54E-06	3.72E-04	1.17E-07	3.41E-08	1.75E-02	5.52E-06	1.60E-06	1.72E-04	5.42E-08	1.58E-08
2827	490269.73, 3859155.34	1.54E-02	4.86E-06	1.41E-06	3.26E-04	1.03E-07	2.99E-08	1.55E-02	4.88E-06	1.42E-06	3.76E-04	1.19E-07	3.45E-08	1.61E-02	5.07E-06	1.47E-06	1.73E-04	5.47E-08	1.59E-08
2828	490319.73, 3859155.34	1.48E-02	4.68E-06	1.36E-06	3.28E-04	1.03E-07	3.01E-08	1.49E-02	4.69E-06	1.37E-06	3.78E-04	1.19E-07	3.47E-08	1.54E-02	4.87E-06	1.42E-06	1.75E-04	5.51E-08	1.60E-08
2829	490069.73, 3859205.34	1.75E-02	5.54E-06	1.61E-06	3.11E-04	9.81E-08	2.85E-08	1.76E-02	5.55E-06	1.62E-06	3.59E-04	1.13E-07	3.29E-08	1.83E-02	5.78E-06	1.68E-06	1.66E-04	5.24E-08	1.52E-08
2830	490119.73, 3859205.34	1.71E-02	5.41E-06	1.57E-06	3.11E-04	9.81E-08	2.85E-08	1.72E-02	5.43E-06	1.58E-06	3.59E-04	1.13E-07	3.29E-08	1.79E-02	5.65E-06	1.64E-06	1.66E-04	5.24E-08	1.52E-08
2831	490169.73, 3859205.34	1.67E-02	5.26E-06	1.53E-06	3.11E-04	9.83E-08	2.86E-08	1.67E-02	5.27E-06	1.53E-06	3.59E-04	1.13E-07	3.30E-08	1.74E-02	5.48E-06	1.59E-06	1.66E-04	5.24E-08	1.53E-08
2832	490219.73, 3859205.34	1.61E-02	5.07E-06	1.48E-06	3.13E-04	9.87E-08	2.87E-08	1.61E-02	5.09E-06	1.48E-06	3.61E-04	1.14E-07	3.31E-08	1.68E-02	5.29E-06	1.54E-06	1.67E-04	5.27E-08	1.53E-08
2833	490269.73, 3859205.34	1.54E-02	4.87E-06	1.42E-06	3.15E-04	9.94E-08	2.89E-08	1.55E-02	4.88E-06	1.42E-06	3.63E-04	1.15E-07	3.34E-08	1.61E-02	5.07E-06	1.48E-06	1.68E-04	5.30E-08	1.54E-08
2834	490319.73, 3859205.34	1.49E-02	4.71E-06	1.37E-06	3.16E-04	9.98E-08	2.90E-08	1.50E-02	4.73E-06	1.37E-06	3.65E-04	1.15E-07	3.35E-08	1.55E-02	4.91E-06	1.43E-06	1.69E-04	5.32E-08	1.55E-08

2835	490069.73, 3859255.34	1.77E-02	5.58E-06	1.62E-06	3.02E-04	9.53E-08	2.77E-08	1.77E-02	5.60E-06	1.63E-06	3.48E-04	1.10E-07	3.20E-08	1.85E-02	5.83E-06	1.70E-06	1.61E-04	5.09E-08	1.48E-08
2836	490119.73, 3859255.34	1.73E-02	5.45E-06	1.58E-06	3.02E-04	9.52E-08	2.77E-08	1.73E-02	5.46E-06	1.59E-06	3.48E-04	1.10E-07	3.19E-08	1.80E-02	5.69E-06	1.65E-06	1.61E-04	5.09E-08	1.48E-08
2837	490169.73, 3859255.34	1.68E-02	5.30E-06	1.54E-06	3.02E-04	9.53E-08	2.77E-08	1.68E-02	5.31E-06	1.55E-06	3.48E-04	1.10E-07	3.20E-08	1.75E-02	5.53E-06	1.61E-06	1.61E-04	5.09E-08	1.48E-08
2838	490219.73, 3859255.34	1.62E-02	5.12E-06	1.49E-06	3.03E-04	9.56E-08	2.78E-08	1.63E-02	5.13E-06	1.49E-06	3.49E-04	1.10E-07	3.21E-08	1.69E-02	5.34E-06	1.55E-06	1.62E-04	5.10E-08	1.48E-08
2839	490269.73, 3859255.34	1.56E-02	4.93E-06	1.43E-06	3.04E-04	9.60E-08	2.79E-08	1.57E-02	4.95E-06	1.44E-06	3.51E-04	1.11E-07	3.22E-08	1.63E-02	5.14E-06	1.50E-06	1.62E-04	5.12E-08	1.49E-08
2840	490319.73, 3859255.34	1.51E-02	4.77E-06	1.39E-06	3.05E-04	9.64E-08	2.80E-08	1.52E-02	4.79E-06	1.39E-06	3.52E-04	1.11E-07	3.23E-08	1.58E-02	4.97E-06	1.45E-06	1.63E-04	5.14E-08	1.49E-08
2841	490069.73, 3859305.34	1.78E-02	5.61E-06	1.63E-06	2.94E-04	9.28E-08	2.70E-08	1.78E-02	5.63E-06	1.64E-06	3.39E-04	1.07E-07	3.11E-08	1.86E-02	5.86E-06	1.70E-06	1.57E-04	4.96E-08	1.44E-08
2842	490119.73, 3859305.34	1.74E-02	5.48E-06	1.59E-06	2.93E-04	9.25E-08	2.69E-08	1.74E-02	5.49E-06	1.60E-06	3.38E-04	1.07E-07	3.10E-08	1.81E-02	5.72E-06	1.66E-06	1.57E-04	4.95E-08	1.44E-08
2843	490169.73, 3859305.34	1.69E-02	5.33E-06	1.55E-06	2.93E-04	9.25E-08	2.69E-08	1.69E-02	5.35E-06	1.55E-06	3.38E-04	1.07E-07	3.10E-08	1.76E-02	5.57E-06	1.62E-06	1.57E-04	4.94E-08	1.44E-08
2844	490219.73, 3859305.34	1.64E-02	5.17E-06	1.50E-06	2.94E-04	9.26E-08	2.69E-08	1.64E-02	5.18E-06	1.51E-06	3.39E-04	1.07E-07	3.11E-08	1.71E-02	5.39E-06	1.57E-06	1.57E-04	4.95E-08	1.44E-08
2845	490269.73, 3859305.34	1.58E-02	5.00E-06	1.45E-06	2.94E-04	9.29E-08	2.70E-08	1.59E-02	5.01E-06	1.46E-06	3.39E-04	1.07E-07	3.12E-08	1.65E-02	5.22E-06	1.52E-06	1.57E-04	4.96E-08	1.44E-08
2846	490319.73, 3859305.34	1.53E-02	4.82E-06	1.40E-06	2.95E-04	9.33E-08	2.71E-08	1.53E-02	4.83E-06	1.41E-06	3.41E-04	1.08E-07	3.13E-08	1.59E-02	5.02E-06	1.46E-06	1.58E-04	4.97E-08	1.45E-08
2847	490069.73, 3859355.34	1.79E-02	5.64E-06	1.64E-06	2.86E-04	9.04E-08	2.63E-08	1.79E-02	5.66E-06	1.65E-06	3.30E-04	1.04E-07	3.03E-08	1.87E-02	5.90E-06	1.72E-06	1.53E-04	4.84E-08	1.41E-08
2848	490119.73, 3859355.34	1.75E-02	5.51E-06	1.60E-06	2.85E-04	9.00E-08	2.62E-08	1.75E-02	5.52E-06	1.61E-06	3.29E-04	1.04E-07	3.02E-08	1.82E-02	5.76E-06	1.67E-06	1.53E-04	4.81E-08	1.40E-08
2849	490169.73, 3859355.34	1.70E-02	5.36E-06	1.56E-06	2.85E-04	8.99E-08	2.61E-08	1.70E-02	5.38E-06	1.56E-06	3.28E-04	1.04E-07	3.02E-08	1.77E-02	5.60E-06	1.63E-06	1.52E-04	4.81E-08	1.40E-08
2850	490219.73, 3859355.34	1.65E-02	5.20E-06	1.51E-06	2.85E-04	9.00E-08	2.62E-08	1.65E-02	5.22E-06	1.52E-06	3.29E-04	1.04E-07	3.02E-08	1.72E-02	5.43E-06	1.58E-06	1.52E-04	4.81E-08	1.40E-08
2851	490269.73, 3859355.34	1.60E-02	5.05E-06	1.47E-06	2.85E-04	9.00E-08	2.62E-08	1.61E-02	5.07E-06	1.47E-06	3.29E-04	1.04E-07	3.02E-08	1.67E-02	5.27E-06	1.53E-06	1.52E-04	4.81E-08	1.40E-08
2852	490319.73, 3859355.34	1.55E-02	4.89E-06	1.42E-06	2.86E-04	9.03E-08	2.63E-08	1.55E-02	4.90E-06	1.43E-06	3.30E-04	1.04E-07	3.03E-08	1.62E-02	5.10E-06	1.48E-06	1.53E-04	4.82E-08	1.40E-08
2853	490069.73, 3859405.34	1.79E-02	5.66E-06	1.65E-06	2.79E-04	8.81E-08	2.56E-08	1.80E-02	5.68E-06	1.65E-06	3.22E-04	1.02E-07	2.96E-08	1.88E-02	5.92E-06	1.72E-06	1.50E-04	4.72E-08	1.37E-08
2854	490119.73, 3859405.34	1.75E-02	5.52E-06	1.61E-06	2.78E-04	8.78E-08	2.55E-08	1.75E-02	5.54E-06	1.61E-06	3.21E-04	1.01E-07	2.94E-08	1.83E-02	5.77E-06	1.68E-06	1.49E-04	4.70E-08	1.37E-08
2855	490169.73, 3859405.34	1.70E-02	5.37E-06	1.56E-06	2.77E-04	8.76E-08	2.55E-08	1.71E-02	5.39E-06	1.57E-06	3.20E-04	1.01E-07	2.94E-08	1.78E-02	5.61E-06	1.63E-06	1.48E-04	4.68E-08	1.36E-08
2856	490219.73, 3859405.34	1.66E-02	5.23E-06	1.52E-06	2.77E-04	8.75E-08	2.54E-08	1.66E-02	5.24E-06	1.53E-06	3.20E-04	1.01E-07	2.93E-08	1.73E-02	5.46E-06	1.59E-06	1.48E-04	4.68E-08	1.36E-08
2857	490269.73, 3859405.34	1.61E-02	5.08E-06	1.48E-06	2.77E-04	8.75E-08	2.55E-08	1.61E-02	5.09E-06	1.48E-06	3.20E-04	1.01E-07	2.94E-08	1.68E-02	5.30E-06	1.54E-06	1.48E-04	4.68E-08	1.36E-08
2858	490319.73, 3859405.34	1.56E-02	4.93E-06	1.43E-06	2.78E-04	8.76E-08	2.55E-08	1.57E-02	4.94E-06	1.44E-06	3.20E-04	1.01E-07	2.94E-08	1.63E-02	5.14E-06	1.50E-06	1.48E-04	4.68E-08	1.36E-08
2859	490161.89, 3859541.83	1.71E-02	5.40E-06	1.57E-06	2.60E-04	8.22E-08	2.39E-08	1.71E-02	5.41E-06	1.57E-06	3.00E-04	9.48E-08	2.76E-08	1.79E-02	5.64E-06	1.64E-06	1.39E-04	4.40E-08	1.28E-08
2860	490171.89, 3859541.83	1.70E-02	5.37E-06	1.56E-06	2.60E-04	8.21E-08	2.39E-08	1.71E-02	5.38E-06	1.57E-06	3.00E-04	9.47E-08	2.75E-08	1.78E-02	5.62E-06	1.63E-06	1.39E-04	4.40E-08	1.28E-08
2861	490161.89, 3859551.83	1.71E-02	5.39E-06	1.57E-06	2.59E-04	8.18E-08	2.38E-08	1.71E-02	5.41E-06	1.57E-06	2.99E-04	9.44E-08	2.74E-08	1.79E-02	5.64E-06	1.64E-06	1.39E-04	4.38E-08	1.28E-08
2862	490171.89, 3859551.83	1.70E-02	5.37E-06	1.56E-06	2.59E-04	8.18E-08	2.38E-08	1.71E-02	5.38E-06	1.57E-06	2.99E-04	9.43E-08	2.74E-08	1.78E-02	5.61E-06	1.63E-06	1.39E-04	4.38E-08	1.27E-08
2863	489799.72, 3859348.21	2.08E-02	6.57E-06	1.91E-06	2.96E-04	9.35E-08	2.72E-08	2.09E-02	6.58E-06	1.91E-06	3.42E-04	1.08E-07	3.14E-08	2.18E-02	6.87E-06	2.00E-06	1.59E-04	5.02E-08	1.46E-08
2864	489819.72, 3859348.21	2.06E-02	6.49E-06	1.89E-06	2.95E-04	9.32E-08	2.71E-08	2.06E-02	6.50E-06	1.89E-06	3.41E-04	1.07E-07	3.13E-08	2.15E-02	6.79E-06	1.97E-06	1.58E-04	5.00E-08	1.45E-08
2865	489799.72, 3859368.21	2.08E-02	6.56E-06	1.91E-06	2.94E-04	9.28E-08	2.70E-08	2.08E-02	6.58E-06	1.91E-06	3.39E-04	1.07E-07	3.11E-08	2.18E-02	6.87E-06	2.00E-06	1.58E-04	4.98E-08	1.45E-08
2866	489819.72, 3859368.21	2.05E-02	6.48E-06	1.89E-06	2.93E-04	9.26E-08	2.69E-08	2.06E-02	6.50E-06	1.89E-06	3.38E-04	1.07E-07	3.10E-08	2.15E-02	6.78E-06	1.97E-06	1.57E-04	4.96E-08	1.44E-08
2867	489775.41, 3859329.72	2.11E-02	6.67E-06	1.94E-06	2.99E-04	9.45E-08	2.75E-08	2.12E-02	6.69E-06	1.95E-06	3.45E-04	1.09E-07	3.17E-08	2.21E-02	6.98E-06	2.03E-06	1.61E-04	5.07E-08	1.47E-08
2868	489795.41, 3859329.72	2.09E-02	6.59E-06	1.92E-06	2.99E-04	9.42E-08	2.74E-08	2.09E-02	6.61E-06	1.92E-06	3.44E-04	1.09E-07	3.16E-08	2.19E-02	6.90E-06	2.01E-06	1.60E-04	5.05E-08	1.47E-08
2869	489775.41, 3859349.72	2.11E-02	6.67E-06	1.94E-06	2.97E-04	9.38E-08	2.73E-08	2.12E-02	6.68E-06	1.94E-06	3.43E-04	1.08E-07	3.15E-08	2.21E-02	6.98E-06	2.03E-06	1.59E-04	5.03E-08	1.46E-08
2870	489795.41, 3859349.72	2.09E-02	6.58E-06	1.91E-06	2.96E-04	9.36E-08	2.72E-08	2.09E-02	6.60E-06	1.92E-06	3.42E-04	1.08E-07	3.14E-08	2.18E-02	6.89E-06	2.00E-06	1.59E-04	5.02E-08	1.46E-08
2871	489595.05, 3859219.43	2.37E-02	7.48E-06	2.18E-06	3.21E-04	1.01E-07	2.95E-08	2.38E-02	7.50E-06	2.18E-06	3.70E-04	1.17E-07	3.40E-08	2.48E-02	7.83E-06	2.28E-06	1.72E-04	5.44E-08	1.58E-08
2872	489615.05, 3859219.43	2.33E-02	7.36E-06	2.14E-06	3.20E-04	1.01E-07	2.94E-08	2.34E-02	7.38E-06	2.15E-06	3.69E-04	1.17E-07	3.39E-08	2.44E-02	7.71E-06	2.24E-06	1.72E-04	5.42E-08	1.58E-08
2873	489595.05, 3859239.43	2.38E-02	7.51E-06	2.19E-06	3.19E-04	1.01E-07	2.93E-08	2.39E-02	7.53E-06	2.19E-06	3.67E-04	1.16E-07	3.37E-08	2.49E-02	7.86E-06	2.29E-06	1.71E-04	5.40E-08	1.57E-08
2874	489615.05, 3859239.43	2.34E-02	7.39E-06	2.15E-06	3.18E-04	1.00E-07	2.92E-08	2.35E-02	7.41E-06	2.15E-06	3.66E-04	1.16E-07	3.36E-08	2.45E-02	7.74E-06	2.25E-06	1.70E-04	5.38E-08	1.56E-08
2875	489372.4, 3859092.58	2.70E-02	8.52E-06	2.48E-06	3.49E-04	1.10E-07	3.20E-08	2.71E-02	8.54E-06	2.48E-06	4.03E-04	1.27E-07	3.70E-08	2.83E-02	8.92E-06	2.60E-06	1.87E-04	5.89E-08	1.71E-08
2876	489422.4, 3859092.58	2.59E-02	8.17E-06	2.38E-06	3.46E-04	1.09E-07	3.18E-08	2.59E-02	8.19E-06	2.38E-06	4.00E-04	1.26E-07	3.67E-08	2.71E-02	8.55E-06	2.49E-06	1.85E-04	5.85E-08	1.70E-08
2877	489372.4, 3859142.58	2.77E-02	8.75E-06	2.54E-06	3.42E-04	1.08E-07	3.14E-08	2.78E-02	8.77E-06	2.55E-06	3.95E-04	1.25E-07	3.62E-08	2.90E-02	9.17E-06	2.67E-06	1.83E-04	5.79E-08	1.68E-08
2878	489422.4, 3859142.58	2.66E-02	8.38E-06	2.44E-06	3.40E-04	1.07E-07	3.12E-08	2.66E-02	8.40E-06	2.44E-06	3.92E-04	1.24E-07	3.60E-08	2.78E-02	8.78E-06	2.55E-06	1.82E-04	5.74E-08	1.67E-08
2879	488870.84, 3858666.64	2.03E-02	6.42E-06	1.87E-06	4.58E-04	1.45E-07	4.21E-08	2.04E-02	6.44E-06	1.87E-06	5.29E-04	1.67E-07	4.86E-08	2.12E-02	6.68E-06	1.94E-06	2.43E-04	7.68E-08	2.24E-08
2880	488900.84, 3858666.64	2.01E-02	6.35E-06	1.85E-06	4.57E-04	1.44E-07	4.19E-08	2.02E-02	6.38E-06	1.85E-06	5.27E-04	1.66E-07	4.84E-08	2.09E-02	6.61E-06	1.92E-06	2.43E-04	7.66E-08	2.23E-08
2881	488870.84, 3858696.64	2.15E-02	6.77E-06	1.97E-06	4.51E-04	1.42E-07	4.14E-08	2.15E-02	6.80E-06	1.98E-06	5.20E-04	1.64E-07	4.78E-08	2.24E-02	7.06E-06	2.05E-06	2.39E-04	7.55E-08	2.20E-08
2882	488900.84, 3858696.64	2.12E-02	6.69E-06	1.95E-06	4.49E-04	1.42E-07	4.12E-08	2.13E-02	6.72E-06	1.95E-06	5.18E-04	1.64E-07	4.76E-08	2.21E-02	6.97E-06	2.03E-06	2.38E-04	7.52E-08	2.19E-08
2883	488889.67, 3858683.97	2.08E-02	6.57E-06	1.91E-06	4.53E-04	1.43E-07	4.16E-08	2.09E-02	6.59E-06	1.92E-06	5.23E-04	1.65E-07	4.80E-08	2.17E-02	6.84E-06	1.99E-06	2.40E-04	7.59E-08	2.21E-08
2884	488919.67, 3858683.97	2.06E-02	6.50E-06	1.89E-06	4.51E-04	1.42E-07	4.14E-08	2.07E-02	6.52E-06	1.90E-06	5.21E-04	1.64E-07	4.78E-08	2.14E-02	6.77E-06	1.97E-06	2.40E-04	7.56E-08	2.20E-08
2885	488889.67, 3858713.97	2.20E-02	6.95E-06	2.02E-06	4.45E-04	1.41E-07	4.09E-08	2.21E-02	6.97E-06	2.03E-06	5.14E-04	1.62E-07	4.72E-08	2.29E-02	7.24E-06	2.11E-06	2.36E-04	7.46E-08	2.17E-08
2886	488919.67, 3858713.97	2.17E-02	6.86E-06	1.99E-06	4.43E-04	1.40E-07	4.07E-08	2.18E-02	6.88E-06	2.00E-06	5.12E-04	1.62E-07	4.70E-08	2.26E-02	7.15E-06	2.08E-06	2.36E-04	7.43E-08	2.16E-08
2887	488906.61, 3858703.33	2.14E-02	6.76E-06	1.97E-06	4.47E-04	1.41E-07	4.10E-08	2.15E-02	6.79E-06	1.97E-06	5.16E-04	1.63E-07	4.74E-08	2.23E-02	7.04E-06	2.05E-06	2.37E-04	7.49E-08	2.18E-08
2888	488936.61, 3858703.33	2.11E-02	6.67E-06	1.94E-06	4.45E-04	1.41E-07	4.09E-08	2.12E-02	6.70E-06	1.95E-06	5.14E-04	1.62E-07	4.72E-08	2.20E-02	6.95E-06	2.02E-06	2.37E-04	7.46E-08	2.17E-08
2889	488906.61, 3858733.33	2.26E-02	7.14E-06	2.08E-06	4.40E-04	1.39E-07	4.04E-08	2.27E-02	7.17E-06	2.08E-06	5.08E-04	1.60E-07	4.66E-08	2.36E-02	7.45E-06	2.17E-06	2.34E-04	7.37E-08	2.14E-08
2890	488936.61, 3858733.33	2.23E-02	7.05E-06	2.05E-06	4.38E-04	1.38E-07	4.02E-08	2.24E-02	7.07E-06	2.06E-06	5.06E-04	1.60E-07	4.64E-08	2.33E-02	7.35E-06	2.14E-06	2.33E-04	7.34E-08	2.14E-08
2891	488637.63, 3858467.85	1.74E-02	5.50E-06	1.60E-06	5.36E-04	1.69E-07	4.92E-08	1.75E-02	5.53E-06	1.61E-06	6.18E-04	1.95E-07	5.68E-08	1.80E-02	5.70E-06	1.66E-06	2.85E-04	9.01E-08	2.62E-08
2892	488662.63, 3858467.85	1.73E-02	5.46E-06	1.59E-06	5.34E-04	1.69E-07	4.90E-08	1.74E-02	5.49E-06	1.60E-06	6.16E-04	1.94E-07	5.66E-08	1.79E-02	5.65E-06	1.64E-06	2.84E-04	8.98E-08	2.61E-08
2893	488637.63, 3858492.85	1.78E-02	5.60E-06	1.63E-06	5.26E-04	1.66E-07	4.83E-08	1.78E-02	5.63E-06	1.64E-06	6.08E-04	1.92E-07	5.58E-08	1.84E-02	5.80E-06	1.69E-06	2.80E-04	8.84E-08	2.57E-08
2894	488662.63, 3858492.85	1.76E-02	5.56E-06	1.62E-06	5.25E-04	1.66E-07	4.82E-08	1.77E-02	5.59E-06	1.63E-06	6.06E-04	1.91E-07	5.56E-08	1.82E-02	5.76E-06	1.67E-06	2.79E-04	8.81E-08	2.56E-08
2895	488687.63, 3858492.85	1.75E-02	5.51E-06	1.60E-06	5.23E-04	1.65E-07	4.80E-08	1.76E-02	5.54E-06	1.61E-06	6.04E-04	1.91E-07	5.54E-08	1.81E-02	5.71E-06	1.66E-06	2.79E-04	8.79E-08	2.56E-08
2896	488637.63, 3858517.85	1.81E-02	5.73E-06	1.67E-06	5.17E-04	1.63E-07	4.75E-08	1.82E-02	5.75E-06	1.67E-06	5.97E-04	1.88E-07	5.48E-08	1.88E-02	5.93E-06	1.73E-06	2.75E-04	8.67E-08	2.52E-08
2897	488662.63, 3858517.85	1.80E-02	5.68E-06	1.65E-06	5.16E-04	1.63E-07	4.73E-08	1.81E-02	5.70E-06	1.66E-06	5.95E-04	1.88E-07	5.46E-08	1.86E-02	5.88E-06	1.71E-06	2.74E-04	8.65E-08	2.52E-08
2898	488687.63, 3858517.85	1.78E-02	5.63E-06	1.64E-06	5.14E-04	1.62E-07	4.72E-08	1.79E-02	5.66E-06	1.65E-06	5.93E-04	1.87E-07	5.45E-08	1.85E-02	5.84E-06	1.70E-06	2.73E-04	8.63E-08	2.51E-08
2899	488194.42, 3857168.98	1.11E-02	3.52E-06	1.02E-06	3.23E-03	1.02E-06	2.96E-07	1.17E-02	3.69E-06	1.07E-06	3.74E-03	1.18E-06	3.43E-07	9.77E-03	3.08E-06	8.97E-07	1.68E-03	5.30E-07	1.54E-07
2900	488244.42, 3857168.98	1.10E-02	3.48E-06	1.01E-06	3.11E-03	9.82E-07	2.86E-07	1.16E-02	3.65E-06	1.06E-06	3.60E-03	1.14E-06	3.31E-07	9.71E-03	3.06E-06	8.91E-07	1.62E-03	5.11E-07	1.49E-07

2901 488294.42, 3857168.98	1.09E-02	3.43E-06	9.98E-07	3.01E-03	9.49E-07	2.76E-07	1.14E-02	3.60E-06	1.05E-06	3.48E-03	1.10E-06	3.20E-07	9.62E-03	3.04E-06	8.83E-07	1.57E-03	4.94E-07	1.44E-07
2902 488244.42, 3857218.98	1.09E-02	3.45E-06	1.00E-06	2.92E-03	9.22E-07	2.68E-07	1.14E-02	3.61E-06	1.05E-06	3.38E-03	1.07E-06	3.11E-07	9.73E-03	3.07E-06	8.93E-07	1.52E-03	4.80E-07	1.40E-07
2903 488294.42, 3857218.98	1.08E-02	3.41E-06	9.93E-07	2.83E-03	8.93E-07	2.60E-07	1.13E-02	3.57E-06	1.04E-06	3.28E-03	1.03E-06	3.01E-07	9.66E-03	3.05E-06	8.87E-07	1.47E-03	4.65E-07	1.35E-07
2904 488294.42, 3857268.98	1.08E-02	3.40E-06	9.89E-07	2.64E-03	8.35E-07	2.43E-07	1.12E-02	3.54E-06	1.03E-06	3.06E-03	9.67E-07	2.81E-07	9.73E-03	3.07E-06	8.93E-07	1.38E-03	4.35E-07	1.26E-07
2905 488139.13, 3857111.68	1.15E-02	3.62E-06	1.05E-06	3.61E-03	1.14E-06	3.31E-07	1.21E-02	3.81E-06	1.11E-06	4.18E-03	1.32E-06	3.83E-07	9.87E-03	3.12E-06	9.07E-07	1.88E-03	5.92E-07	1.72E-07
2906 488189.13, 3857111.68	1.13E-02	3.57E-06	1.04E-06	3.46E-03	1.09E-06	3.18E-07	1.19E-02	3.76E-06	1.09E-06	4.01E-03	1.27E-06	3.68E-07	9.81E-03	3.10E-06	9.00E-07	1.80E-03	5.68E-07	1.65E-07
2907 488189.13, 3857161.68	1.12E-02	3.53E-06	1.03E-06	3.27E-03	1.03E-06	3.00E-07	1.17E-02	3.71E-06	1.08E-06	3.79E-03	1.19E-06	3.47E-07	9.78E-03	3.09E-06	8.98E-07	1.70E-03	5.37E-07	1.56E-07
2908 487951.04, 3856961.26	1.28E-02	4.03E-06	1.17E-06	4.91E-03	1.55E-06	4.50E-07	1.36E-02	4.30E-06	1.25E-06	5.68E-03	1.79E-06	5.22E-07	1.04E-02	3.30E-06	9.59E-07	2.55E-03	8.05E-07	2.34E-07
2909 488001.04, 3856961.26	1.25E-02	3.93E-06	1.14E-06	4.68E-03	1.48E-06	4.30E-07	1.33E-02	4.19E-06	1.22E-06	5.42E-03	1.71E-06	4.97E-07	1.03E-02	3.24E-06	9.42E-07	2.43E-03	7.68E-07	2.23E-07
2910 488051.04, 3856961.26	1.21E-02	3.83E-06	1.11E-06	4.48E-03	1.41E-06	4.11E-07	1.29E-02	4.07E-06	1.18E-06	5.19E-03	1.64E-06	4.76E-07	1.00E-02	3.17E-06	9.23E-07	2.33E-03	7.35E-07	2.14E-07
2911 488101.04, 3856961.26	1.19E-02	3.76E-06	1.09E-06	4.27E-03	1.35E-06	3.92E-07	1.27E-02	4.00E-06	1.16E-06	4.95E-03	1.56E-06	4.54E-07	9.95E-03	3.14E-06	9.13E-07	2.22E-03	7.02E-07	2.04E-07
2912 487951.04, 3857011.26	1.27E-02	4.01E-06	1.17E-06	4.71E-03	1.49E-06	4.32E-07	1.35E-02	4.27E-06	1.24E-06	5.45E-03	1.72E-06	5.01E-07	1.05E-02	3.32E-06	9.65E-07	2.45E-03	7.73E-07	2.25E-07
2913 488001.04, 3857011.26	1.24E-02	3.90E-06	1.14E-06	4.50E-03	1.42E-06	4.13E-07	1.31E-02	4.15E-06	1.21E-06	5.22E-03	1.65E-06	4.79E-07	1.03E-02	3.24E-06	9.44E-07	2.34E-03	7.39E-07	2.15E-07
2914 488051.04, 3857011.26	1.21E-02	3.81E-06	1.11E-06	4.31E-03	1.36E-06	3.96E-07	1.28E-02	4.04E-06	1.18E-06	4.99E-03	1.58E-06	4.58E-07	1.01E-02	3.18E-06	9.25E-07	2.24E-03	7.08E-07	2.06E-07
2915 488101.04, 3857011.26	1.19E-02	3.74E-06	1.09E-06	4.12E-03	1.30E-06	3.78E-07	1.26E-02	3.97E-06	1.15E-06	4.77E-03	1.50E-06	4.38E-07	9.98E-03	3.15E-06	9.16E-07	2.14E-03	6.76E-07	1.97E-07
2916 488001.04, 3857061.26	1.23E-02	3.87E-06	1.13E-06	4.28E-03	1.35E-06	3.93E-07	1.30E-02	4.10E-06	1.19E-06	4.96E-03	1.57E-06	4.55E-07	1.03E-02	3.25E-06	9.45E-07	2.23E-03	7.03E-07	2.04E-07
2917 488051.04, 3857061.26	1.20E-02	3.79E-06	1.10E-06	4.10E-03	1.29E-06	3.76E-07	1.27E-02	4.01E-06	1.17E-06	4.75E-03	1.50E-06	4.36E-07	1.01E-02	3.20E-06	9.30E-07	2.13E-03	6.73E-07	1.96E-07
2918 488101.04, 3857061.26	1.18E-02	3.71E-06	1.08E-06	3.93E-03	1.24E-06	3.60E-07	1.24E-02	3.93E-06	1.14E-06	4.55E-03	1.43E-06	4.17E-07	1.00E-02	3.16E-06	9.18E-07	2.04E-03	6.44E-07	1.87E-07
2919 487638.98, 3856673.79	1.39E-02	4.39E-06	1.28E-06	6.47E-03	2.04E-06	5.94E-07	1.50E-02	4.74E-06	1.38E-06	7.49E-03	2.36E-06	6.88E-07	1.07E-02	3.38E-06	9.82E-07	3.36E-03	1.06E-06	3.09E-07
2920 487688.98, 3856673.79	1.36E-02	4.29E-06	1.25E-06	6.21E-03	1.96E-06	5.70E-07	1.47E-02	4.63E-06	1.35E-06	7.19E-03	2.27E-06	6.60E-07	1.05E-02	3.32E-06	9.65E-07	3.23E-03	1.02E-06	2.96E-07
2921 487638.98, 3856723.79	1.43E-02	4.52E-06	1.31E-06	6.67E-03	2.10E-06	6.12E-07	1.55E-02	4.88E-06	1.42E-06	7.72E-03	2.44E-06	7.09E-07	1.10E-02	3.47E-06	1.01E-06	3.47E-03	1.09E-06	3.18E-07
2922 487688.98, 3856723.79	1.39E-02	4.40E-06	1.28E-06	6.38E-03	2.01E-06	5.86E-07	1.50E-02	4.75E-06	1.38E-06	7.39E-03	2.33E-06	6.78E-07	1.08E-02	3.41E-06	9.91E-07	3.32E-03	1.05E-06	3.05E-07
2923 486324.61, 3855740.57	1.12E-02	3.55E-06	1.03E-06	6.43E-03	2.03E-06	5.90E-07	1.23E-02	3.90E-06	1.13E-06	7.44E-03	2.35E-06	6.83E-07	7.90E-03	2.49E-06	7.25E-07	3.34E-03	1.05E-06	3.07E-07
2924 486374.61, 3855740.57	1.06E-02	3.33E-06	9.70E-07	5.94E-03	1.88E-06	5.45E-07	1.16E-02	3.66E-06	1.06E-06	6.88E-03	2.17E-06	6.32E-07	7.49E-03	2.36E-06	6.88E-07	3.09E-03	9.75E-07	2.84E-07
2925 486424.61, 3855740.57	1.02E-02	3.22E-06	9.36E-07	5.66E-03	1.79E-06	5.19E-07	1.12E-02	3.52E-06	1.03E-06	6.55E-03	2.07E-06	6.02E-07	7.27E-03	2.30E-06	6.68E-07	2.94E-03	9.29E-07	2.70E-07
2926 486324.61, 3855790.57	1.19E-02	3.76E-06	1.09E-06	6.87E-03	2.17E-06	6.30E-07	1.31E-02	4.13E-06	1.20E-06	7.95E-03	2.51E-06	7.30E-07	8.35E-03	2.63E-06	7.66E-07	3.57E-03	1.13E-06	3.28E-07
2927 486374.61, 3855790.57	1.12E-02	3.55E-06	1.03E-06	6.37E-03	2.01E-06	5.85E-07	1.23E-02	3.89E-06	1.13E-06	7.38E-03	2.33E-06	6.77E-07	7.94E-03	2.51E-06	7.29E-07	3.31E-03	1.05E-06	3.04E-07
2928 486424.61, 3855790.57	1.09E-02	3.45E-06	1.00E-06	6.12E-03	1.93E-06	5.62E-07	1.20E-02	3.78E-06	1.10E-06	7.09E-03	2.24E-06	6.51E-07	7.77E-03	2.45E-06	7.13E-07	3.18E-03	1.00E-06	2.92E-07
2929 486324.61, 3855840.57	1.26E-02	3.98E-06	1.16E-06	7.33E-03	2.31E-06	6.73E-07	1.39E-02	4.38E-06	1.27E-06	8.49E-03	2.68E-06	7.79E-07	8.80E-03	2.78E-06	8.08E-07	3.81E-03	1.20E-06	3.50E-07
2930 486374.61, 3855840.57	1.22E-02	3.85E-06	1.12E-06	6.99E-03	2.21E-06	6.41E-07	1.34E-02	4.23E-06	1.23E-06	8.09E-03	2.55E-06	7.43E-07	8.56E-03	2.70E-06	7.86E-07	3.63E-03	1.15E-06	3.33E-07
2931 486424.61, 3855840.57	1.17E-02	3.70E-06	1.08E-06	6.62E-03	2.09E-06	6.08E-07	1.29E-02	4.06E-06	1.18E-06	7.67E-03	2.42E-06	7.04E-07	8.28E-03	2.61E-06	7.61E-07	3.44E-03	1.09E-06	3.16E-07
2932 486324.61, 3855890.57	1.37E-02	4.32E-06	1.26E-06	8.05E-03	2.54E-06	7.39E-07	1.51E-02	4.76E-06	1.38E-06	9.33E-03	2.94E-06	8.56E-07	9.50E-03	3.00E-06	8.72E-07	4.19E-03	1.32E-06	3.84E-07
2933 486374.61, 3855890.57	1.31E-02	4.15E-06	1.21E-06	7.62E-03	2.40E-06	6.99E-07	1.45E-02	4.56E-06	1.33E-06	8.82E-03	2.78E-06	8.10E-07	9.19E-03	2.90E-06	8.44E-07	3.96E-03	1.25E-06	3.64E-07
2934 486424.61, 3855890.57	1.26E-02	3.97E-06	1.15E-06	7.18E-03	2.27E-06	6.59E-07	1.38E-02	4.36E-06	1.27E-06	8.31E-03	2.62E-06	7.63E-07	8.85E-03	2.79E-06	8.13E-07	3.73E-03	1.18E-06	3.43E-07
2935 488735.69, 3858285.64	1.61E-02	5.07E-06	1.47E-06	6.30E-04	1.99E-07	5.79E-08	1.62E-02	5.10E-06	1.48E-06	7.25E-04	2.29E-07	6.66E-08	1.65E-02	5.20E-06	1.51E-06	3.43E-04	1.08E-07	3.15E-08
2936 488765.69, 3858285.64	1.59E-02	5.02E-06	1.46E-06	6.31E-04	1.99E-07	5.79E-08	1.60E-02	5.05E-06	1.47E-06	7.25E-04	2.29E-07	6.66E-08	1.63E-02	5.15E-06	1.50E-06	3.43E-04	1.08E-07	3.15E-08
2937 488735.69, 3858315.64	1.61E-02	5.07E-06	1.47E-06	6.10E-04	1.92E-07	5.60E-08	1.62E-02	5.10E-06	1.48E-06	7.02E-04	2.21E-07	6.44E-08	1.65E-02	5.21E-06	1.51E-06	3.30E-04	1.04E-07	3.03E-08
2938 488765.69, 3858315.64	1.59E-02	5.02E-06	1.46E-06	6.10E-04	1.92E-07	5.60E-08	1.60E-02	5.05E-06	1.47E-06	7.02E-04	2.21E-07	6.44E-08	1.63E-02	5.16E-06	1.50E-06	3.30E-04	1.04E-07	3.03E-08
2939 478676.63, 3849871.93	3.16E-04	9.97E-08	2.90E-08	3.87E-05	1.22E-08	3.56E-09	3.22E-04	1.02E-07	2.96E-08	4.48E-05	1.41E-08	4.11E-09	3.09E-04	9.74E-08	2.83E-08	2.03E-05	6.41E-09	1.87E-09
2940 479326.63, 3849871.93	2.86E-04	9.04E-08	2.63E-08	5.59E-05	1.77E-08	5.14E-09	2.96E-04	9.34E-08	2.72E-08	6.47E-05	2.04E-08	5.94E-09	2.67E-04	8.43E-08	2.45E-08	2.93E-05	9.24E-09	2.69E-09
2941 479376.63, 3849871.93	2.84E-04	8.96E-08	2.61E-08	5.73E-05	1.81E-08	5.26E-09	2.94E-04	9.27E-08	2.70E-08	6.64E-05	2.09E-08	6.09E-09	2.64E-04	8.32E-08	2.42E-08	3.00E-05	9.47E-09	2.75E-09
2942 479426.63, 3849871.93	2.83E-04	8.94E-08	2.60E-08	5.87E-05	1.85E-08	5.39E-09	2.93E-04	9.26E-08	2.69E-08	6.80E-05	2.15E-08	6.24E-09	2.62E-04	8.27E-08	2.40E-08	3.07E-05	9.70E-09	2.82E-09
2943 478726.63, 3849921.93	3.21E-04	1.01E-07	2.95E-08	3.92E-05	1.24E-08	3.60E-09	3.28E-04	1.03E-07	3.01E-08	4.54E-05	1.43E-08	4.17E-09	3.14E-04	9.90E-08	2.88E-08	2.06E-05	6.50E-09	1.89E-09
2944 478776.63, 3849921.93	3.20E-04	1.01E-07	2.94E-08	4.01E-05	1.27E-08	3.68E-09	3.27E-04	1.03E-07	3.00E-08	4.64E-05	1.46E-08	4.26E-09	3.12E-04	9.86E-08	2.87E-08	2.10E-05	6.64E-09	1.93E-09
2945 478826.63, 3849921.93	3.19E-04	1.01E-07	2.92E-08	4.11E-05	1.30E-08	3.77E-09	3.26E-04	1.03E-07	2.99E-08	4.75E-05	1.50E-08	4.36E-09	3.10E-04	9.79E-08	2.85E-08	2.15E-05	6.80E-09	1.98E-09
2946 478976.63, 3849921.93	3.14E-04	9.91E-08	2.88E-08	4.46E-05	1.41E-08	4.09E-09	3.21E-04	1.01E-07	2.95E-08	5.16E-05	1.63E-08	4.73E-09	3.03E-04	9.56E-08	2.78E-08	2.34E-05	7.38E-09	2.15E-09
2947 479026.63, 3849921.93	3.15E-04	9.95E-08	2.89E-08	4.62E-05	1.46E-08	4.24E-09	3.23E-04	1.02E-07	2.97E-08	5.34E-05	1.69E-08	4.90E-09	3.04E-04	9.58E-08	2.79E-08	2.42E-05	7.63E-09	2.22E-09
2948 479076.63, 3849921.93	3.14E-04	9.92E-08	2.88E-08	4.77E-05	1.50E-08	4.38E-09	3.22E-04	1.02E-07	2.96E-08	5.52E-05	1.74E-08	5.06E-09	3.01E-04	9.52E-08	2.77E-08	2.50E-05	7.88E-09	2.29E-09
2949 479126.63, 3849921.93	3.12E-04	9.85E-08	2.87E-08	4.93E-05	1.55E-08	4.52E-09	3.21E-04	1.01E-07	2.94E-08	5.70E-05	1.80E-08	5.23E-09	2.98E-04	9.41E-08	2.74E-08	2.58E-05	8.14E-09	2.37E-09
2950 479176.63, 3849921.93	3.12E-04	9.83E-08	2.86E-08	5.09E-05	1.61E-08	4.68E-09	3.20E-04	1.01E-07	2.94E-08	5.89E-05	1.86E-08	5.41E-09	2.97E-04	9.36E-08	2.72E-08	2.67E-05	8.42E-09	2.45E-09
2951 479226.63, 3849921.93	3.04E-04	9.60E-08	2.79E-08	5.24E-05	1.65E-08	4.81E-09	3.13E-04	9.89E-08	2.88E-08	6.06E-05	1.91E-08	5.57E-09	2.88E-04	9.09E-08	2.64E-08	2.74E-05	8.66E-09	2.52E-09
2952 479276.63, 3849921.93	2.94E-04	9.27E-08	2.69E-08	5.35E-05	1.69E-08	4.91E-09	3.03E-04	9.55E-08	2.78E-08	6.19E-05	1.95E-08	5.68E-09	2.76E-04	8.71E-08	2.53E-08	2.80E-05	8.84E-09	2.57E-09
2953 479326.63, 3849921.93	3.02E-04	9.53E-08	2.77E-08	5.58E-05	1.76E-08	5.12E-09	3.12E-04	9.83E-08	2.86E-08	6.45E-05	2.04E-08	5.92E-09	2.84E-04	8.95E-08	2.60E-08	2.92E-05	9.21E-09	2.68E-09
2954 479376.63, 3849921.93	2.91E-04	9.18E-08	2.67E-08	5.68E-05	1.79E-08	5.21E-09	3.01E-04	9.49E-08	2.76E-08	6.57E-05	2.07E-08	6.03E-09	2.71E-04	8.56E-08	2.49E-08	2.97E-05	9.38E-09	2.73E-09
2955 479426.63, 3849921.93	2.95E-04	9.32E-08	2.71E-08	5.86E-05	1.85E-08	5.38E-09	3.05E-04	9.64E-08	2.80E-08	6.78E-05	2.14E-08	6.23E-09	2.75E-04	8.68E-08	2.52E-08	3.07E-05	9.68E-09	2.82E-09
2956 478726.63, 3849971.93	3.27E-04	1.03E-07	3.00E-08	3.90E-05	1.23E-08	3.58E-09	3.33E-04	1.05E-07	3.06E-08	4.51E-05	1.42E-08	4.14E-09	3.20E-04	1.01E-07	2.94E-08	2.05E-05	6.46E-09	1.88E-09
2957 478776.63, 3849971.93	3.26E-04	1.03E-07	2.99E-08	3.97E-05	1.25E-08	3.65E-09	3.32E-04	1.05E-07	3.05E-08	4.60E-05	1.45E-08	4.22E-09	3.18E-04	1.00E-07	2.92E-08	2.08E-05	6.58E-09	1.91E-09
2958 478826.63, 3849971.93	3.24E-04	1.02E-07	2.98E-08	4.06E-05	1.28E-08	3.73E-09	3.31E-04	1.04E-07	3.04E-08	4.70E-05	1.48E-08	4.31E-09	3.16E-04	9.98E-08	2.90E-08	2.13E-05	6.72E-09	1.96E-09
2959 478976.63, 3849971.93	3.24E-04	1.02E-07	2.97E-08	4.41E-05	1.39E-08	4.05E-09	3.31E-04	1.05E-07	3.04E-08	5.10E-05	1.61E-08	4.68E-09	3.14E-04	9.90E-08	2.88E-08	2.31E-05	7.29E-09	2.12E-09
2960 479026.63, 3849971.93	3.22E-04	1.02E-07	2.96E-08	4.54E-05	1.43E-08	4.16E-09	3.30E-04	1.04E-07	3.03E-08	5.25E-05	1.66E-08	4.82E-09	3.11E-04	9.82E-08	2.86E-08	2.38E-05	7.50E-09	2.18E-09
2961 479076.63, 3849971.93	3.20E-04	1.01E-07	2.94E-08	4.68E-05	1.48E-08	4.29E-09	3.28E-04	1.03E-07	3.01E-08	5.41E-05	1.71E-08	4.97E-09	3.08E-04	9.72E-08	2.83E-08	2.45E-05	7.73E-09	2.25E-09
2962 479126.63, 3849971.93	3.19E-04	1.01E-07	2.92E-08	4.83E-05	1.52E-08	4.43E-09	3.27E-04	1.03E-07	3.00E-08	5.59E-05	1.76E-08	5.13E-09	3.06E-04	9.65E-08	2.81E-08	2.53E-05	7.98E-09	2.32E-09
2963 479176.63, 3849971.93	3.17E-04	1.00E-07	2.91E-08	5.00E-05	1.58E-08	4.59E-09	3.26E-04	1.03E-07	2.99E-08	5.78E-05	1.82E-08	5.31E-09	3.03E-04	9.57E-08	2.78E-08	2.62E-05	8.26E-09	2.40E-09
2964 479226.63, 3849971.93	3.02E-04	9.54E-08	2.77E-08	5.09E-05	1.61E-08	4.67E-09	3.11E-04	9.81E-08	2.85E-08	5.89E-05	1.86E-08	5.40E-09	2.87E-04	9.05E-08	2.63E-08	2.66E-05	8.41E-09	2.45E-09
2965 479276.63, 3849971.93	3.09E-04	9.76E-08	2.84E-08	5.31E-05	1.68E-08	4.87E-09	3.18E-04	1.00E-07	2.92E-08	6.14E-05	1.94E-08	5.64E-09	2.93E-04	9.25E-08	2.69E-08	2.78E-05	8.77E-09	2.55E-09
2966 479326.63, 3849971.93	3.14E-04	9.90E-08	2.88E-08	5.51E-05	1.74E-08	5.06E-09	3.23E-04	1.02E-07	2.97E-08	6.38E-05	2.01E-08	5.85E-09	2.96E-04	9.35E-08	2.72E-08	2.88E-05	9.10E-09	2.65E-09

2967	479376.63, 3849971.93	3.02E-04	9.55E-08	2.78E-08	5.63E-05	1.78E-08	5.17E-09	3.12E-04	9.85E-08	2.87E-08	6.52E-05	2.06E-08	5.98E-09	2.84E-04	8.96E-08	2.60E-08	2.95E-05	9.30E-09	2.71E-09
2968	479426.63, 3849971.93	3.03E-04	9.57E-08	2.78E-08	5.81E-05	1.83E-08	5.33E-09	3.13E-04	9.88E-08	2.87E-08	6.72E-05	2.12E-08	6.17E-09	2.83E-04	8.95E-08	2.60E-08	3.04E-05	9.59E-09	2.79E-09
2969	478726.63, 3850021.93	3.33E-04	1.05E-07	3.05E-08	3.89E-05	1.23E-08	3.57E-09	3.39E-04	1.07E-07	3.12E-08	4.50E-05	1.42E-08	4.13E-09	3.26E-04	1.03E-07	3.00E-08	2.04E-05	6.44E-09	1.87E-09
2970	478776.63, 3850021.93	3.31E-04	1.05E-07	3.04E-08	3.95E-05	1.25E-08	3.63E-09	3.38E-04	1.07E-07	3.10E-08	4.57E-05	1.44E-08	4.20E-09	3.25E-04	1.02E-07	2.98E-08	2.07E-05	6.54E-09	1.90E-09
2971	478826.63, 3850021.93	3.30E-04	1.04E-07	3.03E-08	4.03E-05	1.27E-08	3.70E-09	3.37E-04	1.06E-07	3.09E-08	4.66E-05	1.47E-08	4.28E-09	3.23E-04	1.02E-07	2.96E-08	2.11E-05	6.67E-09	1.94E-09
2972	478976.63, 3850021.93	3.30E-04	1.04E-07	3.03E-08	4.34E-05	1.37E-08	3.98E-09	3.37E-04	1.06E-07	3.09E-08	5.02E-05	1.58E-08	4.61E-09	3.20E-04	1.01E-07	2.94E-08	2.27E-05	7.18E-09	2.09E-09
2973	478726.63, 3850071.93	3.39E-04	1.07E-07	3.11E-08	3.89E-05	1.23E-08	3.57E-09	3.46E-04	1.09E-07	3.17E-08	4.50E-05	1.42E-08	4.13E-09	3.33E-04	1.05E-07	3.06E-08	2.04E-05	6.45E-09	1.88E-09
2974	478776.63, 3850071.93	3.38E-04	1.07E-07	3.10E-08	3.94E-05	1.24E-08	3.62E-09	3.45E-04	1.09E-07	3.16E-08	4.56E-05	1.44E-08	4.19E-09	3.32E-04	1.05E-07	3.04E-08	2.07E-05	6.53E-09	1.90E-09
2975	478826.63, 3850071.93	3.37E-04	1.06E-07	3.09E-08	4.01E-05	1.26E-08	3.68E-09	3.43E-04	1.08E-07	3.15E-08	4.63E-05	1.46E-08	4.25E-09	3.30E-04	1.04E-07	3.03E-08	2.10E-05	6.63E-09	1.93E-09
2976	478876.63, 3850071.93	3.36E-04	1.06E-07	3.08E-08	4.08E-05	1.29E-08	3.75E-09	3.43E-04	1.08E-07	3.15E-08	4.72E-05	1.49E-08	4.34E-09	3.29E-04	1.04E-07	3.02E-08	2.14E-05	6.76E-09	1.97E-09
2977	478976.63, 3850071.93	3.36E-04	1.06E-07	3.08E-08	4.28E-05	1.35E-08	3.93E-09	3.43E-04	1.08E-07	3.15E-08	4.95E-05	1.56E-08	4.55E-09	3.27E-04	1.03E-07	3.00E-08	2.25E-05	7.09E-09	2.06E-09
2978	478726.63, 3850121.93	3.45E-04	1.09E-07	3.17E-08	3.91E-05	1.23E-08	3.59E-09	3.52E-04	1.11E-07	3.23E-08	4.52E-05	1.43E-08	4.15E-09	3.40E-04	1.07E-07	3.12E-08	2.05E-05	6.47E-09	1.88E-09
2979	478776.63, 3850121.93	3.44E-04	1.09E-07	3.16E-08	3.95E-05	1.25E-08	3.63E-09	3.51E-04	1.11E-07	3.22E-08	4.57E-05	1.44E-08	4.20E-09	3.38E-04	1.07E-07	3.11E-08	2.07E-05	6.54E-09	1.90E-09
2980	478826.63, 3850121.93	3.43E-04	1.08E-07	3.15E-08	4.00E-05	1.26E-08	3.67E-09	3.50E-04	1.10E-07	3.21E-08	4.63E-05	1.46E-08	4.25E-09	3.37E-04	1.06E-07	3.09E-08	2.10E-05	6.63E-09	1.93E-09
2981	478876.63, 3850121.93	3.42E-04	1.08E-07	3.14E-08	4.07E-05	1.28E-08	3.73E-09	3.49E-04	1.10E-07	3.20E-08	4.70E-05	1.48E-08	4.32E-09	3.35E-04	1.06E-07	3.07E-08	2.13E-05	6.73E-09	1.96E-09
2982	478976.63, 3850121.93	3.42E-04	1.08E-07	3.14E-08	4.24E-05	1.34E-08	3.89E-09	3.49E-04	1.10E-07	3.21E-08	4.90E-05	1.55E-08	4.50E-09	3.34E-04	1.05E-07	3.07E-08	2.22E-05	7.02E-09	2.04E-09
2983	479026.63, 3850121.93	3.42E-04	1.08E-07	3.14E-08	4.35E-05	1.37E-08	3.99E-09	3.49E-04	1.10E-07	3.20E-08	5.03E-05	1.59E-08	4.61E-09	3.33E-04	1.05E-07	3.06E-08	2.28E-05	7.19E-09	2.09E-09
2984	479076.63, 3850121.93	3.41E-04	1.07E-07	3.13E-08	4.46E-05	1.41E-08	4.09E-09	3.48E-04	1.10E-07	3.20E-08	5.16E-05	1.63E-08	4.74E-09	3.31E-04	1.05E-07	3.04E-08	2.34E-05	7.38E-09	2.15E-09
2985	479126.63, 3850121.93	3.40E-04	1.07E-07	3.12E-08	4.58E-05	1.45E-08	4.21E-09	3.47E-04	1.10E-07	3.19E-08	5.30E-05	1.67E-08	4.87E-09	3.29E-04	1.04E-07	3.02E-08	2.40E-05	7.58E-09	2.21E-09
2986	478776.63, 3850171.93	3.51E-04	1.11E-07	3.22E-08	3.97E-05	1.25E-08	3.64E-09	3.57E-04	1.13E-07	3.28E-08	4.59E-05	1.45E-08	4.22E-09	3.45E-04	1.09E-07	3.17E-08	2.08E-05	6.57E-09	1.91E-09
2987	478826.63, 3850171.93	3.49E-04	1.10E-07	3.21E-08	4.01E-05	1.26E-08	3.68E-09	3.56E-04	1.12E-07	3.27E-08	4.63E-05	1.46E-08	4.25E-09	3.43E-04	1.08E-07	3.15E-08	2.10E-05	6.64E-09	1.93E-09
2988	478876.63, 3850171.93	3.48E-04	1.10E-07	3.20E-08	4.06E-05	1.28E-08	3.73E-09	3.55E-04	1.12E-07	3.26E-08	4.69E-05	1.48E-08	4.31E-09	3.42E-04	1.08E-07	3.14E-08	2.13E-05	6.72E-09	1.95E-09
2989	478976.63, 3850171.93	3.48E-04	1.10E-07	3.20E-08	4.21E-05	1.33E-08	3.87E-09	3.56E-04	1.12E-07	3.26E-08	4.87E-05	1.54E-08	4.47E-09	3.41E-04	1.08E-07	3.13E-08	2.21E-05	6.97E-09	2.03E-09
2990	479026.63, 3850171.93	3.49E-04	1.10E-07	3.20E-08	4.31E-05	1.36E-08	3.96E-09	3.56E-04	1.12E-07	3.27E-08	4.98E-05	1.57E-08	4.58E-09	3.41E-04	1.08E-07	3.13E-08	2.26E-05	7.13E-09	2.07E-09
2991	479076.63, 3850171.93	3.48E-04	1.10E-07	3.19E-08	4.41E-05	1.39E-08	4.05E-09	3.55E-04	1.12E-07	3.26E-08	5.10E-05	1.61E-08	4.68E-09	3.39E-04	1.07E-07	3.11E-08	2.31E-05	7.29E-09	2.12E-09
2992	479126.63, 3850171.93	3.47E-04	1.09E-07	3.18E-08	4.52E-05	1.43E-08	4.15E-09	3.54E-04	1.12E-07	3.25E-08	5.23E-05	1.65E-08	4.80E-09	3.37E-04	1.06E-07	3.10E-08	2.37E-05	7.48E-09	2.18E-09
2993	479176.63, 3850171.93	3.47E-04	1.10E-07	3.19E-08	4.66E-05	1.47E-08	4.28E-09	3.55E-04	1.12E-07	3.26E-08	5.39E-05	1.70E-08	4.95E-09	3.37E-04	1.06E-07	3.09E-08	2.44E-05	7.70E-09	2.24E-09
2994	479226.63, 3850171.93	3.50E-04	1.10E-07	3.21E-08	4.81E-05	1.52E-08	4.42E-09	3.58E-04	1.13E-07	3.28E-08	5.57E-05	1.76E-08	5.11E-09	3.39E-04	1.07E-07	3.11E-08	2.52E-05	7.96E-09	2.31E-09
2995	479276.63, 3850171.93	3.52E-04	1.11E-07	3.23E-08	4.98E-05	1.57E-08	4.57E-09	3.61E-04	1.14E-07	3.31E-08	5.76E-05	1.82E-08	5.29E-09	3.40E-04	1.07E-07	3.12E-08	2.61E-05	8.23E-09	2.40E-09
2996	479326.63, 3850171.93	3.49E-04	1.10E-07	3.21E-08	5.13E-05	1.62E-08	4.71E-09	3.58E-04	1.13E-07	3.29E-08	5.94E-05	1.87E-08	5.45E-09	3.36E-04	1.06E-07	3.09E-08	2.69E-05	8.48E-09	2.47E-09
2997	479376.63, 3850171.93	3.47E-04	1.09E-07	3.18E-08	5.29E-05	1.67E-08	4.86E-09	3.56E-04	1.12E-07	3.26E-08	6.13E-05	1.93E-08	5.62E-09	3.32E-04	1.05E-07	3.05E-08	2.77E-05	8.75E-09	2.54E-09
2998	478676.63, 3850221.93	3.57E-04	1.13E-07	3.28E-08	3.96E-05	1.25E-08	3.63E-09	3.64E-04	1.15E-07	3.34E-08	4.58E-05	1.45E-08	4.20E-09	3.51E-04	1.11E-07	3.23E-08	2.08E-05	6.56E-09	1.91E-09
2999	478726.63, 3850221.93	3.57E-04	1.13E-07	3.28E-08	3.98E-05	1.26E-08	3.65E-09	3.64E-04	1.15E-07	3.34E-08	4.60E-05	1.45E-08	4.22E-09	3.52E-04	1.11E-07	3.23E-08	2.09E-05	6.59E-09	1.92E-09
3000	478976.63, 3850221.93	3.55E-04	1.12E-07	3.26E-08	4.20E-05	1.33E-08	3.86E-09	3.62E-04	1.14E-07	3.33E-08	4.86E-05	1.53E-08	4.46E-09	3.48E-04	1.10E-07	3.20E-08	2.20E-05	6.96E-09	2.02E-09
3001	479026.63, 3850221.93	3.56E-04	1.12E-07	3.26E-08	4.28E-05	1.35E-08	3.93E-09	3.63E-04	1.15E-07	3.33E-08	4.95E-05	1.56E-08	4.55E-09	3.48E-04	1.10E-07	3.20E-08	2.25E-05	7.09E-09	2.06E-09
3002	479076.63, 3850221.93	3.54E-04	1.12E-07	3.25E-08	4.37E-05	1.38E-08	4.01E-09	3.62E-04	1.14E-07	3.32E-08	5.06E-05	1.60E-08	4.64E-09	3.46E-04	1.09E-07	3.18E-08	2.29E-05	7.23E-09	2.10E-09
3003	479126.63, 3850221.93	3.54E-04	1.12E-07	3.25E-08	4.48E-05	1.41E-08	4.11E-09	3.62E-04	1.14E-07	3.32E-08	5.18E-05	1.63E-08	4.76E-09	3.45E-04	1.09E-07	3.17E-08	2.35E-05	7.41E-09	2.16E-09
3004	479176.63, 3850221.93	3.55E-04	1.12E-07	3.26E-08	4.60E-05	1.45E-08	4.23E-09	3.63E-04	1.15E-07	3.33E-08	5.32E-05	1.68E-08	4.89E-09	3.46E-04	1.09E-07	3.17E-08	2.41E-05	7.61E-09	2.21E-09
3005	479226.63, 3850221.93	3.57E-04	1.13E-07	3.27E-08	4.74E-05	1.50E-08	4.35E-09	3.65E-04	1.15E-07	3.35E-08	5.49E-05	1.73E-08	5.04E-09	3.46E-04	1.09E-07	3.18E-08	2.48E-05	7.84E-09	2.28E-09
3006	479276.63, 3850221.93	3.58E-04	1.13E-07	3.29E-08	4.90E-05	1.55E-08	4.50E-09	3.66E-04	1.16E-07	3.36E-08	5.67E-05	1.79E-08	5.20E-09	3.47E-04	1.10E-07	3.19E-08	2.57E-05	8.10E-09	2.35E-09
3007	479326.63, 3850221.93	3.55E-04	1.12E-07	3.26E-08	5.04E-05	1.59E-08	4.62E-09	3.64E-04	1.15E-07	3.34E-08	5.83E-05	1.84E-08	5.35E-09	3.43E-04	1.08E-07	3.15E-08	2.64E-05	8.33E-09	2.42E-09
3008	479376.63, 3850221.93	3.54E-04	1.12E-07	3.25E-08	5.19E-05	1.64E-08	4.77E-09	3.63E-04	1.14E-07	3.33E-08	6.01E-05	1.90E-08	5.52E-09	3.41E-04	1.08E-07	3.13E-08	2.72E-05	8.58E-09	2.50E-09
3009	478676.63, 3850271.93	3.62E-04	1.14E-07	3.33E-08	4.02E-05	1.27E-08	3.69E-09	3.69E-04	1.17E-07	3.39E-08	4.65E-05	1.47E-08	4.27E-09	3.57E-04	1.13E-07	3.28E-08	2.11E-05	6.66E-09	1.94E-09
3010	478726.63, 3850271.93	3.63E-04	1.15E-07	3.33E-08	4.03E-05	1.27E-08	3.70E-09	3.70E-04	1.17E-07	3.40E-08	4.66E-05	1.47E-08	4.28E-09	3.58E-04	1.13E-07	3.28E-08	2.11E-05	6.67E-09	1.94E-09
3011	478976.63, 3850271.93	3.61E-04	1.14E-07	3.32E-08	4.20E-05	1.33E-08	3.85E-09	3.68E-04	1.16E-07	3.38E-08	4.86E-05	1.53E-08	4.46E-09	3.55E-04	1.12E-07	3.26E-08	2.20E-05	6.95E-09	2.02E-09
3012	479026.63, 3850271.93	3.62E-04	1.14E-07	3.32E-08	4.28E-05	1.35E-08	3.93E-09	3.69E-04	1.17E-07	3.39E-08	4.95E-05	1.56E-08	4.54E-09	3.55E-04	1.12E-07	3.26E-08	2.24E-05	7.08E-09	2.06E-09
3013	479076.63, 3850271.93	3.62E-04	1.14E-07	3.32E-08	4.35E-05	1.37E-08	4.00E-09	3.69E-04	1.17E-07	3.39E-08	5.04E-05	1.59E-08	4.62E-09	3.54E-04	1.12E-07	3.25E-08	2.28E-05	7.20E-09	2.10E-09
3014	479126.63, 3850271.93	3.62E-04	1.14E-07	3.32E-08	4.45E-05	1.40E-08	4.08E-09	3.69E-04	1.17E-07	3.39E-08	5.15E-05	1.62E-08	4.72E-09	3.53E-04	1.12E-07	3.25E-08	2.33E-05	7.36E-09	2.14E-09
3015	479176.63, 3850271.93	3.62E-04	1.14E-07	3.33E-08	4.56E-05	1.44E-08	4.19E-09	3.70E-04	1.17E-07	3.40E-08	5.27E-05	1.66E-08	4.84E-09	3.53E-04	1.12E-07	3.24E-08	2.39E-05	7.54E-09	2.19E-09
3016	479226.63, 3850271.93	3.63E-04	1.15E-07	3.34E-08	4.69E-05	1.48E-08	4.30E-09	3.71E-04	1.17E-07	3.41E-08	5.42E-05	1.71E-08	4.98E-09	3.54E-04	1.12E-07	3.25E-08	2.46E-05	7.75E-09	2.26E-09
3017	479276.63, 3850271.93	3.63E-04	1.15E-07	3.34E-08	4.82E-05	1.52E-08	4.43E-09	3.72E-04	1.17E-07	3.41E-08	5.58E-05	1.76E-08	5.12E-09	3.53E-04	1.11E-07	3.24E-08	2.53E-05	7.97E-09	2.32E-09
3018	479326.63, 3850271.93	3.61E-04	1.14E-07	3.32E-08	4.95E-05	1.56E-08	4.55E-09	3.70E-04	1.17E-07	3.40E-08	5.73E-05	1.81E-08	5.26E-09	3.50E-04	1.11E-07	3.22E-08	2.59E-05	8.19E-09	2.38E-09
3019	479376.63, 3850271.93	3.58E-04	1.13E-07	3.29E-08	5.09E-05	1.61E-08	4.67E-09	3.67E-04	1.16E-07	3.37E-08	5.89E-05	1.86E-08	5.41E-09	3.46E-04	1.09E-07	3.17E-08	2.67E-05	8.42E-09	2.45E-09
3020	479053.24, 3850293.52	3.65E-04	1.15E-07	3.35E-08	4.32E-05	1.36E-08	3.96E-09	3.73E-04	1.18E-07	3.42E-08	4.99E-05	1.58E-08	4.58E-09	3.58E-04	1.13E-07	3.29E-08	2.26E-05	7.14E-09	2.08E-09
3021	479103.24, 3850293.52	3.65E-04	1.15E-07	3.35E-08	4.40E-05	1.39E-08	4.04E-09	3.73E-04	1.18E-07	3.42E-08	5.09E-05	1.61E-08	4.67E-09	3.58E-04	1.13E-07	3.28E-08	2.31E-05	7.28E-09	2.12E-09
3022	479153.24, 3850293.52	3.65E-04	1.15E-07	3.35E-08	4.49E-05	1.42E-08	4.12E-09	3.73E-04	1.18E-07	3.42E-08	5.20E-05	1.64E-08	4.77E-09	3.57E-04	1.13E-07	3.27E-08	2.36E-05	7.43E-09	2.16E-09
3023	479203.24, 3850293.52	3.66E-04	1.15E-07	3.36E-08	4.61E-05	1.46E-08	4.23E-09	3.74E-04	1.18E-07	3.43E-08	5.33E-05	1.68E-08	4.90E-09	3.57E-04	1.13E-07	3.28E-08	2.42E-05	7.63E-09	2.22E-09
3024	479253.24, 3850293.52	3.66E-04	1.16E-07	3.36E-08	4.73E-05	1.49E-08	4.34E-09	3.74E-04	1.18E-07	3.44E-08	5.47E-05	1.73E-08	5.03E-09	3.57E-04	1.13E-07	3.27E-08	2.48E-05	7.83E-09	2.28E-09
3025	479303.24, 3850293.52	3.65E-04	1.15E-07	3.35E-08	4.86E-05	1.53E-08	4.46E-09	3.73E-04	1.18E-07	3.42E-08	5.62E-05	1.77E-08	5.16E-09	3.54E-04	1.12E-07	3.25E-08	2.54E-05	8.03E-09	2.34E-09
3026	479353.24, 3850293.52	3.62E-04	1.14E-07	3.32E-08	4.99E-05	1.57E-08	4.58E-09	3.71E-04	1.17E-07	3.40E-08	5.77E-05	1.82E-08	5.30E-09	3.51E-04	1.11E-07	3.22E-08	2.61E-05	8.25E-09	2.40E-09
3027	479153.24, 3850343.52	3.72E-04	1.18E-07	3.42E-08	4.48E-05	1.41E-08	4.11E-09	3.80E-04	1.20E-07	3.49E-08	5.18E-05	1.64E-08	4.76E-09	3.65E-04	1.15E-07	3.35E-08	2.35E-05	7.42E-09	2.16E-09
3028	479203.24, 3850343.52	3.74E-04	1.18E-07	3.43E-08	4.66E-05	1.47E-08	4.28E-09	3.82E-04	1.20E-07	3.50E-08	5.39E-05	1.70E-08	4.95E-09	3.65E-04	1.15E-07	3.35E-08	2.44E-05	7.71E-09	2.24E-09
3029	479253.24, 3850343.52	3.72E-04	1.17E-07	3.41E-08	4.68E-05	1.48E-08	4.30E-09	3.80E-04	1.20E-07	3.49E-08	5.41E-05	1.71E-08	4.97E-09	3.63E-04	1.15E-07	3.33E-08	2.45E-05	7.74E-09	2.25E-09
3030	479303.24, 3850343.52	3.70E-04	1.17E-07	3.40E-08	4.79E-05	1.51E-08	4.39E-09	3.78E-04	1.19E-07	3.47E-08	5.54E-05	1.75E-08	5.08E-09	3.60E-04	1.14E-07	3.31E-08	2.51E-05	7.92E-09	2.30E-09
3031	479353.24, 3850343.52	3.67E-04	1.16E-07	3.37E-08	4.91E-05	1.55E-08	4.51E-09	3.76E-04	1.19E-07	3.45E-08	5.68E-05	1.79E-08	5.21E-09	3.57E-04	1.13E-07	3.28E-08	2.57E-05	8.12E-09	2.36E-09
3032	479203.24, 3850393.52	3.80E-04	1.20E-07	3.49E-08	4.62E-05	1.46E-08	4.24E-09	3.88E-04	1.22E-07	3.56E-08	5.35E-05	1.69E-08	4.91E-09	3.71E-04	1.17E-07	3.41E-08	2.42E-05	7.65E-09	2.22E-09

3033 479253.24, 3850393.52	3.79E-04	1.19E-07	3.48E-08	4.71E-05	1.49E-08	4.33E-09	3.87E-04	1.22E-07	3.55E-08	5.45E-05	1.72E-08	5.01E-09	3.70E-04	1.17E-07	3.39E-08	2.47E-05	7.80E-09	2.27E-09
3034 479303.24, 3850393.52	3.77E-04	1.19E-07	3.46E-08	4.82E-05	1.52E-08	4.42E-09	3.85E-04	1.22E-07	3.54E-08	5.57E-05	1.76E-08	5.12E-09	3.67E-04	1.16E-07	3.37E-08	2.52E-05	7.97E-09	2.32E-09
3035 479353.24, 3850393.52	3.74E-04	1.18E-07	3.43E-08	4.85E-05	1.53E-08	4.45E-09	3.82E-04	1.21E-07	3.51E-08	5.61E-05	1.77E-08	5.15E-09	3.64E-04	1.15E-07	3.34E-08	2.54E-05	8.02E-09	2.33E-09
3036 479403.24, 3850393.52	3.72E-04	1.17E-07	3.41E-08	4.97E-05	1.57E-08	4.56E-09	3.80E-04	1.20E-07	3.49E-08	5.75E-05	1.82E-08	5.28E-09	3.61E-04	1.14E-07	3.31E-08	2.60E-05	8.22E-09	2.39E-09
3037 479453.24, 3850393.52	3.68E-04	1.16E-07	3.38E-08	5.10E-05	1.61E-08	4.68E-09	3.76E-04	1.19E-07	3.46E-08	5.90E-05	1.86E-08	5.42E-09	3.56E-04	1.12E-07	3.27E-08	2.67E-05	8.43E-09	2.45E-09
3038 479503.24, 3850393.52	3.63E-04	1.15E-07	3.34E-08	5.24E-05	1.66E-08	4.81E-09	3.72E-04	1.17E-07	3.42E-08	6.07E-05	1.91E-08	5.57E-09	3.50E-04	1.11E-07	3.22E-08	2.75E-05	8.67E-09	2.52E-09
3039 479303.24, 3850443.52	3.82E-04	1.21E-07	3.51E-08	4.77E-05	1.51E-08	4.38E-09	3.91E-04	1.23E-07	3.59E-08	5.52E-05	1.74E-08	5.07E-09	3.73E-04	1.18E-07	3.43E-08	2.50E-05	7.89E-09	2.29E-09
3040 479353.24, 3850443.52	3.79E-04	1.20E-07	3.48E-08	4.79E-05	1.51E-08	4.40E-09	3.87E-04	1.22E-07	3.55E-08	5.54E-05	1.75E-08	5.09E-09	3.69E-04	1.17E-07	3.39E-08	2.51E-05	7.93E-09	2.31E-09
3041 479403.24, 3850443.52	3.75E-04	1.18E-07	3.44E-08	4.89E-05	1.54E-08	4.49E-09	3.83E-04	1.21E-07	3.52E-08	5.66E-05	1.79E-08	5.19E-09	3.65E-04	1.15E-07	3.35E-08	2.56E-05	8.09E-09	2.35E-09
3042 479453.24, 3850443.52	3.72E-04	1.17E-07	3.41E-08	5.01E-05	1.58E-08	4.60E-09	3.80E-04	1.20E-07	3.49E-08	5.79E-05	1.83E-08	5.32E-09	3.61E-04	1.14E-07	3.31E-08	2.62E-05	8.28E-09	2.41E-09
3043 479503.24, 3850443.52	3.67E-04	1.16E-07	3.37E-08	5.14E-05	1.62E-08	4.72E-09	3.76E-04	1.19E-07	3.45E-08	5.95E-05	1.88E-08	5.46E-09	3.55E-04	1.12E-07	3.26E-08	2.69E-05	8.50E-09	2.47E-09
3044 480327.18, 3850987.04	4.38E-04	1.38E-07	4.02E-08	7.12E-05	2.25E-08	6.54E-09	4.50E-04	1.42E-07	4.13E-08	8.24E-05	2.60E-08	7.57E-09	4.17E-04	1.32E-07	3.83E-08	3.72E-05	1.18E-08	3.42E-09
3045 480377.18, 3850987.04	4.37E-04	1.38E-07	4.01E-08	7.33E-05	2.31E-08	6.73E-09	4.49E-04	1.42E-07	4.12E-08	8.48E-05	2.68E-08	7.79E-09	4.15E-04	1.31E-07	3.81E-08	3.83E-05	1.21E-08	3.52E-09
3046 480427.18, 3850987.04	4.35E-04	1.37E-07	3.99E-08	7.53E-05	2.38E-08	6.91E-09	4.48E-04	1.41E-07	4.11E-08	8.72E-05	2.75E-08	8.00E-09	4.11E-04	1.30E-07	3.78E-08	3.94E-05	1.24E-08	3.61E-09
3047 480477.18, 3850987.04	4.32E-04	1.36E-07	3.97E-08	7.72E-05	2.44E-08	7.09E-09	4.45E-04	1.41E-07	4.09E-08	8.93E-05	2.82E-08	8.20E-09	4.08E-04	1.29E-07	3.74E-08	4.03E-05	1.27E-08	3.70E-09
3048 480327.18, 3851037.04	4.45E-04	1.40E-07	4.08E-08	7.01E-05	2.21E-08	6.44E-09	4.57E-04	1.44E-07	4.19E-08	8.12E-05	2.56E-08	7.45E-09	4.25E-04	1.34E-07	3.90E-08	3.67E-05	1.16E-08	3.37E-09
3049 480377.18, 3851037.04	4.43E-04	1.40E-07	4.07E-08	7.23E-05	2.28E-08	6.63E-09	4.56E-04	1.44E-07	4.18E-08	8.36E-05	2.64E-08	7.68E-09	4.23E-04	1.33E-07	3.88E-08	3.78E-05	1.19E-08	3.47E-09
3050 480427.18, 3851037.04	4.41E-04	1.39E-07	4.05E-08	7.44E-05	2.35E-08	6.83E-09	4.54E-04	1.43E-07	4.17E-08	8.61E-05	2.72E-08	7.90E-09	4.19E-04	1.32E-07	3.85E-08	3.89E-05	1.23E-08	3.57E-09
3051 480477.18, 3851037.04	4.41E-04	1.39E-07	4.05E-08	7.64E-05	2.41E-08	7.02E-09	4.54E-04	1.43E-07	4.17E-08	8.84E-05	2.79E-08	8.12E-09	4.17E-04	1.32E-07	3.83E-08	3.99E-05	1.26E-08	3.67E-09
3052 480622.06, 3851087.39	4.47E-04	1.41E-07	4.10E-08	8.13E-05	2.57E-08	7.46E-09	4.61E-04	1.46E-07	4.23E-08	9.41E-05	2.97E-08	8.64E-09	4.21E-04	1.33E-07	3.86E-08	4.25E-05	1.34E-08	3.90E-09
3053 480672.06, 3851087.39	4.47E-04	1.41E-07	4.10E-08	8.31E-05	2.62E-08	7.63E-09	4.61E-04	1.46E-07	4.23E-08	9.62E-05	3.03E-08	8.83E-09	4.20E-04	1.32E-07	3.85E-08	4.34E-05	1.37E-08	3.98E-09
3054 480622.06, 3851137.39	4.56E-04	1.44E-07	4.19E-08	8.07E-05	2.55E-08	7.40E-09	4.70E-04	1.48E-07	4.31E-08	9.33E-05	2.95E-08	8.57E-09	4.31E-04	1.36E-07	3.95E-08	4.21E-05	1.33E-08	3.87E-09
3055 480672.06, 3851137.39	4.56E-04	1.44E-07	4.18E-08	8.26E-05	2.61E-08	7.58E-09	4.70E-04	1.48E-07	4.31E-08	9.56E-05	3.02E-08	8.78E-09	4.29E-04	1.36E-07	3.94E-08	4.32E-05	1.36E-08	3.96E-09
3056 480722.06, 3851137.39	4.56E-04	1.44E-07	4.19E-08	8.44E-05	2.67E-08	7.75E-09	4.71E-04	1.49E-07	4.32E-08	9.77E-05	3.08E-08	8.97E-09	4.29E-04	1.35E-07	3.93E-08	4.41E-05	1.39E-08	4.05E-09
3057 480622.06, 3851187.39	4.64E-04	1.47E-07	4.26E-08	7.97E-05	2.52E-08	7.32E-09	4.78E-04	1.51E-07	4.39E-08	9.23E-05	2.91E-08	8.47E-09	4.40E-04	1.39E-07	4.04E-08	4.17E-05	1.32E-08	3.83E-09
3058 480672.06, 3851187.39	4.65E-04	1.47E-07	4.27E-08	8.19E-05	2.59E-08	7.52E-09	4.79E-04	1.51E-07	4.40E-08	9.48E-05	2.99E-08	8.70E-09	4.39E-04	1.39E-07	4.03E-08	4.28E-05	1.35E-08	3.93E-09
3059 480722.06, 3851187.39	4.66E-04	1.47E-07	4.27E-08	8.39E-05	2.65E-08	7.71E-09	4.80E-04	1.51E-07	4.41E-08	9.71E-05	3.07E-08	8.92E-09	4.39E-04	1.38E-07	4.03E-08	4.38E-05	1.38E-08	4.03E-09
3060 471363.09, 3845877.25	8.63E-05	2.72E-08	7.92E-09	1.32E-05	4.18E-09	1.22E-09	8.86E-05	2.80E-08	8.13E-09	1.53E-05	4.83E-09	1.40E-09	8.24E-05	2.60E-08	7.56E-09	7.01E-06	2.21E-09	6.43E-10
3061 471863.09, 3845877.25	8.34E-05	2.63E-08	7.66E-09	1.27E-05	3.99E-09	1.16E-09	8.56E-05	2.70E-08	7.86E-09	1.46E-05	4.61E-09	1.34E-09	7.97E-05	2.52E-08	7.32E-09	6.70E-06	2.12E-09	6.15E-10
3062 472363.09, 3845877.25	9.09E-05	2.87E-08	8.35E-09	1.36E-05	4.29E-09	1.25E-09	9.32E-05	2.94E-08	8.56E-09	1.57E-05	4.95E-09	1.44E-09	8.70E-05	2.75E-08	7.99E-09	7.19E-06	2.27E-09	6.60E-10
3063 472863.09, 3845877.25	8.39E-05	2.65E-08	7.71E-09	1.17E-05	3.69E-09	1.07E-09	8.59E-05	2.71E-08	7.89E-09	1.35E-05	4.27E-09	1.24E-09	8.08E-05	2.55E-08	7.42E-09	6.21E-06	1.96E-09	5.70E-10
3064 473363.09, 3845877.25	9.07E-05	2.86E-08	8.33E-09	1.10E-05	3.48E-09	1.01E-09	9.26E-05	2.92E-08	8.50E-09	1.27E-05	4.02E-09	1.17E-09	8.84E-05	2.79E-08	8.11E-09	5.87E-06	1.85E-09	5.38E-10
3065 473863.09, 3845877.25	9.86E-05	3.11E-08	9.05E-09	1.17E-05	3.69E-09	1.07E-09	1.01E-04	3.17E-08	9.23E-09	1.35E-05	4.26E-09	1.24E-09	9.63E-05	3.04E-08	8.84E-09	6.21E-06	1.96E-09	5.70E-10
3066 474363.09, 3845877.25	1.11E-04	3.49E-08	1.01E-08	1.34E-05	4.22E-09	1.23E-09	1.13E-04	3.56E-08	1.04E-08	1.54E-05	4.87E-09	1.42E-09	1.08E-04	3.40E-08	9.90E-09	7.07E-06	2.23E-09	6.49E-10
3067 474863.09, 3845877.25	1.19E-04	3.76E-08	1.09E-08	1.62E-05	5.10E-09	1.48E-09	1.22E-04	3.85E-08	1.12E-08	1.87E-05	5.89E-09	1.71E-09	1.15E-04	3.64E-08	1.06E-08	8.52E-06	2.69E-09	7.83E-10
3068 475363.09, 3845877.25	1.28E-04	4.04E-08	1.17E-08	2.26E-05	7.14E-09	2.08E-09	1.32E-04	4.16E-08	1.21E-08	2.62E-05	8.26E-09	2.40E-09	1.21E-04	3.81E-08	1.11E-08	1.19E-05	3.75E-09	1.09E-09
3069 475863.09, 3845877.25	1.25E-04	3.95E-08	1.15E-08	2.36E-05	7.43E-09	2.16E-09	1.29E-04	4.08E-08	1.19E-08	2.72E-05	8.60E-09	2.50E-09	1.17E-04	3.70E-08	1.08E-08	1.24E-05	3.91E-09	1.14E-09
3070 476363.09, 3845877.25	1.14E-04	3.60E-08	1.05E-08	2.18E-05	6.88E-09	2.00E-09	1.18E-04	3.72E-08	1.08E-08	2.52E-05	7.95E-09	2.31E-09	1.06E-04	3.36E-08	9.76E-09	1.15E-05	3.62E-09	1.05E-09
3071 476863.09, 3845877.25	1.05E-04	3.32E-08	9.65E-09	2.07E-05	6.53E-09	1.90E-09	1.09E-04	3.43E-08	9.97E-09	2.39E-05	7.55E-09	2.20E-09	9.75E-05	3.08E-08	8.95E-09	1.09E-05	3.44E-09	1.00E-09
3072 477363.09, 3845877.25	9.82E-05	3.10E-08	9.01E-09	1.52E-05	4.80E-09	1.40E-09	1.01E-04	3.18E-08	9.25E-09	1.76E-05	5.54E-09	1.61E-09	9.35E-05	2.95E-08	8.58E-09	8.05E-06	2.54E-09	7.39E-10
3073 477863.09, 3845877.25	9.23E-05	2.91E-08	8.47E-09	1.32E-05	4.15E-09	1.21E-09	9.45E-05	2.98E-08	8.67E-09	1.52E-05	4.79E-09	1.39E-09	8.85E-05	2.79E-08	8.13E-09	6.99E-06	2.21E-09	6.42E-10
3074 478363.09, 3845877.25	9.06E-05	2.86E-08	8.32E-09	1.41E-05	4.46E-09	1.30E-09	9.30E-05	2.94E-08	8.54E-09	1.63E-05	5.16E-09	1.50E-09	8.62E-05	2.72E-08	7.91E-09	7.50E-06	2.37E-09	6.89E-10
3075 478863.09, 3845877.25	8.38E-05	2.64E-08	7.69E-09	1.23E-05	3.89E-09	1.13E-09	8.59E-05	2.71E-08	7.88E-09	1.42E-05	4.49E-09	1.31E-09	8.01E-05	2.53E-08	7.35E-09	6.56E-06	2.07E-09	6.02E-10
3076 479363.09, 3845877.25	8.20E-05	2.59E-08	7.53E-09	1.17E-05	3.71E-09	1.08E-09	8.40E-05	2.65E-08	7.71E-09	1.36E-05	4.28E-09	1.24E-09	7.87E-05	2.48E-08	7.22E-09	6.25E-06	1.97E-09	5.74E-10
3077 479863.09, 3845877.25	8.10E-05	2.56E-08	7.44E-09	1.19E-05	3.76E-09	1.09E-09	8.30E-05	2.62E-08	7.62E-09	1.37E-05	4.33E-09	1.26E-09	7.75E-05	2.45E-08	7.12E-09	6.33E-06	2.00E-09	5.81E-10
3078 480363.09, 3845877.25	7.65E-05	2.41E-08	7.02E-09	1.05E-05	3.30E-09	9.61E-10	7.83E-05	2.47E-08	7.18E-09	1.21E-05	3.81E-09	1.11E-09	7.36E-05	2.32E-08	6.76E-09	5.59E-06	1.76E-09	5.13E-10
3079 480863.09, 3845877.25	7.15E-05	2.26E-08	6.56E-09	9.15E-06	2.89E-09	8.40E-10	7.30E-05	2.30E-08	6.70E-09	1.05E-05	3.33E-09	9.68E-10	6.91E-05	2.18E-08	6.34E-09	4.91E-06	1.55E-09	4.51E-10
3080 481363.09, 3845877.25	6.84E-05	2.16E-08	6.28E-09	8.02E-06	2.53E-09	7.36E-10	6.97E-05	2.20E-08	6.40E-09	9.23E-06	2.91E-09	8.48E-10	6.65E-05	2.10E-08	6.10E-09	4.33E-06	1.37E-09	3.97E-10
3081 481863.09, 3845877.25	6.63E-05	2.09E-08	6.09E-09	7.47E-06	2.36E-09	6.86E-10	6.75E-05	2.13E-08	6.20E-09	8.60E-06	2.72E-09	7.90E-10	6.46E-05	2.04E-08	5.93E-09	4.05E-06	1.28E-09	3.71E-10
3082 482363.09, 3845877.25	6.45E-05	2.04E-08	5.92E-09	7.15E-06	2.26E-09	6.56E-10	6.57E-05	2.07E-08	6.03E-09	8.23E-06	2.60E-09	7.55E-10	6.29E-05	1.98E-08	5.77E-09	3.88E-06	1.22E-09	3.56E-10
3083 482863.09, 3845877.25	5.96E-05	1.88E-08	5.47E-09	5.83E-06	1.84E-09	5.35E-10	6.05E-05	1.91E-08	5.56E-09	6.70E-06	2.11E-09	6.15E-10	5.85E-05	1.84E-08	5.37E-09	3.20E-06	1.01E-09	2.94E-10
3084 483363.09, 3845877.25	5.71E-05	1.80E-08	5.24E-09	5.36E-06	1.69E-09	4.92E-10	5.80E-05	1.83E-08	5.32E-09	6.15E-06	1.94E-09	5.65E-10	5.61E-05	1.77E-08	5.15E-09	2.96E-06	9.33E-10	2.71E-10
3085 483863.09, 3845877.25	6.21E-05	1.96E-08	5.70E-09	6.12E-06	1.93E-09	5.62E-10	6.31E-05	1.99E-08	5.79E-09	7.03E-06	2.22E-09	6.45E-10	6.08E-05	1.92E-08	5.58E-09	3.37E-06	1.06E-09	3.09E-10
3086 484363.09, 3845877.25	6.23E-05	1.97E-08	5.72E-09	5.99E-06	1.89E-09	5.50E-10	6.33E-05	2.00E-08	5.81E-09	6.87E-06	2.17E-09	6.31E-10	6.11E-05	1.93E-08	5.61E-09	3.30E-06	1.04E-09	3.03E-10
3087 484863.09, 3845877.25	6.07E-05	1.92E-08	5.57E-09	5.83E-06	1.84E-09	5.35E-10	6.16E-05	1.94E-08	5.66E-09	6.69E-06	2.11E-09	6.15E-10	5.95E-05	1.88E-08	5.46E-09	3.22E-06	1.02E-09	2.95E-10
3088 485363.09, 3845877.25	5.76E-05	1.82E-08	5.29E-09	5.52E-06	1.74E-09	5.06E-10	5.85E-05	1.85E-08	5.37E-09	6.33E-06	2.00E-09	5.81E-10	5.65E-05	1.78E-08	5.18E-09	3.04E-06	9.60E-10	2.79E-10
3089 485863.09, 3845877.25	5.53E-05	1.74E-08	5.07E-09	5.23E-06	1.65E-09	4.81E-10	5.61E-05	1.77E-08	5.15E-09	6.01E-06	1.90E-09	5.52E-10	5.43E-05	1.71E-08	4.98E-09	2.89E-06	9.11E-10	2.65E-10
3090 486363.09, 3845877.25	5.38E-05	1.70E-08	4.94E-09	5.07E-06	1.60E-09	4.65E-10	5.47E-05	1.72E-08	5.02E-09	5.82E-06	1.84E-09	5.34E-10	5.29E-05	1.67E-08	4.86E-09	2.79E-06	8.81E-10	2.56E-10
3091 486863.09, 3845877.25	5.10E-05	1.61E-08	4.68E-09	4.65E-06	1.47E-09	4.27E-10	5.17E-05	1.63E-08	4.75E-09	5.33E-06	1.68E-09	4.90E-10	5.02E-05	1.59E-08	4.61E-09	2.56E-06	8.09E-10	2.35E-10
3092 487363.09, 3845877.25	4.89E-05	1.54E-08	4.49E-09	4.53E-06	1.43E-09	4.16E-10	4.96E-05	1.57E-08	4.56E-09	5.20E-06	1.64E-09	4.77E-10	4.82E-05	1.52E-08	4.42E-09	2.50E-06	7.88E-10	2.29E-10
3093 487863.09, 3845877.25	4.70E-05	1.48E-08	4.31E-09	4.34E-06	1.37E-09	3.98E-10	4.77E-05	1.51E-08	4.38E-09	4.98E-06	1.57E-09	4.57E-10	4.63E-05	1.46E-08	4.25E-09	2.40E-06	7.56E-10	2.20E-10
3094 488363.09, 3845877.25	4.67E-05	1.48E-08	4.29E-09	4.27E-06	1.35E-09	3.92E-10	4.74E-05	1.50E-08	4.35E-09	4.90E-06	1.55E-09	4.50E-10	4.60E-05	1.45E-08	4.23E-09	2.36E-06	7.45E-10	2.17E-10
3095 488863.09, 3845877.25	5.13E-05	1.62E-08	4.71E-09	4.64E-06	1.46E-09	4.26E-10	5.21E-05	1.64E-08	4.78E-09	5.32E-06	1.68E-09	4.88E-10	5.05E-05	1.59E-08	4.64E-09	2.57E-06	8.12E-10	2.36E-10
3096 489363.09, 3845877.25	5.13E-05	1.62E-08	4.71E-09	4.65E-06	1.47E-09	4.27E-10	5.21E-05	1.64E-08	4.78E-09	5.33E-06	1.68E-09	4.89E-10	5.05E-05	1.59E-08	4.64E-09	2.58E-06	8.14E-10	2.37E-10
3097 489863.09, 3845877.25	5.13E-05	1.62E-08	4.70E-09	4.58E-06	1.44E-09	4.20E-10	5.20E-05	1.64E-08	4.77E-09	5.25E-06	1.66E-09	4.82E-10	5.04E-05	1.59E-08	4.63E-09	2.55E-06	8.03E-10	2.34E-10
3098 490363.09, 3845877.25	4.91E-05	1.55E-08	4.51E-09	4.33E-06	1.37E-09	3.98E-10	4.98E-05	1.57E-08	4.57E-09	4.97E-06	1.57E-09	4.56E-10	4.84E-05	1.53E-08	4.44E-09	2.41E-06	7.60E-10	2.21E-10

3099	490863.09, 3845877.25	4.59E-05	1.45E-08	4.22E-09	4.02E-06	1.27E-09	3.69E-10	4.66E-05	1.47E-08	4.28E-09	4.61E-06	1.45E-09	4.23E-10	4.53E-05	1.43E-08	4.16E-09	2.23E-06	7.05E-10	2.05E-10
3100	491363.09, 3845877.25	4.85E-05	1.53E-08	4.45E-09	4.25E-06	1.34E-09	3.91E-10	4.92E-05	1.55E-08	4.51E-09	4.88E-06	1.54E-09	4.48E-10	4.78E-05	1.51E-08	4.39E-09	2.36E-06	7.46E-10	2.17E-10
3101	491863.09, 3845877.25	5.09E-05	1.61E-08	4.67E-09	4.53E-06	1.43E-09	4.16E-10	5.16E-05	1.63E-08	4.74E-09	5.19E-06	1.64E-09	4.77E-10	5.01E-05	1.58E-08	4.60E-09	2.51E-06	7.93E-10	2.31E-10
3102	492363.09, 3845877.25	4.97E-05	1.57E-08	4.56E-09	4.52E-06	1.43E-09	4.15E-10	5.04E-05	1.59E-08	4.63E-09	5.18E-06	1.64E-09	4.76E-10	4.89E-05	1.54E-08	4.49E-09	2.51E-06	7.91E-10	2.30E-10
3103	492863.09, 3845877.25	5.48E-05	1.73E-08	5.03E-09	5.13E-06	1.62E-09	4.71E-10	5.56E-05	1.75E-08	5.10E-09	5.89E-06	1.86E-09	5.41E-10	5.38E-05	1.70E-08	4.94E-09	2.84E-06	8.96E-10	2.60E-10
3104	493363.09, 3845877.25	5.66E-05	1.79E-08	5.19E-09	5.44E-06	1.72E-09	4.99E-10	5.75E-05	1.81E-08	5.27E-09	6.24E-06	1.97E-09	5.73E-10	5.55E-05	1.75E-08	5.10E-09	3.00E-06	9.46E-10	2.75E-10
3105	493863.09, 3845877.25	5.81E-05	1.84E-08	5.34E-09	5.81E-06	1.83E-09	5.33E-10	5.91E-05	1.86E-08	5.42E-09	6.67E-06	2.10E-09	6.12E-10	5.70E-05	1.80E-08	5.23E-09	3.19E-06	1.01E-09	2.93E-10
3106	494363.09, 3845877.25	5.94E-05	1.88E-08	5.46E-09	6.25E-06	1.97E-09	5.74E-10	6.04E-05	1.91E-08	5.55E-09	7.18E-06	2.27E-09	6.59E-10	5.81E-05	1.83E-08	5.33E-09	3.42E-06	1.08E-09	3.14E-10
3107	494863.09, 3845877.25	6.06E-05	1.91E-08	5.56E-09	6.48E-06	2.04E-09	5.95E-10	6.16E-05	1.94E-08	5.66E-09	7.44E-06	2.35E-09	6.83E-10	5.91E-05	1.87E-08	5.42E-09	3.54E-06	1.12E-09	3.25E-10
3108	495363.09, 3845877.25	6.38E-05	2.01E-08	5.85E-09	6.89E-06	2.18E-09	6.33E-10	6.49E-05	2.05E-08	5.96E-09	7.92E-06	2.50E-09	7.27E-10	6.22E-05	1.96E-08	5.71E-09	3.77E-06	1.19E-09	3.46E-10
3109	495863.09, 3845877.25	6.66E-05	2.10E-08	6.12E-09	7.27E-06	2.29E-09	6.67E-10	6.78E-05	2.14E-08	6.23E-09	8.36E-06	2.64E-09	7.67E-10	6.50E-05	2.05E-08	5.96E-09	3.96E-06	1.25E-09	3.64E-10
3110	496363.09, 3845877.25	6.97E-05	2.20E-08	6.40E-09	7.58E-06	2.39E-09	6.95E-10	7.10E-05	2.24E-08	6.52E-09	8.71E-06	2.75E-09	8.00E-10	6.80E-05	2.15E-08	6.25E-09	4.13E-06	1.30E-09	3.79E-10
3111	496863.09, 3845877.25	7.33E-05	2.31E-08	6.73E-09	7.81E-06	2.47E-09	7.17E-10	7.46E-05	2.35E-08	6.84E-09	8.98E-06	2.84E-09	8.25E-10	7.16E-05	2.26E-08	6.57E-09	4.26E-06	1.35E-09	3.91E-10
3112	497363.09, 3845877.25	7.71E-05	2.43E-08	7.08E-09	8.21E-06	2.59E-09	7.54E-10	7.85E-05	2.48E-08	7.20E-09	9.44E-06	2.98E-09	8.66E-10	7.53E-05	2.38E-08	6.91E-09	4.48E-06	1.41E-09	4.11E-10
3113	497863.09, 3845877.25	8.16E-05	2.57E-08	7.49E-09	8.71E-06	2.75E-09	8.00E-10	8.30E-05	2.62E-08	7.62E-09	1.00E-05	3.16E-09	9.20E-10	7.96E-05	2.51E-08	7.31E-09	4.76E-06	1.50E-09	4.37E-10
3114	498363.09, 3845877.25	8.62E-05	2.72E-08	7.91E-09	9.18E-06	2.90E-09	8.43E-10	8.77E-05	2.77E-08	8.05E-09	1.06E-05	3.33E-09	9.69E-10	8.41E-05	2.66E-08	7.72E-09	5.01E-06	1.58E-09	4.60E-10
3115	471363.09, 3846377.25	1.30E-04	4.12E-08	1.20E-08	1.86E-05	5.88E-09	1.71E-09	1.34E-04	4.22E-08	1.23E-08	2.15E-05	6.80E-09	1.98E-09	1.26E-04	3.96E-08	1.15E-08	9.82E-06	3.10E-09	9.01E-10
3116	471863.09, 3846377.25	1.15E-04	3.64E-08	1.06E-08	1.77E-05	5.59E-09	1.63E-09	1.18E-04	3.74E-08	1.09E-08	2.05E-05	6.46E-09	1.88E-09	1.10E-04	3.48E-08	1.01E-08	9.34E-06	2.95E-09	8.57E-10
3117	472363.09, 3846377.25	8.85E-05	2.79E-08	8.12E-09	1.38E-05	4.35E-09	1.26E-09	9.08E-05	2.87E-08	8.33E-09	1.59E-05	5.02E-09	1.46E-09	8.43E-05	2.66E-08	7.74E-09	7.29E-06	2.30E-09	6.69E-10
3118	472863.09, 3846377.25	9.08E-05	2.87E-08	8.34E-09	1.37E-05	4.34E-09	1.26E-09	9.31E-05	2.94E-08	8.55E-09	1.59E-05	5.01E-09	1.46E-09	8.68E-05	2.74E-08	7.97E-09	7.27E-06	2.29E-09	6.67E-10
3119	473363.09, 3846377.25	9.48E-05	2.99E-08	8.71E-09	1.37E-05	4.32E-09	1.26E-09	9.72E-05	3.07E-08	8.92E-09	1.58E-05	4.99E-09	1.45E-09	9.11E-05	2.87E-08	8.36E-09	7.25E-06	2.29E-09	6.66E-10
3120	473863.09, 3846377.25	1.07E-04	3.37E-08	9.81E-09	1.33E-05	4.20E-09	1.22E-09	1.09E-04	3.44E-08	1.00E-08	1.54E-05	4.85E-09	1.41E-09	1.04E-04	3.28E-08	9.54E-09	7.04E-06	2.22E-09	6.47E-10
3121	474363.09, 3846377.25	1.18E-04	3.73E-08	1.08E-08	1.38E-05	4.35E-09	1.26E-09	1.20E-04	3.80E-08	1.11E-08	1.59E-05	5.02E-09	1.46E-09	1.16E-04	3.65E-08	1.06E-08	7.29E-06	2.30E-09	6.69E-10
3122	474863.09, 3846377.25	1.30E-04	4.09E-08	1.19E-08	1.57E-05	4.94E-09	1.44E-09	1.32E-04	4.18E-08	1.22E-08	1.81E-05	5.71E-09	1.66E-09	1.27E-04	4.00E-08	1.16E-08	8.27E-06	2.61E-09	7.59E-10
3123	475363.09, 3846377.25	1.35E-04	4.27E-08	1.24E-08	1.86E-05	5.87E-09	1.71E-09	1.38E-04	4.37E-08	1.27E-08	2.15E-05	6.79E-09	1.97E-09	1.31E-04	4.12E-08	1.20E-08	9.80E-06	3.09E-09	9.00E-10
3124	475863.09, 3846377.25	1.44E-04	4.53E-08	1.32E-08	2.57E-05	8.12E-09	2.36E-09	1.48E-04	4.67E-08	1.36E-08	2.98E-05	9.40E-09	2.73E-09	1.35E-04	4.26E-08	1.24E-08	1.35E-05	4.27E-09	1.24E-09
3125	476363.09, 3846377.25	1.35E-04	4.25E-08	1.24E-08	2.58E-05	8.15E-09	2.37E-09	1.39E-04	4.39E-08	1.28E-08	2.99E-05	9.42E-09	2.74E-09	1.26E-04	3.97E-08	1.15E-08	1.36E-05	4.28E-09	1.24E-09
3126	476863.09, 3846377.25	1.21E-04	3.83E-08	1.11E-08	2.41E-05	7.60E-09	2.21E-09	1.25E-04	3.96E-08	1.15E-08	2.79E-05	8.79E-09	2.56E-09	1.12E-04	3.55E-08	1.03E-08	1.27E-05	4.00E-09	1.16E-09
3127	477363.09, 3846377.25	1.14E-04	3.60E-08	1.05E-08	2.24E-05	7.06E-09	2.05E-09	1.18E-04	3.72E-08	1.08E-08	2.59E-05	8.16E-09	2.37E-09	1.06E-04	3.34E-08	9.71E-09	1.18E-05	3.72E-09	1.08E-09
3128	477863.09, 3846377.25	1.04E-04	3.28E-08	9.55E-09	1.58E-05	4.98E-09	1.45E-09	1.07E-04	3.37E-08	9.80E-09	1.82E-05	5.75E-09	1.67E-09	9.94E-05	3.14E-08	9.12E-09	8.36E-06	2.64E-09	7.68E-10
3129	478363.09, 3846377.25	1.00E-04	3.17E-08	9.21E-09	1.50E-05	4.74E-09	1.38E-09	1.03E-04	3.25E-08	9.45E-09	1.73E-05	5.47E-09	1.59E-09	9.59E-05	3.03E-08	8.80E-09	7.97E-06	2.52E-09	7.32E-10
3130	478863.09, 3846377.25	9.83E-05	3.10E-08	9.03E-09	1.58E-05	4.98E-09	1.45E-09	1.01E-04	3.19E-08	9.27E-09	1.82E-05	5.75E-09	1.67E-09	9.33E-05	2.94E-08	8.56E-09	8.36E-06	2.64E-09	7.68E-10
3131	479363.09, 3846377.25	9.17E-05	2.89E-08	8.41E-09	1.38E-05	4.36E-09	1.27E-09	9.40E-05	2.97E-08	8.63E-09	1.60E-05	5.04E-09	1.47E-09	8.75E-05	2.76E-08	8.03E-09	7.34E-06	2.32E-09	6.74E-10
3132	479863.09, 3846377.25	8.70E-05	2.75E-08	7.99E-09	1.28E-05	4.05E-09	1.18E-09	8.92E-05	2.81E-08	8.18E-09	1.48E-05	4.67E-09	1.36E-09	8.32E-05	2.63E-08	7.64E-09	6.82E-06	2.15E-09	6.26E-10
3133	480363.09, 3846377.25	8.87E-05	2.80E-08	8.14E-09	1.34E-05	4.21E-09	1.23E-09	9.09E-05	2.87E-08	8.35E-09	1.54E-05	4.86E-09	1.41E-09	8.46E-05	2.67E-08	7.77E-09	7.10E-06	2.24E-09	6.52E-10
3134	480863.09, 3846377.25	8.01E-05	2.53E-08	7.35E-09	1.09E-05	3.45E-09	1.00E-09	8.19E-05	2.59E-08	7.52E-09	1.26E-05	3.98E-09	1.16E-09	7.71E-05	2.43E-08	7.07E-09	5.84E-06	1.84E-09	5.36E-10
3135	481363.09, 3846377.25	7.60E-05	2.40E-08	6.97E-09	9.76E-06	3.08E-09	8.96E-10	7.76E-05	2.45E-08	7.12E-09	1.12E-05	3.55E-09	1.03E-09	7.34E-05	2.32E-08	6.74E-09	5.24E-06	1.65E-09	4.81E-10
3136	481863.09, 3846377.25	7.26E-05	2.29E-08	6.66E-09	8.44E-06	2.66E-09	7.75E-10	7.40E-05	2.33E-08	6.79E-09	9.72E-06	3.07E-09	8.92E-10	7.06E-05	2.23E-08	6.48E-09	4.55E-06	1.44E-09	4.18E-10
3137	482363.09, 3846377.25	6.94E-05	2.19E-08	6.37E-09	7.97E-06	2.51E-09	7.32E-10	7.07E-05	2.23E-08	6.49E-09	9.17E-06	2.90E-09	8.42E-10	6.75E-05	2.13E-08	6.20E-09	4.31E-06	1.36E-09	3.96E-10
3138	482863.09, 3846377.25	6.51E-05	2.06E-08	5.98E-09	6.80E-06	2.15E-09	6.24E-10	6.63E-05	2.09E-08	6.08E-09	7.82E-06	2.47E-09	7.18E-10	6.37E-05	2.01E-08	5.85E-09	3.71E-06	1.17E-09	3.40E-10
3139	483363.09, 3846377.25	6.65E-05	2.10E-08	6.10E-09	7.00E-06	2.21E-09	6.42E-10	6.76E-05	2.13E-08	6.21E-09	8.05E-06	2.54E-09	7.39E-10	6.50E-05	2.05E-08	5.96E-09	3.82E-06	1.21E-09	3.51E-10
3140	483863.09, 3846377.25	6.69E-05	2.11E-08	6.14E-09	6.87E-06	2.17E-09	6.31E-10	6.80E-05	2.15E-08	6.24E-09	7.90E-06	2.49E-09	7.25E-10	6.54E-05	2.06E-08	6.00E-09	3.76E-06	1.19E-09	3.45E-10
3141	484363.09, 3846377.25	6.51E-05	2.05E-08	5.97E-09	6.30E-06	1.99E-09	5.78E-10	6.61E-05	2.09E-08	6.07E-09	7.23E-06	2.28E-09	6.63E-10	6.38E-05	2.01E-08	5.85E-09	3.47E-06	1.09E-09	3.18E-10
3142	484863.09, 3846377.25	6.69E-05	2.11E-08	6.15E-09	6.71E-06	2.12E-09	6.16E-10	6.80E-05	2.15E-08	6.25E-09	7.70E-06	2.43E-09	7.07E-10	6.55E-05	2.07E-08	6.01E-09	3.69E-06	1.16E-09	3.38E-10
3143	485363.09, 3846377.25	6.51E-05	2.05E-08	5.98E-09	6.55E-06	2.07E-09	6.01E-10	6.62E-05	2.09E-08	6.07E-09	7.52E-06	2.37E-09	6.90E-10	6.37E-05	2.01E-08	5.85E-09	3.60E-06	1.13E-09	3.30E-10
3144	485863.09, 3846377.25	6.01E-05	1.90E-08	5.51E-09	5.85E-06	1.85E-09	5.37E-10	6.10E-05	1.93E-08	5.60E-09	6.72E-06	2.12E-09	6.16E-10	5.89E-05	1.86E-08	5.41E-09	3.22E-06	1.01E-09	2.95E-10
3145	486363.09, 3846377.25	5.51E-05	1.74E-08	5.06E-09	5.05E-06	1.59E-09	4.63E-10	5.59E-05	1.77E-08	5.13E-09	5.79E-06	1.83E-09	5.32E-10	5.43E-05	1.71E-08	4.98E-09	2.78E-06	8.79E-10	2.56E-10
3146	486863.09, 3846377.25	5.30E-05	1.67E-08	4.86E-09	4.81E-06	1.52E-09	4.41E-10	5.37E-05	1.70E-08	4.93E-09	5.52E-06	1.74E-09	5.06E-10	5.22E-05	1.65E-08	4.79E-09	2.65E-06	8.37E-10	2.43E-10
3147	487363.09, 3846377.25	5.17E-05	1.63E-08	4.75E-09	4.84E-06	1.53E-09	4.44E-10	5.25E-05	1.66E-08	4.82E-09	5.56E-06	1.75E-09	5.10E-10	5.09E-05	1.61E-08	4.67E-09	2.67E-06	8.41E-10	2.45E-10
3148	487863.09, 3846377.25	5.34E-05	1.69E-08	4.91E-09	5.18E-06	1.63E-09	4.75E-10	5.43E-05	1.71E-08	4.98E-09	5.95E-06	1.88E-09	5.46E-10	5.25E-05	1.66E-08	4.82E-09	2.85E-06	8.98E-10	2.61E-10
3149	488363.09, 3846377.25	5.43E-05	1.71E-08	4.98E-09	5.16E-06	1.63E-09	4.74E-10	5.51E-05	1.74E-08	5.06E-09	5.92E-06	1.87E-09	5.44E-10	5.33E-05	1.68E-08	4.89E-09	2.84E-06	8.98E-10	2.61E-10
3150	488863.09, 3846377.25	5.52E-05	1.74E-08	5.07E-09	5.03E-06	1.59E-09	4.62E-10	5.60E-05	1.77E-08	5.14E-09	5.77E-06	1.82E-09	5.30E-10	5.43E-05	1.71E-08	4.99E-09	2.79E-06	8.80E-10	2.56E-10
3151	489363.09, 3846377.25	5.60E-05	1.77E-08	5.14E-09	5.08E-06	1.60E-09	4.67E-10	5.68E-05	1.79E-08	5.21E-09	5.83E-06	1.84E-09	5.35E-10	5.50E-05	1.74E-08	5.05E-09	2.82E-06	8.91E-10	2.59E-10
3152	489863.09, 3846377.25	5.55E-05	1.75E-08	5.09E-09	5.00E-06	1.58E-09	4.59E-10	5.63E-05	1.78E-08	5.17E-09	5.74E-06	1.81E-09	5.27E-10	5.46E-05	1.72E-08	5.01E-09	2.78E-06	8.76E-10	2.55E-10
3153	490363.09, 3846377.25	5.10E-05	1.61E-08	4.68E-09	4.53E-06	1.43E-09	4.16E-10	5.17E-05	1.63E-08	4.74E-09	5.19E-06	1.64E-09	4.77E-10	5.02E-05	1.58E-08	4.61E-09	2.51E-06	7.93E-10	2.31E-10
3154	490863.09, 3846377.25	5.01E-05	1.58E-08	4.60E-09	4.41E-06	1.39E-09	4.05E-10	5.08E-05	1.60E-08	4.66E-09	5.06E-06	1.60E-09	4.64E-10	4.94E-05	1.56E-08	4.53E-09	2.45E-06	7.73E-10	2.25E-10
3155	491363.09, 3846377.25	5.07E-05	1.60E-08	4.65E-09	4.49E-06	1.42E-09	4.12E-10	5.14E-05	1.62E-08	4.72E-09	5.15E-06	1.62E-09	4.73E-10	4.99E-05	1.58E-08	4.58E-09	2.49E-06	7.87E-10	2.29E-10
3156	491863.09, 3846377.25	5.56E-05	1.75E-08	5.10E-09	5.10E-06	1.61E-09	4.69E-10	5.64E-05	1.78E-08	5.18E-09	5.86E-06	1.85E-09	5.38E-10	5.47E-05	1.73E-08	5.02E-09	2.83E-06	8.92E-10	2.59E-10
3157	492363.09, 3846377.25	5.65E-05	1.78E-08	5.19E-09	5.26E-06	1.66E-09	4.83E-10	5.74E-05	1.81E-08	5.27E-09	6.03E-06	1.90E-09	5.54E-10	5.56E-05	1.75E-08	5.10E-09	2.91E-06	9.18E-10	2.67E-10
3158	492863.09, 3846377.25	5.78E-05	1.82E-08	5.31E-09	5.48E-06	1.73E-09	5.03E-10	5.87E-05	1.85E-08	5.39E-09	6.29E-06	1.99E-09	5.78E-10	5.68E-05	1.79E-08	5.21E-09	3.03E-06	9.56E-10	2.78E-10
3159	493363.09, 3846377.25	6.04E-05	1.91E-08	5.55E-09	5.97E-06	1.88E-09	5.48E-10	6.14E-05	1.94E-08	5.64E-09	6.86E-06	2.16E-09	6.29E-10	5.92E-05	1.87E-08	5.44E-09	3.29E-06	1.04E-09	3.02E-10
3160	493863.09, 3846377.25	6.20E-05	1.96E-08	5.69E-09	6.41E-06	2.02E-09	5.89E-10	6.30E-05	1.99E-08	5.79E-09	7.37E-06	2.33E-09	6.76E-10	6.06E-05	1.91E-08	5.57E-09	3.52E-06	1.11E-09	3.23E-10
3161	494363.09, 3846377.25	6.35E-05	2.01E-08	5.83E-09	6.86E-06	2.17E-09	6.30E-10	6.47E-05	2.04E-08	5.94E-09	7.89E-06	2.49E-09	7.24E-10	6.20E-05	1.96E-08	5.69E-09	3.75E-06	1.18E-09	3.44E-10
3162	494863.09, 3846377.25	6.65E-05	2.10E-08	6.11E-09	7.28E-06	2.30E-09	6.68E-10	6.77E-05	2.14E-08	6.21E-09	8.37E-06	2.64E-09	7.68E-10	6.48E-05	2.05E-08	5.95E-09	3.97E-06	1.25E-09	3.65E-10
3163	495363.09, 3846377.25	6.93E-05	2.19E-08	6.37E-09	7.62E-06	2.40E-09	6.99E-10	7.06E-05	2.23E-08	6.48E-09	8.76E-06	2.76E-09	8.04E-10	6.76E-05	2.13E-08	6.20E-09	4.15E-06	1.31E-09	3.81E-10
3164	495863.09, 3846377.25	7.30E-05	2.30E-08	6.70E-09	8.00E-06	2.52E-09	7.34E-10	7.43E-05	2.35E-08	6.82E-09	9.20E-06	2.90E-09	8.44E-10	7.12E-05	2.25E-08	6.54E-09	4.36E-06	1.38E-09	4.00E-10

3165 496363.09, 3846377.25	7.73E-05	2.44E-08	7.09E-09	8.38E-06	2.65E-09	7.70E-10	7.86E-05	2.48E-08	7.22E-09	9.64E-06	3.04E-09	8.85E-10	7.54E-05	2.38E-08	6.92E-09	4.57E-06	1.44E-09	4.19E-10
3166 496863.09, 3846377.25	8.20E-05	2.59E-08	7.52E-09	8.92E-06	2.82E-09	8.19E-10	8.34E-05	2.63E-08	7.66E-09	1.03E-05	3.24E-09	9.42E-10	8.00E-05	2.52E-08	7.34E-09	4.86E-06	1.53E-09	4.46E-10
3167 497363.09, 3846377.25	8.74E-05	2.76E-08	8.02E-09	9.51E-06	3.00E-09	8.73E-10	8.89E-05	2.81E-08	8.17E-09	1.09E-05	3.45E-09	1.00E-09	8.52E-05	2.69E-08	7.82E-09	5.18E-06	1.63E-09	4.76E-10
3168 497863.09, 3846377.25	9.25E-05	2.92E-08	8.49E-09	1.01E-05	3.19E-09	9.27E-10	9.42E-05	2.97E-08	8.65E-09	1.16E-05	3.66E-09	1.07E-09	9.02E-05	2.85E-08	8.28E-09	5.50E-06	1.74E-09	5.05E-10
3169 498363.09, 3846377.25	9.78E-05	3.09E-08	8.97E-09	1.06E-05	3.36E-09	9.76E-10	9.95E-05	3.14E-08	9.13E-09	1.22E-05	3.86E-09	1.12E-09	9.53E-05	3.01E-08	8.75E-09	5.79E-06	1.83E-09	5.32E-10
3170 471363.09, 3846877.25	1.47E-04	4.65E-08	1.35E-08	2.10E-05	6.61E-09	1.92E-09	1.51E-04	4.77E-08	1.39E-08	2.42E-05	7.65E-09	2.22E-09	1.42E-04	4.49E-08	1.30E-08	1.10E-05	3.48E-09	1.01E-09
3171 471863.09, 3846877.25	1.44E-04	4.54E-08	1.32E-08	2.06E-05	6.51E-09	1.89E-09	1.47E-04	4.65E-08	1.35E-08	2.38E-05	7.53E-09	2.19E-09	1.39E-04	4.38E-08	1.27E-08	1.09E-05	3.43E-09	9.97E-10
3172 472363.09, 3846877.25	1.32E-04	4.16E-08	1.21E-08	1.99E-05	6.27E-09	1.82E-09	1.35E-04	4.27E-08	1.24E-08	2.30E-05	7.25E-09	2.11E-09	1.26E-04	3.99E-08	1.16E-08	1.05E-05	3.30E-09	9.60E-10
3173 472863.09, 3846877.25	9.33E-05	2.94E-08	8.56E-09	1.47E-05	4.65E-09	1.35E-09	9.58E-05	3.02E-08	8.79E-09	1.70E-05	5.37E-09	1.56E-09	8.88E-05	2.80E-08	8.15E-09	7.79E-06	2.46E-09	7.15E-10
3174 473363.09, 3846877.25	1.00E-04	3.17E-08	9.22E-09	1.57E-05	4.97E-09	1.44E-09	1.03E-04	3.25E-08	9.47E-09	1.82E-05	5.74E-09	1.67E-09	9.57E-05	3.02E-08	8.79E-09	8.31E-06	2.62E-09	7.63E-10
3175 473863.09, 3846877.25	1.13E-04	3.58E-08	1.04E-08	1.67E-05	5.28E-09	1.54E-09	1.16E-04	3.67E-08	1.07E-08	1.93E-05	6.10E-09	1.77E-09	1.09E-04	3.43E-08	9.97E-09	8.83E-06	2.79E-09	8.11E-10
3176 474363.09, 3846877.25	1.22E-04	3.86E-08	1.12E-08	1.56E-05	4.92E-09	1.43E-09	1.25E-04	3.94E-08	1.15E-08	1.80E-05	5.69E-09	1.65E-09	1.19E-04	3.75E-08	1.09E-08	8.24E-06	2.60E-09	7.57E-10
3177 474863.09, 3846877.25	1.32E-04	4.16E-08	1.21E-08	1.53E-05	4.83E-09	1.40E-09	1.34E-04	4.24E-08	1.23E-08	1.77E-05	5.58E-09	1.62E-09	1.29E-04	4.07E-08	1.19E-08	8.09E-06	2.55E-09	7.43E-10
3178 475363.09, 3846877.25	1.36E-04	4.28E-08	1.25E-08	1.66E-05	5.25E-09	1.53E-09	1.38E-04	4.37E-08	1.27E-08	1.92E-05	6.06E-09	1.76E-09	1.32E-04	4.18E-08	1.21E-08	8.78E-06	2.77E-09	8.06E-10
3179 475863.09, 3846877.25	1.48E-04	4.67E-08	1.36E-08	2.06E-05	6.50E-09	1.89E-09	1.52E-04	4.78E-08	1.39E-08	2.38E-05	7.52E-09	2.19E-09	1.43E-04	4.51E-08	1.31E-08	1.08E-05	3.42E-09	9.96E-10
3180 476363.09, 3846877.25	1.54E-04	4.87E-08	1.42E-08	2.81E-05	8.86E-09	2.58E-09	1.59E-04	5.02E-08	1.46E-08	3.25E-05	1.02E-08	2.98E-09	1.45E-04	4.58E-08	1.33E-08	1.47E-05	4.65E-09	1.35E-09
3181 476863.09, 3846877.25	1.45E-04	4.59E-08	1.33E-08	2.83E-05	8.94E-09	2.60E-09	1.50E-04	4.74E-08	1.38E-08	3.28E-05	1.03E-08	3.01E-09	1.35E-04	4.27E-08	1.24E-08	1.49E-05	4.69E-09	1.36E-09
3182 477363.09, 3846877.25	1.31E-04	4.12E-08	1.20E-08	2.69E-05	8.50E-09	2.47E-09	1.35E-04	4.27E-08	1.24E-08	3.12E-05	9.83E-09	2.86E-09	1.21E-04	3.80E-08	1.11E-08	1.41E-05	4.46E-09	1.30E-09
3183 477863.09, 3846877.25	1.22E-04	3.84E-08	1.12E-08	2.35E-05	7.42E-09	2.16E-09	1.26E-04	3.97E-08	1.15E-08	2.72E-05	8.57E-09	2.49E-09	1.13E-04	3.57E-08	1.04E-08	1.24E-05	3.90E-09	1.14E-09
3184 478363.09, 3846877.25	1.14E-04	3.61E-08	1.05E-08	1.73E-05	5.45E-09	1.59E-09	1.17E-04	3.70E-08	1.08E-08	2.00E-05	6.30E-09	1.83E-09	1.09E-04	3.44E-08	1.00E-08	9.15E-06	2.89E-09	8.40E-10
3185 478863.09, 3846877.25	1.15E-04	3.64E-08	1.06E-08	1.83E-05	5.77E-09	1.68E-09	1.18E-04	3.74E-08	1.09E-08	2.11E-05	6.67E-09	1.94E-09	1.09E-04	3.46E-08	1.01E-08	9.68E-06	3.06E-09	8.89E-10
3186 479363.09, 3846877.25	1.05E-04	3.33E-08	9.67E-09	1.72E-05	5.42E-09	1.58E-09	1.08E-04	3.42E-08	9.94E-09	1.98E-05	6.26E-09	1.82E-09	9.98E-05	3.15E-08	9.16E-09	9.09E-06	2.87E-09	8.35E-10
3187 479863.09, 3846877.25	8.90E-05	2.81E-08	8.17E-09	1.30E-05	4.09E-09	1.19E-09	9.12E-05	2.88E-08	8.37E-09	1.49E-05	4.72E-09	1.37E-09	8.52E-05	2.69E-08	7.82E-09	6.89E-06	2.18E-09	6.33E-10
3188 480363.09, 3846877.25	8.29E-05	2.62E-08	7.61E-09	1.14E-05	3.60E-09	1.05E-09	8.48E-05	2.68E-08	7.78E-09	1.32E-05	4.15E-09	1.21E-09	7.97E-05	2.52E-08	7.32E-09	6.09E-06	1.92E-09	5.59E-10
3189 480863.09, 3846877.25	7.99E-05	2.52E-08	7.34E-09	1.08E-05	3.40E-09	9.90E-10	8.17E-05	2.58E-08	7.50E-09	1.24E-05	3.93E-09	1.14E-09	7.70E-05	2.43E-08	7.06E-09	5.77E-06	1.82E-09	5.30E-10
3190 481363.09, 3846877.25	7.96E-05	2.51E-08	7.31E-09	1.05E-05	3.33E-09	9.68E-10	8.13E-05	2.57E-08	7.47E-09	1.22E-05	3.84E-09	1.12E-09	7.67E-05	2.42E-08	7.04E-09	5.65E-06	1.78E-09	5.18E-10
3191 481863.09, 3846877.25	7.77E-05	2.45E-08	7.14E-09	9.44E-06	2.98E-09	8.67E-10	7.93E-05	2.50E-08	7.28E-09	1.09E-05	3.43E-09	9.99E-10	7.54E-05	2.38E-08	6.92E-09	5.08E-06	1.60E-09	4.66E-10
3192 482363.09, 3846877.25	7.27E-05	2.30E-08	6.68E-09	8.46E-06	2.67E-09	7.76E-10	7.41E-05	2.34E-08	6.81E-09	9.74E-06	3.07E-09	8.94E-10	7.07E-05	2.23E-08	6.49E-09	4.57E-06	1.44E-09	4.20E-10
3193 482863.09, 3846877.25	7.22E-05	2.28E-08	6.63E-09	8.32E-06	2.63E-09	7.64E-10	7.36E-05	2.32E-08	6.76E-09	9.58E-06	3.02E-09	8.79E-10	7.02E-05	2.22E-08	6.45E-09	4.50E-06	1.42E-09	4.13E-10
3194 483363.09, 3846877.25	7.20E-05	2.27E-08	6.61E-09	8.12E-06	2.56E-09	7.45E-10	7.33E-05	2.31E-08	6.73E-09	9.34E-06	2.95E-09	8.57E-10	7.00E-05	2.21E-08	6.43E-09	4.41E-06	1.39E-09	4.04E-10
3195 483863.09, 3846877.25	7.22E-05	2.28E-08	6.63E-09	7.95E-06	2.51E-09	7.30E-10	7.35E-05	2.32E-08	6.75E-09	9.14E-06	2.89E-09	8.39E-10	7.03E-05	2.22E-08	6.45E-09	4.33E-06	1.37E-09	3.97E-10
3196 484363.09, 3846877.25	7.27E-05	2.29E-08	6.67E-09	7.60E-06	2.40E-09	6.98E-10	7.39E-05	2.33E-08	6.78E-09	8.74E-06	2.76E-09	8.02E-10	7.09E-05	2.24E-08	6.51E-09	4.16E-06	1.31E-09	3.82E-10
3197 484863.09, 3846877.25	7.19E-05	2.27E-08	6.60E-09	7.39E-06	2.33E-09	6.79E-10	7.31E-05	2.31E-08	6.71E-09	8.49E-06	2.68E-09	7.80E-10	7.02E-05	2.22E-08	6.45E-09	4.05E-06	1.28E-09	3.72E-10
3198 485363.09, 3846877.25	7.04E-05	2.22E-08	6.47E-09	7.27E-06	2.29E-09	6.67E-10	7.16E-05	2.26E-08	6.58E-09	8.35E-06	2.64E-09	7.67E-10	6.88E-05	2.17E-08	6.32E-09	3.98E-06	1.26E-09	3.66E-10
3199 485863.09, 3846877.25	6.57E-05	2.07E-08	6.03E-09	6.54E-06	2.06E-09	6.00E-10	6.67E-05	2.11E-08	6.13E-09	7.51E-06	2.37E-09	6.89E-10	6.43E-05	2.03E-08	5.90E-09	3.59E-06	1.13E-09	3.29E-10
3200 486363.09, 3846877.25	6.49E-05	2.05E-08	5.96E-09	6.51E-06	2.06E-09	5.98E-10	6.60E-05	2.08E-08	6.06E-09	7.49E-06	2.36E-09	6.87E-10	6.36E-05	2.01E-08	5.84E-09	3.56E-06	1.12E-09	3.27E-10
3201 486863.09, 3846877.25	5.99E-05	1.89E-08	5.50E-09	5.76E-06	1.82E-09	5.28E-10	6.08E-05	1.92E-08	5.58E-09	6.61E-06	2.09E-09	6.07E-10	5.88E-05	1.86E-08	5.40E-09	3.16E-06	9.97E-10	2.90E-10
3202 487363.09, 3846877.25	5.83E-05	1.84E-08	5.35E-09	5.78E-06	1.83E-09	5.31E-10	5.93E-05	1.87E-08	5.44E-09	6.65E-06	2.10E-09	6.10E-10	5.72E-05	1.81E-08	5.25E-09	3.17E-06	1.00E-09	2.91E-10
3203 487863.09, 3846877.25	5.76E-05	1.82E-08	5.29E-09	5.75E-06	1.81E-09	5.28E-10	5.85E-05	1.85E-08	5.37E-09	6.61E-06	2.09E-09	6.06E-10	5.65E-05	1.78E-08	5.18E-09	3.15E-06	9.95E-10	2.90E-10
3204 488363.09, 3846877.25	5.80E-05	1.83E-08	5.32E-09	5.58E-06	1.76E-09	5.12E-10	5.89E-05	1.86E-08	5.41E-09	6.41E-06	2.02E-09	5.88E-10	5.69E-05	1.80E-08	5.23E-09	3.07E-06	9.69E-10	2.82E-10
3205 488863.09, 3846877.25	5.92E-05	1.87E-08	5.44E-09	5.53E-06	1.74E-09	5.08E-10	6.01E-05	1.90E-08	5.52E-09	6.34E-06	2.00E-09	5.82E-10	5.82E-05	1.84E-08	5.34E-09	3.06E-06	9.64E-10	2.81E-10
3206 489363.09, 3846877.25	6.08E-05	1.92E-08	5.58E-09	5.66E-06	1.79E-09	5.19E-10	6.17E-05	1.95E-08	5.66E-09	6.49E-06	2.05E-09	5.96E-10	5.97E-05	1.88E-08	5.48E-09	3.13E-06	9.89E-10	2.88E-10
3207 489863.09, 3846877.25	6.13E-05	1.94E-08	5.63E-09	5.52E-06	1.74E-09	5.07E-10	6.22E-05	1.96E-08	5.71E-09	6.33E-06	2.00E-09	5.81E-10	6.03E-05	1.90E-08	5.54E-09	3.06E-06	9.66E-10	2.81E-10
3208 490363.09, 3846877.25	5.73E-05	1.81E-08	5.26E-09	5.05E-06	1.59E-09	4.63E-10	5.81E-05	1.84E-08	5.34E-09	5.79E-06	1.83E-09	5.31E-10	5.65E-05	1.78E-08	5.19E-09	2.80E-06	8.85E-10	2.57E-10
3209 490863.09, 3846877.25	5.62E-05	1.78E-08	5.16E-09	5.04E-06	1.59E-09	4.63E-10	5.70E-05	1.80E-08	5.24E-09	5.78E-06	1.82E-09	5.30E-10	5.54E-05	1.75E-08	5.09E-09	2.79E-06	8.82E-10	2.57E-10
3210 491363.09, 3846877.25	5.75E-05	1.82E-08	5.28E-09	5.30E-06	1.67E-09	4.87E-10	5.84E-05	1.84E-08	5.36E-09	6.08E-06	1.92E-09	5.58E-10	5.66E-05	1.79E-08	5.19E-09	2.93E-06	9.26E-10	2.69E-10
3211 491863.09, 3846877.25	5.82E-05	1.84E-08	5.34E-09	5.45E-06	1.72E-09	5.01E-10	5.91E-05	1.86E-08	5.42E-09	6.26E-06	1.97E-09	5.74E-10	5.72E-05	1.80E-08	5.25E-09	3.01E-06	9.51E-10	2.77E-10
3212 492363.09, 3846877.25	6.32E-05	1.99E-08	5.80E-09	6.07E-06	1.91E-09	5.57E-10	6.41E-05	2.02E-08	5.89E-09	6.96E-06	2.20E-09	6.39E-10	6.20E-05	1.96E-08	5.69E-09	3.34E-06	1.06E-09	3.07E-10
3213 492863.09, 3846877.25	6.42E-05	2.03E-08	5.90E-09	6.33E-06	2.00E-09	5.81E-10	6.53E-05	2.06E-08	5.99E-09	7.26E-06	2.29E-09	6.67E-10	6.30E-05	1.99E-08	5.78E-09	3.48E-06	1.10E-09	3.20E-10
3214 493363.09, 3846877.25	6.62E-05	2.09E-08	6.07E-09	6.84E-06	2.16E-09	6.28E-10	6.73E-05	2.12E-08	6.18E-09	7.86E-06	2.48E-09	7.22E-10	6.47E-05	2.04E-08	5.94E-09	3.75E-06	1.18E-09	3.44E-10
3215 493863.09, 3846877.25	6.76E-05	2.13E-08	6.21E-09	7.25E-06	2.29E-09	6.66E-10	6.88E-05	2.17E-08	6.31E-09	8.33E-06	2.63E-09	7.65E-10	6.60E-05	2.08E-08	6.06E-09	3.97E-06	1.25E-09	3.64E-10
3216 494363.09, 3846877.25	6.95E-05	2.19E-08	6.38E-09	7.66E-06	2.42E-09	7.03E-10	7.08E-05	2.23E-08	6.50E-09	8.81E-06	2.78E-09	8.09E-10	6.77E-05	2.14E-08	6.22E-09	4.18E-06	1.32E-09	3.84E-10
3217 494863.09, 3846877.25	7.24E-05	2.29E-08	6.65E-09	8.00E-06	2.53E-09	7.35E-10	7.37E-05	2.33E-08	6.77E-09	9.20E-06	2.90E-09	8.45E-10	7.06E-05	2.23E-08	6.48E-09	4.36E-06	1.38E-09	4.01E-10
3218 495363.09, 3846877.25	7.56E-05	2.39E-08	6.94E-09	8.27E-06	2.61E-09	7.59E-10	7.69E-05	2.43E-08	7.06E-09	9.51E-06	3.00E-09	8.73E-10	7.37E-05	2.33E-08	6.77E-09	4.51E-06	1.42E-09	4.14E-10
3219 495863.09, 3846877.25	7.93E-05	2.50E-08	7.28E-09	8.62E-06	2.72E-09	7.91E-10	8.07E-05	2.55E-08	7.41E-09	9.91E-06	3.13E-09	9.10E-10	7.74E-05	2.44E-08	7.11E-09	4.70E-06	1.48E-09	4.31E-10
3220 496363.09, 3846877.25	8.44E-05	2.66E-08	7.75E-09	9.20E-06	2.90E-09	8.44E-10	8.59E-05	2.71E-08	7.89E-09	1.06E-05	3.34E-09	9.71E-10	8.23E-05	2.60E-08	7.56E-09	5.01E-06	1.58E-09	4.60E-10
3221 496863.09, 3846877.25	9.03E-05	2.85E-08	8.29E-09	9.97E-06	3.15E-09	9.15E-10	9.20E-05	2.90E-08	8.44E-09	1.15E-05	3.62E-09	1.05E-09	8.80E-05	2.78E-08	8.08E-09	5.43E-06	1.71E-09	4.98E-10
3222 497363.09, 3846877.25	9.81E-05	3.10E-08	9.01E-09	1.09E-05	3.45E-09	1.00E-09	9.99E-05	3.15E-08	9.17E-09	1.26E-05	3.97E-09	1.15E-09	9.55E-05	3.01E-08	8.77E-09	5.94E-06	1.88E-09	5.46E-10
3223 497863.09, 3846877.25	1.06E-04	3.35E-08	9.74E-09	1.19E-05	3.76E-09	1.09E-09	1.08E-04	3.41E-08	9.92E-09	1.37E-05	4.33E-09	1.26E-09	1.03E-04	3.26E-08	9.47E-09	6.48E-06	2.05E-09	5.95E-10
3224 498363.09, 3846877.25	1.11E-04	3.51E-08	1.02E-08	1.25E-05	3.95E-09	1.15E-09	1.13E-04	3.57E-08	1.04E-08	1.44E-05	4.54E-09	1.32E-09	1.08E-04	3.41E-08	9.92E-09	6.80E-06	2.15E-09	6.24E-10
3225 471363.09, 3847377.25	1.59E-04	5.00E-08	1.46E-08	2.23E-05	7.04E-09	2.05E-09	1.62E-04	5.12E-08	1.49E-08	2.58E-05	8.14E-09	2.37E-09	1.53E-04	4.83E-08	1.40E-08	1.17E-05	3.70E-09	1.08E-09
3226 471863.09, 3847377.25	1.60E-04	5.04E-08	1.47E-08	2.28E-05	7.20E-09	2.09E-09	1.64E-04	5.17E-08	1.50E-08	2.64E-05	8.32E-09	2.42E-09	1.54E-04	4.86E-08	1.41E-08	1.20E-05	3.79E-09	1.10E-09
3227 472363.09, 3847377.25	1.57E-04	4.95E-08	1.44E-08	2.28E-05	7.19E-09	2.09E-09	1.61E-04	5.07E-08	1.48E-08	2.63E-05	8.31E-09	2.42E-09	1.51E-04	4.76E-08	1.38E-08	1.20E-05	3.78E-09	1.10E-09
3228 472863.09, 3847377.25	1.45E-04	4.56E-08	1.33E-08	2.19E-05	6.91E-09	2.01E-09	1.48E-04	4.68E-08	1.36E-08	2.53E-05	7.99E-09	2.32E-09	1.38E-04	4.37E-08	1.27E-08	1.15E-05	3.64E-09	1.06E-09
3229 473363.09, 3847377.25	1.16E-04	3.67E-08	1.07E-08	1.91E-05	6.01E-09	1.75E-09	1.20E-04	3.77E-08	1.10E-08	2.20E-05	6.95E-09	2.02E-09	1.10E-04	3.49E-08	1.01E-08	1.00E-05	3.17E-09	9.22E-10
3230 473863.09, 3847377.25	1.17E-04	3.69E-08	1.07E-08	1.88E-05	5.95E-09	1.73E-09	1.20E-04	3.79E-08	1.10E-08	2.18E-05	6.87E-09	2.00E-09	1.11E-04	3.51E-08	1.02E-08	9.93E-06	3.14E-09	9.12E-10

3231 474363.09, 3847377.25	1.30E-04	4.11E-08	1.19E-08	1.94E-05	6.13E-09	1.78E-09	1.33E-04	4.21E-08	1.23E-08	2.25E-05	7.09E-09	2.06E-09	1.25E-04	3.94E-08	1.15E-08	1.02E-05	3.23E-09	9.40E-10
3232 474863.09, 3847377.25	1.36E-04	4.29E-08	1.25E-08	1.79E-05	5.66E-09	1.65E-09	1.39E-04	4.39E-08	1.28E-08	2.07E-05	6.54E-09	1.90E-09	1.32E-04	4.16E-08	1.21E-08	9.46E-06	2.99E-09	8.68E-10
3233 475363.09, 3847377.25	1.39E-04	4.38E-08	1.27E-08	1.64E-05	5.18E-09	1.51E-09	1.42E-04	4.47E-08	1.30E-08	1.90E-05	5.98E-09	1.74E-09	1.36E-04	4.28E-08	1.25E-08	8.68E-06	2.74E-09	7.96E-10
3234 475863.09, 3847377.25	1.58E-04	4.98E-08	1.45E-08	1.91E-05	6.02E-09	1.75E-09	1.61E-04	5.08E-08	1.48E-08	2.20E-05	6.95E-09	2.02E-09	1.54E-04	4.86E-08	1.41E-08	1.01E-05	3.17E-09	9.23E-10
3235 476363.09, 3847377.25	1.75E-04	5.52E-08	1.60E-08	2.42E-05	7.65E-09	2.22E-09	1.79E-04	5.65E-08	1.64E-08	2.80E-05	8.84E-09	2.57E-09	1.69E-04	5.33E-08	1.55E-08	1.27E-05	4.02E-09	1.17E-09
3236 476863.09, 3847377.25	1.68E-04	5.31E-08	1.55E-08	3.11E-05	9.80E-09	2.85E-09	1.74E-04	5.48E-08	1.59E-08	3.59E-05	1.13E-08	3.30E-09	1.58E-04	4.98E-08	1.45E-08	1.63E-05	5.14E-09	1.50E-09
3237 477363.09, 3847377.25	1.60E-04	5.06E-08	1.47E-08	3.21E-05	1.01E-08	2.95E-09	1.66E-04	5.23E-08	1.52E-08	3.72E-05	1.17E-08	3.41E-09	1.49E-04	4.69E-08	1.37E-08	1.69E-05	5.32E-09	1.55E-09
3238 477863.09, 3847377.25	1.43E-04	4.51E-08	1.31E-08	3.00E-05	9.47E-09	2.75E-09	1.48E-04	4.67E-08	1.36E-08	3.47E-05	1.10E-08	3.19E-09	1.32E-04	4.16E-08	1.21E-08	1.57E-05	4.97E-09	1.45E-09
3239 478363.09, 3847377.25	1.37E-04	4.33E-08	1.26E-08	2.57E-05	8.12E-09	2.36E-09	1.41E-04	4.46E-08	1.30E-08	2.98E-05	9.39E-09	2.73E-09	1.28E-04	4.04E-08	1.18E-08	1.35E-05	4.28E-09	1.24E-09
3240 478863.09, 3847377.25	1.35E-04	4.26E-08	1.24E-08	2.02E-05	6.37E-09	1.85E-09	1.38E-04	4.37E-08	1.27E-08	2.33E-05	7.36E-09	2.14E-09	1.29E-04	4.07E-08	1.18E-08	1.07E-05	3.38E-09	9.82E-10
3241 479363.09, 3847377.25	1.13E-04	3.57E-08	1.04E-08	1.84E-05	5.81E-09	1.69E-09	1.16E-04	3.66E-08	1.07E-08	2.13E-05	6.71E-09	1.95E-09	1.07E-04	3.37E-08	9.82E-09	9.77E-06	3.08E-09	8.97E-10
3242 479863.09, 3847377.25	8.98E-05	2.84E-08	8.25E-09	1.32E-05	4.17E-09	1.21E-09	9.21E-05	2.91E-08	8.45E-09	1.53E-05	4.82E-09	1.40E-09	8.59E-05	2.71E-08	7.88E-09	7.04E-06	2.22E-09	6.47E-10
3243 480363.09, 3847377.25	7.53E-05	2.38E-08	6.91E-09	9.02E-06	2.85E-09	8.28E-10	7.68E-05	2.42E-08	7.05E-09	1.04E-05	3.28E-09	9.55E-10	7.31E-05	2.31E-08	6.71E-09	4.86E-06	1.53E-09	4.46E-10
3244 480863.09, 3847377.25	7.23E-05	2.28E-08	6.64E-09	8.51E-06	2.69E-09	7.81E-10	7.37E-05	2.33E-08	6.77E-09	9.80E-06	3.09E-09	9.00E-10	7.03E-05	2.22E-08	6.45E-09	4.59E-06	1.45E-09	4.21E-10
3245 481363.09, 3847377.25	7.50E-05	2.37E-08	6.89E-09	9.26E-06	2.92E-09	8.50E-10	7.66E-05	2.42E-08	7.03E-09	1.07E-05	3.37E-09	9.79E-10	7.27E-05	2.29E-08	6.67E-09	4.98E-06	1.57E-09	4.57E-10
3246 481863.09, 3847377.25	8.32E-05	2.63E-08	7.64E-09	1.07E-05	3.38E-09	9.83E-10	8.50E-05	2.68E-08	7.80E-09	1.23E-05	3.90E-09	1.13E-09	8.04E-05	2.54E-08	7.38E-09	5.74E-06	1.81E-09	5.27E-10
3247 482363.09, 3847377.25	8.12E-05	2.56E-08	7.45E-09	9.94E-06	3.14E-09	9.13E-10	8.28E-05	2.61E-08	7.60E-09	1.15E-05	3.62E-09	1.05E-09	7.87E-05	2.48E-08	7.22E-09	5.35E-06	1.69E-09	4.91E-10
3248 482863.09, 3847377.25	7.89E-05	2.49E-08	7.24E-09	9.51E-06	3.00E-09	8.73E-10	8.05E-05	2.54E-08	7.39E-09	1.10E-05	3.46E-09	1.01E-09	7.65E-05	2.41E-08	7.02E-09	5.13E-06	1.62E-09	4.71E-10
3249 483363.09, 3847377.25	7.71E-05	2.43E-08	7.07E-09	9.05E-06	2.85E-09	8.30E-10	7.85E-05	2.48E-08	7.21E-09	1.04E-05	3.29E-09	9.56E-10	7.48E-05	2.36E-08	6.87E-09	4.89E-06	1.54E-09	4.49E-10
3250 483863.09, 3847377.25	7.79E-05	2.46E-08	7.15E-09	9.07E-06	2.86E-09	8.33E-10	7.94E-05	2.51E-08	7.29E-09	1.04E-05	3.29E-09	9.58E-10	7.56E-05	2.39E-08	6.94E-09	4.92E-06	1.55E-09	4.52E-10
3251 484363.09, 3847377.25	8.04E-05	2.54E-08	7.38E-09	8.92E-06	2.82E-09	8.19E-10	8.19E-05	2.58E-08	7.52E-09	1.03E-05	3.24E-09	9.42E-10	7.82E-05	2.47E-08	7.18E-09	4.86E-06	1.53E-09	4.46E-10
3252 484863.09, 3847377.25	7.98E-05	2.52E-08	7.32E-09	8.57E-06	2.70E-09	7.87E-10	8.12E-05	2.56E-08	7.45E-09	9.85E-06	3.11E-09	9.04E-10	7.77E-05	2.45E-08	7.13E-09	4.68E-06	1.48E-09	4.30E-10
3253 485363.09, 3847377.25	7.77E-05	2.45E-08	7.13E-09	8.30E-06	2.62E-09	7.62E-10	7.91E-05	2.50E-08	7.26E-09	9.54E-06	3.01E-09	8.76E-10	7.57E-05	2.39E-08	6.95E-09	4.54E-06	1.43E-09	4.17E-10
3254 485863.09, 3847377.25	7.40E-05	2.34E-08	6.79E-09	7.79E-06	2.46E-09	7.15E-10	7.53E-05	2.38E-08	6.91E-09	8.95E-06	2.83E-09	8.22E-10	7.22E-05	2.28E-08	6.63E-09	4.26E-06	1.34E-09	3.91E-10
3255 486363.09, 3847377.25	7.16E-05	2.26E-08	6.57E-09	7.46E-06	2.35E-09	6.85E-10	7.28E-05	2.30E-08	6.69E-09	8.58E-06	2.71E-09	7.87E-10	7.00E-05	2.21E-08	6.43E-09	4.07E-06	1.28E-09	3.73E-10
3256 486863.09, 3847377.25	6.74E-05	2.13E-08	6.18E-09	6.85E-06	2.16E-09	6.29E-10	6.85E-05	2.16E-08	6.29E-09	7.87E-06	2.49E-09	7.23E-10	6.60E-05	2.08E-08	6.06E-09	3.74E-06	1.18E-09	3.43E-10
3257 487363.09, 3847377.25	6.56E-05	2.07E-08	6.02E-09	6.84E-06	2.16E-09	6.28E-10	6.67E-05	2.10E-08	6.12E-09	7.86E-06	2.48E-09	7.22E-10	6.42E-05	2.02E-08	5.89E-09	3.73E-06	1.18E-09	3.42E-10
3258 487863.09, 3847377.25	6.27E-05	1.98E-08	5.76E-09	6.43E-06	2.03E-09	5.91E-10	6.38E-05	2.01E-08	5.86E-09	7.39E-06	2.33E-09	6.79E-10	6.14E-05	1.94E-08	5.64E-09	3.52E-06	1.11E-09	3.23E-10
3259 488363.09, 3847377.25	6.34E-05	2.00E-08	5.82E-09	6.23E-06	1.97E-09	5.72E-10	6.44E-05	2.03E-08	5.91E-09	7.16E-06	2.26E-09	6.57E-10	6.21E-05	1.96E-08	5.70E-09	3.42E-06	1.08E-09	3.14E-10
3260 488863.09, 3847377.25	6.53E-05	2.06E-08	5.99E-09	6.22E-06	1.96E-09	5.71E-10	6.63E-05	2.09E-08	6.08E-09	7.14E-06	2.25E-09	6.56E-10	6.40E-05	2.02E-08	5.88E-09	3.43E-06	1.08E-09	3.15E-10
3261 489363.09, 3847377.25	6.68E-05	2.11E-08	6.13E-09	6.32E-06	1.99E-09	5.80E-10	6.78E-05	2.14E-08	6.23E-09	7.25E-06	2.29E-09	6.66E-10	6.56E-05	2.07E-08	6.02E-09	3.49E-06	1.10E-09	3.21E-10
3262 489863.09, 3847377.25	6.60E-05	2.08E-08	6.06E-09	6.02E-06	1.90E-09	5.52E-10	6.69E-05	2.11E-08	6.15E-09	6.90E-06	2.18E-09	6.34E-10	6.49E-05	2.05E-08	5.96E-09	3.33E-06	1.05E-09	3.06E-10
3263 490363.09, 3847377.25	6.33E-05	2.00E-08	5.81E-09	5.74E-06	1.81E-09	5.27E-10	6.43E-05	2.03E-08	5.90E-09	6.59E-06	2.08E-09	6.05E-10	6.23E-05	1.97E-08	5.72E-09	3.18E-06	1.00E-09	2.92E-10
3264 490863.09, 3847377.25	6.40E-05	2.02E-08	5.88E-09	5.96E-06	1.88E-09	5.47E-10	6.50E-05	2.05E-08	5.97E-09	6.84E-06	2.16E-09	6.28E-10	6.30E-05	1.99E-08	5.78E-09	3.30E-06	1.04E-09	3.03E-10
3265 491363.09, 3847377.25	6.50E-05	2.05E-08	5.97E-09	6.22E-06	1.96E-09	5.71E-10	6.60E-05	2.08E-08	6.06E-09	7.14E-06	2.25E-09	6.56E-10	6.38E-05	2.01E-08	5.86E-09	3.43E-06	1.08E-09	3.15E-10
3266 491863.09, 3847377.25	6.87E-05	2.17E-08	6.31E-09	6.76E-06	2.13E-09	6.20E-10	6.98E-05	2.20E-08	6.41E-09	7.76E-06	2.45E-09	7.12E-10	6.74E-05	2.13E-08	6.19E-09	3.72E-06	1.17E-09	3.42E-10
3267 492363.09, 3847377.25	6.94E-05	2.19E-08	6.37E-09	6.91E-06	2.18E-09	6.34E-10	7.06E-05	2.23E-08	6.48E-09	7.93E-06	2.50E-09	7.28E-10	6.80E-05	2.15E-08	6.25E-09	3.80E-06	1.20E-09	3.49E-10
3268 492863.09, 3847377.25	7.14E-05	2.25E-08	6.55E-09	7.39E-06	2.33E-09	6.78E-10	7.26E-05	2.29E-08	6.66E-09	8.49E-06	2.68E-09	7.79E-10	6.98E-05	2.20E-08	6.40E-09	4.05E-06	1.28E-09	3.72E-10
3269 493363.09, 3847377.25	7.22E-05	2.28E-08	6.63E-09	7.79E-06	2.46E-09	7.15E-10	7.35E-05	2.32E-08	6.75E-09	8.96E-06	2.83E-09	8.22E-10	7.04E-05	2.22E-08	6.47E-09	4.26E-06	1.34E-09	3.91E-10
3270 493863.09, 3847377.25	7.30E-05	2.30E-08	6.70E-09	8.05E-06	2.54E-09	7.39E-10	7.43E-05	2.34E-08	6.82E-09	9.25E-06	2.92E-09	8.50E-10	7.11E-05	2.24E-08	6.53E-09	4.39E-06	1.39E-09	4.03E-10
3271 494363.09, 3847377.25	7.50E-05	2.37E-08	6.88E-09	8.28E-06	2.61E-09	7.60E-10	7.63E-05	2.41E-08	7.01E-09	9.52E-06	3.00E-09	8.74E-10	7.31E-05	2.31E-08	6.71E-09	4.51E-06	1.42E-09	4.14E-10
3272 494863.09, 3847377.25	7.78E-05	2.46E-08	7.14E-09	8.51E-06	2.68E-09	7.81E-10	7.92E-05	2.50E-08	7.27E-09	9.78E-06	3.09E-09	8.98E-10	7.59E-05	2.39E-08	6.97E-09	4.64E-06	1.46E-09	4.26E-10
3273 495363.09, 3847377.25	8.14E-05	2.57E-08	7.47E-09	8.85E-06	2.79E-09	8.13E-10	8.28E-05	2.61E-08	7.61E-09	1.02E-05	3.21E-09	9.35E-10	7.94E-05	2.51E-08	7.29E-09	4.83E-06	1.52E-09	4.43E-10
3274 495863.09, 3847377.25	8.64E-05	2.73E-08	7.94E-09	9.43E-06	2.98E-09	8.66E-10	8.80E-05	2.78E-08	8.08E-09	1.08E-05	3.42E-09	9.96E-10	8.43E-05	2.66E-08	7.74E-09	5.14E-06	1.62E-09	4.72E-10
3275 496363.09, 3847377.25	9.19E-05	2.90E-08	8.44E-09	1.01E-05	3.18E-09	9.26E-10	9.35E-05	2.95E-08	8.59E-09	1.16E-05	3.66E-09	1.07E-09	8.96E-05	2.83E-08	8.22E-09	5.50E-06	1.73E-09	5.05E-10
3276 496863.09, 3847377.25	9.87E-05	3.12E-08	9.06E-09	1.11E-05	3.50E-09	1.02E-09	1.01E-04	3.17E-08	9.23E-09	1.27E-05	4.02E-09	1.17E-09	9.61E-05	3.03E-08	8.82E-09	6.03E-06	1.90E-09	5.53E-10
3277 497363.09, 3847377.25	1.08E-04	3.42E-08	9.94E-09	1.23E-05	3.89E-09	1.13E-09	1.10E-04	3.48E-08	1.01E-08	1.42E-05	4.48E-09	1.30E-09	1.05E-04	3.32E-08	9.66E-09	6.70E-06	2.12E-09	6.15E-10
3278 497863.09, 3847377.25	1.20E-04	3.78E-08	1.10E-08	1.40E-05	4.41E-09	1.28E-09	1.22E-04	3.85E-08	1.12E-08	1.61E-05	5.07E-09	1.48E-09	1.16E-04	3.67E-08	1.07E-08	7.57E-06	2.39E-09	6.95E-10
3279 498363.09, 3847377.25	1.26E-04	3.98E-08	1.16E-08	1.50E-05	4.73E-09	1.38E-09	1.29E-04	4.06E-08	1.18E-08	1.73E-05	5.45E-09	1.58E-09	1.22E-04	3.86E-08	1.12E-08	8.12E-06	2.56E-09	7.45E-10
3280 471363.09, 3847877.25	1.70E-04	5.36E-08	1.56E-08	2.47E-05	7.78E-09	2.26E-09	1.74E-04	5.49E-08	1.60E-08	2.85E-05	9.00E-09	2.62E-09	1.63E-04	5.16E-08	1.50E-08	1.30E-05	4.09E-09	1.19E-09
3281 471863.09, 3847877.25	1.73E-04	5.45E-08	1.59E-08	2.46E-05	7.75E-09	2.25E-09	1.77E-04	5.58E-08	1.62E-08	2.84E-05	8.96E-09	2.61E-09	1.67E-04	5.26E-08	1.53E-08	1.29E-05	4.07E-09	1.19E-09
3282 472363.09, 3847877.25	1.74E-04	5.50E-08	1.60E-08	2.48E-05	7.84E-09	2.28E-09	1.78E-04	5.63E-08	1.64E-08	2.87E-05	9.07E-09	2.64E-09	1.68E-04	5.30E-08	1.54E-08	1.31E-05	4.12E-09	1.20E-09
3283 472863.09, 3847877.25	1.71E-04	5.41E-08	1.57E-08	2.51E-05	7.92E-09	2.30E-09	1.76E-04	5.54E-08	1.61E-08	2.90E-05	9.16E-09	2.66E-09	1.65E-04	5.20E-08	1.51E-08	1.32E-05	4.16E-09	1.21E-09
3284 473363.09, 3847877.25	1.67E-04	5.27E-08	1.53E-08	2.49E-05	7.86E-09	2.29E-09	1.71E-04	5.40E-08	1.57E-08	2.88E-05	9.09E-09	2.65E-09	1.60E-04	5.05E-08	1.47E-08	1.31E-05	4.13E-09	1.20E-09
3285 473863.09, 3847877.25	1.53E-04	4.84E-08	1.41E-08	2.41E-05	7.60E-09	2.21E-09	1.57E-04	4.97E-08	1.45E-08	2.78E-05	8.79E-09	2.56E-09	1.46E-04	4.62E-08	1.34E-08	1.27E-05	4.00E-09	1.16E-09
3286 474363.09, 3847877.25	1.32E-04	4.15E-08	1.21E-08	2.17E-05	6.84E-09	1.99E-09	1.35E-04	4.27E-08	1.24E-08	2.51E-05	7.91E-09	2.30E-09	1.25E-04	3.94E-08	1.15E-08	1.14E-05	3.60E-09	1.05E-09
3287 474863.09, 3847877.25	1.46E-04	4.62E-08	1.34E-08	2.21E-05	6.98E-09	2.03E-09	1.50E-04	4.74E-08	1.38E-08	2.56E-05	8.07E-09	2.35E-09	1.40E-04	4.42E-08	1.29E-08	1.17E-05	3.68E-09	1.07E-09
3288 475363.09, 3847877.25	1.50E-04	4.74E-08	1.38E-08	2.05E-05	6.46E-09	1.88E-09	1.54E-04	4.85E-08	1.41E-08	2.37E-05	7.47E-09	2.17E-09	1.45E-04	4.58E-08	1.33E-08	1.08E-05	3.41E-09	9.91E-10
3289 475863.09, 3847877.25	1.51E-04	4.78E-08	1.39E-08	1.82E-05	5.75E-09	1.67E-09	1.55E-04	4.88E-08	1.42E-08	2.11E-05	6.65E-09	1.93E-09	1.48E-04	4.67E-08	1.36E-08	9.63E-06	3.04E-09	8.84E-10
3290 476363.09, 3847877.25	1.89E-04	5.95E-08	1.73E-08	2.20E-05	6.94E-09	2.02E-09	1.92E-04	6.07E-08	1.76E-08	2.54E-05	8.02E-09	2.33E-09	1.85E-04	5.83E-08	1.70E-08	1.16E-05	3.66E-09	1.06E-09
3291 476863.09, 3847877.25	1.91E-04	6.02E-08	1.75E-08	2.67E-05	8.44E-09	2.46E-09	1.95E-04	6.16E-08	1.79E-08	3.09E-05	9.76E-09	2.84E-09	1.84E-04	5.81E-08	1.69E-08	1.41E-05	4.44E-09	1.29E-09
3292 477363.09, 3847877.25	1.91E-04	6.02E-08	1.75E-08	3.53E-05	1.12E-08	3.25E-09	1.97E-04	6.21E-08	1.81E-08	4.09E-05	1.29E-08	3.75E-09	1.79E-04	5.64E-08	1.64E-08	1.85E-05	5.85E-09	1.70E-09
3293 477863.09, 3847877.25	1.75E-04	5.54E-08	1.61E-08	3.63E-05	1.15E-08	3.34E-09	1.82E-04	5.73E-08	1.67E-08	4.20E-05	1.33E-08	3.86E-09	1.62E-04	5.11E-08	1.49E-08	1.90E-05	6.01E-09	1.75E-09
3294 478363.09, 3847877.25	1.59E-04	5.02E-08	1.46E-08	3.41E-05	1.08E-08	3.13E-09	1.65E-04	5.20E-08	1.51E-08	3.94E-05	1.24E-08	3.62E-09	1.46E-04	4.61E-08	1.34E-08	1.79E-05	5.64E-09	1.64E-09
3295 478863.09, 3847877.25	1.52E-04	4.78E-08	1.39E-08	2.77E-05	8.74E-09	2.54E-09	1.56E-04	4.93E-08	1.43E-08	3.20E-05	1.01E-08	2.94E-09	1.42E-04	4.48E-08	1.30E-08	1.46E-05	4.61E-09	1.34E-09
3296 479363.09, 3847877.25	1.15E-04	3.63E-08	1.05E-08	1.76E-05	5.56E-09	1.62E-09	1.18E-04	3.72E-08	1.08E-08	2.03E-05	6.42E-09	1.87E-09	1.09E-04	3.45E-08	1.00E-08	9.35E-06	2.95E-09	8.58E-10

3297 479863.09, 3847877.25	8.29E-05	2.62E-08	7.61E-09	1.13E-05	3.57E-09	1.04E-09	8.47E-05	2.67E-08	7.78E-09	1.30E-05	4.12E-09	1.20E-09	7.97E-05	2.52E-08	7.32E-09	6.04E-06	1.91E-09	5.55E-10
3298 480363.09, 3847877.25	8.40E-05	2.65E-08	7.71E-09	1.10E-05	3.48E-09	1.01E-09	8.59E-05	2.71E-08	7.88E-09	1.27E-05	4.01E-09	1.17E-09	8.11E-05	2.56E-08	7.44E-09	5.90E-06	1.86E-09	5.42E-10
3299 480863.09, 3847877.25	8.02E-05	2.53E-08	7.36E-09	9.85E-06	3.11E-09	9.05E-10	8.18E-05	2.58E-08	7.51E-09	1.14E-05	3.58E-09	1.04E-09	7.77E-05	2.45E-08	7.14E-09	5.30E-06	1.67E-09	4.86E-10
3300 481363.09, 3847877.25	8.07E-05	2.55E-08	7.41E-09	1.02E-05	3.22E-09	9.36E-10	8.24E-05	2.60E-08	7.57E-09	1.17E-05	3.71E-09	1.08E-09	7.81E-05	2.47E-08	7.17E-09	5.47E-06	1.73E-09	5.03E-10
3301 481863.09, 3847877.25	9.39E-05	2.96E-08	8.62E-09	1.31E-05	4.14E-09	1.20E-09	9.61E-05	3.03E-08	8.82E-09	1.51E-05	4.78E-09	1.39E-09	9.01E-05	2.84E-08	8.27E-09	7.01E-06	2.21E-09	6.43E-10
3302 482363.09, 3847877.25	9.02E-05	2.85E-08	8.28E-09	1.18E-05	3.71E-09	1.08E-09	9.22E-05	2.91E-08	8.46E-09	1.36E-05	4.28E-09	1.24E-09	8.71E-05	2.75E-08	7.99E-09	6.30E-06	1.99E-09	5.78E-10
3303 482863.09, 3847877.25	8.52E-05	2.69E-08	7.82E-09	1.07E-05	3.37E-09	9.79E-10	8.69E-05	2.74E-08	7.98E-09	1.23E-05	3.88E-09	1.13E-09	8.24E-05	2.60E-08	7.56E-09	5.73E-06	1.81E-09	5.26E-10
3304 483363.09, 3847877.25	8.40E-05	2.65E-08	7.72E-09	1.02E-05	3.23E-09	9.40E-10	8.57E-05	2.71E-08	7.87E-09	1.18E-05	3.72E-09	1.08E-09	8.14E-05	2.57E-08	7.47E-09	5.52E-06	1.74E-09	5.07E-10
3305 483863.09, 3847877.25	8.49E-05	2.68E-08	7.79E-09	1.06E-05	3.33E-09	9.69E-10	8.66E-05	2.73E-08	7.95E-09	1.22E-05	3.84E-09	1.12E-09	8.20E-05	2.59E-08	7.53E-09	5.70E-06	1.80E-09	5.23E-10
3306 484363.09, 3847877.25	8.71E-05	2.75E-08	7.99E-09	1.03E-05	3.24E-09	9.42E-10	8.87E-05	2.80E-08	8.15E-09	1.18E-05	3.73E-09	1.08E-09	8.44E-05	2.66E-08	7.75E-09	5.56E-06	1.76E-09	5.11E-10
3307 484863.09, 3847877.25	8.85E-05	2.79E-08	8.12E-09	9.96E-06	3.14E-09	9.15E-10	9.01E-05	2.84E-08	8.27E-09	1.15E-05	3.62E-09	1.05E-09	8.59E-05	2.71E-08	7.89E-09	5.42E-06	1.71E-09	4.98E-10
3308 485363.09, 3847877.25	8.83E-05	2.79E-08	8.10E-09	9.96E-06	3.14E-09	9.15E-10	8.99E-05	2.84E-08	8.25E-09	1.15E-05	3.62E-09	1.05E-09	8.57E-05	2.71E-08	7.87E-09	5.42E-06	1.71E-09	4.98E-10
3309 485863.09, 3847877.25	8.43E-05	2.66E-08	7.74E-09	9.27E-06	2.93E-09	8.51E-10	8.58E-05	2.71E-08	7.88E-09	1.07E-05	3.37E-09	9.79E-10	8.20E-05	2.59E-08	7.53E-09	5.05E-06	1.59E-09	4.64E-10
3310 486363.09, 3847877.25	7.79E-05	2.46E-08	7.15E-09	8.30E-06	2.62E-09	7.62E-10	7.92E-05	2.50E-08	7.27E-09	9.54E-06	3.01E-09	8.76E-10	7.60E-05	2.40E-08	6.98E-09	4.52E-06	1.43E-09	4.15E-10
3311 486863.09, 3847877.25	7.49E-05	2.36E-08	6.87E-09	7.98E-06	2.52E-09	7.33E-10	7.62E-05	2.40E-08	6.99E-09	9.18E-06	2.90E-09	8.43E-10	7.32E-05	2.31E-08	6.72E-09	4.34E-06	1.37E-09	3.98E-10
3312 487363.09, 3847877.25	7.10E-05	2.24E-08	6.52E-09	7.67E-06	2.42E-09	7.04E-10	7.23E-05	2.28E-08	6.63E-09	8.82E-06	2.78E-09	8.10E-10	6.93E-05	2.19E-08	6.36E-09	4.17E-06	1.32E-09	3.83E-10
3313 487863.09, 3847877.25	6.84E-05	2.16E-08	6.28E-09	7.27E-06	2.29E-09	6.67E-10	6.96E-05	2.20E-08	6.39E-09	8.35E-06	2.64E-09	7.67E-10	6.68E-05	2.11E-08	6.14E-09	3.96E-06	1.25E-09	3.64E-10
3314 488363.09, 3847877.25	6.94E-05	2.19E-08	6.37E-09	7.03E-06	2.22E-09	6.45E-10	7.05E-05	2.23E-08	6.47E-09	8.08E-06	2.55E-09	7.42E-10	6.79E-05	2.14E-08	6.23E-09	3.85E-06	1.22E-09	3.53E-10
3315 488863.09, 3847877.25	7.21E-05	2.28E-08	6.62E-09	7.10E-06	2.24E-09	6.51E-10	7.32E-05	2.31E-08	6.72E-09	8.15E-06	2.57E-09	7.48E-10	7.07E-05	2.23E-08	6.49E-09	3.90E-06	1.23E-09	3.58E-10
3316 489363.09, 3847877.25	7.36E-05	2.32E-08	6.76E-09	7.12E-06	2.25E-09	6.53E-10	7.48E-05	2.36E-08	6.86E-09	8.17E-06	2.58E-09	7.50E-10	7.22E-05	2.28E-08	6.63E-09	3.92E-06	1.24E-09	3.60E-10
3317 489863.09, 3847877.25	7.57E-05	2.39E-08	6.95E-09	7.27E-06	2.29E-09	6.67E-10	7.69E-05	2.43E-08	7.06E-09	8.35E-06	2.63E-09	7.66E-10	7.43E-05	2.34E-08	6.82E-09	4.00E-06	1.26E-09	3.67E-10
3318 490363.09, 3847877.25	7.50E-05	2.37E-08	6.88E-09	7.30E-06	2.30E-09	6.70E-10	7.62E-05	2.40E-08	6.99E-09	8.38E-06	2.64E-09	7.69E-10	7.36E-05	2.32E-08	6.75E-09	4.01E-06	1.27E-09	3.68E-10
3319 490863.09, 3847877.25	7.46E-05	2.35E-08	6.85E-09	7.47E-06	2.36E-09	6.86E-10	7.58E-05	2.39E-08	6.96E-09	8.59E-06	2.71E-09	7.88E-10	7.31E-05	2.31E-08	6.71E-09	4.10E-06	1.29E-09	3.76E-10
3320 491363.09, 3847877.25	7.47E-05	2.36E-08	6.86E-09	7.52E-06	2.37E-09	6.90E-10	7.59E-05	2.40E-08	6.97E-09	8.64E-06	2.73E-09	7.93E-10	7.31E-05	2.31E-08	6.71E-09	4.13E-06	1.30E-09	3.79E-10
3321 491863.09, 3847877.25	7.63E-05	2.41E-08	7.00E-09	7.82E-06	2.47E-09	7.18E-10	7.76E-05	2.45E-08	7.12E-09	8.99E-06	2.84E-09	8.25E-10	7.46E-05	2.36E-08	6.85E-09	4.29E-06	1.35E-09	3.94E-10
3322 492363.09, 3847877.25	7.80E-05	2.46E-08	7.16E-09	8.20E-06	2.59E-09	7.53E-10	7.93E-05	2.50E-08	7.28E-09	9.42E-06	2.97E-09	8.65E-10	7.62E-05	2.40E-08	6.99E-09	4.49E-06	1.42E-09	4.12E-10
3323 492863.09, 3847877.25	7.84E-05	2.47E-08	7.20E-09	8.56E-06	2.70E-09	7.86E-10	7.98E-05	2.52E-08	7.33E-09	9.84E-06	3.11E-09	9.03E-10	7.64E-05	2.41E-08	7.02E-09	4.67E-06	1.48E-09	4.29E-10
3324 493363.09, 3847877.25	7.74E-05	2.44E-08	7.11E-09	8.55E-06	2.70E-09	7.85E-10	7.88E-05	2.49E-08	7.24E-09	9.83E-06	3.10E-09	9.03E-10	7.54E-05	2.38E-08	6.92E-09	4.67E-06	1.47E-09	4.28E-10
3325 493863.09, 3847877.25	7.80E-05	2.46E-08	7.16E-09	8.63E-06	2.72E-09	7.92E-10	7.94E-05	2.51E-08	7.29E-09	9.92E-06	3.13E-09	9.11E-10	7.60E-05	2.40E-08	6.97E-09	4.70E-06	1.48E-09	4.32E-10
3326 494363.09, 3847877.25	8.03E-05	2.54E-08	7.37E-09	8.78E-06	2.77E-09	8.06E-10	8.18E-05	2.58E-08	7.51E-09	1.01E-05	3.19E-09	9.27E-10	7.83E-05	2.47E-08	7.19E-09	4.79E-06	1.51E-09	4.40E-10
3327 494863.09, 3847877.25	8.41E-05	2.66E-08	7.73E-09	9.16E-06	2.89E-09	8.41E-10	8.56E-05	2.70E-08	7.86E-09	1.05E-05	3.33E-09	9.67E-10	8.21E-05	2.59E-08	7.54E-09	4.99E-06	1.58E-09	4.58E-10
3328 495363.09, 3847877.25	8.77E-05	2.77E-08	8.05E-09	9.52E-06	3.00E-09	8.74E-10	8.92E-05	2.82E-08	8.19E-09	1.09E-05	3.45E-09	1.00E-09	8.56E-05	2.70E-08	7.85E-09	5.19E-06	1.64E-09	4.76E-10
3329 495863.09, 3847877.25	8.73E-05	2.75E-08	8.01E-09	9.34E-06	2.95E-09	8.58E-10	8.88E-05	2.80E-08	8.15E-09	1.07E-05	3.39E-09	9.86E-10	8.52E-05	2.69E-08	7.82E-09	5.10E-06	1.61E-09	4.68E-10
3330 496363.09, 3847877.25	9.97E-05	3.15E-08	9.16E-09	1.11E-05	3.49E-09	1.02E-09	1.02E-04	3.21E-08	9.32E-09	1.27E-05	4.01E-09	1.17E-09	9.71E-05	3.07E-08	8.92E-09	6.02E-06	1.90E-09	5.53E-10
3331 496863.09, 3847877.25	1.08E-04	3.41E-08	9.91E-09	1.22E-05	3.86E-09	1.12E-09	1.10E-04	3.47E-08	1.01E-08	1.41E-05	4.44E-09	1.29E-09	1.05E-04	3.31E-08	9.63E-09	6.65E-06	2.10E-09	6.11E-10
3332 497363.09, 3847877.25	1.18E-04	3.73E-08	1.08E-08	1.37E-05	4.33E-09	1.26E-09	1.20E-04	3.80E-08	1.10E-08	1.58E-05	4.98E-09	1.45E-09	1.15E-04	3.62E-08	1.05E-08	7.44E-06	2.35E-09	6.83E-10
3333 497863.09, 3847877.25	1.35E-04	4.26E-08	1.24E-08	1.64E-05	5.17E-09	1.50E-09	1.38E-04	4.35E-08	1.27E-08	1.89E-05	5.95E-09	1.73E-09	1.31E-04	4.13E-08	1.20E-08	8.86E-06	2.80E-09	8.13E-10
3334 498363.09, 3847877.25	1.44E-04	4.56E-08	1.33E-08	1.79E-05	5.66E-09	1.65E-09	1.47E-04	4.65E-08	1.35E-08	2.06E-05	6.52E-09	1.90E-09	1.40E-04	4.40E-08	1.28E-08	9.68E-06	3.06E-09	8.89E-10
3335 471363.09, 3848377.25	1.82E-04	5.73E-08	1.67E-08	2.54E-05	8.03E-09	2.34E-09	1.86E-04	5.87E-08	1.71E-08	2.94E-05	9.28E-09	2.70E-09	1.75E-04	5.53E-08	1.61E-08	1.34E-05	4.22E-09	1.23E-09
3336 471863.09, 3848377.25	1.84E-04	5.82E-08	1.69E-08	2.70E-05	8.51E-09	2.47E-09	1.89E-04	5.96E-08	1.73E-08	3.12E-05	9.84E-09	2.86E-09	1.77E-04	5.59E-08	1.63E-08	1.42E-05	4.47E-09	1.30E-09
3337 472363.09, 3848377.25	1.86E-04	5.86E-08	1.70E-08	2.72E-05	8.58E-09	2.50E-09	1.90E-04	6.01E-08	1.75E-08	3.14E-05	9.92E-09	2.89E-09	1.79E-04	5.63E-08	1.64E-08	1.43E-05	4.51E-09	1.31E-09
3338 472863.09, 3848377.25	1.89E-04	5.96E-08	1.73E-08	2.73E-05	8.60E-09	2.50E-09	1.93E-04	6.10E-08	1.78E-08	3.15E-05	9.95E-09	2.89E-09	1.82E-04	5.74E-08	1.67E-08	1.43E-05	4.52E-09	1.31E-09
3339 473363.09, 3848377.25	1.87E-04	5.90E-08	1.71E-08	2.75E-05	8.69E-09	2.53E-09	1.91E-04	6.04E-08	1.76E-08	3.19E-05	1.01E-08	2.92E-09	1.80E-04	5.67E-08	1.65E-08	1.45E-05	4.57E-09	1.33E-09
3340 473863.09, 3848377.25	1.83E-04	5.77E-08	1.68E-08	2.77E-05	8.73E-09	2.54E-09	1.87E-04	5.91E-08	1.72E-08	3.20E-05	1.01E-08	2.94E-09	1.75E-04	5.53E-08	1.61E-08	1.45E-05	4.59E-09	1.33E-09
3341 474363.09, 3848377.25	1.72E-04	5.41E-08	1.57E-08	2.70E-05	8.52E-09	2.48E-09	1.76E-04	5.56E-08	1.62E-08	3.12E-05	9.85E-09	2.87E-09	1.64E-04	5.17E-08	1.50E-08	1.42E-05	4.48E-09	1.30E-09
3342 474863.09, 3848377.25	1.51E-04	4.75E-08	1.38E-08	2.50E-05	7.89E-09	2.30E-09	1.55E-04	4.89E-08	1.42E-08	2.89E-05	9.13E-09	2.65E-09	1.43E-04	4.51E-08	1.31E-08	1.32E-05	4.15E-09	1.21E-09
3343 475363.09, 3848377.25	1.74E-04	5.49E-08	1.60E-08	2.59E-05	8.18E-09	2.38E-09	1.78E-04	5.63E-08	1.64E-08	3.00E-05	9.46E-09	2.75E-09	1.67E-04	5.27E-08	1.53E-08	1.36E-05	4.30E-09	1.25E-09
3344 475863.09, 3848377.25	1.74E-04	5.48E-08	1.59E-08	2.40E-05	7.57E-09	2.20E-09	1.78E-04	5.61E-08	1.63E-08	2.77E-05	8.75E-09	2.55E-09	1.68E-04	5.29E-08	1.54E-08	1.26E-05	3.98E-09	1.16E-09
3345 476363.09, 3848377.25	1.68E-04	5.30E-08	1.54E-08	2.08E-05	6.56E-09	1.91E-09	1.72E-04	5.41E-08	1.57E-08	2.40E-05	7.58E-09	2.21E-09	1.64E-04	5.17E-08	1.50E-08	1.10E-05	3.46E-09	1.01E-09
3346 476863.09, 3848377.25	2.18E-04	6.88E-08	2.00E-08	2.47E-05	7.81E-09	2.27E-09	2.22E-04	7.02E-08	2.04E-08	2.86E-05	9.02E-09	2.62E-09	2.14E-04	6.76E-08	1.97E-08	1.30E-05	4.11E-09	1.20E-09
3347 477363.09, 3848377.25	2.06E-04	6.49E-08	1.89E-08	2.93E-05	9.25E-09	2.69E-09	2.11E-04	6.65E-08	1.93E-08	3.39E-05	1.07E-08	3.11E-09	1.98E-04	6.26E-08	1.82E-08	1.54E-05	4.86E-09	1.41E-09
3348 477863.09, 3848377.25	2.09E-04	6.61E-08	1.92E-08	3.94E-05	1.24E-08	3.61E-09	2.16E-04	6.82E-08	1.98E-08	4.56E-05	1.44E-08	4.18E-09	1.96E-04	6.19E-08	1.80E-08	2.06E-05	6.51E-09	1.89E-09
3349 478363.09, 3848377.25	1.88E-04	5.93E-08	1.73E-08	4.04E-05	1.28E-08	3.71E-09	1.95E-04	6.15E-08	1.79E-08	4.68E-05	1.48E-08	4.30E-09	1.73E-04	5.45E-08	1.59E-08	2.12E-05	6.69E-09	1.94E-09
3350 478863.09, 3848377.25	1.67E-04	5.28E-08	1.54E-08	3.64E-05	1.15E-08	3.34E-09	1.73E-04	5.47E-08	1.59E-08	4.21E-05	1.33E-08	3.86E-09	1.53E-04	4.84E-08	1.41E-08	1.91E-05	6.02E-09	1.75E-09
3351 479363.09, 3848377.25	1.30E-04	4.10E-08	1.19E-08	2.27E-05	7.16E-09	2.08E-09	1.34E-04	4.22E-08	1.23E-08	2.62E-05	8.28E-09	2.41E-09	1.22E-04	3.86E-08	1.12E-08	1.20E-05	3.78E-09	1.10E-09
3352 479863.09, 3848377.25	7.35E-05	2.32E-08	6.74E-09	8.84E-06	2.79E-09	8.12E-10	7.49E-05	2.37E-08	6.88E-09	1.02E-05	3.22E-09	9.35E-10	7.13E-05	2.25E-08	6.55E-09	4.76E-06	1.50E-09	4.37E-10
3353 480363.09, 3848377.25	8.67E-05	2.74E-08	7.96E-09	1.17E-05	3.68E-09	1.07E-09	8.86E-05	2.80E-08	8.14E-09	1.34E-05	4.24E-09	1.23E-09	8.35E-05	2.63E-08	7.66E-09	6.24E-06	1.97E-09	5.73E-10
3354 480863.09, 3848377.25	1.03E-04	3.24E-08	9.44E-09	1.51E-05	4.77E-09	1.39E-09	1.05E-04	3.32E-08	9.67E-09	1.74E-05	5.50E-09	1.60E-09	9.83E-05	3.10E-08	9.03E-09	8.04E-06	2.54E-09	7.38E-10
3355 481363.09, 3848377.25	1.04E-04	3.28E-08	9.53E-09	1.58E-05	5.00E-09	1.45E-09	1.07E-04	3.36E-08	9.78E-09	1.83E-05	5.77E-09	1.68E-09	9.90E-05	3.12E-08	9.08E-09	8.43E-06	2.66E-09	7.74E-10
3356 481863.09, 3848377.25	1.05E-04	3.32E-08	9.67E-09	1.58E-05	5.00E-09	1.45E-09	1.08E-04	3.41E-08	9.91E-09	1.83E-05	5.77E-09	1.68E-09	1.00E-04	3.17E-08	9.22E-09	8.42E-06	2.66E-09	7.73E-10
3357 482363.09, 3848377.25	1.04E-04	3.28E-08	9.54E-09	1.49E-05	4.72E-09	1.37E-09	1.06E-04	3.36E-08	9.77E-09	1.72E-05	5.44E-09	1.58E-09	9.95E-05	3.14E-08	9.13E-09	7.97E-06	2.52E-09	7.32E-10
3358 482863.09, 3848377.25	9.51E-05	3.00E-08	8.73E-09	1.27E-05	4.01E-09	1.17E-09	9.72E-05	3.07E-08	8.93E-09	1.46E-05	4.62E-09	1.34E-09	9.16E-05	2.89E-08	8.41E-09	6.80E-06	2.15E-09	6.24E-10
3359 483363.09, 3848377.25	9.43E-05	2.98E-08	8.66E-09	1.24E-05	3.92E-09	1.14E-09	9.64E-05	3.04E-08	8.85E-09	1.43E-05	4.52E-09	1.31E-09	9.09E-05	2.87E-08	8.34E-09	6.66E-06	2.10E-09	6.12E-10
3360 483863.09, 3848377.25	9.13E-05	2.88E-08	8.38E-09	1.19E-05	3.75E-09	1.09E-09	9.33E-05	2.94E-08	8.56E-09	1.37E-05	4.32E-09	1.26E-09	8.80E-05	2.78E-08	8.08E-09	6.40E-06	2.02E-09	5.87E-10
3361 484363.09, 3848377.25	9.19E-05	2.90E-08	8.44E-09	1.14E-05	3.59E-09	1.04E-09	9.38E-05	2.96E-08	8.61E-09	1.31E-05	4.13E-09	1.20E-09	8.88E-05	2.80E-08	8.15E-09	6.15E-06	1.94E-09	5.64E-10
3362 484863.09, 3848377.25	9.89E-05	3.12E-08	9.08E-09	1.20E-05	3.79E-09	1.10E-09	1.01E-04	3.19E-08	9.26E-09	1.38E-05	4.36E-09	1.27E-09	9.57E-05	3.02E-08	8.78E-09	6.50E-06	2.05E-09	5.97E-10

3363	485363.09, 3848377.25	9.82E-05	3.10E-08	9.01E-09	1.17E-05	3.68E-09	1.07E-09	1.00E-04	3.16E-08	9.19E-09	1.34E-05	4.23E-09	1.23E-09	9.50E-05	3.00E-08	8.72E-09	6.32E-06	2.00E-09	5.80E-10
3364	485863.09, 3848377.25	9.28E-05	2.93E-08	8.52E-09	1.06E-05	3.36E-09	9.77E-10	9.45E-05	2.98E-08	8.68E-09	1.22E-05	3.86E-09	1.12E-09	9.01E-05	2.84E-08	8.27E-09	5.78E-06	1.82E-09	5.31E-10
3365	486363.09, 3848377.25	8.68E-05	2.74E-08	7.97E-09	9.66E-06	3.05E-09	8.87E-10	8.84E-05	2.79E-08	8.11E-09	1.11E-05	3.51E-09	1.02E-09	8.45E-05	2.67E-08	7.76E-09	5.24E-06	1.66E-09	4.81E-10
3366	486863.09, 3848377.25	8.30E-05	2.62E-08	7.62E-09	9.30E-06	2.93E-09	8.53E-10	8.45E-05	2.67E-08	7.76E-09	1.07E-05	3.38E-09	9.82E-10	8.08E-05	2.55E-08	7.42E-09	5.04E-06	1.59E-09	4.62E-10
3367	487363.09, 3848377.25	7.63E-05	2.41E-08	7.01E-09	8.43E-06	2.66E-09	7.74E-10	7.77E-05	2.45E-08	7.13E-09	9.70E-06	3.06E-09	8.90E-10	7.44E-05	2.35E-08	6.83E-09	4.58E-06	1.44E-09	4.20E-10
3368	487863.09, 3848377.25	7.48E-05	2.36E-08	6.86E-09	8.14E-06	2.57E-09	7.47E-10	7.61E-05	2.40E-08	6.98E-09	9.36E-06	2.95E-09	8.59E-10	7.29E-05	2.30E-08	6.70E-09	4.43E-06	1.40E-09	4.06E-10
3369	488363.09, 3848377.25	7.66E-05	2.42E-08	7.03E-09	8.01E-06	2.53E-09	7.36E-10	7.79E-05	2.46E-08	7.15E-09	9.21E-06	2.91E-09	8.46E-10	7.49E-05	2.36E-08	6.87E-09	4.37E-06	1.38E-09	4.01E-10
3370	488863.09, 3848377.25	7.88E-05	2.49E-08	7.24E-09	8.04E-06	2.54E-09	7.38E-10	8.01E-05	2.53E-08	7.36E-09	9.24E-06	2.92E-09	8.49E-10	7.71E-05	2.43E-08	7.08E-09	4.41E-06	1.39E-09	4.04E-10
3371	489363.09, 3848377.25	8.11E-05	2.56E-08	7.44E-09	8.14E-06	2.57E-09	7.47E-10	8.24E-05	2.60E-08	7.56E-09	9.35E-06	2.95E-09	8.59E-10	7.94E-05	2.50E-08	7.29E-09	4.47E-06	1.41E-09	4.10E-10
3372	489863.09, 3848377.25	8.43E-05	2.66E-08	7.74E-09	8.48E-06	2.68E-09	7.78E-10	8.57E-05	2.70E-08	7.87E-09	9.74E-06	3.07E-09	8.94E-10	8.26E-05	2.61E-08	7.58E-09	4.65E-06	1.47E-09	4.26E-10
3373	490363.09, 3848377.25	8.37E-05	2.64E-08	7.69E-09	8.76E-06	2.77E-09	8.05E-10	8.52E-05	2.69E-08	7.82E-09	1.01E-05	3.18E-09	9.25E-10	8.18E-05	2.58E-08	7.51E-09	4.79E-06	1.51E-09	4.40E-10
3374	490863.09, 3848377.25	8.31E-05	2.62E-08	7.63E-09	8.76E-06	2.77E-09	8.05E-10	8.46E-05	2.67E-08	7.76E-09	1.01E-05	3.18E-09	9.25E-10	8.12E-05	2.56E-08	7.45E-09	4.79E-06	1.51E-09	4.40E-10
3375	491363.09, 3848377.25	8.45E-05	2.67E-08	7.76E-09	8.92E-06	2.82E-09	8.19E-10	8.60E-05	2.71E-08	7.89E-09	1.03E-05	3.24E-09	9.42E-10	8.25E-05	2.61E-08	7.58E-09	4.88E-06	1.54E-09	4.48E-10
3376	491863.09, 3848377.25	8.54E-05	2.70E-08	7.84E-09	9.15E-06	2.89E-09	8.40E-10	8.69E-05	2.74E-08	7.98E-09	1.05E-05	3.32E-09	9.66E-10	8.34E-05	2.63E-08	7.65E-09	5.00E-06	1.58E-09	4.59E-10
3377	492363.09, 3848377.25	8.41E-05	2.66E-08	7.73E-09	9.15E-06	2.89E-09	8.40E-10	8.56E-05	2.70E-08	7.86E-09	1.05E-05	3.32E-09	9.65E-10	8.21E-05	2.59E-08	7.53E-09	4.99E-06	1.58E-09	4.58E-10
3378	492863.09, 3848377.25	8.24E-05	2.60E-08	7.57E-09	9.02E-06	2.85E-09	8.28E-10	8.39E-05	2.65E-08	7.70E-09	1.04E-05	3.27E-09	9.52E-10	8.03E-05	2.54E-08	7.38E-09	4.92E-06	1.55E-09	4.52E-10
3379	493363.09, 3848377.25	8.26E-05	2.61E-08	7.58E-09	9.20E-06	2.90E-09	8.45E-10	8.41E-05	2.65E-08	7.72E-09	1.06E-05	3.34E-09	9.71E-10	8.04E-05	2.54E-08	7.38E-09	5.01E-06	1.58E-09	4.60E-10
3380	493863.09, 3848377.25	8.44E-05	2.66E-08	7.74E-09	9.32E-06	2.94E-09	8.56E-10	8.59E-05	2.71E-08	7.88E-09	1.07E-05	3.38E-09	9.84E-10	8.22E-05	2.60E-08	7.55E-09	5.08E-06	1.60E-09	4.66E-10
3381	494363.09, 3848377.25	8.69E-05	2.74E-08	7.98E-09	9.55E-06	3.01E-09	8.76E-10	8.84E-05	2.79E-08	8.12E-09	1.10E-05	3.46E-09	1.01E-09	8.47E-05	2.67E-08	7.78E-09	5.20E-06	1.64E-09	4.77E-10
3382	494863.09, 3848377.25	9.18E-05	2.90E-08	8.42E-09	1.02E-05	3.22E-09	9.36E-10	9.34E-05	2.95E-08	8.58E-09	1.17E-05	3.70E-09	1.08E-09	8.94E-05	2.82E-08	8.21E-09	5.55E-06	1.75E-09	5.09E-10
3383	495363.09, 3848377.25	9.38E-05	2.96E-08	8.61E-09	1.03E-05	3.25E-09	9.45E-10	9.55E-05	3.01E-08	8.76E-09	1.18E-05	3.73E-09	1.09E-09	9.15E-05	2.89E-08	8.40E-09	5.61E-06	1.77E-09	5.15E-10
3384	495863.09, 3848377.25	9.88E-05	3.12E-08	9.07E-09	1.09E-05	3.44E-09	1.00E-09	1.01E-04	3.18E-08	9.24E-09	1.25E-05	3.96E-09	1.15E-09	9.63E-05	3.04E-08	8.84E-09	5.95E-06	1.88E-09	5.46E-10
3385	496363.09, 3848377.25	1.08E-04	3.42E-08	9.95E-09	1.22E-05	3.85E-09	1.12E-09	1.10E-04	3.48E-08	1.01E-08	1.40E-05	4.43E-09	1.29E-09	1.05E-04	3.33E-08	9.68E-09	6.64E-06	2.10E-09	6.10E-10
3386	496863.09, 3848377.25	1.13E-04	3.58E-08	1.04E-08	1.28E-05	4.03E-09	1.17E-09	1.15E-04	3.64E-08	1.06E-08	1.47E-05	4.63E-09	1.35E-09	1.10E-04	3.48E-08	1.01E-08	6.94E-06	2.19E-09	6.37E-10
3387	497363.09, 3848377.25	1.26E-04	3.99E-08	1.16E-08	1.48E-05	4.66E-09	1.35E-09	1.29E-04	4.06E-08	1.18E-08	1.70E-05	5.36E-09	1.56E-09	1.23E-04	3.87E-08	1.12E-08	8.01E-06	2.53E-09	7.35E-10
3388	497863.09, 3848377.25	1.56E-04	4.91E-08	1.43E-08	1.98E-05	6.26E-09	1.82E-09	1.59E-04	5.01E-08	1.46E-08	2.29E-05	7.22E-09	2.10E-09	1.50E-04	4.74E-08	1.38E-08	1.07E-05	3.38E-09	9.82E-10
3389	498363.09, 3848377.25	1.62E-04	5.12E-08	1.49E-08	2.13E-05	6.73E-09	1.96E-09	1.66E-04	5.23E-08	1.52E-08	2.46E-05	7.76E-09	2.26E-09	1.56E-04	4.93E-08	1.43E-08	1.15E-05	3.62E-09	1.05E-09
3390	471363.09, 3848877.25	1.88E-04	5.92E-08	1.72E-08	2.33E-05	7.34E-09	2.14E-09	1.92E-04	6.05E-08	1.76E-08	2.69E-05	8.49E-09	2.47E-09	1.83E-04	5.78E-08	1.68E-08	1.22E-05	3.87E-09	1.12E-09
3391	471863.09, 3848877.25	1.96E-04	6.18E-08	1.80E-08	2.58E-05	8.15E-09	2.37E-09	2.00E-04	6.32E-08	1.84E-08	2.99E-05	9.42E-09	2.74E-09	1.90E-04	6.00E-08	1.75E-08	1.36E-05	4.28E-09	1.25E-09
3392	472363.09, 3848877.25	2.00E-04	6.32E-08	1.84E-08	2.84E-05	8.96E-09	2.61E-09	2.05E-04	6.48E-08	1.88E-08	3.28E-05	1.04E-08	3.01E-09	1.93E-04	6.10E-08	1.77E-08	1.49E-05	4.71E-09	1.37E-09
3393	472863.09, 3848877.25	2.03E-04	6.39E-08	1.86E-08	2.99E-05	9.45E-09	2.75E-09	2.08E-04	6.55E-08	1.91E-08	3.46E-05	1.09E-08	3.18E-09	1.95E-04	6.14E-08	1.79E-08	1.57E-05	4.96E-09	1.44E-09
3394	473363.09, 3848877.25	2.07E-04	6.53E-08	1.90E-08	3.04E-05	9.58E-09	2.79E-09	2.12E-04	6.70E-08	1.95E-08	3.51E-05	1.11E-08	3.22E-09	1.99E-04	6.28E-08	1.83E-08	1.59E-05	5.03E-09	1.46E-09
3395	473863.09, 3848877.25	2.06E-04	6.50E-08	1.89E-08	3.05E-05	9.63E-09	2.80E-09	2.11E-04	6.66E-08	1.94E-08	3.53E-05	1.11E-08	3.24E-09	1.98E-04	6.25E-08	1.82E-08	1.60E-05	5.06E-09	1.47E-09
3396	474363.09, 3848877.25	2.04E-04	6.43E-08	1.87E-08	3.08E-05	9.72E-09	2.83E-09	2.09E-04	6.60E-08	1.92E-08	3.56E-05	1.12E-08	3.27E-09	1.95E-04	6.17E-08	1.79E-08	1.62E-05	5.10E-09	1.48E-09
3397	474863.09, 3848877.25	1.86E-04	5.86E-08	1.70E-08	3.01E-05	9.49E-09	2.76E-09	1.91E-04	6.02E-08	1.75E-08	3.48E-05	1.10E-08	3.19E-09	1.77E-04	5.58E-08	1.62E-08	1.58E-05	4.98E-09	1.45E-09
3398	475363.09, 3848877.25	1.79E-04	5.65E-08	1.64E-08	2.93E-05	9.23E-09	2.69E-09	1.84E-04	5.80E-08	1.69E-08	3.38E-05	1.07E-08	3.11E-09	1.70E-04	5.37E-08	1.56E-08	1.54E-05	4.85E-09	1.41E-09
3399	475863.09, 3848877.25	2.00E-04	6.30E-08	1.83E-08	2.96E-05	9.35E-09	2.72E-09	2.05E-04	6.46E-08	1.88E-08	3.43E-05	1.08E-08	3.15E-09	1.92E-04	6.05E-08	1.76E-08	1.56E-05	4.91E-09	1.43E-09
3400	476363.09, 3848877.25	2.08E-04	6.58E-08	1.91E-08	2.83E-05	8.93E-09	2.60E-09	2.13E-04	6.73E-08	1.96E-08	3.27E-05	1.03E-08	3.00E-09	2.02E-04	6.37E-08	1.85E-08	1.49E-05	4.70E-09	1.37E-09
3401	476863.09, 3848877.25	2.09E-04	6.59E-08	1.92E-08	2.56E-05	8.08E-09	2.35E-09	2.13E-04	6.73E-08	1.96E-08	2.96E-05	9.34E-09	2.72E-09	2.04E-04	6.43E-08	1.87E-08	1.35E-05	4.25E-09	1.24E-09
3402	477363.09, 3848877.25	2.55E-04	8.05E-08	2.34E-08	2.79E-05	8.81E-09	2.56E-09	2.60E-04	8.20E-08	2.39E-08	3.23E-05	1.02E-08	2.96E-09	2.51E-04	7.93E-08	2.31E-08	1.47E-05	4.63E-09	1.35E-09
3403	477863.09, 3848877.25	2.34E-04	7.39E-08	2.15E-08	3.31E-05	1.04E-08	3.04E-09	2.40E-04	7.57E-08	2.20E-08	3.83E-05	1.21E-08	3.51E-09	2.26E-04	7.14E-08	2.08E-08	1.74E-05	5.49E-09	1.60E-09
3404	478363.09, 3848877.25	2.36E-04	7.45E-08	2.17E-08	4.47E-05	1.41E-08	4.10E-09	2.44E-04	7.69E-08	2.24E-08	5.17E-05	1.63E-08	4.75E-09	2.21E-04	6.97E-08	2.03E-08	2.34E-05	7.39E-09	2.15E-09
3405	478863.09, 3848877.25	2.03E-04	6.41E-08	1.86E-08	4.53E-05	1.43E-08	4.16E-09	2.11E-04	6.66E-08	1.94E-08	5.24E-05	1.65E-08	4.81E-09	1.86E-04	5.86E-08	1.70E-08	2.37E-05	7.49E-09	2.18E-09
3406	479363.09, 3848877.25	1.73E-04	5.47E-08	1.59E-08	3.80E-05	1.20E-08	3.49E-09	1.80E-04	5.68E-08	1.65E-08	4.39E-05	1.39E-08	4.03E-09	1.59E-04	5.01E-08	1.46E-08	1.99E-05	6.29E-09	1.83E-09
3407	479863.09, 3848877.25	1.40E-04	4.43E-08	1.29E-08	2.44E-05	7.70E-09	2.24E-09	1.44E-04	4.56E-08	1.33E-08	2.82E-05	8.89E-09	2.59E-09	1.32E-04	4.17E-08	1.21E-08	1.29E-05	4.07E-09	1.18E-09
3408	480363.09, 3848877.25	1.39E-04	4.39E-08	1.28E-08	2.40E-05	7.57E-09	2.20E-09	1.43E-04	4.52E-08	1.31E-08	2.77E-05	8.74E-09	2.54E-09	1.31E-04	4.13E-08	1.20E-08	1.27E-05	4.01E-09	1.17E-09
3409	480863.09, 3848877.25	1.40E-04	4.41E-08	1.28E-08	2.41E-05	7.60E-09	2.21E-09	1.44E-04	4.54E-08	1.32E-08	2.78E-05	8.78E-09	2.55E-09	1.31E-04	4.15E-08	1.21E-08	1.27E-05	4.02E-09	1.17E-09
3410	481363.09, 3848877.25	1.29E-04	4.08E-08	1.19E-08	2.14E-05	6.77E-09	1.97E-09	1.33E-04	4.19E-08	1.22E-08	2.48E-05	7.82E-09	2.27E-09	1.22E-04	3.85E-08	1.12E-08	1.14E-05	3.58E-09	1.04E-09
3411	481863.09, 3848877.25	1.18E-04	3.73E-08	1.09E-08	1.92E-05	6.06E-09	1.76E-09	1.22E-04	3.84E-08	1.12E-08	2.22E-05	6.99E-09	2.03E-09	1.12E-04	3.54E-08	1.03E-08	1.02E-05	3.21E-09	9.35E-10
3412	482363.09, 3848877.25	1.05E-04	3.32E-08	9.65E-09	1.50E-05	4.72E-09	1.37E-09	1.08E-04	3.40E-08	9.88E-09	1.73E-05	5.45E-09	1.58E-09	1.01E-04	3.18E-08	9.26E-09	7.98E-06	2.52E-09	7.32E-10
3413	482863.09, 3848877.25	9.48E-05	2.99E-08	8.71E-09	1.24E-05	3.91E-09	1.14E-09	9.69E-05	3.06E-08	8.90E-09	1.43E-05	4.50E-09	1.31E-09	9.15E-05	2.89E-08	8.40E-09	6.64E-06	2.09E-09	6.09E-10
3414	483363.09, 3848877.25	9.06E-05	2.86E-08	8.32E-09	1.11E-05	3.52E-09	1.02E-09	9.24E-05	2.92E-08	8.49E-09	1.28E-05	4.05E-09	1.18E-09	8.77E-05	2.77E-08	8.05E-09	6.00E-06	1.89E-09	5.51E-10
3415	483863.09, 3848877.25	9.06E-05	2.86E-08	8.32E-09	1.13E-05	3.57E-09	1.04E-09	9.25E-05	2.92E-08	8.49E-09	1.30E-05	4.11E-09	1.20E-09	8.75E-05	2.76E-08	8.04E-09	6.10E-06	1.92E-09	5.60E-10
3416	484363.09, 3848877.25	9.84E-05	3.11E-08	9.04E-09	1.29E-05	4.06E-09	1.18E-09	1.01E-04	3.17E-08	9.23E-09	1.48E-05	4.68E-09	1.36E-09	9.48E-05	2.99E-08	8.70E-09	6.92E-06	2.18E-09	6.35E-10
3417	484863.09, 3848877.25	1.09E-04	3.45E-08	1.00E-08	1.44E-05	4.55E-09	1.32E-09	1.12E-04	3.53E-08	1.03E-08	1.66E-05	5.24E-09	1.53E-09	1.05E-04	3.32E-08	9.66E-09	7.76E-06	2.45E-09	7.13E-10
3418	485363.09, 3848877.25	1.10E-04	3.48E-08	1.01E-08	1.39E-05	4.38E-09	1.27E-09	1.13E-04	3.56E-08	1.03E-08	1.60E-05	5.04E-09	1.47E-09	1.06E-04	3.36E-08	9.77E-09	7.49E-06	2.36E-09	6.88E-10
3419	485863.09, 3848877.25	1.04E-04	3.28E-08	9.54E-09	1.24E-05	3.92E-09	1.14E-09	1.06E-04	3.34E-08	9.73E-09	1.43E-05	4.51E-09	1.31E-09	1.01E-04	3.17E-08	9.23E-09	6.73E-06	2.12E-09	6.17E-10
3420	486363.09, 3848877.25	9.54E-05	3.01E-08	8.76E-09	1.09E-05	3.45E-09	1.00E-09	9.72E-05	3.07E-08	8.93E-09	1.26E-05	3.97E-09	1.15E-09	9.28E-05	2.93E-08	8.52E-09	5.92E-06	1.87E-09	5.43E-10
3421	486863.09, 3848877.25	8.93E-05	2.82E-08	8.20E-09	1.03E-05	3.25E-09	9.44E-10	9.10E-05	2.87E-08	8.36E-09	1.18E-05	3.74E-09	1.09E-09	8.69E-05	2.74E-08	7.97E-09	5.57E-06	1.76E-09	5.11E-10
3422	487363.09, 3848877.25	8.56E-05	2.70E-08	7.86E-09	9.93E-06	3.13E-09	9.12E-10	8.72E-05	2.75E-08	8.01E-09	1.14E-05	3.61E-09	1.05E-09	8.32E-05	2.63E-08	7.64E-09	5.37E-06	1.70E-09	4.93E-10
3423	487863.09, 3848877.25	8.29E-05	2.62E-08	7.61E-09	9.34E-06	2.95E-09	8.57E-10	8.44E-05	2.66E-08	7.75E-09	1.07E-05	3.39E-09	9.87E-10	8.07E-05	2.55E-08	7.41E-09	5.06E-06	1.60E-09	4.65E-10
3424	488363.09, 3848877.25	8.52E-05	2.69E-08	7.83E-09	9.33E-06	2.94E-09	8.56E-10	8.68E-05	2.74E-08	7.97E-09	1.07E-05	3.39E-09	9.85E-10	8.31E-05	2.62E-08	7.63E-09	5.07E-06	1.60E-09	4.66E-10
3425	488863.09, 3848877.25	8.74E-05	2.76E-08	8.03E-09	9.33E-06	2.94E-09	8.56E-10	8.90E-05	2.81E-08	8.17E-09	1.07E-05	3.39E-09	9.85E-10	8.53E-05	2.69E-08	7.83E-09	5.09E-06	1.61E-09	4.67E-10
3426	489363.09, 3848877.25	9.13E-05	2.88E-08	8.38E-09	9.58E-06	3.02E-09	8.80E-10	9.29E-05	2.93E-08	8.52E-09	1.10E-05	3.48E-09	1.01E-09	8.92E-05	2.81E-08	8.19E-09	5.24E-06	1.65E-09	4.81E-10
3427	489863.09, 3848877.25	9.46E-05	2.99E-08	8.68E-09	1.01E-05	3.19E-09	9.28E-10	9.62E-05	3.04E-08	8.84E-09	1.16E-05	3.67E-09	1.07E-09	9.23E-05	2.91E-08	8.47E-09	5.51E-06	1.74E-09	5.06E-10
3428	490363.09, 3848877.25	9.23E-05	2.91E-08	8.47E-09	1.01E-05	3.17E-09	9.23E-10	9.39E-05	2.96E-08	8.62E-09	1.16E-05	3.65E-09	1.06E-09	8.99E-05	2.84E-08	8.26E-09	5.48E-06	1.73E-09	5.03E-10

3429 490863.09, 3848877.25	9.21E-05	2.91E-08	8.46E-09	1.01E-05	3.20E-09	9.30E-10	9.38E-05	2.96E-08	8.61E-09	1.17E-05	3.68E-09	1.07E-09	8.98E-05	2.83E-08	8.24E-09	5.52E-06	1.74E-09	5.07E-10
3430 491363.09, 3848877.25	9.37E-05	2.96E-08	8.60E-09	1.03E-05	3.26E-09	9.48E-10	9.54E-05	3.01E-08	8.76E-09	1.19E-05	3.75E-09	1.09E-09	9.13E-05	2.88E-08	8.38E-09	5.63E-06	1.78E-09	5.17E-10
3431 491863.09, 3848877.25	9.27E-05	2.93E-08	8.51E-09	1.02E-05	3.22E-09	9.38E-10	9.44E-05	2.98E-08	8.67E-09	1.17E-05	3.71E-09	1.08E-09	9.04E-05	2.85E-08	8.30E-09	5.57E-06	1.76E-09	5.11E-10
3432 492363.09, 3848877.25	9.09E-05	2.87E-08	8.34E-09	1.01E-05	3.19E-09	9.27E-10	9.25E-05	2.92E-08	8.49E-09	1.16E-05	3.66E-09	1.07E-09	8.85E-05	2.79E-08	8.13E-09	5.50E-06	1.74E-09	5.05E-10
3433 492863.09, 3848877.25	8.75E-05	2.76E-08	8.03E-09	9.74E-06	3.08E-09	8.94E-10	8.91E-05	2.81E-08	8.18E-09	1.12E-05	3.54E-09	1.03E-09	8.53E-05	2.69E-08	7.83E-09	5.31E-06	1.68E-09	4.87E-10
3434 493363.09, 3848877.25	8.62E-05	2.72E-08	7.91E-09	9.48E-06	2.99E-09	8.70E-10	8.77E-05	2.77E-08	8.05E-09	1.09E-05	3.44E-09	1.00E-09	8.40E-05	2.65E-08	7.72E-09	5.17E-06	1.63E-09	4.75E-10
3435 493863.09, 3848877.25	9.11E-05	2.88E-08	8.36E-09	1.01E-05	3.18E-09	9.26E-10	9.28E-05	2.93E-08	8.52E-09	1.16E-05	3.66E-09	1.06E-09	8.88E-05	2.80E-08	8.16E-09	5.49E-06	1.73E-09	5.04E-10
3436 494363.09, 3848877.25	9.55E-05	3.01E-08	8.76E-09	1.06E-05	3.35E-09	9.75E-10	9.72E-05	3.07E-08	8.92E-09	1.22E-05	3.85E-09	1.12E-09	9.31E-05	2.94E-08	8.54E-09	5.78E-06	1.82E-09	5.30E-10
3437 494863.09, 3848877.25	1.03E-04	3.24E-08	9.43E-09	1.16E-05	3.68E-09	1.07E-09	1.05E-04	3.30E-08	9.61E-09	1.34E-05	4.23E-09	1.23E-09	1.00E-04	3.16E-08	9.18E-09	6.33E-06	2.00E-09	5.81E-10
3438 495363.09, 3848877.25	1.10E-04	3.46E-08	1.01E-08	1.26E-05	3.98E-09	1.16E-09	1.12E-04	3.53E-08	1.03E-08	1.45E-05	4.58E-09	1.33E-09	1.07E-04	3.36E-08	9.79E-09	6.85E-06	2.16E-09	6.29E-10
3439 495863.09, 3848877.25	1.11E-04	3.49E-08	1.02E-08	1.27E-05	4.00E-09	1.16E-09	1.13E-04	3.56E-08	1.03E-08	1.46E-05	4.60E-09	1.34E-09	1.08E-04	3.39E-08	9.87E-09	6.89E-06	2.17E-09	6.32E-10
3440 496363.09, 3848877.25	1.18E-04	3.73E-08	1.08E-08	1.36E-05	4.30E-09	1.25E-09	1.20E-04	3.80E-08	1.11E-08	1.57E-05	4.95E-09	1.44E-09	1.15E-04	3.62E-08	1.05E-08	7.40E-06	2.34E-09	6.80E-10
3441 496863.09, 3848877.25	1.32E-04	4.18E-08	1.22E-08	1.57E-05	4.97E-09	1.44E-09	1.35E-04	4.26E-08	1.24E-08	1.81E-05	5.72E-09	1.66E-09	1.28E-04	4.05E-08	1.18E-08	8.53E-06	2.69E-09	7.83E-10
3442 497363.09, 3848877.25	1.58E-04	4.98E-08	1.45E-08	2.01E-05	6.35E-09	1.85E-09	1.61E-04	5.09E-08	1.48E-08	2.32E-05	7.32E-09	2.13E-09	1.52E-04	4.81E-08	1.40E-08	1.09E-05	3.43E-09	9.97E-10
3443 497863.09, 3848877.25	1.72E-04	5.43E-08	1.58E-08	2.30E-05	7.27E-09	2.11E-09	1.76E-04	5.55E-08	1.62E-08	2.65E-05	8.38E-09	2.44E-09	1.66E-04	5.22E-08	1.52E-08	1.24E-05	3.91E-09	1.14E-09
3444 498363.09, 3848877.25	1.83E-04	5.78E-08	1.68E-08	2.57E-05	8.12E-09	2.36E-09	1.88E-04	5.92E-08	1.72E-08	2.97E-05	9.36E-09	2.72E-09	1.76E-04	5.54E-08	1.61E-08	1.38E-05	4.35E-09	1.27E-09
3445 471363.09, 3849377.25	1.91E-04	6.03E-08	1.75E-08	2.28E-05	7.21E-09	2.10E-09	1.95E-04	6.15E-08	1.79E-08	2.64E-05	8.33E-09	2.42E-09	1.87E-04	5.90E-08	1.72E-08	1.20E-05	3.80E-09	1.10E-09
3446 471863.09, 3849377.25	2.04E-04	6.44E-08	1.87E-08	2.44E-05	7.71E-09	2.24E-09	2.08E-04	6.58E-08	1.91E-08	2.82E-05	8.91E-09	2.59E-09	2.00E-04	6.31E-08	1.83E-08	1.29E-05	4.06E-09	1.18E-09
3447 472363.09, 3849377.25	2.12E-04	6.68E-08	1.94E-08	2.64E-05	8.34E-09	2.43E-09	2.16E-04	6.82E-08	1.98E-08	3.05E-05	9.64E-09	2.80E-09	2.06E-04	6.51E-08	1.89E-08	1.39E-05	4.38E-09	1.28E-09
3448 472863.09, 3849377.25	2.18E-04	6.89E-08	2.01E-08	2.92E-05	9.21E-09	2.68E-09	2.23E-04	7.05E-08	2.05E-08	3.37E-05	1.07E-08	3.10E-09	2.12E-04	6.69E-08	1.95E-08	1.53E-05	4.84E-09	1.41E-09
3449 473363.09, 3849377.25	2.22E-04	7.00E-08	2.04E-08	3.19E-05	1.01E-08	2.93E-09	2.27E-04	7.17E-08	2.09E-08	3.69E-05	1.16E-08	3.39E-09	2.14E-04	6.74E-08	1.96E-08	1.68E-05	5.29E-09	1.54E-09
3450 473863.09, 3849377.25	2.25E-04	7.12E-08	2.07E-08	3.35E-05	1.06E-08	3.08E-09	2.31E-04	7.30E-08	2.12E-08	3.88E-05	1.22E-08	3.56E-09	2.17E-04	6.83E-08	1.99E-08	1.76E-05	5.56E-09	1.62E-09
3451 474363.09, 3849377.25	2.28E-04	7.18E-08	2.09E-08	3.41E-05	1.08E-08	3.13E-09	2.33E-04	7.37E-08	2.14E-08	3.94E-05	1.24E-08	3.62E-09	2.19E-04	6.90E-08	2.01E-08	1.79E-05	5.65E-09	1.64E-09
3452 474863.09, 3849377.25	2.26E-04	7.13E-08	2.07E-08	3.44E-05	1.09E-08	3.16E-09	2.32E-04	7.31E-08	2.13E-08	3.98E-05	1.26E-08	3.65E-09	2.16E-04	6.83E-08	1.99E-08	1.81E-05	5.70E-09	1.66E-09
3453 475363.09, 3849377.25	2.19E-04	6.90E-08	2.01E-08	3.45E-05	1.09E-08	3.16E-09	2.24E-04	7.08E-08	2.06E-08	3.99E-05	1.26E-08	3.66E-09	2.09E-04	6.59E-08	1.92E-08	1.81E-05	5.71E-09	1.66E-09
3454 475863.09, 3849377.25	2.23E-04	7.05E-08	2.05E-08	3.44E-05	1.09E-08	3.16E-09	2.29E-04	7.23E-08	2.10E-08	3.98E-05	1.26E-08	3.65E-09	2.14E-04	6.75E-08	1.96E-08	1.81E-05	5.70E-09	1.66E-09
3455 476363.09, 3849377.25	2.46E-04	7.77E-08	2.26E-08	3.43E-05	1.08E-08	3.15E-09	2.52E-04	7.95E-08	2.31E-08	3.97E-05	1.25E-08	3.64E-09	2.38E-04	7.51E-08	2.18E-08	1.80E-05	5.68E-09	1.65E-09
3456 476863.09, 3849377.25	2.69E-04	8.49E-08	2.47E-08	3.36E-05	1.06E-08	3.08E-09	2.75E-04	8.67E-08	2.52E-08	3.88E-05	1.23E-08	3.57E-09	2.62E-04	8.28E-08	2.41E-08	1.76E-05	5.56E-09	1.62E-09
3457 477363.09, 3849377.25	2.76E-04	8.71E-08	2.53E-08	3.15E-05	9.94E-09	2.89E-09	2.81E-04	8.88E-08	2.58E-08	3.64E-05	1.15E-08	3.34E-09	2.71E-04	8.55E-08	2.49E-08	1.65E-05	5.22E-09	1.52E-09
3458 477863.09, 3849377.25	2.69E-04	8.48E-08	2.47E-08	3.07E-05	9.67E-09	2.81E-09	2.74E-04	8.65E-08	2.52E-08	3.54E-05	1.12E-08	3.25E-09	2.64E-04	8.33E-08	2.42E-08	1.61E-05	5.09E-09	1.48E-09
3459 478363.09, 3849377.25	2.65E-04	8.37E-08	2.43E-08	3.71E-05	1.17E-08	3.41E-09	2.71E-04	8.57E-08	2.49E-08	4.29E-05	1.36E-08	3.94E-09	2.56E-04	8.08E-08	2.35E-08	1.95E-05	6.15E-09	1.79E-09
3460 478863.09, 3849377.25	2.45E-04	7.72E-08	2.25E-08	4.90E-05	1.55E-08	4.50E-09	2.53E-04	7.99E-08	2.32E-08	5.67E-05	1.79E-08	5.20E-09	2.27E-04	7.18E-08	2.09E-08	2.56E-05	8.09E-09	2.35E-09
3461 479363.09, 3849377.25	2.22E-04	7.00E-08	2.04E-08	5.09E-05	1.61E-08	4.68E-09	2.31E-04	7.28E-08	2.12E-08	5.89E-05	1.86E-08	5.41E-09	2.02E-04	6.37E-08	1.85E-08	2.67E-05	8.42E-09	2.45E-09
3462 479863.09, 3849377.25	1.86E-04	5.86E-08	1.70E-08	4.07E-05	1.28E-08	3.73E-09	1.92E-04	6.07E-08	1.77E-08	4.70E-05	1.48E-08	4.32E-09	1.70E-04	5.36E-08	1.56E-08	2.13E-05	6.74E-09	1.96E-09
3463 480363.09, 3849377.25	1.91E-04	6.02E-08	1.75E-08	3.48E-05	1.10E-08	3.20E-09	1.97E-04	6.20E-08	1.80E-08	4.03E-05	1.27E-08	3.70E-09	1.79E-04	5.63E-08	1.64E-08	1.84E-05	5.79E-09	1.69E-09
3464 480863.09, 3849377.25	1.77E-04	5.59E-08	1.62E-08	3.21E-05	1.01E-08	2.95E-09	1.82E-04	5.76E-08	1.67E-08	3.71E-05	1.17E-08	3.40E-09	1.66E-04	5.23E-08	1.52E-08	1.69E-05	5.35E-09	1.56E-09
3465 481363.09, 3849377.25	1.48E-04	4.66E-08	1.35E-08	2.57E-05	8.10E-09	2.36E-09	1.52E-04	4.79E-08	1.39E-08	2.97E-05	9.36E-09	2.72E-09	1.39E-04	4.38E-08	1.27E-08	1.36E-05	4.28E-09	1.25E-09
3466 481863.09, 3849377.25	1.18E-04	3.72E-08	1.08E-08	1.83E-05	5.78E-09	1.68E-09	1.21E-04	3.82E-08	1.11E-08	2.12E-05	6.68E-09	1.94E-09	1.12E-04	3.54E-08	1.03E-08	9.74E-06	3.07E-09	8.94E-10
3467 482363.09, 3849377.25	1.09E-04	3.44E-08	1.00E-08	1.56E-05	4.91E-09	1.43E-09	1.12E-04	3.52E-08	1.02E-08	1.80E-05	5.67E-09	1.65E-09	1.04E-04	3.29E-08	9.58E-09	8.30E-06	2.62E-09	7.62E-10
3468 482863.09, 3849377.25	9.71E-05	3.07E-08	8.92E-09	1.26E-05	3.99E-09	1.16E-09	9.92E-05	3.13E-08	9.11E-09	1.46E-05	4.60E-09	1.34E-09	9.37E-05	2.96E-08	8.61E-09	6.78E-06	2.14E-09	6.23E-10
3469 483363.09, 3849377.25	9.35E-05	2.95E-08	8.58E-09	1.16E-05	3.65E-09	1.06E-09	9.54E-05	3.01E-08	8.76E-09	1.33E-05	4.20E-09	1.22E-09	9.05E-05	2.86E-08	8.31E-09	6.22E-06	1.96E-09	5.71E-10
3470 483863.09, 3849377.25	8.88E-05	2.80E-08	8.16E-09	1.04E-05	3.29E-09	9.58E-10	9.06E-05	2.86E-08	8.31E-09	1.20E-05	3.79E-09	1.10E-09	8.62E-05	2.72E-08	7.92E-09	5.65E-06	1.78E-09	5.18E-10
3471 484363.09, 3849377.25	1.06E-04	3.35E-08	9.75E-09	1.45E-05	4.58E-09	1.33E-09	1.09E-04	3.43E-08	9.97E-09	1.67E-05	5.28E-09	1.54E-09	1.02E-04	3.22E-08	9.35E-09	7.80E-06	2.46E-09	7.16E-10
3472 484863.09, 3849377.25	1.20E-04	3.80E-08	1.11E-08	1.72E-05	5.43E-09	1.58E-09	1.23E-04	3.89E-08	1.13E-08	1.98E-05	6.26E-09	1.82E-09	1.15E-04	3.63E-08	1.06E-08	9.21E-06	2.91E-09	8.46E-10
3473 485363.09, 3849377.25	1.24E-04	3.91E-08	1.14E-08	1.67E-05	5.26E-09	1.53E-09	1.27E-04	4.00E-08	1.16E-08	1.92E-05	6.06E-09	1.76E-09	1.19E-04	3.75E-08	1.09E-08	8.96E-06	2.83E-09	8.23E-10
3474 485863.09, 3849377.25	1.05E-04	3.32E-08	9.66E-09	1.22E-05	3.84E-09	1.12E-09	1.07E-04	3.38E-08	9.84E-09	1.40E-05	4.42E-09	1.29E-09	1.02E-04	3.22E-08	9.36E-09	6.62E-06	2.09E-09	6.07E-10
3475 486363.09, 3849377.25	9.22E-05	2.91E-08	8.46E-09	9.98E-06	3.15E-09	9.16E-10	9.38E-05	2.96E-08	8.61E-09	1.15E-05	3.62E-09	1.05E-09	8.99E-05	2.84E-08	8.25E-09	5.44E-06	1.72E-09	4.99E-10
3476 486863.09, 3849377.25	9.76E-05	3.08E-08	8.96E-09	1.16E-05	3.67E-09	1.07E-09	9.95E-05	3.14E-08	9.13E-09	1.34E-05	4.23E-09	1.23E-09	9.47E-05	2.99E-08	8.69E-09	6.29E-06	1.98E-09	5.77E-10
3477 487363.09, 3849377.25	9.56E-05	3.02E-08	8.78E-09	1.14E-05	3.60E-09	1.05E-09	9.75E-05	3.08E-08	8.95E-09	1.31E-05	4.14E-09	1.21E-09	9.28E-05	2.93E-08	8.52E-09	6.15E-06	1.94E-09	5.65E-10
3478 487863.09, 3849377.25	9.37E-05	2.96E-08	8.60E-09	1.11E-05	3.52E-09	1.02E-09	9.55E-05	3.02E-08	8.77E-09	1.28E-05	4.05E-09	1.18E-09	9.10E-05	2.87E-08	8.35E-09	6.02E-06	1.90E-09	5.52E-10
3479 488363.09, 3849377.25	9.57E-05	3.02E-08	8.79E-09	1.10E-05	3.47E-09	1.01E-09	9.75E-05	3.08E-08	8.95E-09	1.26E-05	3.99E-09	1.16E-09	9.31E-05	2.94E-08	8.55E-09	5.95E-06	1.88E-09	5.46E-10
3480 488863.09, 3849377.25	9.99E-05	3.15E-08	9.17E-09	1.14E-05	3.58E-09	1.04E-09	1.02E-04	3.21E-08	9.34E-09	1.31E-05	4.12E-09	1.20E-09	9.72E-05	3.07E-08	8.92E-09	6.16E-06	1.95E-09	5.66E-10
3481 489363.09, 3849377.25	1.04E-04	3.29E-08	9.58E-09	1.18E-05	3.72E-09	1.08E-09	1.06E-04	3.35E-08	9.75E-09	1.36E-05	4.28E-09	1.25E-09	1.01E-04	3.20E-08	9.31E-09	6.41E-06	2.02E-09	5.88E-10
3482 489863.09, 3849377.25	1.06E-04	3.33E-08	9.70E-09	1.20E-05	3.80E-09	1.10E-09	1.08E-04	3.40E-08	9.88E-09	1.38E-05	4.37E-09	1.27E-09	1.03E-04	3.24E-08	9.43E-09	6.53E-06	2.06E-09	6.00E-10
3483 490363.09, 3849377.25	1.03E-04	3.24E-08	9.43E-09	1.18E-05	3.73E-09	1.09E-09	1.05E-04	3.30E-08	9.61E-09	1.36E-05	4.30E-09	1.25E-09	9.98E-05	3.15E-08	9.16E-09	6.42E-06	2.03E-09	5.90E-10
3484 490863.09, 3849377.25	1.04E-04	3.29E-08	9.56E-09	1.20E-05	3.80E-09	1.10E-09	1.06E-04	3.35E-08	9.75E-09	1.38E-05	4.37E-09	1.27E-09	1.01E-04	3.19E-08	9.29E-09	6.54E-06	2.06E-09	6.00E-10
3485 491363.09, 3849377.25	1.06E-04	3.35E-08	9.76E-09	1.22E-05	3.85E-09	1.12E-09	1.08E-04	3.42E-08	9.94E-09	1.40E-05	4.42E-09	1.29E-09	1.03E-04	3.26E-08	9.48E-09	6.62E-06	2.09E-09	6.08E-10
3486 491863.09, 3849377.25	1.04E-04	3.28E-08	9.54E-09	1.19E-05	3.77E-09	1.10E-09	1.06E-04	3.34E-08	9.72E-09	1.37E-05	4.34E-09	1.26E-09	1.01E-04	3.19E-08	9.27E-09	6.49E-06	2.05E-09	5.95E-10
3487 492363.09, 3849377.25	1.02E-04	3.21E-08	9.35E-09	1.18E-05	3.72E-09	1.08E-09	1.04E-04	3.28E-08	9.53E-09	1.36E-05	4.28E-09	1.25E-09	9.90E-05	3.12E-08	9.09E-09	6.40E-06	2.02E-09	5.88E-10
3488 492863.09, 3849377.25	9.76E-05	3.08E-08	8.96E-09	1.11E-05	3.52E-09	1.02E-09	9.94E-05	3.14E-08	9.12E-09	1.28E-05	4.05E-09	1.18E-09	9.49E-05	3.00E-08	8.71E-09	6.06E-06	1.91E-09	5.56E-10
3489 493363.09, 3849377.25	9.97E-05	3.15E-08	9.16E-09	1.14E-05	3.60E-09	1.05E-09	1.02E-04	3.21E-08	9.33E-09	1.31E-05	4.14E-09	1.21E-09	9.71E-05	3.06E-08	8.91E-09	6.20E-06	1.96E-09	5.69E-10
3490 493863.09, 3849377.25	1.04E-04	3.28E-08	9.53E-09	1.19E-05	3.76E-09	1.09E-09	1.06E-04	3.34E-08	9.71E-09	1.37E-05	4.32E-09	1.26E-09	1.01E-04	3.19E-08	9.27E-09	6.46E-06	2.04E-09	5.93E-10
3491 494363.09, 3849377.25	1.12E-04	3.53E-08	1.03E-08	1.30E-05	4.12E-09	1.20E-09	1.14E-04	3.59E-08	1.05E-08	1.50E-05	4.74E-09	1.38E-09	1.09E-04	3.43E-08	9.97E-09	7.07E-06	2.23E-09	6.49E-10
3492 494863.09, 3849377.25	1.28E-04	4.03E-08	1.17E-08	1.56E-05	4.92E-09	1.43E-09	1.30E-04	4.11E-08	1.20E-08	1.79E-05	5.66E-09	1.65E-09	1.24E-04	3.90E-08	1.13E-08	8.42E-06	2.66E-09	7.73E-10
3493 495363.09, 3849377.25	1.38E-04	4.35E-08	1.26E-08	1.72E-05	5.43E-09	1.58E-09	1.41E-04	4.44E-08	1.29E-08	1.98E-05	6.25E-09	1.82E-09	1.33E-04	4.20E-08	1.22E-08	9.29E-06	2.93E-09	8.53E-10
3494 495863.09, 3849377.25	1.28E-04	4.03E-08	1.17E-08	1.52E-05	4.80E-09	1.40E-09	1.30E-04	4.11E-08	1.20E-08	1.75E-05	5.52E-09	1.61E-09	1.24E-04	3.91E-08	1.14E-08	8.25E-06	2.60E-09	7.57E-10

3495	496363.09, 3849377.25	1.32E-04	4.18E-08	1.22E-08	1.58E-05	4.98E-09	1.45E-09	1.35E-04	4.26E-08	1.24E-08	1.82E-05	5.73E-09	1.67E-09	1.28E-04	4.05E-08	1.18E-08	8.56E-06	2.70E-09	7.86E-10
3496	496863.09, 3849377.25	1.63E-04	5.14E-08	1.49E-08	2.10E-05	6.64E-09	1.93E-09	1.66E-04	5.25E-08	1.53E-08	2.42E-05	7.65E-09	2.22E-09	1.57E-04	4.95E-08	1.44E-08	1.13E-05	3.58E-09	1.04E-09
3497	497363.09, 3849377.25	1.77E-04	5.58E-08	1.62E-08	2.38E-05	7.51E-09	2.19E-09	1.81E-04	5.70E-08	1.66E-08	2.74E-05	8.66E-09	2.52E-09	1.70E-04	5.36E-08	1.56E-08	1.28E-05	4.04E-09	1.17E-09
3498	497863.09, 3849377.25	2.11E-04	6.65E-08	1.93E-08	3.14E-05	9.90E-09	2.88E-09	2.16E-04	6.82E-08	1.98E-08	3.62E-05	1.14E-08	3.32E-09	2.01E-04	6.34E-08	1.84E-08	1.67E-05	5.29E-09	1.54E-09
3499	498363.09, 3849377.25	2.11E-04	6.66E-08	1.94E-08	3.15E-05	9.93E-09	2.89E-09	2.16E-04	6.83E-08	1.99E-08	3.63E-05	1.15E-08	3.33E-09	2.01E-04	6.35E-08	1.85E-08	1.68E-05	5.30E-09	1.54E-09
3500	471363.09, 3849877.25	1.70E-04	5.37E-08	1.56E-08	2.11E-05	6.66E-09	1.94E-09	1.74E-04	5.48E-08	1.59E-08	2.44E-05	7.70E-09	2.24E-09	1.66E-04	5.23E-08	1.52E-08	1.11E-05	3.52E-09	1.02E-09
3501	471863.09, 3849877.25	1.98E-04	6.25E-08	1.82E-08	2.38E-05	7.52E-09	2.19E-09	2.02E-04	6.38E-08	1.86E-08	2.75E-05	8.69E-09	2.53E-09	1.94E-04	6.11E-08	1.78E-08	1.25E-05	3.96E-09	1.15E-09
3502	472363.09, 3849877.25	2.19E-04	6.92E-08	2.01E-08	2.59E-05	8.17E-09	2.38E-09	2.24E-04	7.06E-08	2.05E-08	2.99E-05	9.44E-09	2.75E-09	2.15E-04	6.78E-08	1.97E-08	1.36E-05	4.30E-09	1.25E-09
3503	472863.09, 3849877.25	2.31E-04	7.28E-08	2.12E-08	2.77E-05	8.75E-09	2.54E-09	2.35E-04	7.43E-08	2.16E-08	3.21E-05	1.01E-08	2.94E-09	2.26E-04	7.12E-08	2.07E-08	1.46E-05	4.60E-09	1.34E-09
3504	473363.09, 3849877.25	2.36E-04	7.45E-08	2.17E-08	3.00E-05	9.48E-09	2.76E-09	2.41E-04	7.61E-08	2.21E-08	3.47E-05	1.10E-08	3.19E-09	2.30E-04	7.26E-08	2.11E-08	1.58E-05	4.98E-09	1.45E-09
3505	473863.09, 3849877.25	2.43E-04	7.68E-08	2.23E-08	3.32E-05	1.05E-08	3.05E-09	2.49E-04	7.86E-08	2.29E-08	3.84E-05	1.21E-08	3.52E-09	2.36E-04	7.44E-08	2.16E-08	1.74E-05	5.50E-09	1.60E-09
3506	474363.09, 3849877.25	2.48E-04	7.83E-08	2.28E-08	3.62E-05	1.14E-08	3.32E-09	2.54E-04	8.03E-08	2.33E-08	4.18E-05	1.32E-08	3.84E-09	2.39E-04	7.54E-08	2.19E-08	1.90E-05	5.99E-09	1.74E-09
3507	474863.09, 3849877.25	2.52E-04	7.95E-08	2.31E-08	3.80E-05	1.20E-08	3.49E-09	2.58E-04	8.16E-08	2.37E-08	4.39E-05	1.39E-08	4.03E-09	2.42E-04	7.63E-08	2.22E-08	1.99E-05	6.29E-09	1.83E-09
3508	475363.09, 3849877.25	2.49E-04	7.85E-08	2.28E-08	3.86E-05	1.22E-08	3.55E-09	2.55E-04	8.05E-08	2.34E-08	4.47E-05	1.41E-08	4.10E-09	2.38E-04	7.51E-08	2.18E-08	2.03E-05	6.40E-09	1.86E-09
3509	475863.09, 3849877.25	2.45E-04	7.72E-08	2.25E-08	3.90E-05	1.23E-08	3.58E-09	2.51E-04	7.93E-08	2.31E-08	4.51E-05	1.42E-08	4.14E-09	2.33E-04	7.37E-08	2.14E-08	2.04E-05	6.45E-09	1.88E-09
3510	476363.09, 3849877.25	2.47E-04	7.81E-08	2.27E-08	3.90E-05	1.23E-08	3.58E-09	2.54E-04	8.02E-08	2.33E-08	4.52E-05	1.43E-08	4.15E-09	2.36E-04	7.46E-08	2.17E-08	2.05E-05	6.46E-09	1.88E-09
3511	476863.09, 3849877.25	2.77E-04	8.75E-08	2.54E-08	3.90E-05	1.23E-08	3.58E-09	2.84E-04	8.96E-08	2.61E-08	4.52E-05	1.43E-08	4.15E-09	2.68E-04	8.45E-08	2.46E-08	2.05E-05	6.46E-09	1.88E-09
3512	477363.09, 3849877.25	3.24E-04	1.02E-07	2.97E-08	3.87E-05	1.22E-08	3.56E-09	3.30E-04	1.04E-07	3.03E-08	4.48E-05	1.41E-08	4.11E-09	3.17E-04	1.00E-07	2.91E-08	2.03E-05	6.41E-09	1.87E-09
3513	477863.09, 3849877.25	3.38E-04	1.07E-07	3.10E-08	3.72E-05	1.17E-08	3.41E-09	3.44E-04	1.09E-07	3.16E-08	4.30E-05	1.36E-08	3.95E-09	3.33E-04	1.05E-07	3.06E-08	1.95E-05	6.16E-09	1.79E-09
3514	478363.09, 3849877.25	3.16E-04	9.98E-08	2.90E-08	3.55E-05	1.12E-08	3.25E-09	3.22E-04	1.02E-07	2.96E-08	4.10E-05	1.29E-08	3.76E-09	3.11E-04	9.82E-08	2.86E-08	1.86E-05	5.88E-09	1.71E-09
3515	478863.09, 3849877.25	3.14E-04	9.91E-08	2.88E-08	4.25E-05	1.34E-08	3.90E-09	3.21E-04	1.01E-07	2.95E-08	4.91E-05	1.55E-08	4.51E-09	3.04E-04	9.61E-08	2.80E-08	2.23E-05	7.03E-09	2.04E-09
3516	479363.09, 3849877.25	2.85E-04	9.00E-08	2.62E-08	5.69E-05	1.79E-08	5.22E-09	2.95E-04	9.30E-08	2.71E-08	6.58E-05	2.08E-08	6.04E-09	2.65E-04	8.36E-08	2.43E-08	2.98E-05	9.39E-09	2.73E-09
3517	479863.09, 3849877.25	2.76E-04	8.71E-08	2.53E-08	6.24E-05	1.97E-08	5.73E-09	2.87E-04	9.05E-08	2.63E-08	7.22E-05	2.28E-08	6.63E-09	2.52E-04	7.95E-08	2.31E-08	3.26E-05	1.03E-08	3.00E-09
3518	480363.09, 3849877.25	2.32E-04	7.31E-08	2.13E-08	5.11E-05	1.61E-08	4.69E-09	2.40E-04	7.59E-08	2.21E-08	5.91E-05	1.86E-08	5.42E-09	2.12E-04	6.69E-08	1.95E-08	2.68E-05	8.45E-09	2.46E-09
3519	480863.09, 3849877.25	1.89E-04	5.98E-08	1.74E-08	3.62E-05	1.14E-08	3.33E-09	1.96E-04	6.17E-08	1.80E-08	4.19E-05	1.32E-08	3.85E-09	1.76E-04	5.57E-08	1.62E-08	1.91E-05	6.02E-09	1.75E-09
3520	481363.09, 3849877.25	1.74E-04	5.49E-08	1.60E-08	3.20E-05	1.01E-08	2.93E-09	1.79E-04	5.66E-08	1.65E-08	3.69E-05	1.17E-08	3.39E-09	1.63E-04	5.13E-08	1.49E-08	1.69E-05	5.33E-09	1.55E-09
3521	481863.09, 3849877.25	1.27E-04	4.00E-08	1.16E-08	1.99E-05	6.27E-09	1.82E-09	1.30E-04	4.11E-08	1.19E-08	2.29E-05	7.24E-09	2.10E-09	1.21E-04	3.80E-08	1.11E-08	1.06E-05	3.33E-09	9.69E-10
3522	482363.09, 3849877.25	1.14E-04	3.59E-08	1.04E-08	1.62E-05	5.12E-09	1.49E-09	1.16E-04	3.68E-08	1.07E-08	1.87E-05	5.90E-09	1.72E-09	1.09E-04	3.44E-08	1.00E-08	8.65E-06	2.73E-09	7.94E-10
3523	482863.09, 3849877.25	1.04E-04	3.28E-08	9.54E-09	1.38E-05	4.35E-09	1.26E-09	1.06E-04	3.35E-08	9.75E-09	1.59E-05	5.01E-09	1.46E-09	1.00E-04	3.16E-08	9.20E-09	7.38E-06	2.33E-09	6.78E-10
3524	483363.09, 3849877.25	9.72E-05	3.07E-08	8.92E-09	1.22E-05	3.84E-09	1.12E-09	9.92E-05	3.13E-08	9.10E-09	1.40E-05	4.42E-09	1.29E-09	9.40E-05	2.97E-08	8.63E-09	6.54E-06	2.07E-09	6.01E-10
3525	483863.09, 3849877.25	9.79E-05	3.09E-08	8.99E-09	1.23E-05	3.87E-09	1.13E-09	9.99E-05	3.15E-08	9.17E-09	1.41E-05	4.46E-09	1.30E-09	9.47E-05	2.99E-08	8.69E-09	6.60E-06	2.08E-09	6.06E-10
3526	484363.09, 3849877.25	1.14E-04	3.60E-08	1.05E-08	1.63E-05	5.14E-09	1.49E-09	1.17E-04	3.69E-08	1.07E-08	1.88E-05	5.92E-09	1.72E-09	1.09E-04	3.45E-08	1.00E-08	8.71E-06	2.75E-09	8.00E-10
3527	484863.09, 3849877.25	1.36E-04	4.30E-08	1.25E-08	2.14E-05	6.76E-09	1.97E-09	1.40E-04	4.41E-08	1.28E-08	2.47E-05	7.80E-09	2.27E-09	1.29E-04	4.08E-08	1.19E-08	1.14E-05	3.60E-09	1.05E-09
3528	485363.09, 3849877.25	1.35E-04	4.26E-08	1.24E-08	1.90E-05	6.00E-09	1.75E-09	1.38E-04	4.36E-08	1.27E-08	2.19E-05	6.92E-09	2.01E-09	1.29E-04	4.08E-08	1.19E-08	1.02E-05	3.22E-09	9.36E-10
3529	485863.09, 3849877.25	1.21E-04	3.83E-08	1.11E-08	1.50E-05	4.72E-09	1.37E-09	1.24E-04	3.90E-08	1.14E-08	1.72E-05	5.44E-09	1.58E-09	1.17E-04	3.70E-08	1.08E-08	8.09E-06	2.55E-09	7.43E-10
3530	486363.09, 3849877.25	1.12E-04	3.52E-08	1.02E-08	1.34E-05	4.22E-09	1.23E-09	1.14E-04	3.59E-08	1.05E-08	1.54E-05	4.86E-09	1.41E-09	1.08E-04	3.41E-08	9.93E-09	7.23E-06	2.28E-09	6.64E-10
3531	486863.09, 3849877.25	1.14E-04	3.61E-08	1.05E-08	1.45E-05	4.57E-09	1.33E-09	1.17E-04	3.69E-08	1.07E-08	1.67E-05	5.27E-09	1.53E-09	1.11E-04	3.49E-08	1.01E-08	7.80E-06	2.46E-09	7.16E-10
3532	487363.09, 3849877.25	1.10E-04	3.48E-08	1.01E-08	1.37E-05	4.33E-09	1.26E-09	1.13E-04	3.55E-08	1.03E-08	1.58E-05	4.99E-09	1.45E-09	1.07E-04	3.37E-08	9.81E-09	7.38E-06	2.33E-09	6.78E-10
3533	487863.09, 3849877.25	1.06E-04	3.36E-08	9.77E-09	1.33E-05	4.19E-09	1.22E-09	1.09E-04	3.43E-08	9.97E-09	1.53E-05	4.83E-09	1.40E-09	1.03E-04	3.25E-08	9.45E-09	7.14E-06	2.26E-09	6.56E-10
3534	488363.09, 3849877.25	1.09E-04	3.45E-08	1.00E-08	1.33E-05	4.21E-09	1.22E-09	1.12E-04	3.52E-08	1.02E-08	1.54E-05	4.85E-09	1.41E-09	1.06E-04	3.35E-08	9.73E-09	7.20E-06	2.27E-09	6.61E-10
3535	488863.09, 3849877.25	1.15E-04	3.64E-08	1.06E-08	1.40E-05	4.42E-09	1.29E-09	1.18E-04	3.72E-08	1.08E-08	1.61E-05	5.09E-09	1.48E-09	1.12E-04	3.53E-08	1.03E-08	7.57E-06	2.39E-09	6.95E-10
3536	489363.09, 3849877.25	1.20E-04	3.77E-08	1.10E-08	1.44E-05	4.55E-09	1.32E-09	1.22E-04	3.85E-08	1.12E-08	1.66E-05	5.24E-09	1.52E-09	1.16E-04	3.65E-08	1.06E-08	7.80E-06	2.46E-09	7.16E-10
3537	489863.09, 3849877.25	1.19E-04	3.77E-08	1.10E-08	1.44E-05	4.54E-09	1.32E-09	1.22E-04	3.84E-08	1.12E-08	1.66E-05	5.23E-09	1.52E-09	1.16E-04	3.65E-08	1.06E-08	7.79E-06	2.46E-09	7.15E-10
3538	490363.09, 3849877.25	1.17E-04	3.71E-08	1.08E-08	1.43E-05	4.50E-09	1.31E-09	1.20E-04	3.78E-08	1.10E-08	1.64E-05	5.18E-09	1.51E-09	1.14E-04	3.59E-08	1.04E-08	7.71E-06	2.43E-09	7.08E-10
3539	490863.09, 3849877.25	1.21E-04	3.82E-08	1.11E-08	1.46E-05	4.62E-09	1.34E-09	1.23E-04	3.90E-08	1.13E-08	1.68E-05	5.32E-09	1.55E-09	1.17E-04	3.70E-08	1.08E-08	7.92E-06	2.50E-09	7.27E-10
3540	491363.09, 3849877.25	1.23E-04	3.87E-08	1.13E-08	1.49E-05	4.69E-09	1.36E-09	1.25E-04	3.95E-08	1.15E-08	1.71E-05	5.40E-09	1.57E-09	1.19E-04	3.75E-08	1.09E-08	8.03E-06	2.54E-09	7.38E-10
3541	491863.09, 3849877.25	1.20E-04	3.78E-08	1.10E-08	1.45E-05	4.57E-09	1.33E-09	1.22E-04	3.86E-08	1.12E-08	1.67E-05	5.27E-09	1.53E-09	1.16E-04	3.67E-08	1.07E-08	7.84E-06	2.47E-09	7.19E-10
3542	492363.09, 3849877.25	1.19E-04	3.76E-08	1.09E-08	1.47E-05	4.64E-09	1.35E-09	1.22E-04	3.84E-08	1.12E-08	1.69E-05	5.35E-09	1.56E-09	1.15E-04	3.64E-08	1.06E-08	7.95E-06	2.51E-09	7.29E-10
3543	492863.09, 3849877.25	1.18E-04	3.72E-08	1.08E-08	1.45E-05	4.56E-09	1.33E-09	1.20E-04	3.80E-08	1.10E-08	1.66E-05	5.25E-09	1.53E-09	1.14E-04	3.60E-08	1.05E-08	7.81E-06	2.47E-09	7.17E-10
3544	493363.09, 3849877.25	1.18E-04	3.73E-08	1.09E-08	1.42E-05	4.48E-09	1.30E-09	1.21E-04	3.80E-08	1.11E-08	1.63E-05	5.16E-09	1.50E-09	1.15E-04	3.62E-08	1.05E-08	7.68E-06	2.42E-09	7.05E-10
3545	493863.09, 3849877.25	1.22E-04	3.84E-08	1.12E-08	1.47E-05	4.63E-09	1.35E-09	1.24E-04	3.92E-08	1.14E-08	1.69E-05	5.33E-09	1.55E-09	1.18E-04	3.72E-08	1.08E-08	7.93E-06	2.50E-09	7.28E-10
3546	494363.09, 3849877.25	1.43E-04	4.50E-08	1.31E-08	1.83E-05	5.77E-09	1.68E-09	1.46E-04	4.60E-08	1.34E-08	2.11E-05	6.64E-09	1.93E-09	1.38E-04	4.35E-08	1.26E-08	9.85E-06	3.11E-09	9.04E-10
3547	494863.09, 3849877.25	1.62E-04	5.10E-08	1.48E-08	2.14E-05	6.77E-09	1.97E-09	1.65E-04	5.21E-08	1.52E-08	2.47E-05	7.80E-09	2.27E-09	1.56E-04	4.91E-08	1.43E-08	1.15E-05	3.64E-09	1.06E-09
3548	495363.09, 3849877.25	1.58E-04	4.99E-08	1.45E-08	2.04E-05	6.42E-09	1.87E-09	1.61E-04	5.10E-08	1.48E-08	2.34E-05	7.40E-09	2.15E-09	1.52E-04	4.81E-08	1.40E-08	1.10E-05	3.46E-09	1.01E-09
3549	495863.09, 3849877.25	1.80E-04	5.70E-08	1.66E-08	2.42E-05	7.63E-09	2.22E-09	1.84E-04	5.82E-08	1.69E-08	2.79E-05	8.80E-09	2.56E-09	1.74E-04	5.48E-08	1.59E-08	1.30E-05	4.10E-09	1.19E-09
3550	496363.09, 3849877.25	1.94E-04	6.11E-08	1.78E-08	2.67E-05	8.41E-09	2.45E-09	1.98E-04	6.25E-08	1.82E-08	3.07E-05	9.70E-09	2.82E-09	1.86E-04	5.86E-08	1.70E-08	1.43E-05	4.51E-09	1.31E-09
3551	496863.09, 3849877.25	2.03E-04	6.40E-08	1.86E-08	2.88E-05	9.08E-09	2.64E-09	2.08E-04	6.55E-08	1.91E-08	3.32E-05	1.05E-08	3.05E-09	1.94E-04	6.12E-08	1.78E-08	1.54E-05	4.87E-09	1.42E-09
3552	497363.09, 3849877.25	2.30E-04	7.25E-08	2.11E-08	3.51E-05	1.11E-08	3.22E-09	2.36E-04	7.44E-08	2.16E-08	4.05E-05	1.28E-08	3.71E-09	2.19E-04	6.90E-08	2.01E-08	1.87E-05	5.90E-09	1.72E-09
3553	497863.09, 3849877.25	2.44E-04	7.69E-08	2.24E-08	3.85E-05	1.21E-08	3.53E-09	2.50E-04	7.89E-08	2.30E-08	4.44E-05	1.40E-08	4.08E-09	2.31E-04	7.29E-08	2.12E-08	2.05E-05	6.46E-09	1.88E-09
3554	498363.09, 3849877.25	2.45E-04	7.73E-08	2.25E-08	3.83E-05	1.21E-08	3.52E-09	2.51E-04	7.93E-08	2.31E-08	4.42E-05	1.39E-08	4.06E-09	2.33E-04	7.34E-08	2.14E-08	2.04E-05	6.44E-09	1.87E-09
3555	471363.09, 3850377.25	1.38E-04	4.35E-08	1.26E-08	1.89E-05	5.96E-09	1.73E-09	1.41E-04	4.45E-08	1.29E-08	2.18E-05	6.89E-09	2.00E-09	1.33E-04	4.19E-08	1.22E-08	1.00E-05	3.16E-09	9.18E-10
3556	471863.09, 3850377.25	1.74E-04	5.48E-08	1.59E-08	2.26E-05	7.12E-09	2.07E-09	1.78E-04	5.60E-08	1.63E-08	2.61E-05	8.23E-09	2.39E-09	1.69E-04	5.32E-08	1.55E-08	1.19E-05	3.76E-09	1.09E-09
3557	472363.09, 3850377.25	1.96E-04	6.18E-08	1.80E-08	2.45E-05	7.72E-09	2.25E-09	2.00E-04	6.31E-08	1.84E-08	2.83E-05	8.93E-09	2.60E-09	1.91E-04	6.02E-08	1.75E-08	1.29E-05	4.07E-09	1.18E-09
3558	472863.09, 3850377.25	2.33E-04	7.35E-08	2.14E-08	2.74E-05	8.66E-09	2.52E-09	2.38E-04	7.50E-08	2.18E-08	3.17E-05	1.00E-08	2.91E-09	2.28E-04	7.20E-08	2.10E-08	1.44E-05	4.56E-09	1.33E-09
3559	473363.09, 3850377.25	2.40E-04	7.56E-08	2.20E-08	2.91E-05	9.18E-09	2.67E-09	2.45E-04	7.72E-08	2.25E-08	3.36E-05	1.06E-08	3.09E-09	2.34E-04	7.39E-08	2.15E-08	1.53E-05	4.83E-09	1.40E-09
3560	473863.09, 3850377.25	2.53E-04	7.99E-08	2.33E-08	3.14E-05	9.92E-09	2.88E-09	2.59E-04	8.16E-08	2.37E-08	3.63E-05	1.15E-08	3.34E-09	2.47E-04	7.80E-08	2.27E-08	1.65E-05	5.21E-09	1.52E-09

3561 474363.09, 3850377.25	2.66E-04	8.40E-08	2.44E-08	3.45E-05	1.09E-08	3.17E-09	2.72E-04	8.59E-08	2.50E-08	3.99E-05	1.26E-08	3.66E-09	2.59E-04	8.17E-08	2.38E-08	1.81E-05	5.71E-09	1.66E-09
3562 474863.09, 3850377.25	2.73E-04	8.63E-08	2.51E-08	3.81E-05	1.20E-08	3.50E-09	2.80E-04	8.84E-08	2.57E-08	4.41E-05	1.39E-08	4.05E-09	2.64E-04	8.35E-08	2.43E-08	2.00E-05	6.31E-09	1.83E-09
3563 475363.09, 3850377.25	2.80E-04	8.84E-08	2.57E-08	4.14E-05	1.31E-08	3.80E-09	2.87E-04	9.06E-08	2.64E-08	4.79E-05	1.51E-08	4.39E-09	2.69E-04	8.50E-08	2.47E-08	2.17E-05	6.85E-09	1.99E-09
3564 475863.09, 3850377.25	2.80E-04	8.83E-08	2.57E-08	4.34E-05	1.37E-08	3.99E-09	2.87E-04	9.07E-08	2.64E-08	5.03E-05	1.59E-08	4.61E-09	2.68E-04	8.45E-08	2.46E-08	2.28E-05	7.19E-09	2.09E-09
3565 476363.09, 3850377.25	2.75E-04	8.67E-08	2.52E-08	4.43E-05	1.40E-08	4.07E-09	2.82E-04	8.91E-08	2.59E-08	5.13E-05	1.62E-08	4.71E-09	2.62E-04	8.27E-08	2.41E-08	2.32E-05	7.33E-09	2.13E-09
3566 476863.09, 3850377.25	2.77E-04	8.73E-08	2.54E-08	4.46E-05	1.41E-08	4.10E-09	2.84E-04	8.97E-08	2.61E-08	5.16E-05	1.63E-08	4.74E-09	2.64E-04	8.32E-08	2.42E-08	2.34E-05	7.38E-09	2.15E-09
3567 477363.09, 3850377.25	3.09E-04	9.75E-08	2.84E-08	4.48E-05	1.41E-08	4.11E-09	3.16E-04	9.99E-08	2.91E-08	5.18E-05	1.63E-08	4.75E-09	2.98E-04	9.39E-08	2.73E-08	2.35E-05	7.40E-09	2.15E-09
3568 477863.09, 3850377.25	3.61E-04	1.14E-07	3.31E-08	4.46E-05	1.41E-08	4.10E-09	3.68E-04	1.16E-07	3.38E-08	5.16E-05	1.63E-08	4.74E-09	3.52E-04	1.11E-07	3.23E-08	2.34E-05	7.38E-09	2.15E-09
3569 478363.09, 3850377.25	3.76E-04	1.19E-07	3.45E-08	4.32E-05	1.36E-08	3.96E-09	3.83E-04	1.21E-07	3.52E-08	4.99E-05	1.58E-08	4.58E-09	3.69E-04	1.17E-07	3.39E-08	2.26E-05	7.14E-09	2.08E-09
3570 478863.09, 3850377.25	3.78E-04	1.19E-07	3.47E-08	4.20E-05	1.33E-08	3.85E-09	3.85E-04	1.22E-07	3.54E-08	4.86E-05	1.53E-08	4.46E-09	3.72E-04	1.18E-07	3.42E-08	2.20E-05	6.95E-09	2.02E-09
3571 479363.09, 3850377.25	3.71E-04	1.17E-07	3.41E-08	4.89E-05	1.54E-08	4.49E-09	3.80E-04	1.20E-07	3.48E-08	5.66E-05	1.79E-08	5.19E-09	3.61E-04	1.14E-07	3.31E-08	2.56E-05	8.09E-09	2.35E-09
3572 479863.09, 3850377.25	3.39E-04	1.07E-07	3.11E-08	6.59E-05	2.08E-08	6.05E-09	3.50E-04	1.10E-07	3.21E-08	7.63E-05	2.41E-08	7.00E-09	3.16E-04	9.97E-08	2.90E-08	3.45E-05	1.09E-08	3.16E-09
3573 480363.09, 3850377.25	3.12E-04	9.86E-08	2.87E-08	7.17E-05	2.26E-08	6.58E-09	3.25E-04	1.02E-07	2.98E-08	8.30E-05	2.62E-08	7.62E-09	2.85E-04	8.98E-08	2.61E-08	3.75E-05	1.18E-08	3.44E-09
3574 480863.09, 3850377.25	2.88E-04	9.08E-08	2.64E-08	6.20E-05	1.96E-08	5.69E-09	2.98E-04	9.41E-08	2.74E-08	7.18E-05	2.26E-08	6.59E-09	2.64E-04	8.34E-08	2.43E-08	3.25E-05	1.02E-08	2.98E-09
3575 481363.09, 3850377.25	2.01E-04	6.35E-08	1.85E-08	3.94E-05	1.24E-08	3.61E-09	2.08E-04	6.57E-08	1.91E-08	4.55E-05	1.44E-08	4.18E-09	1.87E-04	5.90E-08	1.72E-08	2.07E-05	6.54E-09	1.90E-09
3576 481863.09, 3850377.25	1.93E-04	6.08E-08	1.77E-08	3.63E-05	1.15E-08	3.34E-09	1.99E-04	6.27E-08	1.82E-08	4.20E-05	1.33E-08	3.86E-09	1.79E-04	5.66E-08	1.65E-08	1.92E-05	6.06E-09	1.76E-09
3577 482363.09, 3850377.25	1.76E-04	5.54E-08	1.61E-08	3.22E-05	1.02E-08	2.96E-09	1.81E-04	5.71E-08	1.66E-08	3.73E-05	1.18E-08	3.42E-09	1.64E-04	5.18E-08	1.51E-08	1.70E-05	5.38E-09	1.56E-09
3578 482863.09, 3850377.25	1.34E-04	4.22E-08	1.23E-08	2.12E-05	6.68E-09	1.94E-09	1.37E-04	4.34E-08	1.26E-08	2.45E-05	7.72E-09	2.24E-09	1.27E-04	4.01E-08	1.17E-08	1.13E-05	3.55E-09	1.03E-09
3579 483363.09, 3850377.25	1.17E-04	3.68E-08	1.07E-08	1.66E-05	5.23E-09	1.52E-09	1.20E-04	3.77E-08	1.10E-08	1.91E-05	6.03E-09	1.75E-09	1.12E-04	3.53E-08	1.03E-08	8.85E-06	2.79E-09	8.12E-10
3580 483863.09, 3850377.25	1.22E-04	3.86E-08	1.12E-08	1.77E-05	5.57E-09	1.62E-09	1.25E-04	3.96E-08	1.15E-08	2.04E-05	6.43E-09	1.87E-09	1.17E-04	3.70E-08	1.08E-08	9.43E-06	2.98E-09	8.66E-10
3581 484363.09, 3850377.25	1.37E-04	4.34E-08	1.26E-08	2.20E-05	6.94E-09	2.02E-09	1.41E-04	4.45E-08	1.30E-08	2.54E-05	8.01E-09	2.33E-09	1.30E-04	4.11E-08	1.19E-08	1.17E-05	3.69E-09	1.07E-09
3582 484863.09, 3850377.25	1.52E-04	4.80E-08	1.40E-08	2.60E-05	8.22E-09	2.39E-09	1.56E-04	4.94E-08	1.44E-08	3.01E-05	9.49E-09	2.76E-09	1.43E-04	4.51E-08	1.31E-08	1.38E-05	4.36E-09	1.27E-09
3583 485363.09, 3850377.25	1.57E-04	4.95E-08	1.44E-08	2.42E-05	7.64E-09	2.22E-09	1.61E-04	5.08E-08	1.48E-08	2.79E-05	8.81E-09	2.56E-09	1.49E-04	4.70E-08	1.37E-08	1.29E-05	4.08E-09	1.19E-09
3584 485863.09, 3850377.25	1.48E-04	4.68E-08	1.36E-08	2.04E-05	6.45E-09	1.88E-09	1.52E-04	4.79E-08	1.39E-08	2.35E-05	7.43E-09	2.16E-09	1.42E-04	4.48E-08	1.30E-08	1.10E-05	3.46E-09	1.01E-09
3585 486363.09, 3850377.25	1.42E-04	4.49E-08	1.31E-08	1.91E-05	6.02E-09	1.75E-09	1.45E-04	4.59E-08	1.33E-08	2.20E-05	6.94E-09	2.02E-09	1.36E-04	4.31E-08	1.25E-08	1.03E-05	3.24E-09	9.42E-10
3586 486863.09, 3850377.25	1.39E-04	4.38E-08	1.27E-08	1.83E-05	5.79E-09	1.68E-09	1.42E-04	4.48E-08	1.30E-08	2.11E-05	6.67E-09	1.94E-09	1.34E-04	4.22E-08	1.23E-08	9.85E-06	3.11E-09	9.04E-10
3587 487363.09, 3850377.25	1.28E-04	4.03E-08	1.17E-08	1.67E-05	5.28E-09	1.54E-09	1.31E-04	4.12E-08	1.20E-08	1.93E-05	6.08E-09	1.77E-09	1.23E-04	3.89E-08	1.13E-08	8.97E-06	2.83E-09	8.23E-10
3588 487863.09, 3850377.25	1.24E-04	3.91E-08	1.14E-08	1.63E-05	5.16E-09	1.50E-09	1.27E-04	3.99E-08	1.16E-08	1.88E-05	5.95E-09	1.73E-09	1.19E-04	3.77E-08	1.10E-08	8.76E-06	2.77E-09	8.04E-10
3589 488363.09, 3850377.25	1.28E-04	4.04E-08	1.17E-08	1.67E-05	5.28E-09	1.54E-09	1.31E-04	4.13E-08	1.20E-08	1.93E-05	6.09E-09	1.77E-09	1.23E-04	3.89E-08	1.13E-08	8.99E-06	2.84E-09	8.25E-10
3590 488863.09, 3850377.25	1.34E-04	4.24E-08	1.23E-08	1.76E-05	5.55E-09	1.61E-09	1.37E-04	4.33E-08	1.26E-08	2.02E-05	6.39E-09	1.86E-09	1.29E-04	4.08E-08	1.19E-08	9.44E-06	2.98E-09	8.67E-10
3591 489363.09, 3850377.25	1.38E-04	4.37E-08	1.27E-08	1.77E-05	5.59E-09	1.63E-09	1.41E-04	4.46E-08	1.30E-08	2.04E-05	6.44E-09	1.87E-09	1.34E-04	4.22E-08	1.23E-08	9.54E-06	3.01E-09	8.76E-10
3592 489863.09, 3850377.25	1.38E-04	4.35E-08	1.27E-08	1.77E-05	5.57E-09	1.62E-09	1.41E-04	4.44E-08	1.29E-08	2.03E-05	6.42E-09	1.87E-09	1.33E-04	4.20E-08	1.22E-08	9.52E-06	3.00E-09	8.74E-10
3593 490363.09, 3850377.25	1.39E-04	4.39E-08	1.28E-08	1.80E-05	5.68E-09	1.65E-09	1.42E-04	4.49E-08	1.30E-08	2.07E-05	6.54E-09	1.90E-09	1.34E-04	4.23E-08	1.23E-08	9.70E-06	3.06E-09	8.90E-10
3594 490863.09, 3850377.25	1.43E-04	4.51E-08	1.31E-08	1.82E-05	5.73E-09	1.67E-09	1.46E-04	4.60E-08	1.34E-08	2.09E-05	6.60E-09	1.92E-09	1.38E-04	4.35E-08	1.27E-08	9.79E-06	3.09E-09	8.98E-10
3595 491363.09, 3850377.25	1.44E-04	4.56E-08	1.33E-08	1.86E-05	5.88E-09	1.71E-09	1.48E-04	4.66E-08	1.35E-08	2.15E-05	6.77E-09	1.97E-09	1.39E-04	4.40E-08	1.28E-08	1.00E-05	3.16E-09	9.20E-10
3596 491863.09, 3850377.25	1.42E-04	4.48E-08	1.30E-08	1.85E-05	5.85E-09	1.70E-09	1.45E-04	4.58E-08	1.33E-08	2.14E-05	6.74E-09	1.96E-09	1.37E-04	4.32E-08	1.26E-08	9.97E-06	3.15E-09	9.15E-10
3597 492363.09, 3850377.25	1.40E-04	4.43E-08	1.29E-08	1.83E-05	5.79E-09	1.68E-09	1.43E-04	4.52E-08	1.32E-08	2.11E-05	6.67E-09	1.94E-09	1.35E-04	4.27E-08	1.24E-08	9.87E-06	3.11E-09	9.06E-10
3598 492863.09, 3850377.25	1.44E-04	4.54E-08	1.32E-08	1.88E-05	5.92E-09	1.72E-09	1.47E-04	4.64E-08	1.35E-08	2.16E-05	6.83E-09	1.99E-09	1.39E-04	4.38E-08	1.27E-08	1.01E-05	3.19E-09	9.27E-10
3599 493363.09, 3850377.25	1.46E-04	4.60E-08	1.34E-08	1.90E-05	5.99E-09	1.74E-09	1.49E-04	4.70E-08	1.37E-08	2.19E-05	6.90E-09	2.01E-09	1.41E-04	4.44E-08	1.29E-08	1.02E-05	3.22E-09	9.37E-10
3600 493863.09, 3850377.25	1.61E-04	5.09E-08	1.48E-08	2.16E-05	6.82E-09	1.98E-09	1.65E-04	5.20E-08	1.51E-08	2.49E-05	7.86E-09	2.29E-09	1.55E-04	4.90E-08	1.42E-08	1.16E-05	3.66E-09	1.07E-09
3601 494363.09, 3850377.25	1.76E-04	5.55E-08	1.62E-08	2.41E-05	7.61E-09	2.21E-09	1.80E-04	5.68E-08	1.65E-08	2.78E-05	8.77E-09	2.55E-09	1.69E-04	5.33E-08	1.55E-08	1.29E-05	4.08E-09	1.19E-09
3602 494863.09, 3850377.25	1.98E-04	6.26E-08	1.82E-08	2.80E-05	8.84E-09	2.57E-09	2.03E-04	6.40E-08	1.86E-08	3.23E-05	1.02E-08	2.96E-09	1.90E-04	5.99E-08	1.74E-08	1.50E-05	4.73E-09	1.38E-09
3603 495363.09, 3850377.25	2.23E-04	7.04E-08	2.05E-08	3.29E-05	1.04E-08	3.02E-09	2.29E-04	7.21E-08	2.10E-08	3.80E-05	1.20E-08	3.49E-09	2.13E-04	6.72E-08	1.95E-08	1.76E-05	5.55E-09	1.62E-09
3604 495863.09, 3850377.25	2.25E-04	7.12E-08	2.07E-08	3.31E-05	1.04E-08	3.04E-09	2.31E-04	7.29E-08	2.12E-08	3.81E-05	1.20E-08	3.50E-09	2.15E-04	6.79E-08	1.98E-08	1.77E-05	5.58E-09	1.62E-09
3605 496363.09, 3850377.25	2.47E-04	7.81E-08	2.27E-08	3.82E-05	1.21E-08	3.51E-09	2.54E-04	8.01E-08	2.33E-08	4.41E-05	1.39E-08	4.05E-09	2.35E-04	7.42E-08	2.16E-08	2.04E-05	6.43E-09	1.87E-09
3606 496863.09, 3850377.25	2.67E-04	8.44E-08	2.45E-08	4.33E-05	1.37E-08	3.98E-09	2.75E-04	8.67E-08	2.52E-08	5.00E-05	1.58E-08	4.59E-09	2.53E-04	7.98E-08	2.32E-08	2.30E-05	7.27E-09	2.11E-09
3607 497363.09, 3850377.25	2.79E-04	8.81E-08	2.56E-08	4.62E-05	1.46E-08	4.24E-09	2.87E-04	9.06E-08	2.64E-08	5.33E-05	1.68E-08	4.90E-09	2.64E-04	8.33E-08	2.42E-08	2.45E-05	7.75E-09	2.25E-09
3608 497863.09, 3850377.25	2.85E-04	8.99E-08	2.62E-08	4.68E-05	1.48E-08	4.30E-09	2.93E-04	9.24E-08	2.69E-08	5.41E-05	1.71E-08	4.96E-09	2.69E-04	8.50E-08	2.47E-08	2.49E-05	7.85E-09	2.28E-09
3609 498363.09, 3850377.25	2.91E-04	9.20E-08	2.68E-08	4.71E-05	1.49E-08	4.33E-09	2.99E-04	9.45E-08	2.75E-08	5.44E-05	1.72E-08	4.99E-09	2.76E-04	8.71E-08	2.53E-08	2.51E-05	7.91E-09	2.30E-09
3610 471363.09, 3850877.25	1.61E-04	5.07E-08	1.47E-08	2.49E-05	7.85E-09	2.28E-09	1.65E-04	5.20E-08	1.51E-08	2.87E-05	9.07E-09	2.64E-09	1.53E-04	4.83E-08	1.41E-08	1.31E-05	4.15E-09	1.21E-09
3611 471863.09, 3850877.25	1.75E-04	5.53E-08	1.61E-08	2.62E-05	8.25E-09	2.40E-09	1.80E-04	5.67E-08	1.65E-08	3.02E-05	9.54E-09	2.77E-09	1.68E-04	5.30E-08	1.54E-08	1.38E-05	4.36E-09	1.27E-09
3612 472363.09, 3850877.25	1.99E-04	6.29E-08	1.83E-08	2.78E-05	8.78E-09	2.55E-09	2.04E-04	6.44E-08	1.87E-08	3.21E-05	1.01E-08	2.95E-09	1.92E-04	6.07E-08	1.76E-08	1.47E-05	4.63E-09	1.35E-09
3613 472863.09, 3850877.25	2.28E-04	7.20E-08	2.09E-08	2.90E-05	9.17E-09	2.67E-09	2.33E-04	7.36E-08	2.14E-08	3.36E-05	1.06E-08	3.08E-09	2.22E-04	7.01E-08	2.04E-08	1.53E-05	4.83E-09	1.40E-09
3614 473363.09, 3850877.25	2.23E-04	7.03E-08	2.05E-08	2.86E-05	9.01E-09	2.62E-09	2.28E-04	7.19E-08	2.09E-08	3.30E-05	1.04E-08	3.03E-09	2.17E-04	6.84E-08	1.99E-08	1.50E-05	4.75E-09	1.38E-09
3615 473863.09, 3850877.25	2.51E-04	7.93E-08	2.31E-08	3.10E-05	9.79E-09	2.85E-09	2.56E-04	8.09E-08	2.35E-08	3.59E-05	1.13E-08	3.29E-09	2.45E-04	7.74E-08	2.25E-08	1.63E-05	5.15E-09	1.50E-09
3616 474363.09, 3850877.25	2.82E-04	8.89E-08	2.58E-08	3.37E-05	1.06E-08	3.09E-09	2.87E-04	9.07E-08	2.64E-08	3.90E-05	1.23E-08	3.58E-09	2.76E-04	8.70E-08	2.53E-08	1.77E-05	5.59E-09	1.63E-09
3617 474863.09, 3850877.25	2.93E-04	9.25E-08	2.69E-08	3.64E-05	1.15E-08	3.34E-09	2.99E-04	9.45E-08	2.75E-08	4.21E-05	1.33E-08	3.87E-09	2.86E-04	9.03E-08	2.63E-08	1.91E-05	6.03E-09	1.76E-09
3618 475363.09, 3850877.25	3.03E-04	9.56E-08	2.78E-08	4.00E-05	1.26E-08	3.67E-09	3.10E-04	9.78E-08	2.84E-08	4.63E-05	1.46E-08	4.25E-09	2.94E-04	9.29E-08	2.70E-08	2.10E-05	6.63E-09	1.93E-09
3619 475863.09, 3850877.25	3.11E-04	9.82E-08	2.86E-08	4.42E-05	1.40E-08	4.06E-09	3.19E-04	1.01E-07	2.93E-08	5.12E-05	1.61E-08	4.70E-09	3.00E-04	9.48E-08	2.76E-08	2.32E-05	7.32E-09	2.13E-09
3620 476363.09, 3850877.25	3.15E-04	9.95E-08	2.89E-08	4.76E-05	1.50E-08	4.37E-09	3.23E-04	1.02E-07	2.97E-08	5.51E-05	1.74E-08	5.06E-09	3.03E-04	9.55E-08	2.78E-08	2.50E-05	7.88E-09	2.29E-09
3621 476863.09, 3850877.25	3.13E-04	9.89E-08	2.88E-08	5.02E-05	1.58E-08	4.61E-09	3.22E-04	1.02E-07	2.95E-08	5.81E-05	1.83E-08	5.33E-09	2.99E-04	9.43E-08	2.74E-08	2.63E-05	8.30E-09	2.41E-09
3622 477363.09, 3850877.25	3.16E-04	9.96E-08	2.90E-08	5.15E-05	1.62E-08	4.73E-09	3.24E-04	1.02E-07	2.98E-08	5.96E-05	1.88E-08	5.47E-09	3.00E-04	9.48E-08	2.76E-08	2.70E-05	8.51E-09	2.48E-09
3623 477863.09, 3850877.25	3.48E-04	1.10E-07	3.20E-08	5.19E-05	1.64E-08	4.76E-09	3.57E-04	1.13E-07	3.28E-08	6.00E-05	1.89E-08	5.51E-09	3.35E-04	1.06E-07	3.07E-08	2.72E-05	8.57E-09	2.49E-09
3624 478363.09, 3850877.25	4.13E-04	1.30E-07	3.79E-08	5.19E-05	1.64E-08	4.76E-09	4.22E-04	1.33E-07	3.87E-08	6.00E-05	1.89E-08	5.51E-09	4.03E-04	1.27E-07	3.70E-08	2.72E-05	8.57E-09	2.49E-09
3625 478863.09, 3850877.25	4.59E-04	1.45E-07	4.21E-08	5.11E-05	1.61E-08	4.69E-09	4.68E-04	1.48E-07	4.29E-08	5.91E-05	1.86E-08	5.42E-09	4.52E-04	1.43E-07	4.15E-08	2.67E-05	8.44E-09	2.46E-09
3626 479363.09, 3850877.25	4.42E-04	1.39E-07	4.06E-08	4.98E-05	1.57E-08	4.58E-09	4.50E-04	1.42E-07	4.14E-08	5.77E-05	1.82E-08	5.29E-09	4.35E-04	1.37E-07	3.99E-08	2.61E-05	8.24E-09	2.40E-09

3627	479863.09, 3850877.25	4.12E-04	1.30E-07	3.78E-08	5.63E-05	1.78E-08	5.17E-09	4.22E-04	1.33E-07	3.87E-08	6.52E-05	2.06E-08	5.98E-09	3.99E-04	1.26E-07	3.67E-08	2.95E-05	9.31E-09	2.71E-09
3628	480363.09, 3850877.25	4.21E-04	1.33E-07	3.86E-08	7.46E-05	2.35E-08	6.85E-09	4.33E-04	1.37E-07	3.98E-08	8.63E-05	2.72E-08	7.92E-09	3.97E-04	1.25E-07	3.65E-08	3.90E-05	1.23E-08	3.58E-09
3629	480863.09, 3850877.25	3.97E-04	1.25E-07	3.64E-08	8.50E-05	2.68E-08	7.80E-09	4.11E-04	1.30E-07	3.78E-08	9.83E-05	3.10E-08	9.03E-09	3.66E-04	1.15E-07	3.36E-08	4.44E-05	1.40E-08	4.07E-09
3630	481363.09, 3850877.25	3.37E-04	1.06E-07	3.10E-08	7.19E-05	2.27E-08	6.60E-09	3.49E-04	1.10E-07	3.21E-08	8.32E-05	2.63E-08	7.64E-09	3.11E-04	9.80E-08	2.85E-08	3.76E-05	1.19E-08	3.45E-09
3631	481863.09, 3850877.25	2.85E-04	9.01E-08	2.62E-08	5.83E-05	1.84E-08	5.35E-09	2.95E-04	9.32E-08	2.71E-08	6.75E-05	2.13E-08	6.19E-09	2.64E-04	8.33E-08	2.42E-08	3.06E-05	9.66E-09	2.81E-09
3632	482363.09, 3850877.25	2.32E-04	7.31E-08	2.13E-08	4.67E-05	1.47E-08	4.29E-09	2.40E-04	7.56E-08	2.20E-08	5.40E-05	1.70E-08	4.96E-09	2.14E-04	6.76E-08	1.97E-08	2.46E-05	7.76E-09	2.26E-09
3633	482863.09, 3850877.25	1.93E-04	6.10E-08	1.77E-08	3.70E-05	1.17E-08	3.39E-09	2.00E-04	6.30E-08	1.83E-08	4.27E-05	1.35E-08	3.92E-09	1.80E-04	5.68E-08	1.65E-08	1.95E-05	6.16E-09	1.79E-09
3634	483363.09, 3850877.25	1.59E-04	5.01E-08	1.46E-08	2.73E-05	8.61E-09	2.50E-09	1.63E-04	5.16E-08	1.50E-08	3.15E-05	9.95E-09	2.89E-09	1.49E-04	4.72E-08	1.37E-08	1.45E-05	4.56E-09	1.33E-09
3635	483863.09, 3850877.25	1.54E-04	4.87E-08	1.42E-08	2.54E-05	8.01E-09	2.33E-09	1.58E-04	5.00E-08	1.45E-08	2.93E-05	9.25E-09	2.69E-09	1.46E-04	4.60E-08	1.34E-08	1.35E-05	4.25E-09	1.24E-09
3636	484363.09, 3850877.25	1.73E-04	5.45E-08	1.58E-08	3.05E-05	9.63E-09	2.80E-09	1.78E-04	5.61E-08	1.63E-08	3.52E-05	1.11E-08	3.23E-09	1.62E-04	5.11E-08	1.49E-08	1.62E-05	5.10E-09	1.48E-09
3637	484863.09, 3850877.25	1.69E-04	5.34E-08	1.55E-08	3.07E-05	9.68E-09	2.82E-09	1.74E-04	5.50E-08	1.60E-08	3.54E-05	1.12E-08	3.25E-09	1.58E-04	4.99E-08	1.45E-08	1.63E-05	5.13E-09	1.49E-09
3638	485363.09, 3850877.25	1.78E-04	5.63E-08	1.64E-08	2.98E-05	9.39E-09	2.73E-09	1.83E-04	5.79E-08	1.68E-08	3.43E-05	1.08E-08	3.15E-09	1.68E-04	5.31E-08	1.54E-08	1.58E-05	4.99E-09	1.45E-09
3639	485863.09, 3850877.25	1.68E-04	5.29E-08	1.54E-08	2.46E-05	7.77E-09	2.26E-09	1.72E-04	5.42E-08	1.58E-08	2.84E-05	8.95E-09	2.60E-09	1.60E-04	5.04E-08	1.47E-08	1.32E-05	4.16E-09	1.21E-09
3640	486363.09, 3850877.25	1.70E-04	5.35E-08	1.56E-08	2.40E-05	7.59E-09	2.21E-09	1.74E-04	5.48E-08	1.59E-08	2.77E-05	8.74E-09	2.54E-09	1.62E-04	5.12E-08	1.49E-08	1.29E-05	4.07E-09	1.18E-09
3641	486863.09, 3850877.25	1.65E-04	5.21E-08	1.51E-08	2.28E-05	7.18E-09	2.09E-09	1.69E-04	5.33E-08	1.55E-08	2.62E-05	8.28E-09	2.41E-09	1.58E-04	4.99E-08	1.45E-08	1.22E-05	3.85E-09	1.12E-09
3642	487363.09, 3850877.25	1.50E-04	4.74E-08	1.38E-08	2.04E-05	6.44E-09	1.87E-09	1.53E-04	4.84E-08	1.41E-08	2.35E-05	7.42E-09	2.16E-09	1.44E-04	4.56E-08	1.32E-08	1.09E-05	3.44E-09	1.00E-09
3643	487863.09, 3850877.25	1.46E-04	4.60E-08	1.34E-08	2.03E-05	6.41E-09	1.86E-09	1.49E-04	4.70E-08	1.37E-08	2.34E-05	7.39E-09	2.15E-09	1.40E-04	4.41E-08	1.28E-08	1.08E-05	3.42E-09	9.96E-10
3644	488363.09, 3850877.25	1.52E-04	4.80E-08	1.40E-08	2.16E-05	6.82E-09	1.99E-09	1.56E-04	4.92E-08	1.43E-08	2.49E-05	7.87E-09	2.29E-09	1.46E-04	4.60E-08	1.34E-08	1.16E-05	3.65E-09	1.06E-09
3645	488863.09, 3850877.25	1.58E-04	5.00E-08	1.45E-08	2.19E-05	6.93E-09	2.02E-09	1.62E-04	5.12E-08	1.49E-08	2.53E-05	7.99E-09	2.32E-09	1.52E-04	4.80E-08	1.40E-08	1.18E-05	3.71E-09	1.08E-09
3646	489363.09, 3850877.25	1.65E-04	5.19E-08	1.51E-08	2.23E-05	7.05E-09	2.05E-09	1.68E-04	5.31E-08	1.54E-08	2.57E-05	8.12E-09	2.36E-09	1.58E-04	4.99E-08	1.45E-08	1.20E-05	3.78E-09	1.10E-09
3647	489863.09, 3850877.25	1.65E-04	5.21E-08	1.52E-08	2.27E-05	7.16E-09	2.08E-09	1.69E-04	5.33E-08	1.55E-08	2.62E-05	8.26E-09	2.40E-09	1.59E-04	5.00E-08	1.46E-08	1.22E-05	3.84E-09	1.12E-09
3648	490363.09, 3850877.25	1.71E-04	5.39E-08	1.57E-08	2.33E-05	7.36E-09	2.14E-09	1.75E-04	5.51E-08	1.60E-08	2.69E-05	8.48E-09	2.47E-09	1.64E-04	5.18E-08	1.51E-08	1.25E-05	3.95E-09	1.15E-09
3649	490863.09, 3850877.25	1.76E-04	5.55E-08	1.61E-08	2.43E-05	7.66E-09	2.23E-09	1.80E-04	5.67E-08	1.65E-08	2.80E-05	8.83E-09	2.57E-09	1.69E-04	5.32E-08	1.55E-08	1.30E-05	4.10E-09	1.19E-09
3650	491363.09, 3850877.25	1.75E-04	5.54E-08	1.61E-08	2.48E-05	7.83E-09	2.28E-09	1.80E-04	5.67E-08	1.65E-08	2.86E-05	9.03E-09	2.63E-09	1.68E-04	5.31E-08	1.54E-08	1.33E-05	4.19E-09	1.22E-09
3651	491863.09, 3850877.25	1.75E-04	5.53E-08	1.61E-08	2.53E-05	7.98E-09	2.32E-09	1.79E-04	5.66E-08	1.65E-08	2.92E-05	9.20E-09	2.68E-09	1.68E-04	5.29E-08	1.54E-08	1.35E-05	4.26E-09	1.24E-09
3652	492363.09, 3850877.25	1.78E-04	5.60E-08	1.63E-08	2.55E-05	8.05E-09	2.34E-09	1.82E-04	5.74E-08	1.67E-08	2.94E-05	9.28E-09	2.70E-09	1.70E-04	5.37E-08	1.56E-08	1.36E-05	4.30E-09	1.25E-09
3653	492863.09, 3850877.25	1.84E-04	5.81E-08	1.69E-08	2.64E-05	8.34E-09	2.42E-09	1.88E-04	5.95E-08	1.73E-08	3.05E-05	9.62E-09	2.80E-09	1.76E-04	5.56E-08	1.62E-08	1.41E-05	4.46E-09	1.30E-09
3654	493363.09, 3850877.25	1.94E-04	6.13E-08	1.78E-08	2.81E-05	8.86E-09	2.58E-09	1.99E-04	6.28E-08	1.83E-08	3.24E-05	1.02E-08	2.97E-09	1.86E-04	5.87E-08	1.71E-08	1.50E-05	4.74E-09	1.38E-09
3655	493863.09, 3850877.25	2.15E-04	6.80E-08	1.98E-08	3.22E-05	1.02E-08	2.95E-09	2.21E-04	6.97E-08	2.03E-08	3.71E-05	1.17E-08	3.41E-09	2.05E-04	6.49E-08	1.89E-08	1.72E-05	5.42E-09	1.58E-09
3656	494363.09, 3850877.25	2.31E-04	7.30E-08	2.12E-08	3.51E-05	1.11E-08	3.23E-09	2.37E-04	7.48E-08	2.18E-08	4.05E-05	1.28E-08	3.72E-09	2.20E-04	6.95E-08	2.02E-08	1.88E-05	5.92E-09	1.72E-09
3657	494863.09, 3850877.25	2.56E-04	8.09E-08	2.35E-08	4.03E-05	1.27E-08	3.70E-09	2.63E-04	8.30E-08	2.42E-08	4.65E-05	1.47E-08	4.27E-09	2.43E-04	7.68E-08	2.23E-08	2.14E-05	6.77E-09	1.97E-09
3658	495363.09, 3850877.25	2.83E-04	8.92E-08	2.59E-08	4.59E-05	1.45E-08	4.22E-09	2.90E-04	9.16E-08	2.66E-08	5.30E-05	1.67E-08	4.87E-09	2.67E-04	8.43E-08	2.45E-08	2.44E-05	7.71E-09	2.24E-09
3659	495863.09, 3850877.25	2.92E-04	9.22E-08	2.68E-08	4.82E-05	1.52E-08	4.43E-09	3.00E-04	9.47E-08	2.76E-08	5.57E-05	1.76E-08	5.11E-09	2.76E-04	8.70E-08	2.53E-08	2.56E-05	8.09E-09	2.35E-09
3660	496363.09, 3850877.25	3.05E-04	9.63E-08	2.80E-08	5.17E-05	1.63E-08	4.75E-09	3.14E-04	9.91E-08	2.88E-08	5.97E-05	1.89E-08	5.48E-09	2.88E-04	9.08E-08	2.64E-08	2.75E-05	8.67E-09	2.52E-09
3661	496863.09, 3850877.25	3.27E-04	1.03E-07	3.00E-08	5.69E-05	1.80E-08	5.22E-09	3.37E-04	1.06E-07	3.09E-08	6.57E-05	2.07E-08	6.03E-09	3.07E-04	9.70E-08	2.82E-08	3.01E-05	9.51E-09	2.77E-09
3662	497363.09, 3850877.25	3.35E-04	1.06E-07	3.08E-08	5.80E-05	1.83E-08	5.32E-09	3.45E-04	1.09E-07	3.17E-08	6.69E-05	2.11E-08	6.15E-09	3.15E-04	9.94E-08	2.89E-08	3.07E-05	9.70E-09	2.82E-09
3663	497863.09, 3850877.25	3.40E-04	1.07E-07	3.12E-08	5.76E-05	1.82E-08	5.29E-09	3.49E-04	1.10E-07	3.21E-08	6.66E-05	2.10E-08	6.11E-09	3.20E-04	1.01E-07	2.94E-08	3.06E-05	9.65E-09	2.81E-09
3664	498363.09, 3850877.25	3.43E-04	1.08E-07	3.15E-08	5.71E-05	1.80E-08	5.24E-09	3.53E-04	1.11E-07	3.24E-08	6.59E-05	2.08E-08	6.05E-09	3.24E-04	1.02E-07	2.98E-08	3.03E-05	9.56E-09	2.78E-09
3665	471363.09, 3851377.25	1.71E-04	5.41E-08	1.57E-08	2.78E-05	8.78E-09	2.55E-09	1.76E-04	5.56E-08	1.62E-08	3.21E-05	1.01E-08	2.95E-09	1.63E-04	5.13E-08	1.49E-08	1.47E-05	4.64E-09	1.35E-09
3666	471863.09, 3851377.25	2.03E-04	6.41E-08	1.86E-08	3.28E-05	1.04E-08	3.01E-09	2.09E-04	6.58E-08	1.91E-08	3.79E-05	1.20E-08	3.48E-09	1.93E-04	6.09E-08	1.77E-08	1.73E-05	5.46E-09	1.59E-09
3667	472363.09, 3851377.25	2.08E-04	6.56E-08	1.91E-08	3.32E-05	1.05E-08	3.05E-09	2.13E-04	6.74E-08	1.96E-08	3.84E-05	1.21E-08	3.52E-09	1.98E-04	6.24E-08	1.82E-08	1.75E-05	5.52E-09	1.61E-09
3668	472863.09, 3851377.25	2.13E-04	6.72E-08	1.95E-08	3.30E-05	1.04E-08	3.03E-09	2.18E-04	6.89E-08	2.00E-08	3.82E-05	1.21E-08	3.51E-09	2.03E-04	6.41E-08	1.86E-08	1.74E-05	5.49E-09	1.60E-09
3669	473363.09, 3851377.25	1.99E-04	6.28E-08	1.83E-08	3.03E-05	9.55E-09	2.78E-09	2.04E-04	6.44E-08	1.87E-08	3.50E-05	1.10E-08	3.21E-09	1.90E-04	6.01E-08	1.75E-08	1.60E-05	5.03E-09	1.46E-09
3670	473863.09, 3851377.25	2.13E-04	6.71E-08	1.95E-08	3.07E-05	9.70E-09	2.82E-09	2.18E-04	6.87E-08	2.00E-08	3.55E-05	1.12E-08	3.26E-09	2.04E-04	6.45E-08	1.88E-08	1.62E-05	5.11E-09	1.49E-09
3671	474363.09, 3851377.25	2.54E-04	8.03E-08	2.34E-08	3.39E-05	1.07E-08	3.11E-09	2.60E-04	8.21E-08	2.39E-08	3.92E-05	1.24E-08	3.60E-09	2.47E-04	7.79E-08	2.27E-08	1.78E-05	5.63E-09	1.64E-09
3672	474863.09, 3851377.25	2.91E-04	9.17E-08	2.67E-08	3.64E-05	1.15E-08	3.35E-09	2.97E-04	9.37E-08	2.72E-08	4.21E-05	1.33E-08	3.87E-09	2.83E-04	8.94E-08	2.60E-08	1.92E-05	6.04E-09	1.76E-09
3673	475363.09, 3851377.25	3.15E-04	9.95E-08	2.90E-08	3.91E-05	1.23E-08	3.59E-09	3.22E-04	1.02E-07	2.96E-08	4.52E-05	1.43E-08	4.15E-09	3.08E-04	9.72E-08	2.83E-08	2.05E-05	6.47E-09	1.88E-09
3674	475863.09, 3851377.25	3.29E-04	1.04E-07	3.02E-08	4.24E-05	1.34E-08	3.89E-09	3.37E-04	1.06E-07	3.09E-08	4.90E-05	1.55E-08	4.50E-09	3.21E-04	1.01E-07	2.94E-08	2.22E-05	7.02E-09	2.04E-09
3675	476363.09, 3851377.25	3.41E-04	1.08E-07	3.13E-08	4.70E-05	1.48E-08	4.31E-09	3.49E-04	1.10E-07	3.20E-08	5.43E-05	1.71E-08	4.99E-09	3.30E-04	1.04E-07	3.03E-08	2.46E-05	7.77E-09	2.26E-09
3676	476863.09, 3851377.25	3.40E-04	1.07E-07	3.12E-08	5.22E-05	1.65E-08	4.79E-09	3.49E-04	1.10E-07	3.20E-08	6.04E-05	1.91E-08	5.54E-09	3.26E-04	1.03E-07	2.99E-08	2.74E-05	8.63E-09	2.51E-09
3677	477363.09, 3851377.25	3.56E-04	1.12E-07	3.27E-08	5.65E-05	1.78E-08	5.19E-09	3.66E-04	1.15E-07	3.36E-08	6.53E-05	2.06E-08	6.00E-09	3.40E-04	1.07E-07	3.12E-08	2.96E-05	9.33E-09	2.72E-09
3678	477863.09, 3851377.25	3.60E-04	1.14E-07	3.30E-08	5.95E-05	1.88E-08	5.47E-09	3.70E-04	1.17E-07	3.40E-08	6.89E-05	2.17E-08	6.32E-09	3.42E-04	1.08E-07	3.14E-08	3.12E-05	9.84E-09	2.86E-09
3679	478363.09, 3851377.25	3.90E-04	1.23E-07	3.58E-08	6.09E-05	1.92E-08	5.59E-09	4.00E-04	1.26E-07	3.67E-08	7.04E-05	2.22E-08	6.46E-09	3.73E-04	1.18E-07	3.43E-08	3.19E-05	1.01E-08	2.92E-09
3680	478863.09, 3851377.25	4.69E-04	1.48E-07	4.31E-08	6.11E-05	1.93E-08	5.61E-09	4.80E-04	1.51E-07	4.40E-08	7.07E-05	2.23E-08	6.49E-09	4.57E-04	1.44E-07	4.19E-08	3.20E-05	1.01E-08	2.93E-09
3681	479363.09, 3851377.25	5.19E-04	1.64E-07	4.76E-08	6.06E-05	1.91E-08	5.56E-09	5.29E-04	1.67E-07	4.86E-08	7.01E-05	2.21E-08	6.43E-09	5.09E-04	1.61E-07	4.68E-08	3.17E-05	1.00E-08	2.91E-09
3682	479863.09, 3851377.25	5.11E-04	1.61E-07	4.69E-08	5.88E-05	1.86E-08	5.40E-09	5.21E-04	1.65E-07	4.79E-08	6.81E-05	2.15E-08	6.25E-09	5.02E-04	1.59E-07	4.61E-08	3.08E-05	9.72E-09	2.83E-09
3683	480363.09, 3851377.25	4.94E-04	1.56E-07	4.53E-08	6.47E-05	2.04E-08	5.94E-09	5.05E-04	1.59E-07	4.63E-08	7.48E-05	2.36E-08	6.87E-09	4.80E-04	1.52E-07	4.41E-08	3.38E-05	1.07E-08	3.11E-09
3684	480863.09, 3851377.25	4.98E-04	1.57E-07	4.57E-08	8.69E-05	2.74E-08	7.98E-09	5.13E-04	1.62E-07	4.71E-08	1.01E-04	3.18E-08	9.24E-09	4.71E-04	1.49E-07	4.32E-08	4.54E-05	1.43E-08	4.17E-09
3685	481363.09, 3851377.25	4.58E-04	1.45E-07	4.20E-08	9.78E-05	3.09E-08	8.98E-09	4.75E-04	1.50E-07	4.36E-08	1.13E-04	3.57E-08	1.04E-08	4.22E-04	1.33E-07	3.88E-08	5.11E-05	1.61E-08	4.69E-09
3686	481863.09, 3851377.25	3.86E-04	1.22E-07	3.54E-08	8.31E-05	2.62E-08	7.63E-09	4.00E-04	1.26E-07	3.67E-08	9.62E-05	3.04E-08	8.83E-09	3.55E-04	1.12E-07	3.26E-08	4.35E-05	1.37E-08	3.99E-09
3687	482363.09, 3851377.25	3.36E-04	1.06E-07	3.09E-08	7.10E-05	2.24E-08	6.51E-09	3.49E-04	1.10E-07	3.20E-08	8.21E-05	2.59E-08	7.54E-09	3.10E-04	9.78E-08	2.85E-08	3.72E-05	1.17E-08	3.42E-09
3688	482863.09, 3851377.25	2.71E-04	8.54E-08	2.48E-08	5.86E-05	1.85E-08	5.38E-09	2.81E-04	8.86E-08	2.58E-08	6.78E-05	2.14E-08	6.23E-09	2.48E-04	7.83E-08	2.28E-08	3.08E-05	9.73E-09	2.83E-09
3689	483363.09, 3851377.25	2.05E-04	6.46E-08	1.88E-08	4.03E-05	1.27E-08	3.70E-09	2.11E-04	6.67E-08	1.94E-08	4.66E-05	1.47E-08	4.28E-09	1.90E-04	5.99E-08	1.74E-08	2.13E-05	6.71E-09	1.95E-09
3690	483863.09, 3851377.25	1.85E-04	5.85E-08	1.70E-08	3.43E-05	1.08E-08	3.15E-09	1.91E-04	6.04E-08	1.76E-08	3.96E-05	1.25E-08	3.64E-09	1.73E-04	5.46E-08	1.59E-08	1.81E-05	5.72E-09	1.67E-09
3691	484363.09, 3851377.25	2.25E-04	7.11E-08	2.07E-08	4.33E-05	1.37E-08	3.98E-09	2.33E-04	7.34E-08	2.14E-08	5.01E-05	1.58E-08	4.60E-09	2.09E-04	6.60E-08	1.92E-08	2.29E-05	7.23E-09	2.10E-09
3692	484863.09, 3851377.25	1.76E-04	5.55E-08	1.61E-08	3.15E-05	9.96E-09	2.90E-09	1.81E-04	5.72E-08	1.66E-08	3.64E-05	1.15E-08	3.34E-09	1.65E-04	5.20E-08	1.51E-08	1.67E-05	5.28E-09	1.54E-09

3693 485363.09, 3851377.25	2.09E-04	6.59E-08	1.92E-08	3.90E-05	1.23E-08	3.58E-09	2.15E-04	6.80E-08	1.98E-08	4.51E-05	1.42E-08	4.14E-09	1.95E-04	6.14E-08	1.79E-08	2.06E-05	6.52E-09	1.90E-09
3694 485863.09, 3851377.25	1.96E-04	6.19E-08	1.80E-08	3.11E-05	9.82E-09	2.86E-09	2.01E-04	6.35E-08	1.85E-08	3.59E-05	1.13E-08	3.30E-09	1.86E-04	5.86E-08	1.70E-08	1.66E-05	5.24E-09	1.52E-09
3695 486363.09, 3851377.25	2.06E-04	6.51E-08	1.89E-08	3.09E-05	9.76E-09	2.84E-09	2.11E-04	6.67E-08	1.94E-08	3.57E-05	1.13E-08	3.28E-09	1.96E-04	6.19E-08	1.80E-08	1.65E-05	5.22E-09	1.52E-09
3696 486863.09, 3851377.25	1.98E-04	6.25E-08	1.82E-08	2.85E-05	9.00E-09	2.62E-09	2.03E-04	6.40E-08	1.86E-08	3.29E-05	1.04E-08	3.02E-09	1.89E-04	5.97E-08	1.74E-08	1.53E-05	4.82E-09	1.40E-09
3697 487363.09, 3851377.25	1.69E-04	5.34E-08	1.55E-08	2.33E-05	7.35E-09	2.14E-09	1.73E-04	5.47E-08	1.59E-08	2.69E-05	8.48E-09	2.47E-09	1.63E-04	5.14E-08	1.49E-08	1.25E-05	3.93E-09	1.14E-09
3698 487863.09, 3851377.25	1.74E-04	5.50E-08	1.60E-08	2.63E-05	8.30E-09	2.41E-09	1.79E-04	5.64E-08	1.64E-08	3.03E-05	9.58E-09	2.79E-09	1.66E-04	5.25E-08	1.53E-08	1.40E-05	4.42E-09	1.28E-09
3699 488363.09, 3851377.25	1.85E-04	5.85E-08	1.70E-08	2.82E-05	8.90E-09	2.59E-09	1.90E-04	6.00E-08	1.74E-08	3.25E-05	1.03E-08	2.99E-09	1.77E-04	5.57E-08	1.62E-08	1.50E-05	4.74E-09	1.38E-09
3700 488863.09, 3851377.25	1.95E-04	6.15E-08	1.79E-08	2.84E-05	8.96E-09	2.61E-09	1.99E-04	6.30E-08	1.83E-08	3.27E-05	1.03E-08	3.01E-09	1.86E-04	5.88E-08	1.71E-08	1.51E-05	4.78E-09	1.39E-09
3701 489363.09, 3851377.25	2.01E-04	6.33E-08	1.84E-08	2.89E-05	9.12E-09	2.65E-09	2.06E-04	6.49E-08	1.89E-08	3.33E-05	1.05E-08	3.06E-09	1.92E-04	6.06E-08	1.76E-08	1.54E-05	4.87E-09	1.42E-09
3702 489863.09, 3851377.25	2.04E-04	6.44E-08	1.87E-08	2.97E-05	9.38E-09	2.73E-09	2.09E-04	6.59E-08	1.92E-08	3.43E-05	1.08E-08	3.15E-09	1.95E-04	6.15E-08	1.79E-08	1.59E-05	5.01E-09	1.46E-09
3703 490363.09, 3851377.25	2.12E-04	6.70E-08	1.95E-08	3.12E-05	9.85E-09	2.87E-09	2.18E-04	6.87E-08	2.00E-08	3.60E-05	1.14E-08	3.31E-09	2.03E-04	6.40E-08	1.86E-08	1.67E-05	5.26E-09	1.53E-09
3704 490863.09, 3851377.25	2.18E-04	6.89E-08	2.01E-08	3.32E-05	1.05E-08	3.05E-09	2.24E-04	7.07E-08	2.06E-08	3.84E-05	1.21E-08	3.52E-09	2.08E-04	6.57E-08	1.91E-08	1.77E-05	5.59E-09	1.63E-09
3705 491363.09, 3851377.25	2.19E-04	6.90E-08	2.01E-08	3.42E-05	1.08E-08	3.14E-09	2.24E-04	7.08E-08	2.06E-08	3.95E-05	1.25E-08	3.62E-09	2.08E-04	6.56E-08	1.91E-08	1.82E-05	5.74E-09	1.67E-09
3706 491863.09, 3851377.25	2.22E-04	7.00E-08	2.04E-08	3.50E-05	1.11E-08	3.22E-09	2.28E-04	7.19E-08	2.09E-08	4.05E-05	1.28E-08	3.71E-09	2.11E-04	6.65E-08	1.94E-08	1.86E-05	5.88E-09	1.71E-09
3707 492363.09, 3851377.25	2.31E-04	7.28E-08	2.12E-08	3.67E-05	1.16E-08	3.37E-09	2.37E-04	7.47E-08	2.17E-08	4.24E-05	1.34E-08	3.89E-09	2.19E-04	6.91E-08	2.01E-08	1.95E-05	6.15E-09	1.79E-09
3708 492863.09, 3851377.25	2.38E-04	7.51E-08	2.18E-08	3.79E-05	1.20E-08	3.48E-09	2.44E-04	7.71E-08	2.24E-08	4.37E-05	1.38E-08	4.01E-09	2.26E-04	7.13E-08	2.07E-08	2.01E-05	6.35E-09	1.85E-09
3709 493363.09, 3851377.25	2.35E-04	7.42E-08	2.16E-08	3.62E-05	1.14E-08	3.32E-09	2.41E-04	7.61E-08	2.21E-08	4.17E-05	1.32E-08	3.83E-09	2.24E-04	7.06E-08	2.05E-08	1.93E-05	6.09E-09	1.77E-09
3710 493863.09, 3851377.25	2.59E-04	8.18E-08	2.38E-08	4.12E-05	1.30E-08	3.78E-09	2.66E-04	8.40E-08	2.44E-08	4.75E-05	1.50E-08	4.36E-09	2.46E-04	7.76E-08	2.26E-08	2.19E-05	6.92E-09	2.01E-09
3711 494363.09, 3851377.25	3.01E-04	9.49E-08	2.76E-08	5.05E-05	1.59E-08	4.63E-09	3.09E-04	9.76E-08	2.84E-08	5.83E-05	1.84E-08	5.35E-09	2.83E-04	8.95E-08	2.60E-08	2.68E-05	8.46E-09	2.46E-09
3712 494863.09, 3851377.25	3.19E-04	1.01E-07	2.93E-08	5.41E-05	1.71E-08	4.97E-09	3.28E-04	1.04E-07	3.01E-08	6.25E-05	1.97E-08	5.74E-09	3.01E-04	9.49E-08	2.76E-08	2.87E-05	9.07E-09	2.64E-09
3713 495363.09, 3851377.25	3.60E-04	1.14E-07	3.31E-08	6.39E-05	2.02E-08	5.87E-09	3.71E-04	1.17E-07	3.41E-08	7.39E-05	2.33E-08	6.78E-09	3.38E-04	1.07E-07	3.10E-08	3.39E-05	1.07E-08	3.11E-09
3714 495863.09, 3851377.25	3.77E-04	1.19E-07	3.46E-08	6.85E-05	2.16E-08	6.29E-09	3.88E-04	1.23E-07	3.56E-08	7.91E-05	2.50E-08	7.26E-09	3.52E-04	1.11E-07	3.23E-08	3.62E-05	1.14E-08	3.33E-09
3715 496363.09, 3851377.25	3.87E-04	1.22E-07	3.56E-08	7.10E-05	2.24E-08	6.52E-09	3.99E-04	1.26E-07	3.67E-08	8.20E-05	2.59E-08	7.53E-09	3.62E-04	1.14E-07	3.33E-08	3.75E-05	1.18E-08	3.45E-09
3716 496863.09, 3851377.25	3.96E-04	1.25E-07	3.64E-08	7.20E-05	2.27E-08	6.61E-09	4.09E-04	1.29E-07	3.75E-08	8.32E-05	2.63E-08	7.64E-09	3.71E-04	1.17E-07	3.41E-08	3.81E-05	1.20E-08	3.50E-09
3717 497363.09, 3851377.25	4.05E-04	1.28E-07	3.72E-08	7.25E-05	2.29E-08	6.65E-09	4.17E-04	1.32E-07	3.83E-08	8.37E-05	2.64E-08	7.68E-09	3.79E-04	1.20E-07	3.48E-08	3.83E-05	1.21E-08	3.52E-09
3718 497863.09, 3851377.25	4.08E-04	1.29E-07	3.75E-08	7.18E-05	2.27E-08	6.59E-09	4.21E-04	1.33E-07	3.86E-08	8.29E-05	2.62E-08	7.61E-09	3.83E-04	1.21E-07	3.52E-08	3.80E-05	1.20E-08	3.49E-09
3719 498363.09, 3851377.25	4.02E-04	1.27E-07	3.69E-08	6.84E-05	2.16E-08	6.28E-09	4.13E-04	1.30E-07	3.79E-08	7.90E-05	2.49E-08	7.25E-09	3.78E-04	1.19E-07	3.47E-08	3.63E-05	1.15E-08	3.33E-09
3720 471363.09, 3851877.25	1.87E-04	5.90E-08	1.72E-08	2.90E-05	9.14E-09	2.66E-09	1.92E-04	6.05E-08	1.76E-08	3.35E-05	1.06E-08	3.07E-09	1.78E-04	5.62E-08	1.64E-08	1.53E-05	4.83E-09	1.41E-09
3721 471863.09, 3851877.25	1.84E-04	5.80E-08	1.69E-08	2.92E-05	9.20E-09	2.68E-09	1.89E-04	5.95E-08	1.73E-08	3.37E-05	1.06E-08	3.09E-09	1.75E-04	5.51E-08	1.60E-08	1.54E-05	4.86E-09	1.41E-09
3722 472363.09, 3851877.25	2.02E-04	6.37E-08	1.85E-08	3.29E-05	1.04E-08	3.02E-09	2.08E-04	6.55E-08	1.91E-08	3.80E-05	1.20E-08	3.49E-09	1.92E-04	6.05E-08	1.76E-08	1.74E-05	5.48E-09	1.59E-09
3723 472863.09, 3851877.25	2.20E-04	6.95E-08	2.02E-08	3.62E-05	1.14E-08	3.32E-09	2.26E-04	7.15E-08	2.08E-08	4.18E-05	1.32E-08	3.84E-09	2.09E-04	6.60E-08	1.92E-08	1.91E-05	6.02E-09	1.75E-09
3724 473363.09, 3851877.25	2.12E-04	6.69E-08	1.94E-08	3.53E-05	1.11E-08	3.24E-09	2.18E-04	6.88E-08	2.00E-08	4.08E-05	1.29E-08	3.75E-09	2.01E-04	6.33E-08	1.84E-08	1.86E-05	5.87E-09	1.71E-09
3725 473863.09, 3851877.25	2.16E-04	6.82E-08	1.98E-08	3.59E-05	1.13E-08	3.30E-09	2.22E-04	7.01E-08	2.04E-08	4.15E-05	1.31E-08	3.81E-09	2.05E-04	6.46E-08	1.88E-08	1.89E-05	5.97E-09	1.74E-09
3726 474363.09, 3851877.25	2.46E-04	7.77E-08	2.26E-08	3.91E-05	1.23E-08	3.59E-09	2.53E-04	7.98E-08	2.32E-08	4.52E-05	1.43E-08	4.15E-09	2.35E-04	7.40E-08	2.15E-08	2.06E-05	6.49E-09	1.89E-09
3727 474863.09, 3851877.25	2.85E-04	8.99E-08	2.61E-08	4.13E-05	1.30E-08	3.79E-09	2.92E-04	9.21E-08	2.68E-08	4.77E-05	1.51E-08	4.38E-09	2.74E-04	8.65E-08	2.52E-08	2.17E-05	6.85E-09	1.99E-09
3728 475363.09, 3851877.25	3.12E-04	9.83E-08	2.86E-08	4.22E-05	1.33E-08	3.87E-09	3.19E-04	1.01E-07	2.93E-08	4.88E-05	1.54E-08	4.48E-09	3.02E-04	9.53E-08	2.77E-08	2.22E-05	7.00E-09	2.03E-09
3729 475863.09, 3851877.25	3.26E-04	1.03E-07	2.99E-08	4.33E-05	1.37E-08	3.97E-09	3.33E-04	1.05E-07	3.06E-08	5.01E-05	1.58E-08	4.60E-09	3.16E-04	9.99E-08	2.91E-08	2.27E-05	7.17E-09	2.09E-09
3730 476363.09, 3851877.25	3.13E-04	9.88E-08	2.87E-08	4.43E-05	1.40E-08	4.06E-09	3.21E-04	1.01E-07	2.94E-08	5.12E-05	1.62E-08	4.70E-09	3.02E-04	9.54E-08	2.77E-08	2.32E-05	7.33E-09	2.13E-09
3731 476863.09, 3851877.25	3.39E-04	1.07E-07	3.11E-08	4.89E-05	1.54E-08	4.49E-09	3.48E-04	1.10E-07	3.19E-08	5.66E-05	1.79E-08	5.19E-09	3.27E-04	1.03E-07	3.00E-08	2.56E-05	8.09E-09	2.35E-09
3732 477363.09, 3851877.25	3.62E-04	1.14E-07	3.33E-08	5.55E-05	1.75E-08	5.10E-09	3.72E-04	1.17E-07	3.41E-08	6.43E-05	2.03E-08	5.90E-09	3.47E-04	1.10E-07	3.19E-08	2.91E-05	9.18E-09	2.67E-09
3733 477863.09, 3851877.25	3.72E-04	1.18E-07	3.42E-08	6.27E-05	1.98E-08	5.76E-09	3.83E-04	1.21E-07	3.52E-08	7.25E-05	2.29E-08	6.66E-09	3.53E-04	1.12E-07	3.25E-08	3.28E-05	1.04E-08	3.01E-09
3734 478363.09, 3851877.25	3.68E-04	1.16E-07	3.37E-08	6.86E-05	2.17E-08	6.30E-09	3.79E-04	1.20E-07	3.48E-08	7.94E-05	2.51E-08	7.29E-09	3.45E-04	1.09E-07	3.17E-08	3.59E-05	1.13E-08	3.30E-09
3735 478863.09, 3851877.25	4.11E-04	1.30E-07	3.77E-08	7.21E-05	2.28E-08	6.62E-09	4.23E-04	1.34E-07	3.88E-08	8.35E-05	2.64E-08	7.66E-09	3.88E-04	1.23E-07	3.56E-08	3.77E-05	1.19E-08	3.46E-09
3736 479363.09, 3851877.25	5.24E-04	1.66E-07	4.81E-08	7.34E-05	2.32E-08	6.74E-09	5.37E-04	1.69E-07	4.93E-08	8.49E-05	2.68E-08	7.79E-09	5.07E-04	1.60E-07	4.66E-08	3.84E-05	1.21E-08	3.52E-09
3737 479863.09, 3851877.25	6.00E-04	1.89E-07	5.50E-08	7.31E-05	2.31E-08	6.71E-09	6.12E-04	1.93E-07	5.62E-08	8.46E-05	2.67E-08	7.76E-09	5.87E-04	1.85E-07	5.39E-08	3.82E-05	1.21E-08	3.51E-09
3738 480363.09, 3851877.25	5.84E-04	1.84E-07	5.36E-08	7.13E-05	2.25E-08	6.54E-09	5.96E-04	1.88E-07	5.47E-08	8.25E-05	2.60E-08	7.57E-09	5.72E-04	1.80E-07	5.25E-08	3.73E-05	1.18E-08	3.42E-09
3739 480863.09, 3851877.25	5.71E-04	1.80E-07	5.24E-08	7.58E-05	2.39E-08	6.96E-09	5.84E-04	1.84E-07	5.36E-08	8.77E-05	2.77E-08	8.05E-09	5.55E-04	1.75E-07	5.09E-08	3.96E-05	1.25E-08	3.64E-09
3740 481363.09, 3851877.25	5.77E-04	1.82E-07	5.30E-08	1.03E-04	3.24E-08	9.43E-09	5.95E-04	1.88E-07	5.46E-08	1.19E-04	3.75E-08	1.09E-08	5.45E-04	1.72E-07	5.00E-08	5.36E-05	1.69E-08	4.92E-09
3741 481863.09, 3851877.25	5.16E-04	1.63E-07	4.74E-08	1.17E-04	3.68E-08	1.07E-08	5.36E-04	1.69E-07	4.92E-08	1.35E-04	4.26E-08	1.24E-08	4.72E-04	1.49E-07	4.33E-08	6.09E-05	1.92E-08	5.59E-09
3742 482363.09, 3851877.25	3.83E-04	1.21E-07	3.51E-08	9.14E-05	2.88E-08	8.39E-09	3.98E-04	1.26E-07	3.66E-08	1.06E-04	3.34E-08	9.71E-09	3.46E-04	1.09E-07	3.18E-08	4.78E-05	1.51E-08	4.39E-09
3743 482863.09, 3851877.25	2.90E-04	9.14E-08	2.66E-08	6.41E-05	2.02E-08	5.88E-09	3.01E-04	9.49E-08	2.76E-08	7.41E-05	2.34E-08	6.80E-09	2.65E-04	8.35E-08	2.43E-08	3.37E-05	1.06E-08	3.09E-09
3744 483363.09, 3851877.25	2.88E-04	9.07E-08	2.64E-08	6.42E-05	2.03E-08	5.90E-09	2.98E-04	9.42E-08	2.74E-08	7.43E-05	2.34E-08	6.82E-09	2.62E-04	8.28E-08	2.41E-08	3.37E-05	1.07E-08	3.10E-09
3745 483863.09, 3851877.25	2.57E-04	8.10E-08	2.36E-08	5.63E-05	1.78E-08	5.17E-09	2.66E-04	8.40E-08	2.44E-08	6.51E-05	2.06E-08	5.98E-09	2.35E-04	7.41E-08	2.15E-08	2.96E-05	9.35E-09	2.72E-09
3746 484363.09, 3851877.25	2.78E-04	8.78E-08	2.55E-08	5.96E-05	1.88E-08	5.47E-09	2.88E-04	9.10E-08	2.65E-08	6.89E-05	2.18E-08	6.33E-09	2.55E-04	8.04E-08	2.34E-08	3.14E-05	9.91E-09	2.88E-09
3747 484863.09, 3851877.25	2.53E-04	7.98E-08	2.32E-08	5.27E-05	1.66E-08	4.84E-09	2.62E-04	8.26E-08	2.40E-08	6.09E-05	1.92E-08	5.59E-09	2.32E-04	7.33E-08	2.13E-08	2.78E-05	8.77E-09	2.55E-09
3748 485363.09, 3851877.25	2.49E-04	7.85E-08	2.28E-08	5.00E-05	1.58E-08	4.59E-09	2.57E-04	8.12E-08	2.36E-08	5.77E-05	1.82E-08	5.30E-09	2.30E-04	7.25E-08	2.11E-08	2.64E-05	8.32E-09	2.42E-09
3749 485863.09, 3851877.25	2.59E-04	8.19E-08	2.38E-08	4.83E-05	1.52E-08	4.43E-09	2.68E-04	8.44E-08	2.46E-08	5.58E-05	1.76E-08	5.12E-09	2.42E-04	7.63E-08	2.22E-08	2.56E-05	8.06E-09	2.35E-09
3750 486363.09, 3851877.25	2.41E-04	7.62E-08	2.22E-08	3.79E-05	1.20E-08	3.48E-09	2.48E-04	7.82E-08	2.27E-08	4.38E-05	1.38E-08	4.02E-09	2.29E-04	7.22E-08	2.10E-08	2.02E-05	6.39E-09	1.86E-09
3751 486863.09, 3851877.25	2.38E-04	7.50E-08	2.18E-08	3.56E-05	1.12E-08	3.26E-09	2.44E-04	7.69E-08	2.24E-08	4.10E-05	1.29E-08	3.76E-09	2.26E-04	7.14E-08	2.08E-08	1.90E-05	5.99E-09	1.74E-09
3752 487363.09, 3851877.25	2.23E-04	7.04E-08	2.05E-08	3.45E-05	1.09E-08	3.17E-09	2.29E-04	7.23E-08	2.10E-08	3.98E-05	1.26E-08	3.65E-09	2.12E-04	6.70E-08	1.95E-08	1.83E-05	5.79E-09	1.68E-09
3753 487863.09, 3851877.25	2.04E-04	6.43E-08	1.87E-08	3.10E-05	9.78E-09	2.85E-09	2.09E-04	6.59E-08	1.92E-08	3.58E-05	1.13E-08	3.28E-09	1.94E-04	6.13E-08	1.78E-08	1.65E-05	5.20E-09	1.51E-09
3754 488363.09, 3851877.25	2.17E-04	6.84E-08	1.99E-08	3.25E-05	1.03E-08	2.99E-09	2.22E-04	7.01E-08	2.04E-08	3.75E-05	1.18E-08	3.45E-09	2.07E-04	6.53E-08	1.90E-08	1.73E-05	5.47E-09	1.59E-09
3755 488863.09, 3851877.25	2.22E-04	7.00E-08	2.04E-08	3.15E-05	9.95E-09	2.89E-09	2.27E-04	7.17E-08	2.09E-08	3.64E-05	1.15E-08	3.34E-09	2.13E-04	6.71E-08	1.95E-08	1.68E-05	5.31E-09	1.55E-09
3756 489363.09, 3851877.25	2.26E-04	7.14E-08	2.08E-08	3.23E-05	1.02E-08	2.96E-09	2.32E-04	7.32E-08	2.13E-08	3.72E-05	1.17E-08	3.42E-09	2.17E-04	6.85E-08	1.99E-08	1.72E-05	5.44E-09	1.58E-09
3757 489863.09, 3851877.25	2.34E-04	7.37E-08	2.14E-08	3.47E-05	1.10E-08	3.19E-09	2.39E-04	7.56E-08	2.20E-08	4.00E-05	1.26E-08	3.68E-09	2.23E-04	7.04E-08	2.05E-08	1.85E-05	5.84E-09	1.70E-09
3758 490363.09, 3851877.25	2.50E-04	7.88E-08	2.29E-08	3.89E-05	1.23E-08	3.57E-09	2.56E-04	8.09E-08	2.35E-08	4.49E-05	1.42E-08	4.12E-09	2.37E-04	7.50E-08	2.18E-08	2.07E-05	6.53E-09	1.90E-09

3759 490863.09, 3851877.25	2.65E-04	8.35E-08	2.43E-08	4.32E-05	1.36E-08	3.97E-09	2.72E-04	8.58E-08	2.50E-08	4.99E-05	1.58E-08	4.58E-09	2.51E-04	7.91E-08	2.30E-08	2.29E-05	7.24E-09	2.11E-09
3760 491363.09, 3851877.25	2.80E-04	8.83E-08	2.57E-08	4.77E-05	1.50E-08	4.38E-09	2.88E-04	9.08E-08	2.64E-08	5.51E-05	1.74E-08	5.06E-09	2.64E-04	8.32E-08	2.42E-08	2.53E-05	7.97E-09	2.32E-09
3761 491863.09, 3851877.25	2.95E-04	9.32E-08	2.71E-08	5.18E-05	1.63E-08	4.75E-09	3.04E-04	9.60E-08	2.79E-08	5.98E-05	1.89E-08	5.49E-09	2.78E-04	8.77E-08	2.55E-08	2.74E-05	8.65E-09	2.52E-09
3762 492363.09, 3851877.25	3.02E-04	9.54E-08	2.77E-08	5.34E-05	1.69E-08	4.90E-09	3.11E-04	9.82E-08	2.86E-08	6.17E-05	1.95E-08	5.67E-09	2.84E-04	8.96E-08	2.61E-08	2.83E-05	8.92E-09	2.60E-09
3763 492863.09, 3851877.25	2.90E-04	9.14E-08	2.66E-08	4.90E-05	1.55E-08	4.50E-09	2.98E-04	9.40E-08	2.74E-08	5.66E-05	1.79E-08	5.20E-09	2.73E-04	8.62E-08	2.51E-08	2.60E-05	8.21E-09	2.39E-09
3764 493363.09, 3851877.25	3.40E-04	1.07E-07	3.12E-08	6.08E-05	1.92E-08	5.58E-09	3.50E-04	1.10E-07	3.21E-08	7.03E-05	2.22E-08	6.45E-09	3.18E-04	1.00E-07	2.92E-08	3.22E-05	1.02E-08	2.96E-09
3765 493863.09, 3851877.25	3.97E-04	1.25E-07	3.65E-08	7.43E-05	2.34E-08	6.82E-09	4.10E-04	1.29E-07	3.76E-08	8.58E-05	2.71E-08	7.88E-09	3.71E-04	1.17E-07	3.40E-08	3.93E-05	1.24E-08	3.60E-09
3766 494363.09, 3851877.25	4.03E-04	1.27E-07	3.70E-08	7.42E-05	2.34E-08	6.81E-09	4.16E-04	1.31E-07	3.82E-08	8.57E-05	2.71E-08	7.87E-09	3.76E-04	1.19E-07	3.46E-08	3.93E-05	1.24E-08	3.60E-09
3767 494863.09, 3851877.25	4.40E-04	1.39E-07	4.04E-08	8.35E-05	2.64E-08	7.67E-09	4.54E-04	1.43E-07	4.17E-08	9.65E-05	3.05E-08	8.86E-09	4.09E-04	1.29E-07	3.76E-08	4.41E-05	1.39E-08	4.05E-09
3768 495363.09, 3851877.25	4.61E-04	1.46E-07	4.24E-08	8.93E-05	2.82E-08	8.20E-09	4.77E-04	1.50E-07	4.37E-08	1.03E-04	3.26E-08	9.47E-09	4.29E-04	1.35E-07	3.93E-08	4.71E-05	1.49E-08	4.33E-09
3769 495863.09, 3851877.25	4.78E-04	1.51E-07	4.39E-08	9.30E-05	2.93E-08	8.53E-09	4.94E-04	1.56E-07	4.53E-08	1.07E-04	3.39E-08	9.86E-09	4.44E-04	1.40E-07	4.07E-08	4.90E-05	1.55E-08	4.50E-09
3770 496363.09, 3851877.25	4.82E-04	1.52E-07	4.42E-08	9.26E-05	2.92E-08	8.50E-09	4.97E-04	1.57E-07	4.57E-08	1.07E-04	3.38E-08	9.82E-09	4.48E-04	1.41E-07	4.11E-08	4.89E-05	1.54E-08	4.49E-09
3771 496863.09, 3851877.25	4.85E-04	1.53E-07	4.45E-08	9.14E-05	2.89E-08	8.40E-09	5.00E-04	1.58E-07	4.59E-08	1.06E-04	3.34E-08	9.70E-09	4.51E-04	1.42E-07	4.14E-08	4.83E-05	1.52E-08	4.43E-09
3772 497363.09, 3851877.25	4.84E-04	1.53E-07	4.45E-08	8.96E-05	2.83E-08	8.22E-09	4.99E-04	1.58E-07	4.58E-08	1.03E-04	3.27E-08	9.50E-09	4.52E-04	1.43E-07	4.15E-08	4.73E-05	1.49E-08	4.35E-09
3773 497863.09, 3851877.25	4.71E-04	1.49E-07	4.33E-08	8.42E-05	2.66E-08	7.73E-09	4.86E-04	1.53E-07	4.46E-08	9.73E-05	3.07E-08	8.93E-09	4.42E-04	1.39E-07	4.05E-08	4.46E-05	1.41E-08	4.09E-09
3774 498363.09, 3851877.25	4.60E-04	1.45E-07	4.22E-08	7.91E-05	2.50E-08	7.26E-09	4.74E-04	1.49E-07	4.35E-08	9.14E-05	2.88E-08	8.39E-09	4.33E-04	1.37E-07	3.97E-08	4.19E-05	1.32E-08	3.85E-09
3775 471363.09, 3852377.25	1.80E-04	5.67E-08	1.65E-08	2.65E-05	8.35E-09	2.43E-09	1.84E-04	5.81E-08	1.69E-08	3.06E-05	9.65E-09	2.81E-09	1.72E-04	5.43E-08	1.58E-08	1.40E-05	4.42E-09	1.29E-09
3776 471863.09, 3852377.25	1.96E-04	6.18E-08	1.80E-08	3.00E-05	9.46E-09	2.75E-09	2.01E-04	6.34E-08	1.84E-08	3.46E-05	1.09E-08	3.18E-09	1.87E-04	5.90E-08	1.72E-08	1.58E-05	5.00E-09	1.45E-09
3777 472363.09, 3852377.25	2.08E-04	6.56E-08	1.91E-08	3.27E-05	1.03E-08	3.00E-09	2.13E-04	6.73E-08	1.96E-08	3.78E-05	1.19E-08	3.47E-09	1.98E-04	6.24E-08	1.82E-08	1.73E-05	5.45E-09	1.59E-09
3778 472863.09, 3852377.25	2.18E-04	6.89E-08	2.01E-08	3.52E-05	1.11E-08	3.23E-09	2.24E-04	7.08E-08	2.06E-08	4.07E-05	1.28E-08	3.73E-09	2.07E-04	6.55E-08	1.90E-08	1.86E-05	5.86E-09	1.71E-09
3779 473363.09, 3852377.25	2.26E-04	7.13E-08	2.07E-08	3.72E-05	1.17E-08	3.41E-09	2.32E-04	7.33E-08	2.13E-08	4.30E-05	1.36E-08	3.95E-09	2.14E-04	6.76E-08	1.97E-08	1.96E-05	6.19E-09	1.80E-09
3780 473863.09, 3852377.25	2.32E-04	7.31E-08	2.13E-08	3.87E-05	1.22E-08	3.55E-09	2.38E-04	7.52E-08	2.19E-08	4.47E-05	1.41E-08	4.11E-09	2.19E-04	6.92E-08	2.01E-08	2.04E-05	6.44E-09	1.87E-09
3781 474363.09, 3852377.25	2.39E-04	7.56E-08	2.20E-08	4.06E-05	1.28E-08	3.73E-09	2.46E-04	7.78E-08	2.26E-08	4.69E-05	1.48E-08	4.31E-09	2.26E-04	7.15E-08	2.08E-08	2.14E-05	6.75E-09	1.96E-09
3782 474863.09, 3852377.25	2.94E-04	9.27E-08	2.70E-08	4.84E-05	1.53E-08	4.44E-09	3.02E-04	9.53E-08	2.77E-08	5.59E-05	1.77E-08	5.14E-09	2.79E-04	8.80E-08	2.56E-08	2.54E-05	8.03E-09	2.33E-09
3783 475363.09, 3852377.25	3.04E-04	9.59E-08	2.79E-08	4.95E-05	1.56E-08	4.54E-09	3.12E-04	9.86E-08	2.87E-08	5.72E-05	1.81E-08	5.25E-09	2.89E-04	9.12E-08	2.65E-08	2.60E-05	8.21E-09	2.39E-09
3784 475863.09, 3852377.25	3.12E-04	9.83E-08	2.86E-08	4.95E-05	1.56E-08	4.55E-09	3.20E-04	1.01E-07	2.94E-08	5.73E-05	1.81E-08	5.26E-09	2.97E-04	9.38E-08	2.73E-08	2.60E-05	8.21E-09	2.39E-09
3785 476363.09, 3852377.25	3.06E-04	9.65E-08	2.81E-08	4.84E-05	1.53E-08	4.45E-09	3.14E-04	9.91E-08	2.88E-08	5.60E-05	1.77E-08	5.14E-09	2.92E-04	9.20E-08	2.68E-08	2.54E-05	8.02E-09	2.33E-09
3786 476863.09, 3852377.25	3.16E-04	9.97E-08	2.90E-08	4.95E-05	1.56E-08	4.55E-09	3.24E-04	1.02E-07	2.98E-08	5.73E-05	1.81E-08	5.26E-09	3.02E-04	9.53E-08	2.77E-08	2.60E-05	8.20E-09	2.39E-09
3787 477363.09, 3852377.25	3.18E-04	1.00E-07	2.92E-08	5.08E-05	1.60E-08	4.66E-09	3.27E-04	1.03E-07	3.00E-08	5.87E-05	1.85E-08	5.39E-09	3.03E-04	9.57E-08	2.78E-08	2.66E-05	8.40E-09	2.44E-09
3788 477863.09, 3852377.25	2.87E-04	9.05E-08	2.63E-08	4.93E-05	1.56E-08	4.53E-09	2.95E-04	9.31E-08	2.71E-08	5.71E-05	1.80E-08	5.24E-09	2.71E-04	8.56E-08	2.49E-08	2.59E-05	8.17E-09	2.38E-09
3789 478363.09, 3852377.25	2.75E-04	8.69E-08	2.53E-08	5.14E-05	1.62E-08	4.72E-09	2.84E-04	8.96E-08	2.61E-08	5.94E-05	1.88E-08	5.45E-09	2.58E-04	8.14E-08	2.37E-08	2.70E-05	8.51E-09	2.47E-09
3790 478863.09, 3852377.25	3.26E-04	1.03E-07	2.99E-08	6.79E-05	2.14E-08	6.23E-09	3.37E-04	1.06E-07	3.10E-08	7.86E-05	2.48E-08	7.21E-09	3.01E-04	9.49E-08	2.76E-08	3.55E-05	1.12E-08	3.26E-09
3791 479363.09, 3852377.25	3.67E-04	1.16E-07	3.37E-08	7.98E-05	2.52E-08	7.32E-09	3.81E-04	1.20E-07	3.50E-08	9.23E-05	2.91E-08	8.47E-09	3.38E-04	1.07E-07	3.10E-08	4.17E-05	1.32E-08	3.83E-09
3792 479863.09, 3852377.25	5.25E-04	1.66E-07	4.82E-08	8.93E-05	2.82E-08	8.20E-09	5.40E-04	1.70E-07	4.96E-08	1.03E-04	3.26E-08	9.49E-09	4.98E-04	1.57E-07	4.57E-08	4.67E-05	1.47E-08	4.28E-09
3793 480363.09, 3852377.25	7.02E-04	2.22E-07	6.44E-08	9.02E-05	2.85E-08	8.28E-09	7.17E-04	2.26E-07	6.59E-08	1.04E-04	3.30E-08	9.59E-09	6.84E-04	2.16E-07	6.28E-08	4.72E-05	1.49E-08	4.33E-09
3794 480863.09, 3852377.25	6.86E-04	2.16E-07	6.29E-08	8.87E-05	2.80E-08	8.15E-09	7.01E-04	2.21E-07	6.43E-08	1.03E-04	3.24E-08	9.43E-09	6.68E-04	2.11E-07	6.13E-08	4.64E-05	1.46E-08	4.26E-09
3795 481363.09, 3852377.25	6.72E-04	2.12E-07	6.17E-08	9.15E-05	2.89E-08	8.40E-09	6.87E-04	2.17E-07	6.31E-08	1.06E-04	3.34E-08	9.72E-09	6.51E-04	2.06E-07	5.98E-08	4.78E-05	1.51E-08	4.39E-09
3796 481863.09, 3852377.25	6.59E-04	2.08E-07	6.05E-08	1.25E-04	3.93E-08	1.14E-08	6.81E-04	2.15E-07	6.25E-08	1.44E-04	4.55E-08	1.32E-08	6.18E-04	1.95E-07	5.67E-08	6.50E-05	2.05E-08	5.97E-09
3797 482363.09, 3852377.25	6.19E-04	1.95E-07	5.68E-08	1.42E-04	4.49E-08	1.31E-08	6.43E-04	2.03E-07	5.91E-08	1.65E-04	5.20E-08	1.51E-08	5.65E-04	1.78E-07	5.18E-08	7.42E-05	2.34E-08	6.81E-09
3798 482863.09, 3852377.25	5.06E-04	1.60E-07	4.65E-08	1.19E-04	3.74E-08	1.09E-08	5.26E-04	1.66E-07	4.83E-08	1.37E-04	4.33E-08	1.26E-08	4.60E-04	1.45E-07	4.22E-08	6.19E-05	1.96E-08	5.69E-09
3799 483363.09, 3852377.25	3.82E-04	1.21E-07	3.51E-08	9.55E-05	3.01E-08	8.76E-09	3.99E-04	1.26E-07	3.66E-08	1.10E-04	3.49E-08	1.01E-08	3.43E-04	1.08E-07	3.15E-08	5.00E-05	1.58E-08	4.59E-09
3800 483863.09, 3852377.25	3.12E-04	9.86E-08	2.87E-08	7.31E-05	2.31E-08	6.71E-09	3.25E-04	1.03E-07	2.98E-08	8.45E-05	2.67E-08	7.76E-09	2.83E-04	8.93E-08	2.60E-08	3.84E-05	1.21E-08	3.52E-09
3801 484363.09, 3852377.25	3.32E-04	1.05E-07	3.05E-08	8.02E-05	2.53E-08	7.37E-09	3.46E-04	1.09E-07	3.17E-08	9.28E-05	2.93E-08	8.52E-09	2.99E-04	9.44E-08	2.75E-08	4.21E-05	1.33E-08	3.87E-09
3802 484863.09, 3852377.25	3.43E-04	1.08E-07	3.15E-08	7.87E-05	2.48E-08	7.23E-09	3.56E-04	1.12E-07	3.27E-08	9.10E-05	2.87E-08	8.36E-09	3.11E-04	9.82E-08	2.86E-08	4.14E-05	1.31E-08	3.80E-09
3803 485363.09, 3852377.25	3.42E-04	1.08E-07	3.14E-08	7.66E-05	2.42E-08	7.03E-09	3.55E-04	1.12E-07	3.26E-08	8.85E-05	2.79E-08	8.13E-09	3.12E-04	9.83E-08	2.86E-08	4.02E-05	1.27E-08	3.69E-09
3804 485863.09, 3852377.25	3.18E-04	1.00E-07	2.92E-08	6.44E-05	2.03E-08	5.91E-09	3.29E-04	1.04E-07	3.02E-08	7.44E-05	2.35E-08	6.83E-09	2.93E-04	9.26E-08	2.69E-08	3.40E-05	1.07E-08	3.12E-09
3805 486363.09, 3852377.25	2.88E-04	9.09E-08	2.64E-08	4.78E-05	1.51E-08	4.39E-09	2.96E-04	9.35E-08	2.72E-08	5.52E-05	1.74E-08	5.07E-09	2.72E-04	8.57E-08	2.49E-08	2.54E-05	8.03E-09	2.33E-09
3806 486863.09, 3852377.25	2.82E-04	8.91E-08	2.59E-08	4.38E-05	1.38E-08	4.02E-09	2.90E-04	9.15E-08	2.66E-08	5.06E-05	1.60E-08	4.64E-09	2.68E-04	8.46E-08	2.46E-08	2.34E-05	7.37E-09	2.14E-09
3807 487363.09, 3852377.25	2.63E-04	8.29E-08	2.41E-08	4.01E-05	1.27E-08	3.68E-09	2.69E-04	8.50E-08	2.47E-08	4.63E-05	1.46E-08	4.25E-09	2.50E-04	7.89E-08	2.30E-08	2.13E-05	6.73E-09	1.96E-09
3808 487863.09, 3852377.25	2.51E-04	7.93E-08	2.31E-08	3.83E-05	1.21E-08	3.52E-09	2.58E-04	8.13E-08	2.37E-08	4.43E-05	1.40E-08	4.06E-09	2.40E-04	7.56E-08	2.20E-08	2.04E-05	6.43E-09	1.87E-09
3809 488363.09, 3852377.25	2.55E-04	8.03E-08	2.34E-08	3.72E-05	1.18E-08	3.42E-09	2.61E-04	8.23E-08	2.39E-08	4.30E-05	1.36E-08	3.95E-09	2.44E-04	7.69E-08	2.24E-08	1.98E-05	6.26E-09	1.82E-09
3810 488863.09, 3852377.25	2.60E-04	8.21E-08	2.39E-08	3.72E-05	1.17E-08	3.42E-09	2.66E-04	8.40E-08	2.44E-08	4.29E-05	1.36E-08	3.94E-09	2.49E-04	7.87E-08	2.29E-08	1.99E-05	6.27E-09	1.82E-09
3811 489363.09, 3852377.25	2.68E-04	8.44E-08	2.46E-08	4.00E-05	1.26E-08	3.68E-09	2.74E-04	8.66E-08	2.52E-08	4.62E-05	1.46E-08	4.24E-09	2.55E-04	8.06E-08	2.34E-08	2.13E-05	6.73E-09	1.96E-09
3812 489863.09, 3852377.25	2.69E-04	8.48E-08	2.47E-08	4.13E-05	1.30E-08	3.79E-09	2.76E-04	8.70E-08	2.53E-08	4.77E-05	1.51E-08	4.38E-09	2.56E-04	8.07E-08	2.35E-08	2.20E-05	6.95E-09	2.02E-09
3813 490363.09, 3852377.25	3.00E-04	9.46E-08	2.75E-08	4.99E-05	1.57E-08	4.58E-09	3.08E-04	9.72E-08	2.83E-08	5.76E-05	1.82E-08	5.29E-09	2.83E-04	8.94E-08	2.60E-08	2.65E-05	8.35E-09	2.43E-09
3814 490863.09, 3852377.25	3.27E-04	1.03E-07	3.00E-08	5.81E-05	1.83E-08	5.33E-09	3.37E-04	1.06E-07	3.09E-08	6.71E-05	2.12E-08	6.16E-09	3.07E-04	9.69E-08	2.82E-08	3.07E-05	9.70E-09	2.82E-09
3815 491363.09, 3852377.25	3.79E-04	1.20E-07	3.48E-08	7.28E-05	2.30E-08	6.68E-09	3.91E-04	1.24E-07	3.59E-08	8.41E-05	2.65E-08	7.72E-09	3.53E-04	1.11E-07	3.24E-08	3.84E-05	1.21E-08	3.52E-09
3816 491863.09, 3852377.25	4.03E-04	1.27E-07	3.70E-08	7.94E-05	2.51E-08	7.29E-09	4.16E-04	1.31E-07	3.82E-08	9.17E-05	2.90E-08	8.42E-09	3.74E-04	1.18E-07	3.43E-08	4.18E-05	1.32E-08	3.84E-09
3817 492363.09, 3852377.25	4.25E-04	1.34E-07	3.91E-08	8.45E-05	2.67E-08	7.76E-09	4.40E-04	1.39E-07	4.04E-08	9.77E-05	3.08E-08	8.97E-09	3.94E-04	1.24E-07	3.62E-08	4.46E-05	1.41E-08	4.09E-09
3818 492863.09, 3852377.25	4.65E-04	1.47E-07	4.27E-08	9.37E-05	2.96E-08	8.60E-09	4.81E-04	1.52E-07	4.41E-08	1.08E-04	3.42E-08	9.94E-09	4.30E-04	1.36E-07	3.95E-08	4.94E-05	1.56E-08	4.53E-09
3819 493363.09, 3852377.25	5.23E-04	1.65E-07	4.80E-08	1.08E-04	3.40E-08	9.89E-09	5.41E-04	1.71E-07	4.97E-08	1.25E-04	3.93E-08	1.14E-08	4.82E-04	1.52E-07	4.42E-08	5.68E-05	1.79E-08	5.21E-09
3820 493863.09, 3852377.25	5.36E-04	1.69E-07	4.92E-08	1.09E-04	3.45E-08	1.00E-08	5.55E-04	1.75E-07	5.09E-08	1.27E-04	3.99E-08	1.16E-08	4.95E-04	1.56E-07	4.54E-08	5.77E-05	1.82E-08	5.30E-09
3821 494363.09, 3852377.25	5.42E-04	1.71E-07	4.97E-08	1.10E-04	3.48E-08	1.01E-08	5.61E-04	1.77E-07	5.15E-08	1.27E-04	4.02E-08	1.17E-08	5.00E-04	1.58E-07	4.59E-08	5.81E-05	1.83E-08	5.33E-09
3822 494863.09, 3852377.25	5.69E-04	1.80E-07	5.22E-08	1.17E-04	3.70E-08	1.08E-08	5.89E-04	1.86E-07	5.40E-08	1.36E-04	4.28E-08	1.24E-08	5.24E-04	1.65E-07	4.81E-08	6.18E-05	1.95E-08	5.67E-09
3823 495363.09, 3852377.25	5.98E-04	1.89E-07	5.49E-08	1.24E-04	3.93E-08	1.14E-08	6.19E-04	1.95E-07	5.68E-08	1.44E-04	4.54E-08	1.32E-08	5.51E-04	1.74E-07	5.05E-08	6.55E-05	2.07E-08	6.01E-09
3824 495863.09, 3852377.25	5.92E-04	1.87E-07	5.43E-08	1.21E-04	3.81E-08	1.11E-08	6.12E-04	1.93E-07	5.62E-08	1.40E-04	4.41E-08	1.28E-08	5.46E-04	1.72E-07	5.01E-08	6.36E-05	2.01E-08	5.84E-09

3825 496363.09, 3852377.25	5.85E-04	1.85E-07	5.37E-08	1.17E-04	3.68E-08	1.07E-08	6.05E-04	1.91E-07	5.55E-08	1.35E-04	4.25E-08	1.24E-08	5.42E-04	1.71E-07	4.97E-08	6.15E-05	1.94E-08	5.64E-09
3826 496863.09, 3852377.25	5.85E-04	1.85E-07	5.37E-08	1.14E-04	3.59E-08	1.04E-08	6.04E-04	1.91E-07	5.55E-08	1.32E-04	4.15E-08	1.21E-08	5.43E-04	1.71E-07	4.99E-08	6.00E-05	1.89E-08	5.51E-09
3827 497363.09, 3852377.25	5.58E-04	1.76E-07	5.12E-08	1.04E-04	3.29E-08	9.56E-09	5.76E-04	1.82E-07	5.29E-08	1.20E-04	3.80E-08	1.10E-08	5.20E-04	1.64E-07	4.78E-08	5.50E-05	1.74E-08	5.05E-09
3828 497863.09, 3852377.25	5.32E-04	1.68E-07	4.89E-08	9.43E-05	2.98E-08	8.65E-09	5.48E-04	1.73E-07	5.03E-08	1.09E-04	3.44E-08	1.00E-08	4.99E-04	1.58E-07	4.58E-08	4.99E-05	1.58E-08	4.58E-09
3829 498363.09, 3852377.25	5.08E-04	1.60E-07	4.66E-08	8.54E-05	2.69E-08	7.84E-09	5.22E-04	1.65E-07	4.79E-08	9.86E-05	3.11E-08	9.05E-09	4.79E-04	1.51E-07	4.39E-08	4.53E-05	1.43E-08	4.16E-09
3830 471363.09, 3852877.25	1.95E-04	6.17E-08	1.79E-08	2.95E-05	9.32E-09	2.71E-09	2.00E-04	6.32E-08	1.84E-08	3.41E-05	1.08E-08	3.13E-09	1.87E-04	5.89E-08	1.71E-08	1.56E-05	4.93E-09	1.43E-09
3831 471863.09, 3852877.25	2.08E-04	6.56E-08	1.91E-08	3.21E-05	1.01E-08	2.95E-09	2.13E-04	6.74E-08	1.96E-08	3.71E-05	1.17E-08	3.40E-09	1.98E-04	6.26E-08	1.82E-08	1.70E-05	5.35E-09	1.56E-09
3832 472363.09, 3852877.25	2.21E-04	6.99E-08	2.03E-08	3.50E-05	1.10E-08	3.21E-09	2.27E-04	7.18E-08	2.09E-08	4.04E-05	1.28E-08	3.71E-09	2.11E-04	6.65E-08	1.94E-08	1.85E-05	5.83E-09	1.70E-09
3833 472863.09, 3852877.25	2.33E-04	7.34E-08	2.14E-08	3.72E-05	1.18E-08	3.42E-09	2.39E-04	7.54E-08	2.19E-08	4.30E-05	1.36E-08	3.95E-09	2.21E-04	6.98E-08	2.03E-08	1.96E-05	6.20E-09	1.80E-09
3834 473363.09, 3852877.25	2.45E-04	7.73E-08	2.25E-08	3.99E-05	1.26E-08	3.67E-09	2.52E-04	7.95E-08	2.31E-08	4.62E-05	1.46E-08	4.24E-09	2.33E-04	7.34E-08	2.14E-08	2.11E-05	6.65E-09	1.93E-09
3835 473863.09, 3852877.25	2.62E-04	8.27E-08	2.40E-08	4.34E-05	1.37E-08	3.98E-09	2.69E-04	8.50E-08	2.47E-08	5.01E-05	1.58E-08	4.60E-09	2.48E-04	7.83E-08	2.28E-08	2.29E-05	7.21E-09	2.10E-09
3836 474363.09, 3852877.25	2.81E-04	8.88E-08	2.58E-08	4.75E-05	1.50E-08	4.36E-09	2.89E-04	9.14E-08	2.66E-08	5.49E-05	1.73E-08	5.04E-09	2.66E-04	8.40E-08	2.44E-08	2.50E-05	7.90E-09	2.30E-09
3837 474863.09, 3852877.25	2.70E-04	8.52E-08	2.48E-08	4.62E-05	1.46E-08	4.24E-09	2.78E-04	8.77E-08	2.55E-08	5.34E-05	1.69E-08	4.90E-09	2.55E-04	8.05E-08	2.34E-08	2.43E-05	7.68E-09	2.23E-09
3838 475363.09, 3852877.25	2.95E-04	9.32E-08	2.71E-08	5.11E-05	1.61E-08	4.69E-09	3.04E-04	9.60E-08	2.79E-08	5.91E-05	1.86E-08	5.42E-09	2.79E-04	8.80E-08	2.56E-08	2.69E-05	8.48E-09	2.47E-09
3839 475863.09, 3852877.25	3.04E-04	9.61E-08	2.79E-08	5.34E-05	1.68E-08	4.90E-09	3.13E-04	9.89E-08	2.88E-08	6.17E-05	1.95E-08	5.67E-09	2.87E-04	9.06E-08	2.63E-08	2.81E-05	8.85E-09	2.58E-09
3840 476363.09, 3852877.25	2.94E-04	9.29E-08	2.70E-08	5.20E-05	1.64E-08	4.78E-09	3.03E-04	9.57E-08	2.78E-08	6.02E-05	1.90E-08	5.52E-09	2.77E-04	8.75E-08	2.55E-08	2.73E-05	8.63E-09	2.51E-09
3841 476863.09, 3852877.25	2.70E-04	8.51E-08	2.48E-08	4.73E-05	1.49E-08	4.34E-09	2.78E-04	8.77E-08	2.55E-08	5.47E-05	1.73E-08	5.02E-09	2.54E-04	8.03E-08	2.33E-08	2.49E-05	7.85E-09	2.28E-09
3842 477363.09, 3852877.25	2.49E-04	7.86E-08	2.29E-08	4.28E-05	1.35E-08	3.93E-09	2.56E-04	8.09E-08	2.35E-08	4.95E-05	1.56E-08	4.55E-09	2.35E-04	7.43E-08	2.16E-08	2.25E-05	7.11E-09	2.07E-09
3843 477863.09, 3852877.25	2.29E-04	7.23E-08	2.10E-08	3.80E-05	1.20E-08	3.49E-09	2.35E-04	7.43E-08	2.16E-08	4.39E-05	1.39E-08	4.03E-09	2.17E-04	6.85E-08	1.99E-08	2.00E-05	6.32E-09	1.84E-09
3844 478363.09, 3852877.25	2.02E-04	6.37E-08	1.85E-08	2.98E-05	9.39E-09	2.73E-09	2.07E-04	6.53E-08	1.90E-08	3.44E-05	1.08E-08	3.16E-09	1.94E-04	6.11E-08	1.78E-08	1.57E-05	4.96E-09	1.44E-09
3845 478863.09, 3852877.25	2.29E-04	7.23E-08	2.10E-08	3.58E-05	1.13E-08	3.29E-09	2.35E-04	7.42E-08	2.16E-08	4.14E-05	1.31E-08	3.80E-09	2.19E-04	6.90E-08	2.01E-08	1.89E-05	5.96E-09	1.73E-09
3846 479363.09, 3852877.25	2.81E-04	8.87E-08	2.58E-08	5.32E-05	1.68E-08	4.88E-09	2.90E-04	9.16E-08	2.66E-08	6.15E-05	1.94E-08	5.64E-09	2.63E-04	8.29E-08	2.41E-08	2.79E-05	8.81E-09	2.56E-09
3847 479863.09, 3852877.25	4.17E-04	1.32E-07	3.83E-08	9.15E-05	2.89E-08	8.40E-09	4.32E-04	1.36E-07	3.97E-08	1.06E-04	3.34E-08	9.72E-09	3.82E-04	1.21E-07	3.51E-08	4.78E-05	1.51E-08	4.39E-09
3848 480363.09, 3852877.25	6.63E-04	2.09E-07	6.08E-08	1.10E-04	3.47E-08	1.01E-08	6.82E-04	2.15E-07	6.26E-08	1.27E-04	4.02E-08	1.17E-08	6.31E-04	1.99E-07	5.79E-08	5.75E-05	1.81E-08	5.28E-09
3849 480863.09, 3852877.25	7.81E-04	2.46E-07	7.17E-08	1.16E-04	3.65E-08	1.06E-08	8.01E-04	2.53E-07	7.35E-08	1.34E-04	4.23E-08	1.23E-08	7.52E-04	2.37E-07	6.90E-08	6.04E-05	1.91E-08	5.55E-09
3850 481363.09, 3852877.25	8.32E-04	2.63E-07	7.64E-08	1.14E-04	3.60E-08	1.05E-08	8.51E-04	2.69E-07	7.82E-08	1.32E-04	4.16E-08	1.21E-08	8.07E-04	2.55E-07	7.41E-08	5.95E-05	1.88E-08	5.46E-09
3851 481863.09, 3852877.25	7.96E-04	2.51E-07	7.31E-08	1.15E-04	3.63E-08	1.05E-08	8.16E-04	2.58E-07	7.49E-08	1.33E-04	4.20E-08	1.22E-08	7.69E-04	2.43E-07	7.06E-08	6.00E-05	1.89E-08	5.51E-09
3852 482363.09, 3852877.25	7.99E-04	2.52E-07	7.33E-08	1.56E-04	4.92E-08	1.43E-08	8.26E-04	2.61E-07	7.58E-08	1.80E-04	5.70E-08	1.66E-08	7.46E-04	2.35E-07	6.85E-08	8.14E-05	2.57E-08	7.47E-09
3853 482863.09, 3852877.25	7.59E-04	2.39E-07	6.97E-08	1.79E-04	5.64E-08	1.64E-08	7.90E-04	2.49E-07	7.25E-08	2.07E-04	6.53E-08	1.90E-08	6.90E-04	2.18E-07	6.33E-08	9.32E-05	2.94E-08	8.56E-09
3854 483363.09, 3852877.25	5.88E-04	1.85E-07	5.39E-08	1.50E-04	4.74E-08	1.38E-08	6.13E-04	1.94E-07	5.63E-08	1.74E-04	5.49E-08	1.60E-08	5.26E-04	1.66E-07	4.83E-08	7.85E-05	2.48E-08	7.20E-09
3855 483863.09, 3852877.25	4.23E-04	1.34E-07	3.89E-08	1.11E-04	3.51E-08	1.02E-08	4.42E-04	1.40E-07	4.06E-08	1.29E-04	4.07E-08	1.18E-08	3.76E-04	1.19E-07	3.45E-08	5.83E-05	1.84E-08	5.35E-09
3856 484363.09, 3852877.25	4.42E-04	1.40E-07	4.06E-08	1.18E-04	3.74E-08	1.09E-08	4.62E-04	1.46E-07	4.25E-08	1.37E-04	4.32E-08	1.26E-08	3.92E-04	1.24E-07	3.60E-08	6.19E-05	1.95E-08	5.68E-09
3857 484863.09, 3852877.25	4.52E-04	1.43E-07	4.15E-08	1.13E-04	3.56E-08	1.04E-08	4.72E-04	1.49E-07	4.33E-08	1.31E-04	4.12E-08	1.20E-08	4.06E-04	1.28E-07	3.73E-08	5.92E-05	1.87E-08	5.43E-09
3858 485363.09, 3852877.25	3.59E-04	1.13E-07	3.30E-08	7.68E-05	2.42E-08	7.05E-09	3.72E-04	1.17E-07	3.42E-08	8.88E-05	2.80E-08	8.15E-09	3.29E-04	1.04E-07	3.02E-08	4.05E-05	1.28E-08	3.72E-09
3859 485863.09, 3852877.25	3.24E-04	1.02E-07	2.97E-08	6.16E-05	1.94E-08	5.65E-09	3.34E-04	1.06E-07	3.07E-08	7.12E-05	2.25E-08	6.53E-09	3.02E-04	9.52E-08	2.77E-08	3.25E-05	1.03E-08	2.99E-09
3860 486363.09, 3852877.25	3.13E-04	9.89E-08	2.88E-08	4.92E-05	1.55E-08	4.52E-09	3.22E-04	1.02E-07	2.95E-08	5.68E-05	1.79E-08	5.22E-09	2.97E-04	9.39E-08	2.73E-08	2.62E-05	8.27E-09	2.41E-09
3861 486863.09, 3852877.25	3.24E-04	1.02E-07	2.97E-08	4.83E-05	1.52E-08	4.43E-09	3.32E-04	1.05E-07	3.05E-08	5.57E-05	1.76E-08	5.12E-09	3.09E-04	9.75E-08	2.83E-08	2.57E-05	8.13E-09	2.36E-09
3862 487363.09, 3852877.25	3.12E-04	9.84E-08	2.86E-08	4.54E-05	1.43E-08	4.17E-09	3.19E-04	1.01E-07	2.93E-08	5.24E-05	1.66E-08	4.81E-09	2.98E-04	9.42E-08	2.74E-08	2.42E-05	7.64E-09	2.22E-09
3863 487863.09, 3852877.25	3.09E-04	9.76E-08	2.84E-08	4.63E-05	1.46E-08	4.26E-09	3.17E-04	1.00E-07	2.91E-08	5.35E-05	1.69E-08	4.91E-09	2.96E-04	9.33E-08	2.71E-08	2.46E-05	7.77E-09	2.26E-09
3864 488363.09, 3852877.25	2.81E-04	8.86E-08	2.58E-08	3.95E-05	1.25E-08	3.63E-09	2.87E-04	9.07E-08	2.64E-08	4.56E-05	1.44E-08	4.18E-09	2.70E-04	8.51E-08	2.48E-08	2.11E-05	6.65E-09	1.93E-09
3865 488863.09, 3852877.25	3.19E-04	1.01E-07	2.92E-08	4.88E-05	1.54E-08	4.48E-09	3.27E-04	1.03E-07	3.00E-08	5.64E-05	1.78E-08	5.17E-09	3.04E-04	9.58E-08	2.79E-08	2.60E-05	8.19E-09	2.38E-09
3866 489363.09, 3852877.25	3.41E-04	1.08E-07	3.13E-08	5.67E-05	1.79E-08	5.20E-09	3.51E-04	1.11E-07	3.22E-08	6.54E-05	2.06E-08	6.01E-09	3.23E-04	1.02E-07	2.96E-08	3.00E-05	9.48E-09	2.76E-09
3867 489863.09, 3852877.25	3.65E-04	1.15E-07	3.35E-08	6.47E-05	2.04E-08	5.94E-09	3.76E-04	1.19E-07	3.45E-08	7.48E-05	2.36E-08	6.86E-09	3.43E-04	1.08E-07	3.14E-08	3.43E-05	1.08E-08	3.14E-09
3868 490363.09, 3852877.25	4.47E-04	1.41E-07	4.10E-08	8.86E-05	2.79E-08	8.13E-09	4.62E-04	1.46E-07	4.24E-08	1.02E-04	3.23E-08	9.40E-09	4.14E-04	1.31E-07	3.80E-08	4.67E-05	1.47E-08	4.28E-09
3869 490863.09, 3852877.25	4.92E-04	1.55E-07	4.52E-08	1.03E-04	3.25E-08	9.45E-09	5.09E-04	1.61E-07	4.68E-08	1.19E-04	3.76E-08	1.09E-08	4.53E-04	1.43E-07	4.16E-08	5.41E-05	1.71E-08	4.97E-09
3870 491363.09, 3852877.25	5.38E-04	1.70E-07	4.94E-08	1.17E-04	3.68E-08	1.07E-08	5.58E-04	1.76E-07	5.13E-08	1.35E-04	4.26E-08	1.24E-08	4.94E-04	1.56E-07	4.53E-08	6.13E-05	1.94E-08	5.63E-09
3871 491863.09, 3852877.25	5.69E-04	1.79E-07	5.22E-08	1.25E-04	3.94E-08	1.15E-08	5.90E-04	1.86E-07	5.42E-08	1.44E-04	4.56E-08	1.33E-08	5.20E-04	1.64E-07	4.78E-08	6.56E-05	2.07E-08	6.02E-09
3872 492363.09, 3852877.25	6.08E-04	1.92E-07	5.58E-08	1.34E-04	4.24E-08	1.23E-08	6.30E-04	1.99E-07	5.79E-08	1.55E-04	4.90E-08	1.43E-08	5.55E-04	1.75E-07	5.10E-08	7.06E-05	2.23E-08	6.48E-09
3873 492863.09, 3852877.25	6.74E-04	2.13E-07	6.18E-08	1.50E-04	4.74E-08	1.38E-08	6.99E-04	2.21E-07	6.42E-08	1.74E-04	5.48E-08	1.59E-08	6.14E-04	1.94E-07	5.64E-08	7.90E-05	2.49E-08	7.25E-09
3874 493363.09, 3852877.25	7.21E-04	2.28E-07	6.62E-08	1.61E-04	5.07E-08	1.48E-08	7.48E-04	2.36E-07	6.87E-08	1.86E-04	5.86E-08	1.71E-08	6.57E-04	2.07E-07	6.03E-08	8.45E-05	2.67E-08	7.76E-09
3875 493863.09, 3852877.25	7.22E-04	2.28E-07	6.63E-08	1.60E-04	5.06E-08	1.47E-08	7.50E-04	2.37E-07	6.88E-08	1.85E-04	5.85E-08	1.70E-08	6.59E-04	2.08E-07	6.05E-08	8.43E-05	2.66E-08	7.74E-09
3876 494363.09, 3852877.25	7.24E-04	2.28E-07	6.64E-08	1.60E-04	5.06E-08	1.47E-08	7.51E-04	2.37E-07	6.89E-08	1.85E-04	5.85E-08	1.70E-08	6.61E-04	2.09E-07	6.07E-08	8.42E-05	2.66E-08	7.73E-09
3877 494863.09, 3852877.25	7.38E-04	2.33E-07	6.78E-08	1.63E-04	5.14E-08	1.50E-08	7.66E-04	2.42E-07	7.03E-08	1.89E-04	5.95E-08	1.73E-08	6.75E-04	2.13E-07	6.19E-08	8.56E-05	2.70E-08	7.86E-09
3878 495363.09, 3852877.25	7.22E-04	2.28E-07	6.63E-08	1.55E-04	4.90E-08	1.43E-08	7.49E-04	2.36E-07	6.88E-08	1.80E-04	5.67E-08	1.65E-08	6.62E-04	2.09E-07	6.08E-08	8.17E-05	2.58E-08	7.50E-09
3879 495863.09, 3852877.25	7.07E-04	2.23E-07	6.49E-08	1.47E-04	4.65E-08	1.35E-08	7.32E-04	2.31E-07	6.72E-08	1.70E-04	5.37E-08	1.56E-08	6.51E-04	2.05E-07	5.97E-08	7.75E-05	2.45E-08	7.11E-09
3880 496363.09, 3852877.25	7.12E-04	2.25E-07	6.53E-08	1.45E-04	4.57E-08	1.33E-08	7.36E-04	2.32E-07	6.76E-08	1.67E-04	5.28E-08	1.54E-08	6.57E-04	2.07E-07	6.03E-08	7.62E-05	2.40E-08	7.00E-09
3881 496863.09, 3852877.25	7.02E-04	2.22E-07	6.45E-08	1.38E-04	4.35E-08	1.27E-08	7.26E-04	2.29E-07	6.66E-08	1.59E-04	5.03E-08	1.46E-08	6.51E-04	2.05E-07	5.98E-08	7.27E-05	2.29E-08	6.67E-09
3882 497363.09, 3852877.25	6.46E-04	2.04E-07	5.93E-08	1.19E-04	3.76E-08	1.10E-08	6.66E-04	2.10E-07	6.11E-08	1.38E-04	4.35E-08	1.27E-08	6.03E-04	1.90E-07	5.53E-08	6.30E-05	1.99E-08	5.79E-09
3883 497863.09, 3852877.25	5.53E-04	1.74E-07	5.07E-08	9.20E-05	2.90E-08	8.44E-09	5.68E-04	1.79E-07	5.21E-08	1.06E-04	3.35E-08	9.75E-09	5.21E-04	1.64E-07	4.78E-08	4.88E-05	1.54E-08	4.48E-09
3884 498363.09, 3852877.25	5.44E-04	1.72E-07	4.99E-08	8.67E-05	2.74E-08	7.96E-09	5.58E-04	1.76E-07	5.13E-08	1.00E-04	3.16E-08	9.18E-09	5.15E-04	1.63E-07	4.73E-08	4.61E-05	1.46E-08	4.23E-09
3885 471363.09, 3853377.25	2.10E-04	6.63E-08	1.93E-08	3.10E-05	9.77E-09	2.84E-09	2.15E-04	6.79E-08	1.98E-08	3.58E-05	1.13E-08	3.28E-09	2.01E-04	6.35E-08	1.85E-08	1.64E-05	5.17E-09	1.50E-09
3886 471863.09, 3853377.25	2.22E-04	7.02E-08	2.04E-08	3.40E-05	1.07E-08	3.12E-09	2.28E-04	7.20E-08	2.10E-08	3.93E-05	1.24E-08	3.60E-09	2.12E-04	6.70E-08	1.95E-08	1.80E-05	5.67E-09	1.65E-09
3887 472363.09, 3853377.25	2.34E-04	7.39E-08	2.15E-08	3.65E-05	1.15E-08	3.35E-09	2.40E-04	7.59E-08	2.21E-08	4.22E-05	1.33E-08	3.88E-09	2.23E-04	7.05E-08	2.05E-08	1.93E-05	6.09E-09	1.77E-09
3888 472863.09, 3853377.25	2.47E-04	7.78E-08	2.26E-08	3.91E-05	1.23E-08	3.59E-09	2.53E-04	7.99E-08	2.32E-08	4.52E-05	1.43E-08	4.15E-09	2.35E-04	7.40E-08	2.15E-08	2.06E-05	6.51E-09	1.89E-09
3889 473363.09, 3853377.25	2.56E-04	8.07E-08	2.35E-08	4.12E-05	1.30E-08	3.78E-09	2.63E-04	8.29E-08	2.41E-08	4.76E-05	1.50E-08	4.37E-09	2.43E-04	7.67E-08	2.23E-08	2.17E-05	6.86E-09	2.00E-09
3890 473863.09, 3853377.25	2.66E-04	8.41E-08	2.45E-08	4.37E-05	1.38E-08	4.01E-09	2.74E-04	8.64E-08	2.51E-08	5.05E-05	1.59E-08	4.63E-09	2.53E-04	7.98E-08	2.32E-08	2.30E-05	7.26E-09	2.11E-09

3891 474363.09, 3853377.25	2.77E-04	8.73E-08	2.54E-08	4.63E-05	1.46E-08	4.25E-09	2.85E-04	8.98E-08	2.61E-08	5.35E-05	1.69E-08	4.91E-09	2.62E-04	8.27E-08	2.41E-08	2.44E-05	7.70E-09	2.24E-09
3892 474863.09, 3853377.25	2.75E-04	8.67E-08	2.52E-08	4.69E-05	1.48E-08	4.31E-09	2.83E-04	8.92E-08	2.60E-08	5.42E-05	1.71E-08	4.98E-09	2.59E-04	8.19E-08	2.38E-08	2.47E-05	7.80E-09	2.27E-09
3893 475363.09, 3853377.25	2.78E-04	8.79E-08	2.56E-08	4.85E-05	1.53E-08	4.45E-09	2.87E-04	9.05E-08	2.63E-08	5.60E-05	1.77E-08	5.15E-09	2.62E-04	8.28E-08	2.41E-08	2.55E-05	8.06E-09	2.34E-09
3894 475863.09, 3853377.25	2.81E-04	8.88E-08	2.58E-08	4.96E-05	1.57E-08	4.56E-09	2.90E-04	9.14E-08	2.66E-08	5.74E-05	1.81E-08	5.27E-09	2.65E-04	8.35E-08	2.43E-08	2.61E-05	8.25E-09	2.40E-09
3895 476363.09, 3853377.25	2.68E-04	8.47E-08	2.46E-08	4.69E-05	1.48E-08	4.31E-09	2.76E-04	8.73E-08	2.54E-08	5.43E-05	1.71E-08	4.98E-09	2.53E-04	7.98E-08	2.32E-08	2.47E-05	7.81E-09	2.27E-09
3896 476863.09, 3853377.25	2.44E-04	7.69E-08	2.24E-08	4.09E-05	1.29E-08	3.75E-09	2.50E-04	7.91E-08	2.30E-08	4.72E-05	1.49E-08	4.33E-09	2.30E-04	7.27E-08	2.11E-08	2.16E-05	6.81E-09	1.98E-09
3897 477363.09, 3853377.25	2.43E-04	7.65E-08	2.23E-08	4.02E-05	1.27E-08	3.69E-09	2.49E-04	7.87E-08	2.29E-08	4.65E-05	1.47E-08	4.27E-09	2.30E-04	7.25E-08	2.11E-08	2.12E-05	6.70E-09	1.95E-09
3898 477863.09, 3853377.25	2.46E-04	7.75E-08	2.25E-08	4.04E-05	1.28E-08	3.71E-09	2.52E-04	7.97E-08	2.32E-08	4.67E-05	1.48E-08	4.29E-09	2.33E-04	7.35E-08	2.14E-08	2.13E-05	6.73E-09	1.96E-09
3899 478363.09, 3853377.25	2.22E-04	6.99E-08	2.03E-08	3.43E-05	1.08E-08	3.15E-09	2.27E-04	7.18E-08	2.09E-08	3.97E-05	1.25E-08	3.64E-09	2.11E-04	6.67E-08	1.94E-08	1.82E-05	5.73E-09	1.67E-09
3900 478863.09, 3853377.25	1.94E-04	6.13E-08	1.78E-08	2.68E-05	8.47E-09	2.46E-09	1.99E-04	6.27E-08	1.82E-08	3.10E-05	9.78E-09	2.84E-09	1.87E-04	5.91E-08	1.72E-08	1.42E-05	4.49E-09	1.31E-09
3901 479363.09, 3853377.25	2.65E-04	8.36E-08	2.43E-08	4.34E-05	1.37E-08	3.99E-09	2.72E-04	8.60E-08	2.50E-08	5.02E-05	1.58E-08	4.61E-09	2.52E-04	7.94E-08	2.31E-08	2.29E-05	7.22E-09	2.10E-09
3902 479863.09, 3853377.25	3.47E-04	1.10E-07	3.19E-08	6.65E-05	2.10E-08	6.10E-09	3.59E-04	1.13E-07	3.29E-08	7.69E-05	2.43E-08	7.06E-09	3.24E-04	1.02E-07	2.98E-08	3.49E-05	1.10E-08	3.20E-09
3903 480363.09, 3853377.25	5.17E-04	1.63E-07	4.75E-08	1.08E-04	3.42E-08	9.96E-09	5.36E-04	1.69E-07	4.92E-08	1.26E-04	3.96E-08	1.15E-08	4.78E-04	1.51E-07	4.39E-08	5.67E-05	1.79E-08	5.20E-09
3904 480863.09, 3853377.25	5.41E-04	1.71E-07	4.96E-08	1.22E-04	3.84E-08	1.12E-08	5.62E-04	1.77E-07	5.16E-08	1.41E-04	4.45E-08	1.29E-08	4.94E-04	1.56E-07	4.54E-08	6.36E-05	2.01E-08	5.84E-09
3905 481363.09, 3853377.25	8.10E-04	2.56E-07	7.44E-08	1.51E-04	4.75E-08	1.38E-08	8.36E-04	2.64E-07	7.68E-08	1.74E-04	5.50E-08	1.60E-08	7.61E-04	2.40E-07	6.99E-08	7.86E-05	2.48E-08	7.22E-09
3906 481863.09, 3853377.25	1.04E-03	3.28E-07	9.54E-08	1.53E-04	4.84E-08	1.41E-08	1.07E-03	3.36E-07	9.78E-08	1.77E-04	5.60E-08	1.63E-08	1.00E-03	3.16E-07	9.19E-08	8.00E-05	2.53E-08	7.35E-09
3907 482363.09, 3853377.25	9.67E-04	3.05E-07	8.88E-08	1.53E-04	4.84E-08	1.41E-08	9.93E-04	3.14E-07	9.12E-08	1.77E-04	5.60E-08	1.63E-08	9.25E-04	2.92E-07	8.49E-08	8.01E-05	2.53E-08	7.35E-09
3908 482863.09, 3853377.25	1.00E-03	3.17E-07	9.21E-08	2.06E-04	6.50E-08	1.89E-08	1.04E-03	3.28E-07	9.54E-08	2.38E-04	7.53E-08	2.19E-08	9.31E-04	2.94E-07	8.55E-08	1.07E-04	3.39E-08	9.87E-09
3909 483363.09, 3853377.25	8.33E-04	2.63E-07	7.65E-08	2.37E-04	7.47E-08	2.17E-08	8.74E-04	2.76E-07	8.02E-08	2.74E-04	8.65E-08	2.52E-08	7.32E-04	2.31E-07	6.72E-08	1.23E-04	3.90E-08	1.13E-08
3910 483863.09, 3853377.25	6.84E-04	2.16E-07	6.28E-08	1.96E-04	6.18E-08	1.80E-08	7.18E-04	2.27E-07	6.59E-08	2.27E-04	7.15E-08	2.08E-08	6.00E-04	1.89E-07	5.51E-08	1.02E-04	3.22E-08	9.38E-09
3911 484363.09, 3853377.25	6.44E-04	2.03E-07	5.91E-08	1.79E-04	5.66E-08	1.65E-08	6.75E-04	2.13E-07	6.19E-08	2.08E-04	6.55E-08	1.91E-08	5.67E-04	1.79E-07	5.21E-08	9.37E-05	2.96E-08	8.60E-09
3912 484863.09, 3853377.25	5.20E-04	1.64E-07	4.77E-08	1.40E-04	4.43E-08	1.29E-08	5.44E-04	1.72E-07	4.99E-08	1.62E-04	5.13E-08	1.49E-08	4.60E-04	1.45E-07	4.22E-08	7.35E-05	2.32E-08	6.75E-09
3913 485363.09, 3853377.25	4.00E-04	1.26E-07	3.67E-08	7.91E-05	2.50E-08	7.26E-09	4.13E-04	1.30E-07	3.79E-08	9.14E-05	2.88E-08	8.39E-09	3.70E-04	1.17E-07	3.40E-08	4.18E-05	1.32E-08	3.83E-09
3914 485863.09, 3853377.25	3.33E-04	1.05E-07	3.06E-08	5.26E-05	1.66E-08	4.83E-09	3.42E-04	1.08E-07	3.14E-08	6.07E-05	1.92E-08	5.57E-09	3.17E-04	9.99E-08	2.91E-08	2.79E-05	8.81E-09	2.56E-09
3915 486363.09, 3853377.25	3.72E-04	1.18E-07	3.42E-08	5.57E-05	1.76E-08	5.11E-09	3.82E-04	1.20E-07	3.50E-08	6.43E-05	2.03E-08	5.90E-09	3.56E-04	1.12E-07	3.27E-08	2.96E-05	9.35E-09	2.72E-09
3916 486863.09, 3853377.25	4.07E-04	1.29E-07	3.74E-08	5.92E-05	1.87E-08	5.44E-09	4.17E-04	1.32E-07	3.83E-08	6.83E-05	2.16E-08	6.27E-09	3.90E-04	1.23E-07	3.58E-08	3.15E-05	9.95E-09	2.89E-09
3917 487363.09, 3853377.25	4.46E-04	1.41E-07	4.09E-08	7.02E-05	2.22E-08	6.45E-09	4.57E-04	1.44E-07	4.20E-08	8.11E-05	2.56E-08	7.45E-09	4.24E-04	1.34E-07	3.89E-08	3.72E-05	1.18E-08	3.42E-09
3918 487863.09, 3853377.25	4.76E-04	1.50E-07	4.37E-08	8.55E-05	2.70E-08	7.85E-09	4.90E-04	1.55E-07	4.50E-08	9.88E-05	3.12E-08	9.07E-09	4.47E-04	1.41E-07	4.10E-08	4.51E-05	1.42E-08	4.14E-09
3919 488363.09, 3853377.25	5.32E-04	1.68E-07	4.89E-08	1.04E-04	3.29E-08	9.58E-09	5.50E-04	1.74E-07	5.05E-08	1.21E-04	3.81E-08	1.11E-08	4.95E-04	1.56E-07	4.54E-08	5.49E-05	1.73E-08	5.04E-09
3920 488863.09, 3853377.25	5.76E-04	1.82E-07	5.29E-08	1.20E-04	3.79E-08	1.10E-08	5.96E-04	1.88E-07	5.47E-08	1.39E-04	4.38E-08	1.27E-08	5.31E-04	1.68E-07	4.87E-08	6.31E-05	1.99E-08	5.80E-09
3921 489363.09, 3853377.25	6.09E-04	1.92E-07	5.59E-08	1.34E-04	4.22E-08	1.23E-08	6.32E-04	2.00E-07	5.80E-08	1.55E-04	4.88E-08	1.42E-08	5.58E-04	1.76E-07	5.12E-08	7.03E-05	2.22E-08	6.45E-09
3922 489863.09, 3853377.25	6.34E-04	2.00E-07	5.82E-08	1.41E-04	4.46E-08	1.30E-08	6.58E-04	2.08E-07	6.04E-08	1.63E-04	5.15E-08	1.50E-08	5.79E-04	1.83E-07	5.31E-08	7.42E-05	2.34E-08	6.81E-09
3923 490363.09, 3853377.25	6.92E-04	2.18E-07	6.35E-08	1.60E-04	5.04E-08	1.47E-08	7.19E-04	2.27E-07	6.60E-08	1.85E-04	5.83E-08	1.70E-08	6.29E-04	1.98E-07	5.77E-08	8.38E-05	2.65E-08	7.70E-09
3924 490863.09, 3853377.25	7.34E-04	2.32E-07	6.73E-08	1.76E-04	5.54E-08	1.61E-08	7.64E-04	2.41E-07	7.01E-08	2.03E-04	6.41E-08	1.86E-08	6.63E-04	2.09E-07	6.09E-08	9.20E-05	2.90E-08	8.45E-09
3925 491363.09, 3853377.25	7.72E-04	2.44E-07	7.09E-08	1.89E-04	5.98E-08	1.74E-08	8.05E-04	2.54E-07	7.39E-08	2.19E-04	6.92E-08	2.01E-08	6.96E-04	2.20E-07	6.39E-08	9.92E-05	3.13E-08	9.11E-09
3926 491863.09, 3853377.25	8.17E-04	2.58E-07	7.50E-08	2.00E-04	6.32E-08	1.84E-08	8.51E-04	2.69E-07	7.81E-08	2.32E-04	7.31E-08	2.13E-08	7.35E-04	2.32E-07	6.75E-08	1.05E-04	3.31E-08	9.64E-09
3927 492363.09, 3853377.25	8.84E-04	2.79E-07	8.12E-08	2.16E-04	6.82E-08	1.98E-08	9.21E-04	2.91E-07	8.46E-08	2.50E-04	7.89E-08	2.29E-08	7.96E-04	2.51E-07	7.30E-08	1.13E-04	3.58E-08	1.04E-08
3928 492863.09, 3853377.25	9.47E-04	2.99E-07	8.70E-08	2.29E-04	7.24E-08	2.11E-08	9.86E-04	3.11E-07	9.06E-08	2.65E-04	8.37E-08	2.44E-08	8.53E-04	2.69E-07	7.83E-08	1.20E-04	3.80E-08	1.10E-08
3929 493363.09, 3853377.25	9.58E-04	3.02E-07	8.79E-08	2.29E-04	7.24E-08	2.10E-08	9.97E-04	3.15E-07	9.15E-08	2.65E-04	8.37E-08	2.43E-08	8.65E-04	2.73E-07	7.94E-08	1.20E-04	3.80E-08	1.10E-08
3930 493863.09, 3853377.25	9.56E-04	3.02E-07	8.77E-08	2.27E-04	7.16E-08	2.08E-08	9.94E-04	3.14E-07	9.13E-08	2.62E-04	8.28E-08	2.41E-08	8.64E-04	2.73E-07	7.93E-08	1.19E-04	3.76E-08	1.09E-08
3931 494363.09, 3853377.25	9.31E-04	2.94E-07	8.54E-08	2.17E-04	6.86E-08	1.99E-08	9.68E-04	3.05E-07	8.88E-08	2.51E-04	7.93E-08	2.31E-08	8.44E-04	2.66E-07	7.74E-08	1.14E-04	3.60E-08	1.05E-08
3932 494863.09, 3853377.25	9.06E-04	2.86E-07	8.32E-08	2.05E-04	6.46E-08	1.88E-08	9.41E-04	2.97E-07	8.64E-08	2.37E-04	7.47E-08	2.17E-08	8.25E-04	2.60E-07	7.57E-08	1.07E-04	3.39E-08	9.86E-09
3933 495363.09, 3853377.25	9.02E-04	2.85E-07	8.28E-08	1.98E-04	6.24E-08	1.81E-08	9.36E-04	2.95E-07	8.59E-08	2.28E-04	7.21E-08	2.10E-08	8.25E-04	2.60E-07	7.57E-08	1.04E-04	3.28E-08	9.53E-09
3934 495863.09, 3853377.25	8.81E-04	2.78E-07	8.09E-08	1.86E-04	5.88E-08	1.71E-08	9.13E-04	2.88E-07	8.38E-08	2.16E-04	6.80E-08	1.98E-08	8.09E-04	2.55E-07	7.43E-08	9.81E-05	3.10E-08	9.00E-09
3935 496363.09, 3853377.25	8.43E-04	2.66E-07	7.73E-08	1.71E-04	5.40E-08	1.57E-08	8.72E-04	2.75E-07	8.00E-08	1.98E-04	6.24E-08	1.82E-08	7.78E-04	2.45E-07	7.14E-08	9.01E-05	2.84E-08	8.27E-09
3936 496863.09, 3853377.25	7.85E-04	2.48E-07	7.20E-08	1.51E-04	4.75E-08	1.38E-08	8.10E-04	2.56E-07	7.44E-08	1.74E-04	5.49E-08	1.60E-08	7.29E-04	2.30E-07	6.69E-08	7.95E-05	2.51E-08	7.30E-09
3937 497363.09, 3853377.25	7.10E-04	2.24E-07	6.52E-08	1.26E-04	3.98E-08	1.16E-08	7.32E-04	2.31E-07	6.72E-08	1.46E-04	4.60E-08	1.34E-08	6.66E-04	2.10E-07	6.11E-08	6.67E-05	2.11E-08	6.13E-09
3938 497863.09, 3853377.25	5.65E-04	1.78E-07	5.19E-08	8.70E-05	2.75E-08	7.99E-09	5.80E-04	1.83E-07	5.32E-08	1.00E-04	3.17E-08	9.22E-09	5.37E-04	1.69E-07	4.93E-08	4.64E-05	1.46E-08	4.26E-09
3939 498363.09, 3853377.25	4.98E-04	1.57E-07	4.58E-08	6.94E-05	2.19E-08	6.37E-09	5.10E-04	1.61E-07	4.68E-08	8.00E-05	2.53E-08	7.35E-09	4.77E-04	1.51E-07	4.38E-08	3.72E-05	1.17E-08	3.42E-09
3940 471363.09, 3853877.25	2.21E-04	6.98E-08	2.03E-08	3.04E-05	9.59E-09	2.79E-09	2.26E-04	7.14E-08	2.08E-08	3.51E-05	1.11E-08	3.22E-09	2.13E-04	6.73E-08	1.96E-08	1.61E-05	5.08E-09	1.48E-09
3941 471863.09, 3853877.25	2.38E-04	7.52E-08	2.19E-08	3.40E-05	1.07E-08	3.12E-09	2.44E-04	7.71E-08	2.24E-08	3.93E-05	1.24E-08	3.61E-09	2.29E-04	7.23E-08	2.10E-08	1.80E-05	5.68E-09	1.65E-09
3942 472363.09, 3853877.25	2.48E-04	7.81E-08	2.27E-08	3.65E-05	1.15E-08	3.35E-09	2.54E-04	8.01E-08	2.33E-08	4.21E-05	1.33E-08	3.87E-09	2.37E-04	7.49E-08	2.18E-08	1.93E-05	6.08E-09	1.77E-09
3943 472863.09, 3853877.25	2.59E-04	8.18E-08	2.38E-08	3.95E-05	1.25E-08	3.62E-09	2.66E-04	8.40E-08	2.44E-08	4.56E-05	1.44E-08	4.19E-09	2.48E-04	7.82E-08	2.27E-08	2.08E-05	6.58E-09	1.91E-09
3944 473363.09, 3853877.25	2.66E-04	8.39E-08	2.44E-08	4.17E-05	1.32E-08	3.83E-09	2.73E-04	8.61E-08	2.50E-08	4.82E-05	1.52E-08	4.42E-09	2.53E-04	7.99E-08	2.32E-08	2.20E-05	6.94E-09	2.02E-09
3945 473863.09, 3853877.25	2.74E-04	8.63E-08	2.51E-08	4.40E-05	1.39E-08	4.04E-09	2.81E-04	8.87E-08	2.58E-08	5.08E-05	1.60E-08	4.67E-09	2.60E-04	8.21E-08	2.39E-08	2.32E-05	7.32E-09	2.13E-09
3946 474363.09, 3853877.25	2.85E-04	9.01E-08	2.62E-08	4.68E-05	1.48E-08	4.30E-09	2.93E-04	9.26E-08	2.69E-08	5.41E-05	1.71E-08	4.97E-09	2.71E-04	8.55E-08	2.49E-08	2.47E-05	7.79E-09	2.27E-09
3947 474863.09, 3853877.25	2.94E-04	9.29E-08	2.70E-08	4.91E-05	1.55E-08	4.51E-09	3.03E-04	9.55E-08	2.78E-08	5.68E-05	1.79E-08	5.21E-09	2.79E-04	8.80E-08	2.56E-08	2.59E-05	8.17E-09	2.38E-09
3948 475363.09, 3853877.25	2.88E-04	9.08E-08	2.64E-08	4.84E-05	1.53E-08	4.44E-09	2.96E-04	9.34E-08	2.72E-08	5.59E-05	1.76E-08	5.13E-09	2.72E-04	8.59E-08	2.50E-08	2.55E-05	8.05E-09	2.34E-09
3949 475863.09, 3853877.25	2.62E-04	8.27E-08	2.41E-08	4.23E-05	1.33E-08	3.88E-09	2.69E-04	8.50E-08	2.47E-08	4.88E-05	1.54E-08	4.48E-09	2.49E-04	7.86E-08	2.29E-08	2.23E-05	7.04E-09	2.05E-09
3950 476363.09, 3853877.25	2.38E-04	7.52E-08	2.19E-08	3.61E-05	1.14E-08	3.31E-09	2.44E-04	7.72E-08	2.24E-08	4.16E-05	1.31E-08	3.82E-09	2.28E-04	7.19E-08	2.09E-08	1.91E-05	6.03E-09	1.75E-09
3951 476863.09, 3853877.25	2.12E-04	6.68E-08	1.94E-08	2.93E-05	9.24E-09	2.69E-09	2.16E-04	6.83E-08	1.99E-08	3.38E-05	1.07E-08	3.10E-09	2.04E-04	6.43E-08	1.87E-08	1.56E-05	4.91E-09	1.43E-09
3952 477363.09, 3853877.25	2.23E-04	7.03E-08	2.04E-08	3.23E-05	1.02E-08	2.96E-09	2.28E-04	7.20E-08	2.09E-08	3.73E-05	1.18E-08	3.42E-09	2.14E-04	6.74E-08	1.96E-08	1.71E-05	5.41E-09	1.57E-09
3953 477863.09, 3853877.25	2.43E-04	7.67E-08	2.23E-08	3.72E-05	1.17E-08	3.41E-09	2.49E-04	7.87E-08	2.29E-08	4.30E-05	1.36E-08	3.94E-09	2.32E-04	7.32E-08	2.13E-08	1.97E-05	6.21E-09	1.81E-09
3954 478363.09, 3853877.25	2.54E-04	8.03E-08	2.34E-08	3.96E-05	1.25E-08	3.64E-09	2.61E-04	8.24E-08	2.40E-08	4.58E-05	1.44E-08	4.20E-09	2.42E-04	7.65E-08	2.23E-08	2.09E-05	6.61E-09	1.92E-09
3955 478863.09, 3853877.25	2.12E-04	6.68E-08	1.94E-08	2.90E-05	9.14E-09	2.66E-09	2.16E-04	6.83E-08	1.99E-08	3.34E-05	1.06E-08	3.07E-09	2.04E-04	6.44E-08	1.87E-08	1.54E-05	4.86E-09	1.41E-09
3956 479363.09, 3853877.25	2.54E-04	8.00E-08	2.33E-08	3.86E-05	1.22E-08	3.54E-09	2.60E-04	8.21E-08	2.39E-08	4.46E-05	1.41E-08	4.09E-09	2.42E-04	7.65E-08	2.23E-08	2.04E-05	6.43E-09	1.87E-09

3957	479863.09, 3853877.25	3.70E-04	1.17E-07	3.40E-08	6.93E-05	2.19E-08	6.36E-09	3.82E-04	1.21E-07	3.51E-08	8.01E-05	2.53E-08	7.35E-09	3.47E-04	1.09E-07	3.18E-08	3.64E-05	1.15E-08	3.34E-09
3958	480363.09, 3853877.25	4.76E-04	1.50E-07	4.37E-08	9.93E-05	3.14E-08	9.12E-09	4.93E-04	1.56E-07	4.52E-08	1.15E-04	3.63E-08	1.06E-08	4.40E-04	1.39E-07	4.04E-08	5.20E-05	1.64E-08	4.77E-09
3959	480863.09, 3853877.25	6.81E-04	2.15E-07	6.25E-08	1.41E-04	4.44E-08	1.29E-08	7.05E-04	2.23E-07	6.48E-08	1.63E-04	5.14E-08	1.50E-08	6.31E-04	1.99E-07	5.79E-08	7.36E-05	2.32E-08	6.75E-09
3960	481363.09, 3853877.25	9.03E-04	2.85E-07	8.29E-08	1.67E-04	5.28E-08	1.54E-08	9.32E-04	2.94E-07	8.56E-08	1.94E-04	6.11E-08	1.78E-08	8.49E-04	2.68E-07	7.79E-08	8.74E-05	2.76E-08	8.02E-09
3961	481863.09, 3853877.25	1.37E-03	4.33E-07	1.26E-07	1.91E-04	6.01E-08	1.75E-08	1.40E-03	4.43E-07	1.29E-07	2.21E-04	6.96E-08	2.03E-08	1.33E-03	4.19E-07	1.22E-07	9.95E-05	3.14E-08	9.13E-09
3962	482363.09, 3853877.25	1.35E-03	4.25E-07	1.24E-07	2.15E-04	6.79E-08	1.98E-08	1.38E-03	4.37E-07	1.27E-07	2.49E-04	7.86E-08	2.29E-08	1.29E-03	4.07E-07	1.18E-07	1.12E-04	3.54E-08	1.03E-08
3963	482863.09, 3853877.25	1.22E-03	3.86E-07	1.12E-07	2.30E-04	7.25E-08	2.11E-08	1.26E-03	3.98E-07	1.16E-07	2.66E-04	8.40E-08	2.44E-08	1.15E-03	3.62E-07	1.05E-07	1.20E-04	3.79E-08	1.10E-08
3964	483363.09, 3853877.25	1.10E-03	3.48E-07	1.01E-07	3.08E-04	9.72E-08	2.83E-08	1.15E-03	3.64E-07	1.06E-07	3.56E-04	1.13E-07	3.27E-08	9.72E-04	3.07E-07	8.92E-08	1.61E-04	5.07E-08	1.47E-08
3965	483863.09, 3853877.25	1.05E-03	3.33E-07	9.68E-08	3.39E-04	1.07E-07	3.11E-08	1.11E-03	3.51E-07	1.02E-07	3.93E-04	1.24E-07	3.60E-08	9.02E-04	2.85E-07	8.28E-08	1.77E-04	5.58E-08	1.62E-08
3966	484363.09, 3853877.25	8.20E-04	2.59E-07	7.53E-08	2.54E-04	8.03E-08	2.34E-08	8.64E-04	2.73E-07	7.93E-08	2.95E-04	9.29E-08	2.70E-08	7.07E-04	2.23E-07	6.49E-08	1.33E-04	4.19E-08	1.22E-08
3967	484863.09, 3853877.25	6.38E-04	2.01E-07	5.86E-08	1.62E-04	5.11E-08	1.49E-08	6.66E-04	2.10E-07	6.11E-08	1.87E-04	5.91E-08	1.72E-08	5.71E-04	1.80E-07	5.24E-08	8.49E-05	2.68E-08	7.80E-09
3968	485363.09, 3853877.25	4.91E-04	1.55E-07	4.51E-08	8.60E-05	2.72E-08	7.90E-09	5.05E-04	1.59E-07	4.64E-08	9.94E-05	3.14E-08	9.13E-09	4.62E-04	1.46E-07	4.24E-08	4.55E-05	1.44E-08	4.18E-09
3969	485863.09, 3853877.25	5.76E-04	1.82E-07	5.28E-08	9.69E-05	3.06E-08	8.90E-09	5.92E-04	1.87E-07	5.43E-08	1.12E-04	3.53E-08	1.03E-08	5.44E-04	1.72E-07	5.00E-08	5.12E-05	1.62E-08	4.70E-09
3970	486363.09, 3853877.25	6.00E-04	1.89E-07	5.51E-08	9.93E-05	3.13E-08	9.11E-09	6.17E-04	1.95E-07	5.66E-08	1.15E-04	3.62E-08	1.05E-08	5.69E-04	1.79E-07	5.22E-08	5.24E-05	1.66E-08	4.81E-09
3971	486863.09, 3853877.25	6.40E-04	2.02E-07	5.88E-08	1.10E-04	3.48E-08	1.01E-08	6.59E-04	2.08E-07	6.05E-08	1.27E-04	4.02E-08	1.17E-08	6.04E-04	1.91E-07	5.54E-08	5.82E-05	1.84E-08	5.34E-09
3972	487363.09, 3853877.25	7.15E-04	2.26E-07	6.57E-08	1.40E-04	4.41E-08	1.28E-08	7.39E-04	2.33E-07	6.79E-08	1.62E-04	5.10E-08	1.48E-08	6.65E-04	2.10E-07	6.10E-08	7.36E-05	2.32E-08	6.76E-09
3973	487863.09, 3853877.25	8.17E-04	2.58E-07	7.50E-08	1.88E-04	5.95E-08	1.73E-08	8.49E-04	2.68E-07	7.79E-08	2.18E-04	6.88E-08	2.00E-08	7.43E-04	2.34E-07	6.82E-08	9.88E-05	3.12E-08	9.07E-09
3974	488363.09, 3853877.25	8.96E-04	2.83E-07	8.22E-08	2.23E-04	7.02E-08	2.04E-08	9.34E-04	2.95E-07	8.57E-08	2.57E-04	8.13E-08	2.36E-08	8.05E-04	2.54E-07	7.39E-08	1.17E-04	3.68E-08	1.07E-08
3975	488863.09, 3853877.25	1.00E-03	3.17E-07	9.21E-08	2.65E-04	8.35E-08	2.43E-08	1.05E-03	3.31E-07	9.62E-08	3.06E-04	9.66E-08	2.81E-08	8.92E-04	2.82E-07	8.19E-08	1.38E-04	4.37E-08	1.27E-08
3976	489363.09, 3853877.25	1.01E-03	3.18E-07	9.25E-08	2.67E-04	8.44E-08	2.46E-08	1.05E-03	3.33E-07	9.67E-08	3.10E-04	9.77E-08	2.84E-08	8.95E-04	2.83E-07	8.22E-08	1.40E-04	4.42E-08	1.29E-08
3977	489863.09, 3853877.25	1.07E-03	3.39E-07	9.86E-08	2.87E-04	9.07E-08	2.64E-08	1.12E-03	3.54E-07	1.03E-07	3.33E-04	1.05E-07	3.05E-08	9.52E-04	3.01E-07	8.74E-08	1.50E-04	4.75E-08	1.38E-08
3978	490363.09, 3853877.25	1.09E-03	3.44E-07	1.00E-07	2.93E-04	9.24E-08	2.69E-08	1.14E-03	3.60E-07	1.05E-07	3.39E-04	1.07E-07	3.11E-08	9.67E-04	3.05E-07	8.88E-08	1.53E-04	4.84E-08	1.41E-08
3979	490863.09, 3853877.25	1.10E-03	3.49E-07	1.01E-07	3.02E-04	9.55E-08	2.78E-08	1.16E-03	3.65E-07	1.06E-07	3.50E-04	1.10E-07	3.21E-08	9.76E-04	3.08E-07	8.96E-08	1.58E-04	4.99E-08	1.45E-08
3980	491363.09, 3853877.25	1.14E-03	3.61E-07	1.05E-07	3.12E-04	9.84E-08	2.86E-08	1.20E-03	3.78E-07	1.10E-07	3.61E-04	1.14E-07	3.31E-08	1.01E-03	3.19E-07	9.28E-08	1.63E-04	5.15E-08	1.50E-08
3981	491863.09, 3853877.25	1.19E-03	3.76E-07	1.09E-07	3.17E-04	1.00E-07	2.91E-08	1.24E-03	3.93E-07	1.14E-07	3.67E-04	1.16E-07	3.37E-08	1.06E-03	3.33E-07	9.69E-08	1.66E-04	5.24E-08	1.52E-08
3982	492363.09, 3853877.25	1.26E-03	3.98E-07	1.16E-07	3.29E-04	1.04E-07	3.02E-08	1.32E-03	4.16E-07	1.21E-07	3.81E-04	1.20E-07	3.50E-08	1.12E-03	3.54E-07	1.03E-07	1.72E-04	5.44E-08	1.58E-08
3983	492863.09, 3853877.25	1.29E-03	4.07E-07	1.18E-07	3.31E-04	1.04E-07	3.03E-08	1.35E-03	4.25E-07	1.24E-07	3.82E-04	1.21E-07	3.51E-08	1.15E-03	3.63E-07	1.06E-07	1.73E-04	5.46E-08	1.59E-08
3984	493363.09, 3853877.25	1.26E-03	3.99E-07	1.16E-07	3.20E-04	1.01E-07	2.93E-08	1.32E-03	4.16E-07	1.21E-07	3.70E-04	1.17E-07	3.39E-08	1.13E-03	3.57E-07	1.04E-07	1.67E-04	5.28E-08	1.54E-08
3985	493863.09, 3853877.25	1.23E-03	3.88E-07	1.13E-07	3.04E-04	9.58E-08	2.79E-08	1.28E-03	4.04E-07	1.18E-07	3.51E-04	1.11E-07	3.22E-08	1.10E-03	3.49E-07	1.01E-07	1.59E-04	5.02E-08	1.46E-08
3986	494363.09, 3853877.25	1.22E-03	3.86E-07	1.12E-07	2.90E-04	9.15E-08	2.66E-08	1.27E-03	4.01E-07	1.17E-07	3.35E-04	1.06E-07	3.08E-08	1.10E-03	3.48E-07	1.01E-07	1.52E-04	4.80E-08	1.40E-08
3987	494863.09, 3853877.25	1.18E-03	3.73E-07	1.09E-07	2.70E-04	8.52E-08	2.48E-08	1.23E-03	3.88E-07	1.13E-07	3.12E-04	9.85E-08	2.87E-08	1.07E-03	3.39E-07	9.87E-08	1.42E-04	4.47E-08	1.30E-08
3988	495363.09, 3853877.25	1.06E-03	3.36E-07	9.76E-08	2.32E-04	7.32E-08	2.13E-08	1.10E-03	3.48E-07	1.01E-07	2.68E-04	8.46E-08	2.46E-08	9.73E-04	3.07E-07	8.93E-08	1.22E-04	3.85E-08	1.12E-08
3989	495863.09, 3853877.25	9.82E-04	3.10E-07	9.01E-08	2.03E-04	6.40E-08	1.86E-08	1.02E-03	3.21E-07	9.33E-08	2.34E-04	7.40E-08	2.15E-08	9.04E-04	2.85E-07	8.30E-08	1.07E-04	3.37E-08	9.80E-09
3990	496363.09, 3853877.25	9.40E-04	2.97E-07	8.63E-08	1.84E-04	5.82E-08	1.69E-08	9.71E-04	3.06E-07	8.91E-08	2.13E-04	6.73E-08	1.96E-08	8.71E-04	2.75E-07	7.99E-08	9.72E-05	3.07E-08	8.93E-09
3991	496863.09, 3853877.25	8.55E-04	2.70E-07	7.85E-08	1.56E-04	4.92E-08	1.43E-08	8.82E-04	2.78E-07	8.09E-08	1.80E-04	5.68E-08	1.65E-08	7.99E-04	2.52E-07	7.34E-08	8.24E-05	2.60E-08	7.56E-09
3992	497363.09, 3853877.25	7.87E-04	2.48E-07	7.22E-08	1.33E-04	4.20E-08	1.22E-08	8.09E-04	2.55E-07	7.43E-08	1.54E-04	4.85E-08	1.41E-08	7.40E-04	2.34E-07	6.80E-08	7.06E-05	2.23E-08	6.48E-09
3993	497863.09, 3853877.25	6.91E-04	2.18E-07	6.35E-08	1.06E-04	3.33E-08	9.69E-09	7.09E-04	2.24E-07	6.51E-08	1.22E-04	3.84E-08	1.12E-08	6.57E-04	2.07E-07	6.03E-08	5.62E-05	1.78E-08	5.16E-09
3994	498363.09, 3853877.25	6.33E-04	2.00E-07	5.81E-08	9.01E-05	2.84E-08	8.27E-09	6.48E-04	2.04E-07	5.95E-08	1.04E-04	3.28E-08	9.53E-09	6.05E-04	1.91E-07	5.55E-08	4.82E-05	1.52E-08	4.42E-09
3995	471363.09, 3854377.25	2.25E-04	7.10E-08	2.07E-08	2.97E-05	9.38E-09	2.73E-09	2.30E-04	7.26E-08	2.11E-08	3.43E-05	1.08E-08	3.15E-09	2.18E-04	6.87E-08	2.00E-08	1.57E-05	4.97E-09	1.44E-09
3996	471863.09, 3854377.25	2.44E-04	7.69E-08	2.24E-08	3.25E-05	1.03E-08	2.98E-09	2.49E-04	7.87E-08	2.29E-08	3.75E-05	1.18E-08	3.45E-09	2.36E-04	7.44E-08	2.16E-08	1.72E-05	5.43E-09	1.58E-09
3997	472363.09, 3854377.25	2.58E-04	8.13E-08	2.36E-08	3.49E-05	1.10E-08	3.21E-09	2.63E-04	8.32E-08	2.42E-08	4.03E-05	1.27E-08	3.70E-09	2.49E-04	7.85E-08	2.28E-08	1.85E-05	5.83E-09	1.70E-09
3998	472863.09, 3854377.25	2.68E-04	8.45E-08	2.46E-08	3.71E-05	1.17E-08	3.41E-09	2.74E-04	8.65E-08	2.52E-08	4.29E-05	1.35E-08	3.94E-09	2.58E-04	8.14E-08	2.37E-08	1.96E-05	6.20E-09	1.80E-09
3999	473363.09, 3854377.25	2.81E-04	8.88E-08	2.58E-08	4.01E-05	1.27E-08	3.68E-09	2.88E-04	9.09E-08	2.64E-08	4.64E-05	1.46E-08	4.26E-09	2.70E-04	8.53E-08	2.48E-08	2.12E-05	6.69E-09	1.95E-09
4000	473863.09, 3854377.25	2.97E-04	9.38E-08	2.73E-08	4.38E-05	1.38E-08	4.02E-09	3.05E-04	9.62E-08	2.80E-08	5.07E-05	1.60E-08	4.65E-09	2.85E-04	8.99E-08	2.62E-08	2.32E-05	7.31E-09	2.13E-09
4001	474363.09, 3854377.25	3.11E-04	9.81E-08	2.85E-08	4.77E-05	1.51E-08	4.38E-09	3.19E-04	1.01E-07	2.93E-08	5.51E-05	1.74E-08	5.06E-09	2.97E-04	9.37E-08	2.73E-08	2.52E-05	7.94E-09	2.31E-09
4002	474863.09, 3854377.25	3.01E-04	9.49E-08	2.76E-08	4.77E-05	1.51E-08	4.38E-09	3.09E-04	9.74E-08	2.83E-08	5.51E-05	1.74E-08	5.06E-09	2.86E-04	9.03E-08	2.63E-08	2.52E-05	7.94E-09	2.31E-09
4003	475363.09, 3854377.25	2.75E-04	8.67E-08	2.52E-08	4.31E-05	1.36E-08	3.96E-09	2.82E-04	8.90E-08	2.59E-08	4.98E-05	1.57E-08	4.57E-09	2.62E-04	8.25E-08	2.40E-08	2.28E-05	7.19E-09	2.09E-09
4004	475863.09, 3854377.25	2.24E-04	7.08E-08	2.06E-08	3.07E-05	9.69E-09	2.82E-09	2.30E-04	7.24E-08	2.11E-08	3.54E-05	1.12E-08	3.25E-09	2.16E-04	6.82E-08	1.98E-08	1.63E-05	5.15E-09	1.50E-09
4005	476363.09, 3854377.25	2.16E-04	6.83E-08	1.99E-08	2.80E-05	8.82E-09	2.57E-09	2.21E-04	6.98E-08	2.03E-08	3.23E-05	1.02E-08	2.96E-09	2.09E-04	6.61E-08	1.92E-08	1.49E-05	4.70E-09	1.37E-09
4006	476863.09, 3854377.25	2.17E-04	6.84E-08	1.99E-08	2.73E-05	8.62E-09	2.51E-09	2.21E-04	6.98E-08	2.03E-08	3.15E-05	9.94E-09	2.89E-09	2.10E-04	6.63E-08	1.93E-08	1.46E-05	4.60E-09	1.34E-09
4007	477363.09, 3854377.25	2.19E-04	6.92E-08	2.01E-08	2.74E-05	8.65E-09	2.52E-09	2.24E-04	7.07E-08	2.06E-08	3.16E-05	9.98E-09	2.90E-09	2.13E-04	6.71E-08	1.95E-08	1.46E-05	4.62E-09	1.34E-09
4008	477863.09, 3854377.25	2.24E-04	7.07E-08	2.06E-08	2.83E-05	8.93E-09	2.60E-09	2.29E-04	7.22E-08	2.10E-08	3.26E-05	1.03E-08	3.00E-09	2.17E-04	6.86E-08	1.99E-08	1.51E-05	4.76E-09	1.39E-09
4009	478363.09, 3854377.25	2.46E-04	7.76E-08	2.26E-08	3.35E-05	1.06E-08	3.07E-09	2.52E-04	7.94E-08	2.31E-08	3.86E-05	1.22E-08	3.55E-09	2.37E-04	7.48E-08	2.18E-08	1.78E-05	5.61E-09	1.63E-09
4010	478863.09, 3854377.25	2.63E-04	8.29E-08	2.41E-08	3.70E-05	1.17E-08	3.40E-09	2.69E-04	8.48E-08	2.47E-08	4.28E-05	1.35E-08	3.93E-09	2.52E-04	7.97E-08	2.32E-08	1.97E-05	6.20E-09	1.80E-09
4011	479363.09, 3854377.25	3.45E-04	1.09E-07	3.17E-08	5.76E-05	1.82E-08	5.29E-09	3.55E-04	1.12E-07	3.26E-08	6.66E-05	2.10E-08	6.11E-09	3.27E-04	1.03E-07	3.00E-08	3.04E-05	9.58E-09	2.79E-09
4012	479863.09, 3854377.25	4.14E-04	1.31E-07	3.80E-08	7.64E-05	2.41E-08	7.01E-09	4.27E-04	1.35E-07	3.92E-08	8.83E-05	2.79E-08	8.11E-09	3.88E-04	1.23E-07	3.57E-08	4.01E-05	1.27E-08	3.68E-09
4013	480363.09, 3854377.25	5.24E-04	1.65E-07	4.81E-08	1.07E-04	3.36E-08	9.78E-09	5.42E-04	1.71E-07	4.97E-08	1.23E-04	3.89E-08	1.13E-08	4.85E-04	1.53E-07	4.45E-08	5.58E-05	1.76E-08	5.12E-09
4014	480863.09, 3854377.25	7.14E-04	2.25E-07	6.55E-08	1.57E-04	4.97E-08	1.45E-08	7.41E-04	2.34E-07	6.80E-08	1.82E-04	5.75E-08	1.67E-08	6.55E-04	2.07E-07	6.01E-08	8.23E-05	2.60E-08	7.55E-09
4015	481363.09, 3854377.25	9.48E-04	2.99E-07	8.70E-08	2.00E-04	6.33E-08	1.84E-08	9.82E-04	3.10E-07	9.02E-08	2.32E-04	7.32E-08	2.13E-08	8.75E-04	2.76E-07	8.04E-08	1.05E-04	3.30E-08	9.61E-09
4016	481863.09, 3854377.25	1.75E-03	5.51E-07	1.60E-07	2.28E-04	7.20E-08	2.09E-08	1.79E-03	5.63E-07	1.64E-07	2.64E-04	8.33E-08	2.42E-08	1.70E-03	5.37E-07	1.56E-07	1.19E-04	3.76E-08	1.09E-08
4017	482363.09, 3854377.25	2.01E-03	6.34E-07	1.84E-07	2.64E-04	8.32E-08	2.42E-08	2.05E-03	6.48E-07	1.89E-07	3.05E-04	9.63E-08	2.80E-08	1.96E-03	6.17E-07	1.80E-07	1.38E-04	4.34E-08	1.26E-08
4018	482863.09, 3854377.25	1.77E-03	5.59E-07	1.63E-07	3.29E-04	1.04E-07	3.02E-08	1.83E-03	5.77E-07	1.68E-07	3.81E-04	1.20E-07	3.49E-08	1.67E-03	5.26E-07	1.53E-07	1.72E-04	5.42E-08	1.58E-08
4019	483363.09, 3854377.25	1.54E-03	4.85E-07	1.41E-07	3.99E-04	1.26E-07	3.66E-08	1.61E-03	5.07E-07	1.47E-07	4.62E-04	1.46E-07	4.24E-08	1.38E-03	4.34E-07	1.26E-07	2.08E-04	6.57E-08	1.91E-08
4020	483863.09, 3854377.25	1.40E-03	4.40E-07	1.28E-07	4.80E-04	1.51E-07	4.40E-08	1.48E-03	4.66E-07	1.36E-07	5.55E-04	1.75E-07	5.10E-08	1.17E-03	3.70E-07	1.08E-07	2.50E-04	7.90E-08	2.30E-08
4021	484363.09, 3854377.25	1.14E-03	3.59E-07	1.04E-07	3.40E-04	1.07E-07	3.12E-08	1.20E-03	3.78E-07	1.10E-07	3.93E-04	1.24E-07	3.61E-08	9.88E-04	3.12E-07	9.07E-08	1.78E-04	5.61E-08	1.63E-08
4022	484863.09, 3854377.25	8.99E-04	2.84E-07	8.26E-08	1.80E-04	5.69E-08	1.65E-08	9.30E-04	2.94E-07	8.54E-08	2.08E-04	6.58E-08	1.91E-08	8.34E-04	2.63E-07	7.66E-08	9.49E-05	2.99E-08	8.71E-09

4023	485363.09, 3854377.25	1.07E-03	3.37E-07	9.81E-08	2.14E-04	6.77E-08	1.97E-08	1.10E-03	3.49E-07	1.01E-07	2.48E-04	7.83E-08	2.28E-08	9.92E-04	3.13E-07	9.10E-08	1.13E-04	3.55E-08	1.03E-08
4024	485863.09, 3854377.25	1.00E-03	3.16E-07	9.19E-08	1.88E-04	5.94E-08	1.73E-08	1.03E-03	3.26E-07	9.48E-08	2.18E-04	6.87E-08	2.00E-08	9.36E-04	2.95E-07	8.59E-08	9.90E-05	3.12E-08	9.09E-09
4025	486363.09, 3854377.25	1.14E-03	3.59E-07	1.04E-07	2.59E-04	8.17E-08	2.38E-08	1.18E-03	3.73E-07	1.08E-07	2.99E-04	9.45E-08	2.75E-08	1.04E-03	3.27E-07	9.52E-08	1.36E-04	4.28E-08	1.25E-08
4026	486863.09, 3854377.25	1.20E-03	3.78E-07	1.10E-07	2.97E-04	9.37E-08	2.73E-08	1.25E-03	3.94E-07	1.15E-07	3.43E-04	1.08E-07	3.15E-08	1.08E-03	3.40E-07	9.88E-08	1.56E-04	4.91E-08	1.43E-08
4027	487363.09, 3854377.25	1.34E-03	4.22E-07	1.23E-07	3.62E-04	1.14E-07	3.32E-08	1.40E-03	4.42E-07	1.29E-07	4.19E-04	1.32E-07	3.84E-08	1.18E-03	3.74E-07	1.09E-07	1.89E-04	5.98E-08	1.74E-08
4028	487863.09, 3854377.25	1.47E-03	4.63E-07	1.35E-07	4.39E-04	1.39E-07	4.03E-08	1.54E-03	4.87E-07	1.42E-07	5.08E-04	1.60E-07	4.66E-08	1.27E-03	4.02E-07	1.17E-07	2.29E-04	7.23E-08	2.10E-08
4029	488363.09, 3854377.25	1.57E-03	4.96E-07	1.44E-07	4.88E-04	1.54E-07	4.48E-08	1.65E-03	5.22E-07	1.52E-07	5.65E-04	1.78E-07	5.19E-08	1.35E-03	4.27E-07	1.24E-07	2.55E-04	8.04E-08	2.34E-08
4030	488863.09, 3854377.25	1.65E-03	5.21E-07	1.52E-07	5.21E-04	1.65E-07	4.79E-08	1.74E-03	5.49E-07	1.60E-07	6.03E-04	1.90E-07	5.54E-08	1.42E-03	4.47E-07	1.30E-07	2.72E-04	8.59E-08	2.50E-08
4031	489363.09, 3854377.25	1.70E-03	5.37E-07	1.56E-07	5.33E-04	1.68E-07	4.89E-08	1.79E-03	5.66E-07	1.65E-07	6.17E-04	1.95E-07	5.66E-08	1.46E-03	4.62E-07	1.34E-07	2.78E-04	8.78E-08	2.55E-08
4032	489863.09, 3854377.25	1.73E-03	5.45E-07	1.58E-07	5.28E-04	1.67E-07	4.85E-08	1.82E-03	5.73E-07	1.67E-07	6.12E-04	1.93E-07	5.62E-08	1.49E-03	4.70E-07	1.37E-07	2.76E-04	8.71E-08	2.53E-08
4033	490363.09, 3854377.25	1.68E-03	5.30E-07	1.54E-07	5.13E-04	1.62E-07	4.71E-08	1.77E-03	5.57E-07	1.62E-07	5.94E-04	1.87E-07	5.45E-08	1.45E-03	4.58E-07	1.33E-07	2.68E-04	8.45E-08	2.46E-08
4034	490863.09, 3854377.25	1.44E-03	4.55E-07	1.32E-07	4.26E-04	1.34E-07	3.91E-08	1.52E-03	4.78E-07	1.39E-07	4.93E-04	1.55E-07	4.52E-08	1.26E-03	3.96E-07	1.15E-07	2.22E-04	7.02E-08	2.04E-08
4035	491363.09, 3854377.25	1.60E-03	5.04E-07	1.47E-07	4.62E-04	1.46E-07	4.24E-08	1.68E-03	5.29E-07	1.54E-07	5.34E-04	1.69E-07	4.90E-08	1.39E-03	4.40E-07	1.28E-07	2.41E-04	7.61E-08	2.21E-08
4036	491863.09, 3854377.25	1.71E-03	5.39E-07	1.57E-07	4.79E-04	1.51E-07	4.39E-08	1.79E-03	5.65E-07	1.64E-07	5.54E-04	1.75E-07	5.09E-08	1.50E-03	4.73E-07	1.38E-07	2.50E-04	7.90E-08	2.30E-08
4037	492363.09, 3854377.25	1.73E-03	5.47E-07	1.59E-07	4.72E-04	1.49E-07	4.34E-08	1.81E-03	5.73E-07	1.67E-07	5.47E-04	1.73E-07	5.02E-08	1.53E-03	4.83E-07	1.41E-07	2.47E-04	7.80E-08	2.27E-08
4038	492863.09, 3854377.25	1.69E-03	5.33E-07	1.55E-07	4.49E-04	1.42E-07	4.13E-08	1.76E-03	5.57E-07	1.62E-07	5.20E-04	1.64E-07	4.77E-08	1.50E-03	4.73E-07	1.37E-07	2.35E-04	7.42E-08	2.16E-08
4039	493363.09, 3854377.25	1.63E-03	5.16E-07	1.50E-07	4.19E-04	1.32E-07	3.84E-08	1.71E-03	5.38E-07	1.57E-07	4.84E-04	1.53E-07	4.45E-08	1.46E-03	4.61E-07	1.34E-07	2.19E-04	6.92E-08	2.01E-08
4040	493863.09, 3854377.25	1.59E-03	5.01E-07	1.46E-07	3.88E-04	1.22E-07	3.56E-08	1.65E-03	5.22E-07	1.52E-07	4.49E-04	1.42E-07	4.12E-08	1.43E-03	4.51E-07	1.31E-07	2.03E-04	6.42E-08	1.87E-08
4041	494363.09, 3854377.25	1.53E-03	4.83E-07	1.40E-07	3.59E-04	1.13E-07	3.30E-08	1.59E-03	5.02E-07	1.46E-07	4.15E-04	1.31E-07	3.81E-08	1.38E-03	4.37E-07	1.27E-07	1.88E-04	5.94E-08	1.73E-08
4042	494863.09, 3854377.25	1.31E-03	4.12E-07	1.20E-07	2.91E-04	9.18E-08	2.67E-08	1.35E-03	4.28E-07	1.24E-07	3.36E-04	1.06E-07	3.09E-08	1.19E-03	3.75E-07	1.09E-07	1.53E-04	4.82E-08	1.40E-08
4043	495363.09, 3854377.25	1.11E-03	3.50E-07	1.02E-07	2.28E-04	7.20E-08	2.09E-08	1.15E-03	3.62E-07	1.05E-07	2.64E-04	8.33E-08	2.42E-08	1.02E-03	3.22E-07	9.38E-08	1.20E-04	3.79E-08	1.10E-08
4044	495863.09, 3854377.25	1.00E-03	3.16E-07	9.19E-08	1.90E-04	6.01E-08	1.75E-08	1.03E-03	3.26E-07	9.49E-08	2.20E-04	6.94E-08	2.02E-08	9.31E-04	2.94E-07	8.55E-08	1.01E-04	3.17E-08	9.23E-09
4045	496363.09, 3854377.25	9.57E-04	3.02E-07	8.79E-08	1.71E-04	5.41E-08	1.57E-08	9.86E-04	3.11E-07	9.05E-08	1.98E-04	6.25E-08	1.82E-08	8.96E-04	2.83E-07	8.22E-08	9.07E-05	2.86E-08	8.33E-09
4046	496863.09, 3854377.25	8.89E-04	2.81E-07	8.17E-08	1.49E-04	4.69E-08	1.37E-08	9.14E-04	2.89E-07	8.40E-08	1.72E-04	5.42E-08	1.58E-08	8.38E-04	2.65E-07	7.70E-08	7.89E-05	2.49E-08	7.24E-09
4047	497363.09, 3854377.25	7.79E-04	2.46E-07	7.16E-08	1.17E-04	3.71E-08	1.08E-08	7.99E-04	2.52E-07	7.34E-08	1.35E-04	4.27E-08	1.24E-08	7.41E-04	2.34E-07	6.81E-08	6.26E-05	1.98E-08	5.75E-09
4048	497863.09, 3854377.25	7.99E-04	2.52E-07	7.33E-08	1.19E-04	3.75E-08	1.09E-08	8.19E-04	2.58E-07	7.52E-08	1.37E-04	4.32E-08	1.26E-08	7.61E-04	2.40E-07	6.99E-08	6.33E-05	2.00E-08	5.81E-09
4049	498363.09, 3854377.25	7.35E-04	2.32E-07	6.74E-08	1.02E-04	3.22E-08	9.37E-09	7.52E-04	2.37E-07	6.90E-08	1.18E-04	3.71E-08	1.08E-08	7.04E-04	2.22E-07	6.46E-08	5.46E-05	1.72E-08	5.01E-09
4050	471363.09, 3854877.25	2.29E-04	7.24E-08	2.11E-08	3.12E-05	9.83E-09	2.86E-09	2.35E-04	7.41E-08	2.16E-08	3.60E-05	1.14E-08	3.30E-09	2.22E-04	7.00E-08	2.03E-08	1.65E-05	5.20E-09	1.51E-09
4051	471863.09, 3854877.25	2.45E-04	7.72E-08	2.25E-08	3.35E-05	1.06E-08	3.07E-09	2.50E-04	7.90E-08	2.30E-08	3.87E-05	1.22E-08	3.55E-09	2.36E-04	7.46E-08	2.17E-08	1.77E-05	5.58E-09	1.62E-09
4052	472363.09, 3854877.25	2.58E-04	8.15E-08	2.37E-08	3.56E-05	1.12E-08	3.26E-09	2.64E-04	8.34E-08	2.43E-08	4.11E-05	1.30E-08	3.77E-09	2.49E-04	7.86E-08	2.29E-08	1.88E-05	5.93E-09	1.72E-09
4053	472863.09, 3854877.25	2.65E-04	8.36E-08	2.43E-08	3.68E-05	1.16E-08	3.38E-09	2.71E-04	8.56E-08	2.49E-08	4.25E-05	1.34E-08	3.90E-09	2.55E-04	8.06E-08	2.34E-08	1.94E-05	6.14E-09	1.78E-09
4054	473363.09, 3854877.25	2.87E-04	9.04E-08	2.63E-08	4.00E-05	1.26E-08	3.67E-09	2.93E-04	9.26E-08	2.69E-08	4.63E-05	1.46E-08	4.25E-09	2.76E-04	8.71E-08	2.53E-08	2.11E-05	6.67E-09	1.94E-09
4055	473863.09, 3854877.25	3.07E-04	9.68E-08	2.82E-08	4.33E-05	1.37E-08	3.97E-09	3.14E-04	9.91E-08	2.88E-08	5.00E-05	1.58E-08	4.59E-09	2.95E-04	9.32E-08	2.71E-08	2.28E-05	7.21E-09	2.10E-09
4056	474363.09, 3854877.25	3.34E-04	1.05E-07	3.07E-08	4.76E-05	1.50E-08	4.37E-09	3.42E-04	1.08E-07	3.14E-08	5.50E-05	1.74E-08	5.05E-09	3.21E-04	1.01E-07	2.95E-08	2.51E-05	7.93E-09	2.31E-09
4057	474863.09, 3854877.25	2.95E-04	9.33E-08	2.71E-08	4.30E-05	1.36E-08	3.95E-09	3.03E-04	9.56E-08	2.78E-08	4.97E-05	1.57E-08	4.56E-09	2.83E-04	8.94E-08	2.60E-08	2.27E-05	7.18E-09	2.09E-09
4058	475363.09, 3854877.25	2.54E-04	8.03E-08	2.33E-08	3.51E-05	1.11E-08	3.23E-09	2.60E-04	8.21E-08	2.39E-08	4.06E-05	1.28E-08	3.73E-09	2.45E-04	7.73E-08	2.25E-08	1.86E-05	5.89E-09	1.71E-09
4059	475863.09, 3854877.25	2.20E-04	6.96E-08	2.02E-08	2.72E-05	8.59E-09	2.50E-09	2.25E-04	7.10E-08	2.07E-08	3.14E-05	9.91E-09	2.88E-09	2.14E-04	6.76E-08	1.96E-08	1.45E-05	4.58E-09	1.33E-09
4060	476363.09, 3854877.25	1.82E-04	5.74E-08	1.67E-08	1.85E-05	5.83E-09	1.70E-09	1.85E-04	5.83E-08	1.70E-08	2.13E-05	6.72E-09	1.95E-09	1.79E-04	5.64E-08	1.64E-08	9.99E-06	3.15E-09	9.17E-10
4061	476863.09, 3854877.25	1.85E-04	5.83E-08	1.70E-08	1.87E-05	5.89E-09	1.71E-09	1.88E-04	5.93E-08	1.73E-08	2.15E-05	6.78E-09	1.97E-09	1.82E-04	5.73E-08	1.67E-08	1.01E-05	3.19E-09	9.26E-10
4062	477363.09, 3854877.25	2.08E-04	6.58E-08	1.91E-08	2.27E-05	7.15E-09	2.08E-09	2.12E-04	6.69E-08	1.95E-08	2.61E-05	8.24E-09	2.40E-09	2.04E-04	6.44E-08	1.87E-08	1.22E-05	3.85E-09	1.12E-09
4063	477863.09, 3854877.25	2.31E-04	7.29E-08	2.12E-08	2.66E-05	8.41E-09	2.45E-09	2.35E-04	7.43E-08	2.16E-08	3.07E-05	9.69E-09	2.82E-09	2.25E-04	7.11E-08	2.07E-08	1.43E-05	4.50E-09	1.31E-09
4064	478363.09, 3854877.25	2.76E-04	8.72E-08	2.54E-08	3.58E-05	1.13E-08	3.28E-09	2.82E-04	8.91E-08	2.59E-08	4.13E-05	1.30E-08	3.79E-09	2.67E-04	8.44E-08	2.46E-08	1.90E-05	6.01E-09	1.75E-09
4065	478863.09, 3854877.25	3.42E-04	1.08E-07	3.14E-08	5.06E-05	1.60E-08	4.65E-09	3.51E-04	1.11E-07	3.22E-08	5.85E-05	1.85E-08	5.37E-09	3.28E-04	1.03E-07	3.01E-08	2.68E-05	8.46E-09	2.46E-09
4066	479363.09, 3854877.25	4.35E-04	1.37E-07	3.99E-08	7.46E-05	2.36E-08	6.85E-09	4.48E-04	1.41E-07	4.11E-08	8.63E-05	2.72E-08	7.92E-09	4.11E-04	1.30E-07	3.77E-08	3.93E-05	1.24E-08	3.61E-09
4067	479863.09, 3854877.25	5.59E-04	1.77E-07	5.13E-08	1.08E-04	3.42E-08	9.95E-09	5.78E-04	1.82E-07	5.30E-08	1.25E-04	3.96E-08	1.15E-08	5.21E-04	1.64E-07	4.78E-08	5.69E-05	1.80E-08	5.22E-09
4068	480363.09, 3854877.25	6.97E-04	2.20E-07	6.40E-08	1.44E-04	4.54E-08	1.32E-08	7.22E-04	2.28E-07	6.63E-08	1.67E-04	5.26E-08	1.53E-08	6.45E-04	2.04E-07	5.92E-08	7.54E-05	2.38E-08	6.92E-09
4069	480863.09, 3854877.25	9.50E-04	3.00E-07	8.72E-08	1.99E-04	6.28E-08	1.83E-08	9.84E-04	3.11E-07	9.04E-08	2.30E-04	7.27E-08	2.11E-08	8.78E-04	2.77E-07	8.06E-08	1.04E-04	3.28E-08	9.55E-09
4070	481363.09, 3854877.25	1.18E-03	3.72E-07	1.08E-07	2.42E-04	7.63E-08	2.22E-08	1.22E-03	3.86E-07	1.12E-07	2.80E-04	8.83E-08	2.57E-08	1.09E-03	3.46E-07	1.00E-07	1.26E-04	3.98E-08	1.16E-08
4071	481863.09, 3854877.25	1.27E-03	3.99E-07	1.16E-07	2.68E-04	8.47E-08	2.46E-08	1.31E-03	4.14E-07	1.20E-07	3.11E-04	9.81E-08	2.85E-08	1.17E-03	3.69E-07	1.07E-07	1.40E-04	4.42E-08	1.29E-08
4072	482363.09, 3854877.25	3.40E-03	1.07E-06	3.12E-07	3.40E-04	1.07E-07	3.12E-08	3.45E-03	1.09E-06	3.17E-07	3.93E-04	1.24E-07	3.61E-08	3.37E-03	1.06E-06	3.10E-07	1.77E-04	5.60E-08	1.63E-08
4073	482863.09, 3854877.25	4.68E-03	1.48E-06	4.29E-07	4.38E-04	1.38E-07	4.02E-08	4.75E-03	1.50E-06	4.36E-07	5.07E-04	1.60E-07	4.65E-08	4.66E-03	1.47E-06	4.28E-07	2.30E-04	7.27E-08	2.11E-08
4074	483363.09, 3854877.25	4.81E-03	1.52E-06	4.42E-07	5.96E-04	1.88E-07	5.47E-08	4.91E-03	1.55E-06	4.51E-07	6.88E-04	2.17E-07	6.32E-08	4.69E-03	1.48E-06	4.30E-07	3.18E-04	1.00E-07	2.92E-08
4075	483863.09, 3854877.25	4.13E-03	1.30E-06	3.79E-07	8.79E-04	2.77E-07	8.07E-08	4.28E-03	1.35E-06	3.93E-07	1.02E-03	3.21E-07	9.33E-08	3.81E-03	1.20E-06	3.49E-07	4.60E-04	1.45E-07	4.23E-08
4076	484363.09, 3854877.25	3.43E-03	1.08E-06	3.15E-07	1.06E-03	3.36E-07	9.76E-08	3.61E-03	1.14E-06	3.32E-07	1.23E-03	3.89E-07	1.13E-07	2.96E-03	9.35E-07	2.72E-07	5.55E-04	1.75E-07	5.09E-08
4077	484863.09, 3854877.25	2.92E-03	9.22E-07	2.68E-07	8.86E-04	2.80E-07	8.14E-08	3.07E-03	9.70E-07	2.82E-07	1.03E-03	3.24E-07	9.42E-08	2.53E-03	7.99E-07	2.33E-07	4.62E-04	1.46E-07	4.24E-08
4078	485363.09, 3854877.25	2.94E-03	9.28E-07	2.70E-07	1.05E-03	3.33E-07	9.68E-08	3.12E-03	9.86E-07	2.87E-07	1.22E-03	3.85E-07	1.12E-07	2.45E-03	7.74E-07	2.25E-07	5.49E-04	1.73E-07	5.04E-08
4079	485863.09, 3854877.25	2.82E-03	8.89E-07	2.59E-07	1.08E-03	3.39E-07	9.87E-08	3.00E-03	9.48E-07	2.76E-07	1.25E-03	3.93E-07	1.14E-07	2.31E-03	7.28E-07	2.12E-07	5.60E-04	1.77E-07	5.14E-08
4080	486363.09, 3854877.25	2.66E-03	8.38E-07	2.44E-07	1.00E-03	3.17E-07	9.21E-08	2.83E-03	8.93E-07	2.60E-07	1.16E-03	3.66E-07	1.07E-07	2.18E-03	6.89E-07	2.00E-07	5.23E-04	1.65E-07	4.80E-08
4081	486863.09, 3854877.25	2.52E-03	7.97E-07	2.32E-07	9.40E-04	2.97E-07	8.63E-08	2.69E-03	8.48E-07	2.47E-07	1.09E-03	3.44E-07	9.99E-08	2.08E-03	6.57E-07	1.91E-07	4.90E-04	1.55E-07	4.50E-08
4082	487363.09, 3854877.25	2.65E-03	8.35E-07	2.43E-07	9.78E-04	3.09E-07	8.98E-08	2.81E-03	8.88E-07	2.58E-07	1.13E-03	3.57E-07	1.04E-07	2.18E-03	6.89E-07	2.01E-07	5.10E-04	1.61E-07	4.68E-08
4083	487863.09, 3854877.25	2.66E-03	8.40E-07	2.44E-07	9.94E-04	3.14E-07	9.13E-08	2.83E-03	8.94E-07	2.60E-07	1.15E-03	3.63E-07	1.06E-07	2.19E-03	6.93E-07	2.01E-07	5.18E-04	1.63E-07	4.75E-08
4084	488363.09, 3854877.25	2.70E-03	8.52E-07	2.48E-07	9.96E-04	3.14E-07	9.15E-08	2.87E-03	9.06E-07	2.63E-07	1.15E-03	3.64E-07	1.06E-07	2.23E-03	7.04E-07	2.05E-07	5.19E-04	1.64E-07	4.76E-08
4085	488863.09, 3854877.25	2.74E-03	8.66E-07	2.52E-07	9.89E-04	3.12E-07	9.08E-08	2.91E-03	9.20E-07	2.68E-07	1.15E-03	3.61E-07	1.05E-07	2.28E-03	7.21E-07	2.10E-07	5.15E-04	1.63E-07	4.73E-08
4086	489363.09, 3854877.25	2.71E-03	8.57E-07	2.49E-07	9.40E-04	2.97E-07	8.63E-08	2.88E-03	9.08E-07	2.64E-07	1.09E-03	3.43E-07	9.99E-08	2.28E-03	7.20E-07	2.09E-07	4.90E-04	1.55E-07	4.50E-08
4087	489863.09, 3854877.25	2.54E-03	8.03E-07	2.34E-07	8.53E-04	2.69E-07	7.83E-08	2.69E-03	8.49E-07	2.47E-07	9.88E-04	3.12E-07	9.07E-08	2.15E-03	6.80E-07	1.98E-07	4.45E-04	1.40E-07	4.08E-08
4088	490363.09, 3854877.25	1.98E-03	6.25E-07	1.82E-07	6.40E-04	2.02E-07	5.87E-08	2.09E-03	6.60E-07	1.92E-07	7.40E-04	2.34E-07	6.80E-08	1.69E-03	5.34E-07	1.55E-07	3.34E-04	1.05E-07	3.06E-08

4089 490863.09, 3854877.25	1.54E-03	4.87E-07	1.42E-07	4.49E-04	1.42E-07	4.13E-08	1.62E-03	5.11E-07	1.49E-07	5.20E-04	1.64E-07	4.77E-08	1.35E-03	4.25E-07	1.24E-07	2.35E-04	7.41E-08	2.16E-08
4090 491363.09, 3854877.25	1.66E-03	5.25E-07	1.53E-07	4.76E-04	1.50E-07	4.37E-08	1.74E-03	5.50E-07	1.60E-07	5.50E-04	1.74E-07	5.05E-08	1.45E-03	4.59E-07	1.34E-07	2.49E-04	7.85E-08	2.28E-08
4091 491863.09, 3854877.25	2.27E-03	7.17E-07	2.09E-07	6.54E-04	2.06E-07	6.00E-08	2.38E-03	7.52E-07	2.19E-07	7.57E-04	2.39E-07	6.95E-08	1.99E-03	6.27E-07	1.82E-07	3.42E-04	1.08E-07	3.14E-08
4092 492363.09, 3854877.25	2.26E-03	7.13E-07	2.07E-07	6.23E-04	1.97E-07	5.72E-08	2.37E-03	7.46E-07	2.17E-07	7.22E-04	2.28E-07	6.62E-08	1.99E-03	6.29E-07	1.83E-07	3.26E-04	1.03E-07	2.99E-08
4093 492863.09, 3854877.25	2.19E-03	6.91E-07	2.01E-07	5.73E-04	1.81E-07	5.26E-08	2.29E-03	7.22E-07	2.10E-07	6.63E-04	2.09E-07	6.08E-08	1.95E-03	6.15E-07	1.79E-07	3.00E-04	9.45E-08	2.75E-08
4094 493363.09, 3854877.25	2.08E-03	6.57E-07	1.91E-07	5.18E-04	1.64E-07	4.76E-08	2.17E-03	6.85E-07	1.99E-07	5.99E-04	1.89E-07	5.50E-08	1.87E-03	5.89E-07	1.71E-07	2.71E-04	8.57E-08	2.49E-08
4095 493863.09, 3854877.25	1.98E-03	6.24E-07	1.81E-07	4.73E-04	1.49E-07	4.34E-08	2.06E-03	6.49E-07	1.89E-07	5.47E-04	1.73E-07	5.02E-08	1.78E-03	5.63E-07	1.64E-07	2.48E-04	7.82E-08	2.27E-08
4096 494363.09, 3854877.25	1.61E-03	5.07E-07	1.48E-07	3.62E-04	1.14E-07	3.33E-08	1.67E-03	5.27E-07	1.53E-07	4.19E-04	1.32E-07	3.85E-08	1.46E-03	4.62E-07	1.34E-07	1.90E-04	6.01E-08	1.75E-08
4097 494863.09, 3854877.25	1.28E-03	4.03E-07	1.17E-07	2.60E-04	8.22E-08	2.39E-08	1.32E-03	4.17E-07	1.21E-07	3.01E-04	9.50E-08	2.76E-08	1.18E-03	3.71E-07	1.08E-07	1.37E-04	4.33E-08	1.26E-08
4098 495363.09, 3854877.25	1.11E-03	3.50E-07	1.02E-07	2.04E-04	6.45E-08	1.88E-08	1.14E-03	3.61E-07	1.05E-07	2.36E-04	7.45E-08	2.17E-08	1.03E-03	3.26E-07	9.49E-08	1.08E-04	3.41E-08	9.91E-09
4099 495863.09, 3854877.25	1.02E-03	3.21E-07	9.34E-08	1.74E-04	5.48E-08	1.59E-08	1.05E-03	3.31E-07	9.61E-08	2.01E-04	6.33E-08	1.84E-08	9.57E-04	3.02E-07	8.79E-08	9.21E-05	2.91E-08	8.45E-09
4100 496363.09, 3854877.25	8.99E-04	2.84E-07	8.25E-08	1.39E-04	4.37E-08	1.27E-08	9.22E-04	2.91E-07	8.47E-08	1.60E-04	5.05E-08	1.47E-08	8.53E-04	2.69E-07	7.83E-08	7.38E-05	2.33E-08	6.77E-09
4101 496863.09, 3854877.25	8.22E-04	2.60E-07	7.55E-08	1.18E-04	3.73E-08	1.08E-08	8.42E-04	2.66E-07	7.73E-08	1.36E-04	4.30E-08	1.25E-08	7.85E-04	2.48E-07	7.21E-08	6.31E-05	1.99E-08	5.79E-09
4102 497363.09, 3854877.25	7.98E-04	2.52E-07	7.33E-08	1.10E-04	3.48E-08	1.01E-08	8.17E-04	2.58E-07	7.50E-08	1.27E-04	4.01E-08	1.17E-08	7.65E-04	2.41E-07	7.02E-08	5.90E-05	1.86E-08	5.41E-09
4103 497863.09, 3854877.25	8.48E-04	2.68E-07	7.79E-08	1.17E-04	3.70E-08	1.08E-08	8.68E-04	2.74E-07	7.97E-08	1.35E-04	4.27E-08	1.24E-08	8.13E-04	2.57E-07	7.46E-08	6.27E-05	1.98E-08	5.76E-09
4104 498363.09, 3854877.25	8.35E-04	2.64E-07	7.67E-08	1.12E-04	3.54E-08	1.03E-08	8.54E-04	2.70E-07	7.84E-08	1.29E-04	4.08E-08	1.19E-08	8.03E-04	2.53E-07	7.37E-08	6.01E-05	1.90E-08	5.51E-09
4105 471363.09, 3855377.25	2.39E-04	7.53E-08	2.19E-08	3.20E-05	1.01E-08	2.94E-09	2.44E-04	7.70E-08	2.24E-08	3.70E-05	1.17E-08	3.40E-09	2.31E-04	7.28E-08	2.12E-08	1.69E-05	5.34E-09	1.55E-09
4106 471863.09, 3855377.25	2.48E-04	7.82E-08	2.27E-08	3.36E-05	1.06E-08	3.09E-09	2.53E-04	8.00E-08	2.33E-08	3.89E-05	1.23E-08	3.57E-09	2.39E-04	7.56E-08	2.20E-08	1.78E-05	5.61E-09	1.63E-09
4107 472363.09, 3855377.25	2.65E-04	8.37E-08	2.44E-08	3.63E-05	1.15E-08	3.33E-09	2.71E-04	8.57E-08	2.49E-08	4.19E-05	1.32E-08	3.85E-09	2.56E-04	8.09E-08	2.35E-08	1.92E-05	6.05E-09	1.76E-09
4108 472863.09, 3855377.25	2.74E-04	8.66E-08	2.52E-08	3.81E-05	1.20E-08	3.49E-09	2.81E-04	8.86E-08	2.58E-08	4.40E-05	1.39E-08	4.04E-09	2.65E-04	8.35E-08	2.43E-08	2.01E-05	6.34E-09	1.85E-09
4109 473363.09, 3855377.25	2.99E-04	9.45E-08	2.75E-08	4.17E-05	1.32E-08	3.83E-09	3.06E-04	9.67E-08	2.81E-08	4.82E-05	1.52E-08	4.43E-09	2.89E-04	9.11E-08	2.65E-08	2.20E-05	6.95E-09	2.02E-09
4110 473863.09, 3855377.25	3.20E-04	1.01E-07	2.94E-08	4.51E-05	1.42E-08	4.14E-09	3.28E-04	1.04E-07	3.01E-08	5.22E-05	1.65E-08	4.79E-09	3.09E-04	9.74E-08	2.83E-08	2.38E-05	7.51E-09	2.19E-09
4111 474363.09, 3855377.25	3.44E-04	1.08E-07	3.15E-08	4.86E-05	1.53E-08	4.46E-09	3.52E-04	1.11E-07	3.23E-08	5.62E-05	1.77E-08	5.16E-09	3.31E-04	1.04E-07	3.04E-08	2.57E-05	8.10E-09	2.36E-09
4112 474863.09, 3855377.25	3.05E-04	9.61E-08	2.80E-08	4.42E-05	1.39E-08	4.05E-09	3.12E-04	9.85E-08	2.86E-08	5.10E-05	1.61E-08	4.68E-09	2.92E-04	9.23E-08	2.68E-08	2.33E-05	7.36E-09	2.14E-09
4113 475363.09, 3855377.25	2.03E-04	6.40E-08	1.86E-08	2.31E-05	7.28E-09	2.12E-09	2.07E-04	6.52E-08	1.90E-08	2.66E-05	8.39E-09	2.44E-09	1.98E-04	6.25E-08	1.82E-08	1.23E-05	3.89E-09	1.13E-09
4114 475863.09, 3855377.25	1.80E-04	5.69E-08	1.66E-08	1.78E-05	5.62E-09	1.63E-09	1.83E-04	5.78E-08	1.68E-08	2.05E-05	6.47E-09	1.88E-09	1.78E-04	5.60E-08	1.63E-08	9.61E-06	3.03E-09	8.82E-10
4115 476363.09, 3855377.25	2.01E-04	6.35E-08	1.85E-08	2.11E-05	6.66E-09	1.94E-09	2.05E-04	6.46E-08	1.88E-08	2.43E-05	7.67E-09	2.23E-09	1.97E-04	6.23E-08	1.81E-08	1.13E-05	3.58E-09	1.04E-09
4116 476863.09, 3855377.25	2.05E-04	6.46E-08	1.88E-08	2.11E-05	6.66E-09	1.94E-09	2.08E-04	6.58E-08	1.91E-08	2.43E-05	7.67E-09	2.23E-09	2.01E-04	6.35E-08	1.85E-08	1.14E-05	3.58E-09	1.04E-09
4117 477363.09, 3855377.25	2.22E-04	7.01E-08	2.04E-08	2.37E-05	7.48E-09	2.18E-09	2.26E-04	7.13E-08	2.07E-08	2.73E-05	8.62E-09	2.51E-09	2.18E-04	6.87E-08	2.00E-08	1.27E-05	4.02E-09	1.17E-09
4118 477863.09, 3855377.25	2.61E-04	8.23E-08	2.39E-08	3.09E-05	9.77E-09	2.84E-09	2.66E-04	8.39E-08	2.44E-08	3.57E-05	1.13E-08	3.28E-09	2.54E-04	8.01E-08	2.33E-08	1.65E-05	5.22E-09	1.52E-09
4119 478363.09, 3855377.25	3.08E-04	9.72E-08	2.83E-08	4.05E-05	1.28E-08	3.71E-09	3.15E-04	9.94E-08	2.89E-08	4.67E-05	1.47E-08	4.29E-09	2.98E-04	9.40E-08	2.74E-08	2.15E-05	6.78E-09	1.97E-09
4120 478863.09, 3855377.25	3.64E-04	1.15E-07	3.35E-08	5.21E-05	1.64E-08	4.78E-09	3.73E-04	1.18E-07	3.43E-08	6.01E-05	1.90E-08	5.52E-09	3.50E-04	1.11E-07	3.21E-08	2.76E-05	8.70E-09	2.53E-09
4121 479363.09, 3855377.25	4.54E-04	1.43E-07	4.17E-08	7.25E-05	2.29E-08	6.65E-09	4.66E-04	1.47E-07	4.28E-08	8.37E-05	2.64E-08	7.69E-09	4.32E-04	1.36E-07	3.96E-08	3.82E-05	1.21E-08	3.51E-09
4122 479863.09, 3855377.25	5.56E-04	1.75E-07	5.10E-08	9.64E-05	3.04E-08	8.85E-09	5.72E-04	1.81E-07	5.25E-08	1.11E-04	3.52E-08	1.02E-08	5.25E-04	1.66E-07	4.82E-08	5.07E-05	1.60E-08	4.65E-09
4123 480363.09, 3855377.25	7.53E-04	2.38E-07	6.92E-08	1.47E-04	4.62E-08	1.35E-08	7.78E-04	2.46E-07	7.15E-08	1.69E-04	5.35E-08	1.56E-08	7.02E-04	2.22E-07	6.45E-08	7.68E-05	2.42E-08	7.05E-09
4124 480863.09, 3855377.25	1.09E-03	3.45E-07	1.00E-07	2.10E-04	6.64E-08	1.93E-08	1.13E-03	3.57E-07	1.04E-07	2.43E-04	7.68E-08	2.23E-08	1.02E-03	3.23E-07	9.39E-08	1.10E-04	3.47E-08	1.01E-08
4125 481363.09, 3855377.25	1.68E-03	5.31E-07	1.54E-07	2.71E-04	8.54E-08	2.48E-08	1.73E-03	5.46E-07	1.59E-07	3.13E-04	9.88E-08	2.87E-08	1.61E-03	5.07E-07	1.47E-07	1.41E-04	4.46E-08	1.30E-08
4126 481863.09, 3855377.25	2.68E-03	8.45E-07	2.46E-07	3.27E-04	1.03E-07	3.00E-08	2.73E-03	8.63E-07	2.51E-07	3.78E-04	1.19E-07	3.47E-08	2.62E-03	8.28E-07	2.41E-07	1.71E-04	5.38E-08	1.57E-08
4127 482363.09, 3855377.25	5.27E-03	1.66E-06	4.84E-07	3.84E-04	1.21E-07	3.53E-08	5.34E-03	1.69E-06	4.90E-07	4.45E-04	1.40E-07	4.08E-08	5.33E-03	1.68E-06	4.89E-07	2.01E-04	6.34E-08	1.84E-08
4128 482863.09, 3855377.25	2.13E-02	6.72E-06	1.96E-06	4.96E-04	1.56E-07	4.55E-08	2.14E-02	6.75E-06	1.96E-06	5.74E-04	1.81E-07	5.27E-08	2.22E-02	7.00E-06	2.04E-06	2.59E-04	8.17E-08	2.38E-08
4129 483363.09, 3855377.25	2.87E-02	9.05E-06	2.63E-06	6.75E-04	2.13E-07	6.20E-08	2.88E-02	9.08E-06	2.64E-06	7.81E-04	2.47E-07	7.17E-08	2.98E-02	9.42E-06	2.74E-06	3.52E-04	1.11E-07	3.23E-08
4130 483863.09, 3855377.25	1.35E-02	4.25E-06	1.24E-06	1.12E-03	3.55E-07	1.03E-07	1.37E-02	4.31E-06	1.25E-06	1.30E-03	4.11E-07	1.19E-07	1.35E-02	4.27E-06	1.24E-06	5.86E-04	1.85E-07	5.38E-08
4131 484363.09, 3855377.25	9.58E-03	3.03E-06	8.80E-07	3.25E-03	1.03E-06	2.99E-07	1.01E-02	3.20E-06	9.31E-07	3.77E-03	1.19E-06	3.46E-07	8.11E-03	2.56E-06	7.45E-07	1.69E-03	5.34E-07	1.55E-07
4132 484863.09, 3855377.25	4.00E-02	1.26E-05	3.67E-06	3.21E-02	1.01E-05	2.95E-06	4.56E-02	1.44E-05	4.18E-06	3.72E-02	1.17E-05	3.42E-06	2.25E-02	7.10E-06	2.07E-06	1.67E-02	5.27E-06	1.53E-06
4133 485363.09, 3855377.25	1.66E-02	5.25E-06	1.53E-06	1.18E-02	3.71E-06	1.08E-06	1.87E-02	5.89E-06	1.71E-06	1.36E-02	4.30E-06	1.25E-06	1.03E-02	3.27E-06	9.50E-07	6.11E-03	1.93E-06	5.61E-07
4134 485863.09, 3855377.25	9.41E-03	2.97E-06	8.64E-07	5.61E-03	1.77E-06	5.15E-07	1.04E-02	3.28E-06	9.53E-07	6.49E-03	2.05E-06	5.96E-07	6.49E-03	2.05E-06	5.95E-07	2.91E-03	9.20E-07	2.68E-07
4135 486363.09, 3855377.25	6.52E-03	2.06E-06	5.99E-07	3.40E-03	1.07E-06	3.12E-07	7.11E-03	2.24E-06	6.53E-07	3.93E-03	1.24E-06	3.61E-07	4.79E-03	1.51E-06	4.40E-07	1.77E-03	5.58E-07	1.62E-07
4136 486863.09, 3855377.25	5.15E-03	1.62E-06	4.73E-07	2.41E-03	7.62E-07	2.22E-07	5.56E-03	1.76E-06	5.11E-07	2.80E-03	8.82E-07	2.57E-07	3.94E-03	1.24E-06	3.62E-07	1.26E-03	3.97E-07	1.15E-07
4137 487363.09, 3855377.25	4.92E-03	1.55E-06	4.52E-07	2.17E-03	6.85E-07	1.99E-07	5.30E-03	1.67E-06	4.86E-07	2.51E-03	7.93E-07	2.31E-07	3.85E-03	1.22E-06	3.54E-07	1.13E-03	3.57E-07	1.04E-07
4138 487863.09, 3855377.25	4.64E-03	1.46E-06	4.26E-07	1.96E-03	6.18E-07	1.80E-07	4.98E-03	1.57E-06	4.57E-07	2.27E-03	7.15E-07	2.08E-07	3.69E-03	1.16E-06	3.39E-07	1.02E-03	3.21E-07	9.35E-08
4139 488363.09, 3855377.25	4.42E-03	1.39E-06	4.06E-07	1.77E-03	5.59E-07	1.63E-07	4.72E-03	1.49E-06	4.34E-07	2.05E-03	6.48E-07	1.88E-07	3.57E-03	1.13E-06	3.28E-07	9.23E-04	2.91E-07	8.47E-08
4140 488863.09, 3855377.25	4.22E-03	1.33E-06	3.87E-07	1.60E-03	5.05E-07	1.47E-07	4.49E-03	1.42E-06	4.12E-07	1.85E-03	5.85E-07	1.70E-07	3.46E-03	1.09E-06	3.18E-07	8.33E-04	2.63E-07	7.64E-08
4141 489363.09, 3855377.25	3.99E-03	1.26E-06	3.66E-07	1.44E-03	4.53E-07	1.32E-07	4.23E-03	1.34E-06	3.89E-07	1.66E-03	5.25E-07	1.53E-07	3.32E-03	1.05E-06	3.05E-07	7.48E-04	2.36E-07	6.86E-08
4142 489863.09, 3855377.25	3.63E-03	1.15E-06	3.34E-07	1.26E-03	3.99E-07	1.16E-07	3.85E-03	1.22E-06	3.54E-07	1.46E-03	4.62E-07	1.34E-07	3.05E-03	9.63E-07	2.80E-07	6.59E-04	2.08E-07	6.05E-08
4143 490363.09, 3855377.25	3.53E-03	1.12E-06	3.24E-07	1.15E-03	3.64E-07	1.06E-07	3.73E-03	1.18E-06	3.43E-07	1.34E-03	4.22E-07	1.23E-07	3.01E-03	9.51E-07	2.77E-07	6.01E-04	1.90E-07	5.52E-08
4144 490863.09, 3855377.25	2.43E-03	7.67E-07	2.23E-07	7.51E-04	2.37E-07	6.90E-08	2.56E-03	8.08E-07	2.35E-07	8.69E-04	2.74E-07	7.98E-08	2.09E-03	6.61E-07	1.92E-07	3.92E-04	1.24E-07	3.60E-08
4145 491363.09, 3855377.25	2.10E-03	6.62E-07	1.93E-07	6.10E-04	1.93E-07	5.60E-08	2.20E-03	6.95E-07	2.02E-07	7.06E-04	2.23E-07	6.48E-08	1.83E-03	5.78E-07	1.68E-07	3.19E-04	1.01E-07	2.93E-08
4146 491863.09, 3855377.25	2.89E-03	9.13E-07	2.66E-07	8.16E-04	2.58E-07	7.50E-08	3.03E-03	9.57E-07	2.78E-07	9.45E-04	2.98E-07	8.68E-08	2.54E-03	8.02E-07	2.33E-07	4.26E-04	1.35E-07	3.91E-08
4147 492363.09, 3855377.25	2.87E-03	9.06E-07	2.63E-07	7.52E-04	2.37E-07	6.91E-08	3.00E-03	9.46E-07	2.75E-07	8.71E-04	2.75E-07	7.99E-08	2.55E-03	8.06E-07	2.34E-07	3.93E-04	1.24E-07	3.61E-08
4148 492863.09, 3855377.25	2.71E-03	8.55E-07	2.49E-07	6.75E-04	2.13E-07	6.20E-08	2.82E-03	8.92E-07	2.59E-07	7.81E-04	2.47E-07	7.17E-08	2.43E-03	7.67E-07	2.23E-07	3.53E-04	1.12E-07	3.24E-08
4149 493363.09, 3855377.25	2.43E-03	7.67E-07	2.23E-07	5.80E-04	1.83E-07	5.32E-08	2.53E-03	7.98E-07	2.32E-07	6.71E-04	2.12E-07	6.16E-08	2.19E-03	6.92E-07	2.01E-07	3.04E-04	9.60E-08	2.79E-08
4150 493863.09, 3855377.25	1.99E-03	6.28E-07	1.83E-07	4.44E-04	1.40E-07	4.08E-08	2.07E-03	6.52E-07	1.90E-07	5.14E-04	1.62E-07	4.72E-08	1.81E-03	5.72E-07	1.66E-07	2.34E-04	7.37E-08	2.14E-08
4151 494363.09, 3855377.25	1.57E-03	4.96E-07	1.44E-07	3.20E-04	1.01E-07	2.94E-08	1.63E-03	5.13E-07	1.49E-07	3.70E-04	1.17E-07	3.39E-08	1.45E-03	4.57E-07	1.33E-07	1.68E-04	5.32E-08	1.55E-08
4152 494863.09, 3855377.25	1.27E-03	4.02E-07	1.17E-07	2.29E-04	7.22E-08	2.10E-08	1.31E-03	4.14E-07	1.21E-07	2.64E-04	8.34E-08	2.43E-08	1.19E-03	3.76E-07	1.09E-07	1.21E-04	3.82E-08	1.11E-08
4153 495363.09, 3855377.25	1.09E-03	3.44E-07	1.00E-07	1.74E-04	5.50E-08	1.60E-08	1.12E-03	3.53E-07	1.03E-07	2.01E-04	6.34E-08	1.85E-08	1.03E-03	3.26E-07	9.47E-08	9.25E-05	2.92E-08	8.50E-09
4154 495863.09, 3855377.25	9.64E-04	3.04E-07	8.85E-08	1.40E-04	4.42E-08	1.29E-08	9.87E-04	3.12E-07	9.06E-08	1.62E-04	5.10E-08	1.48E-08	9.19E-04	2.90E-07	8.44E-08	7.48E-05	2.36E-08	6.87E-09

4155	496363.09, 3855377.25	9.35E-04	2.95E-07	8.59E-08	1.30E-04	4.11E-08	1.20E-08	9.57E-04	3.02E-07	8.79E-08	1.50E-04	4.74E-08	1.38E-08	8.95E-04	2.83E-07	8.22E-08	6.97E-05	2.20E-08	6.40E-09
4156	496863.09, 3855377.25	9.10E-04	2.87E-07	8.36E-08	1.22E-04	3.85E-08	1.12E-08	9.31E-04	2.94E-07	8.54E-08	1.41E-04	4.44E-08	1.29E-08	8.74E-04	2.76E-07	8.03E-08	6.53E-05	2.06E-08	6.00E-09
4157	497363.09, 3855377.25	9.15E-04	2.89E-07	8.40E-08	1.20E-04	3.78E-08	1.10E-08	9.35E-04	2.95E-07	8.59E-08	1.38E-04	4.36E-08	1.27E-08	8.81E-04	2.78E-07	8.09E-08	6.42E-05	2.03E-08	5.89E-09
4158	497863.09, 3855377.25	9.39E-04	2.96E-07	8.62E-08	1.22E-04	3.84E-08	1.12E-08	9.59E-04	3.03E-07	8.80E-08	1.40E-04	4.42E-08	1.29E-08	9.04E-04	2.85E-07	8.30E-08	6.51E-05	2.06E-08	5.98E-09
4159	498363.09, 3855377.25	9.73E-04	3.07E-07	8.93E-08	1.26E-04	3.97E-08	1.16E-08	9.94E-04	3.14E-07	9.12E-08	1.45E-04	4.58E-08	1.33E-08	9.37E-04	2.96E-07	8.60E-08	6.74E-05	2.13E-08	6.19E-09
4160	471363.09, 3855877.25	2.45E-04	7.73E-08	2.25E-08	3.17E-05	1.00E-08	2.91E-09	2.50E-04	7.90E-08	2.30E-08	3.66E-05	1.16E-08	3.36E-09	2.38E-04	7.50E-08	2.18E-08	1.68E-05	5.29E-09	1.54E-09
4161	471863.09, 3855877.25	2.55E-04	8.04E-08	2.34E-08	3.33E-05	1.05E-08	3.05E-09	2.60E-04	8.22E-08	2.39E-08	3.84E-05	1.21E-08	3.53E-09	2.47E-04	7.79E-08	2.27E-08	1.76E-05	5.55E-09	1.61E-09
4162	472363.09, 3855877.25	2.78E-04	8.78E-08	2.55E-08	3.63E-05	1.14E-08	3.33E-09	2.84E-04	8.97E-08	2.61E-08	4.19E-05	1.32E-08	3.85E-09	2.70E-04	8.51E-08	2.48E-08	1.92E-05	6.04E-09	1.76E-09
4163	472863.09, 3855877.25	2.82E-04	8.91E-08	2.59E-08	3.76E-05	1.19E-08	3.45E-09	2.89E-04	9.11E-08	2.65E-08	4.34E-05	1.37E-08	3.98E-09	2.73E-04	8.63E-08	2.51E-08	1.98E-05	6.26E-09	1.82E-09
4164	473363.09, 3855877.25	3.14E-04	9.92E-08	2.89E-08	4.15E-05	1.31E-08	3.81E-09	3.21E-04	1.01E-07	2.95E-08	4.80E-05	1.52E-08	4.41E-09	3.04E-04	9.61E-08	2.80E-08	2.19E-05	6.92E-09	2.01E-09
4165	473863.09, 3855877.25	3.38E-04	1.07E-07	3.11E-08	4.49E-05	1.42E-08	4.12E-09	3.46E-04	1.09E-07	3.18E-08	5.19E-05	1.64E-08	4.77E-09	3.28E-04	1.03E-07	3.01E-08	2.37E-05	7.48E-09	2.18E-09
4166	474363.09, 3855877.25	3.60E-04	1.14E-07	3.30E-08	4.80E-05	1.51E-08	4.41E-09	3.68E-04	1.16E-07	3.38E-08	5.55E-05	1.75E-08	5.09E-09	3.48E-04	1.10E-07	3.19E-08	2.54E-05	8.01E-09	2.33E-09
4167	474863.09, 3855877.25	2.96E-04	9.34E-08	2.72E-08	4.16E-05	1.31E-08	3.82E-09	3.03E-04	9.56E-08	2.78E-08	4.81E-05	1.52E-08	4.42E-09	2.85E-04	8.98E-08	2.61E-08	2.20E-05	6.95E-09	2.02E-09
4168	475363.09, 3855877.25	2.24E-04	7.08E-08	2.06E-08	2.83E-05	8.94E-09	2.60E-09	2.29E-04	7.23E-08	2.10E-08	3.27E-05	1.03E-08	3.00E-09	2.18E-04	6.87E-08	2.00E-08	1.51E-05	4.75E-09	1.38E-09
4169	475863.09, 3855877.25	1.52E-04	4.80E-08	1.40E-08	1.35E-05	4.26E-09	1.24E-09	1.54E-04	4.87E-08	1.42E-08	1.55E-05	4.90E-09	1.43E-09	1.51E-04	4.75E-08	1.38E-08	7.34E-06	2.32E-09	6.74E-10
4170	476363.09, 3855877.25	1.63E-04	5.14E-08	1.50E-08	1.45E-05	4.59E-09	1.34E-09	1.65E-04	5.22E-08	1.52E-08	1.67E-05	5.28E-09	1.54E-09	1.61E-04	5.09E-08	1.48E-08	7.90E-06	2.49E-09	7.25E-10
4171	476863.09, 3855877.25	2.08E-04	6.57E-08	1.91E-08	2.15E-05	6.77E-09	1.97E-09	2.12E-04	6.69E-08	1.95E-08	2.47E-05	7.81E-09	2.27E-09	2.05E-04	6.46E-08	1.88E-08	1.15E-05	3.64E-09	1.06E-09
4172	477363.09, 3855877.25	2.38E-04	7.52E-08	2.19E-08	2.64E-05	8.34E-09	2.42E-09	2.43E-04	7.66E-08	2.23E-08	3.05E-05	9.61E-09	2.80E-09	2.33E-04	7.36E-08	2.14E-08	1.41E-05	4.46E-09	1.30E-09
4173	477863.09, 3855877.25	2.73E-04	8.63E-08	2.51E-08	3.23E-05	1.02E-08	2.97E-09	2.79E-04	8.80E-08	2.56E-08	3.73E-05	1.18E-08	3.42E-09	2.67E-04	8.41E-08	2.45E-08	1.72E-05	5.44E-09	1.58E-09
4174	478363.09, 3855877.25	3.25E-04	1.02E-07	2.98E-08	4.23E-05	1.33E-08	3.88E-09	3.32E-04	1.05E-07	3.04E-08	4.88E-05	1.54E-08	4.48E-09	3.14E-04	9.92E-08	2.88E-08	2.24E-05	7.08E-09	2.06E-09
4175	478863.09, 3855877.25	3.95E-04	1.25E-07	3.63E-08	5.60E-05	1.77E-08	5.14E-09	4.04E-04	1.28E-07	3.71E-08	6.47E-05	2.04E-08	5.94E-09	3.80E-04	1.20E-07	3.49E-08	2.96E-05	9.36E-09	2.72E-09
4176	479363.09, 3855877.25	4.97E-04	1.57E-07	4.57E-08	7.85E-05	2.48E-08	7.21E-09	5.11E-04	1.61E-07	4.69E-08	9.08E-05	2.87E-08	8.33E-09	4.74E-04	1.50E-07	4.35E-08	4.14E-05	1.31E-08	3.80E-09
4177	479863.09, 3855877.25	6.23E-04	1.97E-07	5.72E-08	1.06E-04	3.35E-08	9.75E-09	6.41E-04	2.02E-07	5.89E-08	1.23E-04	3.88E-08	1.13E-08	5.89E-04	1.86E-07	5.41E-08	5.59E-05	1.76E-08	5.13E-09
4178	480363.09, 3855877.25	8.24E-04	2.60E-07	7.57E-08	1.49E-04	4.72E-08	1.37E-08	8.50E-04	2.68E-07	7.80E-08	1.73E-04	5.46E-08	1.59E-08	7.75E-04	2.45E-07	7.11E-08	7.84E-05	2.47E-08	7.20E-09
4179	480863.09, 3855877.25	1.15E-03	3.62E-07	1.05E-07	2.07E-04	6.54E-08	1.90E-08	1.18E-03	3.74E-07	1.09E-07	2.40E-04	7.56E-08	2.20E-08	1.08E-03	3.41E-07	9.93E-08	1.08E-04	3.42E-08	9.95E-09
4180	481363.09, 3855877.25	1.31E-03	4.13E-07	1.20E-07	2.43E-04	7.68E-08	2.23E-08	1.35E-03	4.26E-07	1.24E-07	2.81E-04	8.88E-08	2.58E-08	1.23E-03	3.88E-07	1.13E-07	1.27E-04	4.02E-08	1.17E-08
4181	481863.09, 3855877.25	2.72E-03	8.59E-07	2.50E-07	3.33E-04	1.05E-07	3.06E-08	2.78E-03	8.77E-07	2.55E-07	3.86E-04	1.22E-07	3.54E-08	2.67E-03	8.41E-07	2.45E-07	1.74E-04	5.49E-08	1.60E-08
4182	482363.09, 3855877.25	5.64E-03	1.78E-06	5.18E-07	3.91E-04	1.23E-07	3.59E-08	5.71E-03	1.80E-06	5.24E-07	4.53E-04	1.43E-07	4.16E-08	5.71E-03	1.80E-06	5.24E-07	2.04E-04	6.45E-08	1.88E-08
4183	482863.09, 3855877.25	1.02E-02	3.23E-06	9.40E-07	5.15E-04	1.62E-07	4.73E-08	1.03E-02	3.26E-06	9.48E-07	5.96E-04	1.88E-07	5.47E-08	1.05E-02	3.31E-06	9.63E-07	2.69E-04	8.50E-08	2.47E-08
4184	483363.09, 3855877.25	3.87E-02	1.22E-05	3.55E-06	7.10E-04	2.24E-07	6.52E-08	3.88E-02	1.23E-05	3.56E-06	8.21E-04	2.59E-07	7.54E-08	4.04E-02	1.28E-05	3.71E-06	3.72E-04	1.17E-07	3.41E-08
4185	483863.09, 3855877.25	2.84E-02	8.95E-06	2.60E-06	1.02E-03	3.23E-07	9.39E-08	2.85E-02	9.01E-06	2.62E-06	1.18E-03	3.73E-07	1.09E-07	2.93E-02	9.25E-06	2.69E-06	5.35E-04	1.69E-07	4.91E-08
4186	484363.09, 3855877.25	1.68E-02	5.30E-06	1.54E-06	1.82E-03	5.74E-07	1.67E-07	1.71E-02	5.39E-06	1.57E-06	2.10E-03	6.64E-07	1.93E-07	1.66E-02	5.23E-06	1.52E-06	9.51E-04	3.00E-07	8.73E-08
4187	484863.09, 3855877.25	1.41E-02	4.46E-06	1.30E-06	3.94E-03	1.24E-06	3.61E-07	1.48E-02	4.67E-06	1.36E-06	4.56E-03	1.44E-06	4.19E-07	1.25E-02	3.94E-06	1.15E-06	2.05E-03	6.48E-07	1.88E-07
4188	485363.09, 3855877.25	4.00E-02	1.26E-05	3.67E-06	2.94E-02	9.29E-06	2.70E-06	4.50E-02	1.42E-05	4.13E-06	3.41E-02	1.08E-05	3.13E-06	2.41E-02	7.60E-06	2.21E-06	1.53E-02	4.83E-06	1.40E-06
4189	485863.09, 3855877.25	2.63E-02	8.30E-06	2.42E-06	1.86E-02	5.86E-06	1.70E-06	2.95E-02	9.31E-06	2.71E-06	2.15E-02	6.78E-06	1.97E-06	1.64E-02	5.16E-06	1.50E-06	9.64E-03	3.04E-06	8.85E-07
4190	486363.09, 3855877.25	1.30E-02	4.10E-06	1.19E-06	7.54E-03	2.38E-06	6.92E-07	1.43E-02	4.51E-06	1.31E-06	8.73E-03	2.75E-06	8.01E-07	9.08E-03	2.87E-06	8.34E-07	3.92E-03	1.24E-06	3.60E-07
4191	486863.09, 3855877.25	9.45E-03	2.98E-06	8.68E-07	4.86E-03	1.53E-06	4.46E-07	1.03E-02	3.25E-06	9.44E-07	5.63E-03	1.78E-06	5.16E-07	6.98E-03	2.20E-06	6.41E-07	2.53E-03	7.97E-07	2.32E-07
4192	487363.09, 3855877.25	8.26E-03	2.61E-06	7.58E-07	3.90E-03	1.23E-06	3.58E-07	8.93E-03	2.82E-06	8.20E-07	4.51E-03	1.42E-06	4.14E-07	6.32E-03	1.99E-06	5.80E-07	2.03E-03	6.40E-07	1.86E-07
4193	487863.09, 3855877.25	7.38E-03	2.33E-06	6.77E-07	3.22E-03	1.02E-06	2.96E-07	7.93E-03	2.50E-06	7.28E-07	3.73E-03	1.18E-06	3.42E-07	5.80E-03	1.83E-06	5.33E-07	1.67E-03	5.29E-07	1.54E-07
4194	488363.09, 3855877.25	6.57E-03	2.07E-06	6.04E-07	2.68E-03	8.45E-07	2.46E-07	7.04E-03	2.22E-06	6.46E-07	3.10E-03	9.79E-07	2.85E-07	5.29E-03	1.67E-06	4.85E-07	1.39E-03	4.40E-07	1.28E-07
4195	488863.09, 3855877.25	5.98E-03	1.89E-06	5.49E-07	2.27E-03	7.16E-07	2.08E-07	6.37E-03	2.01E-06	5.85E-07	2.63E-03	8.30E-07	2.41E-07	4.91E-03	1.55E-06	4.51E-07	1.18E-03	3.73E-07	1.08E-07
4196	489363.09, 3855877.25	5.43E-03	1.71E-06	4.98E-07	1.93E-03	6.09E-07	1.77E-07	5.76E-03	1.82E-06	5.29E-07	2.23E-03	7.05E-07	2.05E-07	4.54E-03	1.43E-06	4.16E-07	1.00E-03	3.17E-07	9.22E-08
4197	489863.09, 3855877.25	4.96E-03	1.57E-06	4.55E-07	1.65E-03	5.21E-07	1.52E-07	5.24E-03	1.65E-06	4.81E-07	1.91E-03	6.03E-07	1.75E-07	4.21E-03	1.33E-06	3.87E-07	8.60E-04	2.71E-07	7.89E-08
4198	490363.09, 3855877.25	4.63E-03	1.46E-06	4.25E-07	1.43E-03	4.51E-07	1.31E-07	4.87E-03	1.54E-06	4.47E-07	1.65E-03	5.22E-07	1.52E-07	4.00E-03	1.26E-06	3.67E-07	7.44E-04	2.35E-07	6.83E-08
4199	490863.09, 3855877.25	4.17E-03	1.32E-06	3.83E-07	1.23E-03	3.88E-07	1.13E-07	4.38E-03	1.38E-06	4.02E-07	1.42E-03	4.49E-07	1.31E-07	3.63E-03	1.15E-06	3.34E-07	6.41E-04	2.02E-07	5.89E-08
4200	491363.09, 3855877.25	3.58E-03	1.13E-06	3.29E-07	1.02E-03	3.21E-07	9.35E-08	3.76E-03	1.19E-06	3.45E-07	1.18E-03	3.72E-07	1.08E-07	3.14E-03	9.91E-07	2.88E-07	5.32E-04	1.68E-07	4.88E-08
4201	491863.09, 3855877.25	3.72E-03	1.17E-06	3.42E-07	9.50E-04	3.00E-07	8.72E-08	3.88E-03	1.23E-06	3.57E-07	1.10E-03	3.47E-07	1.01E-07	3.33E-03	1.05E-06	3.06E-07	4.97E-04	1.57E-07	4.56E-08
4202	492363.09, 3855877.25	3.43E-03	1.08E-06	3.15E-07	8.31E-04	2.62E-07	7.63E-08	3.57E-03	1.13E-06	3.28E-07	9.62E-04	3.04E-07	8.83E-08	3.09E-03	9.75E-07	2.84E-07	4.35E-04	1.37E-07	4.00E-08
4203	492863.09, 3855877.25	3.20E-03	1.01E-06	2.94E-07	7.33E-04	2.31E-07	6.73E-08	3.33E-03	1.05E-06	3.06E-07	8.48E-04	2.68E-07	7.79E-08	2.91E-03	9.18E-07	2.67E-07	3.84E-04	1.21E-07	3.53E-08
4204	493363.09, 3855877.25	2.57E-03	8.11E-07	2.36E-07	5.65E-04	1.78E-07	5.18E-08	2.67E-03	8.41E-07	2.45E-07	6.53E-04	2.06E-07	5.99E-08	2.35E-03	7.40E-07	2.15E-07	2.97E-04	9.36E-08	2.72E-08
4205	493863.09, 3855877.25	1.95E-03	6.17E-07	1.79E-07	3.89E-04	1.23E-07	3.57E-08	2.02E-03	6.37E-07	1.85E-07	4.50E-04	1.42E-07	4.13E-08	1.81E-03	5.70E-07	1.66E-07	2.05E-04	6.47E-08	1.88E-08
4206	494363.09, 3855877.25	1.54E-03	4.85E-07	1.41E-07	2.67E-04	8.43E-08	2.45E-08	1.58E-03	4.99E-07	1.45E-07	3.09E-04	9.74E-08	2.83E-08	1.44E-03	4.55E-07	1.32E-07	1.41E-04	4.46E-08	1.30E-08
4207	494863.09, 3855877.25	1.29E-03	4.06E-07	1.18E-07	1.96E-04	6.20E-08	1.80E-08	1.32E-03	4.17E-07	1.21E-07	2.27E-04	7.15E-08	2.08E-08	1.22E-03	3.86E-07	1.12E-07	1.04E-04	3.30E-08	9.59E-09
4208	495363.09, 3855877.25	1.03E-03	3.27E-07	9.50E-08	1.38E-04	4.37E-08	1.27E-08	1.06E-03	3.34E-07	9.71E-08	1.60E-04	5.04E-08	1.46E-08	9.94E-04	3.14E-07	9.12E-08	7.41E-05	2.34E-08	6.81E-09
4209	495863.09, 3855877.25	1.01E-03	3.18E-07	9.25E-08	1.29E-04	4.09E-08	1.19E-08	1.03E-03	3.25E-07	9.45E-08	1.49E-04	4.71E-08	1.37E-08	9.71E-04	3.06E-07	8.91E-08	6.95E-05	2.19E-08	6.38E-09
4210	496363.09, 3855877.25	9.91E-04	3.13E-07	9.10E-08	1.23E-04	3.89E-08	1.13E-08	1.01E-03	3.19E-07	9.29E-08	1.42E-04	4.48E-08	1.30E-08	9.57E-04	3.02E-07	8.79E-08	6.62E-05	2.09E-08	6.08E-09
4211	496863.09, 3855877.25	1.01E-03	3.18E-07	9.25E-08	1.23E-04	3.89E-08	1.13E-08	1.03E-03	3.25E-07	9.44E-08	1.42E-04	4.48E-08	1.30E-08	9.75E-04	3.08E-07	8.95E-08	6.62E-05	2.09E-08	6.08E-09
4212	497363.09, 3855877.25	1.03E-03	3.24E-07	9.43E-08	1.24E-04	3.93E-08	1.14E-08	1.05E-03	3.31E-07	9.62E-08	1.43E-04	4.53E-08	1.32E-08	9.95E-04	3.14E-07	9.13E-08	6.69E-05	2.11E-08	6.14E-09
4213	497863.09, 3855877.25	1.06E-03	3.35E-07	9.73E-08	1.28E-04	4.05E-08	1.18E-08	1.08E-03	3.41E-07	9.93E-08	1.48E-04	4.66E-08	1.36E-08	1.03E-03	3.24E-07	9.43E-08	6.88E-05	2.17E-08	6.32E-09
4214	498363.09, 3855877.25	1.14E-03	3.60E-07	1.05E-07	1.42E-04	4.49E-08	1.30E-08	1.16E-03	3.67E-07	1.07E-07	1.64E-04	5.17E-08	1.50E-08	1.10E-03	3.48E-07	1.01E-07	7.61E-05	2.40E-08	6.99E-09
4215	471363.09, 3856377.25	2.48E-04	7.84E-08	2.28E-08	3.20E-05	1.01E-08	2.94E-09	2.54E-04	8.01E-08	2.33E-08	3.70E-05	1.17E-08	3.40E-09	2.41E-04	7.61E-08	2.21E-08	1.69E-05	5.34E-09	1.55E-09
4216	471863.09, 3856377.25	2.57E-04	8.12E-08	2.36E-08	3.36E-05	1.06E-08	3.09E-09	2.63E-04	8.30E-08	2.41E-08	3.89E-05	1.23E-08	3.57E-09	2.50E-04	7.88E-08	2.29E-08	1.77E-05	5.60E-09	1.63E-09
4217	472363.09, 3856377.25	2.75E-04	8.69E-08	2.53E-08	3.63E-05	1.14E-08	3.33E-09	2.82E-04	8.89E-08	2.59E-08	4.19E-05	1.32E-08	3.85E-09	2.67E-04	8.43E-08	2.45E-08	1.91E-05	6.04E-09	1.76E-09
4218	472863.09, 3856377.25	2.99E-04	9.44E-08	2.74E-08	3.94E-05	1.24E-08	3.62E-09	3.06E-04	9.65E-08	2.81E-08	4.56E-05	1.44E-08	4.18E-09	2.90E-04	9.15E-08	2.66E-08	2.08E-05	6.56E-09	1.91E-09
4219	473363.09, 3856377.25	3.19E-04	1.01E-07	2.93E-08	4.25E-05	1.34E-08	3.90E-09	3.26E-04	1.03E-07	2.99E-08	4.91E-05	1.55E-08	4.51E-09	3.09E-04	9.75E-08	2.84E-08	2.24E-05	7.08E-09	2.06E-09
4220	473863.09, 3856377.25	3.58E-04	1.13E-07	3.28E-08	4.72E-05	1.49E-08	4.33E-09	3.66E-04	1.15E-07	3.36E-08	5.45E-05	1.72E-08	5.00E-09	3.47E-04	1.09E-07	3.18E-08	2.49E-05	7.84E-09	2.28E-09

4221 474363.09, 3856377.25	3.50E-04	1.10E-07	3.21E-08	4.83E-05	1.52E-08	4.43E-09	3.58E-04	1.13E-07	3.29E-08	5.58E-05	1.76E-08	5.12E-09	3.38E-04	1.07E-07	3.10E-08	2.54E-05	8.03E-09	2.33E-09
4222 474863.09, 3856377.25	3.37E-04	1.06E-07	3.09E-08	4.78E-05	1.51E-08	4.39E-09	3.45E-04	1.09E-07	3.16E-08	5.52E-05	1.74E-08	5.07E-09	3.24E-04	1.02E-07	2.97E-08	2.52E-05	7.96E-09	2.32E-09
4223 475363.09, 3856377.25	2.83E-04	8.95E-08	2.60E-08	4.04E-05	1.28E-08	3.71E-09	2.90E-04	9.16E-08	2.67E-08	4.67E-05	1.47E-08	4.29E-09	2.73E-04	8.60E-08	2.50E-08	2.14E-05	6.75E-09	1.96E-09
4224 475863.09, 3856377.25	2.27E-04	7.16E-08	2.08E-08	2.86E-05	9.02E-09	2.62E-09	2.32E-04	7.31E-08	2.13E-08	3.30E-05	1.04E-08	3.03E-09	2.20E-04	6.95E-08	2.02E-08	1.52E-05	4.79E-09	1.39E-09
4225 476363.09, 3856377.25	2.25E-04	7.11E-08	2.07E-08	2.71E-05	8.54E-09	2.48E-09	2.30E-04	7.25E-08	2.11E-08	3.12E-05	9.85E-09	2.87E-09	2.19E-04	6.93E-08	2.01E-08	1.44E-05	4.55E-09	1.32E-09
4226 476863.09, 3856377.25	2.36E-04	7.45E-08	2.17E-08	2.80E-05	8.83E-09	2.57E-09	2.41E-04	7.60E-08	2.21E-08	3.23E-05	1.02E-08	2.96E-09	2.30E-04	7.26E-08	2.11E-08	1.49E-05	4.70E-09	1.37E-09
4227 477363.09, 3856377.25	2.53E-04	8.00E-08	2.33E-08	3.03E-05	9.57E-09	2.78E-09	2.59E-04	8.16E-08	2.37E-08	3.50E-05	1.10E-08	3.21E-09	2.47E-04	7.80E-08	2.27E-08	1.61E-05	5.09E-09	1.48E-09
4228 477863.09, 3856377.25	2.37E-04	7.48E-08	2.18E-08	2.48E-05	7.83E-09	2.28E-09	2.41E-04	7.61E-08	2.21E-08	2.86E-05	9.02E-09	2.62E-09	2.33E-04	7.35E-08	2.14E-08	1.33E-05	4.20E-09	1.22E-09
4229 478363.09, 3856377.25	2.33E-04	7.37E-08	2.14E-08	2.25E-05	7.11E-09	2.07E-09	2.37E-04	7.48E-08	2.18E-08	2.59E-05	8.19E-09	2.38E-09	2.30E-04	7.27E-08	2.12E-08	1.21E-05	3.83E-09	1.11E-09
4230 478863.09, 3856377.25	3.46E-04	1.09E-07	3.18E-08	4.48E-05	1.41E-08	4.11E-09	3.54E-04	1.12E-07	3.25E-08	5.18E-05	1.63E-08	4.75E-09	3.36E-04	1.06E-07	3.08E-08	2.38E-05	7.50E-09	2.18E-09
4231 479363.09, 3856377.25	4.26E-04	1.35E-07	3.91E-08	5.99E-05	1.89E-08	5.50E-09	4.37E-04	1.38E-07	4.01E-08	6.92E-05	2.18E-08	6.35E-09	4.11E-04	1.30E-07	3.77E-08	3.17E-05	1.00E-08	2.91E-09
4232 479863.09, 3856377.25	6.25E-04	1.97E-07	5.74E-08	1.03E-04	3.26E-08	9.49E-09	6.43E-04	2.03E-07	5.90E-08	1.19E-04	3.77E-08	1.10E-08	5.93E-04	1.87E-07	5.44E-08	5.44E-05	1.72E-08	4.99E-09
4233 480363.09, 3856377.25	8.88E-04	2.80E-07	8.15E-08	1.56E-04	4.92E-08	1.43E-08	9.14E-04	2.89E-07	8.40E-08	1.80E-04	5.69E-08	1.65E-08	8.38E-04	2.64E-07	7.69E-08	8.18E-05	2.58E-08	7.51E-09
4234 480863.09, 3856377.25	1.20E-03	3.80E-07	1.10E-07	2.05E-04	6.47E-08	1.88E-08	1.24E-03	3.91E-07	1.14E-07	2.37E-04	7.49E-08	2.18E-08	1.14E-03	3.60E-07	1.05E-07	1.07E-04	3.39E-08	9.85E-09
4235 481363.09, 3856377.25	1.73E-03	5.45E-07	1.59E-07	2.63E-04	8.31E-08	2.42E-08	1.77E-03	5.60E-07	1.63E-07	3.05E-04	9.62E-08	2.80E-08	1.66E-03	5.24E-07	1.52E-07	1.38E-04	4.35E-08	1.26E-08
4236 481863.09, 3856377.25	2.99E-03	9.45E-07	2.75E-07	3.27E-04	1.03E-07	3.00E-08	3.05E-03	9.63E-07	2.80E-07	3.79E-04	1.19E-07	3.47E-08	2.96E-03	9.33E-07	2.71E-07	1.71E-04	5.39E-08	1.57E-08
4237 482363.09, 3856377.25	5.29E-03	1.67E-06	4.86E-07	3.86E-04	1.22E-07	3.54E-08	5.36E-03	1.69E-06	4.92E-07	4.47E-04	1.41E-07	4.10E-08	5.35E-03	1.69E-06	4.91E-07	2.02E-04	6.37E-08	1.85E-08
4238 482863.09, 3856377.25	8.35E-03	2.63E-06	7.66E-07	4.86E-04	1.53E-07	4.46E-08	8.43E-03	2.66E-06	7.74E-07	5.62E-04	1.77E-07	5.16E-08	8.51E-03	2.69E-06	7.81E-07	2.54E-04	8.01E-08	2.33E-08
4239 483363.09, 3856377.25	2.66E-02	8.40E-06	2.44E-06	6.29E-04	1.98E-07	5.77E-08	2.67E-02	8.43E-06	2.45E-06	7.28E-04	2.30E-07	6.68E-08	2.77E-02	8.74E-06	2.54E-06	3.29E-04	1.04E-07	3.02E-08
4240 483863.09, 3856377.25	5.55E-02	1.75E-05	5.09E-06	8.68E-04	2.74E-07	7.97E-08	5.56E-02	1.76E-05	5.11E-06	1.00E-03	3.17E-07	9.21E-08	5.80E-02	1.83E-05	5.33E-06	4.57E-04	1.44E-07	4.20E-08
4241 484363.09, 3856377.25	5.55E-02	1.75E-05	5.10E-06	1.24E-03	3.90E-07	1.13E-07	5.57E-02	1.76E-05	5.11E-06	1.43E-03	4.51E-07	1.31E-07	5.78E-02	1.82E-05	5.31E-06	6.51E-04	2.06E-07	5.98E-08
4242 484863.09, 3856377.25	2.77E-02	8.74E-06	2.54E-06	1.86E-03	5.88E-07	1.71E-07	2.80E-02	8.84E-06	2.57E-06	2.16E-03	6.80E-07	1.98E-07	2.81E-02	8.85E-06	2.58E-06	9.81E-04	3.10E-07	9.01E-08
4243 485363.09, 3856377.25	1.98E-02	6.26E-06	1.82E-06	3.43E-03	1.08E-06	3.15E-07	2.04E-02	6.45E-06	1.88E-06	3.97E-03	1.25E-06	3.65E-07	1.88E-02	5.94E-06	1.73E-06	1.79E-03	5.65E-07	1.64E-07
4244 485863.09, 3856377.25	3.05E-02	9.63E-06	2.80E-06	1.76E-02	5.57E-06	1.62E-06	3.36E-02	1.06E-05	3.08E-06	2.04E-02	6.45E-06	1.88E-06	2.14E-02	6.75E-06	1.96E-06	9.17E-03	2.89E-06	8.42E-07
4245 486363.09, 3856377.25	3.04E-02	9.60E-06	2.79E-06	2.10E-02	6.63E-06	1.93E-06	3.40E-02	1.07E-05	3.12E-06	2.43E-02	7.67E-06	2.23E-06	1.92E-02	6.06E-06	1.76E-06	1.09E-02	3.44E-06	1.00E-06
4246 486863.09, 3856377.25	1.66E-02	5.25E-06	1.53E-06	9.30E-03	2.93E-06	8.53E-07	1.82E-02	5.75E-06	1.67E-06	1.08E-02	3.40E-06	9.88E-07	1.18E-02	3.73E-06	1.09E-06	4.83E-03	1.53E-06	4.44E-07
4247 487363.09, 3856377.25	1.27E-02	4.02E-06	1.17E-06	6.22E-03	1.96E-06	5.71E-07	1.38E-02	4.36E-06	1.27E-06	7.20E-03	2.27E-06	6.61E-07	9.61E-03	3.03E-06	8.82E-07	3.23E-03	1.02E-06	2.97E-07
4248 487863.09, 3856377.25	1.06E-02	3.36E-06	9.76E-07	4.62E-03	1.46E-06	4.24E-07	1.14E-02	3.61E-06	1.05E-06	5.35E-03	1.69E-06	4.91E-07	8.38E-03	2.64E-06	7.69E-07	2.40E-03	7.58E-07	2.21E-07
4249 488363.09, 3856377.25	9.00E-03	2.84E-06	8.26E-07	3.55E-03	1.12E-06	3.26E-07	9.61E-03	3.03E-06	8.82E-07	4.12E-03	1.30E-06	3.78E-07	7.31E-03	2.31E-06	6.71E-07	1.85E-03	5.83E-07	1.70E-07
4250 488863.09, 3856377.25	7.79E-03	2.46E-06	7.15E-07	2.80E-03	8.84E-07	2.57E-07	8.27E-03	2.61E-06	7.60E-07	3.24E-03	1.02E-06	2.98E-07	6.50E-03	2.05E-06	5.96E-07	1.46E-03	4.60E-07	1.34E-07
4251 489363.09, 3856377.25	6.88E-03	2.17E-06	6.32E-07	2.26E-03	7.12E-07	2.07E-07	7.27E-03	2.29E-06	6.67E-07	2.61E-03	8.24E-07	2.40E-07	5.87E-03	1.85E-06	5.39E-07	1.17E-03	3.71E-07	1.08E-07
4252 489863.09, 3856377.25	6.23E-03	1.97E-06	5.72E-07	1.86E-03	5.86E-07	1.70E-07	6.55E-03	2.07E-06	6.01E-07	2.15E-03	6.78E-07	1.97E-07	5.42E-03	1.71E-06	4.97E-07	9.67E-04	3.05E-07	8.88E-08
4253 490363.09, 3856377.25	5.62E-03	1.77E-06	5.16E-07	1.55E-03	4.90E-07	1.43E-07	5.89E-03	1.86E-06	5.40E-07	1.80E-03	5.68E-07	1.65E-07	4.96E-03	1.57E-06	4.55E-07	8.10E-04	2.56E-07	7.44E-08
4254 490863.09, 3856377.25	5.16E-03	1.63E-06	4.73E-07	1.32E-03	4.16E-07	1.21E-07	5.38E-03	1.70E-06	4.94E-07	1.53E-03	4.82E-07	1.40E-07	4.61E-03	1.46E-06	4.23E-07	6.89E-04	2.17E-07	6.32E-08
4255 491363.09, 3856377.25	4.79E-03	1.51E-06	4.39E-07	1.14E-03	3.58E-07	1.04E-07	4.98E-03	1.57E-06	4.57E-07	1.31E-03	4.15E-07	1.21E-07	4.33E-03	1.37E-06	3.98E-07	5.94E-04	1.87E-07	5.45E-08
4256 491863.09, 3856377.25	4.42E-03	1.39E-06	4.05E-07	9.84E-04	3.11E-07	9.03E-08	4.58E-03	1.45E-06	4.21E-07	1.14E-03	3.59E-07	1.04E-07	4.03E-03	1.27E-06	3.70E-07	5.15E-04	1.63E-07	4.73E-08
4257 492363.09, 3856377.25	3.98E-03	1.26E-06	3.65E-07	8.48E-04	2.68E-07	7.79E-08	4.12E-03	1.30E-06	3.78E-07	9.81E-04	3.10E-07	9.01E-08	3.65E-03	1.15E-06	3.35E-07	4.45E-04	1.40E-07	4.09E-08
4258 492863.09, 3856377.25	3.32E-03	1.05E-06	3.05E-07	6.87E-04	2.17E-07	6.31E-08	3.44E-03	1.08E-06	3.16E-07	7.94E-04	2.51E-07	7.29E-08	3.06E-03	9.65E-07	2.81E-07	3.61E-04	1.14E-07	3.31E-08
4259 493363.09, 3856377.25	2.35E-03	7.40E-07	2.15E-07	4.35E-04	1.37E-07	3.99E-08	2.42E-03	7.64E-07	2.22E-07	5.02E-04	1.59E-07	4.61E-08	2.19E-03	6.90E-07	2.01E-07	2.29E-04	7.24E-08	2.11E-08
4260 493863.09, 3856377.25	1.96E-03	6.18E-07	1.80E-07	3.25E-04	1.03E-07	2.99E-08	2.01E-03	6.36E-07	1.85E-07	3.76E-04	1.19E-07	3.45E-08	1.85E-03	5.83E-07	1.70E-07	1.72E-04	5.44E-08	1.58E-08
4261 494363.09, 3856377.25	1.59E-03	5.01E-07	1.46E-07	2.29E-04	7.22E-08	2.10E-08	1.62E-03	5.13E-07	1.49E-07	2.64E-04	8.33E-08	2.42E-08	1.52E-03	4.78E-07	1.39E-07	1.22E-04	3.85E-08	1.12E-08
4262 494863.09, 3856377.25	1.31E-03	4.15E-07	1.21E-07	1.67E-04	5.28E-08	1.54E-08	1.34E-03	4.23E-07	1.23E-07	1.93E-04	6.09E-08	1.77E-08	1.27E-03	4.00E-07	1.16E-07	8.97E-05	2.83E-08	8.24E-09
4263 495363.09, 3856377.25	1.13E-03	3.57E-07	1.04E-07	1.33E-04	4.20E-08	1.22E-08	1.15E-03	3.64E-07	1.06E-07	1.53E-04	4.84E-08	1.41E-08	1.10E-03	3.46E-07	1.01E-07	7.16E-05	2.26E-08	6.57E-09
4264 495863.09, 3856377.25	1.09E-03	3.43E-07	9.98E-08	1.23E-04	3.90E-08	1.13E-08	1.11E-03	3.50E-07	1.02E-07	1.42E-04	4.49E-08	1.31E-08	1.06E-03	3.34E-07	9.70E-08	6.66E-05	2.10E-08	6.11E-09
4265 496363.09, 3856377.25	1.08E-03	3.42E-07	9.95E-08	1.21E-04	3.82E-08	1.11E-08	1.10E-03	3.49E-07	1.01E-07	1.40E-04	4.40E-08	1.28E-08	1.06E-03	3.33E-07	9.69E-08	6.53E-05	2.06E-08	6.00E-09
4266 496863.09, 3856377.25	1.13E-03	3.56E-07	1.04E-07	1.26E-04	3.99E-08	1.16E-08	1.15E-03	3.63E-07	1.06E-07	1.46E-04	4.59E-08	1.34E-08	1.10E-03	3.47E-07	1.01E-07	6.80E-05	2.15E-08	6.25E-09
4267 497363.09, 3856377.25	1.16E-03	3.68E-07	1.07E-07	1.31E-04	4.14E-08	1.20E-08	1.19E-03	3.74E-07	1.09E-07	1.51E-04	4.77E-08	1.39E-08	1.13E-03	3.58E-07	1.04E-07	7.05E-05	2.23E-08	6.47E-09
4268 497863.09, 3856377.25	1.22E-03	3.84E-07	1.12E-07	1.40E-04	4.42E-08	1.29E-08	1.24E-03	3.91E-07	1.14E-07	1.61E-04	5.09E-08	1.48E-08	1.18E-03	3.74E-07	1.09E-07	7.52E-05	2.37E-08	6.90E-09
4269 498363.09, 3856377.25	1.29E-03	4.08E-07	1.19E-07	1.53E-04	4.84E-08	1.41E-08	1.32E-03	4.16E-07	1.21E-07	1.77E-04	5.58E-08	1.62E-08	1.26E-03	3.96E-07	1.15E-07	8.21E-05	2.59E-08	7.53E-09
4270 471363.09, 3856877.25	2.56E-04	8.07E-08	2.35E-08	3.29E-05	1.04E-08	3.02E-09	2.61E-04	8.25E-08	2.40E-08	3.80E-05	1.20E-08	3.49E-09	2.48E-04	7.84E-08	2.28E-08	1.73E-05	5.47E-09	1.59E-09
4271 471863.09, 3856877.25	2.62E-04	8.26E-08	2.40E-08	3.43E-05	1.08E-08	3.15E-09	2.68E-04	8.44E-08	2.46E-08	3.96E-05	1.25E-08	3.64E-09	2.54E-04	8.01E-08	2.33E-08	1.81E-05	5.71E-09	1.66E-09
4272 472363.09, 3856877.25	2.79E-04	8.80E-08	2.56E-08	3.68E-05	1.16E-08	3.38E-09	2.85E-04	9.00E-08	2.62E-08	4.25E-05	1.34E-08	3.91E-09	2.70E-04	8.53E-08	2.48E-08	1.94E-05	6.13E-09	1.78E-09
4273 472863.09, 3856877.25	2.97E-04	9.36E-08	2.72E-08	3.95E-05	1.25E-08	3.63E-09	3.03E-04	9.57E-08	2.78E-08	4.56E-05	1.44E-08	4.19E-09	2.87E-04	9.07E-08	2.64E-08	2.08E-05	6.57E-09	1.91E-09
4274 473363.09, 3856877.25	3.33E-04	1.05E-07	3.06E-08	4.38E-05	1.38E-08	4.02E-09	3.41E-04	1.08E-07	3.13E-08	5.06E-05	1.60E-08	4.65E-09	3.23E-04	1.02E-07	2.97E-08	2.31E-05	7.28E-09	2.12E-09
4275 473863.09, 3856877.25	3.54E-04	1.12E-07	3.25E-08	4.69E-05	1.48E-08	4.31E-09	3.62E-04	1.14E-07	3.33E-08	5.43E-05	1.71E-08	4.98E-09	3.44E-04	1.08E-07	3.15E-08	2.47E-05	7.80E-09	2.27E-09
4276 474363.09, 3856877.25	3.42E-04	1.08E-07	3.14E-08	4.75E-05	1.50E-08	4.36E-09	3.50E-04	1.11E-07	3.22E-08	5.49E-05	1.73E-08	5.04E-09	3.31E-04	1.04E-07	3.03E-08	2.50E-05	7.89E-09	2.30E-09
4277 474863.09, 3856877.25	3.25E-04	1.02E-07	2.98E-08	4.64E-05	1.46E-08	4.26E-09	3.32E-04	1.05E-07	3.05E-08	5.36E-05	1.69E-08	4.92E-09	3.12E-04	9.86E-08	2.87E-08	2.45E-05	7.73E-09	2.25E-09
4278 475363.09, 3856877.25	2.87E-04	9.06E-08	2.64E-08	4.12E-05	1.30E-08	3.78E-09	2.94E-04	9.28E-08	2.70E-08	4.76E-05	1.50E-08	4.37E-09	2.76E-04	8.71E-08	2.53E-08	2.18E-05	6.87E-09	2.00E-09
4279 475863.09, 3856877.25	2.92E-04	9.22E-08	2.68E-08	4.19E-05	1.32E-08	3.84E-09	2.99E-04	9.45E-08	2.75E-08	4.84E-05	1.53E-08	4.44E-09	2.81E-04	8.87E-08	2.58E-08	2.21E-05	6.98E-09	2.03E-09
4280 476363.09, 3856877.25	2.72E-04	8.57E-08	2.49E-08	3.69E-05	1.16E-08	3.39E-09	2.78E-04	8.77E-08	2.55E-08	4.26E-05	1.35E-08	3.91E-09	2.62E-04	8.28E-08	2.41E-08	1.95E-05	6.17E-09	1.79E-09
4281 476863.09, 3856877.25	2.71E-04	8.57E-08	2.49E-08	3.58E-05	1.13E-08	3.28E-09	2.77E-04	8.76E-08	2.55E-08	4.13E-05	1.30E-08	3.79E-09	2.63E-04	8.29E-08	2.41E-08	1.90E-05	5.98E-09	1.74E-09
4282 477363.09, 3856877.25	2.59E-04	8.19E-08	2.38E-08	3.19E-05	1.01E-08	2.93E-09	2.65E-04	8.36E-08	2.43E-08	3.68E-05	1.16E-08	3.38E-09	2.52E-04	7.97E-08	2.32E-08	1.69E-05	5.35E-09	1.56E-09
4283 477863.09, 3856877.25	2.20E-04	6.94E-08	2.02E-08	2.21E-05	6.97E-09	2.03E-09	2.23E-04	7.05E-08	2.05E-08	2.55E-05	8.03E-09	2.34E-09	2.17E-04	6.84E-08	1.99E-08	1.19E-05	3.74E-09	1.09E-09
4284 478363.09, 3856877.25	2.15E-04	6.79E-08	1.98E-08	2.00E-05	6.31E-09	1.84E-09	2.19E-04	6.90E-08	2.01E-08	2.30E-05	7.27E-09	2.11E-09	2.13E-04	6.73E-08	1.96E-08	1.08E-05	3.40E-09	9.90E-10
4285 478863.09, 3856877.25	2.54E-04	8.01E-08	2.33E-08	2.58E-05	8.13E-09	2.36E-09	2.58E-04	8.14E-08	2.37E-08	2.97E-05	9.37E-09	2.73E-09	2.50E-04	7.89E-08	2.29E-08	1.38E-05	4.36E-09	1.27E-09
4286 479363.09, 3856877.25	3.10E-04	9.77E-08	2.84E-08	3.53E-05	1.11E-08	3.24E-09	3.16E-04	9.96E-08	2.90E-08	4.08E-05	1.29E-08	3.74E-09	3.03E-04	9.56E-08	2.78E-08	1.88E-05	5.94E-09	1.73E-09

4287 479863.09, 3856877.25	5.90E-04	1.86E-07	5.42E-08	9.54E-05	3.01E-08	8.76E-09	6.06E-04	1.91E-07	5.57E-08	1.10E-04	3.48E-08	1.01E-08	5.61E-04	1.77E-07	5.15E-08	5.03E-05	1.59E-08	4.61E-09
4288 480363.09, 3856877.25	8.87E-04	2.80E-07	8.14E-08	1.56E-04	4.91E-08	1.43E-08	9.14E-04	2.88E-07	8.39E-08	1.80E-04	5.68E-08	1.65E-08	8.37E-04	2.64E-07	7.68E-08	8.16E-05	2.58E-08	7.50E-09
4289 480863.09, 3856877.25	1.29E-03	4.08E-07	1.19E-07	2.11E-04	6.65E-08	1.93E-08	1.33E-03	4.19E-07	1.22E-07	2.44E-04	7.70E-08	2.24E-08	1.23E-03	3.89E-07	1.13E-07	1.10E-04	3.48E-08	1.01E-08
4290 481363.09, 3856877.25	1.87E-03	5.91E-07	1.72E-07	2.65E-04	8.35E-08	2.43E-08	1.92E-03	6.05E-07	1.76E-07	3.06E-04	9.67E-08	2.81E-08	1.81E-03	5.71E-07	1.66E-07	1.38E-04	4.36E-08	1.27E-08
4291 481863.09, 3856877.25	2.54E-03	8.00E-07	2.33E-07	3.18E-04	1.00E-07	2.92E-08	2.59E-03	8.18E-07	2.38E-07	3.68E-04	1.16E-07	3.38E-08	2.48E-03	7.82E-07	2.27E-07	1.66E-04	5.24E-08	1.52E-08
4292 482363.09, 3856877.25	4.61E-03	1.46E-06	4.24E-07	3.58E-04	1.13E-07	3.29E-08	4.68E-03	1.48E-06	4.29E-07	4.14E-04	1.31E-07	3.80E-08	4.65E-03	1.47E-06	4.27E-07	1.87E-04	5.90E-08	1.72E-08
4293 482863.09, 3856877.25	7.00E-03	2.21E-06	6.43E-07	4.26E-04	1.34E-07	3.91E-08	7.08E-03	2.23E-06	6.50E-07	4.93E-04	1.56E-07	4.52E-08	7.13E-03	2.25E-06	6.54E-07	2.22E-04	7.02E-08	2.04E-08
4294 483363.09, 3856877.25	1.29E-02	4.07E-06	1.18E-06	5.32E-04	1.68E-07	4.89E-08	1.30E-02	4.10E-06	1.19E-06	6.16E-04	1.94E-07	5.66E-08	1.33E-02	4.19E-06	1.22E-06	2.78E-04	8.78E-08	2.55E-08
4295 483863.09, 3856877.25	5.11E-02	1.61E-05	4.69E-06	6.88E-04	2.17E-07	6.32E-08	5.12E-02	1.62E-05	4.70E-06	7.96E-04	2.51E-07	7.31E-08	5.35E-02	1.69E-05	4.91E-06	3.60E-04	1.13E-07	3.30E-08
4296 484363.09, 3856877.25	6.63E-02	2.09E-05	6.08E-06	9.05E-04	2.86E-07	8.30E-08	6.64E-02	2.10E-05	6.10E-06	1.05E-03	3.30E-07	9.61E-08	6.94E-02	2.19E-05	6.37E-06	4.73E-04	1.49E-07	4.34E-08
4297 484863.09, 3856877.25	7.81E-02	2.46E-05	7.17E-06	1.19E-03	3.74E-07	1.09E-07	7.83E-02	2.47E-05	7.18E-06	1.37E-03	4.33E-07	1.26E-07	8.17E-02	2.58E-05	7.50E-06	6.20E-04	1.96E-07	5.69E-08
4298 485363.09, 3856877.25	3.47E-02	1.10E-05	3.19E-06	1.72E-03	5.44E-07	1.58E-07	3.50E-02	1.11E-05	3.22E-06	1.99E-03	6.30E-07	1.83E-07	3.56E-02	1.12E-05	3.27E-06	9.00E-04	2.84E-07	8.26E-08
4299 485863.09, 3856877.25	2.30E-02	7.25E-06	2.11E-06	2.91E-03	9.18E-07	2.67E-07	2.35E-02	7.40E-06	2.15E-06	3.37E-03	1.06E-06	3.09E-07	2.24E-02	7.08E-06	2.06E-06	1.51E-03	4.78E-07	1.39E-07
4300 486363.09, 3856877.25	2.13E-02	6.74E-06	1.96E-06	1.00E-02	3.16E-06	9.19E-07	2.31E-02	7.28E-06	2.12E-06	1.16E-02	3.66E-06	1.06E-06	1.64E-02	5.17E-06	1.50E-06	5.20E-03	1.64E-06	4.77E-07
4301 486863.09, 3856877.25	5.03E-02	1.59E-05	4.61E-06	3.76E-02	1.19E-05	3.46E-06	5.67E-02	1.79E-05	5.21E-06	4.36E-02	1.38E-05	4.00E-06	2.99E-02	9.44E-06	2.75E-06	1.96E-02	6.17E-06	1.80E-06
4302 487363.09, 3856877.25	1.91E-02	6.02E-06	1.75E-06	1.01E-02	3.19E-06	9.27E-07	2.08E-02	6.57E-06	1.91E-06	1.17E-02	3.69E-06	1.07E-06	1.39E-02	4.39E-06	1.28E-06	5.25E-03	1.66E-06	4.82E-07
4303 487863.09, 3856877.25	1.34E-02	4.22E-06	1.23E-06	5.55E-03	1.75E-06	5.09E-07	1.43E-02	4.52E-06	1.31E-06	6.43E-03	2.03E-06	5.90E-07	1.07E-02	3.37E-06	9.81E-07	2.88E-03	9.11E-07	2.65E-07
4304 488363.09, 3856877.25	1.06E-02	3.36E-06	9.77E-07	3.66E-03	1.16E-06	3.36E-07	1.13E-02	3.56E-06	1.03E-06	4.24E-03	1.34E-06	3.90E-07	8.97E-03	2.83E-06	8.23E-07	1.91E-03	6.02E-07	1.75E-07
4305 488863.09, 3856877.25	8.99E-03	2.84E-06	8.25E-07	2.70E-03	8.52E-07	2.48E-07	9.45E-03	2.98E-06	8.68E-07	3.13E-03	9.86E-07	2.87E-07	7.82E-03	2.47E-06	7.18E-07	1.40E-03	4.43E-07	1.29E-07
4306 489363.09, 3856877.25	8.09E-03	2.55E-06	7.42E-07	2.11E-03	6.66E-07	1.94E-07	8.45E-03	2.67E-06	7.76E-07	2.44E-03	7.72E-07	2.24E-07	7.22E-03	2.28E-06	6.63E-07	1.10E-03	3.47E-07	1.01E-07
4307 489863.09, 3856877.25	7.36E-03	2.32E-06	6.76E-07	1.72E-03	5.44E-07	1.58E-07	7.66E-03	2.42E-06	7.03E-07	2.00E-03	6.30E-07	1.83E-07	6.68E-03	2.11E-06	6.13E-07	9.00E-04	2.84E-07	8.27E-08
4308 490363.09, 3856877.25	6.69E-03	2.11E-06	6.14E-07	1.44E-03	4.56E-07	1.33E-07	6.94E-03	2.19E-06	6.37E-07	1.67E-03	5.28E-07	1.53E-07	6.14E-03	1.94E-06	5.64E-07	7.56E-04	2.39E-07	6.94E-08
4309 490863.09, 3856877.25	6.12E-03	1.93E-06	5.62E-07	1.23E-03	3.88E-07	1.13E-07	6.33E-03	2.00E-06	5.81E-07	1.42E-03	4.49E-07	1.31E-07	5.66E-03	1.79E-06	5.20E-07	6.45E-04	2.04E-07	5.92E-08
4310 491363.09, 3856877.25	5.60E-03	1.77E-06	5.14E-07	1.06E-03	3.36E-07	9.77E-08	5.78E-03	1.82E-06	5.31E-07	1.23E-03	3.89E-07	1.13E-07	5.22E-03	1.65E-06	4.79E-07	5.59E-04	1.76E-07	5.13E-08
4311 491863.09, 3856877.25	5.11E-03	1.61E-06	4.69E-07	9.27E-04	2.93E-07	8.51E-08	5.27E-03	1.66E-06	4.83E-07	1.07E-03	3.38E-07	9.84E-08	4.79E-03	1.51E-06	4.39E-07	4.87E-04	1.54E-07	4.47E-08
4312 492363.09, 3856877.25	4.21E-03	1.33E-06	3.86E-07	7.61E-04	2.40E-07	6.99E-08	4.34E-03	1.37E-06	3.98E-07	8.80E-04	2.78E-07	8.08E-08	3.94E-03	1.24E-06	3.61E-07	4.01E-04	1.27E-07	3.68E-08
4313 492863.09, 3856877.25	3.46E-03	1.09E-06	3.18E-07	5.91E-04	1.87E-07	5.43E-08	3.56E-03	1.12E-06	3.27E-07	6.83E-04	2.16E-07	6.27E-08	3.26E-03	1.03E-06	2.99E-07	3.12E-04	9.86E-08	2.87E-08
4314 493363.09, 3856877.25	2.69E-03	8.49E-07	2.47E-07	4.17E-04	1.32E-07	3.83E-08	2.76E-03	8.71E-07	2.53E-07	4.82E-04	1.52E-07	4.42E-08	2.55E-03	8.06E-07	2.34E-07	2.21E-04	6.98E-08	2.03E-08
4315 493863.09, 3856877.25	2.04E-03	6.45E-07	1.88E-07	2.76E-04	8.70E-08	2.53E-08	2.09E-03	6.59E-07	1.92E-07	3.18E-04	1.00E-07	2.92E-08	1.96E-03	6.20E-07	1.80E-07	1.47E-04	4.64E-08	1.35E-08
4316 494363.09, 3856877.25	1.63E-03	5.14E-07	1.49E-07	1.91E-04	6.03E-08	1.75E-08	1.66E-03	5.24E-07	1.52E-07	2.20E-04	6.95E-08	2.02E-08	1.58E-03	4.99E-07	1.45E-07	1.03E-04	3.24E-08	9.41E-09
4317 494863.09, 3856877.25	1.43E-03	4.52E-07	1.31E-07	1.56E-04	4.94E-08	1.44E-08	1.46E-03	4.60E-07	1.34E-07	1.80E-04	5.69E-08	1.65E-08	1.40E-03	4.40E-07	1.28E-07	8.43E-05	2.66E-08	7.74E-09
4318 495363.09, 3856877.25	1.31E-03	4.13E-07	1.20E-07	1.37E-04	4.33E-08	1.26E-08	1.33E-03	4.20E-07	1.22E-07	1.58E-04	4.98E-08	1.45E-08	1.28E-03	4.04E-07	1.17E-07	7.41E-05	2.34E-08	6.80E-09
4319 495863.09, 3856877.25	1.27E-03	3.99E-07	1.16E-07	1.31E-04	4.12E-08	1.20E-08	1.29E-03	4.06E-07	1.18E-07	1.50E-04	4.75E-08	1.38E-08	1.24E-03	3.91E-07	1.14E-07	7.05E-05	2.23E-08	6.48E-09
4320 496363.09, 3856877.25	1.24E-03	3.90E-07	1.13E-07	1.27E-04	4.00E-08	1.16E-08	1.26E-03	3.97E-07	1.15E-07	1.46E-04	4.60E-08	1.34E-08	1.21E-03	3.82E-07	1.11E-07	6.83E-05	2.16E-08	6.27E-09
4321 496863.09, 3856877.25	1.24E-03	3.92E-07	1.14E-07	1.27E-04	4.01E-08	1.17E-08	1.26E-03	3.99E-07	1.16E-07	1.46E-04	4.62E-08	1.34E-08	1.22E-03	3.84E-07	1.12E-07	6.86E-05	2.16E-08	6.29E-09
4322 497363.09, 3856877.25	1.27E-03	4.01E-07	1.17E-07	1.33E-04	4.19E-08	1.22E-08	1.29E-03	4.08E-07	1.19E-07	1.53E-04	4.82E-08	1.40E-08	1.24E-03	3.93E-07	1.14E-07	7.14E-05	2.25E-08	6.55E-09
4323 497863.09, 3856877.25	1.36E-03	4.30E-07	1.25E-07	1.48E-04	4.68E-08	1.36E-08	1.39E-03	4.37E-07	1.27E-07	1.71E-04	5.40E-08	1.57E-08	1.33E-03	4.20E-07	1.22E-07	7.95E-05	2.51E-08	7.30E-09
4324 498363.09, 3856877.25	1.48E-03	4.66E-07	1.36E-07	1.68E-04	5.29E-08	1.54E-08	1.50E-03	4.75E-07	1.38E-07	1.93E-04	6.10E-08	1.77E-08	1.44E-03	4.55E-07	1.32E-07	8.96E-05	2.83E-08	8.22E-09
4325 471363.09, 3857377.25	2.62E-04	8.27E-08	2.41E-08	3.37E-05	1.06E-08	3.09E-09	2.68E-04	8.45E-08	2.46E-08	3.89E-05	1.23E-08	3.57E-09	2.55E-04	8.03E-08	2.34E-08	1.78E-05	5.61E-09	1.63E-09
4326 471863.09, 3857377.25	2.67E-04	8.44E-08	2.45E-08	3.49E-05	1.10E-08	3.21E-09	2.73E-04	8.62E-08	2.51E-08	4.03E-05	1.27E-08	3.70E-09	2.59E-04	8.18E-08	2.38E-08	1.84E-05	5.82E-09	1.69E-09
4327 472363.09, 3857377.25	2.82E-04	8.89E-08	2.59E-08	3.70E-05	1.17E-08	3.39E-09	2.88E-04	9.09E-08	2.64E-08	4.27E-05	1.35E-08	3.92E-09	2.73E-04	8.62E-08	2.51E-08	1.95E-05	6.16E-09	1.79E-09
4328 472863.09, 3857377.25	3.02E-04	9.52E-08	2.77E-08	3.96E-05	1.25E-08	3.64E-09	3.08E-04	9.73E-08	2.83E-08	4.58E-05	1.44E-08	4.20E-09	2.92E-04	9.23E-08	2.68E-08	2.09E-05	6.59E-09	1.92E-09
4329 473363.09, 3857377.25	3.29E-04	1.04E-07	3.02E-08	4.30E-05	1.36E-08	3.95E-09	3.37E-04	1.06E-07	3.09E-08	4.97E-05	1.57E-08	4.56E-09	3.20E-04	1.01E-07	2.93E-08	2.27E-05	7.16E-09	2.08E-09
4330 473863.09, 3857377.25	3.66E-04	1.15E-07	3.36E-08	4.70E-05	1.48E-08	4.32E-09	3.74E-04	1.18E-07	3.43E-08	5.43E-05	1.71E-08	4.99E-09	3.56E-04	1.12E-07	3.26E-08	2.48E-05	7.82E-09	2.27E-09
4331 474363.09, 3857377.25	3.40E-04	1.07E-07	3.12E-08	4.65E-05	1.47E-08	4.27E-09	3.47E-04	1.10E-07	3.19E-08	5.37E-05	1.70E-08	4.93E-09	3.28E-04	1.04E-07	3.01E-08	2.45E-05	7.73E-09	2.25E-09
4332 474863.09, 3857377.25	2.69E-04	8.50E-08	2.47E-08	3.80E-05	1.20E-08	3.49E-09	2.76E-04	8.70E-08	2.53E-08	4.39E-05	1.39E-08	4.03E-09	2.59E-04	8.18E-08	2.38E-08	2.01E-05	6.34E-09	1.84E-09
4333 475363.09, 3857377.25	2.11E-04	6.67E-08	1.94E-08	2.68E-05	8.46E-09	2.46E-09	2.16E-04	6.81E-08	1.98E-08	3.10E-05	9.77E-09	2.84E-09	2.05E-04	6.47E-08	1.88E-08	1.42E-05	4.49E-09	1.31E-09
4334 475863.09, 3857377.25	2.07E-04	6.54E-08	1.90E-08	2.50E-05	7.90E-09	2.30E-09	2.12E-04	6.68E-08	1.94E-08	2.89E-05	9.12E-09	2.65E-09	2.02E-04	6.37E-08	1.85E-08	1.33E-05	4.20E-09	1.22E-09
4335 476363.09, 3857377.25	2.52E-04	7.96E-08	2.32E-08	3.34E-05	1.05E-08	3.06E-09	2.58E-04	8.14E-08	2.37E-08	3.85E-05	1.22E-08	3.54E-09	2.44E-04	7.71E-08	2.24E-08	1.77E-05	5.58E-09	1.62E-09
4336 476863.09, 3857377.25	2.69E-04	8.48E-08	2.47E-08	3.57E-05	1.13E-08	3.28E-09	2.75E-04	8.67E-08	2.52E-08	4.12E-05	1.30E-08	3.78E-09	2.60E-04	8.21E-08	2.39E-08	1.89E-05	5.97E-09	1.74E-09
4337 477363.09, 3857377.25	2.53E-04	8.00E-08	2.33E-08	3.17E-05	9.99E-09	2.91E-09	2.59E-04	8.16E-08	2.37E-08	3.65E-05	1.15E-08	3.35E-09	2.46E-04	7.77E-08	2.26E-08	1.68E-05	5.31E-09	1.54E-09
4338 477863.09, 3857377.25	2.23E-04	7.03E-08	2.05E-08	2.39E-05	7.53E-09	2.19E-09	2.27E-04	7.16E-08	2.08E-08	2.75E-05	8.68E-09	2.53E-09	2.19E-04	6.91E-08	2.01E-08	1.28E-05	4.03E-09	1.17E-09
4339 478363.09, 3857377.25	2.03E-04	6.40E-08	1.86E-08	1.83E-05	5.78E-09	1.68E-09	2.06E-04	6.49E-08	1.89E-08	2.11E-05	6.65E-09	1.93E-09	2.01E-04	6.34E-08	1.84E-08	9.90E-06	3.12E-09	9.09E-10
4340 478863.09, 3857377.25	1.95E-04	6.17E-08	1.79E-08	1.58E-05	4.98E-09	1.45E-09	1.98E-04	6.25E-08	1.82E-08	1.81E-05	5.72E-09	1.66E-09	1.95E-04	6.15E-08	1.79E-08	8.59E-06	2.71E-09	7.89E-10
4341 479363.09, 3857377.25	2.60E-04	8.21E-08	2.39E-08	2.59E-05	8.17E-09	2.38E-09	2.64E-04	8.34E-08	2.43E-08	2.98E-05	9.42E-09	2.74E-09	2.56E-04	8.10E-08	2.35E-08	1.39E-05	4.39E-09	1.28E-09
4342 479863.09, 3857377.25	5.05E-04	1.59E-07	4.64E-08	7.76E-05	2.45E-08	7.12E-09	5.18E-04	1.64E-07	4.76E-08	8.97E-05	2.83E-08	8.23E-09	4.83E-04	1.52E-07	4.43E-08	4.09E-05	1.29E-08	3.76E-09
4343 480363.09, 3857377.25	4.57E-04	1.44E-07	4.20E-08	6.36E-05	2.01E-08	5.84E-09	4.68E-04	1.48E-07	4.30E-08	7.35E-05	2.32E-08	6.75E-09	4.41E-04	1.39E-07	4.05E-08	3.36E-05	1.06E-08	3.09E-09
4344 480863.09, 3857377.25	1.29E-03	4.09E-07	1.19E-07	2.09E-04	6.59E-08	1.92E-08	1.33E-03	4.20E-07	1.22E-07	2.42E-04	7.63E-08	2.22E-08	1.24E-03	3.90E-07	1.13E-07	1.09E-04	3.45E-08	1.00E-08
4345 481363.09, 3857377.25	1.44E-03	4.56E-07	1.33E-07	2.38E-04	7.51E-08	2.18E-08	1.48E-03	4.69E-07	1.36E-07	2.75E-04	8.69E-08	2.53E-08	1.37E-03	4.34E-07	1.26E-07	1.24E-04	3.92E-08	1.14E-08
4346 481863.09, 3857377.25	2.05E-03	6.47E-07	1.88E-07	2.87E-04	9.07E-08	2.64E-08	2.10E-03	6.63E-07	1.93E-07	3.33E-04	1.05E-07	3.05E-08	1.99E-03	6.27E-07	1.82E-07	1.50E-04	4.74E-08	1.38E-08
4347 482363.09, 3857377.25	3.73E-03	1.18E-06	3.42E-07	3.28E-04	1.04E-07	3.01E-08	3.79E-03	1.19E-06	3.48E-07	3.80E-04	1.20E-07	3.49E-08	3.73E-03	1.18E-06	3.43E-07	1.71E-04	5.40E-08	1.57E-08
4348 482863.09, 3857377.25	5.30E-03	1.67E-06	4.86E-07	3.75E-04	1.18E-07	3.44E-08	5.36E-03	1.69E-06	4.92E-07	4.34E-04	1.37E-07	3.99E-08	5.36E-03	1.69E-06	4.92E-07	1.96E-04	6.18E-08	1.80E-08
4349 483363.09, 3857377.25	7.40E-03	2.34E-06	6.79E-07	4.50E-04	1.42E-07	4.13E-08	7.48E-03	2.36E-06	6.87E-07	5.21E-04	1.64E-07	4.78E-08	7.53E-03	2.38E-06	6.92E-07	2.35E-04	7.42E-08	2.16E-08
4350 483863.09, 3857377.25	1.09E-02	3.43E-06	9.99E-07	5.49E-04	1.73E-07	5.04E-08	1.10E-02	3.46E-06	1.01E-06	6.36E-04	2.01E-07	5.84E-08	1.11E-02	3.52E-06	1.02E-06	2.87E-04	9.05E-08	2.63E-08
4351 484363.09, 3857377.25	1.72E-02	5.43E-06	1.58E-06	6.70E-04	2.11E-07	6.15E-08	1.73E-02	5.47E-06	1.59E-06	7.75E-04	2.45E-07	7.12E-08	1.78E-02	5.60E-06	1.63E-06	3.49E-04	1.10E-07	3.21E-08
4352 484863.09, 3857377.25	3.03E-02	9.57E-06	2.78E-06	8.17E-04	2.58E-07	7.50E-08	3.05E-02	9.62E-06	2.80E-06	9.46E-04	2.99E-07	8.68E-08	3.15E-02	9.95E-06	2.89E-06	4.26E-04	1.34E-07	3.91E-08

4353 485363.09, 3857377.25	7.28E-02	2.30E-05	6.68E-06	1.02E-03	3.20E-07	9.32E-08	7.30E-02	2.30E-05	6.70E-06	1.18E-03	3.71E-07	1.08E-07	7.62E-02	2.41E-05	7.00E-06	5.29E-04	1.67E-07	4.86E-08
4354 485863.09, 3857377.25	4.29E-02	1.35E-05	3.94E-06	1.31E-03	4.14E-07	1.20E-07	4.32E-02	1.36E-05	3.96E-06	1.52E-03	4.79E-07	1.39E-07	4.45E-02	1.40E-05	4.09E-06	6.83E-04	2.16E-07	6.27E-08
4355 486363.09, 3857377.25	2.07E-02	6.54E-06	1.90E-06	1.96E-03	6.18E-07	1.80E-07	2.11E-02	6.65E-06	1.93E-06	2.27E-03	7.16E-07	2.08E-07	2.07E-02	6.52E-06	1.90E-06	1.02E-03	3.22E-07	9.36E-08
4356 486863.09, 3857377.25	1.41E-02	4.45E-06	1.29E-06	2.99E-03	9.45E-07	2.75E-07	1.46E-02	4.61E-06	1.34E-06	3.47E-03	1.09E-06	3.18E-07	1.30E-02	4.11E-06	1.20E-06	1.56E-03	4.91E-07	1.43E-07
4357 487363.09, 3857377.25	1.30E-02	4.11E-06	1.20E-06	3.11E-03	9.80E-07	2.85E-07	1.36E-02	4.28E-06	1.25E-06	3.60E-03	1.14E-06	3.30E-07	1.18E-02	3.74E-06	1.09E-06	1.62E-03	5.10E-07	1.48E-07
4358 487863.09, 3857377.25	1.19E-02	3.77E-06	1.10E-06	2.65E-03	8.37E-07	2.43E-07	1.24E-02	3.91E-06	1.14E-06	3.07E-03	9.69E-07	2.82E-07	1.10E-02	3.46E-06	1.01E-06	1.38E-03	4.36E-07	1.27E-07
4359 488363.09, 3857377.25	1.07E-02	3.36E-06	9.79E-07	2.18E-03	6.89E-07	2.00E-07	1.10E-02	3.48E-06	1.01E-06	2.53E-03	7.98E-07	2.32E-07	9.89E-03	3.12E-06	9.08E-07	1.14E-03	3.59E-07	1.04E-07
4360 488863.09, 3857377.25	1.04E-02	3.30E-06	9.59E-07	1.82E-03	5.74E-07	1.67E-07	1.08E-02	3.39E-06	9.87E-07	2.10E-03	6.63E-07	1.93E-07	9.85E-03	3.11E-06	9.04E-07	9.53E-04	3.01E-07	8.75E-08
4361 489363.09, 3857377.25	1.00E-02	3.16E-06	9.19E-07	1.54E-03	4.87E-07	1.42E-07	1.03E-02	3.24E-06	9.43E-07	1.78E-03	5.63E-07	1.64E-07	9.53E-03	3.01E-06	8.75E-07	8.14E-04	2.57E-07	7.48E-08
4362 489863.09, 3857377.25	8.98E-03	2.83E-06	8.24E-07	1.34E-03	4.21E-07	1.23E-07	9.20E-03	2.90E-06	8.45E-07	1.54E-03	4.87E-07	1.42E-07	8.58E-03	2.71E-06	7.88E-07	7.05E-04	2.22E-07	6.47E-08
4363 490363.09, 3857377.25	8.01E-03	2.53E-06	7.36E-07	1.16E-03	3.67E-07	1.07E-07	8.21E-03	2.59E-06	7.54E-07	1.34E-03	4.24E-07	1.23E-07	7.68E-03	2.42E-06	7.05E-07	6.15E-04	1.94E-07	5.64E-08
4364 490863.09, 3857377.25	7.26E-03	2.29E-06	6.67E-07	1.02E-03	3.23E-07	9.39E-08	7.43E-03	2.35E-06	6.82E-07	1.18E-03	3.73E-07	1.08E-07	6.98E-03	2.20E-06	6.40E-07	5.40E-04	1.71E-07	4.96E-08
4365 491363.09, 3857377.25	6.64E-03	2.10E-06	6.10E-07	9.05E-04	2.86E-07	8.31E-08	6.80E-03	2.15E-06	6.24E-07	1.05E-03	3.30E-07	9.60E-08	6.40E-03	2.02E-06	5.88E-07	4.79E-04	1.51E-07	4.39E-08
4366 491863.09, 3857377.25	5.87E-03	1.85E-06	5.39E-07	8.02E-04	2.53E-07	7.37E-08	6.01E-03	1.90E-06	5.52E-07	9.27E-04	2.93E-07	8.51E-08	5.66E-03	1.78E-06	5.19E-07	4.25E-04	1.34E-07	3.90E-08
4367 492363.09, 3857377.25	4.53E-03	1.43E-06	4.16E-07	6.40E-04	2.02E-07	5.88E-08	4.64E-03	1.46E-06	4.26E-07	7.39E-04	2.33E-07	6.79E-08	4.34E-03	1.37E-06	3.99E-07	3.40E-04	1.07E-07	3.12E-08
4368 492863.09, 3857377.25	3.34E-03	1.05E-06	3.07E-07	4.42E-04	1.39E-07	4.05E-08	3.42E-03	1.08E-06	3.14E-07	5.10E-04	1.61E-07	4.68E-08	3.22E-03	1.02E-06	2.96E-07	2.35E-04	7.42E-08	2.16E-08
4369 493363.09, 3857377.25	2.49E-03	7.85E-07	2.28E-07	2.95E-04	9.31E-08	2.71E-08	2.54E-03	8.00E-07	2.33E-07	3.40E-04	1.07E-07	3.12E-08	2.42E-03	7.63E-07	2.22E-07	1.58E-04	4.98E-08	1.45E-08
4370 493863.09, 3857377.25	2.14E-03	6.76E-07	1.97E-07	2.38E-04	7.51E-08	2.19E-08	2.18E-03	6.88E-07	2.00E-07	2.74E-04	8.66E-08	2.52E-08	2.09E-03	6.60E-07	1.92E-07	1.28E-04	4.03E-08	1.17E-08
4371 494363.09, 3857377.25	1.82E-03	5.75E-07	1.67E-07	1.88E-04	5.93E-08	1.73E-08	1.85E-03	5.85E-07	1.70E-07	2.17E-04	6.84E-08	1.99E-08	1.79E-03	5.64E-07	1.64E-07	1.01E-04	3.19E-08	9.28E-09
4372 494863.09, 3857377.25	1.66E-03	5.23E-07	1.52E-07	1.65E-04	5.21E-08	1.52E-08	1.69E-03	5.32E-07	1.55E-07	1.90E-04	6.00E-08	1.75E-08	1.63E-03	5.14E-07	1.50E-07	8.89E-05	2.80E-08	8.16E-09
4373 495363.09, 3857377.25	1.53E-03	4.82E-07	1.40E-07	1.48E-04	4.68E-08	1.36E-08	1.55E-03	4.90E-07	1.43E-07	1.71E-04	5.39E-08	1.57E-08	1.50E-03	4.75E-07	1.38E-07	7.99E-05	2.52E-08	7.34E-09
4374 495863.09, 3857377.25	1.47E-03	4.63E-07	1.35E-07	1.42E-04	4.48E-08	1.30E-08	1.49E-03	4.71E-07	1.37E-07	1.63E-04	5.16E-08	1.50E-08	1.45E-03	4.56E-07	1.33E-07	7.64E-05	2.41E-08	7.01E-09
4375 496363.09, 3857377.25	1.42E-03	4.49E-07	1.31E-07	1.38E-04	4.36E-08	1.27E-08	1.45E-03	4.57E-07	1.33E-07	1.59E-04	5.03E-08	1.46E-08	1.40E-03	4.43E-07	1.29E-07	7.44E-05	2.35E-08	6.83E-09
4376 496863.09, 3857377.25	1.40E-03	4.41E-07	1.28E-07	1.37E-04	4.31E-08	1.25E-08	1.42E-03	4.48E-07	1.30E-07	1.57E-04	4.97E-08	1.44E-08	1.38E-03	4.34E-07	1.26E-07	7.34E-05	2.32E-08	6.74E-09
4377 497363.09, 3857377.25	1.42E-03	4.49E-07	1.31E-07	1.43E-04	4.51E-08	1.31E-08	1.45E-03	4.57E-07	1.33E-07	1.65E-04	5.20E-08	1.51E-08	1.40E-03	4.42E-07	1.29E-07	7.67E-05	2.42E-08	7.04E-09
4378 497863.09, 3857377.25	1.48E-03	4.69E-07	1.36E-07	1.54E-04	4.85E-08	1.41E-08	1.51E-03	4.77E-07	1.39E-07	1.77E-04	5.59E-08	1.63E-08	1.46E-03	4.60E-07	1.34E-07	8.23E-05	2.60E-08	7.55E-09
4379 498363.09, 3857377.25	1.70E-03	5.37E-07	1.56E-07	1.87E-04	5.89E-08	1.71E-08	1.73E-03	5.47E-07	1.59E-07	2.15E-04	6.80E-08	1.98E-08	1.67E-03	5.26E-07	1.53E-07	9.95E-05	3.14E-08	9.13E-09
4380 471363.09, 3857877.25	2.70E-04	8.51E-08	2.48E-08	3.50E-05	1.10E-08	3.21E-09	2.76E-04	8.70E-08	2.53E-08	4.04E-05	1.28E-08	3.71E-09	2.62E-04	8.27E-08	2.40E-08	1.84E-05	5.82E-09	1.69E-09
4381 471863.09, 3857877.25	2.77E-04	8.74E-08	2.54E-08	3.64E-05	1.15E-08	3.35E-09	2.83E-04	8.93E-08	2.60E-08	4.21E-05	1.33E-08	3.87E-09	2.68E-04	8.47E-08	2.46E-08	1.92E-05	6.07E-09	1.76E-09
4382 472363.09, 3857877.25	2.91E-04	9.18E-08	2.67E-08	3.85E-05	1.21E-08	3.53E-09	2.97E-04	9.38E-08	2.73E-08	4.45E-05	1.40E-08	4.08E-09	2.82E-04	8.89E-08	2.59E-08	2.03E-05	6.41E-09	1.86E-09
4383 472863.09, 3857877.25	3.17E-04	1.00E-07	2.91E-08	4.16E-05	1.31E-08	3.82E-09	3.24E-04	1.02E-07	2.98E-08	4.80E-05	1.52E-08	4.41E-09	3.08E-04	9.72E-08	2.83E-08	2.19E-05	6.91E-09	2.01E-09
4384 473363.09, 3857877.25	3.35E-04	1.06E-07	3.07E-08	4.41E-05	1.39E-08	4.05E-09	3.42E-04	1.08E-07	3.14E-08	5.10E-05	1.61E-08	4.68E-09	3.24E-04	1.02E-07	2.98E-08	2.32E-05	7.33E-09	2.13E-09
4385 473863.09, 3857877.25	3.65E-04	1.15E-07	3.35E-08	4.76E-05	1.50E-08	4.37E-09	3.73E-04	1.18E-07	3.42E-08	5.50E-05	1.74E-08	5.05E-09	3.54E-04	1.12E-07	3.25E-08	2.51E-05	7.91E-09	2.30E-09
4386 474363.09, 3857877.25	3.31E-04	1.04E-07	3.03E-08	4.64E-05	1.46E-08	4.26E-09	3.38E-04	1.07E-07	3.11E-08	5.36E-05	1.69E-08	4.92E-09	3.19E-04	1.01E-07	2.92E-08	2.45E-05	7.73E-09	2.25E-09
4387 474863.09, 3857877.25	2.52E-04	7.95E-08	2.31E-08	3.62E-05	1.14E-08	3.33E-09	2.58E-04	8.14E-08	2.37E-08	4.19E-05	1.32E-08	3.84E-09	2.42E-04	7.64E-08	2.22E-08	1.92E-05	6.05E-09	1.76E-09
4388 475363.09, 3857877.25	1.75E-04	5.53E-08	1.61E-08	2.01E-05	6.34E-09	1.84E-09	1.78E-04	5.63E-08	1.64E-08	2.32E-05	7.32E-09	2.13E-09	1.71E-04	5.40E-08	1.57E-08	1.07E-05	3.39E-09	9.85E-10
4389 475863.09, 3857877.25	1.19E-04	3.76E-08	1.09E-08	9.36E-06	2.95E-09	8.59E-10	1.21E-04	3.81E-08	1.11E-08	1.08E-05	3.39E-09	9.87E-10	1.19E-04	3.75E-08	1.09E-08	5.14E-06	1.62E-09	4.72E-10
4390 476363.09, 3857877.25	1.98E-04	6.24E-08	1.82E-08	2.32E-05	7.33E-09	2.13E-09	2.02E-04	6.37E-08	1.85E-08	2.68E-05	8.45E-09	2.46E-09	1.93E-04	6.09E-08	1.77E-08	1.24E-05	3.91E-09	1.14E-09
4391 476863.09, 3857877.25	2.32E-04	7.32E-08	2.13E-08	2.95E-05	9.31E-09	2.71E-09	2.37E-04	7.48E-08	2.18E-08	3.40E-05	1.07E-08	3.12E-09	2.25E-04	7.10E-08	2.07E-08	1.57E-05	4.95E-09	1.44E-09
4392 477363.09, 3857877.25	2.37E-04	7.47E-08	2.17E-08	2.93E-05	9.24E-09	2.69E-09	2.42E-04	7.62E-08	2.22E-08	3.38E-05	1.07E-08	3.10E-09	2.30E-04	7.26E-08	2.11E-08	1.56E-05	4.92E-09	1.43E-09
4393 477863.09, 3857877.25	2.39E-04	7.55E-08	2.20E-08	2.80E-05	8.83E-09	2.57E-09	2.44E-04	7.70E-08	2.24E-08	3.23E-05	1.02E-08	2.96E-09	2.33E-04	7.37E-08	2.14E-08	1.49E-05	4.71E-09	1.37E-09
4394 478363.09, 3857877.25	1.82E-04	5.73E-08	1.67E-08	1.50E-05	4.73E-09	1.38E-09	1.84E-04	5.81E-08	1.69E-08	1.72E-05	5.44E-09	1.58E-09	1.81E-04	5.70E-08	1.66E-08	8.17E-06	2.58E-09	7.50E-10
4395 478863.09, 3857877.25	1.69E-04	5.34E-08	1.55E-08	1.23E-05	3.89E-09	1.13E-09	1.71E-04	5.40E-08	1.57E-08	1.41E-05	4.46E-09	1.30E-09	1.69E-04	5.34E-08	1.55E-08	6.78E-06	2.14E-09	6.23E-10
4396 479363.09, 3857877.25	4.57E-04	1.44E-07	4.20E-08	7.29E-05	2.30E-08	6.69E-09	4.70E-04	1.48E-07	4.31E-08	8.42E-05	2.66E-08	7.73E-09	4.35E-04	1.37E-07	3.99E-08	3.84E-05	1.21E-08	3.53E-09
4397 479863.09, 3857877.25	8.39E-04	2.65E-07	7.70E-08	1.43E-04	4.50E-08	1.31E-08	8.63E-04	2.73E-07	7.93E-08	1.65E-04	5.21E-08	1.52E-08	7.95E-04	2.51E-07	7.30E-08	7.48E-05	2.36E-08	6.87E-09
4398 480363.09, 3857877.25	1.12E-03	3.53E-07	1.03E-07	1.72E-04	5.41E-08	1.57E-08	1.15E-03	3.62E-07	1.05E-07	1.98E-04	6.26E-08	1.82E-08	1.07E-03	3.38E-07	9.84E-08	8.98E-05	2.83E-08	8.24E-09
4399 480863.09, 3857877.25	1.29E-03	4.06E-07	1.18E-07	1.93E-04	6.10E-08	1.77E-08	1.32E-03	4.17E-07	1.21E-07	2.24E-04	7.06E-08	2.05E-08	1.24E-03	3.90E-07	1.14E-07	1.01E-04	3.19E-08	9.28E-09
4400 481363.09, 3857877.25	1.49E-03	4.72E-07	1.37E-07	2.21E-04	6.97E-08	2.03E-08	1.53E-03	4.84E-07	1.41E-07	2.55E-04	8.06E-08	2.35E-08	1.44E-03	4.54E-07	1.32E-07	1.15E-04	3.64E-08	1.06E-08
4401 481863.09, 3857877.25	1.84E-03	5.82E-07	1.69E-07	2.55E-04	8.04E-08	2.34E-08	1.89E-03	5.96E-07	1.73E-07	2.95E-04	9.31E-08	2.71E-08	1.79E-03	5.64E-07	1.64E-07	1.33E-04	4.20E-08	1.22E-08
4402 482363.09, 3857877.25	2.79E-03	8.81E-07	2.56E-07	2.97E-04	9.38E-08	2.73E-08	2.84E-03	8.97E-07	2.61E-07	3.44E-04	1.09E-07	3.16E-08	2.76E-03	8.72E-07	2.54E-07	1.55E-04	4.90E-08	1.42E-08
4403 482863.09, 3857877.25	4.22E-03	1.33E-06	3.88E-07	3.23E-04	1.02E-07	2.97E-08	4.28E-03	1.35E-06	3.93E-07	3.74E-04	1.18E-07	3.43E-08	4.25E-03	1.34E-06	3.91E-07	1.69E-04	5.33E-08	1.55E-08
4404 483363.09, 3857877.25	5.14E-03	1.62E-06	4.72E-07	3.77E-04	1.19E-07	3.46E-08	5.21E-03	1.64E-06	4.78E-07	4.36E-04	1.38E-07	4.01E-08	5.19E-03	1.64E-06	4.77E-07	1.97E-04	6.21E-08	1.81E-08
4405 483863.09, 3857877.25	6.26E-03	1.98E-06	5.75E-07	4.39E-04	1.39E-07	4.03E-08	6.34E-03	2.00E-06	5.82E-07	5.08E-04	1.60E-07	4.67E-08	6.34E-03	2.00E-06	5.82E-07	2.29E-04	7.23E-08	2.10E-08
4406 484363.09, 3857877.25	7.55E-03	2.38E-06	6.93E-07	5.10E-04	1.61E-07	4.68E-08	7.63E-03	2.41E-06	7.01E-07	5.90E-04	1.86E-07	5.42E-08	7.65E-03	2.41E-06	7.02E-07	2.66E-04	8.39E-08	2.44E-08
4407 484863.09, 3857877.25	9.40E-03	2.97E-06	8.63E-07	5.84E-04	1.84E-07	5.36E-08	9.50E-03	3.00E-06	8.73E-07	6.76E-04	2.13E-07	6.20E-08	9.56E-03	3.02E-06	8.78E-07	3.05E-04	9.61E-08	2.80E-08
4408 485363.09, 3857877.25	1.20E-02	3.80E-06	1.11E-06	6.57E-04	2.07E-07	6.03E-08	1.22E-02	3.84E-06	1.12E-06	7.61E-04	2.40E-07	6.98E-08	1.23E-02	3.88E-06	1.13E-06	3.43E-04	1.08E-07	3.15E-08
4409 485863.09, 3857877.25	1.79E-02	5.64E-06	1.64E-06	7.37E-04	2.33E-07	6.77E-08	1.80E-02	5.68E-06	1.65E-06	8.54E-04	2.69E-07	7.84E-08	1.84E-02	5.81E-06	1.69E-06	3.85E-04	1.21E-07	3.53E-08
4410 486363.09, 3857877.25	5.83E-02	1.84E-05	5.35E-06	8.13E-04	2.57E-07	7.46E-08	5.85E-02	1.84E-05	5.37E-06	9.41E-04	2.97E-07	8.64E-08	6.11E-02	1.93E-05	5.61E-06	4.25E-04	1.34E-07	3.90E-08
4411 486863.09, 3857877.25	2.25E-02	7.11E-06	2.07E-06	8.36E-04	2.64E-07	7.67E-08	2.27E-02	7.16E-06	2.08E-06	9.67E-04	3.05E-07	8.88E-08	2.33E-02	7.34E-06	2.14E-06	4.37E-04	1.38E-07	4.01E-08
4412 487363.09, 3857877.25	1.63E-02	5.15E-06	1.50E-06	9.66E-04	3.05E-07	8.87E-08	1.65E-02	5.20E-06	1.51E-06	1.12E-03	3.53E-07	1.03E-07	1.66E-02	5.24E-06	1.52E-06	5.07E-04	1.60E-07	4.66E-08
4413 487863.09, 3857877.25	1.43E-02	4.52E-06	1.32E-06	1.02E-03	3.23E-07	9.41E-08	1.45E-02	4.58E-06	1.33E-06	1.18E-03	3.74E-07	1.09E-07	1.44E-02	4.56E-06	1.33E-06	5.42E-04	1.71E-07	4.98E-08
4414 488363.09, 3857877.25	2.90E-02	9.15E-06	2.66E-06	1.22E-03	3.85E-07	1.12E-07	2.91E-02	9.20E-06	2.68E-06	1.38E-03	4.35E-07	1.26E-07	2.90E-02	9.16E-06	2.66E-06	7.47E-04	2.36E-07	6.86E-08
4415 488863.09, 3857877.25	1.82E-02	5.74E-06	1.67E-06	1.09E-03	3.45E-07	1.00E-07	1.84E-02	5.80E-06	1.69E-06	1.25E-03	3.95E-07	1.15E-07	1.82E-02	5.74E-06	1.67E-06	6.18E-04	1.95E-07	5.67E-08
4416 489363.09, 3857877.25	1.31E-02	4.15E-06	1.21E-06	1.01E-03	3.18E-07	9.24E-08	1.33E-02	4.20E-06	1.22E-06	1.16E-03	3.65E-07	1.06E-07	1.31E-02	4.13E-06	1.20E-06	5.47E-04	1.73E-07	5.03E-08
4417 489863.09, 3857877.25	1.08E-02	3.41E-06	9.93E-07	9.27E-04	2.93E-07	8.51E-08	1.10E-02	3.46E-06	1.01E-06	1.07E-03	3.37E-07	9.81E-08	1.07E-02	3.39E-06	9.85E-07	4.98E-04	1.57E-07	4.57E-08
4418 490363.09, 3857877.25	9.47E-03	2.99E-06	8.69E-07	8.48E-04	2.68E-07	7.79E-08	9.61E-03	3.03E-06	8.83E-07	9.78E-04	3.09E-07	8.98E-08	9.40E-03	2.97E-06	8.63E-07	4.53E-04	1.43E-07	4.15E-08

4419 490863.09, 3857877.25	8.47E-03	2.67E-06	7.78E-07	7.78E-04	2.46E-07	7.14E-08	8.60E-03	2.71E-06	7.90E-07	8.98E-04	2.83E-07	8.24E-08	8.40E-03	2.65E-06	7.71E-07	4.14E-04	1.31E-07	3.80E-08
4420 491363.09, 3857877.25	7.25E-03	2.29E-06	6.66E-07	7.13E-04	2.25E-07	6.55E-08	7.37E-03	2.33E-06	6.77E-07	8.23E-04	2.60E-07	7.56E-08	7.17E-03	2.26E-06	6.58E-07	3.79E-04	1.20E-07	3.48E-08
4421 491863.09, 3857877.25	6.00E-03	1.89E-06	5.51E-07	6.38E-04	2.01E-07	5.86E-08	6.11E-03	1.93E-06	5.61E-07	7.37E-04	2.33E-07	6.76E-08	5.90E-03	1.86E-06	5.41E-07	3.39E-04	1.07E-07	3.11E-08
4422 492363.09, 3857877.25	4.35E-03	1.37E-06	3.99E-07	4.80E-04	1.51E-07	4.41E-08	4.43E-03	1.40E-06	4.06E-07	5.54E-04	1.75E-07	5.08E-08	4.25E-03	1.34E-06	3.91E-07	2.56E-04	8.07E-08	2.35E-08
4423 492863.09, 3857877.25	3.15E-03	9.95E-07	2.89E-07	3.21E-04	1.01E-07	2.95E-08	3.21E-03	1.01E-06	2.94E-07	3.71E-04	1.17E-07	3.40E-08	3.10E-03	9.79E-07	2.85E-07	1.72E-04	5.42E-08	1.58E-08
4424 493363.09, 3857877.25	2.67E-03	8.43E-07	2.45E-07	2.62E-04	8.26E-08	2.40E-08	2.71E-03	8.57E-07	2.49E-07	3.02E-04	9.52E-08	2.77E-08	2.63E-03	8.31E-07	2.42E-07	1.40E-04	4.42E-08	1.28E-08
4425 493863.09, 3857877.25	2.40E-03	7.57E-07	2.20E-07	2.31E-04	7.28E-08	2.12E-08	2.44E-03	7.69E-07	2.24E-07	2.66E-04	8.39E-08	2.44E-08	2.37E-03	7.47E-07	2.17E-07	1.23E-04	3.90E-08	1.13E-08
4426 494363.09, 3857877.25	2.19E-03	6.92E-07	2.01E-07	2.09E-04	6.59E-08	1.92E-08	2.23E-03	7.03E-07	2.04E-07	2.41E-04	7.60E-08	2.21E-08	2.17E-03	6.84E-07	1.99E-07	1.12E-04	3.53E-08	1.03E-08
4427 494863.09, 3857877.25	1.91E-03	6.04E-07	1.76E-07	1.76E-04	5.56E-08	1.62E-08	1.94E-03	6.14E-07	1.78E-07	2.03E-04	6.41E-08	1.86E-08	1.90E-03	5.98E-07	1.74E-07	9.44E-05	2.98E-08	8.67E-09
4428 495363.09, 3857877.25	1.79E-03	5.64E-07	1.64E-07	1.64E-04	5.18E-08	1.51E-08	1.82E-03	5.73E-07	1.67E-07	1.89E-04	5.97E-08	1.74E-08	1.77E-03	5.59E-07	1.63E-07	8.80E-05	2.78E-08	8.08E-09
4429 495863.09, 3857877.25	1.68E-03	5.29E-07	1.54E-07	1.54E-04	4.86E-08	1.41E-08	1.70E-03	5.37E-07	1.56E-07	1.78E-04	5.60E-08	1.63E-08	1.66E-03	5.24E-07	1.52E-07	8.26E-05	2.61E-08	7.58E-09
4430 496363.09, 3857877.25	1.64E-03	5.19E-07	1.51E-07	1.54E-04	4.87E-08	1.42E-08	1.67E-03	5.27E-07	1.53E-07	1.78E-04	5.62E-08	1.63E-08	1.63E-03	5.14E-07	1.49E-07	8.27E-05	2.61E-08	7.59E-09
4431 496863.09, 3857877.25	1.61E-03	5.09E-07	1.48E-07	1.53E-04	4.84E-08	1.41E-08	1.64E-03	5.17E-07	1.50E-07	1.77E-04	5.58E-08	1.62E-08	1.59E-03	5.03E-07	1.46E-07	8.21E-05	2.59E-08	7.54E-09
4432 497363.09, 3857877.25	1.56E-03	4.94E-07	1.44E-07	1.50E-04	4.74E-08	1.38E-08	1.59E-03	5.02E-07	1.46E-07	1.73E-04	5.47E-08	1.59E-08	1.55E-03	4.88E-07	1.42E-07	8.03E-05	2.54E-08	7.37E-09
4433 497863.09, 3857877.25	1.70E-03	5.35E-07	1.56E-07	1.71E-04	5.39E-08	1.57E-08	1.72E-03	5.44E-07	1.58E-07	1.97E-04	6.22E-08	1.81E-08	1.67E-03	5.27E-07	1.53E-07	9.10E-05	2.87E-08	8.36E-09
4434 498363.09, 3857877.25	1.84E-03	5.80E-07	1.69E-07	1.92E-04	6.05E-08	1.76E-08	1.87E-03	5.90E-07	1.72E-07	2.21E-04	6.98E-08	2.03E-08	1.81E-03	5.70E-07	1.66E-07	1.02E-04	3.22E-08	9.35E-09
4435 471363.09, 3858377.25	2.85E-04	8.98E-08	2.61E-08	3.54E-05	1.12E-08	3.25E-09	2.91E-04	9.17E-08	2.67E-08	4.09E-05	1.29E-08	3.76E-09	2.77E-04	8.75E-08	2.55E-08	1.87E-05	5.89E-09	1.71E-09
4436 471863.09, 3858377.25	2.92E-04	9.22E-08	2.68E-08	3.69E-05	1.16E-08	3.39E-09	2.98E-04	9.42E-08	2.74E-08	4.27E-05	1.35E-08	3.92E-09	2.84E-04	8.97E-08	2.61E-08	1.95E-05	6.14E-09	1.79E-09
4437 472363.09, 3858377.25	3.01E-04	9.49E-08	2.76E-08	3.86E-05	1.22E-08	3.55E-09	3.07E-04	9.70E-08	2.82E-08	4.46E-05	1.41E-08	4.10E-09	2.92E-04	9.23E-08	2.68E-08	2.04E-05	6.42E-09	1.87E-09
4438 472863.09, 3858377.25	3.21E-04	1.01E-07	2.95E-08	4.12E-05	1.30E-08	3.78E-09	3.28E-04	1.04E-07	3.02E-08	4.76E-05	1.50E-08	4.37E-09	3.13E-04	9.86E-08	2.87E-08	2.17E-05	6.85E-09	1.99E-09
4439 473363.09, 3858377.25	3.69E-04	1.17E-07	3.39E-08	4.53E-05	1.43E-08	4.16E-09	3.77E-04	1.19E-07	3.46E-08	5.24E-05	1.65E-08	4.81E-09	3.61E-04	1.14E-07	3.31E-08	2.38E-05	7.53E-09	2.19E-09
4440 473863.09, 3858377.25	3.63E-04	1.15E-07	3.34E-08	4.70E-05	1.48E-08	4.32E-09	3.71E-04	1.17E-07	3.41E-08	5.44E-05	1.72E-08	4.99E-09	3.53E-04	1.11E-07	3.24E-08	2.48E-05	7.81E-09	2.27E-09
4441 474363.09, 3858377.25	3.12E-04	9.83E-08	2.86E-08	4.45E-05	1.40E-08	4.08E-09	3.19E-04	1.01E-07	2.93E-08	5.14E-05	1.62E-08	4.72E-09	3.00E-04	9.46E-08	2.75E-08	2.34E-05	7.40E-09	2.15E-09
4442 474863.09, 3858377.25	2.55E-04	8.04E-08	2.34E-08	3.74E-05	1.18E-08	3.43E-09	2.61E-04	8.24E-08	2.40E-08	4.32E-05	1.36E-08	3.97E-09	2.44E-04	7.71E-08	2.24E-08	1.98E-05	6.24E-09	1.81E-09
4443 475363.09, 3858377.25	1.94E-04	6.13E-08	1.78E-08	2.51E-05	7.91E-09	2.30E-09	1.98E-04	6.26E-08	1.82E-08	2.89E-05	9.13E-09	2.66E-09	1.88E-04	5.94E-08	1.73E-08	1.33E-05	4.21E-09	1.22E-09
4444 475863.09, 3858377.25	1.65E-04	5.22E-08	1.52E-08	1.77E-05	5.58E-09	1.62E-09	1.68E-04	5.31E-08	1.54E-08	2.04E-05	6.43E-09	1.87E-09	1.62E-04	5.12E-08	1.49E-08	9.49E-06	2.99E-09	8.71E-10
4445 476363.09, 3858377.25	1.78E-04	5.63E-08	1.64E-08	1.94E-05	6.12E-09	1.78E-09	1.81E-04	5.73E-08	1.67E-08	2.24E-05	7.06E-09	2.05E-09	1.75E-04	5.51E-08	1.60E-08	1.04E-05	3.28E-09	9.55E-10
4446 476863.09, 3858377.25	1.93E-04	6.11E-08	1.78E-08	2.13E-05	6.72E-09	1.96E-09	1.97E-04	6.22E-08	1.81E-08	2.46E-05	7.75E-09	2.26E-09	1.89E-04	5.98E-08	1.74E-08	1.14E-05	3.60E-09	1.05E-09
4447 477363.09, 3858377.25	1.94E-04	6.12E-08	1.78E-08	2.03E-05	6.40E-09	1.86E-09	1.97E-04	6.23E-08	1.81E-08	2.34E-05	7.37E-09	2.14E-09	1.91E-04	6.01E-08	1.75E-08	1.09E-05	3.44E-09	1.00E-09
4448 477863.09, 3858377.25	2.37E-04	7.49E-08	2.18E-08	2.83E-05	8.93E-09	2.60E-09	2.42E-04	7.64E-08	2.22E-08	3.26E-05	1.03E-08	3.00E-09	2.31E-04	7.30E-08	2.12E-08	1.51E-05	4.76E-09	1.39E-09
4449 478363.09, 3858377.25	2.57E-04	8.11E-08	2.36E-08	3.13E-05	9.89E-09	2.88E-09	2.62E-04	8.27E-08	2.41E-08	3.62E-05	1.14E-08	3.32E-09	2.50E-04	7.89E-08	2.29E-08	1.67E-05	5.27E-09	1.53E-09
4450 478863.09, 3858377.25	2.13E-04	6.73E-08	1.96E-08	2.06E-05	6.49E-09	1.89E-09	2.16E-04	6.83E-08	1.99E-08	2.37E-05	7.48E-09	2.17E-09	2.10E-04	6.64E-08	1.93E-08	1.11E-05	3.50E-09	1.02E-09
4451 479363.09, 3858377.25	4.72E-04	1.49E-07	4.33E-08	7.80E-05	2.46E-08	7.16E-09	4.85E-04	1.53E-07	4.45E-08	9.02E-05	2.85E-08	8.28E-09	4.47E-04	1.41E-07	4.10E-08	4.11E-05	1.30E-08	3.78E-09
4452 479863.09, 3858377.25	8.98E-04	2.83E-07	8.24E-08	1.39E-04	4.38E-08	1.27E-08	9.21E-04	2.91E-07	8.46E-08	1.60E-04	5.06E-08	1.47E-08	8.59E-04	2.71E-07	7.89E-08	7.27E-05	2.29E-08	6.67E-09
4453 480363.09, 3858377.25	1.19E-03	3.74E-07	1.09E-07	1.61E-04	5.07E-08	1.47E-08	1.21E-03	3.83E-07	1.11E-07	1.86E-04	5.86E-08	1.71E-08	1.15E-03	3.63E-07	1.06E-07	8.40E-05	2.65E-08	7.72E-09
4454 480863.09, 3858377.25	1.32E-03	4.17E-07	1.21E-07	1.79E-04	5.65E-08	1.64E-08	1.35E-03	4.27E-07	1.24E-07	2.07E-04	6.54E-08	1.90E-08	1.28E-03	4.05E-07	1.18E-07	9.37E-05	2.96E-08	8.60E-09
4455 481363.09, 3858377.25	1.54E-03	4.85E-07	1.41E-07	2.01E-04	6.34E-08	1.84E-08	1.57E-03	4.96E-07	1.44E-07	2.32E-04	7.34E-08	2.13E-08	1.50E-03	4.72E-07	1.37E-07	1.05E-04	3.32E-08	9.65E-09
4456 481863.09, 3858377.25	1.71E-03	5.38E-07	1.57E-07	2.27E-04	7.17E-08	2.09E-08	1.75E-03	5.51E-07	1.60E-07	2.63E-04	8.30E-08	2.41E-08	1.66E-03	5.23E-07	1.52E-07	1.19E-04	3.75E-08	1.09E-08
4457 482363.09, 3858377.25	2.07E-03	6.53E-07	1.90E-07	2.61E-04	8.25E-08	2.40E-08	2.11E-03	6.67E-07	1.94E-07	3.03E-04	9.55E-08	2.78E-08	2.02E-03	6.37E-07	1.85E-07	1.37E-04	4.31E-08	1.25E-08
4458 482863.09, 3858377.25	3.00E-03	9.48E-07	2.76E-07	2.98E-04	9.39E-08	2.73E-08	3.06E-03	9.65E-07	2.81E-07	3.44E-04	1.09E-07	3.16E-08	2.99E-03	9.42E-07	2.74E-07	1.55E-04	4.91E-08	1.43E-08
4459 483363.09, 3858377.25	4.01E-03	1.27E-06	3.68E-07	3.19E-04	1.01E-07	2.92E-08	4.06E-03	1.28E-06	3.73E-07	3.69E-04	1.16E-07	3.39E-08	4.03E-03	1.27E-06	3.70E-07	1.66E-04	5.25E-08	1.53E-08
4460 483863.09, 3858377.25	4.68E-03	1.48E-06	4.30E-07	3.47E-04	1.10E-07	3.19E-08	4.74E-03	1.50E-06	4.35E-07	4.02E-04	1.27E-07	3.69E-08	4.72E-03	1.49E-06	4.34E-07	1.81E-04	5.72E-08	1.67E-08
4461 484363.09, 3858377.25	5.45E-03	1.72E-06	5.00E-07	3.86E-04	1.22E-07	3.55E-08	5.51E-03	1.74E-06	5.06E-07	4.47E-04	1.41E-07	4.10E-08	5.51E-03	1.74E-06	5.06E-07	2.02E-04	6.37E-08	1.85E-08
4462 484863.09, 3858377.25	6.56E-03	2.07E-06	6.02E-07	4.19E-04	1.32E-07	3.84E-08	6.63E-03	2.09E-06	6.09E-07	4.84E-04	1.53E-07	4.45E-08	6.67E-03	2.10E-06	6.12E-07	2.19E-04	6.90E-08	2.01E-08
4463 485363.09, 3858377.25	8.41E-03	2.65E-06	7.72E-07	4.49E-04	1.42E-07	4.13E-08	8.49E-03	2.68E-06	7.79E-07	5.20E-04	1.64E-07	4.78E-08	8.60E-03	2.71E-06	7.89E-07	2.35E-04	7.41E-08	2.16E-08
4464 485863.09, 3858377.25	1.28E-02	4.04E-06	1.18E-06	4.84E-04	1.53E-07	4.44E-08	1.29E-02	4.07E-06	1.18E-06	5.60E-04	1.77E-07	5.14E-08	1.32E-02	4.17E-06	1.21E-06	2.53E-04	7.99E-08	2.32E-08
4465 486363.09, 3858377.25	5.93E-02	1.87E-05	5.44E-06	4.89E-04	1.54E-07	4.48E-08	5.94E-02	1.87E-05	5.45E-06	5.65E-04	1.78E-07	5.19E-08	6.23E-02	1.97E-05	5.72E-06	2.57E-04	8.11E-08	2.36E-08
4466 486863.09, 3858377.25	7.80E-02	2.46E-05	7.16E-06	4.86E-04	1.53E-07	4.46E-08	7.81E-02	2.46E-05	7.17E-06	5.61E-04	1.77E-07	5.15E-08	8.20E-02	2.59E-05	7.53E-06	2.57E-04	8.11E-08	2.36E-08
4467 487363.09, 3858377.25	3.67E-02	1.16E-05	3.37E-06	5.13E-04	1.62E-07	4.71E-08	3.68E-02	1.16E-05	3.38E-06	5.92E-04	1.87E-07	5.44E-08	3.85E-02	1.21E-05	3.53E-06	2.72E-04	8.59E-08	2.50E-08
4468 487863.09, 3858377.25	2.41E-02	7.60E-06	2.21E-06	5.64E-04	1.78E-07	5.18E-08	2.42E-02	7.63E-06	2.22E-06	6.51E-04	2.05E-07	5.97E-08	2.50E-02	7.90E-06	2.30E-06	3.00E-04	9.48E-08	2.76E-08
4469 488363.09, 3858377.25	1.83E-02	5.77E-06	1.68E-06	5.87E-04	1.85E-07	5.39E-08	1.84E-02	5.80E-06	1.69E-06	6.78E-04	2.14E-07	6.23E-08	1.89E-02	5.96E-06	1.73E-06	3.12E-04	9.85E-08	2.87E-08
4470 488863.09, 3858377.25	1.57E-02	4.94E-06	1.44E-06	5.72E-04	1.80E-07	5.25E-08	1.57E-02	4.97E-06	1.45E-06	6.59E-04	2.08E-07	6.05E-08	1.61E-02	5.08E-06	1.48E-06	3.08E-04	9.71E-08	2.82E-08
4471 489363.09, 3858377.25	1.37E-02	4.32E-06	1.26E-06	5.99E-04	1.89E-07	5.50E-08	1.38E-02	4.35E-06	1.27E-06	6.91E-04	2.18E-07	6.34E-08	1.40E-02	4.43E-06	1.29E-06	3.21E-04	1.01E-07	2.94E-08
4472 489863.09, 3858377.25	1.22E-02	3.84E-06	1.12E-06	6.13E-04	1.93E-07	5.63E-08	1.23E-02	3.88E-06	1.13E-06	7.08E-04	2.23E-07	6.50E-08	1.24E-02	3.92E-06	1.14E-06	3.27E-04	1.03E-07	3.00E-08
4473 490363.09, 3858377.25	1.08E-02	3.42E-06	9.96E-07	5.98E-04	1.89E-07	5.49E-08	1.09E-02	3.46E-06	1.00E-06	6.90E-04	2.18E-07	6.34E-08	1.10E-02	3.48E-06	1.01E-06	3.18E-04	1.00E-07	2.92E-08
4474 490863.09, 3858377.25	9.62E-03	3.04E-06	8.84E-07	5.68E-04	1.79E-07	5.22E-08	9.72E-03	3.07E-06	8.92E-07	6.56E-04	2.07E-07	6.02E-08	9.77E-03	3.08E-06	8.97E-07	3.02E-04	9.52E-08	2.77E-08
4475 491363.09, 3858377.25	7.96E-03	2.51E-06	7.30E-07	5.36E-04	1.69E-07	4.92E-08	8.05E-03	2.54E-06	7.39E-07	6.19E-04	1.95E-07	5.68E-08	8.03E-03	2.54E-06	7.38E-07	2.84E-04	8.98E-08	2.61E-08
4476 491863.09, 3858377.25	5.84E-03	1.84E-06	5.36E-07	4.63E-04	1.46E-07	4.25E-08	5.91E-03	1.87E-06	5.43E-07	5.35E-04	1.69E-07	4.91E-08	5.84E-03	1.84E-06	5.36E-07	2.47E-04	7.79E-08	2.27E-08
4477 492363.09, 3858377.25	3.95E-03	1.25E-06	3.62E-07	3.12E-04	9.84E-08	2.86E-08	4.00E-03	1.26E-06	3.67E-07	3.60E-04	1.14E-07	3.30E-08	3.95E-03	1.25E-06	3.62E-07	1.67E-04	5.26E-08	1.53E-08
4478 492863.09, 3858377.25	4.00E-03	1.26E-06	3.67E-07	3.36E-04	1.06E-07	3.09E-08	4.06E-03	1.28E-06	3.72E-07	3.88E-04	1.22E-07	3.56E-08	3.99E-03	1.26E-06	3.66E-07	1.79E-04	5.66E-08	1.65E-08
4479 493363.09, 3858377.25	3.37E-03	1.06E-06	3.09E-07	2.83E-04	8.95E-08	2.60E-08	3.42E-03	1.08E-06	3.14E-07	3.27E-04	1.03E-07	3.00E-08	3.36E-03	1.06E-06	3.08E-07	1.51E-04	4.77E-08	1.39E-08
4480 493863.09, 3858377.25	3.01E-03	9.50E-07	2.76E-07	2.57E-04	8.12E-08	2.36E-08	3.05E-03	9.64E-07	2.80E-07	2.97E-04	9.37E-08	2.72E-08	3.00E-03	9.47E-07	2.75E-07	1.37E-04	4.33E-08	1.26E-08
4481 494363.09, 3858377.25	2.65E-03	8.36E-07	2.43E-07	2.27E-04	7.17E-08	2.09E-08	2.69E-03	8.48E-07	2.47E-07	2.62E-04	8.27E-08	2.41E-08	2.64E-03	8.33E-07	2.42E-07	1.21E-04	3.82E-08	1.11E-08
4482 494863.09, 3858377.25	2.36E-03	7.46E-07	2.17E-07	2.03E-04	6.41E-08	1.86E-08	2.40E-03	7.57E-07	2.20E-07	2.34E-04	7.39E-08	2.15E-08	2.36E-03	7.43E-07	2.16E-07	1.08E-04	3.42E-08	9.94E-09
4483 495363.09, 3858377.25	2.08E-03	6.56E-07	1.91E-07	1.77E-04	5.59E-08	1.62E-08	2.11E-03	6.65E-07	1.93E-07	2.04E-04	6.44E-08	1.87E-08	2.07E-03	6.53E-07	1.90E-07	9.45E-05	2.98E-08	8.67E-09
4484 495863.09, 3858377.25	1.98E-03	6.24E-07	1.81E-07	1.72E-04	5.43E-08	1.58E-08	2.00E-03	6.33E-07	1.84E-07	1.99E-04	6.27E-08	1.82E-08	1.97E-03	6.21E-07	1.80E-07	9.18E-05	2.90E-08	8.43E-09

4485	496363.09, 3858377.25	1.87E-03	5.90E-07	1.72E-07	1.66E-04	5.23E-08	1.52E-08	1.90E-03	5.99E-07	1.74E-07	1.91E-04	6.03E-08	1.76E-08	1.86E-03	5.87E-07	1.71E-07	8.84E-05	2.79E-08	8.11E-09
4486	496863.09, 3858377.25	1.88E-03	5.92E-07	1.72E-07	1.73E-04	5.45E-08	1.58E-08	1.91E-03	6.01E-07	1.75E-07	1.99E-04	6.29E-08	1.83E-08	1.86E-03	5.88E-07	1.71E-07	9.19E-05	2.90E-08	8.44E-09
4487	497363.09, 3858377.25	1.83E-03	5.78E-07	1.68E-07	1.72E-04	5.44E-08	1.58E-08	1.86E-03	5.88E-07	1.71E-07	1.99E-04	6.28E-08	1.83E-08	1.82E-03	5.73E-07	1.67E-07	9.18E-05	2.90E-08	8.42E-09
4488	497863.09, 3858377.25	1.93E-03	6.10E-07	1.77E-07	1.88E-04	5.94E-08	1.73E-08	1.96E-03	6.20E-07	1.80E-07	2.17E-04	6.86E-08	1.99E-08	1.91E-03	6.03E-07	1.75E-07	9.99E-05	3.15E-08	9.17E-09
4489	498363.09, 3858377.25	2.10E-03	6.64E-07	1.93E-07	2.07E-04	6.54E-08	1.90E-08	2.14E-03	6.75E-07	1.96E-07	2.39E-04	7.56E-08	2.20E-08	2.08E-03	6.57E-07	1.91E-07	1.10E-04	3.47E-08	1.01E-08
4490	471363.09, 3858877.25	2.87E-04	9.07E-08	2.64E-08	3.47E-05	1.09E-08	3.18E-09	2.93E-04	9.25E-08	2.69E-08	4.00E-05	1.26E-08	3.68E-09	2.81E-04	8.85E-08	2.58E-08	1.83E-05	5.77E-09	1.68E-09
4491	471863.09, 3858877.25	2.93E-04	9.25E-08	2.69E-08	3.61E-05	1.14E-08	3.32E-09	2.99E-04	9.44E-08	2.75E-08	4.17E-05	1.32E-08	3.83E-09	2.86E-04	9.01E-08	2.62E-08	1.91E-05	6.02E-09	1.75E-09
4492	472363.09, 3858877.25	3.17E-04	1.00E-07	2.91E-08	3.87E-05	1.22E-08	3.55E-09	3.24E-04	1.02E-07	2.97E-08	4.47E-05	1.41E-08	4.11E-09	3.09E-04	9.76E-08	2.84E-08	2.04E-05	6.45E-09	1.88E-09
4493	472863.09, 3858877.25	3.38E-04	1.07E-07	3.11E-08	4.14E-05	1.31E-08	3.80E-09	3.45E-04	1.09E-07	3.17E-08	4.79E-05	1.51E-08	4.39E-09	3.30E-04	1.04E-07	3.03E-08	2.18E-05	6.90E-09	2.01E-09
4494	473363.09, 3858877.25	3.79E-04	1.20E-07	3.48E-08	4.52E-05	1.43E-08	4.15E-09	3.86E-04	1.22E-07	3.55E-08	5.23E-05	1.65E-08	4.80E-09	3.70E-04	1.17E-07	3.40E-08	2.38E-05	7.52E-09	2.19E-09
4495	473863.09, 3858877.25	3.78E-04	1.19E-07	3.47E-08	4.77E-05	1.51E-08	4.38E-09	3.86E-04	1.22E-07	3.54E-08	5.51E-05	1.74E-08	5.06E-09	3.68E-04	1.16E-07	3.38E-08	2.51E-05	7.93E-09	2.31E-09
4496	474363.09, 3858877.25	3.37E-04	1.06E-07	3.10E-08	4.70E-05	1.48E-08	4.32E-09	3.45E-04	1.09E-07	3.17E-08	5.44E-05	1.72E-08	4.99E-09	3.25E-04	1.03E-07	2.98E-08	2.48E-05	7.84E-09	2.28E-09
4497	474863.09, 3858877.25	1.84E-04	5.81E-08	1.69E-08	2.41E-05	7.60E-09	2.21E-09	1.88E-04	5.94E-08	1.73E-08	2.78E-05	8.77E-09	2.55E-09	1.78E-04	5.62E-08	1.63E-08	1.28E-05	4.04E-09	1.18E-09
4498	475363.09, 3858877.25	1.56E-04	4.94E-08	1.44E-08	1.74E-05	5.48E-09	1.59E-09	1.59E-04	5.03E-08	1.46E-08	2.00E-05	6.32E-09	1.84E-09	1.53E-04	4.83E-08	1.40E-08	9.32E-06	2.94E-09	8.55E-10
4499	475863.09, 3858877.25	1.73E-04	5.47E-08	1.59E-08	2.01E-05	6.35E-09	1.85E-09	1.77E-04	5.58E-08	1.62E-08	2.32E-05	7.33E-09	2.13E-09	1.69E-04	5.34E-08	1.55E-08	1.08E-05	3.40E-09	9.88E-10
4500	476363.09, 3858877.25	1.37E-04	4.31E-08	1.25E-08	1.23E-05	3.87E-09	1.13E-09	1.39E-04	4.38E-08	1.27E-08	1.41E-05	4.46E-09	1.30E-09	1.35E-04	4.27E-08	1.24E-08	6.67E-06	2.11E-09	6.13E-10
4501	476863.09, 3858877.25	1.59E-04	5.03E-08	1.46E-08	1.56E-05	4.93E-09	1.44E-09	1.62E-04	5.11E-08	1.49E-08	1.80E-05	5.68E-09	1.65E-09	1.57E-04	4.96E-08	1.44E-08	8.45E-06	2.67E-09	7.75E-10
4502	477363.09, 3858877.25	1.67E-04	5.27E-08	1.53E-08	1.66E-05	5.23E-09	1.52E-09	1.70E-04	5.36E-08	1.56E-08	1.91E-05	6.03E-09	1.75E-09	1.65E-04	5.20E-08	1.51E-08	8.95E-06	2.82E-09	8.21E-10
4503	477863.09, 3858877.25	1.96E-04	6.20E-08	1.80E-08	2.17E-05	6.85E-09	1.99E-09	2.00E-04	6.31E-08	1.84E-08	2.50E-05	7.90E-09	2.30E-09	1.92E-04	6.07E-08	1.76E-08	1.16E-05	3.67E-09	1.07E-09
4504	478363.09, 3858877.25	3.35E-04	1.06E-07	3.08E-08	5.07E-05	1.60E-08	4.66E-09	3.44E-04	1.09E-07	3.16E-08	5.86E-05	1.85E-08	5.38E-09	3.20E-04	1.01E-07	2.94E-08	2.68E-05	8.47E-09	2.46E-09
4505	478863.09, 3858877.25	3.03E-04	9.55E-08	2.78E-08	4.19E-05	1.32E-08	3.85E-09	3.10E-04	9.78E-08	2.84E-08	4.84E-05	1.53E-08	4.44E-09	2.91E-04	9.20E-08	2.68E-08	2.22E-05	7.02E-09	2.04E-09
4506	479363.09, 3858877.25	2.66E-04	8.39E-08	2.44E-08	3.30E-05	1.04E-08	3.03E-09	2.71E-04	8.56E-08	2.49E-08	3.81E-05	1.20E-08	3.50E-09	2.58E-04	8.15E-08	2.37E-08	1.76E-05	5.55E-09	1.61E-09
4507	479863.09, 3858877.25	9.71E-04	3.06E-07	8.91E-08	1.34E-04	4.23E-08	1.23E-08	9.93E-04	3.14E-07	9.12E-08	1.55E-04	4.90E-08	1.42E-08	9.39E-04	2.96E-07	8.62E-08	7.03E-05	2.22E-08	6.46E-09
4508	480363.09, 3858877.25	1.19E-03	3.75E-07	1.09E-07	1.50E-04	4.72E-08	1.37E-08	1.21E-03	3.83E-07	1.12E-07	1.73E-04	5.46E-08	1.59E-08	1.16E-03	3.66E-07	1.07E-07	7.83E-05	2.47E-08	7.19E-09
4509	480863.09, 3858877.25	1.39E-03	4.37E-07	1.27E-07	1.64E-04	5.18E-08	1.51E-08	1.41E-03	4.46E-07	1.30E-07	1.90E-04	6.00E-08	1.74E-08	1.36E-03	4.29E-07	1.25E-07	8.59E-05	2.71E-08	7.89E-09
4510	481363.09, 3858877.25	1.55E-03	4.90E-07	1.43E-07	1.81E-04	5.71E-08	1.66E-08	1.58E-03	5.00E-07	1.45E-07	2.09E-04	6.61E-08	1.92E-08	1.52E-03	4.81E-07	1.40E-07	9.47E-05	2.99E-08	8.69E-09
4511	481863.09, 3858877.25	1.76E-03	5.57E-07	1.62E-07	2.01E-04	6.35E-08	1.85E-08	1.80E-03	5.67E-07	1.65E-07	2.33E-04	7.35E-08	2.14E-08	1.73E-03	5.48E-07	1.59E-07	1.05E-04	3.32E-08	9.66E-09
4512	482363.09, 3858877.25	1.92E-03	6.07E-07	1.77E-07	2.24E-04	7.07E-08	2.06E-08	1.96E-03	6.20E-07	1.80E-07	2.59E-04	8.18E-08	2.38E-08	1.89E-03	5.97E-07	1.74E-07	1.17E-04	3.69E-08	1.07E-08
4513	482863.09, 3858877.25	2.25E-03	7.11E-07	2.07E-07	2.51E-04	7.93E-08	2.31E-08	2.30E-03	7.25E-07	2.11E-07	2.91E-04	9.17E-08	2.67E-08	2.22E-03	7.01E-07	2.04E-07	1.31E-04	4.14E-08	1.20E-08
4514	483363.09, 3858877.25	3.33E-03	1.05E-06	3.06E-07	2.57E-04	8.11E-08	2.36E-08	3.37E-03	1.06E-06	3.10E-07	2.97E-04	9.39E-08	2.73E-08	3.35E-03	1.06E-06	3.08E-07	1.34E-04	4.24E-08	1.23E-08
4515	483863.09, 3858877.25	3.83E-03	1.21E-06	3.52E-07	2.73E-04	8.62E-08	2.51E-08	3.88E-03	1.22E-06	3.56E-07	3.16E-04	9.98E-08	2.90E-08	3.88E-03	1.22E-06	3.56E-07	1.43E-04	4.51E-08	1.31E-08
4516	484363.09, 3858877.25	4.50E-03	1.42E-06	4.13E-07	2.98E-04	9.40E-08	2.73E-08	4.55E-03	1.44E-06	4.18E-07	3.45E-04	1.09E-07	3.16E-08	4.57E-03	1.44E-06	4.19E-07	1.56E-04	4.92E-08	1.43E-08
4517	484863.09, 3858877.25	5.48E-03	1.73E-06	5.03E-07	3.20E-04	1.01E-07	2.94E-08	5.53E-03	1.75E-06	5.08E-07	3.70E-04	1.17E-07	3.40E-08	5.58E-03	1.76E-06	5.12E-07	1.67E-04	5.28E-08	1.54E-08
4518	485363.09, 3858877.25	7.19E-03	2.27E-06	6.60E-07	3.34E-04	1.05E-07	3.06E-08	7.24E-03	2.29E-06	6.65E-07	3.86E-04	1.22E-07	3.54E-08	7.38E-03	2.33E-06	6.77E-07	1.75E-04	5.52E-08	1.60E-08
4519	485863.09, 3858877.25	1.13E-02	3.55E-06	1.03E-06	3.44E-04	1.09E-07	3.16E-08	1.13E-02	3.57E-06	1.04E-06	3.98E-04	1.26E-07	3.65E-08	1.17E-02	3.68E-06	1.07E-06	1.80E-04	5.69E-08	1.66E-08
4520	486363.09, 3858877.25	5.54E-02	1.75E-05	5.08E-06	3.37E-04	1.06E-07	3.09E-08	5.54E-02	1.75E-05	5.09E-06	3.90E-04	1.23E-07	3.58E-08	5.82E-02	1.84E-05	5.35E-06	1.77E-04	5.60E-08	1.63E-08
4521	486863.09, 3858877.25	8.03E-02	2.53E-05	7.37E-06	3.35E-04	1.06E-07	3.07E-08	8.04E-02	2.54E-05	7.38E-06	3.86E-04	1.22E-07	3.55E-08	8.46E-02	2.67E-05	7.76E-06	1.78E-04	5.62E-08	1.63E-08
4522	487363.09, 3858877.25	8.22E-02	2.59E-05	7.54E-06	3.69E-04	1.16E-07	3.39E-08	8.22E-02	2.60E-05	7.55E-06	4.24E-04	1.34E-07	3.89E-08	8.65E-02	2.73E-05	7.94E-06	2.02E-04	6.39E-08	1.86E-08
4523	487863.09, 3858877.25	4.02E-02	1.27E-05	3.69E-06	3.74E-04	1.18E-07	3.43E-08	4.02E-02	1.27E-05	3.69E-06	4.31E-04	1.36E-07	3.95E-08	4.22E-02	1.33E-05	3.87E-06	2.01E-04	6.34E-08	1.84E-08
4524	488363.09, 3858877.25	6.80E-02	2.15E-05	6.24E-06	3.91E-04	1.24E-07	3.59E-08	6.80E-02	2.15E-05	6.25E-06	4.52E-04	1.43E-07	4.15E-08	7.15E-02	2.26E-05	6.56E-06	2.09E-04	6.59E-08	1.92E-08
4525	488863.09, 3858877.25	3.27E-02	1.03E-05	3.00E-06	4.08E-04	1.29E-07	3.75E-08	3.28E-02	1.03E-05	3.01E-06	4.71E-04	1.49E-07	4.33E-08	3.43E-02	1.08E-05	3.15E-06	2.17E-04	6.85E-08	1.99E-08
4526	489363.09, 3858877.25	2.22E-02	7.02E-06	2.04E-06	3.86E-04	1.22E-07	3.54E-08	2.23E-02	7.04E-06	2.05E-06	4.46E-04	1.41E-07	4.09E-08	2.32E-02	7.33E-06	2.13E-06	2.06E-04	6.49E-08	1.89E-08
4527	489863.09, 3858877.25	1.71E-02	5.39E-06	1.57E-06	3.88E-04	1.23E-07	3.57E-08	1.71E-02	5.41E-06	1.57E-06	4.48E-04	1.41E-07	4.12E-08	1.78E-02	5.60E-06	1.63E-06	2.07E-04	6.53E-08	1.90E-08
4528	490363.09, 3858877.25	1.34E-02	4.23E-06	1.23E-06	4.13E-04	1.30E-07	3.79E-08	1.35E-02	4.25E-06	1.24E-06	4.77E-04	1.51E-07	4.38E-08	1.39E-02	4.38E-06	1.27E-06	2.19E-04	6.92E-08	2.01E-08
4529	490863.09, 3858877.25	1.00E-02	3.17E-06	9.21E-07	4.24E-04	1.34E-07	3.90E-08	1.01E-02	3.19E-06	9.28E-07	4.90E-04	1.55E-07	4.50E-08	1.03E-02	3.26E-06	9.47E-07	2.25E-04	7.10E-08	2.07E-08
4530	491363.09, 3858877.25	7.14E-03	2.25E-06	6.56E-07	3.96E-04	1.25E-07	3.64E-08	7.21E-03	2.28E-06	6.62E-07	4.57E-04	1.44E-07	4.20E-08	7.27E-03	2.30E-06	6.68E-07	2.10E-04	6.64E-08	1.93E-08
4531	491863.09, 3858877.25	5.10E-03	1.61E-06	4.68E-07	3.10E-04	9.80E-08	2.85E-08	5.15E-03	1.63E-06	4.73E-07	3.58E-04	1.13E-07	3.29E-08	5.17E-03	1.63E-06	4.74E-07	1.66E-04	5.23E-08	1.52E-08
4532	492363.09, 3858877.25	5.27E-03	1.66E-06	4.84E-07	3.35E-04	1.06E-07	3.07E-08	5.33E-03	1.68E-06	4.89E-07	3.86E-04	1.22E-07	3.55E-08	5.33E-03	1.68E-06	4.90E-07	1.78E-04	5.62E-08	1.64E-08
4533	492863.09, 3858877.25	5.46E-03	1.72E-06	5.01E-07	3.43E-04	1.08E-07	3.15E-08	5.52E-03	1.74E-06	5.07E-07	3.96E-04	1.25E-07	3.63E-08	5.53E-03	1.75E-06	5.08E-07	1.82E-04	5.74E-08	1.67E-08
4534	493363.09, 3858877.25	4.71E-03	1.49E-06	4.32E-07	3.18E-04	1.00E-07	2.92E-08	4.76E-03	1.50E-06	4.37E-07	3.67E-04	1.16E-07	3.37E-08	4.75E-03	1.50E-06	4.36E-07	1.69E-04	5.33E-08	1.55E-08
4535	493863.09, 3858877.25	3.76E-03	1.19E-06	3.45E-07	2.70E-04	8.51E-08	2.48E-08	3.80E-03	1.20E-06	3.49E-07	3.11E-04	9.83E-08	2.86E-08	3.78E-03	1.19E-06	3.47E-07	1.44E-04	4.53E-08	1.32E-08
4536	494363.09, 3858877.25	3.37E-03	1.06E-06	3.09E-07	2.50E-04	7.90E-08	2.30E-08	3.41E-03	1.08E-06	3.13E-07	2.89E-04	9.12E-08	2.65E-08	3.38E-03	1.07E-06	3.11E-07	1.33E-04	4.21E-08	1.22E-08
4537	494863.09, 3858877.25	2.94E-03	9.27E-07	2.70E-07	2.25E-04	7.10E-08	2.07E-08	2.97E-03	9.39E-07	2.73E-07	2.60E-04	8.19E-08	2.38E-08	2.95E-03	9.30E-07	2.70E-07	1.20E-04	3.78E-08	1.10E-08
4538	495363.09, 3858877.25	2.58E-03	8.13E-07	2.37E-07	2.02E-04	6.38E-08	1.86E-08	2.61E-03	8.24E-07	2.40E-07	2.33E-04	7.36E-08	2.14E-08	2.58E-03	8.15E-07	2.37E-07	1.07E-04	3.39E-08	9.87E-09
4539	495863.09, 3858877.25	2.37E-03	7.49E-07	2.18E-07	1.91E-04	6.03E-08	1.75E-08	2.40E-03	7.59E-07	2.21E-07	2.20E-04	6.96E-08	2.02E-08	2.37E-03	7.49E-07	2.18E-07	1.02E-04	3.21E-08	9.32E-09
4540	496363.09, 3858877.25	2.26E-03	7.14E-07	2.08E-07	1.88E-04	5.92E-08	1.72E-08	2.29E-03	7.24E-07	2.11E-07	2.17E-04	6.84E-08	1.99E-08	2.26E-03	7.14E-07	2.08E-07	9.98E-05	3.15E-08	9.16E-09
4541	496863.09, 3858877.25	2.17E-03	6.84E-07	1.99E-07	1.85E-04	5.83E-08	1.70E-08	2.20E-03	6.94E-07	2.02E-07	2.13E-04	6.73E-08	1.96E-08	2.16E-03	6.83E-07	1.99E-07	9.81E-05	3.10E-08	9.01E-09
4542	497363.09, 3858877.25	2.07E-03	6.55E-07	1.90E-07	1.81E-04	5.71E-08	1.66E-08	2.11E-03	6.64E-07	1.93E-07	2.09E-04	6.60E-08	1.92E-08	2.07E-03	6.52E-07	1.90E-07	9.61E-05	3.03E-08	8.82E-09
4543	497863.09, 3858877.25	2.23E-03	7.04E-07	2.05E-07	1.99E-04	6.27E-08	1.82E-08	2.26E-03	7.14E-07	2.08E-07	2.29E-04	7.24E-08	2.11E-08	2.22E-03	7.00E-07	2.04E-07	1.05E-04	3.33E-08	9.68E-09
4544	498363.09, 3858877.25	2.39E-03	7.53E-07	2.19E-07	2.10E-04	6.63E-08	1.93E-08	2.42E-03	7.64E-07	2.22E-07	2.43E-04	7.66E-08	2.23E-08	2.38E-03	7.50E-07	2.18E-07	1.11E-04	3.51E-08	1.02E-08
4545	471363.09, 3859377.25	2.89E-04	9.12E-08	2.65E-08	3.43E-05	1.08E-08	3.15E-09	2.95E-04	9.31E-08	2.71E-08	3.97E-05	1.25E-08	3.64E-09	2.82E-04	8.92E-08	2.59E-08	1.81E-05	5.73E-09	1.67E-09
4546	471863.09, 3859377.25	3.03E-04	9.57E-08	2.78E-08	3.66E-05	1.15E-08	3.36E-09	3.09E-04	9.76E-08	2.84E-08	4.22E-05	1.33E-08	3.88E-09	2.96E-04	9.34E-08	2.72E-08	1.93E-05	6.10E-09	1.77E-09
4547	472363.09, 3859377.25	3.29E-04	1.04E-07	3.02E-08	3.96E-05	1.25E-08	3.63E-09	3.36E-04	1.06E-07	3.08E-08	4.57E-05	1.44E-08	4.20E-09	3.22E-04	1.02E-07	2.95E-08	2.09E-05	6.60E-09	1.92E-09
4548	472863.09, 3859377.25	3.51E-04	1.11E-07	3.22E-08	4.26E-05	1.34E-08	3.91E-09	3.59E-04	1.13E-07	3.29E-08	4.92E-05	1.55E-08	4.52E-09	3.43E-04	1.08E-07	3.15E-08	2.25E-05	7.09E-09	2.06E-09
4549	473363.09, 3859377.25	3.81E-04	1.20E-07	3.50E-08	4.59E-05	1.45E-08	4.21E-09	3.89E-04	1.23E-07	3.57E-08	5.31E-05	1.67E-08	4.87E-09	3.72E-04	1.17E-07	3.42E-08	2.42E-05	7.63E-09	2.22E-09
4550	473863.09, 3859377.25	3.95E-04	1.25E-07	3.62E-08	4.88E-05	1.54E-08	4.48E-09	4.03E-04	1.27E-07	3.70E-08	5.64E-05	1.78E-08	5.18E-09	3.85E-04	1.21E-07	3.53E-08	2.57E-05	8.11E-09	2.36E-09

4551 474363.09, 3859377.25	3.46E-04	1.09E-07	3.18E-08	4.79E-05	1.51E-08	4.40E-09	3.54E-04	1.12E-07	3.25E-08	5.54E-05	1.75E-08	5.08E-09	3.33E-04	1.05E-07	3.06E-08	2.53E-05	7.99E-09	2.32E-09
4552 474863.09, 3859377.25	2.57E-04	8.11E-08	2.36E-08	3.80E-05	1.20E-08	3.49E-09	2.63E-04	8.31E-08	2.42E-08	4.39E-05	1.39E-08	4.03E-09	2.46E-04	7.76E-08	2.26E-08	2.01E-05	6.35E-09	1.85E-09
4553 475363.09, 3859377.25	1.85E-04	5.83E-08	1.69E-08	2.45E-05	7.72E-09	2.25E-09	1.89E-04	5.96E-08	1.73E-08	2.83E-05	8.92E-09	2.59E-09	1.78E-04	5.63E-08	1.64E-08	1.30E-05	4.11E-09	1.19E-09
4554 475863.09, 3859377.25	1.44E-04	4.55E-08	1.32E-08	1.52E-05	4.81E-09	1.40E-09	1.47E-04	4.63E-08	1.35E-08	1.76E-05	5.54E-09	1.61E-09	1.42E-04	4.47E-08	1.30E-08	8.20E-06	2.59E-09	7.53E-10
4555 476363.09, 3859377.25	1.38E-04	4.37E-08	1.27E-08	1.38E-05	4.35E-09	1.27E-09	1.41E-04	4.44E-08	1.29E-08	1.59E-05	5.01E-09	1.46E-09	1.36E-04	4.30E-08	1.25E-08	7.44E-06	2.35E-09	6.83E-10
4556 476863.09, 3859377.25	1.26E-04	3.99E-08	1.16E-08	1.11E-05	3.52E-09	1.02E-09	1.28E-04	4.05E-08	1.18E-08	1.28E-05	4.05E-09	1.18E-09	1.25E-04	3.95E-08	1.15E-08	6.08E-06	1.92E-09	5.58E-10
4557 477363.09, 3859377.25	1.36E-04	4.29E-08	1.25E-08	1.24E-05	3.91E-09	1.14E-09	1.38E-04	4.36E-08	1.27E-08	1.43E-05	4.50E-09	1.31E-09	1.35E-04	4.25E-08	1.24E-08	6.73E-06	2.13E-09	6.18E-10
4558 477863.09, 3859377.25	2.02E-04	6.38E-08	1.86E-08	2.53E-05	7.97E-09	2.32E-09	2.06E-04	6.52E-08	1.90E-08	2.91E-05	9.20E-09	2.68E-09	1.96E-04	6.20E-08	1.80E-08	1.35E-05	4.25E-09	1.24E-09
4559 478363.09, 3859377.25	2.92E-04	9.23E-08	2.68E-08	4.38E-05	1.38E-08	4.02E-09	3.00E-04	9.46E-08	2.75E-08	5.06E-05	1.60E-08	4.65E-09	2.80E-04	8.83E-08	2.57E-08	2.32E-05	7.32E-09	2.13E-09
4560 478863.09, 3859377.25	4.53E-04	1.43E-07	4.16E-08	7.50E-05	2.37E-08	6.88E-09	4.65E-04	1.47E-07	4.27E-08	8.67E-05	2.73E-08	7.96E-09	4.28E-04	1.35E-07	3.93E-08	3.96E-05	1.25E-08	3.63E-09
4561 479363.09, 3859377.25	6.36E-04	2.01E-07	5.84E-08	1.02E-04	3.23E-08	9.39E-09	6.53E-04	2.06E-07	6.00E-08	1.18E-04	3.73E-08	1.09E-08	6.05E-04	1.91E-07	5.55E-08	5.38E-05	1.70E-08	4.94E-09
4562 479863.09, 3859377.25	8.40E-04	2.65E-07	7.71E-08	1.21E-04	3.81E-08	1.11E-08	8.60E-04	2.71E-07	7.90E-08	1.40E-04	4.41E-08	1.28E-08	8.09E-04	2.55E-07	7.43E-08	6.34E-05	2.00E-08	5.82E-09
4563 480363.09, 3859377.25	1.09E-03	3.44E-07	1.00E-07	1.34E-04	4.22E-08	1.23E-08	1.11E-03	3.51E-07	1.02E-07	1.55E-04	4.88E-08	1.42E-08	1.06E-03	3.36E-07	9.77E-08	7.01E-05	2.21E-08	6.43E-09
4564 480863.09, 3859377.25	1.30E-03	4.12E-07	1.20E-07	1.45E-04	4.59E-08	1.34E-08	1.33E-03	4.20E-07	1.22E-07	1.68E-04	5.31E-08	1.55E-08	1.29E-03	4.06E-07	1.18E-07	7.62E-05	2.40E-08	6.99E-09
4565 481363.09, 3859377.25	1.50E-03	4.73E-07	1.38E-07	1.59E-04	5.02E-08	1.46E-08	1.53E-03	4.81E-07	1.40E-07	1.84E-04	5.81E-08	1.69E-08	1.48E-03	4.67E-07	1.36E-07	8.33E-05	2.63E-08	7.65E-09
4566 481863.09, 3859377.25	1.70E-03	5.36E-07	1.56E-07	1.74E-04	5.48E-08	1.59E-08	1.73E-03	5.45E-07	1.59E-07	2.01E-04	6.34E-08	1.84E-08	1.68E-03	5.31E-07	1.54E-07	9.09E-05	2.87E-08	8.34E-09
4567 482363.09, 3859377.25	1.87E-03	5.91E-07	1.72E-07	1.90E-04	6.00E-08	1.74E-08	1.91E-03	6.02E-07	1.75E-07	2.20E-04	6.94E-08	2.02E-08	1.86E-03	5.86E-07	1.71E-07	9.94E-05	3.14E-08	9.13E-09
4568 482863.09, 3859377.25	2.19E-03	6.92E-07	2.01E-07	2.05E-04	6.48E-08	1.89E-08	2.23E-03	7.03E-07	2.05E-07	2.38E-04	7.50E-08	2.18E-08	2.18E-03	6.89E-07	2.01E-07	1.08E-04	3.39E-08	9.87E-09
4569 483363.09, 3859377.25	2.76E-03	8.70E-07	2.53E-07	2.18E-04	6.88E-08	2.00E-08	2.79E-03	8.82E-07	2.57E-07	2.52E-04	7.96E-08	2.31E-08	2.77E-03	8.75E-07	2.55E-07	1.14E-04	3.60E-08	1.05E-08
4570 483863.09, 3859377.25	3.31E-03	1.04E-06	3.04E-07	2.25E-04	7.09E-08	2.06E-08	3.35E-03	1.06E-06	3.07E-07	2.60E-04	8.21E-08	2.39E-08	3.35E-03	1.06E-06	3.07E-07	1.18E-04	3.71E-08	1.08E-08
4571 484363.09, 3859377.25	3.87E-03	1.22E-06	3.55E-07	2.40E-04	7.59E-08	2.21E-08	3.91E-03	1.23E-06	3.59E-07	2.78E-04	8.78E-08	2.55E-08	3.93E-03	1.24E-06	3.61E-07	1.26E-04	3.97E-08	1.16E-08
4572 484863.09, 3859377.25	4.65E-03	1.47E-06	4.27E-07	2.54E-04	8.03E-08	2.33E-08	4.69E-03	1.48E-06	4.31E-07	2.94E-04	9.29E-08	2.70E-08	4.74E-03	1.50E-06	4.36E-07	1.33E-04	4.20E-08	1.22E-08
4573 485363.09, 3859377.25	5.92E-03	1.87E-06	5.43E-07	2.56E-04	8.08E-08	2.35E-08	5.96E-03	1.88E-06	5.47E-07	2.96E-04	9.35E-08	2.72E-08	6.08E-03	1.92E-06	5.58E-07	1.34E-04	4.24E-08	1.23E-08
4574 485863.09, 3859377.25	8.23E-03	2.60E-06	7.55E-07	2.53E-04	7.98E-08	2.32E-08	8.27E-03	2.61E-06	7.59E-07	2.92E-04	9.23E-08	2.68E-08	8.52E-03	2.69E-06	7.83E-07	1.33E-04	4.19E-08	1.22E-08
4575 486363.09, 3859377.25	1.33E-02	4.21E-06	1.23E-06	2.51E-04	7.94E-08	2.31E-08	1.34E-02	4.23E-06	1.23E-06	2.91E-04	9.18E-08	2.67E-08	1.39E-02	4.40E-06	1.28E-06	1.32E-04	4.18E-08	1.21E-08
4576 486863.09, 3859377.25	5.32E-02	1.68E-05	4.89E-06	2.46E-04	7.76E-08	2.26E-08	5.33E-02	1.68E-05	4.89E-06	2.84E-04	8.97E-08	2.61E-08	5.61E-02	1.77E-05	5.15E-06	1.30E-04	4.11E-08	1.19E-08
4577 487363.09, 3859377.25	6.96E-02	2.20E-05	6.39E-06	2.57E-04	8.10E-08	2.36E-08	6.96E-02	2.20E-05	6.39E-06	2.96E-04	9.35E-08	2.72E-08	7.33E-02	2.31E-05	6.73E-06	1.37E-04	4.32E-08	1.26E-08
4578 487863.09, 3859377.25	7.46E-02	2.35E-05	6.84E-06	2.68E-04	8.46E-08	2.46E-08	7.46E-02	2.35E-05	6.85E-06	3.09E-04	9.75E-08	2.84E-08	7.85E-02	2.48E-05	7.21E-06	1.44E-04	4.54E-08	1.32E-08
4579 488363.09, 3859377.25	8.73E-02	2.76E-05	8.02E-06	2.87E-04	9.07E-08	2.64E-08	8.74E-02	2.76E-05	8.02E-06	3.31E-04	1.04E-07	3.03E-08	9.20E-02	2.90E-05	8.45E-06	1.57E-04	4.94E-08	1.44E-08
4580 488863.09, 3859377.25	5.76E-02	1.82E-05	5.28E-06	3.02E-04	9.54E-08	2.77E-08	5.76E-02	1.82E-05	5.29E-06	3.47E-04	1.10E-07	3.19E-08	6.06E-02	1.91E-05	5.56E-06	1.66E-04	5.23E-08	1.52E-08
4581 489363.09, 3859377.25	2.87E-02	9.06E-06	2.64E-06	3.10E-04	9.79E-08	2.85E-08	2.88E-02	9.08E-06	2.64E-06	3.57E-04	1.13E-07	3.28E-08	3.01E-02	9.50E-06	2.76E-06	1.68E-04	5.29E-08	1.54E-08
4582 489863.09, 3859377.25	2.00E-02	6.32E-06	1.84E-06	2.90E-04	9.16E-08	2.66E-08	2.01E-02	6.33E-06	1.84E-06	3.35E-04	1.06E-07	3.07E-08	2.09E-02	6.61E-06	1.92E-06	1.56E-04	4.91E-08	1.43E-08
4583 490363.09, 3859377.25	1.51E-02	4.77E-06	1.39E-06	2.83E-04	8.92E-08	2.60E-08	1.52E-02	4.79E-06	1.39E-06	3.26E-04	1.03E-07	2.99E-08	1.58E-02	4.98E-06	1.45E-06	1.51E-04	4.76E-08	1.39E-08
4584 490863.09, 3859377.25	1.10E-02	3.47E-06	1.01E-06	2.95E-04	9.31E-08	2.71E-08	1.10E-02	3.49E-06	1.01E-06	3.40E-04	1.07E-07	3.13E-08	1.14E-02	3.60E-06	1.05E-06	1.57E-04	4.95E-08	1.44E-08
4585 491363.09, 3859377.25	7.05E-03	2.22E-06	6.47E-07	2.95E-04	9.30E-08	2.71E-08	7.10E-03	2.24E-06	6.51E-07	3.40E-04	1.07E-07	3.12E-08	7.24E-03	2.29E-06	6.65E-07	1.57E-04	4.94E-08	1.44E-08
4586 491863.09, 3859377.25	7.49E-03	2.37E-06	6.88E-07	3.11E-04	9.83E-08	2.86E-08	7.55E-03	2.38E-06	6.93E-07	3.60E-04	1.14E-07	3.30E-08	7.71E-03	2.43E-06	7.08E-07	1.65E-04	5.20E-08	1.51E-08
4587 492363.09, 3859377.25	6.67E-03	2.10E-06	6.12E-07	3.04E-04	9.59E-08	2.79E-08	6.72E-03	2.12E-06	6.17E-07	3.51E-04	1.11E-07	3.22E-08	6.84E-03	2.16E-06	6.28E-07	1.61E-04	5.07E-08	1.48E-08
4588 492863.09, 3859377.25	6.10E-03	1.92E-06	5.60E-07	2.91E-04	9.20E-08	2.68E-08	6.15E-03	1.94E-06	5.64E-07	3.37E-04	1.06E-07	3.09E-08	6.24E-03	1.97E-06	5.73E-07	1.54E-04	4.87E-08	1.42E-08
4589 493363.09, 3859377.25	5.15E-03	1.63E-06	4.73E-07	2.75E-04	8.66E-08	2.52E-08	5.20E-03	1.64E-06	4.77E-07	3.17E-04	1.00E-07	2.91E-08	5.26E-03	1.66E-06	4.83E-07	1.45E-04	4.59E-08	1.34E-08
4590 493863.09, 3859377.25	4.70E-03	1.48E-06	4.31E-07	2.64E-04	8.32E-08	2.42E-08	4.74E-03	1.50E-06	4.35E-07	3.05E-04	9.61E-08	2.80E-08	4.78E-03	1.51E-06	4.39E-07	1.40E-04	4.41E-08	1.28E-08
4591 494363.09, 3859377.25	4.14E-03	1.31E-06	3.80E-07	2.51E-04	7.91E-08	2.30E-08	4.18E-03	1.32E-06	3.84E-07	2.90E-04	9.14E-08	2.66E-08	4.20E-03	1.33E-06	3.86E-07	1.33E-04	4.19E-08	1.22E-08
4592 494863.09, 3859377.25	3.41E-03	1.08E-06	3.13E-07	2.27E-04	7.17E-08	2.09E-08	3.45E-03	1.09E-06	3.17E-07	2.62E-04	8.28E-08	2.41E-08	3.45E-03	1.09E-06	3.17E-07	1.20E-04	3.80E-08	1.11E-08
4593 495363.09, 3859377.25	3.15E-03	9.93E-07	2.89E-07	2.17E-04	6.85E-08	1.99E-08	3.18E-03	1.00E-06	2.92E-07	2.51E-04	7.91E-08	2.30E-08	3.17E-03	1.00E-06	2.91E-07	1.15E-04	3.63E-08	1.06E-08
4594 495863.09, 3859377.25	2.83E-03	8.92E-07	2.59E-07	2.04E-04	6.42E-08	1.87E-08	2.86E-03	9.03E-07	2.63E-07	2.35E-04	7.42E-08	2.16E-08	2.85E-03	8.98E-07	2.61E-07	1.08E-04	3.41E-08	9.91E-09
4595 496363.09, 3859377.25	2.71E-03	8.56E-07	2.49E-07	2.01E-04	6.34E-08	1.85E-08	2.75E-03	8.67E-07	2.52E-07	2.32E-04	7.33E-08	2.13E-08	2.73E-03	8.61E-07	2.50E-07	1.07E-04	3.36E-08	9.78E-09
4596 496863.09, 3859377.25	2.39E-03	7.53E-07	2.19E-07	1.85E-04	5.82E-08	1.69E-08	2.42E-03	7.63E-07	2.22E-07	2.13E-04	6.73E-08	1.96E-08	2.39E-03	7.56E-07	2.20E-07	9.79E-05	3.09E-08	8.99E-09
4597 497363.09, 3859377.25	2.41E-03	7.59E-07	2.21E-07	1.89E-04	5.96E-08	1.73E-08	2.44E-03	7.69E-07	2.24E-07	2.18E-04	6.88E-08	2.00E-08	2.41E-03	7.61E-07	2.21E-07	1.00E-04	3.16E-08	9.19E-09
4598 497863.09, 3859377.25	2.54E-03	8.03E-07	2.33E-07	1.96E-04	6.19E-08	1.80E-08	2.58E-03	8.13E-07	2.36E-07	2.27E-04	7.15E-08	2.08E-08	2.55E-03	8.06E-07	2.34E-07	1.04E-04	3.28E-08	9.54E-09
4599 498363.09, 3859377.25	2.61E-03	8.23E-07	2.39E-07	1.96E-04	6.19E-08	1.80E-08	2.64E-03	8.33E-07	2.42E-07	2.26E-04	7.15E-08	2.08E-08	2.62E-03	8.27E-07	2.41E-07	1.04E-04	3.28E-08	9.53E-09
4600 471363.09, 3859877.25	3.02E-04	9.53E-08	2.77E-08	3.58E-05	1.13E-08	3.29E-09	3.08E-04	9.73E-08	2.83E-08	4.14E-05	1.31E-08	3.80E-09	2.95E-04	9.32E-08	2.71E-08	1.89E-05	5.96E-09	1.73E-09
4601 471863.09, 3859877.25	3.20E-04	1.01E-07	2.94E-08	3.81E-05	1.20E-08	3.50E-09	3.26E-04	1.03E-07	3.00E-08	4.41E-05	1.39E-08	4.05E-09	3.13E-04	9.87E-08	2.87E-08	2.01E-05	6.35E-09	1.85E-09
4602 472363.09, 3859877.25	3.34E-04	1.06E-07	3.07E-08	4.05E-05	1.28E-08	3.72E-09	3.41E-04	1.08E-07	3.13E-08	4.68E-05	1.48E-08	4.30E-09	3.27E-04	1.03E-07	3.00E-08	2.13E-05	6.73E-09	1.96E-09
4603 472863.09, 3859877.25	3.63E-04	1.15E-07	3.33E-08	4.33E-05	1.37E-08	3.98E-09	3.70E-04	1.17E-07	3.40E-08	5.01E-05	1.58E-08	4.60E-09	3.55E-04	1.12E-07	3.26E-08	2.28E-05	7.20E-09	2.10E-09
4604 473363.09, 3859877.25	3.93E-04	1.24E-07	3.61E-08	4.63E-05	1.46E-08	4.25E-09	4.01E-04	1.26E-07	3.68E-08	5.35E-05	1.69E-08	4.91E-09	3.85E-04	1.21E-07	3.53E-08	2.43E-05	7.68E-09	2.23E-09
4605 473863.09, 3859877.25	4.17E-04	1.32E-07	3.83E-08	4.92E-05	1.55E-08	4.52E-09	4.25E-04	1.34E-07	3.90E-08	5.69E-05	1.79E-08	5.22E-09	4.08E-04	1.29E-07	3.75E-08	2.59E-05	8.16E-09	2.37E-09
4606 474363.09, 3859877.25	3.80E-04	1.20E-07	3.49E-08	4.99E-05	1.58E-08	4.58E-09	3.89E-04	1.23E-07	3.57E-08	5.77E-05	1.82E-08	5.30E-09	3.69E-04	1.16E-07	3.38E-08	2.63E-05	8.31E-09	2.42E-09
4607 474863.09, 3859877.25	3.22E-04	1.02E-07	2.96E-08	4.70E-05	1.48E-08	4.32E-09	3.30E-04	1.04E-07	3.03E-08	5.43E-05	1.71E-08	4.99E-09	3.09E-04	9.75E-08	2.84E-08	2.48E-05	7.84E-09	2.28E-09
4608 475363.09, 3859877.25	2.10E-04	6.61E-08	1.92E-08	3.10E-05	9.79E-09	2.85E-09	2.15E-04	6.78E-08	1.97E-08	3.58E-05	1.13E-08	3.29E-09	2.01E-04	6.33E-08	1.84E-08	1.64E-05	5.18E-09	1.51E-09
4609 475863.09, 3859877.25	1.37E-04	4.31E-08	1.25E-08	1.50E-05	4.74E-09	1.38E-09	1.39E-04	4.39E-08	1.28E-08	1.73E-05	5.46E-09	1.59E-09	1.34E-04	4.22E-08	1.23E-08	8.06E-06	2.55E-09	7.40E-10
4610 476363.09, 3859877.25	1.05E-04	3.32E-08	9.67E-09	8.82E-06	2.78E-09	8.09E-10	1.07E-04	3.37E-08	9.80E-09	1.01E-05	3.20E-09	9.30E-10	1.04E-04	3.30E-08	9.59E-09	4.84E-06	1.53E-09	4.44E-10
4611 476863.09, 3859877.25	1.19E-04	3.75E-08	1.09E-08	1.04E-05	3.29E-09	9.56E-10	1.21E-04	3.81E-08	1.11E-08	1.20E-05	3.78E-09	1.10E-09	1.18E-04	3.72E-08	1.08E-08	5.69E-06	1.80E-09	5.23E-10
4612 477363.09, 3859877.25	1.28E-04	4.03E-08	1.17E-08	1.14E-05	3.61E-09	1.05E-09	1.29E-04	4.09E-08	1.19E-08	1.32E-05	4.15E-09	1.21E-09	1.26E-04	3.98E-08	1.16E-08	6.25E-06	1.97E-09	5.73E-10
4613 477863.09, 3859877.25	1.86E-04	5.86E-08	1.71E-08	2.24E-05	7.07E-09	2.06E-09	1.89E-04	5.98E-08	1.74E-08	2.58E-05	8.15E-09	2.37E-09	1.81E-04	5.70E-08	1.66E-08	1.20E-05	3.78E-09	1.10E-09
4614 478363.09, 3859877.25	2.92E-04	9.23E-08	2.68E-08	4.39E-05	1.39E-08	4.03E-09	3.00E-04	9.46E-08	2.75E-08	5.07E-05	1.60E-08	4.66E-09	2.79E-04	8.81E-08	2.56E-08	2.33E-05	7.35E-09	2.14E-09
4615 478863.09, 3859877.25	4.60E-04	1.45E-07	4.22E-08	7.24E-05	2.28E-08	6.64E-09	4.72E-04	1.49E-07	4.34E-08	8.36E-05	2.64E-08	7.67E-09	4.37E-04	1.38E-07	4.01E-08	3.83E-05	1.21E-08	3.51E-09
4616 479363.09, 3859877.25	6.70E-04	2.12E-07	6.15E-08	9.70E-05	3.06E-08	8.90E-09	6.87E-04	2.17E-07	6.30E-08	1.12E-04	3.54E-08	1.03E-08	6.44E-04	2.03E-07	5.91E-08	5.11E-05	1.61E-08	4.69E-09

4617 479863.09, 3859877.25	8.70E-04	2.75E-07	7.99E-08	1.10E-04	3.46E-08	1.01E-08	8.89E-04	2.80E-07	8.16E-08	1.27E-04	4.00E-08	1.16E-08	8.48E-04	2.68E-07	7.78E-08	5.76E-05	1.82E-08	5.29E-09
4618 480363.09, 3859877.25	1.09E-03	3.45E-07	1.00E-07	1.19E-04	3.77E-08	1.10E-08	1.11E-03	3.52E-07	1.02E-07	1.38E-04	4.36E-08	1.27E-08	1.08E-03	3.40E-07	9.90E-08	6.26E-05	1.98E-08	5.75E-09
4619 480863.09, 3859877.25	1.27E-03	4.02E-07	1.17E-07	1.29E-04	4.07E-08	1.19E-08	1.30E-03	4.09E-07	1.19E-07	1.49E-04	4.71E-08	1.37E-08	1.26E-03	3.99E-07	1.16E-07	6.77E-05	2.14E-08	6.21E-09
4620 481363.09, 3859877.25	1.44E-03	4.55E-07	1.32E-07	1.38E-04	4.35E-08	1.27E-08	1.46E-03	4.62E-07	1.34E-07	1.59E-04	5.03E-08	1.46E-08	1.43E-03	4.52E-07	1.32E-07	7.22E-05	2.28E-08	6.63E-09
4621 481863.09, 3859877.25	1.61E-03	5.07E-07	1.47E-07	1.48E-04	4.66E-08	1.35E-08	1.63E-03	5.15E-07	1.50E-07	1.71E-04	5.39E-08	1.57E-08	1.60E-03	5.05E-07	1.47E-07	7.74E-05	2.44E-08	7.10E-09
4622 482363.09, 3859877.25	1.80E-03	5.69E-07	1.65E-07	1.61E-04	5.07E-08	1.47E-08	1.83E-03	5.78E-07	1.68E-07	1.86E-04	5.87E-08	1.71E-08	1.80E-03	5.68E-07	1.65E-07	8.42E-05	2.66E-08	7.73E-09
4623 482863.09, 3859877.25	2.04E-03	6.44E-07	1.87E-07	1.74E-04	5.50E-08	1.60E-08	2.07E-03	6.53E-07	1.90E-07	2.02E-04	6.37E-08	1.85E-08	2.04E-03	6.44E-07	1.87E-07	9.13E-05	2.88E-08	8.38E-09
4624 483363.09, 3859877.25	2.32E-03	7.33E-07	2.13E-07	1.88E-04	5.92E-08	1.72E-08	2.36E-03	7.44E-07	2.16E-07	2.17E-04	6.85E-08	1.99E-08	2.33E-03	7.37E-07	2.14E-07	9.82E-05	3.10E-08	9.01E-09
4625 483863.09, 3859877.25	2.87E-03	9.05E-07	2.63E-07	1.91E-04	6.02E-08	1.75E-08	2.90E-03	9.16E-07	2.66E-07	2.21E-04	6.96E-08	2.03E-08	2.91E-03	9.18E-07	2.67E-07	9.99E-05	3.15E-08	9.17E-09
4626 484363.09, 3859877.25	3.31E-03	1.04E-06	3.03E-07	1.99E-04	6.27E-08	1.82E-08	3.34E-03	1.05E-06	3.07E-07	2.30E-04	7.25E-08	2.11E-08	3.36E-03	1.06E-06	3.09E-07	1.04E-04	3.28E-08	9.55E-09
4627 484863.09, 3859877.25	3.89E-03	1.23E-06	3.57E-07	2.04E-04	6.43E-08	1.87E-08	3.92E-03	1.24E-06	3.60E-07	2.36E-04	7.44E-08	2.16E-08	3.97E-03	1.25E-06	3.65E-07	1.07E-04	3.37E-08	9.80E-09
4628 485363.09, 3859877.25	4.71E-03	1.49E-06	4.32E-07	2.01E-04	6.35E-08	1.85E-08	4.74E-03	1.50E-06	4.35E-07	2.33E-04	7.35E-08	2.14E-08	4.84E-03	1.53E-06	4.45E-07	1.06E-04	3.33E-08	9.69E-09
4629 485863.09, 3859877.25	5.96E-03	1.88E-06	5.47E-07	1.97E-04	6.21E-08	1.81E-08	6.00E-03	1.89E-06	5.50E-07	2.28E-04	7.18E-08	2.09E-08	6.17E-03	1.95E-06	5.66E-07	1.03E-04	3.26E-08	9.48E-09
4630 486363.09, 3859877.25	7.69E-03	2.43E-06	7.06E-07	1.95E-04	6.16E-08	1.79E-08	7.72E-03	2.44E-06	7.09E-07	2.26E-04	7.12E-08	2.07E-08	8.00E-03	2.52E-06	7.34E-07	1.03E-04	3.24E-08	9.41E-09
4631 486863.09, 3859877.25	1.02E-02	3.22E-06	9.37E-07	1.94E-04	6.11E-08	1.78E-08	1.02E-02	3.23E-06	9.40E-07	2.24E-04	7.07E-08	2.06E-08	1.07E-02	3.36E-06	9.78E-07	1.02E-04	3.22E-08	9.37E-09
4632 487363.09, 3859877.25	1.50E-02	4.72E-06	1.37E-06	1.97E-04	6.21E-08	1.81E-08	1.50E-02	4.74E-06	1.38E-06	2.27E-04	7.17E-08	2.09E-08	1.57E-02	4.95E-06	1.44E-06	1.04E-04	3.29E-08	9.56E-09
4633 487863.09, 3859877.25	6.21E-02	1.96E-05	5.70E-06	2.08E-04	6.58E-08	1.91E-08	6.22E-02	1.96E-05	5.71E-06	2.40E-04	7.58E-08	2.21E-08	6.55E-02	2.07E-05	6.01E-06	1.12E-04	3.54E-08	1.03E-08
4634 488363.09, 3859877.25	7.69E-02	2.43E-05	7.06E-06	2.20E-04	6.94E-08	2.02E-08	7.70E-02	2.43E-05	7.07E-06	2.53E-04	7.97E-08	2.32E-08	8.11E-02	2.56E-05	7.44E-06	1.21E-04	3.82E-08	1.11E-08
4635 488863.09, 3859877.25	3.37E-02	1.06E-05	3.09E-06	2.40E-04	7.58E-08	2.21E-08	3.37E-02	1.06E-05	3.09E-06	2.74E-04	8.66E-08	2.52E-08	3.54E-02	1.12E-05	3.25E-06	1.37E-04	4.33E-08	1.26E-08
4636 489363.09, 3859877.25	2.44E-02	7.69E-06	2.24E-06	2.35E-04	7.43E-08	2.16E-08	2.44E-02	7.70E-06	2.24E-06	2.70E-04	8.53E-08	2.48E-08	2.56E-02	8.07E-06	2.35E-06	1.29E-04	4.07E-08	1.18E-08
4637 489863.09, 3859877.25	1.91E-02	6.02E-06	1.75E-06	2.40E-04	7.57E-08	2.20E-08	1.91E-02	6.03E-06	1.75E-06	2.76E-04	8.72E-08	2.54E-08	2.00E-02	6.30E-06	1.83E-06	1.29E-04	4.07E-08	1.18E-08
4638 490363.09, 3859877.25	1.55E-02	4.88E-06	1.42E-06	2.24E-04	7.08E-08	2.06E-08	1.55E-02	4.90E-06	1.42E-06	2.59E-04	8.16E-08	2.37E-08	1.62E-02	5.11E-06	1.49E-06	1.20E-04	3.78E-08	1.10E-08
4639 490863.09, 3859877.25	1.24E-02	3.91E-06	1.14E-06	2.16E-04	6.83E-08	1.99E-08	1.24E-02	3.92E-06	1.14E-06	2.50E-04	7.88E-08	2.29E-08	1.29E-02	4.08E-06	1.19E-06	1.15E-04	3.63E-08	1.06E-08
4640 491363.09, 3859877.25	1.04E-02	3.29E-06	9.56E-07	2.17E-04	6.83E-08	1.99E-08	1.04E-02	3.30E-06	9.59E-07	2.50E-04	7.89E-08	2.30E-08	1.09E-02	3.42E-06	9.96E-07	1.15E-04	3.63E-08	1.05E-08
4641 491863.09, 3859877.25	8.80E-03	2.78E-06	8.08E-07	2.26E-04	7.14E-08	2.08E-08	8.84E-03	2.79E-06	8.11E-07	2.61E-04	8.25E-08	2.40E-08	9.14E-03	2.89E-06	8.39E-07	1.20E-04	3.78E-08	1.10E-08
4642 492363.09, 3859877.25	7.59E-03	2.39E-06	6.96E-07	2.37E-04	7.49E-08	2.18E-08	7.63E-03	2.41E-06	7.00E-07	2.74E-04	8.65E-08	2.52E-08	7.85E-03	2.48E-06	7.21E-07	1.25E-04	3.96E-08	1.15E-08
4643 492863.09, 3859877.25	6.43E-03	2.03E-06	5.90E-07	2.42E-04	7.63E-08	2.22E-08	6.47E-03	2.04E-06	5.94E-07	2.79E-04	8.82E-08	2.56E-08	6.63E-03	2.09E-06	6.09E-07	1.28E-04	4.03E-08	1.17E-08
4644 493363.09, 3859877.25	5.65E-03	1.78E-06	5.19E-07	2.37E-04	7.49E-08	2.18E-08	5.69E-03	1.80E-06	5.23E-07	2.74E-04	8.65E-08	2.52E-08	5.81E-03	1.83E-06	5.34E-07	1.25E-04	3.95E-08	1.15E-08
4645 493863.09, 3859877.25	5.02E-03	1.58E-06	4.61E-07	2.29E-04	7.23E-08	2.10E-08	5.06E-03	1.60E-06	4.64E-07	2.65E-04	8.35E-08	2.43E-08	5.15E-03	1.62E-06	4.73E-07	1.21E-04	3.81E-08	1.11E-08
4646 494363.09, 3859877.25	4.39E-03	1.39E-06	4.03E-07	2.19E-04	6.91E-08	2.01E-08	4.43E-03	1.40E-06	4.06E-07	2.53E-04	7.98E-08	2.32E-08	4.49E-03	1.42E-06	4.12E-07	1.16E-04	3.65E-08	1.06E-08
4647 494863.09, 3859877.25	4.02E-03	1.27E-06	3.69E-07	2.11E-04	6.66E-08	1.94E-08	4.06E-03	1.28E-06	3.72E-07	2.44E-04	7.70E-08	2.24E-08	4.10E-03	1.30E-06	3.77E-07	1.12E-04	3.52E-08	1.02E-08
4648 495363.09, 3859877.25	3.61E-03	1.14E-06	3.32E-07	2.04E-04	6.43E-08	1.87E-08	3.65E-03	1.15E-06	3.35E-07	2.35E-04	7.43E-08	2.16E-08	3.68E-03	1.16E-06	3.38E-07	1.08E-04	3.40E-08	9.89E-09
4649 495863.09, 3859877.25	3.24E-03	1.02E-06	2.98E-07	1.96E-04	6.20E-08	1.80E-08	3.28E-03	1.03E-06	3.01E-07	2.27E-04	7.16E-08	2.08E-08	3.30E-03	1.04E-06	3.03E-07	1.04E-04	3.28E-08	9.53E-09
4650 496363.09, 3859877.25	2.79E-03	8.82E-07	2.57E-07	1.84E-04	5.82E-08	1.69E-08	2.83E-03	8.92E-07	2.59E-07	2.13E-04	6.72E-08	1.95E-08	2.83E-03	8.92E-07	2.60E-07	9.76E-05	3.08E-08	8.96E-09
4651 496863.09, 3859877.25	2.08E-03	6.56E-07	1.91E-07	1.49E-04	4.71E-08	1.37E-08	2.10E-03	6.64E-07	1.93E-07	1.73E-04	5.45E-08	1.58E-08	2.10E-03	6.61E-07	1.92E-07	7.92E-05	2.50E-08	7.27E-09
4652 497363.09, 3859877.25	2.38E-03	7.50E-07	2.18E-07	1.69E-04	5.34E-08	1.55E-08	2.40E-03	7.59E-07	2.21E-07	1.95E-04	6.17E-08	1.79E-08	2.39E-03	7.56E-07	2.20E-07	8.96E-05	2.83E-08	8.23E-09
4653 497863.09, 3859877.25	2.61E-03	8.24E-07	2.40E-07	1.75E-04	5.53E-08	1.61E-08	2.64E-03	8.34E-07	2.42E-07	2.02E-04	6.39E-08	1.86E-08	2.64E-03	8.33E-07	2.42E-07	9.26E-05	2.92E-08	8.50E-09
4654 498363.09, 3859877.25	2.65E-03	8.36E-07	2.43E-07	1.73E-04	5.47E-08	1.59E-08	2.68E-03	8.45E-07	2.46E-07	2.00E-04	6.32E-08	1.84E-08	2.68E-03	8.46E-07	2.46E-07	9.16E-05	2.89E-08	8.41E-09
4655 471363.09, 3860377.25	3.15E-04	9.94E-08	2.89E-08	3.66E-05	1.16E-08	3.36E-09	3.21E-04	1.01E-07	2.95E-08	4.24E-05	1.34E-08	3.89E-09	3.09E-04	9.74E-08	2.83E-08	1.93E-05	6.09E-09	1.77E-09
4656 471863.09, 3860377.25	3.33E-04	1.05E-07	3.06E-08	3.88E-05	1.22E-08	3.56E-09	3.40E-04	1.07E-07	3.12E-08	4.48E-05	1.42E-08	4.12E-09	3.26E-04	1.03E-07	3.00E-08	2.04E-05	6.45E-09	1.87E-09
4657 472363.09, 3860377.25	3.57E-04	1.13E-07	3.28E-08	4.12E-05	1.30E-08	3.78E-09	3.64E-04	1.15E-07	3.34E-08	4.76E-05	1.50E-08	4.37E-09	3.50E-04	1.11E-07	3.22E-08	2.17E-05	6.84E-09	1.99E-09
4658 472863.09, 3860377.25	3.86E-04	1.22E-07	3.55E-08	4.38E-05	1.38E-08	4.02E-09	3.94E-04	1.24E-07	3.61E-08	5.06E-05	1.60E-08	4.65E-09	3.79E-04	1.20E-07	3.48E-08	2.30E-05	7.27E-09	2.11E-09
4659 473363.09, 3860377.25	4.13E-04	1.30E-07	3.79E-08	4.67E-05	1.48E-08	4.29E-09	4.21E-04	1.33E-07	3.86E-08	5.41E-05	1.71E-08	4.96E-09	4.06E-04	1.28E-07	3.72E-08	2.46E-05	7.76E-09	2.26E-09
4660 473863.09, 3860377.25	4.32E-04	1.36E-07	3.97E-08	5.03E-05	1.59E-08	4.62E-09	4.41E-04	1.39E-07	4.05E-08	5.81E-05	1.83E-08	5.34E-09	4.24E-04	1.34E-07	3.89E-08	2.64E-05	8.34E-09	2.43E-09
4661 474363.09, 3860377.25	4.29E-04	1.35E-07	3.94E-08	5.38E-05	1.70E-08	4.94E-09	4.38E-04	1.38E-07	4.02E-08	6.23E-05	1.96E-08	5.72E-09	4.18E-04	1.32E-07	3.84E-08	2.83E-05	8.94E-09	2.60E-09
4662 474863.09, 3860377.25	4.14E-04	1.31E-07	3.80E-08	5.64E-05	1.78E-08	5.18E-09	4.24E-04	1.34E-07	3.89E-08	6.52E-05	2.06E-08	5.98E-09	4.00E-04	1.26E-07	3.68E-08	2.98E-05	9.39E-09	2.73E-09
4663 475363.09, 3860377.25	3.62E-04	1.14E-07	3.32E-08	5.37E-05	1.70E-08	4.93E-09	3.71E-04	1.17E-07	3.41E-08	6.20E-05	1.96E-08	5.70E-09	3.46E-04	1.09E-07	3.18E-08	2.84E-05	8.97E-09	2.61E-09
4664 475863.09, 3860377.25	3.00E-04	9.46E-08	2.75E-08	4.64E-05	1.47E-08	4.26E-09	3.08E-04	9.71E-08	2.82E-08	5.36E-05	1.69E-08	4.92E-09	2.85E-04	9.01E-08	2.62E-08	2.46E-05	7.76E-09	2.26E-09
4665 476363.09, 3860377.25	2.40E-04	7.56E-08	2.20E-08	3.61E-05	1.14E-08	3.31E-09	2.46E-04	7.75E-08	2.25E-08	4.16E-05	1.31E-08	3.82E-09	2.29E-04	7.22E-08	2.10E-08	1.91E-05	6.03E-09	1.76E-09
4666 476863.09, 3860377.25	2.22E-04	7.01E-08	2.04E-08	3.20E-05	1.01E-08	2.93E-09	2.28E-04	7.18E-08	2.09E-08	3.69E-05	1.16E-08	3.39E-09	2.13E-04	6.72E-08	1.95E-08	1.70E-05	5.36E-09	1.56E-09
4667 477363.09, 3860377.25	1.62E-04	5.10E-08	1.48E-08	1.83E-05	5.78E-09	1.68E-09	1.65E-04	5.19E-08	1.51E-08	2.11E-05	6.66E-09	1.94E-09	1.58E-04	4.97E-08	1.45E-08	9.86E-06	3.11E-09	9.05E-10
4668 477863.09, 3860377.25	1.92E-04	6.07E-08	1.77E-08	2.42E-05	7.65E-09	2.23E-09	1.96E-04	6.20E-08	1.80E-08	2.80E-05	8.82E-09	2.57E-09	1.86E-04	5.88E-08	1.71E-08	1.30E-05	4.09E-09	1.19E-09
4669 478363.09, 3860377.25	3.17E-04	1.00E-07	2.91E-08	4.83E-05	1.53E-08	4.44E-09	3.25E-04	1.03E-07	2.99E-08	5.58E-05	1.76E-08	5.12E-09	3.02E-04	9.53E-08	2.77E-08	2.56E-05	8.09E-09	2.35E-09
4670 478863.09, 3860377.25	4.50E-04	1.42E-07	4.13E-08	6.97E-05	2.20E-08	6.40E-09	4.62E-04	1.46E-07	4.24E-08	8.05E-05	2.54E-08	7.39E-09	4.29E-04	1.35E-07	3.94E-08	3.68E-05	1.16E-08	3.38E-09
4671 479363.09, 3860377.25	6.37E-04	2.01E-07	5.85E-08	8.82E-05	2.78E-08	8.10E-09	6.52E-04	2.06E-07	5.98E-08	1.02E-04	3.22E-08	9.36E-09	6.15E-04	1.94E-07	5.64E-08	4.64E-05	1.47E-08	4.26E-09
4672 479863.09, 3860377.25	8.61E-04	2.72E-07	7.90E-08	9.91E-05	3.13E-08	9.09E-09	8.78E-04	2.77E-07	8.06E-08	1.15E-04	3.62E-08	1.05E-08	8.45E-04	2.67E-07	7.75E-08	5.21E-05	1.64E-08	4.78E-09
4673 480363.09, 3860377.25	1.06E-03	3.36E-07	9.77E-08	1.06E-04	3.34E-08	9.72E-09	1.08E-03	3.41E-07	9.93E-08	1.22E-04	3.87E-08	1.12E-08	1.05E-03	3.33E-07	9.68E-08	5.56E-05	1.75E-08	5.10E-09
4674 480863.09, 3860377.25	1.22E-03	3.86E-07	1.12E-07	1.12E-04	3.52E-08	1.02E-08	1.24E-03	3.92E-07	1.14E-07	1.29E-04	4.07E-08	1.18E-08	1.22E-03	3.84E-07	1.12E-07	5.85E-05	1.85E-08	5.37E-09
4675 481363.09, 3860377.25	1.36E-03	4.28E-07	1.25E-07	1.19E-04	3.75E-08	1.09E-08	1.38E-03	4.35E-07	1.26E-07	1.37E-04	4.34E-08	1.26E-08	1.36E-03	4.28E-07	1.25E-07	6.24E-05	1.97E-08	5.72E-09
4676 481863.09, 3860377.25	1.53E-03	4.83E-07	1.41E-07	1.30E-04	4.09E-08	1.19E-08	1.55E-03	4.90E-07	1.43E-07	1.50E-04	4.73E-08	1.38E-08	1.53E-03	4.84E-07	1.41E-07	6.80E-05	2.15E-08	6.24E-09
4677 482363.09, 3860377.25	1.69E-03	5.33E-07	1.55E-07	1.41E-04	4.46E-08	1.30E-08	1.71E-03	5.41E-07	1.57E-07	1.63E-04	5.16E-08	1.50E-08	1.69E-03	5.34E-07	1.55E-07	7.40E-05	2.34E-08	6.80E-09
4678 482863.09, 3860377.25	1.86E-03	5.86E-07	1.71E-07	1.50E-04	4.75E-08	1.38E-08	1.88E-03	5.94E-07	1.73E-07	1.74E-04	5.49E-08	1.60E-08	1.87E-03	5.89E-07	1.71E-07	7.88E-05	2.49E-08	7.23E-09
4679 483363.09, 3860377.25	2.14E-03	6.76E-07	1.97E-07	1.60E-04	5.04E-08	1.46E-08	2.17E-03	6.85E-07	1.99E-07	1.85E-04	5.83E-08	1.69E-08	2.16E-03	6.82E-07	1.98E-07	8.36E-05	2.64E-08	7.68E-09
4680 483863.09, 3860377.25	2.39E-03	7.55E-07	2.20E-07	1.69E-04	5.35E-08	1.56E-08	2.42E-03	7.64E-07	2.22E-07	1.96E-04	6.19E-08	1.80E-08	2.42E-03	7.63E-07	2.22E-07	8.88E-05	2.80E-08	8.15E-09
4681 484363.09, 3860377.25	2.80E-03	8.82E-07	2.57E-07	1.67E-04	5.26E-08	1.53E-08	2.82E-03	8.91E-07	2.59E-07	1.93E-04	6.08E-08	1.77E-08	2.84E-03	8.98E-07	2.61E-07	8.73E-05	2.76E-08	8.02E-09
4682 484863.09, 3860377.25	3.21E-03	1.01E-06	2.94E-07	1.68E-04	5.29E-08	1.54E-08	3.24E-03	1.02E-06	2.97E-07	1.94E-04	6.12E-08	1.78E-08	3.28E-03	1.03E-06	3.01E-07	8.79E-05	2.78E-08	8.07E-09

4683	485363.09, 3860377.25	3.75E-03	1.18E-06	3.44E-07	1.62E-04	5.10E-08	1.48E-08	3.77E-03	1.19E-06	3.46E-07	1.87E-04	5.90E-08	1.72E-08	3.85E-03	1.22E-06	3.54E-07	8.48E-05	2.68E-08	7.79E-09
4684	485863.09, 3860377.25	4.50E-03	1.42E-06	4.13E-07	1.60E-04	5.03E-08	1.46E-08	4.53E-03	1.43E-06	4.16E-07	1.85E-04	5.82E-08	1.69E-08	4.65E-03	1.47E-06	4.27E-07	8.37E-05	2.64E-08	7.68E-09
4685	486363.09, 3860377.25	5.45E-03	1.72E-06	5.00E-07	1.56E-04	4.94E-08	1.44E-08	5.47E-03	1.73E-06	5.03E-07	1.81E-04	5.71E-08	1.66E-08	5.65E-03	1.78E-06	5.19E-07	8.21E-05	2.59E-08	7.54E-09
4686	486863.09, 3860377.25	6.86E-03	2.16E-06	6.30E-07	1.54E-04	4.88E-08	1.42E-08	6.88E-03	2.17E-06	6.32E-07	1.79E-04	5.64E-08	1.64E-08	7.14E-03	2.25E-06	6.56E-07	8.12E-05	2.56E-08	7.46E-09
4687	487363.09, 3860377.25	1.05E-02	3.32E-06	9.66E-07	1.56E-04	4.94E-08	1.44E-08	1.06E-02	3.33E-06	9.69E-07	1.81E-04	5.70E-08	1.66E-08	1.10E-02	3.48E-06	1.01E-06	8.25E-05	2.60E-08	7.57E-09
4688	487863.09, 3860377.25	5.25E-02	1.66E-05	4.82E-06	1.63E-04	5.16E-08	1.50E-08	5.25E-02	1.66E-05	4.82E-06	1.88E-04	5.95E-08	1.73E-08	5.53E-02	1.74E-05	5.07E-06	8.71E-05	2.75E-08	8.00E-09
4689	488363.09, 3860377.25	7.47E-02	2.36E-05	6.86E-06	1.71E-04	5.41E-08	1.57E-08	7.47E-02	2.36E-05	6.86E-06	1.97E-04	6.22E-08	1.81E-08	7.88E-02	2.49E-05	7.23E-06	9.39E-05	2.96E-08	8.62E-09
4690	488863.09, 3860377.25	8.16E-02	2.57E-05	7.49E-06	1.82E-04	5.73E-08	1.67E-08	8.16E-02	2.57E-05	7.49E-06	2.08E-04	6.57E-08	1.91E-08	8.60E-02	2.71E-05	7.89E-06	1.00E-04	3.17E-08	9.22E-09
4691	489363.09, 3860377.25	3.67E-02	1.16E-05	3.37E-06	1.79E-04	5.66E-08	1.65E-08	3.67E-02	1.16E-05	3.37E-06	2.07E-04	6.52E-08	1.90E-08	3.86E-02	1.22E-05	3.54E-06	9.65E-05	3.05E-08	8.86E-09
4692	489863.09, 3860377.25	1.92E-02	6.06E-06	1.76E-06	1.82E-04	5.75E-08	1.67E-08	1.92E-02	6.07E-06	1.77E-06	2.10E-04	6.64E-08	1.93E-08	2.01E-02	6.36E-06	1.85E-06	9.72E-05	3.07E-08	8.92E-09
4693	490363.09, 3860377.25	1.36E-02	4.30E-06	1.25E-06	1.88E-04	5.93E-08	1.72E-08	1.37E-02	4.31E-06	1.26E-06	2.17E-04	6.85E-08	1.99E-08	1.43E-02	4.51E-06	1.31E-06	9.97E-05	3.15E-08	9.15E-09
4694	490863.09, 3860377.25	1.07E-02	3.39E-06	9.86E-07	1.79E-04	5.65E-08	1.64E-08	1.08E-02	3.40E-06	9.89E-07	2.07E-04	6.53E-08	1.90E-08	1.12E-02	3.54E-06	1.03E-06	9.48E-05	2.99E-08	8.71E-09
4695	491363.09, 3860377.25	8.85E-03	2.79E-06	8.12E-07	1.67E-04	5.28E-08	1.53E-08	8.87E-03	2.80E-06	8.15E-07	1.93E-04	6.09E-08	1.77E-08	9.23E-03	2.91E-06	8.47E-07	8.84E-05	2.79E-08	8.12E-09
4696	491863.09, 3860377.25	7.58E-03	2.39E-06	6.96E-07	1.66E-04	5.23E-08	1.52E-08	7.61E-03	2.40E-06	6.99E-07	1.92E-04	6.04E-08	1.76E-08	7.90E-03	2.49E-06	7.25E-07	8.76E-05	2.77E-08	8.05E-09
4697	492363.09, 3860377.25	6.66E-03	2.10E-06	6.11E-07	1.72E-04	5.44E-08	1.58E-08	6.69E-03	2.11E-06	6.14E-07	1.99E-04	6.28E-08	1.83E-08	6.92E-03	2.18E-06	6.35E-07	9.10E-05	2.87E-08	8.36E-09
4698	492863.09, 3860377.25	5.92E-03	1.87E-06	5.43E-07	1.80E-04	5.68E-08	1.65E-08	5.95E-03	1.88E-06	5.46E-07	2.08E-04	6.56E-08	1.91E-08	6.13E-03	1.94E-06	5.63E-07	9.49E-05	2.99E-08	8.71E-09
4699	493363.09, 3860377.25	5.26E-03	1.66E-06	4.83E-07	1.90E-04	6.01E-08	1.75E-08	5.30E-03	1.67E-06	4.86E-07	2.20E-04	6.95E-08	2.02E-08	5.43E-03	1.72E-06	4.99E-07	1.00E-04	3.17E-08	9.21E-09
4700	493863.09, 3860377.25	4.82E-03	1.52E-06	4.42E-07	1.91E-04	6.04E-08	1.76E-08	4.85E-03	1.53E-06	4.45E-07	2.21E-04	6.98E-08	2.03E-08	4.96E-03	1.57E-06	4.55E-07	1.01E-04	3.18E-08	9.25E-09
4701	494363.09, 3860377.25	4.34E-03	1.37E-06	3.99E-07	1.89E-04	5.98E-08	1.74E-08	4.38E-03	1.38E-06	4.02E-07	2.19E-04	6.91E-08	2.01E-08	4.46E-03	1.41E-06	4.10E-07	9.98E-05	3.15E-08	9.17E-09
4702	494863.09, 3860377.25	4.03E-03	1.27E-06	3.70E-07	1.83E-04	5.77E-08	1.68E-08	4.06E-03	1.28E-06	3.73E-07	2.11E-04	6.67E-08	1.94E-08	4.13E-03	1.31E-06	3.80E-07	9.64E-05	3.04E-08	8.85E-09
4703	495363.09, 3860377.25	3.67E-03	1.16E-06	3.37E-07	1.78E-04	5.61E-08	1.63E-08	3.70E-03	1.17E-06	3.40E-07	2.06E-04	6.49E-08	1.89E-08	3.76E-03	1.19E-06	3.45E-07	9.38E-05	2.96E-08	8.61E-09
4704	495863.09, 3860377.25	3.20E-03	1.01E-06	2.94E-07	1.72E-04	5.43E-08	1.58E-08	3.23E-03	1.02E-06	2.97E-07	1.99E-04	6.28E-08	1.83E-08	3.27E-03	1.03E-06	3.00E-07	9.08E-05	2.87E-08	8.34E-09
4705	496363.09, 3860377.25	2.77E-03	8.75E-07	2.54E-07	1.65E-04	5.21E-08	1.51E-08	2.80E-03	8.84E-07	2.57E-07	1.91E-04	6.01E-08	1.75E-08	2.82E-03	8.89E-07	2.59E-07	8.71E-05	2.75E-08	8.00E-09
4706	496863.09, 3860377.25	2.45E-03	7.73E-07	2.25E-07	1.58E-04	4.98E-08	1.45E-08	2.47E-03	7.81E-07	2.27E-07	1.82E-04	5.75E-08	1.67E-08	2.48E-03	7.82E-07	2.28E-07	8.34E-05	2.63E-08	7.66E-09
4707	497363.09, 3860377.25	2.11E-03	6.67E-07	1.94E-07	1.47E-04	4.62E-08	1.35E-08	2.14E-03	6.75E-07	1.96E-07	1.69E-04	5.34E-08	1.55E-08	2.13E-03	6.73E-07	1.96E-07	7.76E-05	2.45E-08	7.12E-09
4708	497863.09, 3860377.25	2.32E-03	7.34E-07	2.13E-07	1.53E-04	4.82E-08	1.40E-08	2.35E-03	7.42E-07	2.16E-07	1.76E-04	5.57E-08	1.62E-08	2.35E-03	7.43E-07	2.16E-07	8.07E-05	2.55E-08	7.41E-09
4709	498363.09, 3860377.25	2.43E-03	7.67E-07	2.23E-07	1.52E-04	4.79E-08	1.39E-08	2.46E-03	7.75E-07	2.26E-07	1.75E-04	5.54E-08	1.61E-08	2.47E-03	7.78E-07	2.26E-07	8.02E-05	2.53E-08	7.36E-09
4710	471363.09, 3860877.25	3.31E-04	1.05E-07	3.04E-08	3.71E-05	1.17E-08	3.41E-09	3.38E-04	1.07E-07	3.10E-08	4.29E-05	1.35E-08	3.94E-09	3.26E-04	1.03E-07	2.99E-08	1.96E-05	6.17E-09	1.80E-09
4711	471863.09, 3860877.25	3.52E-04	1.11E-07	3.23E-08	3.92E-05	1.24E-08	3.60E-09	3.59E-04	1.13E-07	3.30E-08	4.53E-05	1.43E-08	4.16E-09	3.46E-04	1.09E-07	3.18E-08	2.06E-05	6.52E-09	1.90E-09
4712	472363.09, 3860877.25	3.73E-04	1.18E-07	3.42E-08	4.17E-05	1.32E-08	3.83E-09	3.80E-04	1.20E-07	3.49E-08	4.82E-05	1.52E-08	4.42E-09	3.67E-04	1.16E-07	3.37E-08	2.19E-05	6.92E-09	2.01E-09
4713	472863.09, 3860877.25	3.98E-04	1.26E-07	3.66E-08	4.47E-05	1.41E-08	4.10E-09	4.06E-04	1.28E-07	3.73E-08	5.17E-05	1.63E-08	4.74E-09	3.92E-04	1.24E-07	3.60E-08	2.35E-05	7.42E-09	2.16E-09
4714	473363.09, 3860877.25	4.19E-04	1.32E-07	3.84E-08	4.81E-05	1.52E-08	4.41E-09	4.27E-04	1.35E-07	3.92E-08	5.56E-05	1.75E-08	5.10E-09	4.11E-04	1.30E-07	3.77E-08	2.53E-05	7.98E-09	2.32E-09
4715	473863.09, 3860877.25	4.37E-04	1.38E-07	4.01E-08	5.16E-05	1.63E-08	4.73E-09	4.46E-04	1.41E-07	4.10E-08	5.96E-05	1.88E-08	5.47E-09	4.28E-04	1.35E-07	3.93E-08	2.71E-05	8.56E-09	2.49E-09
4716	474363.09, 3860877.25	4.52E-04	1.43E-07	4.15E-08	5.48E-05	1.73E-08	5.03E-09	4.62E-04	1.46E-07	4.24E-08	6.33E-05	2.00E-08	5.81E-09	4.42E-04	1.39E-07	4.06E-08	2.88E-05	9.09E-09	2.64E-09
4717	474863.09, 3860877.25	4.74E-04	1.50E-07	4.36E-08	5.74E-05	1.81E-08	5.27E-09	4.84E-04	1.53E-07	4.45E-08	6.64E-05	2.10E-08	6.09E-09	4.63E-04	1.46E-07	4.25E-08	3.02E-05	9.54E-09	2.78E-09
4718	475363.09, 3860877.25	4.67E-04	1.47E-07	4.28E-08	5.89E-05	1.86E-08	5.40E-09	4.77E-04	1.50E-07	4.38E-08	6.80E-05	2.15E-08	6.25E-09	4.54E-04	1.43E-07	4.17E-08	3.10E-05	9.80E-09	2.85E-09
4719	475863.09, 3860877.25	4.34E-04	1.37E-07	3.98E-08	5.82E-05	1.84E-08	5.35E-09	4.44E-04	1.40E-07	4.07E-08	6.73E-05	2.12E-08	6.18E-09	4.19E-04	1.32E-07	3.85E-08	3.08E-05	9.71E-09	2.83E-09
4720	476363.09, 3860877.25	3.82E-04	1.21E-07	3.51E-08	5.47E-05	1.73E-08	5.02E-09	3.91E-04	1.24E-07	3.59E-08	6.32E-05	1.99E-08	5.80E-09	3.67E-04	1.16E-07	3.37E-08	2.90E-05	9.14E-09	2.66E-09
4721	476863.09, 3860877.25	3.63E-04	1.15E-07	3.33E-08	5.37E-05	1.70E-08	4.93E-09	3.72E-04	1.17E-07	3.42E-08	6.20E-05	1.96E-08	5.70E-09	3.47E-04	1.10E-07	3.19E-08	2.84E-05	8.98E-09	2.61E-09
4722	477363.09, 3860877.25	3.72E-04	1.17E-07	3.41E-08	5.60E-05	1.77E-08	5.14E-09	3.81E-04	1.20E-07	3.50E-08	6.46E-05	2.04E-08	5.93E-09	3.55E-04	1.12E-07	3.26E-08	2.96E-05	9.35E-09	2.72E-09
4723	477863.09, 3860877.25	3.23E-04	1.02E-07	2.96E-08	4.99E-05	1.58E-08	4.58E-09	3.31E-04	1.05E-07	3.04E-08	5.77E-05	1.82E-08	5.29E-09	3.07E-04	9.70E-08	2.82E-08	2.64E-05	8.35E-09	2.43E-09
4724	478363.09, 3860877.25	2.19E-04	6.92E-08	2.01E-08	2.98E-05	9.40E-09	2.73E-09	2.24E-04	7.08E-08	2.06E-08	3.43E-05	1.08E-08	3.15E-09	2.11E-04	6.65E-08	1.94E-08	1.59E-05	5.01E-09	1.46E-09
4725	478863.09, 3860877.25	4.19E-04	1.32E-07	3.85E-08	6.40E-05	2.02E-08	5.88E-09	4.30E-04	1.36E-07	3.95E-08	7.40E-05	2.33E-08	6.79E-09	4.00E-04	1.26E-07	3.67E-08	3.39E-05	1.07E-08	3.11E-09
4726	479363.09, 3860877.25	6.24E-04	1.97E-07	5.73E-08	8.01E-05	2.53E-08	7.36E-09	6.38E-04	2.01E-07	5.85E-08	9.26E-05	2.92E-08	8.50E-09	6.06E-04	1.91E-07	5.57E-08	4.23E-05	1.33E-08	3.88E-09
4727	479863.09, 3860877.25	8.34E-04	2.63E-07	7.66E-08	8.73E-05	2.75E-08	8.01E-09	8.49E-04	2.68E-07	7.79E-08	1.01E-04	3.18E-08	9.26E-09	8.24E-04	2.60E-07	7.56E-08	4.59E-05	1.45E-08	4.21E-09
4728	480363.09, 3860877.25	1.02E-03	3.22E-07	9.38E-08	9.29E-05	2.93E-08	8.52E-09	1.04E-03	3.27E-07	9.52E-08	1.07E-04	3.39E-08	9.86E-09	1.02E-03	3.21E-07	9.35E-08	4.88E-05	1.54E-08	4.48E-09
4729	480863.09, 3860877.25	1.15E-03	3.64E-07	1.06E-07	9.90E-05	3.13E-08	9.09E-09	1.17E-03	3.70E-07	1.07E-07	1.15E-04	3.62E-08	1.05E-08	1.15E-03	3.64E-07	1.06E-07	5.20E-05	1.64E-08	4.77E-09
4730	481363.09, 3860877.25	1.30E-03	4.09E-07	1.19E-07	1.07E-04	3.39E-08	9.85E-09	1.32E-03	4.15E-07	1.21E-07	1.24E-04	3.92E-08	1.14E-08	1.30E-03	4.10E-07	1.19E-07	5.63E-05	1.78E-08	5.17E-09
4731	481863.09, 3860877.25	1.42E-03	4.48E-07	1.30E-07	1.17E-04	3.68E-08	1.07E-08	1.44E-03	4.54E-07	1.32E-07	1.35E-04	4.26E-08	1.24E-08	1.42E-03	4.49E-07	1.31E-07	6.12E-05	1.93E-08	5.61E-09
4732	482363.09, 3860877.25	1.58E-03	5.00E-07	1.45E-07	1.24E-04	3.91E-08	1.14E-08	1.60E-03	5.06E-07	1.47E-07	1.43E-04	4.52E-08	1.32E-08	1.59E-03	5.03E-07	1.46E-07	6.50E-05	2.05E-08	5.97E-09
4733	482863.09, 3860877.25	1.73E-03	5.46E-07	1.59E-07	1.31E-04	4.12E-08	1.20E-08	1.75E-03	5.53E-07	1.61E-07	1.51E-04	4.77E-08	1.39E-08	1.74E-03	5.50E-07	1.60E-07	6.85E-05	2.16E-08	6.29E-09
4734	483363.09, 3860877.25	1.89E-03	5.97E-07	1.74E-07	1.39E-04	4.40E-08	1.28E-08	1.92E-03	6.05E-07	1.76E-07	1.61E-04	5.08E-08	1.48E-08	1.91E-03	6.02E-07	1.75E-07	7.30E-05	2.30E-08	6.70E-09
4735	483863.09, 3860877.25	2.08E-03	6.57E-07	1.91E-07	1.44E-04	4.55E-08	1.32E-08	2.11E-03	6.65E-07	1.94E-07	1.67E-04	5.27E-08	1.53E-08	2.11E-03	6.65E-07	1.93E-07	7.56E-05	2.39E-08	6.94E-09
4736	484363.09, 3860877.25	2.37E-03	7.49E-07	2.18E-07	1.44E-04	4.55E-08	1.32E-08	2.40E-03	7.56E-07	2.20E-07	1.67E-04	5.26E-08	1.53E-08	2.41E-03	7.61E-07	2.21E-07	7.56E-05	2.39E-08	6.94E-09
4737	484863.09, 3860877.25	2.68E-03	8.47E-07	2.46E-07	1.39E-04	4.39E-08	1.28E-08	2.71E-03	8.55E-07	2.49E-07	1.61E-04	5.07E-08	1.48E-08	2.75E-03	8.66E-07	2.52E-07	7.29E-05	2.30E-08	6.69E-09
4738	485363.09, 3860877.25	3.06E-03	9.64E-07	2.80E-07	1.35E-04	4.25E-08	1.23E-08	3.08E-03	9.72E-07	2.83E-07	1.56E-04	4.91E-08	1.43E-08	3.14E-03	9.91E-07	2.88E-07	7.06E-05	2.23E-08	6.48E-09
4739	485863.09, 3860877.25	3.52E-03	1.11E-06	3.23E-07	1.34E-04	4.23E-08	1.23E-08	3.54E-03	1.12E-06	3.25E-07	1.55E-04	4.89E-08	1.42E-08	3.63E-03	1.15E-06	3.33E-07	7.03E-05	2.22E-08	6.45E-09
4740	486363.09, 3860877.25	4.04E-03	1.28E-06	3.71E-07	1.29E-04	4.08E-08	1.19E-08	4.07E-03	1.28E-06	3.73E-07	1.50E-04	4.72E-08	1.37E-08	4.19E-03	1.32E-06	3.84E-07	6.79E-05	2.14E-08	6.23E-09
4741	486863.09, 3860877.25	4.85E-03	1.53E-06	4.45E-07	1.28E-04	4.04E-08	1.18E-08	4.87E-03	1.54E-06	4.47E-07	1.48E-04	4.68E-08	1.36E-08	5.04E-03	1.59E-06	4.62E-07	6.73E-05	2.12E-08	6.18E-09
4742	487363.09, 3860877.25	6.22E-03	1.96E-06	5.71E-07	1.29E-04	4.08E-08	1.19E-08	6.25E-03	1.97E-06	5.73E-07	1.50E-04	4.72E-08	1.37E-08	6.49E-03	2.05E-06	5.96E-07	6.80E-05	2.15E-08	6.24E-09
4743	487863.09, 3860877.25	7.88E-03	2.49E-06	7.23E-07	1.31E-04	4.13E-08	1.20E-08	7.90E-03	2.49E-06	7.25E-07	1.51E-04	4.77E-08	1.39E-08	8.23E-03	2.60E-06	7.56E-07	6.90E-05	2.18E-08	6.34E-09
4744	488363.09, 3860877.25	9.85E-03	3.11E-06	9.04E-07	1.35E-04	4.27E-08	1.24E-08	9.87E-03	3.11E-06	9.06E-07	1.56E-04	4.93E-08	1.44E-08	1.03E-02	3.25E-06	9.46E-07	7.15E-05	2.26E-08	6.56E-09
4745	488863.09, 3860877.25	1.05E-02	3.30E-06	9.60E-07	1.38E-04	4.35E-08	1.26E-08	1.05E-02	3.31E-06	9.62E-07	1.59E-04	5.02E-08	1.46E-08	1.10E-02	3.46E-06	1.01E-06	7.26E-05	2.29E-08	6.66E-09
4746	489363.09, 3860877.25	1.04E-02	3.28E-06	9.54E-07	1.44E-04	4.53E-08	1.32E-08	1.04E-02	3.29E-06	9.56E-07	1.66E-04	5.24E-08	1.52E-08	1.09E-02	3.43E-06	9.99E-07	7.58E-05	2.39E-08	6.96E-09
4747	489863.09, 3860877.25	9.27E-03	2.93E-06	8.51E-07	1.43E-04	4.51E-08	1.31E-08	9.30E-03	2.93E-06	8.54E-07	1.65E-04	5.21E-08	1.51E-08	9.70E-03	3.06E-06	8.90E-07	7.53E-05	2.38E-08	6.91E-09
4748	490363.09, 3860877.25	8.18E-03	2.58E-06	7.51E-07	1.45E-04	4.59E-08	1.34E-08	8.20E-03	2.59E-06	7.53E-07	1.68E-04	5.31E-08	1.54E-08	8.54E-03	2.70E-06	7.84E-07	7.67E-05	2.42E-08	7.04E-09

4749	490863.09, 3860877.25	7.18E-03	2.27E-06	6.59E-07	1.52E-04	4.80E-08	1.40E-08	7.21E-03	2.27E-06	6.62E-07	1.76E-04	5.55E-08	1.61E-08	7.48E-03	2.36E-06	6.87E-07	8.01E-05	2.53E-08	7.35E-09
4750	491363.09, 3860877.25	6.39E-03	2.02E-06	5.86E-07	1.47E-04	4.65E-08	1.35E-08	6.41E-03	2.02E-06	5.89E-07	1.70E-04	5.37E-08	1.56E-08	6.65E-03	2.10E-06	6.10E-07	7.76E-05	2.45E-08	7.12E-09
4751	491863.09, 3860877.25	5.75E-03	1.81E-06	5.28E-07	1.38E-04	4.37E-08	1.27E-08	5.77E-03	1.82E-06	5.30E-07	1.60E-04	5.05E-08	1.47E-08	5.98E-03	1.89E-06	5.49E-07	7.30E-05	2.30E-08	6.70E-09
4752	492363.09, 3860877.25	5.10E-03	1.61E-06	4.68E-07	1.33E-04	4.20E-08	1.22E-08	5.13E-03	1.62E-06	4.71E-07	1.54E-04	4.85E-08	1.41E-08	5.30E-03	1.67E-06	4.87E-07	7.01E-05	2.21E-08	6.44E-09
4753	492863.09, 3860877.25	4.68E-03	1.48E-06	4.30E-07	1.35E-04	4.25E-08	1.24E-08	4.70E-03	1.48E-06	4.32E-07	1.56E-04	4.91E-08	1.43E-08	4.85E-03	1.53E-06	4.46E-07	7.10E-05	2.24E-08	6.52E-09
4754	493363.09, 3860877.25	4.36E-03	1.38E-06	4.00E-07	1.41E-04	4.45E-08	1.30E-08	4.38E-03	1.38E-06	4.02E-07	1.63E-04	5.15E-08	1.50E-08	4.51E-03	1.42E-06	4.14E-07	7.43E-05	2.35E-08	6.83E-09
4755	493863.09, 3860877.25	4.02E-03	1.27E-06	3.69E-07	1.47E-04	4.65E-08	1.35E-08	4.05E-03	1.28E-06	3.72E-07	1.70E-04	5.38E-08	1.56E-08	4.15E-03	1.31E-06	3.81E-07	7.76E-05	2.45E-08	7.12E-09
4756	494363.09, 3860877.25	3.74E-03	1.18E-06	3.44E-07	1.53E-04	4.83E-08	1.40E-08	3.77E-03	1.19E-06	3.46E-07	1.77E-04	5.58E-08	1.62E-08	3.85E-03	1.22E-06	3.54E-07	8.05E-05	2.54E-08	7.39E-09
4757	494863.09, 3860877.25	3.50E-03	1.10E-06	3.21E-07	1.55E-04	4.90E-08	1.43E-08	3.53E-03	1.11E-06	3.24E-07	1.80E-04	5.67E-08	1.65E-08	3.60E-03	1.13E-06	3.30E-07	8.18E-05	2.58E-08	7.51E-09
4758	495363.09, 3860877.25	3.28E-03	1.03E-06	3.01E-07	1.54E-04	4.86E-08	1.41E-08	3.30E-03	1.04E-06	3.03E-07	1.78E-04	5.62E-08	1.63E-08	3.36E-03	1.06E-06	3.08E-07	8.10E-05	2.56E-08	7.44E-09
4759	495863.09, 3860877.25	3.07E-03	9.70E-07	2.82E-07	1.50E-04	4.72E-08	1.37E-08	3.10E-03	9.78E-07	2.85E-07	1.73E-04	5.46E-08	1.59E-08	3.15E-03	9.94E-07	2.89E-07	7.88E-05	2.49E-08	7.24E-09
4760	496363.09, 3860877.25	2.87E-03	9.06E-07	2.63E-07	1.47E-04	4.64E-08	1.35E-08	2.89E-03	9.13E-07	2.66E-07	1.70E-04	5.37E-08	1.56E-08	2.93E-03	9.26E-07	2.69E-07	7.75E-05	2.45E-08	7.12E-09
4761	496863.09, 3860877.25	2.54E-03	8.02E-07	2.33E-07	1.43E-04	4.52E-08	1.32E-08	2.57E-03	8.10E-07	2.36E-07	1.66E-04	5.23E-08	1.52E-08	2.59E-03	8.18E-07	2.38E-07	7.55E-05	2.38E-08	6.94E-09
4762	497363.09, 3860877.25	2.41E-03	7.60E-07	2.21E-07	1.40E-04	4.41E-08	1.28E-08	2.43E-03	7.68E-07	2.23E-07	1.62E-04	5.10E-08	1.48E-08	2.45E-03	7.74E-07	2.25E-07	7.37E-05	2.33E-08	6.76E-09
4763	497863.09, 3860877.25	2.24E-03	7.08E-07	2.06E-07	1.36E-04	4.30E-08	1.25E-08	2.27E-03	7.15E-07	2.08E-07	1.57E-04	4.97E-08	1.45E-08	2.28E-03	7.19E-07	2.09E-07	7.19E-05	2.27E-08	6.60E-09
4764	498363.09, 3860877.25	2.24E-03	7.06E-07	2.05E-07	1.34E-04	4.24E-08	1.23E-08	2.26E-03	7.13E-07	2.07E-07	1.55E-04	4.90E-08	1.42E-08	2.27E-03	7.18E-07	2.09E-07	7.08E-05	2.23E-08	6.50E-09
4765	471363.09, 3861377.25	3.46E-04	1.09E-07	3.18E-08	3.74E-05	1.18E-08	3.44E-09	3.52E-04	1.11E-07	3.23E-08	4.33E-05	1.37E-08	3.97E-09	3.41E-04	1.08E-07	3.13E-08	1.97E-05	6.23E-09	1.81E-09
4766	471863.09, 3861377.25	3.64E-04	1.15E-07	3.34E-08	3.98E-05	1.26E-08	3.66E-09	3.70E-04	1.17E-07	3.40E-08	4.61E-05	1.45E-08	4.23E-09	3.58E-04	1.13E-07	3.28E-08	2.10E-05	6.63E-09	1.93E-09
4767	472363.09, 3861377.25	3.82E-04	1.21E-07	3.51E-08	4.26E-05	1.34E-08	3.91E-09	3.89E-04	1.23E-07	3.57E-08	4.92E-05	1.55E-08	4.52E-09	3.75E-04	1.18E-07	3.45E-08	2.24E-05	7.08E-09	2.06E-09
4768	472863.09, 3861377.25	4.04E-04	1.28E-07	3.71E-08	4.54E-05	1.43E-08	4.17E-09	4.12E-04	1.30E-07	3.78E-08	5.25E-05	1.66E-08	4.82E-09	3.97E-04	1.25E-07	3.65E-08	2.39E-05	7.55E-09	2.19E-09
4769	473363.09, 3861377.25	4.25E-04	1.34E-07	3.90E-08	4.80E-05	1.52E-08	4.41E-09	4.33E-04	1.37E-07	3.97E-08	5.55E-05	1.75E-08	5.10E-09	4.17E-04	1.32E-07	3.83E-08	2.53E-05	7.98E-09	2.32E-09
4770	473863.09, 3861377.25	4.41E-04	1.39E-07	4.05E-08	5.03E-05	1.59E-08	4.61E-09	4.49E-04	1.42E-07	4.12E-08	5.81E-05	1.83E-08	5.33E-09	4.32E-04	1.36E-07	3.97E-08	2.65E-05	8.35E-09	2.43E-09
4771	474363.09, 3861377.25	4.68E-04	1.48E-07	4.30E-08	5.21E-05	1.64E-08	4.78E-09	4.77E-04	1.51E-07	4.38E-08	6.02E-05	1.90E-08	5.53E-09	4.60E-04	1.45E-07	4.22E-08	2.74E-05	8.66E-09	2.52E-09
4772	474863.09, 3861377.25	4.80E-04	1.51E-07	4.40E-08	5.35E-05	1.69E-08	4.91E-09	4.89E-04	1.54E-07	4.49E-08	6.19E-05	1.95E-08	5.68E-09	4.72E-04	1.49E-07	4.33E-08	2.82E-05	8.90E-09	2.59E-09
4773	475363.09, 3861377.25	5.08E-04	1.60E-07	4.66E-08	5.53E-05	1.75E-08	5.08E-09	5.18E-04	1.63E-07	4.75E-08	6.39E-05	2.02E-08	5.87E-09	5.00E-04	1.58E-07	4.59E-08	2.91E-05	9.20E-09	2.68E-09
4774	475863.09, 3861377.25	5.11E-04	1.61E-07	4.69E-08	5.71E-05	1.80E-08	5.24E-09	5.21E-04	1.64E-07	4.78E-08	6.60E-05	2.08E-08	6.06E-09	5.02E-04	1.58E-07	4.61E-08	3.01E-05	9.50E-09	2.76E-09
4775	476363.09, 3861377.25	4.96E-04	1.56E-07	4.55E-08	5.88E-05	1.86E-08	5.40E-09	5.06E-04	1.60E-07	4.64E-08	6.80E-05	2.15E-08	6.24E-09	4.85E-04	1.53E-07	4.45E-08	3.10E-05	9.79E-09	2.85E-09
4776	476863.09, 3861377.25	4.87E-04	1.54E-07	4.47E-08	6.06E-05	1.91E-08	5.56E-09	4.97E-04	1.57E-07	4.56E-08	7.00E-05	2.21E-08	6.43E-09	4.74E-04	1.50E-07	4.35E-08	3.20E-05	1.01E-08	2.93E-09
4777	477363.09, 3861377.25	4.86E-04	1.54E-07	4.47E-08	6.24E-05	1.97E-08	5.73E-09	4.97E-04	1.57E-07	4.56E-08	7.21E-05	2.28E-08	6.62E-09	4.72E-04	1.49E-07	4.34E-08	3.29E-05	1.04E-08	3.02E-09
4778	477863.09, 3861377.25	3.98E-04	1.25E-07	3.65E-08	5.74E-05	1.81E-08	5.27E-09	4.07E-04	1.29E-07	3.74E-08	6.63E-05	2.09E-08	6.09E-09	3.81E-04	1.20E-07	3.50E-08	3.04E-05	9.59E-09	2.79E-09
4779	478363.09, 3861377.25	2.52E-04	7.94E-08	2.31E-08	3.65E-05	1.15E-08	3.35E-09	2.58E-04	8.13E-08	2.37E-08	4.21E-05	1.33E-08	3.87E-09	2.41E-04	7.59E-08	2.21E-08	1.94E-05	6.13E-09	1.78E-09
4780	478863.09, 3861377.25	3.06E-04	9.65E-08	2.81E-08	4.45E-05	1.41E-08	4.09E-09	3.13E-04	9.89E-08	2.88E-08	5.14E-05	1.62E-08	4.72E-09	2.92E-04	9.23E-08	2.69E-08	2.37E-05	7.47E-09	2.17E-09
4781	479363.09, 3861377.25	5.84E-04	1.84E-07	5.36E-08	7.00E-05	2.21E-08	6.42E-09	5.96E-04	1.88E-07	5.47E-08	8.08E-05	2.55E-08	7.42E-09	5.70E-04	1.80E-07	5.23E-08	3.70E-05	1.17E-08	3.40E-09
4782	479863.09, 3861377.25	7.98E-04	2.52E-07	7.33E-08	7.87E-05	2.48E-08	7.22E-09	8.11E-04	2.56E-07	7.45E-08	9.09E-05	2.87E-08	8.35E-09	7.91E-04	2.50E-07	7.27E-08	4.14E-05	1.31E-08	3.80E-09
4783	480363.09, 3861377.25	9.96E-04	3.14E-07	9.15E-08	8.45E-05	2.67E-08	7.76E-09	1.01E-03	3.19E-07	9.28E-08	9.77E-05	3.08E-08	8.97E-09	9.97E-04	3.15E-07	9.15E-08	4.44E-05	1.40E-08	4.08E-09
4784	480863.09, 3861377.25	1.12E-03	3.53E-07	1.03E-07	9.06E-05	2.86E-08	8.32E-09	1.13E-03	3.58E-07	1.04E-07	1.05E-04	3.31E-08	9.62E-09	1.12E-03	3.55E-07	1.03E-07	4.76E-05	1.50E-08	4.37E-09
4785	481363.09, 3861377.25	1.24E-03	3.91E-07	1.14E-07	9.74E-05	3.07E-08	8.94E-09	1.25E-03	3.96E-07	1.15E-07	1.13E-04	3.55E-08	1.03E-08	1.24E-03	3.93E-07	1.14E-07	5.11E-05	1.61E-08	4.69E-09
4786	481863.09, 3861377.25	1.34E-03	4.22E-07	1.23E-07	1.04E-04	3.29E-08	9.57E-09	1.35E-03	4.27E-07	1.24E-07	1.21E-04	3.81E-08	1.11E-08	1.34E-03	4.24E-07	1.23E-07	5.47E-05	1.73E-08	5.02E-09
4787	482363.09, 3861377.25	1.44E-03	4.55E-07	1.32E-07	1.09E-04	3.46E-08	1.01E-08	1.46E-03	4.61E-07	1.34E-07	1.27E-04	4.00E-08	1.16E-08	1.45E-03	4.58E-07	1.33E-07	5.75E-05	1.81E-08	5.28E-09
4788	482863.09, 3861377.25	1.56E-03	4.91E-07	1.43E-07	1.15E-04	3.63E-08	1.06E-08	1.57E-03	4.97E-07	1.45E-07	1.33E-04	4.20E-08	1.22E-08	1.57E-03	4.95E-07	1.44E-07	6.04E-05	1.91E-08	5.54E-09
4789	483363.09, 3861377.25	1.68E-03	5.30E-07	1.54E-07	1.21E-04	3.81E-08	1.11E-08	1.70E-03	5.37E-07	1.56E-07	1.40E-04	4.41E-08	1.28E-08	1.70E-03	5.35E-07	1.56E-07	6.33E-05	2.00E-08	5.81E-09
4790	483863.09, 3861377.25	1.83E-03	5.78E-07	1.68E-07	1.23E-04	3.88E-08	1.13E-08	1.85E-03	5.84E-07	1.70E-07	1.42E-04	4.49E-08	1.31E-08	1.85E-03	5.85E-07	1.70E-07	6.45E-05	2.04E-08	5.92E-09
4791	484363.09, 3861377.25	2.00E-03	6.31E-07	1.84E-07	1.25E-04	3.94E-08	1.15E-08	2.02E-03	6.38E-07	1.86E-07	1.44E-04	4.56E-08	1.33E-08	2.03E-03	6.41E-07	1.87E-07	6.55E-05	2.07E-08	6.01E-09
4792	484863.09, 3861377.25	2.26E-03	7.14E-07	2.08E-07	1.20E-04	3.78E-08	1.10E-08	2.28E-03	7.20E-07	2.10E-07	1.39E-04	4.37E-08	1.27E-08	2.31E-03	7.30E-07	2.12E-07	6.28E-05	1.98E-08	5.77E-09
4793	485363.09, 3861377.25	2.49E-03	7.86E-07	2.29E-07	1.14E-04	3.60E-08	1.05E-08	2.51E-03	7.92E-07	2.30E-07	1.32E-04	4.16E-08	1.21E-08	2.56E-03	8.07E-07	2.35E-07	5.98E-05	1.89E-08	5.49E-09
4794	485863.09, 3861377.25	2.77E-03	8.73E-07	2.54E-07	1.12E-04	3.52E-08	1.02E-08	2.79E-03	8.79E-07	2.56E-07	1.29E-04	4.07E-08	1.18E-08	2.85E-03	8.99E-07	2.62E-07	5.85E-05	1.85E-08	5.37E-09
4795	486363.09, 3861377.25	3.05E-03	9.63E-07	2.80E-07	1.09E-04	3.44E-08	1.00E-08	3.07E-03	9.69E-07	2.82E-07	1.26E-04	3.97E-08	1.16E-08	3.15E-03	9.95E-07	2.89E-07	5.71E-05	1.80E-08	5.25E-09
4796	486863.09, 3861377.25	3.42E-03	1.08E-06	3.14E-07	1.09E-04	3.43E-08	9.97E-09	3.44E-03	1.08E-06	3.16E-07	1.26E-04	3.96E-08	1.15E-08	3.54E-03	1.12E-06	3.25E-07	5.69E-05	1.80E-08	5.23E-09
4797	487363.09, 3861377.25	3.86E-03	1.22E-06	3.55E-07	1.10E-04	3.46E-08	1.01E-08	3.88E-03	1.23E-06	3.56E-07	1.27E-04	4.00E-08	1.16E-08	4.01E-03	1.27E-06	3.68E-07	5.75E-05	1.82E-08	5.28E-09
4798	487863.09, 3861377.25	4.16E-03	1.31E-06	3.82E-07	1.11E-04	3.50E-08	1.02E-08	4.17E-03	1.32E-06	3.83E-07	1.28E-04	4.05E-08	1.18E-08	4.32E-03	1.36E-06	3.96E-07	5.83E-05	1.84E-08	5.36E-09
4799	488363.09, 3861377.25	4.24E-03	1.34E-06	3.89E-07	1.09E-04	3.44E-08	1.00E-08	4.25E-03	1.34E-06	3.91E-07	1.26E-04	3.98E-08	1.16E-08	4.40E-03	1.39E-06	4.04E-07	5.74E-05	1.81E-08	5.27E-09
4800	488863.09, 3861377.25	4.40E-03	1.39E-06	4.04E-07	1.12E-04	3.55E-08	1.03E-08	4.42E-03	1.40E-06	4.06E-07	1.30E-04	4.10E-08	1.19E-08	4.58E-03	1.44E-06	4.20E-07	5.90E-05	1.86E-08	5.42E-09
4801	489363.09, 3861377.25	4.51E-03	1.42E-06	4.14E-07	1.16E-04	3.65E-08	1.06E-08	4.53E-03	1.43E-06	4.16E-07	1.34E-04	4.22E-08	1.23E-08	4.69E-03	1.48E-06	4.31E-07	6.07E-05	1.92E-08	5.57E-09
4802	489863.09, 3861377.25	4.57E-03	1.44E-06	4.20E-07	1.18E-04	3.73E-08	1.08E-08	4.60E-03	1.45E-06	4.22E-07	1.37E-04	4.31E-08	1.25E-08	4.75E-03	1.50E-06	4.37E-07	6.20E-05	1.96E-08	5.69E-09
4803	490363.09, 3861377.25	4.48E-03	1.41E-06	4.11E-07	1.19E-04	3.76E-08	1.09E-08	4.50E-03	1.42E-06	4.13E-07	1.38E-04	4.35E-08	1.27E-08	4.65E-03	1.47E-06	4.27E-07	6.27E-05	1.98E-08	5.75E-09
4804	490863.09, 3861377.25	4.38E-03	1.38E-06	4.02E-07	1.21E-04	3.81E-08	1.11E-08	4.40E-03	1.39E-06	4.04E-07	1.40E-04	4.41E-08	1.28E-08	4.54E-03	1.43E-06	4.17E-07	6.35E-05	2.00E-08	5.83E-09
4805	491363.09, 3861377.25	4.20E-03	1.33E-06	3.85E-07	1.27E-04	4.00E-08	1.16E-08	4.22E-03	1.33E-06	3.87E-07	1.46E-04	4.62E-08	1.34E-08	4.35E-03	1.37E-06	3.99E-07	6.65E-05	2.10E-08	6.11E-09
4806	491863.09, 3861377.25	4.01E-03	1.27E-06	3.68E-07	1.24E-04	3.92E-08	1.14E-08	4.03E-03	1.27E-06	3.70E-07	1.44E-04	4.54E-08	1.32E-08	4.15E-03	1.31E-06	3.81E-07	6.54E-05	2.06E-08	6.00E-09
4807	492363.09, 3861377.25	3.82E-03	1.21E-06	3.51E-07	1.17E-04	3.68E-08	1.07E-08	3.84E-03	1.21E-06	3.53E-07	1.35E-04	4.26E-08	1.24E-08	3.96E-03	1.25E-06	3.64E-07	6.14E-05	1.94E-08	5.63E-09
4808	492863.09, 3861377.25	3.62E-03	1.14E-06	3.32E-07	1.12E-04	3.55E-08	1.03E-08	3.63E-03	1.15E-06	3.34E-07	1.30E-04	4.10E-08	1.19E-08	3.74E-03	1.18E-06	3.44E-07	5.92E-05	1.87E-08	5.43E-09
4809	493363.09, 3861377.25	3.41E-03	1.08E-06	3.13E-07	1.12E-04	3.55E-08	1.03E-08	3.43E-03	1.08E-06	3.15E-07	1.30E-04	4.10E-08	1.19E-08	3.53E-03	1.11E-06	3.24E-07	5.91E-05	1.87E-08	5.43E-09
4810	493863.09, 3861377.25	3.21E-03	1.01E-06	2.95E-07	1.13E-04	3.58E-08	1.04E-08	3.23E-03	1.02E-06	2.97E-07	1.31E-04	4.14E-08	1.20E-08	3.32E-03	1.05E-06	3.05E-07	5.97E-05	1.89E-08	5.48E-09
4811	494363.09, 3861377.25	3.04E-03	9.59E-07	2.79E-07	1.17E-04	3.70E-08	1.07E-08	3.06E-03	9.65E-07	2.81E-07	1.35E-04	4.27E-08	1.24E-08	3.13E-03	9.88E-07	2.87E-07	6.16E-05	1.94E-08	5.65E-09
4812	494863.09, 3861377.25	2.88E-03	9.10E-07	2.65E-07	1.22E-04	3.87E-08	1.12E-08	2.90E-03	9.16E-07	2.67E-07	1.42E-04	4.47E-08	1.30E-08	2.96E-03	9.36E-07	2.72E-07	6.44E-05	2.03E-08	5.91E-09
4813	495363.09, 3861377.25	2.74E-03	8.64E-07	2.51E-07	1.26E-04	3.99E-08	1.16E-08	2.76E-03	8.71E-07	2.53E-07	1.46E-04	4.61E-08	1.34E-08	2.81E-03	8.87E-07	2.58E-07	6.64E-05	2.10E-08	6.10E-09
4814	495863.09, 3861377.25	2.60E-03	8.20E-07	2.39E-07	1.27E-04	4.00E-08	1.16E-08	2.62E-03	8.27E-07	2.41E-07	1.46E-04	4.62E-08	1.34E-08	2.66E-03	8.40E-07	2.44E-07	6.66E-05	2.10E-08	6.11E-09

4815 496363.09, 3861377.25	2.50E-03	7.88E-07	2.29E-07	1.27E-04	4.00E-08	1.16E-08	2.52E-03	7.95E-07	2.31E-07	1.47E-04	4.62E-08	1.34E-08	2.55E-03	8.06E-07	2.34E-07	6.66E-05	2.10E-08	6.12E-09
4816 496863.09, 3861377.25	2.40E-03	7.56E-07	2.20E-07	1.27E-04	4.00E-08	1.16E-08	2.42E-03	7.63E-07	2.22E-07	1.46E-04	4.62E-08	1.34E-08	2.45E-03	7.72E-07	2.25E-07	6.67E-05	2.10E-08	6.12E-09
4817 497363.09, 3861377.25	2.28E-03	7.20E-07	2.09E-07	1.24E-04	3.91E-08	1.14E-08	2.30E-03	7.26E-07	2.11E-07	1.43E-04	4.52E-08	1.31E-08	2.33E-03	7.34E-07	2.14E-07	6.52E-05	2.06E-08	5.98E-09
4818 497863.09, 3861377.25	2.18E-03	6.87E-07	2.00E-07	1.21E-04	3.82E-08	1.11E-08	2.20E-03	6.93E-07	2.02E-07	1.40E-04	4.41E-08	1.28E-08	2.22E-03	7.00E-07	2.04E-07	6.37E-05	2.01E-08	5.85E-09
4819 498363.09, 3861377.25	2.07E-03	6.53E-07	1.90E-07	1.19E-04	3.75E-08	1.09E-08	2.09E-03	6.60E-07	1.92E-07	1.37E-04	4.33E-08	1.26E-08	2.11E-03	6.65E-07	1.94E-07	6.25E-05	1.97E-08	5.74E-09
4820 471363.09, 3861877.25	3.50E-04	1.10E-07	3.21E-08	3.80E-05	1.20E-08	3.49E-09	3.56E-04	1.12E-07	3.27E-08	4.39E-05	1.39E-08	4.03E-09	3.44E-04	1.09E-07	3.16E-08	2.00E-05	6.33E-09	1.84E-09
4821 471863.09, 3861877.25	3.66E-04	1.16E-07	3.36E-08	4.03E-05	1.27E-08	3.70E-09	3.73E-04	1.18E-07	3.43E-08	4.66E-05	1.47E-08	4.27E-09	3.60E-04	1.14E-07	3.31E-08	2.12E-05	6.70E-09	1.95E-09
4822 472363.09, 3861877.25	3.84E-04	1.21E-07	3.53E-08	4.24E-05	1.34E-08	3.90E-09	3.91E-04	1.24E-07	3.59E-08	4.90E-05	1.55E-08	4.50E-09	3.78E-04	1.19E-07	3.47E-08	2.24E-05	7.06E-09	2.05E-09
4823 472863.09, 3861877.25	4.05E-04	1.28E-07	3.72E-08	4.43E-05	1.40E-08	4.07E-09	4.12E-04	1.30E-07	3.78E-08	5.12E-05	1.62E-08	4.70E-09	3.98E-04	1.26E-07	3.66E-08	2.33E-05	7.37E-09	2.14E-09
4824 473363.09, 3861877.25	4.25E-04	1.34E-07	3.90E-08	4.58E-05	1.45E-08	4.20E-09	4.33E-04	1.37E-07	3.97E-08	5.29E-05	1.67E-08	4.86E-09	4.19E-04	1.32E-07	3.84E-08	2.41E-05	7.62E-09	2.22E-09
4825 473863.09, 3861877.25	4.43E-04	1.40E-07	4.06E-08	4.71E-05	1.49E-08	4.32E-09	4.51E-04	1.42E-07	4.14E-08	5.44E-05	1.72E-08	5.00E-09	4.36E-04	1.38E-07	4.01E-08	2.48E-05	7.83E-09	2.28E-09
4826 474363.09, 3861877.25	4.63E-04	1.46E-07	4.25E-08	4.84E-05	1.53E-08	4.44E-09	4.72E-04	1.49E-07	4.33E-08	5.59E-05	1.77E-08	5.14E-09	4.57E-04	1.44E-07	4.20E-08	2.55E-05	8.05E-09	2.34E-09
4827 474863.09, 3861877.25	4.80E-04	1.52E-07	4.41E-08	4.99E-05	1.58E-08	4.58E-09	4.89E-04	1.54E-07	4.49E-08	5.77E-05	1.82E-08	5.30E-09	4.74E-04	1.50E-07	4.36E-08	2.63E-05	8.30E-09	2.42E-09
4828 475363.09, 3861877.25	5.01E-04	1.58E-07	4.60E-08	5.18E-05	1.63E-08	4.75E-09	5.10E-04	1.61E-07	4.68E-08	5.99E-05	1.89E-08	5.50E-09	4.95E-04	1.56E-07	4.54E-08	2.73E-05	8.61E-09	2.50E-09
4829 475863.09, 3861877.25	5.28E-04	1.67E-07	4.85E-08	5.38E-05	1.70E-08	4.94E-09	5.37E-04	1.69E-07	4.93E-08	6.22E-05	1.96E-08	5.71E-09	5.22E-04	1.65E-07	4.79E-08	2.84E-05	8.95E-09	2.60E-09
4830 476363.09, 3861877.25	5.46E-04	1.72E-07	5.01E-08	5.58E-05	1.76E-08	5.13E-09	5.55E-04	1.75E-07	5.10E-08	6.45E-05	2.04E-08	5.93E-09	5.40E-04	1.70E-07	4.96E-08	2.94E-05	9.28E-09	2.70E-09
4831 476863.09, 3861877.25	5.48E-04	1.73E-07	5.03E-08	5.77E-05	1.82E-08	5.29E-09	5.57E-04	1.76E-07	5.12E-08	6.66E-05	2.10E-08	6.12E-09	5.40E-04	1.71E-07	4.96E-08	3.04E-05	9.59E-09	2.79E-09
4832 477363.09, 3861877.25	5.39E-04	1.70E-07	4.94E-08	5.84E-05	1.84E-08	5.36E-09	5.48E-04	1.73E-07	5.03E-08	6.75E-05	2.13E-08	6.20E-09	5.30E-04	1.67E-07	4.87E-08	3.08E-05	9.73E-09	2.83E-09
4833 477863.09, 3861877.25	4.13E-04	1.30E-07	3.79E-08	5.28E-05	1.67E-08	4.85E-09	4.21E-04	1.33E-07	3.87E-08	6.10E-05	1.93E-08	5.60E-09	4.00E-04	1.26E-07	3.67E-08	2.81E-05	8.86E-09	2.58E-09
4834 478363.09, 3861877.25	2.08E-04	6.55E-08	1.91E-08	2.86E-05	9.03E-09	2.63E-09	2.12E-04	6.70E-08	1.95E-08	3.30E-05	1.04E-08	3.03E-09	1.99E-04	6.29E-08	1.83E-08	1.53E-05	4.82E-09	1.40E-09
4835 478863.09, 3861877.25	3.28E-04	1.03E-07	3.01E-08	4.68E-05	1.48E-08	4.30E-09	3.35E-04	1.06E-07	3.08E-08	5.41E-05	1.71E-08	4.96E-09	3.14E-04	9.92E-08	2.89E-08	2.48E-05	7.83E-09	2.28E-09
4836 479363.09, 3861877.25	3.01E-04	9.51E-08	2.77E-08	4.50E-05	1.42E-08	4.13E-09	3.09E-04	9.75E-08	2.84E-08	5.19E-05	1.64E-08	4.77E-09	2.88E-04	9.09E-08	2.64E-08	2.38E-05	7.52E-09	2.19E-09
4837 479863.09, 3861877.25	7.51E-04	2.37E-07	6.89E-08	7.29E-05	2.30E-08	6.70E-09	7.63E-04	2.41E-07	7.00E-08	8.43E-05	2.66E-08	7.74E-09	7.45E-04	2.35E-07	6.84E-08	3.84E-05	1.21E-08	3.52E-09
4838 480363.09, 3861877.25	9.56E-04	3.02E-07	8.78E-08	7.78E-05	2.46E-08	7.15E-09	9.69E-04	3.06E-07	8.90E-08	9.00E-05	2.84E-08	8.26E-09	9.59E-04	3.03E-07	8.80E-08	4.09E-05	1.29E-08	3.76E-09
4839 480863.09, 3861877.25	1.05E-03	3.32E-07	9.65E-08	8.29E-05	2.62E-08	7.61E-09	1.07E-03	3.36E-07	9.78E-08	9.59E-05	3.03E-08	8.80E-09	1.06E-03	3.33E-07	9.69E-08	4.36E-05	1.38E-08	4.00E-09
4840 481363.09, 3861877.25	1.14E-03	3.59E-07	1.04E-07	8.85E-05	2.79E-08	8.12E-09	1.15E-03	3.64E-07	1.06E-07	1.02E-04	3.23E-08	9.39E-09	1.14E-03	3.61E-07	1.05E-07	4.65E-05	1.47E-08	4.27E-09
4841 481863.09, 3861877.25	1.21E-03	3.82E-07	1.11E-07	9.37E-05	2.96E-08	8.60E-09	1.23E-03	3.87E-07	1.13E-07	1.08E-04	3.42E-08	9.95E-09	1.22E-03	3.84E-07	1.12E-07	4.92E-05	1.55E-08	4.52E-09
4842 482363.09, 3861877.25	1.30E-03	4.09E-07	1.19E-07	9.76E-05	3.08E-08	8.96E-09	1.31E-03	4.15E-07	1.21E-07	1.13E-04	3.56E-08	1.04E-08	1.31E-03	4.12E-07	1.20E-07	5.13E-05	1.62E-08	4.71E-09
4843 482863.09, 3861877.25	1.39E-03	4.40E-07	1.28E-07	1.02E-04	3.22E-08	9.36E-09	1.41E-03	4.46E-07	1.30E-07	1.18E-04	3.72E-08	1.08E-08	1.41E-03	4.44E-07	1.29E-07	5.35E-05	1.69E-08	4.91E-09
4844 483363.09, 3861877.25	1.50E-03	4.73E-07	1.38E-07	1.05E-04	3.32E-08	9.66E-09	1.52E-03	4.79E-07	1.39E-07	1.22E-04	3.84E-08	1.12E-08	1.52E-03	4.78E-07	1.39E-07	5.52E-05	1.74E-08	5.07E-09
4845 483863.09, 3861877.25	1.61E-03	5.07E-07	1.47E-07	1.07E-04	3.37E-08	9.80E-09	1.62E-03	5.13E-07	1.49E-07	1.23E-04	3.90E-08	1.13E-08	1.63E-03	5.14E-07	1.49E-07	5.60E-05	1.77E-08	5.14E-09
4846 484363.09, 3861877.25	1.74E-03	5.49E-07	1.60E-07	1.06E-04	3.33E-08	9.70E-09	1.76E-03	5.55E-07	1.61E-07	1.22E-04	3.86E-08	1.12E-08	1.77E-03	5.58E-07	1.62E-07	5.54E-05	1.75E-08	5.09E-09
4847 484863.09, 3861877.25	1.89E-03	5.97E-07	1.74E-07	1.04E-04	3.28E-08	9.55E-09	1.91E-03	6.02E-07	1.75E-07	1.20E-04	3.80E-08	1.10E-08	1.93E-03	6.09E-07	1.77E-07	5.45E-05	1.72E-08	5.01E-09
4848 485363.09, 3861877.25	2.04E-03	6.43E-07	1.87E-07	1.01E-04	3.17E-08	9.23E-09	2.06E-03	6.49E-07	1.89E-07	1.16E-04	3.67E-08	1.07E-08	2.09E-03	6.59E-07	1.92E-07	5.27E-05	1.66E-08	4.84E-09
4849 485863.09, 3861877.25	2.16E-03	6.83E-07	1.99E-07	9.50E-05	3.00E-08	8.72E-09	2.18E-03	6.88E-07	2.00E-07	1.10E-04	3.47E-08	1.01E-08	2.22E-03	7.02E-07	2.04E-07	4.99E-05	1.57E-08	4.58E-09
4850 486363.09, 3861877.25	2.32E-03	7.33E-07	2.13E-07	9.30E-05	2.94E-08	8.54E-09	2.34E-03	7.38E-07	2.15E-07	1.08E-04	3.40E-08	9.88E-09	2.39E-03	7.56E-07	2.20E-07	4.88E-05	1.54E-08	4.48E-09
4851 486863.09, 3861877.25	2.51E-03	7.93E-07	2.31E-07	9.30E-05	2.94E-08	8.54E-09	2.53E-03	7.98E-07	2.32E-07	1.08E-04	3.40E-08	9.88E-09	2.59E-03	8.19E-07	2.38E-07	4.88E-05	1.54E-08	4.48E-09
4852 487363.09, 3861877.25	2.70E-03	8.53E-07	2.48E-07	9.46E-05	2.99E-08	8.69E-09	2.72E-03	8.58E-07	2.50E-07	1.09E-04	3.45E-08	1.00E-08	2.79E-03	8.81E-07	2.56E-07	4.96E-05	1.57E-08	4.56E-09
4853 487863.09, 3861877.25	2.78E-03	8.77E-07	2.55E-07	9.60E-05	3.03E-08	8.82E-09	2.79E-03	8.82E-07	2.56E-07	1.11E-04	3.51E-08	1.02E-08	2.87E-03	9.06E-07	2.64E-07	5.04E-05	1.59E-08	4.63E-09
4854 488363.09, 3861877.25	2.73E-03	8.63E-07	2.51E-07	9.39E-05	2.96E-08	8.62E-09	2.75E-03	8.68E-07	2.53E-07	1.09E-04	3.43E-08	9.97E-09	2.83E-03	8.92E-07	2.60E-07	4.93E-05	1.56E-08	4.53E-09
4855 488863.09, 3861877.25	2.75E-03	8.68E-07	2.52E-07	9.42E-05	2.97E-08	8.65E-09	2.77E-03	8.73E-07	2.54E-07	1.09E-04	3.44E-08	1.00E-08	2.84E-03	8.97E-07	2.61E-07	4.94E-05	1.56E-08	4.54E-09
4856 489363.09, 3861877.25	2.82E-03	8.89E-07	2.59E-07	9.71E-05	3.07E-08	8.92E-09	2.83E-03	8.94E-07	2.60E-07	1.12E-04	3.55E-08	1.03E-08	2.91E-03	9.19E-07	2.67E-07	5.09E-05	1.61E-08	4.67E-09
4857 489863.09, 3861877.25	2.89E-03	9.11E-07	2.65E-07	9.90E-05	3.12E-08	9.09E-09	2.90E-03	9.17E-07	2.67E-07	1.14E-04	3.61E-08	1.05E-08	2.99E-03	9.42E-07	2.74E-07	5.19E-05	1.64E-08	4.76E-09
4858 490363.09, 3861877.25	2.88E-03	9.10E-07	2.65E-07	1.00E-04	3.16E-08	9.19E-09	2.90E-03	9.16E-07	2.66E-07	1.16E-04	3.65E-08	1.06E-08	2.98E-03	9.41E-07	2.74E-07	5.25E-05	1.66E-08	4.82E-09
4859 490863.09, 3861877.25	2.84E-03	8.97E-07	2.61E-07	1.01E-04	3.18E-08	9.25E-09	2.86E-03	9.03E-07	2.63E-07	1.17E-04	3.68E-08	1.07E-08	2.94E-03	9.27E-07	2.70E-07	5.30E-05	1.67E-08	4.86E-09
4860 491363.09, 3861877.25	2.84E-03	8.95E-07	2.60E-07	1.03E-04	3.24E-08	9.42E-09	2.85E-03	9.00E-07	2.62E-07	1.19E-04	3.74E-08	1.09E-08	2.93E-03	9.24E-07	2.69E-07	5.39E-05	1.70E-08	4.95E-09
4861 491863.09, 3861877.25	2.83E-03	8.94E-07	2.60E-07	1.08E-04	3.42E-08	9.93E-09	2.85E-03	9.00E-07	2.62E-07	1.25E-04	3.95E-08	1.15E-08	2.92E-03	9.22E-07	2.68E-07	5.68E-05	1.79E-08	5.21E-09
4862 492363.09, 3861877.25	2.76E-03	8.70E-07	2.53E-07	1.07E-04	3.36E-08	9.78E-09	2.78E-03	8.76E-07	2.55E-07	1.23E-04	3.89E-08	1.13E-08	2.84E-03	8.97E-07	2.61E-07	5.60E-05	1.77E-08	5.14E-09
4863 492863.09, 3861877.25	2.69E-03	8.51E-07	2.47E-07	1.00E-04	3.17E-08	9.21E-09	2.71E-03	8.56E-07	2.49E-07	1.16E-04	3.66E-08	1.07E-08	2.78E-03	8.78E-07	2.55E-07	5.27E-05	1.66E-08	4.84E-09
4864 493363.09, 3861877.25	2.63E-03	8.29E-07	2.41E-07	9.61E-05	3.03E-08	8.82E-09	2.64E-03	8.34E-07	2.43E-07	1.11E-04	3.51E-08	1.02E-08	2.71E-03	8.55E-07	2.49E-07	5.05E-05	1.59E-08	4.64E-09
4865 493863.09, 3861877.25	2.54E-03	8.02E-07	2.33E-07	9.53E-05	3.01E-08	8.75E-09	2.56E-03	8.07E-07	2.35E-07	1.10E-04	3.48E-08	1.01E-08	2.62E-03	8.27E-07	2.41E-07	5.01E-05	1.58E-08	4.60E-09
4866 494363.09, 3861877.25	2.44E-03	7.71E-07	2.24E-07	9.56E-05	3.02E-08	8.77E-09	2.46E-03	7.76E-07	2.26E-07	1.10E-04	3.49E-08	1.01E-08	2.52E-03	7.95E-07	2.31E-07	5.03E-05	1.59E-08	4.61E-09
4867 494863.09, 3861877.25	2.36E-03	7.44E-07	2.16E-07	9.74E-05	3.07E-08	8.94E-09	2.37E-03	7.49E-07	2.18E-07	1.13E-04	3.55E-08	1.03E-08	2.43E-03	7.66E-07	2.23E-07	5.12E-05	1.62E-08	4.70E-09
4868 495363.09, 3861877.25	2.26E-03	7.15E-07	2.08E-07	1.01E-04	3.18E-08	9.25E-09	2.28E-03	7.20E-07	2.09E-07	1.16E-04	3.68E-08	1.07E-08	2.33E-03	7.34E-07	2.14E-07	5.29E-05	1.67E-08	4.86E-09
4869 495863.09, 3861877.25	2.18E-03	6.87E-07	2.00E-07	1.05E-04	3.30E-08	9.61E-09	2.19E-03	6.93E-07	2.01E-07	1.21E-04	3.82E-08	1.11E-08	2.23E-03	7.04E-07	2.05E-07	5.50E-05	1.74E-08	5.05E-09
4870 496363.09, 3861877.25	2.10E-03	6.63E-07	1.93E-07	1.08E-04	3.40E-08	9.90E-09	2.12E-03	6.69E-07	1.95E-07	1.25E-04	3.93E-08	1.14E-08	2.15E-03	6.78E-07	1.97E-07	5.66E-05	1.79E-08	5.20E-09
4871 496863.09, 3861877.25	2.06E-03	6.49E-07	1.89E-07	1.15E-04	3.63E-08	1.06E-08	2.08E-03	6.56E-07	1.91E-07	1.33E-04	4.20E-08	1.22E-08	2.10E-03	6.62E-07	1.93E-07	6.05E-05	1.91E-08	5.55E-09
4872 497363.09, 3861877.25	1.98E-03	6.25E-07	1.82E-07	1.09E-04	3.45E-08	1.00E-08	2.00E-03	6.31E-07	1.84E-07	1.27E-04	3.99E-08	1.16E-08	2.02E-03	6.38E-07	1.86E-07	5.75E-05	1.82E-08	5.28E-09
4873 497863.09, 3861877.25	1.90E-03	5.99E-07	1.74E-07	1.06E-04	3.34E-08	9.71E-09	1.92E-03	6.05E-07	1.76E-07	1.22E-04	3.86E-08	1.12E-08	1.94E-03	6.11E-07	1.78E-07	5.56E-05	1.76E-08	5.11E-09
4874 498363.09, 3861877.25	1.83E-03	5.77E-07	1.68E-07	1.03E-04	3.25E-08	9.45E-09	1.84E-03	5.82E-07	1.69E-07	1.19E-04	3.76E-08	1.09E-08	1.86E-03	5.88E-07	1.71E-07	5.42E-05	1.71E-08	4.97E-09
4875 471363.09, 3862377.25	3.49E-04	1.10E-07	3.20E-08	3.78E-05	1.19E-08	3.47E-09	3.55E-04	1.12E-07	3.26E-08	4.37E-05	1.38E-08	4.01E-09	3.43E-04	1.08E-07	3.15E-08	1.99E-05	6.29E-09	1.83E-09
4876 471863.09, 3862377.25	3.63E-04	1.15E-07	3.34E-08	3.93E-05	1.24E-08	3.61E-09	3.70E-04	1.17E-07	3.40E-08	4.55E-05	1.43E-08	4.17E-09	3.58E-04	1.13E-07	3.28E-08	2.07E-05	6.55E-09	1.90E-09
4877 472363.09, 3862377.25	3.81E-04	1.20E-07	3.50E-08	4.06E-05	1.28E-08	3.73E-09	3.88E-04	1.23E-07	3.56E-08	4.69E-05	1.48E-08	4.31E-09	3.76E-04	1.19E-07	3.45E-08	2.14E-05	6.76E-09	1.97E-09
4878 472863.09, 3862377.25	3.99E-04	1.26E-07	3.66E-08	4.17E-05	1.32E-08	3.83E-09	4.06E-04	1.28E-07	3.73E-08	4.82E-05	1.52E-08	4.42E-09	3.94E-04	1.24E-07	3.62E-08	2.20E-05	6.94E-09	2.02E-09
4879 473363.09, 3862377.25	4.17E-04	1.31E-07	3.82E-08	4.27E-05	1.35E-08	3.92E-09	4.24E-04	1.34E-07	3.89E-08	4.93E-05	1.56E-08	4.53E-09	4.12E-04	1.30E-07	3.78E-08	2.25E-05	7.10E-09	2.07E-09
4880 473863.09, 3862377.25	4.33E-04	1.37E-07	3.98E-08	4.38E-05	1.38E-08	4.02E-09	4.41E-04	1.39E-07	4.05E-08	5.07E-05	1.60E-08	4.65E-09	4.29E-04	1.35E-07	3.93E-08	2.31E-05	7.30E-09	2.12E-09

4881 474363.09, 3862377.25	4.48E-04	1.41E-07	4.11E-08	4.53E-05	1.43E-08	4.15E-09	4.55E-04	1.44E-07	4.18E-08	5.23E-05	1.65E-08	4.80E-09	4.43E-04	1.40E-07	4.07E-08	2.39E-05	7.53E-09	2.19E-09
4882 474863.09, 3862377.25	4.59E-04	1.45E-07	4.22E-08	4.68E-05	1.48E-08	4.30E-09	4.67E-04	1.47E-07	4.29E-08	5.41E-05	1.71E-08	4.97E-09	4.54E-04	1.43E-07	4.17E-08	2.47E-05	7.79E-09	2.27E-09
4883 475363.09, 3862377.25	4.87E-04	1.54E-07	4.47E-08	4.83E-05	1.53E-08	4.44E-09	4.96E-04	1.56E-07	4.55E-08	5.59E-05	1.76E-08	5.13E-09	4.83E-04	1.52E-07	4.43E-08	2.55E-05	8.04E-09	2.34E-09
4884 475863.09, 3862377.25	5.14E-04	1.62E-07	4.72E-08	4.97E-05	1.57E-08	4.56E-09	5.22E-04	1.65E-07	4.79E-08	5.74E-05	1.81E-08	5.27E-09	5.10E-04	1.61E-07	4.68E-08	2.62E-05	8.27E-09	2.40E-09
4885 476363.09, 3862377.25	5.36E-04	1.69E-07	4.92E-08	5.08E-05	1.60E-08	4.66E-09	5.45E-04	1.72E-07	5.00E-08	5.87E-05	1.85E-08	5.39E-09	5.33E-04	1.68E-07	4.89E-08	2.68E-05	8.45E-09	2.46E-09
4886 476863.09, 3862377.25	5.55E-04	1.75E-07	5.09E-08	5.15E-05	1.63E-08	4.73E-09	5.64E-04	1.78E-07	5.17E-08	5.96E-05	1.88E-08	5.47E-09	5.52E-04	1.74E-07	5.07E-08	2.72E-05	8.57E-09	2.49E-09
4887 477363.09, 3862377.25	5.53E-04	1.75E-07	5.08E-08	5.19E-05	1.64E-08	4.77E-09	5.62E-04	1.77E-07	5.16E-08	6.00E-05	1.89E-08	5.51E-09	5.50E-04	1.74E-07	5.05E-08	2.74E-05	8.64E-09	2.51E-09
4888 477863.09, 3862377.25	4.49E-04	1.42E-07	4.13E-08	5.07E-05	1.60E-08	4.65E-09	4.58E-04	1.45E-07	4.20E-08	5.86E-05	1.85E-08	5.38E-09	4.40E-04	1.39E-07	4.04E-08	2.69E-05	8.49E-09	2.47E-09
4889 478363.09, 3862377.25	3.47E-04	1.09E-07	3.18E-08	4.64E-05	1.47E-08	4.26E-09	3.55E-04	1.12E-07	3.25E-08	5.36E-05	1.69E-08	4.92E-09	3.35E-04	1.06E-07	3.07E-08	2.46E-05	7.77E-09	2.26E-09
4890 478863.09, 3862377.25	3.66E-04	1.16E-07	3.36E-08	5.02E-05	1.58E-08	4.61E-09	3.75E-04	1.18E-07	3.44E-08	5.80E-05	1.83E-08	5.33E-09	3.53E-04	1.11E-07	3.24E-08	2.65E-05	8.38E-09	2.44E-09
4891 479363.09, 3862377.25	4.56E-04	1.44E-07	4.19E-08	5.85E-05	1.85E-08	5.37E-09	4.66E-04	1.47E-07	4.28E-08	6.76E-05	2.13E-08	6.21E-09	4.43E-04	1.40E-07	4.06E-08	3.09E-05	9.75E-09	2.83E-09
4892 479863.09, 3862377.25	7.57E-04	2.39E-07	6.95E-08	6.77E-05	2.14E-08	6.21E-09	7.69E-04	2.43E-07	7.06E-08	7.82E-05	2.47E-08	7.18E-09	7.55E-04	2.38E-07	6.93E-08	3.56E-05	1.12E-08	3.27E-09
4893 480363.09, 3862377.25	9.04E-04	2.85E-07	8.30E-08	7.16E-05	2.26E-08	6.57E-09	9.16E-04	2.89E-07	8.41E-08	8.28E-05	2.61E-08	7.60E-09	9.08E-04	2.86E-07	8.33E-08	3.77E-05	1.19E-08	3.46E-09
4894 480863.09, 3862377.25	9.79E-04	3.09E-07	8.98E-08	7.60E-05	2.40E-08	6.97E-09	9.92E-04	3.13E-07	9.10E-08	8.78E-05	2.77E-08	8.06E-09	9.84E-04	3.11E-07	9.03E-08	3.99E-05	1.26E-08	3.67E-09
4895 481363.09, 3862377.25	1.05E-03	3.30E-07	9.61E-08	8.08E-05	2.55E-08	7.42E-09	1.06E-03	3.35E-07	9.74E-08	9.35E-05	2.95E-08	8.58E-09	1.05E-03	3.32E-07	9.66E-08	4.25E-05	1.34E-08	3.90E-09
4896 481863.09, 3862377.25	1.12E-03	3.52E-07	1.02E-07	8.45E-05	2.67E-08	7.75E-09	1.13E-03	3.57E-07	1.04E-07	9.77E-05	3.08E-08	8.97E-09	1.12E-03	3.55E-07	1.03E-07	4.44E-05	1.40E-08	4.07E-09
4897 482363.09, 3862377.25	1.19E-03	3.75E-07	1.09E-07	8.70E-05	2.75E-08	7.98E-09	1.20E-03	3.79E-07	1.10E-07	1.01E-04	3.17E-08	9.23E-09	1.20E-03	3.78E-07	1.10E-07	4.57E-05	1.44E-08	4.19E-09
4898 482863.09, 3862377.25	1.25E-03	3.96E-07	1.15E-07	8.99E-05	2.84E-08	8.25E-09	1.27E-03	4.01E-07	1.17E-07	1.04E-04	3.28E-08	9.55E-09	1.27E-03	4.00E-07	1.16E-07	4.72E-05	1.49E-08	4.33E-09
4899 483363.09, 3862377.25	1.31E-03	4.14E-07	1.20E-07	9.27E-05	2.93E-08	8.51E-09	1.33E-03	4.19E-07	1.22E-07	1.07E-04	3.39E-08	9.85E-09	1.33E-03	4.18E-07	1.22E-07	4.87E-05	1.54E-08	4.47E-09
4900 483863.09, 3862377.25	1.40E-03	4.41E-07	1.28E-07	9.23E-05	2.91E-08	8.47E-09	1.41E-03	4.46E-07	1.30E-07	1.07E-04	3.37E-08	9.80E-09	1.42E-03	4.47E-07	1.30E-07	4.84E-05	1.53E-08	4.45E-09
4901 484363.09, 3862377.25	1.48E-03	4.68E-07	1.36E-07	9.19E-05	2.90E-08	8.44E-09	1.50E-03	4.72E-07	1.37E-07	1.06E-04	3.36E-08	9.76E-09	1.51E-03	4.75E-07	1.38E-07	4.82E-05	1.52E-08	4.43E-09
4902 484863.09, 3862377.25	1.56E-03	4.93E-07	1.43E-07	8.97E-05	2.83E-08	8.24E-09	1.58E-03	4.98E-07	1.45E-07	1.04E-04	3.28E-08	9.53E-09	1.59E-03	5.03E-07	1.46E-07	4.70E-05	1.48E-08	4.32E-09
4903 485363.09, 3862377.25	1.66E-03	5.23E-07	1.52E-07	8.71E-05	2.75E-08	8.00E-09	1.67E-03	5.28E-07	1.54E-07	1.01E-04	3.18E-08	9.25E-09	1.69E-03	5.35E-07	1.56E-07	4.57E-05	1.44E-08	4.20E-09
4904 485863.09, 3862377.25	1.75E-03	5.53E-07	1.61E-07	8.29E-05	2.62E-08	7.61E-09	1.76E-03	5.57E-07	1.62E-07	9.59E-05	3.03E-08	8.80E-09	1.80E-03	5.67E-07	1.65E-07	4.35E-05	1.37E-08	3.99E-09
4905 486363.09, 3862377.25	1.86E-03	5.87E-07	1.71E-07	8.05E-05	2.54E-08	7.39E-09	1.87E-03	5.92E-07	1.72E-07	9.31E-05	2.94E-08	8.55E-09	1.91E-03	6.04E-07	1.76E-07	4.22E-05	1.33E-08	3.87E-09
4906 486863.09, 3862377.25	1.94E-03	6.11E-07	1.78E-07	8.04E-05	2.54E-08	7.38E-09	1.95E-03	6.16E-07	1.79E-07	9.30E-05	2.94E-08	8.54E-09	1.99E-03	6.29E-07	1.83E-07	4.21E-05	1.33E-08	3.87E-09
4907 487363.09, 3862377.25	2.02E-03	6.38E-07	1.85E-07	8.21E-05	2.59E-08	7.54E-09	2.03E-03	6.42E-07	1.87E-07	9.50E-05	3.00E-08	8.72E-09	2.08E-03	6.57E-07	1.91E-07	4.31E-05	1.36E-08	3.96E-09
4908 487863.09, 3862377.25	2.05E-03	6.46E-07	1.88E-07	8.42E-05	2.66E-08	7.73E-09	2.06E-03	6.51E-07	1.89E-07	9.74E-05	3.07E-08	8.94E-09	2.11E-03	6.65E-07	1.93E-07	4.42E-05	1.40E-08	4.06E-09
4909 488363.09, 3862377.25	1.99E-03	6.28E-07	1.83E-07	8.26E-05	2.61E-08	7.58E-09	2.00E-03	6.32E-07	1.84E-07	9.55E-05	3.01E-08	8.77E-09	2.05E-03	6.46E-07	1.88E-07	4.34E-05	1.37E-08	3.98E-09
4910 488863.09, 3862377.25	1.99E-03	6.28E-07	1.83E-07	8.12E-05	2.56E-08	7.46E-09	2.00E-03	6.32E-07	1.84E-07	9.40E-05	2.97E-08	8.63E-09	2.05E-03	6.46E-07	1.88E-07	4.26E-05	1.34E-08	3.91E-09
4911 489363.09, 3862377.25	2.04E-03	6.43E-07	1.87E-07	8.37E-05	2.64E-08	7.69E-09	2.05E-03	6.47E-07	1.88E-07	9.69E-05	3.06E-08	8.89E-09	2.10E-03	6.62E-07	1.93E-07	4.39E-05	1.38E-08	4.03E-09
4912 489863.09, 3862377.25	2.08E-03	6.58E-07	1.91E-07	8.64E-05	2.73E-08	7.93E-09	2.10E-03	6.62E-07	1.93E-07	9.99E-05	3.15E-08	9.17E-09	2.15E-03	6.77E-07	1.97E-07	4.52E-05	1.43E-08	4.15E-09
4913 490363.09, 3862377.25	2.14E-03	6.75E-07	1.96E-07	8.69E-05	2.74E-08	7.98E-09	2.15E-03	6.80E-07	1.98E-07	1.01E-04	3.17E-08	9.23E-09	2.20E-03	6.95E-07	2.02E-07	4.56E-05	1.44E-08	4.18E-09
4914 490863.09, 3862377.25	2.14E-03	6.75E-07	1.96E-07	8.87E-05	2.80E-08	8.14E-09	2.15E-03	6.80E-07	1.98E-07	1.03E-04	3.24E-08	9.41E-09	2.20E-03	6.95E-07	2.02E-07	4.65E-05	1.47E-08	4.27E-09
4915 491363.09, 3862377.25	2.09E-03	6.61E-07	1.92E-07	8.85E-05	2.79E-08	8.13E-09	2.11E-03	6.66E-07	1.94E-07	1.02E-04	3.23E-08	9.40E-09	2.15E-03	6.80E-07	1.98E-07	4.65E-05	1.47E-08	4.27E-09
4916 491863.09, 3862377.25	2.06E-03	6.50E-07	1.89E-07	8.93E-05	2.82E-08	8.20E-09	2.07E-03	6.54E-07	1.90E-07	1.03E-04	3.26E-08	9.48E-09	2.12E-03	6.68E-07	1.94E-07	4.69E-05	1.48E-08	4.30E-09
4917 492363.09, 3862377.25	2.07E-03	6.54E-07	1.90E-07	9.41E-05	2.97E-08	8.63E-09	2.09E-03	6.60E-07	1.92E-07	1.09E-04	3.43E-08	9.99E-09	2.13E-03	6.72E-07	1.95E-07	4.94E-05	1.56E-08	4.53E-09
4918 492863.09, 3862377.25	2.08E-03	6.56E-07	1.91E-07	9.41E-05	2.97E-08	8.64E-09	2.09E-03	6.61E-07	1.92E-07	1.09E-04	3.43E-08	9.99E-09	2.13E-03	6.73E-07	1.96E-07	4.94E-05	1.56E-08	4.54E-09
4919 493363.09, 3862377.25	2.06E-03	6.49E-07	1.89E-07	8.91E-05	2.81E-08	8.18E-09	2.07E-03	6.54E-07	1.90E-07	1.03E-04	3.25E-08	9.46E-09	2.11E-03	6.67E-07	1.94E-07	4.68E-05	1.48E-08	4.30E-09
4920 493863.09, 3862377.25	2.02E-03	6.39E-07	1.86E-07	8.45E-05	2.67E-08	7.76E-09	2.04E-03	6.43E-07	1.87E-07	9.77E-05	3.09E-08	8.97E-09	2.08E-03	6.57E-07	1.91E-07	4.44E-05	1.40E-08	4.08E-09
4921 494363.09, 3862377.25	1.99E-03	6.27E-07	1.82E-07	8.31E-05	2.62E-08	7.63E-09	2.00E-03	6.32E-07	1.84E-07	9.60E-05	3.03E-08	8.82E-09	2.04E-03	6.45E-07	1.88E-07	4.37E-05	1.38E-08	4.01E-09
4922 494863.09, 3862377.25	1.94E-03	6.14E-07	1.78E-07	8.33E-05	2.63E-08	7.65E-09	1.96E-03	6.18E-07	1.80E-07	9.63E-05	3.04E-08	8.84E-09	2.00E-03	6.31E-07	1.83E-07	4.38E-05	1.38E-08	4.02E-09
4923 495363.09, 3862377.25	1.88E-03	5.92E-07	1.72E-07	8.33E-05	2.63E-08	7.65E-09	1.89E-03	5.96E-07	1.73E-07	9.63E-05	3.04E-08	8.84E-09	1.93E-03	6.08E-07	1.77E-07	4.38E-05	1.38E-08	4.02E-09
4924 495863.09, 3862377.25	1.81E-03	5.73E-07	1.67E-07	8.47E-05	2.67E-08	7.78E-09	1.83E-03	5.77E-07	1.68E-07	9.80E-05	3.09E-08	9.00E-09	1.86E-03	5.87E-07	1.71E-07	4.46E-05	1.41E-08	4.09E-09
4925 496363.09, 3862377.25	1.76E-03	5.54E-07	1.61E-07	8.76E-05	2.76E-08	8.04E-09	1.77E-03	5.59E-07	1.63E-07	1.01E-04	3.20E-08	9.29E-09	1.80E-03	5.67E-07	1.65E-07	4.60E-05	1.45E-08	4.22E-09
4926 496863.09, 3862377.25	1.72E-03	5.43E-07	1.58E-07	9.17E-05	2.89E-08	8.42E-09	1.74E-03	5.48E-07	1.59E-07	1.06E-04	3.35E-08	9.74E-09	1.76E-03	5.54E-07	1.61E-07	4.82E-05	1.52E-08	4.42E-09
4927 497363.09, 3862377.25	1.66E-03	5.24E-07	1.53E-07	9.31E-05	2.94E-08	8.55E-09	1.68E-03	5.29E-07	1.54E-07	1.08E-04	3.40E-08	9.88E-09	1.69E-03	5.35E-07	1.56E-07	4.89E-05	1.54E-08	4.49E-09
4928 497863.09, 3862377.25	1.61E-03	5.09E-07	1.48E-07	9.31E-05	2.94E-08	8.55E-09	1.63E-03	5.14E-07	1.50E-07	1.08E-04	3.40E-08	9.88E-09	1.64E-03	5.19E-07	1.51E-07	4.89E-05	1.54E-08	4.49E-09
4929 498363.09, 3862377.25	1.56E-03	4.92E-07	1.43E-07	9.12E-05	2.88E-08	8.37E-09	1.58E-03	4.97E-07	1.45E-07	1.05E-04	3.33E-08	9.68E-09	1.59E-03	5.01E-07	1.46E-07	4.79E-05	1.51E-08	4.40E-09
4930 471363.09, 3862877.25	3.42E-04	1.08E-07	3.14E-08	3.63E-05	1.15E-08	3.33E-09	3.49E-04	1.10E-07	3.20E-08	4.20E-05	1.32E-08	3.85E-09	3.38E-04	1.07E-07	3.10E-08	1.92E-05	6.05E-09	1.76E-09
4931 471863.09, 3862877.25	3.57E-04	1.13E-07	3.28E-08	3.72E-05	1.17E-08	3.42E-09	3.63E-04	1.15E-07	3.34E-08	4.30E-05	1.36E-08	3.95E-09	3.53E-04	1.11E-07	3.24E-08	1.96E-05	6.20E-09	1.80E-09
4932 472363.09, 3862877.25	3.73E-04	1.18E-07	3.43E-08	3.80E-05	1.20E-08	3.49E-09	3.80E-04	1.20E-07	3.49E-08	4.40E-05	1.39E-08	4.04E-09	3.69E-04	1.16E-07	3.39E-08	2.01E-05	6.34E-09	1.84E-09
4933 472863.09, 3862877.25	3.88E-04	1.22E-07	3.56E-08	3.89E-05	1.23E-08	3.57E-09	3.94E-04	1.24E-07	3.62E-08	4.50E-05	1.42E-08	4.13E-09	3.83E-04	1.21E-07	3.52E-08	2.05E-05	6.49E-09	1.89E-09
4934 473363.09, 3862877.25	4.03E-04	1.27E-07	3.70E-08	3.99E-05	1.26E-08	3.67E-09	4.10E-04	1.29E-07	3.76E-08	4.62E-05	1.46E-08	4.24E-09	3.99E-04	1.26E-07	3.66E-08	2.11E-05	6.65E-09	1.94E-09
4935 473863.09, 3862877.25	4.19E-04	1.32E-07	3.84E-08	4.11E-05	1.30E-08	3.77E-09	4.26E-04	1.34E-07	3.91E-08	4.75E-05	1.50E-08	4.36E-09	4.15E-04	1.31E-07	3.81E-08	2.17E-05	6.85E-09	1.99E-09
4936 474363.09, 3862877.25	4.34E-04	1.37E-07	3.99E-08	4.23E-05	1.34E-08	3.89E-09	4.41E-04	1.39E-07	4.05E-08	4.89E-05	1.54E-08	4.49E-09	4.31E-04	1.36E-07	3.95E-08	2.23E-05	7.05E-09	2.05E-09
4937 474863.09, 3862877.25	4.51E-04	1.42E-07	4.14E-08	4.34E-05	1.37E-08	3.98E-09	4.59E-04	1.45E-07	4.21E-08	5.01E-05	1.58E-08	4.60E-09	4.48E-04	1.41E-07	4.11E-08	2.29E-05	7.23E-09	2.10E-09
4938 475363.09, 3862877.25	4.74E-04	1.50E-07	4.35E-08	4.41E-05	1.39E-08	4.05E-09	4.81E-04	1.52E-07	4.42E-08	5.10E-05	1.61E-08	4.68E-09	4.71E-04	1.49E-07	4.32E-08	2.33E-05	7.35E-09	2.14E-09
4939 475863.09, 3862877.25	4.96E-04	1.56E-07	4.55E-08	4.47E-05	1.41E-08	4.10E-09	5.03E-04	1.59E-07	4.62E-08	5.16E-05	1.63E-08	4.74E-09	4.94E-04	1.56E-07	4.54E-08	2.36E-05	7.44E-09	2.16E-09
4940 476363.09, 3862877.25	5.19E-04	1.64E-07	4.77E-08	4.52E-05	1.43E-08	4.15E-09	5.27E-04	1.66E-07	4.84E-08	5.22E-05	1.65E-08	4.80E-09	5.19E-04	1.64E-07	4.76E-08	2.38E-05	7.52E-09	2.19E-09
4941 476863.09, 3862877.25	5.40E-04	1.71E-07	4.96E-08	4.62E-05	1.46E-08	4.24E-09	5.48E-04	1.73E-07	5.03E-08	5.33E-05	1.68E-08	4.90E-09	5.40E-04	1.70E-07	4.96E-08	2.43E-05	7.68E-09	2.23E-09
4942 477363.09, 3862877.25	5.58E-04	1.76E-07	5.12E-08	4.79E-05	1.51E-08	4.39E-09	5.66E-04	1.79E-07	5.19E-08	5.53E-05	1.75E-08	5.08E-09	5.57E-04	1.76E-07	5.12E-08	2.52E-05	7.97E-09	2.32E-09
4943 477863.09, 3862877.25	5.25E-04	1.66E-07	4.82E-08	4.98E-05	1.57E-08	4.58E-09	5.34E-04	1.68E-07	4.90E-08	5.76E-05	1.82E-08	5.29E-09	5.22E-04	1.65E-07	4.79E-08	2.63E-05	8.30E-09	2.41E-09
4944 478363.09, 3862877.25	4.15E-04	1.31E-07	3.81E-08	4.97E-05	1.57E-08	4.56E-09	4.24E-04	1.34E-07	3.89E-08	5.74E-05	1.81E-08	5.27E-09	4.05E-04	1.28E-07	3.72E-08	2.63E-05	8.28E-09	2.41E-09
4945 478863.09, 3862877.25	4.40E-04	1.39E-07	4.04E-08	5.30E-05	1.67E-08	4.87E-09	4.49E-04	1.42E-07	4.13E-08	6.13E-05	1.93E-08	5.63E-09	4.30E-04	1.36E-07	3.95E-08	2.80E-05	8.84E-09	2.57E-09
4946 479363.09, 3862877.25	4.81E-04	1.52E-07	4.41E-08	5.58E-05	1.76E-08	5.12E-09	4.90E-04	1.55E-07	4.50E-08	6.44E-05	2.03E-08	5.92E-09	4.71E-04	1.49E-07	4.32E-08	2.94E-05	9.29E-09	2.70E-09

4947	479863.09, 3862877.25	7.80E-04	2.46E-07	7.16E-08	6.27E-05	1.98E-08	5.76E-09	7.91E-04	2.50E-07	7.26E-08	7.25E-05	2.29E-08	6.66E-09	7.83E-04	2.47E-07	7.19E-08	3.30E-05	1.04E-08	3.03E-09
4948	480363.09, 3862877.25	8.53E-04	2.69E-07	7.83E-08	6.60E-05	2.08E-08	6.06E-09	8.64E-04	2.73E-07	7.94E-08	7.64E-05	2.41E-08	7.01E-09	8.58E-04	2.71E-07	7.87E-08	3.48E-05	1.10E-08	3.19E-09
4949	480863.09, 3862877.25	9.10E-04	2.87E-07	8.35E-08	7.04E-05	2.22E-08	6.46E-09	9.22E-04	2.91E-07	8.46E-08	8.13E-05	2.57E-08	7.47E-09	9.15E-04	2.89E-07	8.40E-08	3.70E-05	1.17E-08	3.40E-09
4950	481363.09, 3862877.25	9.64E-04	3.04E-07	8.85E-08	7.39E-05	2.33E-08	6.78E-09	9.77E-04	3.08E-07	8.97E-08	8.54E-05	2.70E-08	7.84E-09	9.70E-04	3.06E-07	8.90E-08	3.88E-05	1.23E-08	3.57E-09
4951	481863.09, 3862877.25	9.98E-04	3.15E-07	9.16E-08	7.67E-05	2.42E-08	7.04E-09	1.01E-03	3.19E-07	9.28E-08	8.87E-05	2.80E-08	8.15E-09	1.00E-03	3.17E-07	9.22E-08	4.03E-05	1.27E-08	3.70E-09
4952	482363.09, 3862877.25	1.05E-03	3.32E-07	9.66E-08	7.73E-05	2.44E-08	7.09E-09	1.07E-03	3.36E-07	9.78E-08	8.93E-05	2.82E-08	8.20E-09	1.06E-03	3.35E-07	9.74E-08	4.06E-05	1.28E-08	3.73E-09
4953	482863.09, 3862877.25	1.10E-03	3.48E-07	1.01E-07	8.01E-05	2.53E-08	7.36E-09	1.12E-03	3.52E-07	1.02E-07	9.27E-05	2.92E-08	8.51E-09	1.11E-03	3.51E-07	1.02E-07	4.21E-05	1.33E-08	3.86E-09
4954	483363.09, 3862877.25	1.16E-03	3.65E-07	1.06E-07	8.17E-05	2.58E-08	7.50E-09	1.17E-03	3.69E-07	1.07E-07	9.45E-05	2.98E-08	8.67E-09	1.17E-03	3.69E-07	1.07E-07	4.29E-05	1.35E-08	3.94E-09
4955	483863.09, 3862877.25	1.21E-03	3.82E-07	1.11E-07	8.09E-05	2.55E-08	7.43E-09	1.22E-03	3.86E-07	1.12E-07	9.36E-05	2.95E-08	8.59E-09	1.22E-03	3.87E-07	1.12E-07	4.25E-05	1.34E-08	3.90E-09
4956	484363.09, 3862877.25	1.25E-03	3.95E-07	1.15E-07	8.01E-05	2.53E-08	7.36E-09	1.26E-03	3.99E-07	1.16E-07	9.27E-05	2.93E-08	8.51E-09	1.27E-03	4.01E-07	1.17E-07	4.20E-05	1.33E-08	3.86E-09
4957	484863.09, 3862877.25	1.31E-03	4.14E-07	1.20E-07	7.90E-05	2.49E-08	7.26E-09	1.33E-03	4.18E-07	1.22E-07	9.14E-05	2.89E-08	8.39E-09	1.33E-03	4.21E-07	1.22E-07	4.15E-05	1.31E-08	3.81E-09
4958	485363.09, 3862877.25	1.40E-03	4.40E-07	1.28E-07	7.68E-05	2.42E-08	7.05E-09	1.41E-03	4.44E-07	1.29E-07	8.88E-05	2.80E-08	8.15E-09	1.42E-03	4.49E-07	1.31E-07	4.03E-05	1.27E-08	3.70E-09
4959	485863.09, 3862877.25	1.46E-03	4.62E-07	1.34E-07	7.24E-05	2.29E-08	6.65E-09	1.48E-03	4.66E-07	1.35E-07	8.38E-05	2.64E-08	7.69E-09	1.50E-03	4.73E-07	1.38E-07	3.80E-05	1.20E-08	3.49E-09
4960	486363.09, 3862877.25	1.54E-03	4.85E-07	1.41E-07	7.10E-05	2.24E-08	6.52E-09	1.55E-03	4.89E-07	1.42E-07	8.21E-05	2.59E-08	7.54E-09	1.58E-03	4.98E-07	1.45E-07	3.72E-05	1.17E-08	3.42E-09
4961	486863.09, 3862877.25	1.54E-03	4.86E-07	1.41E-07	7.02E-05	2.22E-08	6.45E-09	1.55E-03	4.90E-07	1.42E-07	8.12E-05	2.56E-08	7.46E-09	1.58E-03	4.99E-07	1.45E-07	3.68E-05	1.16E-08	3.38E-09
4962	487363.09, 3862877.25	1.58E-03	4.99E-07	1.45E-07	7.20E-05	2.27E-08	6.61E-09	1.59E-03	5.03E-07	1.46E-07	8.33E-05	2.63E-08	7.65E-09	1.62E-03	5.12E-07	1.49E-07	3.78E-05	1.19E-08	3.47E-09
4963	487863.09, 3862877.25	1.60E-03	5.04E-07	1.47E-07	7.44E-05	2.35E-08	6.83E-09	1.61E-03	5.08E-07	1.48E-07	8.60E-05	2.71E-08	7.89E-09	1.64E-03	5.17E-07	1.50E-07	3.91E-05	1.23E-08	3.59E-09
4964	488363.09, 3862877.25	1.55E-03	4.90E-07	1.43E-07	7.39E-05	2.33E-08	6.78E-09	1.57E-03	4.94E-07	1.44E-07	8.55E-05	2.70E-08	7.85E-09	1.59E-03	5.02E-07	1.46E-07	3.88E-05	1.22E-08	3.56E-09
4965	488863.09, 3862877.25	1.54E-03	4.86E-07	1.41E-07	7.14E-05	2.25E-08	6.56E-09	1.55E-03	4.90E-07	1.42E-07	8.26E-05	2.61E-08	7.59E-09	1.58E-03	4.99E-07	1.45E-07	3.75E-05	1.18E-08	3.44E-09
4966	489363.09, 3862877.25	1.57E-03	4.96E-07	1.44E-07	7.22E-05	2.28E-08	6.63E-09	1.58E-03	5.00E-07	1.45E-07	8.35E-05	2.64E-08	7.67E-09	1.61E-03	5.09E-07	1.48E-07	3.78E-05	1.19E-08	3.47E-09
4967	489863.09, 3862877.25	1.60E-03	5.03E-07	1.46E-07	7.52E-05	2.37E-08	6.91E-09	1.61E-03	5.08E-07	1.48E-07	8.70E-05	2.75E-08	7.99E-09	1.64E-03	5.16E-07	1.50E-07	3.94E-05	1.24E-08	3.62E-09
4968	490363.09, 3862877.25	1.63E-03	5.15E-07	1.50E-07	7.63E-05	2.41E-08	7.00E-09	1.65E-03	5.19E-07	1.51E-07	8.82E-05	2.78E-08	8.10E-09	1.67E-03	5.29E-07	1.54E-07	4.00E-05	1.26E-08	3.67E-09
4969	490863.09, 3862877.25	1.67E-03	5.28E-07	1.54E-07	7.67E-05	2.42E-08	7.04E-09	1.69E-03	5.33E-07	1.55E-07	8.87E-05	2.80E-08	8.15E-09	1.72E-03	5.42E-07	1.58E-07	4.02E-05	1.27E-08	3.70E-09
4970	491363.09, 3862877.25	1.69E-03	5.34E-07	1.55E-07	7.92E-05	2.50E-08	7.27E-09	1.70E-03	5.38E-07	1.56E-07	9.16E-05	2.89E-08	8.41E-09	1.73E-03	5.47E-07	1.59E-07	4.16E-05	1.31E-08	3.82E-09
4971	491863.09, 3862877.25	1.64E-03	5.17E-07	1.50E-07	7.77E-05	2.45E-08	7.14E-09	1.65E-03	5.21E-07	1.51E-07	8.99E-05	2.84E-08	8.25E-09	1.68E-03	5.30E-07	1.54E-07	4.08E-05	1.29E-08	3.75E-09
4972	492363.09, 3862877.25	1.60E-03	5.06E-07	1.47E-07	7.90E-05	2.49E-08	7.25E-09	1.62E-03	5.10E-07	1.48E-07	9.13E-05	2.88E-08	8.38E-09	1.64E-03	5.18E-07	1.51E-07	4.15E-05	1.31E-08	3.81E-09
4973	492863.09, 3862877.25	1.61E-03	5.07E-07	1.47E-07	8.30E-05	2.62E-08	7.62E-09	1.62E-03	5.11E-07	1.49E-07	9.60E-05	3.03E-08	8.81E-09	1.64E-03	5.18E-07	1.51E-07	4.35E-05	1.37E-08	4.00E-09
4974	493363.09, 3862877.25	1.63E-03	5.14E-07	1.49E-07	8.37E-05	2.64E-08	7.68E-09	1.64E-03	5.18E-07	1.51E-07	9.68E-05	3.06E-08	8.89E-09	1.66E-03	5.25E-07	1.53E-07	4.39E-05	1.39E-08	4.03E-09
4975	493863.09, 3862877.25	1.64E-03	5.17E-07	1.50E-07	8.01E-05	2.53E-08	7.36E-09	1.65E-03	5.21E-07	1.52E-07	9.27E-05	2.93E-08	8.51E-09	1.68E-03	5.29E-07	1.54E-07	4.21E-05	1.33E-08	3.86E-09
4976	494363.09, 3862877.25	1.62E-03	5.13E-07	1.49E-07	7.57E-05	2.39E-08	6.95E-09	1.64E-03	5.17E-07	1.50E-07	8.76E-05	2.76E-08	8.04E-09	1.67E-03	5.26E-07	1.53E-07	3.98E-05	1.26E-08	3.65E-09
4977	494863.09, 3862877.25	1.60E-03	5.05E-07	1.47E-07	7.32E-05	2.31E-08	6.72E-09	1.61E-03	5.09E-07	1.48E-07	8.47E-05	2.67E-08	7.78E-09	1.64E-03	5.18E-07	1.51E-07	3.85E-05	1.21E-08	3.53E-09
4978	495363.09, 3862877.25	1.58E-03	4.98E-07	1.45E-07	7.30E-05	2.30E-08	6.70E-09	1.59E-03	5.02E-07	1.46E-07	8.44E-05	2.66E-08	7.75E-09	1.62E-03	5.11E-07	1.49E-07	3.84E-05	1.21E-08	3.52E-09
4979	495863.09, 3862877.25	1.55E-03	4.89E-07	1.42E-07	7.32E-05	2.31E-08	6.72E-09	1.56E-03	4.93E-07	1.43E-07	8.47E-05	2.67E-08	7.77E-09	1.59E-03	5.02E-07	1.46E-07	3.85E-05	1.22E-08	3.53E-09
4980	496363.09, 3862877.25	1.51E-03	4.77E-07	1.39E-07	7.38E-05	2.33E-08	6.77E-09	1.52E-03	4.81E-07	1.40E-07	8.53E-05	2.69E-08	7.83E-09	1.55E-03	4.88E-07	1.42E-07	3.88E-05	1.22E-08	3.56E-09
4981	496863.09, 3862877.25	1.47E-03	4.63E-07	1.35E-07	7.53E-05	2.38E-08	6.92E-09	1.48E-03	4.67E-07	1.36E-07	8.71E-05	2.75E-08	8.00E-09	1.50E-03	4.74E-07	1.38E-07	3.96E-05	1.25E-08	3.64E-09
4982	497363.09, 3862877.25	1.42E-03	4.49E-07	1.31E-07	7.77E-05	2.45E-08	7.13E-09	1.44E-03	4.53E-07	1.32E-07	8.99E-05	2.84E-08	8.25E-09	1.45E-03	4.58E-07	1.33E-07	4.08E-05	1.29E-08	3.75E-09
4983	497863.09, 3862877.25	1.38E-03	4.37E-07	1.27E-07	8.01E-05	2.53E-08	7.35E-09	1.40E-03	4.41E-07	1.28E-07	9.26E-05	2.92E-08	8.51E-09	1.41E-03	4.45E-07	1.29E-07	4.21E-05	1.33E-08	3.86E-09
4984	498363.09, 3862877.25	1.35E-03	4.28E-07	1.24E-07	8.18E-05	2.58E-08	7.51E-09	1.37E-03	4.32E-07	1.26E-07	9.46E-05	2.98E-08	8.68E-09	1.38E-03	4.35E-07	1.27E-07	4.29E-05	1.35E-08	3.94E-09
4985	471363.09, 3863377.25	3.37E-04	1.06E-07	3.09E-08	3.43E-05	1.08E-08	3.14E-09	3.43E-04	1.08E-07	3.15E-08	3.96E-05	1.25E-08	3.63E-09	3.33E-04	1.05E-07	3.06E-08	1.81E-05	5.71E-09	1.66E-09
4986	471863.09, 3863377.25	3.50E-04	1.10E-07	3.21E-08	3.50E-05	1.10E-08	3.21E-09	3.56E-04	1.12E-07	3.26E-08	4.04E-05	1.28E-08	3.71E-09	3.46E-04	1.09E-07	3.18E-08	1.85E-05	5.83E-09	1.70E-09
4987	472363.09, 3863377.25	3.63E-04	1.15E-07	3.33E-08	3.57E-05	1.13E-08	3.28E-09	3.69E-04	1.17E-07	3.39E-08	4.13E-05	1.30E-08	3.79E-09	3.60E-04	1.14E-07	3.30E-08	1.89E-05	5.96E-09	1.73E-09
4988	472863.09, 3863377.25	3.77E-04	1.19E-07	3.46E-08	3.66E-05	1.15E-08	3.36E-09	3.83E-04	1.21E-07	3.52E-08	4.23E-05	1.33E-08	3.88E-09	3.74E-04	1.18E-07	3.43E-08	1.93E-05	6.10E-09	1.77E-09
4989	473363.09, 3863377.25	3.92E-04	1.24E-07	3.60E-08	3.74E-05	1.18E-08	3.43E-09	3.98E-04	1.26E-07	3.65E-08	4.32E-05	1.36E-08	3.97E-09	3.89E-04	1.23E-07	3.57E-08	1.98E-05	6.24E-09	1.81E-09
4990	473863.09, 3863377.25	4.06E-04	1.28E-07	3.73E-08	3.82E-05	1.21E-08	3.51E-09	4.12E-04	1.30E-07	3.79E-08	4.41E-05	1.39E-08	4.05E-09	4.03E-04	1.27E-07	3.70E-08	2.02E-05	6.37E-09	1.85E-09
4991	474363.09, 3863377.25	4.20E-04	1.33E-07	3.86E-08	3.88E-05	1.22E-08	3.56E-09	4.27E-04	1.35E-07	3.92E-08	4.48E-05	1.41E-08	4.11E-09	4.18E-04	1.32E-07	3.84E-08	2.05E-05	6.46E-09	1.88E-09
4992	474863.09, 3863377.25	4.40E-04	1.39E-07	4.04E-08	3.91E-05	1.23E-08	3.59E-09	4.46E-04	1.41E-07	4.10E-08	4.52E-05	1.43E-08	4.15E-09	4.39E-04	1.38E-07	4.03E-08	2.07E-05	6.52E-09	1.90E-09
4993	475363.09, 3863377.25	4.58E-04	1.45E-07	4.21E-08	3.96E-05	1.25E-08	3.63E-09	4.65E-04	1.47E-07	4.27E-08	4.57E-05	1.44E-08	4.20E-09	4.58E-04	1.44E-07	4.20E-08	2.09E-05	6.60E-09	1.92E-09
4994	475863.09, 3863377.25	4.80E-04	1.51E-07	4.41E-08	4.03E-05	1.27E-08	3.70E-09	4.87E-04	1.54E-07	4.47E-08	4.65E-05	1.47E-08	4.27E-09	4.80E-04	1.52E-07	4.41E-08	2.12E-05	6.71E-09	1.95E-09
4995	476363.09, 3863377.25	5.07E-04	1.60E-07	4.65E-08	4.13E-05	1.30E-08	3.79E-09	5.14E-04	1.62E-07	4.72E-08	4.77E-05	1.50E-08	4.38E-09	5.08E-04	1.60E-07	4.66E-08	2.18E-05	6.87E-09	2.00E-09
4996	476863.09, 3863377.25	5.36E-04	1.69E-07	4.92E-08	4.29E-05	1.35E-08	3.94E-09	5.43E-04	1.71E-07	4.98E-08	4.96E-05	1.56E-08	4.55E-09	5.37E-04	1.70E-07	4.93E-08	2.26E-05	7.15E-09	2.08E-09
4997	477363.09, 3863377.25	5.62E-04	1.77E-07	5.16E-08	4.52E-05	1.43E-08	4.15E-09	5.69E-04	1.80E-07	5.23E-08	5.23E-05	1.65E-08	4.80E-09	5.63E-04	1.78E-07	5.17E-08	2.39E-05	7.53E-09	2.19E-09
4998	477863.09, 3863377.25	5.71E-04	1.80E-07	5.24E-08	4.80E-05	1.52E-08	4.41E-09	5.79E-04	1.83E-07	5.32E-08	5.55E-05	1.75E-08	5.10E-09	5.71E-04	1.80E-07	5.24E-08	2.53E-05	8.00E-09	2.33E-09
4999	478363.09, 3863377.25	5.23E-04	1.65E-07	4.80E-08	5.03E-05	1.59E-08	4.61E-09	5.31E-04	1.68E-07	4.88E-08	5.81E-05	1.83E-08	5.33E-09	5.19E-04	1.64E-07	4.76E-08	2.65E-05	8.37E-09	2.43E-09
5000	478863.09, 3863377.25	5.72E-04	1.81E-07	5.25E-08	5.25E-05	1.66E-08	4.82E-09	5.81E-04	1.83E-07	5.33E-08	6.07E-05	1.92E-08	5.57E-09	5.70E-04	1.80E-07	5.23E-08	2.77E-05	8.74E-09	2.54E-09
5001	479363.09, 3863377.25	6.72E-04	2.12E-07	6.17E-08	5.54E-05	1.75E-08	5.09E-09	6.81E-04	2.15E-07	6.25E-08	6.41E-05	2.02E-08	5.88E-09	6.73E-04	2.12E-07	6.18E-08	2.92E-05	9.22E-09	2.68E-09
5002	479863.09, 3863377.25	7.53E-04	2.38E-07	6.91E-08	5.79E-05	1.83E-08	5.31E-09	7.63E-04	2.41E-07	7.00E-08	6.69E-05	2.11E-08	6.14E-09	7.57E-04	2.39E-07	6.95E-08	3.05E-05	9.62E-09	2.80E-09
5003	480363.09, 3863377.25	7.95E-04	2.51E-07	7.30E-08	6.13E-05	1.93E-08	5.63E-09	8.06E-04	2.54E-07	7.40E-08	7.08E-05	2.24E-08	6.50E-09	8.00E-04	2.52E-07	7.34E-08	3.23E-05	1.02E-08	2.96E-09
5004	480863.09, 3863377.25	8.32E-04	2.63E-07	7.64E-08	6.52E-05	2.06E-08	5.98E-09	8.43E-04	2.66E-07	7.74E-08	7.53E-05	2.38E-08	6.92E-09	8.36E-04	2.64E-07	7.68E-08	3.43E-05	1.08E-08	3.15E-09
5005	481363.09, 3863377.25	8.66E-04	2.73E-07	7.95E-08	6.71E-05	2.12E-08	6.16E-09	8.77E-04	2.77E-07	8.05E-08	7.76E-05	2.45E-08	7.12E-09	8.71E-04	2.75E-07	7.99E-08	3.53E-05	1.11E-08	3.24E-09
5006	481863.09, 3863377.25	8.98E-04	2.83E-07	8.24E-08	6.79E-05	2.14E-08	6.23E-09	9.10E-04	2.87E-07	8.35E-08	7.85E-05	2.48E-08	7.20E-09	9.04E-04	2.85E-07	8.30E-08	3.57E-05	1.13E-08	3.27E-09
5007	482363.09, 3863377.25	9.36E-04	2.96E-07	8.60E-08	6.94E-05	2.19E-08	6.37E-09	9.48E-04	2.99E-07	8.70E-08	8.02E-05	2.53E-08	7.37E-09	9.44E-04	2.98E-07	8.67E-08	3.64E-05	1.15E-08	3.34E-09
5008	482863.09, 3863377.25	9.75E-04	3.08E-07	8.95E-08	7.15E-05	2.26E-08	6.57E-09	9.87E-04	3.12E-07	9.06E-08	8.27E-05	2.61E-08	7.59E-09	9.84E-04	3.10E-07	9.03E-08	3.75E-05	1.18E-08	3.45E-09
5009	483363.09, 3863377.25	1.01E-03	3.19E-07	9.27E-08	7.20E-05	2.27E-08	6.61E-09	1.02E-03	3.23E-07	9.38E-08	8.32E-05	2.63E-08	7.64E-09	1.02E-03	3.22E-07	9.37E-08	3.78E-05	1.19E-08	3.47E-09
5010	483863.09, 3863377.25	1.04E-03	3.29E-07	9.56E-08	7.11E-05	2.24E-08	6.52E-09	1.05E-03	3.32E-07	9.67E-08	8.22E-05	2.59E-08	7.54E-09	1.05E-03	3.33E-07	9.67E-08	3.73E-05	1.18E-08	3.42E-09
5011	484363.09, 3863377.25	1.08E-03	3.41E-07	9.92E-08	7.05E-05	2.22E-08	6.47E-09	1.09E-03	3.45E-07	1.00E-07	8.15E-05	2.57E-08	7.48E-09	1.10E-03	3.46E-07	1.01E-07	3.70E-05	1.17E-08	3.39E-09
5012	484863.09, 3863377.25	1.14E-03	3.60E-07	1.05E-07	7.09E-05	2.24E-08	6.51E-09	1.15E-03	3.64E-07	1.06E-07	8.20E-05	2.59E-08	7.53E-09	1.16E-03	3.66E-07	1.06E-07	3.72E-05	1.18E-08	3.42E-09

5013 485363.09, 3863377.25	1.19E-03	3.77E-07	1.10E-07	6.78E-05	2.14E-08	6.23E-09	1.21E-03	3.80E-07	1.11E-07	7.84E-05	2.48E-08	7.20E-09	1.22E-03	3.84E-07	1.12E-07	3.56E-05	1.12E-08	3.27E-09
5014 485863.09, 3863377.25	1.25E-03	3.94E-07	1.14E-07	6.42E-05	2.03E-08	5.90E-09	1.26E-03	3.97E-07	1.15E-07	7.43E-05	2.34E-08	6.82E-09	1.28E-03	4.03E-07	1.17E-07	3.37E-05	1.06E-08	3.09E-09
5015 486363.09, 3863377.25	1.28E-03	4.03E-07	1.17E-07	6.27E-05	1.98E-08	5.76E-09	1.29E-03	4.06E-07	1.18E-07	7.25E-05	2.29E-08	6.66E-09	1.31E-03	4.13E-07	1.20E-07	3.29E-05	1.04E-08	3.02E-09
5016 486863.09, 3863377.25	1.27E-03	4.00E-07	1.16E-07	6.22E-05	1.96E-08	5.71E-09	1.28E-03	4.03E-07	1.17E-07	7.19E-05	2.27E-08	6.60E-09	1.30E-03	4.09E-07	1.19E-07	3.26E-05	1.03E-08	3.00E-09
5017 487363.09, 3863377.25	1.28E-03	4.04E-07	1.18E-07	6.38E-05	2.01E-08	5.86E-09	1.29E-03	4.08E-07	1.19E-07	7.38E-05	2.33E-08	6.77E-09	1.31E-03	4.14E-07	1.20E-07	3.35E-05	1.06E-08	3.07E-09
5018 487863.09, 3863377.25	1.29E-03	4.08E-07	1.19E-07	6.61E-05	2.09E-08	6.07E-09	1.30E-03	4.12E-07	1.20E-07	7.65E-05	2.41E-08	7.02E-09	1.32E-03	4.17E-07	1.21E-07	3.47E-05	1.10E-08	3.19E-09
5019 488363.09, 3863377.25	1.26E-03	3.99E-07	1.16E-07	6.64E-05	2.10E-08	6.10E-09	1.27E-03	4.02E-07	1.17E-07	7.68E-05	2.42E-08	7.05E-09	1.29E-03	4.07E-07	1.18E-07	3.49E-05	1.10E-08	3.20E-09
5020 488863.09, 3863377.25	1.24E-03	3.92E-07	1.14E-07	6.41E-05	2.02E-08	5.89E-09	1.25E-03	3.96E-07	1.15E-07	7.42E-05	2.34E-08	6.81E-09	1.27E-03	4.01E-07	1.17E-07	3.36E-05	1.06E-08	3.09E-09
5021 489363.09, 3863377.25	1.26E-03	3.99E-07	1.16E-07	6.31E-05	1.99E-08	5.80E-09	1.27E-03	4.02E-07	1.17E-07	7.30E-05	2.30E-08	6.70E-09	1.29E-03	4.08E-07	1.19E-07	3.31E-05	1.04E-08	3.04E-09
5022 489863.09, 3863377.25	1.28E-03	4.05E-07	1.18E-07	6.53E-05	2.06E-08	6.00E-09	1.29E-03	4.08E-07	1.19E-07	7.56E-05	2.39E-08	6.94E-09	1.31E-03	4.14E-07	1.20E-07	3.42E-05	1.08E-08	3.14E-09
5023 490363.09, 3863377.25	1.30E-03	4.09E-07	1.19E-07	6.76E-05	2.14E-08	6.21E-09	1.31E-03	4.13E-07	1.20E-07	7.83E-05	2.47E-08	7.18E-09	1.33E-03	4.19E-07	1.22E-07	3.54E-05	1.12E-08	3.25E-09
5024 490863.09, 3863377.25	1.34E-03	4.21E-07	1.23E-07	6.78E-05	2.14E-08	6.23E-09	1.35E-03	4.25E-07	1.24E-07	7.85E-05	2.48E-08	7.20E-09	1.37E-03	4.31E-07	1.25E-07	3.56E-05	1.12E-08	3.27E-09
5025 491363.09, 3863377.25	1.36E-03	4.31E-07	1.25E-07	6.85E-05	2.16E-08	6.29E-09	1.38E-03	4.34E-07	1.26E-07	7.93E-05	2.50E-08	7.28E-09	1.40E-03	4.41E-07	1.28E-07	3.60E-05	1.14E-08	3.30E-09
5026 491863.09, 3863377.25	1.37E-03	4.33E-07	1.26E-07	6.99E-05	2.21E-08	6.42E-09	1.38E-03	4.37E-07	1.27E-07	8.09E-05	2.55E-08	7.42E-09	1.40E-03	4.43E-07	1.29E-07	3.67E-05	1.16E-08	3.37E-09
5027 492363.09, 3863377.25	1.35E-03	4.26E-07	1.24E-07	6.99E-05	2.21E-08	6.42E-09	1.36E-03	4.30E-07	1.25E-07	8.08E-05	2.55E-08	7.42E-09	1.38E-03	4.36E-07	1.27E-07	3.67E-05	1.16E-08	3.37E-09
5028 492863.09, 3863377.25	1.33E-03	4.18E-07	1.22E-07	7.26E-05	2.29E-08	6.66E-09	1.34E-03	4.22E-07	1.23E-07	8.39E-05	2.65E-08	7.70E-09	1.35E-03	4.27E-07	1.24E-07	3.81E-05	1.20E-08	3.50E-09
5029 493363.09, 3863377.25	1.31E-03	4.14E-07	1.21E-07	7.74E-05	2.44E-08	7.11E-09	1.33E-03	4.19E-07	1.22E-07	8.95E-05	2.83E-08	8.22E-09	1.34E-03	4.22E-07	1.23E-07	4.06E-05	1.28E-08	3.73E-09
5030 493863.09, 3863377.25	1.33E-03	4.20E-07	1.22E-07	7.81E-05	2.46E-08	7.17E-09	1.34E-03	4.24E-07	1.23E-07	9.03E-05	2.85E-08	8.29E-09	1.35E-03	4.27E-07	1.24E-07	4.10E-05	1.29E-08	3.76E-09
5031 494363.09, 3863377.25	1.35E-03	4.25E-07	1.24E-07	7.40E-05	2.34E-08	6.79E-09	1.36E-03	4.29E-07	1.25E-07	8.56E-05	2.70E-08	7.86E-09	1.38E-03	4.34E-07	1.26E-07	3.89E-05	1.23E-08	3.57E-09
5032 494863.09, 3863377.25	1.35E-03	4.27E-07	1.24E-07	7.01E-05	2.21E-08	6.44E-09	1.36E-03	4.31E-07	1.25E-07	8.11E-05	2.56E-08	7.44E-09	1.38E-03	4.36E-07	1.27E-07	3.68E-05	1.16E-08	3.38E-09
5033 495363.09, 3863377.25	1.35E-03	4.26E-07	1.24E-07	6.83E-05	2.16E-08	6.27E-09	1.36E-03	4.30E-07	1.25E-07	7.90E-05	2.49E-08	7.25E-09	1.38E-03	4.36E-07	1.27E-07	3.59E-05	1.13E-08	3.29E-09
5034 495863.09, 3863377.25	1.35E-03	4.25E-07	1.24E-07	6.82E-05	2.15E-08	6.26E-09	1.36E-03	4.28E-07	1.25E-07	7.88E-05	2.49E-08	7.24E-09	1.38E-03	4.34E-07	1.26E-07	3.58E-05	1.13E-08	3.29E-09
5035 496363.09, 3863377.25	1.32E-03	4.17E-07	1.21E-07	6.61E-05	2.09E-08	6.07E-09	1.33E-03	4.21E-07	1.22E-07	7.64E-05	2.41E-08	7.02E-09	1.35E-03	4.27E-07	1.24E-07	3.47E-05	1.10E-08	3.19E-09
5036 496863.09, 3863377.25	1.28E-03	4.03E-07	1.17E-07	6.50E-05	2.05E-08	5.97E-09	1.29E-03	4.07E-07	1.18E-07	7.52E-05	2.37E-08	6.90E-09	1.31E-03	4.12E-07	1.20E-07	3.42E-05	1.08E-08	3.14E-09
5037 497363.09, 3863377.25	1.25E-03	3.94E-07	1.15E-07	6.56E-05	2.07E-08	6.03E-09	1.26E-03	3.97E-07	1.16E-07	7.59E-05	2.40E-08	6.97E-09	1.28E-03	4.02E-07	1.17E-07	3.45E-05	1.09E-08	3.17E-09
5038 497863.09, 3863377.25	1.22E-03	3.85E-07	1.12E-07	6.75E-05	2.13E-08	6.19E-09	1.23E-03	3.88E-07	1.13E-07	7.80E-05	2.46E-08	7.16E-09	1.24E-03	3.92E-07	1.14E-07	3.55E-05	1.12E-08	3.26E-09
5039 498363.09, 3863377.25	1.19E-03	3.75E-07	1.09E-07	6.97E-05	2.20E-08	6.40E-09	1.20E-03	3.79E-07	1.10E-07	8.06E-05	2.54E-08	7.40E-09	1.21E-03	3.82E-07	1.11E-07	3.66E-05	1.16E-08	3.36E-09
5040 471363.09, 3863877.25	3.31E-04	1.04E-07	3.04E-08	3.22E-05	1.02E-08	2.96E-09	3.36E-04	1.06E-07	3.09E-08	3.72E-05	1.18E-08	3.42E-09	3.28E-04	1.03E-07	3.01E-08	1.70E-05	5.38E-09	1.56E-09
5041 471863.09, 3863877.25	3.39E-04	1.07E-07	3.11E-08	3.29E-05	1.04E-08	3.02E-09	3.45E-04	1.09E-07	3.16E-08	3.80E-05	1.20E-08	3.49E-09	3.36E-04	1.06E-07	3.08E-08	1.74E-05	5.49E-09	1.60E-09
5042 472363.09, 3863877.25	3.51E-04	1.11E-07	3.22E-08	3.35E-05	1.06E-08	3.08E-09	3.57E-04	1.13E-07	3.27E-08	3.88E-05	1.22E-08	3.56E-09	3.48E-04	1.10E-07	3.20E-08	1.77E-05	5.60E-09	1.63E-09
5043 472863.09, 3863877.25	3.63E-04	1.15E-07	3.33E-08	3.41E-05	1.08E-08	3.13E-09	3.69E-04	1.16E-07	3.39E-08	3.94E-05	1.24E-08	3.61E-09	3.61E-04	1.14E-07	3.31E-08	1.80E-05	5.68E-09	1.65E-09
5044 473363.09, 3863877.25	3.77E-04	1.19E-07	3.46E-08	3.44E-05	1.09E-08	3.16E-09	3.83E-04	1.21E-07	3.52E-08	3.97E-05	1.25E-08	3.65E-09	3.76E-04	1.19E-07	3.45E-08	1.82E-05	5.74E-09	1.67E-09
5045 473863.09, 3863877.25	3.90E-04	1.23E-07	3.58E-08	3.47E-05	1.10E-08	3.19E-09	3.96E-04	1.25E-07	3.64E-08	4.01E-05	1.27E-08	3.68E-09	3.89E-04	1.23E-07	3.57E-08	1.83E-05	5.79E-09	1.68E-09
5046 474363.09, 3863877.25	4.06E-04	1.28E-07	3.73E-08	3.50E-05	1.11E-08	3.21E-09	4.12E-04	1.30E-07	3.79E-08	4.05E-05	1.28E-08	3.71E-09	4.06E-04	1.28E-07	3.73E-08	1.85E-05	5.84E-09	1.70E-09
5047 474863.09, 3863877.25	4.27E-04	1.35E-07	3.92E-08	3.54E-05	1.12E-08	3.25E-09	4.33E-04	1.37E-07	3.98E-08	4.09E-05	1.29E-08	3.76E-09	4.28E-04	1.35E-07	3.93E-08	1.87E-05	5.91E-09	1.72E-09
5048 475363.09, 3863877.25	4.47E-04	1.41E-07	4.11E-08	3.63E-05	1.15E-08	3.33E-09	4.54E-04	1.43E-07	4.16E-08	4.19E-05	1.32E-08	3.85E-09	4.48E-04	1.41E-07	4.12E-08	1.92E-05	6.05E-09	1.76E-09
5049 475863.09, 3863877.25	4.74E-04	1.50E-07	4.35E-08	3.73E-05	1.18E-08	3.43E-09	4.80E-04	1.52E-07	4.41E-08	4.31E-05	1.36E-08	3.96E-09	4.76E-04	1.50E-07	4.37E-08	1.97E-05	6.23E-09	1.81E-09
5050 476363.09, 3863877.25	4.98E-04	1.57E-07	4.57E-08	3.88E-05	1.23E-08	3.57E-09	5.05E-04	1.59E-07	4.63E-08	4.49E-05	1.42E-08	4.12E-09	5.00E-04	1.58E-07	4.59E-08	2.05E-05	6.48E-09	1.88E-09
5051 476863.09, 3863877.25	5.24E-04	1.65E-07	4.81E-08	4.07E-05	1.28E-08	3.73E-09	5.31E-04	1.68E-07	4.87E-08	4.70E-05	1.48E-08	4.31E-09	5.26E-04	1.66E-07	4.83E-08	2.15E-05	6.78E-09	1.97E-09
5052 477363.09, 3863877.25	5.48E-04	1.73E-07	5.03E-08	4.29E-05	1.35E-08	3.94E-09	5.55E-04	1.75E-07	5.09E-08	4.96E-05	1.57E-08	4.55E-09	5.50E-04	1.74E-07	5.05E-08	2.27E-05	7.15E-09	2.08E-09
5053 477863.09, 3863877.25	5.62E-04	1.77E-07	5.16E-08	4.53E-05	1.43E-08	4.16E-09	5.69E-04	1.80E-07	5.23E-08	5.24E-05	1.65E-08	4.81E-09	5.63E-04	1.78E-07	5.17E-08	2.39E-05	7.55E-09	2.19E-09
5054 478363.09, 3863877.25	5.45E-04	1.72E-07	5.00E-08	4.73E-05	1.49E-08	4.34E-09	5.53E-04	1.74E-07	5.07E-08	5.47E-05	1.73E-08	5.02E-09	5.44E-04	1.72E-07	4.99E-08	2.49E-05	7.87E-09	2.29E-09
5055 478863.09, 3863877.25	6.17E-04	1.95E-07	5.67E-08	4.93E-05	1.56E-08	4.52E-09	6.26E-04	1.98E-07	5.75E-08	5.70E-05	1.80E-08	5.23E-09	6.20E-04	1.96E-07	5.69E-08	2.60E-05	8.20E-09	2.38E-09
5056 479363.09, 3863877.25	6.63E-04	2.09E-07	6.09E-08	5.15E-05	1.62E-08	4.72E-09	6.72E-04	2.12E-07	6.17E-08	5.95E-05	1.88E-08	5.46E-09	6.66E-04	2.10E-07	6.12E-08	2.71E-05	8.56E-09	2.49E-09
5057 479863.09, 3863877.25	6.96E-04	2.20E-07	6.39E-08	5.43E-05	1.71E-08	4.98E-09	7.06E-04	2.23E-07	6.48E-08	6.27E-05	1.98E-08	5.76E-09	7.00E-04	2.21E-07	6.42E-08	2.86E-05	9.02E-09	2.62E-09
5058 480363.09, 3863877.25	7.26E-04	2.29E-07	6.67E-08	5.73E-05	1.81E-08	5.26E-09	7.36E-04	2.32E-07	6.76E-08	6.63E-05	2.09E-08	6.08E-09	7.30E-04	2.30E-07	6.70E-08	3.02E-05	9.52E-09	2.77E-09
5059 480863.09, 3863877.25	7.52E-04	2.37E-07	6.91E-08	5.99E-05	1.89E-08	5.50E-09	7.62E-04	2.41E-07	7.00E-08	6.93E-05	2.19E-08	6.36E-09	7.55E-04	2.38E-07	6.93E-08	3.15E-05	9.95E-09	2.89E-09
5060 481363.09, 3863877.25	7.75E-04	2.45E-07	7.11E-08	6.07E-05	1.92E-08	5.57E-09	7.85E-04	2.48E-07	7.21E-08	7.02E-05	2.22E-08	6.44E-09	7.79E-04	2.46E-07	7.15E-08	3.19E-05	1.01E-08	2.93E-09
5061 481863.09, 3863877.25	8.00E-04	2.53E-07	7.35E-08	6.10E-05	1.93E-08	5.60E-09	8.11E-04	2.56E-07	7.44E-08	7.06E-05	2.23E-08	6.48E-09	8.06E-04	2.54E-07	7.40E-08	3.21E-05	1.01E-08	2.94E-09
5062 482363.09, 3863877.25	8.30E-04	2.62E-07	7.62E-08	6.29E-05	1.98E-08	5.77E-09	8.41E-04	2.65E-07	7.72E-08	7.27E-05	2.30E-08	6.68E-09	8.36E-04	2.64E-07	7.67E-08	3.30E-05	1.04E-08	3.03E-09
5063 482863.09, 3863877.25	8.59E-04	2.71E-07	7.89E-08	6.42E-05	2.03E-08	5.89E-09	8.70E-04	2.75E-07	7.99E-08	7.42E-05	2.34E-08	6.81E-09	8.66E-04	2.73E-07	7.95E-08	3.37E-05	1.06E-08	3.09E-09
5064 483363.09, 3863877.25	8.88E-04	2.80E-07	8.15E-08	6.37E-05	2.01E-08	5.85E-09	8.99E-04	2.84E-07	8.25E-08	7.37E-05	2.33E-08	6.76E-09	8.97E-04	2.83E-07	8.24E-08	3.34E-05	1.05E-08	3.07E-09
5065 483863.09, 3863877.25	9.20E-04	2.91E-07	8.45E-08	6.30E-05	1.99E-08	5.79E-09	9.31E-04	2.94E-07	8.55E-08	7.29E-05	2.30E-08	6.69E-09	9.31E-04	2.94E-07	8.55E-08	3.31E-05	1.04E-08	3.04E-09
5066 484363.09, 3863877.25	9.58E-04	3.02E-07	8.79E-08	6.32E-05	1.99E-08	5.80E-09	9.69E-04	3.06E-07	8.89E-08	7.31E-05	2.31E-08	6.71E-09	9.71E-04	3.06E-07	8.91E-08	3.32E-05	1.05E-08	3.05E-09
5067 484863.09, 3863877.25	9.97E-04	3.15E-07	9.15E-08	6.35E-05	2.00E-08	5.83E-09	1.01E-03	3.18E-07	9.25E-08	7.34E-05	2.32E-08	6.74E-09	1.01E-03	3.19E-07	9.29E-08	3.34E-05	1.05E-08	3.06E-09
5068 485363.09, 3863877.25	1.03E-03	3.26E-07	9.48E-08	6.05E-05	1.91E-08	5.55E-09	1.04E-03	3.29E-07	9.58E-08	7.00E-05	2.21E-08	6.42E-09	1.05E-03	3.32E-07	9.66E-08	3.17E-05	1.00E-08	2.91E-09
5069 485863.09, 3863877.25	1.08E-03	3.40E-07	9.89E-08	5.77E-05	1.82E-08	5.30E-09	1.09E-03	3.43E-07	9.98E-08	6.68E-05	2.11E-08	6.13E-09	1.10E-03	3.47E-07	1.01E-07	3.03E-05	9.56E-09	2.78E-09
5070 486363.09, 3863877.25	1.07E-03	3.38E-07	9.84E-08	5.60E-05	1.77E-08	5.14E-09	1.08E-03	3.41E-07	9.93E-08	6.47E-05	2.04E-08	5.94E-09	1.10E-03	3.46E-07	1.01E-07	2.94E-05	9.27E-09	2.70E-09
5071 486863.09, 3863877.25	1.07E-03	3.37E-07	9.79E-08	5.52E-05	1.74E-08	5.07E-09	1.08E-03	3.39E-07	9.87E-08	6.38E-05	2.02E-08	5.86E-09	1.09E-03	3.44E-07	1.00E-07	2.90E-05	9.14E-09	2.66E-09
5072 487363.09, 3863877.25	1.06E-03	3.36E-07	9.77E-08	5.66E-05	1.79E-08	5.20E-09	1.07E-03	3.39E-07	9.86E-08	6.55E-05	2.07E-08	6.01E-09	1.09E-03	3.43E-07	9.98E-08	2.98E-05	9.39E-09	2.73E-09
5073 487863.09, 3863877.25	1.07E-03	3.39E-07	9.85E-08	5.91E-05	1.86E-08	5.42E-09	1.08E-03	3.42E-07	9.94E-08	6.83E-05	2.16E-08	6.27E-09	1.09E-03	3.45E-07	1.00E-07	3.11E-05	9.80E-09	2.85E-09
5074 488363.09, 3863877.25	1.06E-03	3.34E-07	9.71E-08	6.00E-05	1.89E-08	5.51E-09	1.07E-03	3.37E-07	9.81E-08	6.94E-05	2.19E-08	6.37E-09	1.08E-03	3.40E-07	9.90E-08	3.15E-05	9.95E-09	2.89E-09
5075 488863.09, 3863877.25	1.04E-03	3.27E-07	9.51E-08	5.84E-05	1.84E-08	5.36E-09	1.05E-03	3.30E-07	9.60E-08	6.75E-05	2.13E-08	6.20E-09	1.06E-03	3.34E-07	9.70E-08	3.06E-05	9.66E-09	2.81E-09
5076 489363.09, 3863877.25	1.05E-03	3.31E-07	9.62E-08	5.64E-05	1.78E-08	5.18E-09	1.06E-03	3.34E-07	9.71E-08	6.52E-05	2.06E-08	5.99E-09	1.07E-03	3.38E-07	9.82E-08	2.96E-05	9.33E-09	2.71E-09
5077 489863.09, 3863877.25	1.07E-03	3.36E-07	9.78E-08	5.72E-05	1.81E-08	5.25E-09	1.08E-03	3.39E-07	9.87E-08	6.62E-05	2.09E-08	6.08E-09	1.09E-03	3.44E-07	9.99E-08	3.00E-05	9.46E-09	2.75E-09
5078 490363.09, 3863877.25	1.07E-03	3.38E-07	9.84E-08	5.99E-05	1.89E-08	5.49E-09	1.08E-03	3.41E-07	9.93E-08	6.92E-05	2.19E-08	6.36E-09	1.09E-03	3.45E-07	1.00E-07	3.14E-05	9.90E-09	2.88E-09

5079 490863.09, 3863877.25	1.09E-03	3.45E-07	1.00E-07	6.10E-05	1.92E-08	5.60E-09	1.10E-03	3.48E-07	1.01E-07	7.05E-05	2.23E-08	6.47E-09	1.11E-03	3.52E-07	1.02E-07	3.20E-05	1.01E-08	2.93E-09
5080 491363.09, 3863877.25	1.12E-03	3.53E-07	1.03E-07	6.06E-05	1.91E-08	5.56E-09	1.13E-03	3.56E-07	1.04E-07	7.00E-05	2.21E-08	6.43E-09	1.14E-03	3.60E-07	1.05E-07	3.18E-05	1.00E-08	2.92E-09
5081 491863.09, 3863877.25	1.16E-03	3.67E-07	1.07E-07	6.37E-05	2.01E-08	5.85E-09	1.17E-03	3.70E-07	1.08E-07	7.36E-05	2.32E-08	6.76E-09	1.19E-03	3.74E-07	1.09E-07	3.34E-05	1.06E-08	3.07E-09
5082 492363.09, 3863877.25	1.17E-03	3.68E-07	1.07E-07	6.62E-05	2.09E-08	6.08E-09	1.18E-03	3.72E-07	1.08E-07	7.66E-05	2.42E-08	7.03E-09	1.19E-03	3.75E-07	1.09E-07	3.48E-05	1.10E-08	3.20E-09
5083 492863.09, 3863877.25	1.08E-03	3.42E-07	9.94E-08	6.56E-05	2.07E-08	6.02E-09	1.09E-03	3.45E-07	1.00E-07	7.58E-05	2.39E-08	6.96E-09	1.10E-03	3.47E-07	1.01E-07	3.45E-05	1.09E-08	3.16E-09
5084 493363.09, 3863877.25	1.05E-03	3.31E-07	9.63E-08	6.68E-05	2.11E-08	6.13E-09	1.06E-03	3.35E-07	9.73E-08	7.72E-05	2.44E-08	7.09E-09	1.06E-03	3.36E-07	9.77E-08	3.51E-05	1.11E-08	3.22E-09
5085 493863.09, 3863877.25	1.05E-03	3.33E-07	9.69E-08	7.01E-05	2.21E-08	6.43E-09	1.07E-03	3.37E-07	9.79E-08	8.10E-05	2.56E-08	7.44E-09	1.07E-03	3.37E-07	9.81E-08	3.68E-05	1.16E-08	3.38E-09
5086 494363.09, 3863877.25	1.08E-03	3.42E-07	9.96E-08	7.07E-05	2.23E-08	6.49E-09	1.10E-03	3.46E-07	1.01E-07	8.18E-05	2.58E-08	7.50E-09	1.10E-03	3.47E-07	1.01E-07	3.71E-05	1.17E-08	3.41E-09
5087 494863.09, 3863877.25	1.11E-03	3.50E-07	1.02E-07	6.80E-05	2.15E-08	6.25E-09	1.12E-03	3.54E-07	1.03E-07	7.87E-05	2.48E-08	7.22E-09	1.13E-03	3.55E-07	1.03E-07	3.58E-05	1.13E-08	3.28E-09
5088 495363.09, 3863877.25	1.12E-03	3.54E-07	1.03E-07	6.42E-05	2.03E-08	5.90E-09	1.13E-03	3.58E-07	1.04E-07	7.43E-05	2.34E-08	6.82E-09	1.14E-03	3.61E-07	1.05E-07	3.38E-05	1.07E-08	3.10E-09
5089 495863.09, 3863877.25	1.13E-03	3.55E-07	1.03E-07	6.18E-05	1.95E-08	5.67E-09	1.14E-03	3.58E-07	1.04E-07	7.14E-05	2.25E-08	6.56E-09	1.15E-03	3.62E-07	1.05E-07	3.25E-05	1.02E-08	2.98E-09
5090 496363.09, 3863877.25	1.14E-03	3.59E-07	1.04E-07	6.04E-05	1.91E-08	5.54E-09	1.15E-03	3.62E-07	1.05E-07	6.98E-05	2.20E-08	6.41E-09	1.16E-03	3.67E-07	1.07E-07	3.17E-05	1.00E-08	2.91E-09
5091 496863.09, 3863877.25	1.13E-03	3.57E-07	1.04E-07	5.97E-05	1.89E-08	5.48E-09	1.14E-03	3.60E-07	1.05E-07	6.91E-05	2.18E-08	6.34E-09	1.16E-03	3.65E-07	1.06E-07	3.14E-05	9.91E-09	2.88E-09
5092 497363.09, 3863877.25	1.11E-03	3.52E-07	1.02E-07	5.92E-05	1.87E-08	5.44E-09	1.12E-03	3.55E-07	1.03E-07	6.85E-05	2.16E-08	6.29E-09	1.14E-03	3.59E-07	1.05E-07	3.11E-05	9.83E-09	2.86E-09
5093 497863.09, 3863877.25	1.09E-03	3.45E-07	1.00E-07	5.91E-05	1.87E-08	5.43E-09	1.10E-03	3.48E-07	1.01E-07	6.84E-05	2.16E-08	6.28E-09	1.12E-03	3.52E-07	1.02E-07	3.11E-05	9.82E-09	2.86E-09
5094 498363.09, 3863877.25	1.07E-03	3.36E-07	9.78E-08	5.96E-05	1.88E-08	5.47E-09	1.08E-03	3.39E-07	9.87E-08	6.89E-05	2.18E-08	6.33E-09	1.09E-03	3.43E-07	9.97E-08	3.13E-05	9.89E-09	2.88E-09
5095 471363.09, 3864377.25	3.19E-04	1.01E-07	2.92E-08	3.03E-05	9.55E-09	2.78E-09	3.24E-04	1.02E-07	2.97E-08	3.50E-05	1.10E-08	3.21E-09	3.16E-04	9.98E-08	2.90E-08	1.60E-05	5.05E-09	1.47E-09
5096 471863.09, 3864377.25	3.27E-04	1.03E-07	3.00E-08	3.06E-05	9.67E-09	2.81E-09	3.32E-04	1.05E-07	3.05E-08	3.54E-05	1.12E-08	3.25E-09	3.25E-04	1.03E-07	2.98E-08	1.62E-05	5.11E-09	1.49E-09
5097 472363.09, 3864377.25	3.38E-04	1.07E-07	3.10E-08	3.09E-05	9.76E-09	2.84E-09	3.43E-04	1.08E-07	3.15E-08	3.57E-05	1.13E-08	3.28E-09	3.36E-04	1.06E-07	3.08E-08	1.64E-05	5.16E-09	1.50E-09
5098 472863.09, 3864377.25	3.49E-04	1.10E-07	3.20E-08	3.11E-05	9.82E-09	2.86E-09	3.54E-04	1.12E-07	3.25E-08	3.59E-05	1.13E-08	3.30E-09	3.48E-04	1.10E-07	3.19E-08	1.65E-05	5.19E-09	1.51E-09
5099 473363.09, 3864377.25	3.64E-04	1.15E-07	3.34E-08	3.12E-05	9.86E-09	2.87E-09	3.69E-04	1.17E-07	3.39E-08	3.61E-05	1.14E-08	3.31E-09	3.64E-04	1.15E-07	3.34E-08	1.65E-05	5.21E-09	1.52E-09
5100 473863.09, 3864377.25	3.80E-04	1.20E-07	3.49E-08	3.16E-05	9.98E-09	2.90E-09	3.85E-04	1.22E-07	3.54E-08	3.65E-05	1.15E-08	3.35E-09	3.80E-04	1.20E-07	3.49E-08	1.67E-05	5.28E-09	1.53E-09
5101 474363.09, 3864377.25	3.98E-04	1.25E-07	3.65E-08	3.23E-05	1.02E-08	2.96E-09	4.03E-04	1.27E-07	3.70E-08	3.73E-05	1.18E-08	3.42E-09	3.98E-04	1.26E-07	3.66E-08	1.71E-05	5.39E-09	1.57E-09
5102 474863.09, 3864377.25	4.19E-04	1.32E-07	3.84E-08	3.30E-05	1.04E-08	3.03E-09	4.24E-04	1.34E-07	3.89E-08	3.82E-05	1.20E-08	3.50E-09	4.20E-04	1.33E-07	3.85E-08	1.75E-05	5.51E-09	1.60E-09
5103 475363.09, 3864377.25	4.39E-04	1.39E-07	4.03E-08	3.41E-05	1.08E-08	3.13E-09	4.45E-04	1.40E-07	4.09E-08	3.94E-05	1.24E-08	3.62E-09	4.41E-04	1.39E-07	4.05E-08	1.81E-05	5.70E-09	1.66E-09
5104 475863.09, 3864377.25	4.60E-04	1.45E-07	4.22E-08	3.54E-05	1.12E-08	3.25E-09	4.66E-04	1.47E-07	4.28E-08	4.09E-05	1.29E-08	3.75E-09	4.62E-04	1.46E-07	4.24E-08	1.87E-05	5.91E-09	1.72E-09
5105 476363.09, 3864377.25	4.78E-04	1.51E-07	4.39E-08	3.69E-05	1.17E-08	3.39E-09	4.84E-04	1.53E-07	4.45E-08	4.26E-05	1.35E-08	3.92E-09	4.80E-04	1.52E-07	4.41E-08	1.95E-05	6.16E-09	1.79E-09
5106 476863.09, 3864377.25	4.96E-04	1.57E-07	4.55E-08	3.87E-05	1.22E-08	3.56E-09	5.03E-04	1.59E-07	4.61E-08	4.47E-05	1.41E-08	4.11E-09	4.98E-04	1.57E-07	4.57E-08	2.05E-05	6.46E-09	1.88E-09
5107 477363.09, 3864377.25	5.19E-04	1.64E-07	4.76E-08	4.05E-05	1.28E-08	3.72E-09	5.26E-04	1.66E-07	4.83E-08	4.68E-05	1.48E-08	4.30E-09	5.21E-04	1.64E-07	4.78E-08	2.14E-05	6.75E-09	1.96E-09
5108 477863.09, 3864377.25	5.42E-04	1.71E-07	4.98E-08	4.21E-05	1.33E-08	3.87E-09	5.49E-04	1.73E-07	5.04E-08	4.87E-05	1.54E-08	4.47E-09	5.44E-04	1.72E-07	5.00E-08	2.22E-05	7.02E-09	2.04E-09
5109 478363.09, 3864377.25	5.67E-04	1.79E-07	5.21E-08	4.37E-05	1.38E-08	4.01E-09	5.75E-04	1.81E-07	5.27E-08	5.05E-05	1.59E-08	4.63E-09	5.70E-04	1.80E-07	5.23E-08	2.30E-05	7.27E-09	2.12E-09
5110 478863.09, 3864377.25	5.93E-04	1.87E-07	5.44E-08	4.57E-05	1.44E-08	4.20E-09	6.00E-04	1.89E-07	5.51E-08	5.28E-05	1.67E-08	4.85E-09	5.96E-04	1.88E-07	5.47E-08	2.41E-05	7.61E-09	2.21E-09
5111 479363.09, 3864377.25	6.18E-04	1.95E-07	5.67E-08	4.81E-05	1.52E-08	4.42E-09	6.26E-04	1.98E-07	5.75E-08	5.56E-05	1.76E-08	5.11E-09	6.20E-04	1.96E-07	5.70E-08	2.54E-05	8.01E-09	2.33E-09
5112 479863.09, 3864377.25	6.40E-04	2.02E-07	5.87E-08	5.10E-05	1.61E-08	4.68E-09	6.48E-04	2.05E-07	5.95E-08	5.89E-05	1.86E-08	5.41E-09	6.42E-04	2.03E-07	5.89E-08	2.69E-05	8.48E-09	2.47E-09
5113 480363.09, 3864377.25	6.59E-04	2.08E-07	6.05E-08	5.36E-05	1.69E-08	4.92E-09	6.68E-04	2.11E-07	6.13E-08	6.20E-05	1.96E-08	5.69E-09	6.61E-04	2.08E-07	6.06E-08	2.82E-05	8.90E-09	2.59E-09
5114 480863.09, 3864377.25	6.74E-04	2.13E-07	6.19E-08	5.46E-05	1.72E-08	5.01E-09	6.84E-04	2.16E-07	6.28E-08	6.31E-05	1.99E-08	5.79E-09	6.77E-04	2.14E-07	6.21E-08	2.87E-05	9.05E-09	2.63E-09
5115 481363.09, 3864377.25	6.91E-04	2.18E-07	6.34E-08	5.47E-05	1.73E-08	5.02E-09	7.00E-04	2.21E-07	6.43E-08	6.32E-05	2.00E-08	5.80E-09	6.94E-04	2.19E-07	6.37E-08	2.87E-05	9.07E-09	2.64E-09
5116 481863.09, 3864377.25	7.14E-04	2.26E-07	6.56E-08	5.55E-05	1.75E-08	5.09E-09	7.24E-04	2.28E-07	6.65E-08	6.42E-05	2.02E-08	5.89E-09	7.19E-04	2.27E-07	6.60E-08	2.91E-05	9.19E-09	2.67E-09
5117 482363.09, 3864377.25	7.42E-04	2.34E-07	6.81E-08	5.69E-05	1.80E-08	5.23E-09	7.51E-04	2.37E-07	6.90E-08	6.58E-05	2.08E-08	6.04E-09	7.47E-04	2.36E-07	6.85E-08	2.99E-05	9.43E-09	2.74E-09
5118 482863.09, 3864377.25	7.68E-04	2.43E-07	7.05E-08	5.75E-05	1.81E-08	5.28E-09	7.78E-04	2.46E-07	7.14E-08	6.65E-05	2.10E-08	6.11E-09	7.74E-04	2.44E-07	7.11E-08	3.02E-05	9.52E-09	2.77E-09
5119 483363.09, 3864377.25	7.96E-04	2.51E-07	7.30E-08	5.67E-05	1.79E-08	5.20E-09	8.05E-04	2.54E-07	7.39E-08	6.56E-05	2.07E-08	6.02E-09	8.04E-04	2.54E-07	7.38E-08	2.97E-05	9.39E-09	2.73E-09
5120 483863.09, 3864377.25	8.26E-04	2.61E-07	7.58E-08	5.63E-05	1.78E-08	5.17E-09	8.36E-04	2.64E-07	7.67E-08	6.51E-05	2.06E-08	5.98E-09	8.36E-04	2.64E-07	7.67E-08	2.96E-05	9.34E-09	2.72E-09
5121 484363.09, 3864377.25	8.52E-04	2.69E-07	7.82E-08	5.72E-05	1.81E-08	5.25E-09	8.62E-04	2.72E-07	7.91E-08	6.62E-05	2.09E-08	6.07E-09	8.63E-04	2.72E-07	7.92E-08	3.01E-05	9.49E-09	2.76E-09
5122 484863.09, 3864377.25	8.74E-04	2.76E-07	8.02E-08	5.69E-05	1.80E-08	5.23E-09	8.84E-04	2.79E-07	8.11E-08	6.58E-05	2.08E-08	6.04E-09	8.86E-04	2.80E-07	8.13E-08	2.99E-05	9.44E-09	2.75E-09
5123 485363.09, 3864377.25	9.05E-04	2.86E-07	8.31E-08	5.41E-05	1.71E-08	4.97E-09	9.14E-04	2.88E-07	8.39E-08	6.26E-05	1.98E-08	5.75E-09	9.21E-04	2.91E-07	8.45E-08	2.84E-05	8.96E-09	2.61E-09
5124 485863.09, 3864377.25	9.27E-04	2.93E-07	8.51E-08	5.19E-05	1.64E-08	4.76E-09	9.36E-04	2.95E-07	8.59E-08	6.00E-05	1.89E-08	5.51E-09	9.46E-04	2.98E-07	8.68E-08	2.72E-05	8.59E-09	2.50E-09
5125 486363.09, 3864377.25	9.14E-04	2.88E-07	8.39E-08	5.03E-05	1.59E-08	4.62E-09	9.23E-04	2.91E-07	8.47E-08	5.82E-05	1.84E-08	5.34E-09	9.33E-04	2.94E-07	8.56E-08	2.64E-05	8.34E-09	2.42E-09
5126 486863.09, 3864377.25	9.16E-04	2.89E-07	8.41E-08	4.94E-05	1.56E-08	4.54E-09	9.24E-04	2.92E-07	8.49E-08	5.72E-05	1.80E-08	5.25E-09	9.35E-04	2.95E-07	8.59E-08	2.60E-05	8.19E-09	2.38E-09
5127 487363.09, 3864377.25	9.07E-04	2.86E-07	8.33E-08	5.07E-05	1.60E-08	4.65E-09	9.15E-04	2.89E-07	8.40E-08	5.86E-05	1.85E-08	5.38E-09	9.25E-04	2.92E-07	8.49E-08	2.67E-05	8.41E-09	2.45E-09
5128 487863.09, 3864377.25	9.10E-04	2.87E-07	8.35E-08	5.31E-05	1.68E-08	4.88E-09	9.19E-04	2.90E-07	8.44E-08	6.14E-05	1.94E-08	5.64E-09	9.26E-04	2.92E-07	8.50E-08	2.79E-05	8.82E-09	2.57E-09
5129 488363.09, 3864377.25	9.01E-04	2.84E-07	8.27E-08	5.43E-05	1.71E-08	4.98E-09	9.10E-04	2.87E-07	8.35E-08	6.28E-05	1.98E-08	5.76E-09	9.16E-04	2.89E-07	8.41E-08	2.85E-05	9.01E-09	2.62E-09
5130 488863.09, 3864377.25	8.86E-04	2.80E-07	8.13E-08	5.35E-05	1.69E-08	4.91E-09	8.95E-04	2.83E-07	8.22E-08	6.19E-05	1.95E-08	5.68E-09	9.01E-04	2.84E-07	8.27E-08	2.81E-05	8.86E-09	2.58E-09
5131 489363.09, 3864377.25	8.90E-04	2.81E-07	8.17E-08	5.14E-05	1.62E-08	4.72E-09	8.99E-04	2.84E-07	8.25E-08	5.94E-05	1.88E-08	5.46E-09	9.07E-04	2.86E-07	8.33E-08	2.69E-05	8.50E-09	2.47E-09
5132 489863.09, 3864377.25	9.04E-04	2.85E-07	8.30E-08	5.09E-05	1.61E-08	4.67E-09	9.13E-04	2.88E-07	8.38E-08	5.89E-05	1.86E-08	5.40E-09	9.22E-04	2.91E-07	8.46E-08	2.67E-05	8.42E-09	2.45E-09
5133 490363.09, 3864377.25	9.10E-04	2.87E-07	8.36E-08	5.29E-05	1.67E-08	4.85E-09	9.19E-04	2.90E-07	8.44E-08	6.11E-05	1.93E-08	5.61E-09	9.27E-04	2.93E-07	8.51E-08	2.77E-05	8.74E-09	2.54E-09
5134 490863.09, 3864377.25	9.25E-04	2.92E-07	8.49E-08	5.54E-05	1.75E-08	5.09E-09	9.34E-04	2.95E-07	8.58E-08	6.41E-05	2.02E-08	5.89E-09	9.41E-04	2.97E-07	8.64E-08	2.90E-05	9.17E-09	2.67E-09
5135 491363.09, 3864377.25	9.45E-04	2.98E-07	8.68E-08	5.74E-05	1.81E-08	5.27E-09	9.55E-04	3.02E-07	8.77E-08	6.64E-05	2.10E-08	6.10E-09	9.62E-04	3.03E-07	8.83E-08	3.01E-05	9.51E-09	2.77E-09
5136 491863.09, 3864377.25	4.07E-04	1.28E-07	3.73E-08	4.27E-05	1.35E-08	3.92E-09	4.14E-04	1.31E-07	3.80E-08	4.94E-05	1.56E-08	4.53E-09	4.01E-04	1.27E-07	3.68E-08	2.25E-05	7.10E-09	2.06E-09
5137 492363.09, 3864377.25	7.78E-04	2.45E-07	7.14E-08	5.96E-05	1.88E-08	5.47E-09	7.88E-04	2.49E-07	7.23E-08	6.89E-05	2.18E-08	6.33E-09	7.82E-04	2.47E-07	7.18E-08	3.13E-05	9.89E-09	2.88E-09
5138 492863.09, 3864377.25	5.65E-04	1.78E-07	5.18E-08	5.31E-05	1.68E-08	4.87E-09	5.74E-04	1.81E-07	5.27E-08	6.14E-05	1.94E-08	5.63E-09	5.61E-04	1.77E-07	5.15E-08	2.80E-05	8.84E-09	2.57E-09
5139 493363.09, 3864377.25	7.60E-04	2.40E-07	6.98E-08	5.53E-05	1.75E-08	5.08E-09	7.69E-04	2.43E-07	7.06E-08	6.39E-05	2.02E-08	5.87E-09	7.66E-04	2.42E-07	7.03E-08	2.92E-05	9.21E-09	2.68E-09
5140 493863.09, 3864377.25	8.41E-04	2.65E-07	7.72E-08	5.91E-05	1.86E-08	5.42E-09	8.51E-04	2.68E-07	7.81E-08	6.83E-05	2.16E-08	6.27E-09	8.49E-04	2.68E-07	7.80E-08	3.10E-05	9.80E-09	2.85E-09
5141 494363.09, 3864377.25	8.80E-04	2.78E-07	8.08E-08	6.31E-05	1.99E-08	5.80E-09	8.90E-04	2.81E-07	8.17E-08	7.30E-05	2.30E-08	6.70E-09	8.88E-04	2.80E-07	8.15E-08	3.31E-05	1.05E-08	3.04E-09
5142 494863.09, 3864377.25	9.11E-04	2.88E-07	8.37E-08	6.40E-05	2.02E-08	5.88E-09	9.22E-04	2.91E-07	8.47E-08	7.41E-05	2.34E-08	6.80E-09	9.21E-04	2.91E-07	8.45E-08	3.36E-05	1.06E-08	3.09E-09
5143 495363.09, 3864377.25	9.31E-04	2.94E-07	8.55E-08	6.20E-05	1.96E-08	5.69E-09	9.42E-04	2.97E-07	8.65E-08	7.17E-05	2.26E-08	6.58E-09	9.43E-04	2.98E-07	8.66E-08	3.26E-05	1.03E-08	2.99E-09
5144 495863.09, 3864377.25	9.46E-04	2.99E-07	8.69E-08	5.87E-05	1.85E-08	5.39E-09	9.56E-04	3.02E-07	8.78E-08	6.79E-05	2.14E-08	6.23E-09	9.61E-04	3.03E-07	8.82E-08	3.09E-05	9.74E-09	2.83E-09

5145 496363.09, 3864377.25	9.59E-04	3.03E-07	8.80E-08	5.59E-05	1.77E-08	5.14E-09	9.68E-04	3.06E-07	8.89E-08	6.47E-05	2.04E-08	5.94E-09	9.76E-04	3.08E-07	8.96E-08	2.94E-05	9.28E-09	2.70E-09
5146 496863.09, 3864377.25	9.68E-04	3.05E-07	8.89E-08	5.48E-05	1.73E-08	5.03E-09	9.77E-04	3.08E-07	8.97E-08	6.34E-05	2.00E-08	5.82E-09	9.86E-04	3.11E-07	9.06E-08	2.88E-05	9.09E-09	2.64E-09
5147 497363.09, 3864377.25	9.76E-04	3.08E-07	8.96E-08	5.43E-05	1.71E-08	4.98E-09	9.85E-04	3.11E-07	9.04E-08	6.28E-05	1.98E-08	5.76E-09	9.95E-04	3.14E-07	9.13E-08	2.85E-05	9.00E-09	2.62E-09
5148 497863.09, 3864377.25	9.80E-04	3.09E-07	8.99E-08	5.47E-05	1.73E-08	5.02E-09	9.89E-04	3.12E-07	9.08E-08	6.33E-05	2.00E-08	5.81E-09	9.99E-04	3.15E-07	9.17E-08	2.88E-05	9.08E-09	2.64E-09
5149 498363.09, 3864377.25	9.64E-04	3.04E-07	8.85E-08	5.39E-05	1.70E-08	4.94E-09	9.73E-04	3.07E-07	8.94E-08	6.23E-05	1.97E-08	5.72E-09	9.83E-04	3.10E-07	9.02E-08	2.83E-05	8.94E-09	2.60E-09
5150 471363.09, 3864877.25	3.06E-04	9.67E-08	2.81E-08	2.79E-05	8.81E-09	2.56E-09	3.11E-04	9.82E-08	2.86E-08	3.22E-05	1.02E-08	2.96E-09	3.05E-04	9.62E-08	2.80E-08	1.48E-05	4.66E-09	1.36E-09
5151 471863.09, 3864877.25	3.16E-04	9.96E-08	2.90E-08	2.80E-05	8.84E-09	2.57E-09	3.20E-04	1.01E-07	2.94E-08	3.24E-05	1.02E-08	2.97E-09	3.15E-04	9.93E-08	2.89E-08	1.48E-05	4.68E-09	1.36E-09
5152 472363.09, 3864877.25	3.27E-04	1.03E-07	3.00E-08	2.81E-05	8.88E-09	2.58E-09	3.31E-04	1.05E-07	3.04E-08	3.25E-05	1.03E-08	2.98E-09	3.26E-04	1.03E-07	2.99E-08	1.49E-05	4.70E-09	1.37E-09
5153 472863.09, 3864877.25	3.39E-04	1.07E-07	3.12E-08	2.84E-05	8.98E-09	2.61E-09	3.44E-04	1.09E-07	3.16E-08	3.29E-05	1.04E-08	3.02E-09	3.39E-04	1.07E-07	3.12E-08	1.50E-05	4.75E-09	1.38E-09
5154 473363.09, 3864877.25	3.56E-04	1.12E-07	3.27E-08	2.89E-05	9.11E-09	2.65E-09	3.61E-04	1.14E-07	3.31E-08	3.33E-05	1.05E-08	3.06E-09	3.56E-04	1.12E-07	3.27E-08	1.53E-05	4.82E-09	1.40E-09
5155 473863.09, 3864877.25	3.73E-04	1.18E-07	3.42E-08	2.95E-05	9.32E-09	2.71E-09	3.78E-04	1.19E-07	3.47E-08	3.41E-05	1.08E-08	3.13E-09	3.74E-04	1.18E-07	3.43E-08	1.56E-05	4.94E-09	1.44E-09
5156 474363.09, 3864877.25	3.90E-04	1.23E-07	3.58E-08	3.04E-05	9.60E-09	2.79E-09	3.95E-04	1.25E-07	3.62E-08	3.51E-05	1.11E-08	3.22E-09	3.91E-04	1.23E-07	3.59E-08	1.61E-05	5.08E-09	1.48E-09
5157 474863.09, 3864877.25	4.06E-04	1.28E-07	3.73E-08	3.13E-05	9.89E-09	2.88E-09	4.12E-04	1.30E-07	3.78E-08	3.62E-05	1.14E-08	3.32E-09	4.08E-04	1.29E-07	3.75E-08	1.66E-05	5.24E-09	1.52E-09
5158 475363.09, 3864877.25	4.21E-04	1.33E-07	3.86E-08	3.24E-05	1.02E-08	2.97E-09	4.26E-04	1.35E-07	3.91E-08	3.74E-05	1.18E-08	3.43E-09	4.23E-04	1.33E-07	3.88E-08	1.71E-05	5.41E-09	1.57E-09
5159 475863.09, 3864877.25	4.35E-04	1.37E-07	3.99E-08	3.35E-05	1.06E-08	3.08E-09	4.41E-04	1.39E-07	4.04E-08	3.87E-05	1.22E-08	3.56E-09	4.37E-04	1.38E-07	4.01E-08	1.77E-05	5.60E-09	1.63E-09
5160 476363.09, 3864877.25	4.50E-04	1.42E-07	4.13E-08	3.50E-05	1.10E-08	3.21E-09	4.56E-04	1.44E-07	4.19E-08	4.04E-05	1.27E-08	3.71E-09	4.52E-04	1.43E-07	4.15E-08	1.85E-05	5.83E-09	1.70E-09
5161 476863.09, 3864877.25	4.68E-04	1.48E-07	4.30E-08	3.67E-05	1.16E-08	3.37E-09	4.74E-04	1.50E-07	4.35E-08	4.24E-05	1.34E-08	3.89E-09	4.70E-04	1.48E-07	4.31E-08	1.94E-05	6.12E-09	1.78E-09
5162 477363.09, 3864877.25	4.88E-04	1.54E-07	4.48E-08	3.81E-05	1.20E-08	3.50E-09	4.95E-04	1.56E-07	4.54E-08	4.40E-05	1.39E-08	4.04E-09	4.90E-04	1.55E-07	4.50E-08	2.01E-05	6.35E-09	1.85E-09
5163 477863.09, 3864877.25	5.10E-04	1.61E-07	4.68E-08	3.94E-05	1.24E-08	3.61E-09	5.16E-04	1.63E-07	4.74E-08	4.55E-05	1.44E-08	4.18E-09	5.12E-04	1.62E-07	4.70E-08	2.08E-05	6.56E-09	1.91E-09
5164 478363.09, 3864877.25	5.31E-04	1.68E-07	4.87E-08	4.10E-05	1.29E-08	3.76E-09	5.38E-04	1.70E-07	4.94E-08	4.73E-05	1.49E-08	4.35E-09	5.34E-04	1.68E-07	4.90E-08	2.16E-05	6.82E-09	1.98E-09
5165 478863.09, 3864877.25	5.51E-04	1.74E-07	5.06E-08	4.31E-05	1.36E-08	3.95E-09	5.58E-04	1.76E-07	5.13E-08	4.98E-05	1.57E-08	4.57E-09	5.53E-04	1.75E-07	5.08E-08	2.27E-05	7.17E-09	2.09E-09
5166 479363.09, 3864877.25	5.67E-04	1.79E-07	5.20E-08	4.54E-05	1.43E-08	4.17E-09	5.74E-04	1.81E-07	5.27E-08	5.25E-05	1.66E-08	4.82E-09	5.69E-04	1.79E-07	5.22E-08	2.39E-05	7.56E-09	2.20E-09
5167 479863.09, 3864877.25	5.79E-04	1.83E-07	5.32E-08	4.77E-05	1.50E-08	4.38E-09	5.87E-04	1.85E-07	5.39E-08	5.51E-05	1.74E-08	5.06E-09	5.80E-04	1.83E-07	5.33E-08	2.51E-05	7.92E-09	2.30E-09
5168 480363.09, 3864877.25	5.91E-04	1.87E-07	5.43E-08	4.94E-05	1.56E-08	4.53E-09	6.00E-04	1.89E-07	5.51E-08	5.71E-05	1.80E-08	5.24E-09	5.92E-04	1.87E-07	5.44E-08	2.60E-05	8.20E-09	2.38E-09
5169 480863.09, 3864877.25	6.05E-04	1.91E-07	5.55E-08	4.97E-05	1.57E-08	4.56E-09	6.13E-04	1.94E-07	5.63E-08	5.74E-05	1.81E-08	5.27E-09	6.06E-04	1.91E-07	5.57E-08	2.61E-05	8.24E-09	2.40E-09
5170 481363.09, 3864877.25	6.24E-04	1.97E-07	5.73E-08	4.98E-05	1.57E-08	4.57E-09	6.33E-04	2.00E-07	5.81E-08	5.76E-05	1.82E-08	5.29E-09	6.27E-04	1.98E-07	5.76E-08	2.62E-05	8.26E-09	2.40E-09
5171 481863.09, 3864877.25	6.48E-04	2.04E-07	5.95E-08	5.06E-05	1.60E-08	4.64E-09	6.57E-04	2.07E-07	6.03E-08	5.85E-05	1.85E-08	5.37E-09	6.52E-04	2.06E-07	5.98E-08	2.65E-05	8.38E-09	2.44E-09
5172 482363.09, 3864877.25	6.70E-04	2.12E-07	6.15E-08	5.16E-05	1.63E-08	4.73E-09	6.79E-04	2.14E-07	6.23E-08	5.96E-05	1.88E-08	5.48E-09	6.74E-04	2.13E-07	6.19E-08	2.71E-05	8.54E-09	2.48E-09
5173 482863.09, 3864877.25	6.94E-04	2.19E-07	6.37E-08	5.17E-05	1.63E-08	4.75E-09	7.03E-04	2.22E-07	6.45E-08	5.98E-05	1.89E-08	5.49E-09	7.00E-04	2.21E-07	6.42E-08	2.71E-05	8.56E-09	2.49E-09
5174 483363.09, 3864877.25	7.23E-04	2.28E-07	6.64E-08	5.10E-05	1.61E-08	4.68E-09	7.32E-04	2.31E-07	6.72E-08	5.89E-05	1.86E-08	5.41E-09	7.31E-04	2.31E-07	6.71E-08	2.68E-05	8.45E-09	2.46E-09
5175 483863.09, 3864877.25	7.45E-04	2.35E-07	6.84E-08	5.11E-05	1.61E-08	4.69E-09	7.54E-04	2.38E-07	6.92E-08	5.90E-05	1.86E-08	5.42E-09	7.53E-04	2.38E-07	6.92E-08	2.68E-05	8.47E-09	2.46E-09
5176 484363.09, 3864877.25	7.59E-04	2.39E-07	6.96E-08	5.21E-05	1.64E-08	4.78E-09	7.68E-04	2.42E-07	7.05E-08	6.02E-05	1.90E-08	5.53E-09	7.67E-04	2.42E-07	7.04E-08	2.74E-05	8.64E-09	2.51E-09
5177 484863.09, 3864877.25	7.76E-04	2.45E-07	7.12E-08	5.14E-05	1.62E-08	4.72E-09	7.84E-04	2.48E-07	7.20E-08	5.95E-05	1.88E-08	5.46E-09	7.86E-04	2.48E-07	7.21E-08	2.70E-05	8.52E-09	2.48E-09
5178 485363.09, 3864877.25	8.00E-04	2.52E-07	7.34E-08	4.91E-05	1.55E-08	4.50E-09	8.08E-04	2.55E-07	7.42E-08	5.67E-05	1.79E-08	5.21E-09	8.13E-04	2.57E-07	7.46E-08	2.57E-05	8.12E-09	2.36E-09
5179 485863.09, 3864877.25	8.02E-04	2.53E-07	7.36E-08	4.71E-05	1.49E-08	4.32E-09	8.10E-04	2.56E-07	7.43E-08	5.45E-05	1.72E-08	5.00E-09	8.16E-04	2.58E-07	7.49E-08	2.47E-05	7.80E-09	2.27E-09
5180 486363.09, 3864877.25	7.94E-04	2.51E-07	7.29E-08	4.55E-05	1.44E-08	4.18E-09	8.02E-04	2.53E-07	7.36E-08	5.26E-05	1.66E-08	4.83E-09	8.09E-04	2.55E-07	7.43E-08	2.39E-05	7.54E-09	2.19E-09
5181 486863.09, 3864877.25	7.98E-04	2.52E-07	7.32E-08	4.46E-05	1.41E-08	4.09E-09	8.05E-04	2.54E-07	7.39E-08	5.15E-05	1.63E-08	4.73E-09	8.14E-04	2.57E-07	7.47E-08	2.34E-05	7.39E-09	2.15E-09
5182 487363.09, 3864877.25	7.86E-04	2.48E-07	7.21E-08	4.55E-05	1.44E-08	4.18E-09	7.93E-04	2.50E-07	7.28E-08	5.26E-05	1.66E-08	4.83E-09	8.00E-04	2.52E-07	7.34E-08	2.39E-05	7.55E-09	2.20E-09
5183 487863.09, 3864877.25	7.84E-04	2.47E-07	7.20E-08	4.79E-05	1.51E-08	4.39E-09	7.92E-04	2.50E-07	7.27E-08	5.53E-05	1.75E-08	5.08E-09	7.97E-04	2.51E-07	7.31E-08	2.52E-05	7.95E-09	2.31E-09
5184 488363.09, 3864877.25	7.78E-04	2.45E-07	7.14E-08	4.94E-05	1.56E-08	4.53E-09	7.86E-04	2.48E-07	7.22E-08	5.71E-05	1.80E-08	5.24E-09	7.89E-04	2.49E-07	7.25E-08	2.59E-05	8.19E-09	2.38E-09
5185 488863.09, 3864877.25	7.69E-04	2.43E-07	7.06E-08	4.92E-05	1.55E-08	4.52E-09	7.77E-04	2.45E-07	7.13E-08	5.69E-05	1.80E-08	5.23E-09	7.80E-04	2.46E-07	7.16E-08	2.58E-05	8.15E-09	2.37E-09
5186 489363.09, 3864877.25	7.72E-04	2.44E-07	7.09E-08	4.74E-05	1.50E-08	4.35E-09	7.80E-04	2.46E-07	7.16E-08	5.48E-05	1.73E-08	5.03E-09	7.85E-04	2.48E-07	7.21E-08	2.49E-05	7.85E-09	2.28E-09
5187 489863.09, 3864877.25	7.80E-04	2.46E-07	7.16E-08	4.60E-05	1.45E-08	4.23E-09	7.88E-04	2.49E-07	7.24E-08	5.33E-05	1.68E-08	4.89E-09	7.94E-04	2.51E-07	7.29E-08	2.42E-05	7.63E-09	2.22E-09
5188 490363.09, 3864877.25	7.86E-04	2.48E-07	7.21E-08	4.69E-05	1.48E-08	4.31E-09	7.94E-04	2.50E-07	7.29E-08	5.43E-05	1.71E-08	4.98E-09	7.99E-04	2.52E-07	7.34E-08	2.46E-05	7.77E-09	2.26E-09
5189 490863.09, 3864877.25	7.46E-04	2.35E-07	6.85E-08	5.20E-05	1.64E-08	4.78E-09	7.55E-04	2.38E-07	6.93E-08	6.02E-05	1.90E-08	5.52E-09	7.54E-04	2.38E-07	6.92E-08	2.72E-05	8.60E-09	2.50E-09
5190 491363.09, 3864877.25	8.09E-04	2.55E-07	7.42E-08	5.27E-05	1.66E-08	4.83E-09	8.18E-04	2.58E-07	7.51E-08	6.09E-05	1.92E-08	5.59E-09	8.20E-04	2.59E-07	7.53E-08	2.76E-05	8.72E-09	2.53E-09
5191 491863.09, 3864877.25	7.45E-04	2.35E-07	6.84E-08	5.27E-05	1.66E-08	4.84E-09	7.54E-04	2.38E-07	6.93E-08	6.09E-05	1.92E-08	5.59E-09	7.53E-04	2.38E-07	6.92E-08	2.76E-05	8.73E-09	2.54E-09
5192 492363.09, 3864877.25	2.66E-04	8.39E-08	2.44E-08	2.64E-05	8.32E-09	2.42E-09	2.70E-04	8.53E-08	2.48E-08	3.04E-05	9.61E-09	2.79E-09	2.63E-04	8.30E-08	2.42E-08	1.40E-05	4.40E-09	1.28E-09
5193 492863.09, 3864877.25	3.66E-04	1.16E-07	3.36E-08	3.83E-05	1.21E-08	3.52E-09	3.73E-04	1.18E-07	3.42E-08	4.43E-05	1.40E-08	4.07E-09	3.61E-04	1.14E-07	3.32E-08	2.02E-05	6.39E-09	1.86E-09
5194 493363.09, 3864877.25	3.76E-04	1.19E-07	3.45E-08	3.65E-05	1.15E-08	3.35E-09	3.82E-04	1.21E-07	3.51E-08	4.21E-05	1.33E-08	3.87E-09	3.73E-04	1.18E-07	3.42E-08	1.93E-05	6.08E-09	1.77E-09
5195 493863.09, 3864877.25	7.02E-04	2.22E-07	6.45E-08	5.03E-05	1.59E-08	4.61E-09	7.11E-04	2.24E-07	6.53E-08	5.81E-05	1.83E-08	5.33E-09	7.08E-04	2.24E-07	6.50E-08	2.65E-05	8.37E-09	2.43E-09
5196 494363.09, 3864877.25	7.64E-04	2.41E-07	7.02E-08	5.40E-05	1.70E-08	4.96E-09	7.74E-04	2.44E-07	7.10E-08	6.24E-05	1.97E-08	5.73E-09	7.72E-04	2.44E-07	7.09E-08	2.84E-05	8.96E-09	2.61E-09
5197 494863.09, 3864877.25	7.70E-04	2.43E-07	7.07E-08	5.72E-05	1.81E-08	5.25E-09	7.79E-04	2.46E-07	7.16E-08	6.62E-05	2.09E-08	6.07E-09	7.76E-04	2.45E-07	7.12E-08	3.00E-05	9.48E-09	2.76E-09
5198 495363.09, 3864877.25	7.85E-04	2.48E-07	7.21E-08	5.82E-05	1.84E-08	5.34E-09	7.95E-04	2.51E-07	7.30E-08	6.73E-05	2.12E-08	6.18E-09	7.91E-04	2.50E-07	7.26E-08	3.06E-05	9.65E-09	2.81E-09
5199 495863.09, 3864877.25	8.07E-04	2.55E-07	7.41E-08	5.65E-05	1.78E-08	5.18E-09	8.16E-04	2.58E-07	7.49E-08	6.53E-05	2.06E-08	5.99E-09	8.15E-04	2.57E-07	7.48E-08	2.97E-05	9.37E-09	2.73E-09
5200 496363.09, 3864877.25	8.09E-04	2.55E-07	7.42E-08	5.39E-05	1.70E-08	4.95E-09	8.18E-04	2.58E-07	7.51E-08	6.23E-05	1.97E-08	5.72E-09	8.19E-04	2.58E-07	7.52E-08	2.83E-05	8.94E-09	2.60E-09
5201 496863.09, 3864877.25	8.20E-04	2.59E-07	7.53E-08	5.13E-05	1.62E-08	4.71E-09	8.29E-04	2.62E-07	7.61E-08	5.94E-05	1.87E-08	5.45E-09	8.33E-04	2.63E-07	7.64E-08	2.70E-05	8.52E-09	2.48E-09
5202 497363.09, 3864877.25	8.33E-04	2.63E-07	7.65E-08	4.99E-05	1.57E-08	4.58E-09	8.42E-04	2.66E-07	7.73E-08	5.77E-05	1.82E-08	5.30E-09	8.47E-04	2.67E-07	7.78E-08	2.62E-05	8.28E-09	2.41E-09
5203 497863.09, 3864877.25	8.43E-04	2.66E-07	7.74E-08	4.97E-05	1.57E-08	4.56E-09	8.52E-04	2.69E-07	7.82E-08	5.74E-05	1.81E-08	5.27E-09	8.58E-04	2.71E-07	7.88E-08	2.61E-05	8.24E-09	2.40E-09
5204 498363.09, 3864877.25	8.53E-04	2.69E-07	7.83E-08	4.95E-05	1.56E-08	4.55E-09	8.61E-04	2.72E-07	7.91E-08	5.73E-05	1.81E-08	5.26E-09	8.68E-04	2.74E-07	7.97E-08	2.60E-05	8.22E-09	2.39E-09
5205 471363.09, 3865377.25	2.97E-04	9.36E-08	2.72E-08	2.55E-05	8.03E-09	2.34E-09	3.01E-04	9.49E-08	2.76E-08	2.94E-05	9.28E-09	2.70E-09	2.96E-04	9.34E-08	2.72E-08	1.35E-05	4.25E-09	1.24E-09
5206 471863.09, 3865377.25	3.07E-04	9.70E-08	2.82E-08	2.57E-05	8.10E-09	2.35E-09	3.12E-04	9.84E-08	2.86E-08	2.96E-05	9.35E-09	2.72E-09	3.07E-04	9.70E-08	2.82E-08	1.36E-05	4.29E-09	1.25E-09
5207 472363.09, 3865377.25	3.20E-04	1.01E-07	2.94E-08	2.61E-05	8.23E-09	2.39E-09	3.25E-04	1.02E-07	2.98E-08	3.01E-05	9.50E-09	2.76E-09	3.21E-04	1.01E-07	2.94E-08	1.38E-05	4.36E-09	1.27E-09
5208 472863.09, 3865377.25	3.33E-04	1.05E-07	3.06E-08	2.67E-05	8.43E-09	2.45E-09	3.38E-04	1.07E-07	3.10E-08	3.09E-05	9.74E-09	2.83E-09	3.34E-04	1.05E-07	3.06E-08	1.42E-05	4.47E-09	1.30E-09
5209 473363.09, 3865377.25	3.48E-04	1.10E-07	3.20E-08	2.74E-05	8.63E-09	2.51E-09	3.53E-04	1.11E-07	3.24E-08	3.16E-05	9.97E-09	2.90E-09	3.49E-04	1.10E-07	3.21E-08	1.45E-05	4.57E-09	1.33E-09
5210 473863.09, 3865377.25	3.61E-04	1.14E-07	3.32E-08	2.81E-05	8.87E-09	2.58E-09	3.66E-04	1.16E-07	3.36E-08	3.25E-05	1.02E-08	2.98E-09	3.63E-04	1.14E-07	3.33E-08	1.49E-05	4.70E-09	1.37E-09

5211 474363.09, 3865377.25	3.74E-04	1.18E-07	3.43E-08	2.89E-05	9.13E-09	2.65E-09	3.78E-04	1.19E-07	3.47E-08	3.34E-05	1.05E-08	3.07E-09	3.75E-04	1.18E-07	3.44E-08	1.53E-05	4.83E-09	1.41E-09
5212 474863.09, 3865377.25	3.85E-04	1.22E-07	3.54E-08	2.98E-05	9.41E-09	2.74E-09	3.90E-04	1.23E-07	3.58E-08	3.44E-05	1.09E-08	3.16E-09	3.87E-04	1.22E-07	3.55E-08	1.58E-05	4.98E-09	1.45E-09
5213 475363.09, 3865377.25	3.97E-04	1.25E-07	3.64E-08	3.06E-05	9.67E-09	2.81E-09	4.02E-04	1.27E-07	3.69E-08	3.54E-05	1.12E-08	3.25E-09	3.98E-04	1.26E-07	3.66E-08	1.62E-05	5.12E-09	1.49E-09
5214 475863.09, 3865377.25	4.10E-04	1.29E-07	3.76E-08	3.18E-05	1.00E-08	2.92E-09	4.15E-04	1.31E-07	3.81E-08	3.68E-05	1.16E-08	3.38E-09	4.12E-04	1.30E-07	3.78E-08	1.68E-05	5.31E-09	1.55E-09
5215 476363.09, 3865377.25	4.22E-04	1.33E-07	3.87E-08	3.37E-05	1.06E-08	3.09E-09	4.28E-04	1.35E-07	3.93E-08	3.89E-05	1.23E-08	3.57E-09	4.23E-04	1.34E-07	3.88E-08	1.78E-05	5.62E-09	1.63E-09
5216 476863.09, 3865377.25	4.08E-04	1.29E-07	3.74E-08	3.53E-05	1.11E-08	3.24E-09	4.14E-04	1.31E-07	3.80E-08	4.08E-05	1.29E-08	3.74E-09	4.07E-04	1.28E-07	3.74E-08	1.87E-05	5.89E-09	1.71E-09
5217 477363.09, 3865377.25	4.58E-04	1.45E-07	4.20E-08	3.62E-05	1.14E-08	3.33E-09	4.64E-04	1.46E-07	4.26E-08	4.19E-05	1.32E-08	3.85E-09	4.59E-04	1.45E-07	4.22E-08	1.91E-05	6.04E-09	1.76E-09
5218 477863.09, 3865377.25	4.77E-04	1.51E-07	4.38E-08	3.71E-05	1.17E-08	3.41E-09	4.84E-04	1.53E-07	4.44E-08	4.29E-05	1.35E-08	3.94E-09	4.79E-04	1.51E-07	4.40E-08	1.96E-05	6.19E-09	1.80E-09
5219 478363.09, 3865377.25	4.93E-04	1.56E-07	4.53E-08	3.89E-05	1.23E-08	3.58E-09	5.00E-04	1.58E-07	4.59E-08	4.50E-05	1.42E-08	4.13E-09	4.95E-04	1.56E-07	4.55E-08	2.06E-05	6.49E-09	1.89E-09
5220 478863.09, 3865377.25	5.05E-04	1.59E-07	4.64E-08	4.09E-05	1.29E-08	3.75E-09	5.12E-04	1.62E-07	4.70E-08	4.73E-05	1.49E-08	4.34E-09	5.06E-04	1.60E-07	4.65E-08	2.16E-05	6.81E-09	1.98E-09
5221 479363.09, 3865377.25	5.13E-04	1.62E-07	4.71E-08	4.28E-05	1.35E-08	3.93E-09	5.20E-04	1.64E-07	4.78E-08	4.95E-05	1.56E-08	4.54E-09	5.14E-04	1.62E-07	4.71E-08	2.26E-05	7.12E-09	2.07E-09
5222 479863.09, 3865377.25	5.23E-04	1.65E-07	4.80E-08	4.45E-05	1.40E-08	4.09E-09	5.30E-04	1.67E-07	4.87E-08	5.15E-05	1.62E-08	4.72E-09	5.23E-04	1.65E-07	4.80E-08	2.34E-05	7.39E-09	2.15E-09
5223 480363.09, 3865377.25	5.35E-04	1.69E-07	4.92E-08	4.52E-05	1.43E-08	4.15E-09	5.43E-04	1.71E-07	4.99E-08	5.22E-05	1.65E-08	4.80E-09	5.36E-04	1.69E-07	4.92E-08	2.37E-05	7.49E-09	2.18E-09
5224 480863.09, 3865377.25	5.53E-04	1.74E-07	5.08E-08	4.53E-05	1.43E-08	4.16E-09	5.61E-04	1.77E-07	5.15E-08	5.23E-05	1.65E-08	4.81E-09	5.54E-04	1.75E-07	5.09E-08	2.38E-05	7.51E-09	2.18E-09
5225 481363.09, 3865377.25	5.72E-04	1.81E-07	5.25E-08	4.56E-05	1.44E-08	4.18E-09	5.80E-04	1.83E-07	5.33E-08	5.27E-05	1.66E-08	4.84E-09	5.75E-04	1.81E-07	5.28E-08	2.39E-05	7.56E-09	2.20E-09
5226 481863.09, 3865377.25	5.90E-04	1.86E-07	5.42E-08	4.62E-05	1.46E-08	4.24E-09	5.98E-04	1.89E-07	5.49E-08	5.34E-05	1.69E-08	4.90E-09	5.94E-04	1.87E-07	5.45E-08	2.43E-05	7.65E-09	2.23E-09
5227 482363.09, 3865377.25	6.09E-04	1.92E-07	5.59E-08	4.68E-05	1.48E-08	4.30E-09	6.17E-04	1.95E-07	5.67E-08	5.42E-05	1.71E-08	4.97E-09	6.13E-04	1.94E-07	5.63E-08	2.46E-05	7.76E-09	2.26E-09
5228 482863.09, 3865377.25	6.35E-04	2.00E-07	5.83E-08	4.66E-05	1.47E-08	4.28E-09	6.43E-04	2.03E-07	5.90E-08	5.39E-05	1.70E-08	4.95E-09	6.40E-04	2.02E-07	5.88E-08	2.45E-05	7.72E-09	2.25E-09
5229 483363.09, 3865377.25	6.61E-04	2.09E-07	6.07E-08	4.62E-05	1.46E-08	4.24E-09	6.69E-04	2.11E-07	6.14E-08	5.34E-05	1.69E-08	4.90E-09	6.68E-04	2.11E-07	6.13E-08	2.43E-05	7.67E-09	2.23E-09
5230 483863.09, 3865377.25	6.72E-04	2.12E-07	6.17E-08	4.68E-05	1.48E-08	4.30E-09	6.80E-04	2.15E-07	6.25E-08	5.41E-05	1.71E-08	4.97E-09	6.79E-04	2.14E-07	6.24E-08	2.46E-05	7.78E-09	2.26E-09
5231 484363.09, 3865377.25	6.80E-04	2.15E-07	6.24E-08	4.76E-05	1.50E-08	4.37E-09	6.88E-04	2.17E-07	6.31E-08	5.50E-05	1.74E-08	5.05E-09	6.87E-04	2.17E-07	6.30E-08	2.50E-05	7.89E-09	2.30E-09
5232 484863.09, 3865377.25	6.95E-04	2.19E-07	6.38E-08	4.67E-05	1.48E-08	4.29E-09	7.03E-04	2.22E-07	6.45E-08	5.41E-05	1.71E-08	4.96E-09	7.04E-04	2.22E-07	6.46E-08	2.45E-05	7.74E-09	2.25E-09
5233 485363.09, 3865377.25	7.07E-04	2.23E-07	6.49E-08	4.47E-05	1.41E-08	4.10E-09	7.14E-04	2.25E-07	6.56E-08	5.17E-05	1.63E-08	4.75E-09	7.18E-04	2.26E-07	6.59E-08	2.35E-05	7.41E-09	2.15E-09
5234 485863.09, 3865377.25	6.98E-04	2.20E-07	6.41E-08	4.30E-05	1.36E-08	3.95E-09	7.06E-04	2.23E-07	6.48E-08	4.97E-05	1.57E-08	4.57E-09	7.10E-04	2.24E-07	6.52E-08	2.26E-05	7.13E-09	2.07E-09
5235 486363.09, 3865377.25	7.01E-04	2.21E-07	6.44E-08	4.16E-05	1.31E-08	3.81E-09	7.08E-04	2.24E-07	6.50E-08	4.81E-05	1.52E-08	4.41E-09	7.14E-04	2.25E-07	6.55E-08	2.18E-05	6.89E-09	2.00E-09
5236 486863.09, 3865377.25	7.03E-04	2.22E-07	6.46E-08	4.05E-05	1.28E-08	3.72E-09	7.10E-04	2.24E-07	6.52E-08	4.68E-05	1.48E-08	4.30E-09	7.16E-04	2.26E-07	6.58E-08	2.13E-05	6.72E-09	1.95E-09
5237 487363.09, 3865377.25	6.92E-04	2.18E-07	6.35E-08	4.12E-05	1.30E-08	3.78E-09	6.99E-04	2.21E-07	6.41E-08	4.76E-05	1.50E-08	4.37E-09	7.03E-04	2.22E-07	6.46E-08	2.17E-05	6.84E-09	1.99E-09
5238 487863.09, 3865377.25	6.88E-04	2.17E-07	6.31E-08	4.34E-05	1.37E-08	3.98E-09	6.95E-04	2.19E-07	6.38E-08	5.02E-05	1.58E-08	4.60E-09	6.98E-04	2.20E-07	6.40E-08	2.28E-05	7.21E-09	2.10E-09
5239 488363.09, 3865377.25	6.81E-04	2.15E-07	6.25E-08	4.51E-05	1.42E-08	4.14E-09	6.88E-04	2.17E-07	6.32E-08	5.21E-05	1.65E-08	4.79E-09	6.89E-04	2.18E-07	6.33E-08	2.37E-05	7.48E-09	2.18E-09
5240 488863.09, 3865377.25	6.74E-04	2.13E-07	6.19E-08	4.54E-05	1.43E-08	4.17E-09	6.82E-04	2.15E-07	6.26E-08	5.25E-05	1.66E-08	4.82E-09	6.83E-04	2.16E-07	6.27E-08	2.38E-05	7.52E-09	2.19E-09
5241 489363.09, 3865377.25	6.81E-04	2.15E-07	6.25E-08	4.42E-05	1.40E-08	4.06E-09	6.88E-04	2.17E-07	6.32E-08	5.11E-05	1.61E-08	4.69E-09	6.91E-04	2.18E-07	6.34E-08	2.32E-05	7.32E-09	2.13E-09
5242 489863.09, 3865377.25	6.90E-04	2.18E-07	6.33E-08	4.29E-05	1.35E-08	3.94E-09	6.97E-04	2.20E-07	6.40E-08	4.96E-05	1.56E-08	4.55E-09	7.01E-04	2.21E-07	6.43E-08	2.25E-05	7.10E-09	2.07E-09
5243 490363.09, 3865377.25	6.61E-04	2.09E-07	6.07E-08	4.41E-05	1.39E-08	4.05E-09	6.68E-04	2.11E-07	6.13E-08	5.10E-05	1.61E-08	4.68E-09	6.69E-04	2.11E-07	6.15E-08	2.31E-05	7.29E-09	2.12E-09
5244 490863.09, 3865377.25	6.39E-04	2.02E-07	5.87E-08	4.60E-05	1.45E-08	4.22E-09	6.47E-04	2.04E-07	5.94E-08	5.32E-05	1.68E-08	4.89E-09	6.45E-04	2.04E-07	5.92E-08	2.41E-05	7.61E-09	2.21E-09
5245 491363.09, 3865377.25	6.28E-04	1.98E-07	5.77E-08	4.84E-05	1.53E-08	4.44E-09	6.36E-04	2.01E-07	5.84E-08	5.60E-05	1.77E-08	5.14E-09	6.32E-04	2.00E-07	5.81E-08	2.54E-05	8.00E-09	2.33E-09
5246 491863.09, 3865377.25	6.44E-04	2.03E-07	5.92E-08	4.86E-05	1.53E-08	4.46E-09	6.53E-04	2.06E-07	5.99E-08	5.62E-05	1.77E-08	5.16E-09	6.49E-04	2.05E-07	5.96E-08	2.55E-05	8.05E-09	2.34E-09
5247 492363.09, 3865377.25	4.90E-04	1.55E-07	4.50E-08	4.40E-05	1.39E-08	4.04E-09	4.98E-04	1.57E-07	4.57E-08	5.08E-05	1.60E-08	4.67E-09	4.89E-04	1.54E-07	4.49E-08	2.31E-05	7.30E-09	2.12E-09
5248 492863.09, 3865377.25	3.72E-04	1.18E-07	3.42E-08	3.97E-05	1.25E-08	3.64E-09	3.79E-04	1.20E-07	3.48E-08	4.58E-05	1.45E-08	4.21E-09	3.67E-04	1.16E-07	3.37E-08	2.09E-05	6.60E-09	1.92E-09
5249 493363.09, 3865377.25	3.21E-04	1.01E-07	2.94E-08	3.38E-05	1.07E-08	3.10E-09	3.26E-04	1.03E-07	3.00E-08	3.90E-05	1.23E-08	3.58E-09	3.16E-04	9.98E-08	2.90E-08	1.78E-05	5.63E-09	1.64E-09
5250 493863.09, 3865377.25	5.08E-04	1.60E-07	4.67E-08	4.58E-05	1.44E-08	4.20E-09	5.16E-04	1.63E-07	4.74E-08	5.29E-05	1.67E-08	4.85E-09	5.06E-04	1.60E-07	4.65E-08	2.42E-05	7.64E-09	2.22E-09
5251 494363.09, 3865377.25	6.46E-04	2.04E-07	5.93E-08	4.59E-05	1.45E-08	4.21E-09	6.54E-04	2.06E-07	6.01E-08	5.30E-05	1.67E-08	4.87E-09	6.52E-04	2.06E-07	5.99E-08	2.42E-05	7.63E-09	2.22E-09
5252 494863.09, 3865377.25	6.75E-04	2.13E-07	6.20E-08	4.90E-05	1.55E-08	4.50E-09	6.84E-04	2.16E-07	6.28E-08	5.66E-05	1.79E-08	5.20E-09	6.81E-04	2.15E-07	6.25E-08	2.58E-05	8.13E-09	2.36E-09
5253 495363.09, 3865377.25	6.76E-04	2.13E-07	6.20E-08	5.21E-05	1.65E-08	4.79E-09	6.85E-04	2.16E-07	6.28E-08	6.03E-05	1.90E-08	5.53E-09	6.80E-04	2.15E-07	6.24E-08	2.74E-05	8.64E-09	2.51E-09
5254 495863.09, 3865377.25	6.93E-04	2.19E-07	6.36E-08	5.31E-05	1.68E-08	4.88E-09	7.02E-04	2.22E-07	6.45E-08	6.14E-05	1.94E-08	5.64E-09	6.97E-04	2.20E-07	6.40E-08	2.79E-05	8.81E-09	2.56E-09
5255 496363.09, 3865377.25	6.89E-04	2.17E-07	6.32E-08	5.22E-05	1.65E-08	4.79E-09	6.98E-04	2.20E-07	6.41E-08	6.04E-05	1.91E-08	5.54E-09	6.93E-04	2.19E-07	6.36E-08	2.74E-05	8.66E-09	2.52E-09
5256 496863.09, 3865377.25	6.89E-04	2.17E-07	6.32E-08	4.99E-05	1.57E-08	4.58E-09	6.97E-04	2.20E-07	6.40E-08	5.77E-05	1.82E-08	5.29E-09	6.95E-04	2.19E-07	6.38E-08	2.62E-05	8.28E-09	2.41E-09
5257 497363.09, 3865377.25	7.10E-04	2.24E-07	6.52E-08	4.73E-05	1.49E-08	4.34E-09	7.18E-04	2.27E-07	6.59E-08	5.47E-05	1.73E-08	5.02E-09	7.19E-04	2.27E-07	6.60E-08	2.49E-05	7.85E-09	2.28E-09
5258 497863.09, 3865377.25	7.23E-04	2.28E-07	6.63E-08	4.58E-05	1.45E-08	4.20E-09	7.30E-04	2.31E-07	6.71E-08	5.30E-05	1.67E-08	4.86E-09	7.33E-04	2.31E-07	6.73E-08	2.41E-05	7.60E-09	2.21E-09
5259 498363.09, 3865377.25	7.28E-04	2.30E-07	6.69E-08	4.55E-05	1.44E-08	4.18E-09	7.36E-04	2.32E-07	6.76E-08	5.26E-05	1.66E-08	4.83E-09	7.40E-04	2.33E-07	6.79E-08	2.39E-05	7.56E-09	2.20E-09
5260 471363.09, 3865877.25	2.91E-04	9.17E-08	2.67E-08	2.36E-05	7.45E-09	2.17E-09	2.95E-04	9.30E-08	2.70E-08	2.73E-05	8.61E-09	2.50E-09	2.91E-04	9.18E-08	2.67E-08	1.25E-05	3.95E-09	1.15E-09
5261 471863.09, 3865877.25	3.02E-04	9.54E-08	2.78E-08	2.41E-05	7.61E-09	2.21E-09	3.06E-04	9.67E-08	2.81E-08	2.78E-05	8.79E-09	2.56E-09	3.03E-04	9.56E-08	2.78E-08	1.28E-05	4.04E-09	1.17E-09
5262 472363.09, 3865877.25	3.13E-04	9.87E-08	2.87E-08	2.49E-05	7.86E-09	2.29E-09	3.17E-04	1.00E-07	2.91E-08	2.87E-05	9.07E-09	2.64E-09	3.13E-04	9.89E-08	2.88E-08	1.32E-05	4.17E-09	1.21E-09
5263 472863.09, 3865877.25	3.24E-04	1.02E-07	2.98E-08	2.55E-05	8.04E-09	2.34E-09	3.29E-04	1.04E-07	3.02E-08	2.94E-05	9.28E-09	2.70E-09	3.25E-04	1.03E-07	2.99E-08	1.35E-05	4.26E-09	1.24E-09
5264 473363.09, 3865877.25	3.35E-04	1.06E-07	3.07E-08	2.61E-05	8.24E-09	2.40E-09	3.39E-04	1.07E-07	3.11E-08	3.02E-05	9.52E-09	2.77E-09	3.36E-04	1.06E-07	3.08E-08	1.38E-05	4.37E-09	1.27E-09
5265 473863.09, 3865877.25	3.44E-04	1.09E-07	3.16E-08	2.68E-05	8.45E-09	2.46E-09	3.49E-04	1.10E-07	3.20E-08	3.09E-05	9.76E-09	2.84E-09	3.46E-04	1.09E-07	3.17E-08	1.42E-05	4.48E-09	1.30E-09
5266 474363.09, 3865877.25	3.53E-04	1.12E-07	3.24E-08	2.75E-05	8.66E-09	2.52E-09	3.58E-04	1.13E-07	3.29E-08	3.17E-05	1.00E-08	2.91E-09	3.55E-04	1.12E-07	3.26E-08	1.45E-05	4.59E-09	1.33E-09
5267 474863.09, 3865877.25	3.64E-04	1.15E-07	3.34E-08	2.83E-05	8.92E-09	2.59E-09	3.68E-04	1.16E-07	3.38E-08	3.26E-05	1.03E-08	3.00E-09	3.65E-04	1.15E-07	3.35E-08	1.50E-05	4.72E-09	1.37E-09
5268 475363.09, 3865877.25	3.75E-04	1.18E-07	3.45E-08	2.92E-05	9.22E-09	2.68E-09	3.80E-04	1.20E-07	3.49E-08	3.38E-05	1.07E-08	3.10E-09	3.77E-04	1.19E-07	3.46E-08	1.55E-05	4.88E-09	1.42E-09
5269 475863.09, 3865877.25	3.89E-04	1.23E-07	3.57E-08	3.04E-05	9.61E-09	2.80E-09	3.94E-04	1.24E-07	3.62E-08	3.52E-05	1.11E-08	3.23E-09	3.90E-04	1.23E-07	3.58E-08	1.61E-05	5.08E-09	1.48E-09
5270 476363.09, 3865877.25	3.94E-04	1.24E-07	3.62E-08	3.23E-05	1.02E-08	2.96E-09	4.00E-04	1.26E-07	3.67E-08	3.73E-05	1.18E-08	3.42E-09	3.95E-04	1.25E-07	3.62E-08	1.71E-05	5.38E-09	1.57E-09
5271 476863.09, 3865877.25	3.85E-04	1.21E-07	3.53E-08	3.34E-05	1.06E-08	3.07E-09	3.90E-04	1.23E-07	3.58E-08	3.86E-05	1.22E-08	3.55E-09	3.84E-04	1.21E-07	3.52E-08	1.77E-05	5.58E-09	1.62E-09
5272 477363.09, 3865877.25	4.28E-04	1.35E-07	3.93E-08	3.45E-05	1.09E-08	3.16E-09	4.34E-04	1.37E-07	3.99E-08	3.98E-05	1.26E-08	3.66E-09	4.29E-04	1.36E-07	3.94E-08	1.82E-05	5.75E-09	1.67E-09
5273 477863.09, 3865877.25	4.43E-04	1.40E-07	4.07E-08	3.55E-05	1.12E-08	3.26E-09	4.49E-04	1.42E-07	4.12E-08	4.10E-05	1.29E-08	3.76E-09	4.44E-04	1.40E-07	4.08E-08	1.87E-05	5.92E-09	1.72E-09
5274 478363.09, 3865877.25	4.52E-04	1.43E-07	4.15E-08	3.72E-05	1.17E-08	3.41E-09	4.59E-04	1.45E-07	4.21E-08	4.30E-05	1.36E-08	3.94E-09	4.53E-04	1.43E-07	4.16E-08	1.96E-05	6.19E-09	1.80E-09
5275 478863.09, 3865877.25	4.59E-04	1.45E-07	4.22E-08	3.88E-05	1.23E-08	3.57E-09	4.66E-04	1.47E-07	4.28E-08	4.49E-05	1.42E-08	4.12E-09	4.60E-04	1.45E-07	4.22E-08	2.05E-05	6.46E-09	1.88E-09
5276 479363.09, 3865877.25	4.68E-04	1.48E-07	4.29E-08	4.03E-05	1.27E-08	3.70E-09	4.75E-04	1.50E-07	4.36E-08	4.66E-05	1.47E-08	4.28E-09	4.68E-04	1.48E-07	4.29E-08	2.12E-05	6.70E-09	1.95E-09

5277	479863.09, 3865877.25	4.80E-04	1.51E-07	4.41E-08	4.12E-05	1.30E-08	3.78E-09	4.87E-04	1.54E-07	4.47E-08	4.76E-05	1.50E-08	4.37E-09	4.80E-04	1.51E-07	4.41E-08	2.17E-05	6.84E-09	1.99E-09
5278	480363.09, 3865877.25	4.95E-04	1.56E-07	4.55E-08	4.16E-05	1.31E-08	3.82E-09	5.03E-04	1.59E-07	4.61E-08	4.81E-05	1.52E-08	4.42E-09	4.96E-04	1.57E-07	4.56E-08	2.19E-05	6.90E-09	2.01E-09
5279	480863.09, 3865877.25	5.11E-04	1.61E-07	4.69E-08	4.18E-05	1.32E-08	3.83E-09	5.18E-04	1.64E-07	4.76E-08	4.83E-05	1.52E-08	4.43E-09	5.13E-04	1.62E-07	4.71E-08	2.19E-05	6.92E-09	2.01E-09
5280	481363.09, 3865877.25	5.25E-04	1.66E-07	4.82E-08	4.19E-05	1.32E-08	3.85E-09	5.32E-04	1.68E-07	4.88E-08	4.84E-05	1.53E-08	4.45E-09	5.27E-04	1.66E-07	4.84E-08	2.20E-05	6.94E-09	2.02E-09
5281	481863.09, 3865877.25	5.40E-04	1.70E-07	4.95E-08	4.24E-05	1.34E-08	3.89E-09	5.47E-04	1.73E-07	5.02E-08	4.90E-05	1.55E-08	4.50E-09	5.43E-04	1.71E-07	4.98E-08	2.22E-05	7.02E-09	2.04E-09
5282	482363.09, 3865877.25	5.61E-04	1.77E-07	5.15E-08	4.27E-05	1.35E-08	3.92E-09	5.68E-04	1.79E-07	5.22E-08	4.94E-05	1.56E-08	4.53E-09	5.65E-04	1.78E-07	5.19E-08	2.24E-05	7.07E-09	2.06E-09
5283	482863.09, 3865877.25	5.87E-04	1.85E-07	5.39E-08	4.24E-05	1.34E-08	3.89E-09	5.94E-04	1.88E-07	5.46E-08	4.90E-05	1.55E-08	4.50E-09	5.92E-04	1.87E-07	5.44E-08	2.23E-05	7.03E-09	2.05E-09
5284	483363.09, 3865877.25	6.04E-04	1.91E-07	5.54E-08	4.24E-05	1.34E-08	3.89E-09	6.11E-04	1.93E-07	5.61E-08	4.90E-05	1.55E-08	4.50E-09	6.10E-04	1.92E-07	5.60E-08	2.23E-05	7.04E-09	2.05E-09
5285	483863.09, 3865877.25	6.09E-04	1.92E-07	5.59E-08	4.33E-05	1.37E-08	3.97E-09	6.16E-04	1.94E-07	5.65E-08	5.00E-05	1.58E-08	4.59E-09	6.14E-04	1.94E-07	5.64E-08	2.28E-05	7.19E-09	2.09E-09
5286	484363.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	4.38E-05	1.38E-08	4.02E-09	6.23E-04	1.97E-07	5.72E-08	5.06E-05	1.60E-08	4.65E-09	6.21E-04	1.96E-07	5.70E-08	2.30E-05	7.26E-09	2.11E-09
5287	484863.09, 3865877.25	6.25E-04	1.97E-07	5.74E-08	4.27E-05	1.35E-08	3.92E-09	6.32E-04	2.00E-07	5.81E-08	4.93E-05	1.56E-08	4.53E-09	6.33E-04	2.00E-07	5.81E-08	2.24E-05	7.07E-09	2.06E-09
5288	485363.09, 3865877.25	6.25E-04	1.97E-07	5.74E-08	4.09E-05	1.29E-08	3.76E-09	6.32E-04	2.00E-07	5.81E-08	4.73E-05	1.49E-08	4.34E-09	6.34E-04	2.00E-07	5.82E-08	2.15E-05	6.78E-09	1.97E-09
5289	485863.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	3.95E-05	1.25E-08	3.62E-09	6.22E-04	1.96E-07	5.71E-08	4.56E-05	1.44E-08	4.19E-09	6.24E-04	1.97E-07	5.73E-08	2.07E-05	6.54E-09	1.90E-09
5290	486363.09, 3865877.25	6.26E-04	1.98E-07	5.75E-08	3.80E-05	1.20E-08	3.49E-09	6.32E-04	2.00E-07	5.81E-08	4.40E-05	1.39E-08	4.04E-09	6.36E-04	2.01E-07	5.84E-08	2.00E-05	6.31E-09	1.83E-09
5291	486863.09, 3865877.25	6.26E-04	1.98E-07	5.75E-08	3.70E-05	1.17E-08	3.40E-09	6.32E-04	2.00E-07	5.80E-08	4.28E-05	1.35E-08	3.93E-09	6.37E-04	2.01E-07	5.85E-08	1.95E-05	6.14E-09	1.79E-09
5292	487363.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	3.74E-05	1.18E-08	3.44E-09	6.22E-04	1.96E-07	5.71E-08	4.33E-05	1.37E-08	3.97E-09	6.25E-04	1.97E-07	5.74E-08	1.97E-05	6.22E-09	1.81E-09
5293	487863.09, 3865877.25	6.12E-04	1.93E-07	5.62E-08	3.96E-05	1.25E-08	3.63E-09	6.19E-04	1.95E-07	5.68E-08	4.57E-05	1.44E-08	4.20E-09	6.20E-04	1.96E-07	5.69E-08	2.08E-05	6.58E-09	1.91E-09
5294	488363.09, 3865877.25	6.03E-04	1.90E-07	5.53E-08	4.13E-05	1.30E-08	3.79E-09	6.10E-04	1.92E-07	5.60E-08	4.77E-05	1.51E-08	4.38E-09	6.10E-04	1.92E-07	5.60E-08	2.17E-05	6.85E-09	1.99E-09
5295	488863.09, 3865877.25	5.97E-04	1.88E-07	5.48E-08	4.20E-05	1.33E-08	3.86E-09	6.04E-04	1.91E-07	5.55E-08	4.86E-05	1.53E-08	4.46E-09	6.03E-04	1.90E-07	5.54E-08	2.21E-05	6.96E-09	2.03E-09
5296	489363.09, 3865877.25	6.05E-04	1.91E-07	5.56E-08	4.15E-05	1.31E-08	3.81E-09	6.12E-04	1.93E-07	5.62E-08	4.80E-05	1.51E-08	4.40E-09	6.13E-04	1.93E-07	5.62E-08	2.17E-05	6.86E-09	2.00E-09
5297	489863.09, 3865877.25	6.15E-04	1.94E-07	5.65E-08	4.00E-05	1.26E-08	3.68E-09	6.22E-04	1.96E-07	5.71E-08	4.63E-05	1.46E-08	4.25E-09	6.24E-04	1.97E-07	5.73E-08	2.10E-05	6.64E-09	1.93E-09
5298	490363.09, 3865877.25	6.08E-04	1.92E-07	5.59E-08	3.98E-05	1.25E-08	3.65E-09	6.15E-04	1.94E-07	5.65E-08	4.60E-05	1.45E-08	4.22E-09	6.17E-04	1.95E-07	5.66E-08	2.09E-05	6.59E-09	1.92E-09
5299	490863.09, 3865877.25	5.80E-04	1.83E-07	5.33E-08	4.09E-05	1.29E-08	3.75E-09	5.87E-04	1.85E-07	5.39E-08	4.73E-05	1.49E-08	4.34E-09	5.86E-04	1.85E-07	5.38E-08	2.14E-05	6.76E-09	1.97E-09
5300	491363.09, 3865877.25	5.43E-04	1.71E-07	4.98E-08	4.33E-05	1.37E-08	3.98E-09	5.50E-04	1.74E-07	5.05E-08	5.01E-05	1.58E-08	4.60E-09	5.46E-04	1.72E-07	5.01E-08	2.27E-05	7.16E-09	2.08E-09
5301	491863.09, 3865877.25	5.40E-04	1.71E-07	4.96E-08	4.52E-05	1.43E-08	4.15E-09	5.48E-04	1.73E-07	5.03E-08	5.23E-05	1.65E-08	4.80E-09	5.42E-04	1.71E-07	4.97E-08	2.37E-05	7.48E-09	2.17E-09
5302	492363.09, 3865877.25	5.06E-04	1.60E-07	4.64E-08	4.29E-05	1.36E-08	3.94E-09	5.13E-04	1.62E-07	4.71E-08	4.97E-05	1.57E-08	4.56E-09	5.06E-04	1.60E-07	4.65E-08	2.25E-05	7.12E-09	2.07E-09
5303	492863.09, 3865877.25	3.52E-04	1.11E-07	3.23E-08	3.62E-05	1.14E-08	3.32E-09	3.58E-04	1.13E-07	3.29E-08	4.19E-05	1.32E-08	3.84E-09	3.48E-04	1.10E-07	3.20E-08	1.91E-05	6.02E-09	1.75E-09
5304	493363.09, 3865877.25	3.68E-04	1.16E-07	3.38E-08	3.88E-05	1.23E-08	3.57E-09	3.74E-04	1.18E-07	3.44E-08	4.49E-05	1.42E-08	4.12E-09	3.63E-04	1.15E-07	3.33E-08	2.05E-05	6.46E-09	1.88E-09
5305	493863.09, 3865877.25	4.61E-04	1.46E-07	4.24E-08	4.42E-05	1.39E-08	4.06E-09	4.69E-04	1.48E-07	4.31E-08	5.11E-05	1.61E-08	4.69E-09	4.58E-04	1.45E-07	4.21E-08	2.33E-05	7.35E-09	2.14E-09
5306	494363.09, 3865877.25	5.69E-04	1.80E-07	5.23E-08	4.45E-05	1.41E-08	4.09E-09	5.77E-04	1.82E-07	5.30E-08	5.15E-05	1.62E-08	4.72E-09	5.72E-04	1.81E-07	5.25E-08	2.35E-05	7.41E-09	2.15E-09
5307	494863.09, 3865877.25	6.43E-04	2.03E-07	5.90E-08	4.42E-05	1.40E-08	4.06E-09	6.50E-04	2.05E-07	5.97E-08	5.11E-05	1.61E-08	4.70E-09	6.50E-04	2.05E-07	5.96E-08	2.33E-05	7.35E-09	2.14E-09
5308	495363.09, 3865877.25	6.27E-04	1.98E-07	5.76E-08	4.55E-05	1.43E-08	4.17E-09	6.35E-04	2.00E-07	5.83E-08	5.26E-05	1.66E-08	4.82E-09	6.33E-04	2.00E-07	5.81E-08	2.39E-05	7.54E-09	2.19E-09
5309	495863.09, 3865877.25	6.00E-04	1.90E-07	5.51E-08	4.77E-05	1.51E-08	4.38E-09	6.09E-04	1.92E-07	5.59E-08	5.52E-05	1.74E-08	5.07E-09	6.03E-04	1.90E-07	5.54E-08	2.51E-05	7.91E-09	2.30E-09
5310	496363.09, 3865877.25	5.87E-04	1.85E-07	5.39E-08	4.93E-05	1.56E-08	4.52E-09	5.95E-04	1.88E-07	5.47E-08	5.70E-05	1.80E-08	5.23E-09	5.88E-04	1.86E-07	5.40E-08	2.59E-05	8.17E-09	2.38E-09
5311	496863.09, 3865877.25	5.78E-04	1.82E-07	5.30E-08	4.85E-05	1.53E-08	4.45E-09	5.86E-04	1.85E-07	5.38E-08	5.61E-05	1.77E-08	5.15E-09	5.78E-04	1.83E-07	5.31E-08	2.55E-05	8.05E-09	2.34E-09
5312	497363.09, 3865877.25	5.98E-04	1.89E-07	5.49E-08	4.62E-05	1.46E-08	4.24E-09	6.06E-04	1.91E-07	5.56E-08	5.34E-05	1.68E-08	4.90E-09	6.01E-04	1.90E-07	5.52E-08	2.43E-05	7.66E-09	2.23E-09
5313	497863.09, 3865877.25	6.11E-04	1.93E-07	5.61E-08	4.40E-05	1.39E-08	4.04E-09	6.19E-04	1.95E-07	5.68E-08	5.08E-05	1.60E-08	4.67E-09	6.17E-04	1.95E-07	5.66E-08	2.31E-05	7.30E-09	2.12E-09
5314	498363.09, 3865877.25	5.97E-04	1.89E-07	5.48E-08	4.18E-05	1.32E-08	3.84E-09	6.05E-04	1.91E-07	5.55E-08	4.83E-05	1.53E-08	4.44E-09	6.04E-04	1.91E-07	5.54E-08	2.20E-05	6.94E-09	2.02E-09
5315	471363.09, 3866377.25	2.85E-04	8.99E-08	2.62E-08	2.25E-05	7.09E-09	2.06E-09	2.89E-04	9.11E-08	2.65E-08	2.60E-05	8.19E-09	2.38E-09	2.86E-04	9.01E-08	2.62E-08	1.19E-05	3.77E-09	1.10E-09
5316	471863.09, 3866377.25	2.94E-04	9.27E-08	2.70E-08	2.32E-05	7.33E-09	2.13E-09	2.98E-04	9.40E-08	2.73E-08	2.68E-05	8.46E-09	2.46E-09	2.94E-04	9.29E-08	2.70E-08	1.23E-05	3.89E-09	1.13E-09
5317	472363.09, 3866377.25	3.02E-04	9.53E-08	2.77E-08	2.39E-05	7.54E-09	2.19E-09	3.06E-04	9.65E-08	2.81E-08	2.76E-05	8.71E-09	2.53E-09	3.03E-04	9.55E-08	2.78E-08	1.27E-05	4.00E-09	1.16E-09
5318	472863.09, 3866377.25	3.10E-04	9.79E-08	2.85E-08	2.44E-05	7.69E-09	2.24E-09	3.14E-04	9.92E-08	2.89E-08	2.81E-05	8.88E-09	2.58E-09	3.11E-04	9.82E-08	2.86E-08	1.29E-05	4.08E-09	1.19E-09
5319	473363.09, 3866377.25	3.18E-04	1.00E-07	2.92E-08	2.49E-05	7.87E-09	2.29E-09	3.22E-04	1.02E-07	2.96E-08	2.88E-05	9.08E-09	2.64E-09	3.19E-04	1.01E-07	2.93E-08	1.32E-05	4.17E-09	1.21E-09
5320	473863.09, 3866377.25	3.26E-04	1.03E-07	2.99E-08	2.54E-05	8.02E-09	2.33E-09	3.30E-04	1.04E-07	3.03E-08	2.93E-05	9.26E-09	2.69E-09	3.27E-04	1.03E-07	3.00E-08	1.35E-05	4.25E-09	1.24E-09
5321	474363.09, 3866377.25	3.35E-04	1.06E-07	3.07E-08	2.60E-05	8.21E-09	2.39E-09	3.39E-04	1.07E-07	3.11E-08	3.01E-05	9.49E-09	2.76E-09	3.36E-04	1.06E-07	3.08E-08	1.38E-05	4.35E-09	1.27E-09
5322	474863.09, 3866377.25	3.45E-04	1.09E-07	3.17E-08	2.69E-05	8.50E-09	2.47E-09	3.50E-04	1.10E-07	3.21E-08	3.11E-05	9.81E-09	2.85E-09	3.46E-04	1.09E-07	3.18E-08	1.42E-05	4.50E-09	1.31E-09
5323	475363.09, 3866377.25	3.56E-04	1.12E-07	3.27E-08	2.79E-05	8.81E-09	2.56E-09	3.61E-04	1.14E-07	3.31E-08	3.22E-05	1.02E-08	2.96E-09	3.57E-04	1.13E-07	3.28E-08	1.48E-05	4.66E-09	1.36E-09
5324	475863.09, 3866377.25	3.68E-04	1.16E-07	3.38E-08	2.90E-05	9.15E-09	2.66E-09	3.73E-04	1.18E-07	3.42E-08	3.35E-05	1.06E-08	3.07E-09	3.69E-04	1.17E-07	3.39E-08	1.53E-05	4.84E-09	1.41E-09
5325	476363.09, 3866377.25	3.78E-04	1.19E-07	3.47E-08	3.06E-05	9.67E-09	2.81E-09	3.83E-04	1.21E-07	3.51E-08	3.54E-05	1.12E-08	3.25E-09	3.78E-04	1.19E-07	3.47E-08	1.62E-05	5.11E-09	1.49E-09
5326	476863.09, 3866377.25	3.53E-04	1.11E-07	3.24E-08	3.16E-05	9.98E-09	2.90E-09	3.58E-04	1.13E-07	3.29E-08	3.65E-05	1.15E-08	3.35E-09	3.51E-04	1.11E-07	3.22E-08	1.67E-05	5.28E-09	1.54E-09
5327	477363.09, 3866377.25	3.88E-04	1.22E-07	3.56E-08	3.32E-05	1.05E-08	3.04E-09	3.93E-04	1.24E-07	3.61E-08	3.83E-05	1.21E-08	3.52E-09	3.87E-04	1.22E-07	3.56E-08	1.75E-05	5.53E-09	1.61E-09
5328	477863.09, 3866377.25	4.09E-04	1.29E-07	3.75E-08	3.42E-05	1.08E-08	3.14E-09	4.15E-04	1.31E-07	3.81E-08	3.95E-05	1.25E-08	3.63E-09	4.09E-04	1.29E-07	3.75E-08	1.81E-05	5.70E-09	1.66E-09
5329	478363.09, 3866377.25	4.15E-04	1.31E-07	3.81E-08	3.54E-05	1.12E-08	3.25E-09	4.21E-04	1.33E-07	3.87E-08	4.09E-05	1.29E-08	3.75E-09	4.15E-04	1.31E-07	3.81E-08	1.87E-05	5.89E-09	1.71E-09
5330	478863.09, 3866377.25	4.23E-04	1.34E-07	3.89E-08	3.67E-05	1.16E-08	3.37E-09	4.30E-04	1.36E-07	3.94E-08	4.24E-05	1.34E-08	3.90E-09	4.23E-04	1.33E-07	3.88E-08	1.93E-05	6.10E-09	1.78E-09
5331	479363.09, 3866377.25	4.35E-04	1.37E-07	4.00E-08	3.79E-05	1.20E-08	3.48E-09	4.42E-04	1.39E-07	4.06E-08	4.38E-05	1.38E-08	4.02E-09	4.35E-04	1.37E-07	3.99E-08	1.99E-05	6.29E-09	1.83E-09
5332	479863.09, 3866377.25	4.50E-04	1.42E-07	4.13E-08	3.86E-05	1.22E-08	3.55E-09	4.56E-04	1.44E-07	4.19E-08	4.47E-05	1.41E-08	4.10E-09	4.50E-04	1.42E-07	4.13E-08	2.03E-05	6.41E-09	1.86E-09
5333	480363.09, 3866377.25	4.63E-04	1.46E-07	4.25E-08	3.89E-05	1.23E-08	3.57E-09	4.69E-04	1.48E-07	4.31E-08	4.50E-05	1.42E-08	4.13E-09	4.63E-04	1.46E-07	4.25E-08	2.04E-05	6.45E-09	1.88E-09
5334	480863.09, 3866377.25	4.73E-04	1.49E-07	4.34E-08	3.88E-05	1.23E-08	3.56E-09	4.80E-04	1.51E-07	4.40E-08	4.49E-05	1.42E-08	4.12E-09	4.74E-04	1.50E-07	4.35E-08	2.04E-05	6.44E-09	1.87E-09
5335	481363.09, 3866377.25	4.84E-04	1.53E-07	4.45E-08	3.88E-05	1.23E-08	3.57E-09	4.91E-04	1.55E-07	4.51E-08	4.49E-05	1.42E-08	4.12E-09	4.86E-04	1.54E-07	4.47E-08	2.04E-05	6.44E-09	1.87E-09
5336	481863.09, 3866377.25	5.00E-04	1.58E-07	4.59E-08	3.90E-05	1.23E-08	3.58E-09	5.07E-04	1.60E-07	4.65E-08	4.51E-05	1.42E-08	4.14E-09	5.03E-04	1.59E-07	4.62E-08	2.05E-05	6.47E-09	1.88E-09
5337	482363.09, 3866377.25	5.23E-04	1.65E-07	4.80E-08	3.91E-05	1.23E-08	3.59E-09	5.30E-04	1.67E-07	4.86E-08	4.52E-05	1.43E-08	4.15E-09	5.27E-04	1.66E-07	4.84E-08	2.06E-05	6.49E-09	1.89E-09
5338	482863.09, 3866377.25	5.44E-04	1.72E-07	4.99E-08	3.90E-05	1.23E-08	3.58E-09	5.50E-04	1.74E-07	5.05E-08	4.50E-05	1.42E-08	4.13E-09	5.49E-04	1.73E-07	5.04E-08	2.05E-05	6.47E-09	1.88E-09
5339	483363.09, 3866377.25	5.52E-04	1.74E-07	5.06E-08	3.93E-05	1.24E-08	3.60E-09	5.58E-04	1.76E-07	5.13E-08	4.54E-05	1.43E-08	4.17E-09	5.57E-04	1.76E-07	5.11E-08	2.07E-05	6.53E-09	1.90E-09
5340	483863.09, 3866377.25	5.53E-04	1.75E-07	5.08E-08	4.02E-05	1.27E-08	3.69E-09	5.60E-04	1.77E-07	5.14E-08	4.64E-05	1.47E-08	4.26E-09	5.58E-04	1.76E-07	5.12E-08	2.11E-05	6.67E-09	1.94E-09
5341	484363.09, 3866377.25	5.58E-04	1.76E-07	5.12E-08	4.02E-05	1.27E-08	3.69E-09	5.65E-04	1.78E-07	5.19E-08	4.64E-05	1.47E-08	4.26E-09	5.63E-04	1.78E-07	5.17E-08	2.11E-05	6.66E-09	1.94E-09
5342	484863.09, 3866377.25	5.65E-04	1.78E-07	5.19E-08	3.93E-05	1.24E-08	3.60E-09	5.72E-04	1.80E-07	5.25E-08	4.54E-05	1.43E-08	4.17E-09	5.71E-04	1.80E-07	5.24E-08	2.06E-05	6.51E-09	1.89E-09

5343 485363.09, 3866377.25	5.56E-04	1.75E-07	5.10E-08	3.77E-05	1.19E-08	3.46E-09	5.62E-04	1.77E-07	5.16E-08	4.36E-05	1.38E-08	4.00E-09	5.62E-04	1.77E-07	5.16E-08	1.98E-05	6.25E-09	1.82E-09
5344 485863.09, 3866377.25	5.49E-04	1.73E-07	5.04E-08	3.63E-05	1.15E-08	3.33E-09	5.55E-04	1.75E-07	5.09E-08	4.20E-05	1.33E-08	3.86E-09	5.56E-04	1.75E-07	5.10E-08	1.91E-05	6.02E-09	1.75E-09
5345 486363.09, 3866377.25	5.63E-04	1.78E-07	5.17E-08	3.50E-05	1.10E-08	3.21E-09	5.69E-04	1.80E-07	5.23E-08	4.04E-05	1.28E-08	3.71E-09	5.72E-04	1.81E-07	5.25E-08	1.84E-05	5.80E-09	1.69E-09
5346 486863.09, 3866377.25	5.62E-04	1.78E-07	5.16E-08	3.40E-05	1.07E-08	3.12E-09	5.68E-04	1.79E-07	5.22E-08	3.93E-05	1.24E-08	3.61E-09	5.72E-04	1.80E-07	5.25E-08	1.79E-05	5.66E-09	1.65E-09
5347 487363.09, 3866377.25	5.59E-04	1.77E-07	5.14E-08	3.50E-05	1.10E-08	3.21E-09	5.65E-04	1.78E-07	5.19E-08	4.04E-05	1.28E-08	3.71E-09	5.68E-04	1.79E-07	5.21E-08	1.85E-05	5.82E-09	1.69E-09
5348 487863.09, 3866377.25	5.54E-04	1.75E-07	5.09E-08	3.73E-05	1.18E-08	3.42E-09	5.60E-04	1.77E-07	5.15E-08	4.31E-05	1.36E-08	3.95E-09	5.61E-04	1.77E-07	5.15E-08	1.96E-05	6.20E-09	1.80E-09
5349 488363.09, 3866377.25	5.45E-04	1.72E-07	5.00E-08	3.90E-05	1.23E-08	3.58E-09	5.51E-04	1.74E-07	5.06E-08	4.50E-05	1.42E-08	4.13E-09	5.49E-04	1.73E-07	5.04E-08	2.05E-05	6.47E-09	1.88E-09
5350 488863.09, 3866377.25	5.26E-04	1.66E-07	4.83E-08	4.02E-05	1.27E-08	3.69E-09	5.33E-04	1.68E-07	4.89E-08	4.64E-05	1.47E-08	4.26E-09	5.29E-04	1.67E-07	4.86E-08	2.11E-05	6.66E-09	1.94E-09
5351 489363.09, 3866377.25	5.24E-04	1.65E-07	4.81E-08	3.98E-05	1.26E-08	3.66E-09	5.30E-04	1.67E-07	4.87E-08	4.61E-05	1.45E-08	4.23E-09	5.27E-04	1.66E-07	4.84E-08	2.09E-05	6.59E-09	1.92E-09
5352 489863.09, 3866377.25	5.09E-04	1.61E-07	4.67E-08	3.85E-05	1.22E-08	3.54E-09	5.15E-04	1.63E-07	4.73E-08	4.46E-05	1.41E-08	4.09E-09	5.12E-04	1.62E-07	4.70E-08	2.02E-05	6.39E-09	1.86E-09
5353 490363.09, 3866377.25	5.50E-04	1.73E-07	5.05E-08	3.68E-05	1.16E-08	3.38E-09	5.56E-04	1.75E-07	5.10E-08	4.26E-05	1.34E-08	3.91E-09	5.56E-04	1.76E-07	5.11E-08	1.94E-05	6.11E-09	1.78E-09
5354 490863.09, 3866377.25	5.41E-04	1.71E-07	4.97E-08	3.65E-05	1.15E-08	3.35E-09	5.48E-04	1.73E-07	5.03E-08	4.22E-05	1.33E-08	3.88E-09	5.48E-04	1.73E-07	5.03E-08	1.92E-05	6.05E-09	1.76E-09
5355 491363.09, 3866377.25	5.40E-04	1.71E-07	4.96E-08	3.83E-05	1.21E-08	3.52E-09	5.47E-04	1.73E-07	5.02E-08	4.43E-05	1.40E-08	4.07E-09	5.46E-04	1.72E-07	5.01E-08	2.01E-05	6.34E-09	1.84E-09
5356 491863.09, 3866377.25	4.50E-04	1.42E-07	4.13E-08	4.11E-05	1.30E-08	3.78E-09	4.57E-04	1.44E-07	4.19E-08	4.76E-05	1.50E-08	4.37E-09	4.48E-04	1.42E-07	4.12E-08	2.16E-05	6.81E-09	1.98E-09
5357 492363.09, 3866377.25	4.62E-04	1.46E-07	4.24E-08	4.13E-05	1.30E-08	3.79E-09	4.69E-04	1.48E-07	4.31E-08	4.78E-05	1.51E-08	4.39E-09	4.62E-04	1.46E-07	4.24E-08	2.17E-05	6.84E-09	1.99E-09
5358 492863.09, 3866377.25	3.94E-04	1.24E-07	3.62E-08	3.70E-05	1.17E-08	3.40E-09	4.01E-04	1.26E-07	3.68E-08	4.28E-05	1.35E-08	3.93E-09	3.92E-04	1.24E-07	3.60E-08	1.95E-05	6.15E-09	1.79E-09
5359 493363.09, 3866377.25	4.22E-04	1.33E-07	3.88E-08	3.76E-05	1.19E-08	3.45E-09	4.28E-04	1.35E-07	3.93E-08	4.35E-05	1.37E-08	3.99E-09	4.21E-04	1.33E-07	3.87E-08	1.98E-05	6.26E-09	1.82E-09
5360 493863.09, 3866377.25	4.72E-04	1.49E-07	4.34E-08	4.12E-05	1.30E-08	3.78E-09	4.79E-04	1.51E-07	4.40E-08	4.76E-05	1.50E-08	4.37E-09	4.72E-04	1.49E-07	4.33E-08	2.17E-05	6.84E-09	1.99E-09
5361 494363.09, 3866377.25	5.50E-04	1.74E-07	5.05E-08	4.26E-05	1.34E-08	3.91E-09	5.57E-04	1.76E-07	5.11E-08	4.93E-05	1.55E-08	4.52E-09	5.53E-04	1.74E-07	5.07E-08	2.24E-05	7.08E-09	2.06E-09
5362 494863.09, 3866377.25	5.63E-04	1.78E-07	5.17E-08	4.11E-05	1.30E-08	3.77E-09	5.70E-04	1.80E-07	5.24E-08	4.75E-05	1.50E-08	4.36E-09	5.68E-04	1.79E-07	5.21E-08	2.16E-05	6.83E-09	1.99E-09
5363 495363.09, 3866377.25	5.46E-04	1.72E-07	5.01E-08	3.86E-05	1.22E-08	3.54E-09	5.52E-04	1.74E-07	5.07E-08	4.46E-05	1.41E-08	4.09E-09	5.51E-04	1.74E-07	5.06E-08	2.03E-05	6.42E-09	1.87E-09
5364 495863.09, 3866377.25	5.19E-04	1.64E-07	4.76E-08	4.06E-05	1.28E-08	3.73E-09	5.25E-04	1.66E-07	4.82E-08	4.69E-05	1.48E-08	4.31E-09	5.21E-04	1.64E-07	4.78E-08	2.14E-05	6.74E-09	1.96E-09
5365 496363.09, 3866377.25	5.01E-04	1.58E-07	4.60E-08	4.47E-05	1.41E-08	4.10E-09	5.08E-04	1.60E-07	4.67E-08	5.17E-05	1.63E-08	4.74E-09	5.00E-04	1.58E-07	4.59E-08	2.35E-05	7.41E-09	2.15E-09
5366 496863.09, 3866377.25	4.79E-04	1.51E-07	4.39E-08	4.52E-05	1.43E-08	4.15E-09	4.86E-04	1.54E-07	4.47E-08	5.23E-05	1.65E-08	4.80E-09	4.76E-04	1.50E-07	4.37E-08	2.38E-05	7.51E-09	2.18E-09
5367 497363.09, 3866377.25	4.88E-04	1.54E-07	4.48E-08	4.46E-05	1.41E-08	4.09E-09	4.96E-04	1.57E-07	4.55E-08	5.15E-05	1.63E-08	4.73E-09	4.86E-04	1.54E-07	4.47E-08	2.34E-05	7.40E-09	2.15E-09
5368 497863.09, 3866377.25	5.09E-04	1.61E-07	4.67E-08	4.28E-05	1.35E-08	3.93E-09	5.17E-04	1.63E-07	4.74E-08	4.95E-05	1.56E-08	4.55E-09	5.10E-04	1.61E-07	4.68E-08	2.25E-05	7.11E-09	2.07E-09
5369 498363.09, 3866377.25	4.51E-04	1.42E-07	4.14E-08	3.88E-05	1.23E-08	3.57E-09	4.58E-04	1.45E-07	4.20E-08	4.49E-05	1.42E-08	4.12E-09	4.51E-04	1.42E-07	4.14E-08	2.04E-05	6.45E-09	1.88E-09
5370 474494.92, 3848334.16	1.65E-04	5.21E-08	1.52E-08	2.64E-05	8.32E-09	2.42E-09	1.70E-04	5.35E-08	1.56E-08	3.05E-05	9.62E-09	2.80E-09	1.57E-04	4.97E-08	1.44E-08	1.39E-05	4.37E-09	1.27E-09
5371 475167.27, 3848920.79	1.84E-04	5.80E-08	1.69E-08	3.00E-05	9.47E-09	2.75E-09	1.89E-04	5.96E-08	1.73E-08	3.47E-05	1.09E-08	3.18E-09	1.75E-04	5.52E-08	1.61E-08	1.58E-05	4.97E-09	1.45E-09
5372 475297.89, 3848997.96	1.87E-04	5.89E-08	1.71E-08	3.05E-05	9.64E-09	2.80E-09	1.92E-04	6.06E-08	1.76E-08	3.53E-05	1.11E-08	3.24E-09	1.78E-04	5.60E-08	1.63E-08	1.60E-05	5.06E-09	1.47E-09
5373 475439.05, 3849062	1.84E-04	5.81E-08	1.69E-08	3.05E-05	9.64E-09	2.80E-09	1.89E-04	5.98E-08	1.74E-08	3.53E-05	1.12E-08	3.24E-09	1.75E-04	5.52E-08	1.61E-08	1.60E-05	5.06E-09	1.47E-09
5374 475486.86, 3849061.09	1.83E-04	5.77E-08	1.68E-08	3.04E-05	9.60E-09	2.79E-09	1.88E-04	5.93E-08	1.73E-08	3.52E-05	1.11E-08	3.23E-09	1.73E-04	5.48E-08	1.59E-08	1.60E-05	5.04E-09	1.47E-09
5375 475538.46, 3849075.56	1.85E-04	5.82E-08	1.69E-08	3.06E-05	9.65E-09	2.81E-09	1.90E-04	5.99E-08	1.74E-08	3.54E-05	1.12E-08	3.25E-09	1.75E-04	5.53E-08	1.61E-08	1.61E-05	5.07E-09	1.47E-09
5376 475751.79, 3849137.15	1.97E-04	6.23E-08	1.81E-08	3.16E-05	9.97E-09	2.90E-09	2.03E-04	6.40E-08	1.86E-08	3.65E-05	1.15E-08	3.35E-09	1.88E-04	5.94E-08	1.73E-08	1.66E-05	5.23E-09	1.52E-09
5377 476303.62, 3849223.38	2.31E-04	7.29E-08	2.12E-08	3.26E-05	1.03E-08	2.99E-09	2.36E-04	7.46E-08	2.17E-08	3.77E-05	1.19E-08	3.46E-09	2.23E-04	7.04E-08	2.05E-08	1.71E-05	5.40E-09	1.57E-09
5378 476304.51, 3849238.92	2.31E-04	7.28E-08	2.12E-08	3.28E-05	1.03E-08	3.01E-09	2.36E-04	7.46E-08	2.17E-08	3.79E-05	1.20E-08	3.48E-09	2.23E-04	7.03E-08	2.04E-08	1.72E-05	5.43E-09	1.58E-09
5379 476365.04, 3849247.98	2.35E-04	7.43E-08	2.16E-08	3.28E-05	1.04E-08	3.01E-09	2.41E-04	7.61E-08	2.21E-08	3.80E-05	1.20E-08	3.49E-09	2.28E-04	7.18E-08	2.09E-08	1.72E-05	5.44E-09	1.58E-09
5380 476444.86, 3849267.13	2.38E-04	7.52E-08	2.19E-08	3.29E-05	1.04E-08	3.02E-09	2.44E-04	7.70E-08	2.24E-08	3.81E-05	1.20E-08	3.49E-09	2.30E-04	7.27E-08	2.12E-08	1.73E-05	5.45E-09	1.59E-09
5381 476550.75, 3849300.66	2.49E-04	7.84E-08	2.28E-08	3.32E-05	1.05E-08	3.05E-09	2.54E-04	8.02E-08	2.33E-08	3.85E-05	1.21E-08	3.53E-09	2.41E-04	7.61E-08	2.21E-08	1.75E-05	5.51E-09	1.60E-09
5382 476656.71, 3849346.88	2.57E-04	8.10E-08	2.36E-08	3.36E-05	1.06E-08	3.09E-09	2.63E-04	8.29E-08	2.41E-08	3.89E-05	1.23E-08	3.57E-09	2.50E-04	7.88E-08	2.29E-08	1.76E-05	5.57E-09	1.62E-09
5383 476873.55, 3849454.53	2.75E-04	8.69E-08	2.53E-08	3.45E-05	1.09E-08	3.17E-09	2.81E-04	8.88E-08	2.58E-08	3.99E-05	1.26E-08	3.66E-09	2.69E-04	8.48E-08	2.47E-08	1.81E-05	5.72E-09	1.66E-09
5384 477700, 3849859.7	3.42E-04	1.08E-07	3.14E-08	3.77E-05	1.19E-08	3.46E-09	3.49E-04	1.10E-07	3.20E-08	4.36E-05	1.38E-08	4.01E-09	3.37E-04	1.06E-07	3.10E-08	1.98E-05	6.25E-09	1.82E-09
5385 477743.16, 3849856.38	3.40E-04	1.07E-07	3.12E-08	3.74E-05	1.18E-08	3.44E-09	3.46E-04	1.09E-07	3.18E-08	4.33E-05	1.37E-08	3.97E-09	3.35E-04	1.06E-07	3.07E-08	1.96E-05	6.20E-09	1.80E-09
5386 478477.35, 3850216.33	3.57E-04	1.13E-07	3.28E-08	3.97E-05	1.25E-08	3.65E-09	3.64E-04	1.15E-07	3.34E-08	4.60E-05	1.45E-08	4.22E-09	3.51E-04	1.11E-07	3.23E-08	2.08E-05	6.58E-09	1.91E-09
5387 478485.8, 3850201.6	3.55E-04	1.12E-07	3.26E-08	3.95E-05	1.25E-08	3.62E-09	3.62E-04	1.14E-07	3.32E-08	4.57E-05	1.44E-08	4.19E-09	3.50E-04	1.10E-07	3.21E-08	2.07E-05	6.54E-09	1.90E-09
5388 479113.21, 3850501.53	3.92E-04	1.24E-07	3.60E-08	4.51E-05	1.42E-08	4.14E-09	4.00E-04	1.26E-07	3.67E-08	5.22E-05	1.65E-08	4.79E-09	3.85E-04	1.22E-07	3.54E-08	2.37E-05	7.47E-09	2.17E-09
5389 479108.11, 3850382.28	3.78E-04	1.19E-07	3.47E-08	4.49E-05	1.42E-08	4.12E-09	3.85E-04	1.22E-07	3.54E-08	5.19E-05	1.64E-08	4.76E-09	3.70E-04	1.17E-07	3.40E-08	2.35E-05	7.42E-09	2.16E-09
5390 479689.85, 3850674.28	3.84E-04	1.21E-07	3.53E-08	5.29E-05	1.67E-08	4.86E-09	3.93E-04	1.24E-07	3.61E-08	6.12E-05	1.93E-08	5.62E-09	3.72E-04	1.17E-07	3.41E-08	2.77E-05	8.75E-09	2.55E-09
5391 479952.42, 3850774.28	3.94E-04	1.24E-07	3.62E-08	6.04E-05	1.91E-08	5.55E-09	4.05E-04	1.28E-07	3.71E-08	6.99E-05	2.21E-08	6.42E-09	3.78E-04	1.19E-07	3.47E-08	3.16E-05	9.98E-09	2.90E-09
5392 479911.32, 3850884.85	4.12E-04	1.30E-07	3.79E-08	5.76E-05	1.82E-08	5.29E-09	4.22E-04	1.33E-07	3.88E-08	6.67E-05	2.10E-08	6.12E-09	3.99E-04	1.26E-07	3.66E-08	3.02E-05	9.52E-09	2.77E-09
5393 480500.92, 3851178.12	4.62E-04	1.46E-07	4.24E-08	7.45E-05	2.35E-08	6.84E-09	4.75E-04	1.50E-07	4.36E-08	8.62E-05	2.72E-08	7.91E-09	4.41E-04	1.39E-07	4.05E-08	3.89E-05	1.23E-08	3.57E-09
5394 480738.01, 3851289.27	4.84E-04	1.53E-07	4.44E-08	8.29E-05	2.62E-08	7.61E-09	4.98E-04	1.57E-07	4.57E-08	9.59E-05	3.03E-08	8.81E-09	4.58E-04	1.45E-07	4.21E-08	4.33E-05	1.37E-08	3.98E-09
5395 481055.42, 3851443.58	5.07E-04	1.60E-07	4.65E-08	9.42E-05	2.97E-08	8.65E-09	5.23E-04	1.65E-07	4.80E-08	1.09E-04	3.44E-08	1.00E-08	4.76E-04	1.50E-07	4.37E-08	4.92E-05	1.55E-08	4.52E-09
5396 481110.22, 3851443.15	5.04E-04	1.59E-07	4.62E-08	9.61E-05	3.03E-08	8.83E-09	5.20E-04	1.64E-07	4.77E-08	1.11E-04	3.51E-08	1.02E-08	4.71E-04	1.49E-07	4.33E-08	5.02E-05	1.58E-08	4.61E-09
5397 481111.1, 3851417.45	4.98E-04	1.57E-07	4.57E-08	9.61E-05	3.03E-08	8.82E-09	5.14E-04	1.62E-07	4.72E-08	1.11E-04	3.51E-08	1.02E-08	4.65E-04	1.47E-07	4.27E-08	5.02E-05	1.58E-08	4.61E-09
5398 482248.44, 3852605.09	7.24E-04	2.28E-07	6.64E-08	1.50E-04	4.73E-08	1.37E-08	7.49E-04	2.37E-07	6.88E-08	1.73E-04	5.47E-08	1.59E-08	6.71E-04	2.12E-07	6.16E-08	7.81E-05	2.47E-08	7.17E-09
5399 482273.34, 3852632.31	7.31E-04	2.31E-07	6.71E-08	1.52E-04	4.78E-08	1.39E-08	7.57E-04	2.39E-07	6.95E-08	1.75E-04	5.54E-08	1.61E-08	6.77E-04	2.14E-07	6.22E-08	7.91E-05	2.50E-08	7.26E-09
5400 482665.46, 3853038.72	8.71E-04	2.75E-07	8.00E-08	1.85E-04	5.84E-08	1.70E-08	9.03E-04	2.85E-07	8.29E-08	2.14E-04	6.76E-08	1.97E-08	8.04E-04	2.54E-07	7.38E-08	9.66E-05	3.05E-08	8.87E-09
5401 483077.95, 3853844.31	1.15E-03	3.64E-07	1.06E-07	2.41E-04	7.61E-08	2.21E-08	1.19E-03	3.77E-07	1.10E-07	2.79E-04	8.81E-08	2.56E-08	1.07E-03	3.37E-07	9.80E-08	1.26E-04	3.97E-08	1.15E-08
5402 483121.38, 3853909.38	1.17E-03	3.70E-07	1.08E-07	2.53E-04	7.98E-08	2.32E-08	1.21E-03	3.83E-07	1.12E-07	2.93E-04	9.24E-08	2.69E-08	1.08E-03	3.40E-07	9.90E-08	1.32E-04	4.17E-08	1.21E-08
5403 483492.64, 3853911.49	1.16E-03	3.65E-07	1.06E-07	3.41E-04	1.08E-07	3.13E-08	1.21E-03	3.83E-07	1.11E-07	3.95E-04	1.25E-07	3.63E-08	1.01E-03	3.18E-07	9.25E-08	1.78E-04	5.61E-08	1.63E-08
5404 483498.29, 3854204.73	1.32E-03	4.17E-07	1.21E-07	3.60E-04	1.14E-07	3.30E-08	1.38E-03	4.36E-07	1.27E-07	4.17E-04	1.32E-07	3.83E-08	1.17E-03	3.69E-07	1.07E-07	1.88E-04	5.93E-08	1.72E-08
5405 484132.44, 3854662.55	1.97E-03	6.23E-07	1.81E-07	5.66E-04	1.79E-07	5.20E-08	2.07E-03	6.54E-07	1.90E-07	6.55E-04	2.07E-07	6.01E-08	1.73E-03	5.46E-07	1.59E-07	2.96E-04	9.35E-08	2.72E-08
5406 484627.62, 3854876.13	3.20E-03	1.01E-06	2.93E-07	1.04E-03	3.28E-07	9.54E-08	3.38E-03	1.07E-06	3.10E-07	1.20E-03	3.80E-07	1.10E-07	2.73E-03	8.62E-07	2.51E-07	5.42E-04	1.71E-07	4.97E-08
5407 484756.14, 3854949.04	3.84E-03	1.21E-06	3.52E-07	1.38E-03	4.37E-07	1.27E-07	4.07E-03	1.29E-06	3.74E-07	1.60E-03	5.06E-07	1.47E-07	3.19E-03	1.01E-06	2.93E-07	7.20E-04	2.27E-07	6.61E-08
5408 486697.51, 3856599.17	2.78E-02	8.76E-06	2.55E-06	1.82E-02	5.74E-06	1.67E-06	3.09E-02	9.75E-06	2.84E-06	2.11E-02	6.65E-06	1.93E-06	1.81E-02	5.72E-06	1.66E-06	9.45E-03	2.98E-06	8.67E-07

5409 487105.31, 3856962.27	3.02E-02	9.53E-06	2.77E-06	1.94E-02	6.12E-06	1.78E-06	3.35E-02	1.06E-05	3.08E-06	2.25E-02	7.09E-06	2.06E-06	2.00E-02	6.30E-06	1.83E-06	1.01E-02	3.18E-06	9.25E-07
5410 487157.57, 3856901.7	2.48E-02	7.83E-06	2.28E-06	1.48E-02	4.68E-06	1.36E-06	2.74E-02	8.63E-06	2.51E-06	1.72E-02	5.42E-06	1.58E-06	1.71E-02	5.39E-06	1.57E-06	7.70E-03	2.43E-06	7.07E-07
5411 487173.5, 3856853.74	2.28E-02	7.19E-06	2.09E-06	1.32E-02	4.16E-06	1.21E-06	2.50E-02	7.91E-06	2.30E-06	1.53E-02	4.82E-06	1.40E-06	1.59E-02	5.03E-06	1.46E-06	6.86E-03	2.16E-06	6.29E-07
5412 487564.41, 3856860.83	1.60E-02	5.06E-06	1.47E-06	7.67E-03	2.42E-06	7.04E-07	1.73E-02	5.47E-06	1.59E-06	8.88E-03	2.80E-06	8.15E-07	1.22E-02	3.85E-06	1.12E-06	3.99E-03	1.26E-06	3.66E-07
5413 487563.31, 3856931.58	1.63E-02	5.15E-06	1.50E-06	7.71E-03	2.43E-06	7.08E-07	1.77E-02	5.57E-06	1.62E-06	8.93E-03	2.82E-06	8.20E-07	1.25E-02	3.94E-06	1.15E-06	4.01E-03	1.26E-06	3.68E-07
5414 487782.7, 3856926.85	1.40E-02	4.43E-06	1.29E-06	5.93E-03	1.87E-06	5.44E-07	1.51E-02	4.76E-06	1.38E-06	6.87E-03	2.17E-06	6.30E-07	1.12E-02	3.53E-06	1.03E-06	3.08E-03	9.73E-07	2.83E-07
5415 487782.39, 3856757.07	1.35E-02	4.26E-06	1.24E-06	5.95E-03	1.88E-06	5.47E-07	1.45E-02	4.58E-06	1.33E-06	6.90E-03	2.18E-06	6.33E-07	1.06E-02	3.34E-06	9.71E-07	3.10E-03	9.77E-07	2.84E-07
5416 487917.26, 3856752.41	1.26E-02	3.98E-06	1.16E-06	5.29E-03	1.67E-06	4.86E-07	1.35E-02	4.27E-06	1.24E-06	6.13E-03	1.93E-06	5.63E-07	1.01E-02	3.18E-06	9.24E-07	2.75E-03	8.69E-07	2.53E-07
5417 487919.57, 3856953.35	1.30E-02	4.11E-06	1.20E-06	5.07E-03	1.60E-06	4.66E-07	1.39E-02	4.39E-06	1.28E-06	5.87E-03	1.85E-06	5.39E-07	1.06E-02	3.35E-06	9.75E-07	2.64E-03	8.32E-07	2.42E-07
5418 487932.76, 3857000.32	1.28E-02	4.05E-06	1.18E-06	4.84E-03	1.53E-06	4.44E-07	1.37E-02	4.32E-06	1.26E-06	5.61E-03	1.77E-06	5.15E-07	1.06E-02	3.34E-06	9.71E-07	2.52E-03	7.94E-07	2.31E-07
5419 487960.5, 3857044.75	1.26E-02	3.96E-06	1.15E-06	4.52E-03	1.43E-06	4.15E-07	1.33E-02	4.21E-06	1.22E-06	5.23E-03	1.65E-06	4.80E-07	1.05E-02	3.30E-06	9.61E-07	2.35E-03	7.42E-07	2.16E-07
5420 488016.54, 3857089.54	1.21E-02	3.82E-06	1.11E-06	4.09E-03	1.29E-06	3.75E-07	1.28E-02	4.04E-06	1.18E-06	4.73E-03	1.49E-06	4.34E-07	1.03E-02	3.24E-06	9.41E-07	2.13E-03	6.71E-07	1.95E-07
5421 488114.39, 3857165.47	1.15E-02	3.62E-06	1.05E-06	3.43E-03	1.08E-06	3.15E-07	1.20E-02	3.80E-06	1.11E-06	3.97E-03	1.25E-06	3.64E-07	9.98E-03	3.15E-06	9.16E-07	1.78E-03	5.63E-07	1.64E-07
5422 488171.49, 3857234.24	1.11E-02	3.52E-06	1.02E-06	2.99E-03	9.43E-07	2.74E-07	1.17E-02	3.68E-06	1.07E-06	3.46E-03	1.09E-06	3.17E-07	9.92E-03	3.13E-06	9.11E-07	1.55E-03	4.91E-07	1.43E-07
5423 488193.16, 3857297.8	1.11E-02	3.49E-06	1.01E-06	2.67E-03	8.42E-07	2.45E-07	1.15E-02	3.63E-06	1.06E-06	3.09E-03	9.75E-07	2.84E-07	1.00E-02	3.16E-06	9.19E-07	1.39E-03	4.38E-07	1.27E-07
5424 488189.27, 3857649.94	1.18E-02	3.71E-06	1.08E-06	1.45E-03	4.57E-07	1.33E-07	1.20E-02	3.79E-06	1.10E-06	1.68E-03	5.29E-07	1.54E-07	1.15E-02	3.63E-06	1.06E-06	7.59E-04	2.40E-07	6.97E-08
5425 488127.43, 3857732.32	1.23E-02	3.90E-06	1.13E-06	1.26E-03	3.99E-07	1.16E-07	1.26E-02	3.96E-06	1.15E-06	1.46E-03	4.61E-07	1.34E-07	1.22E-02	3.85E-06	1.12E-06	6.65E-04	2.10E-07	6.11E-08
5426 488149.93, 3857752.94	1.25E-02	3.94E-06	1.15E-06	1.22E-03	3.86E-07	1.12E-07	1.27E-02	4.01E-06	1.17E-06	1.42E-03	4.47E-07	1.30E-07	1.24E-02	3.90E-06	1.14E-06	6.45E-04	2.04E-07	5.92E-08
5427 488144.76, 3857758.71	1.25E-02	3.95E-06	1.15E-06	1.21E-03	3.83E-07	1.11E-07	1.27E-02	4.02E-06	1.17E-06	1.40E-03	4.43E-07	1.29E-07	1.24E-02	3.92E-06	1.14E-06	6.39E-04	2.02E-07	5.87E-08
5428 488335.58, 3857932.55	3.82E-02	1.21E-05	3.51E-06	1.26E-03	3.98E-07	1.16E-07	3.84E-02	1.21E-05	3.52E-06	1.40E-03	4.43E-07	1.29E-07	3.83E-02	1.21E-05	3.52E-06	8.23E-04	2.60E-07	7.56E-08
5429 488372.29, 3857943.79	3.77E-02	1.19E-05	3.46E-06	1.24E-03	3.91E-07	1.14E-07	3.78E-02	1.19E-05	3.47E-06	1.38E-03	4.36E-07	1.27E-07	3.78E-02	1.19E-05	3.47E-06	8.09E-04	2.55E-07	7.42E-08
5430 488828.64, 3857936.4	1.90E-02	5.98E-06	1.74E-06	1.03E-03	3.25E-07	9.45E-08	1.91E-02	6.03E-06	1.75E-06	1.17E-03	3.71E-07	1.08E-07	1.90E-02	6.00E-06	1.74E-06	5.87E-04	1.85E-07	5.39E-08
5431 488829.08, 3857959.58	1.88E-02	5.94E-06	1.73E-06	1.00E-03	3.16E-07	9.18E-08	1.90E-02	5.99E-06	1.74E-06	1.14E-03	3.60E-07	1.05E-07	1.89E-02	5.96E-06	1.73E-06	5.70E-04	1.80E-07	5.24E-08
5432 488351.61, 3857964.55	4.03E-02	1.27E-05	3.70E-06	1.25E-03	3.93E-07	1.14E-07	4.05E-02	1.28E-05	3.71E-06	1.38E-03	4.36E-07	1.27E-07	4.05E-02	1.28E-05	3.71E-06	8.28E-04	2.61E-07	7.60E-08
5433 488316.87, 3857947.65	4.11E-02	1.30E-05	3.77E-06	1.28E-03	4.03E-07	1.17E-07	4.12E-02	1.30E-05	3.78E-06	1.42E-03	4.47E-07	1.30E-07	4.12E-02	1.30E-05	3.78E-06	8.49E-04	2.68E-07	7.80E-08
5434 488129.1, 3857775.77	1.27E-02	4.00E-06	1.16E-06	1.18E-03	3.73E-07	1.08E-07	1.29E-02	4.07E-06	1.18E-06	1.36E-03	4.31E-07	1.25E-07	1.26E-02	3.98E-06	1.16E-06	6.23E-04	1.97E-07	5.72E-08
5435 488062.53, 3857846.13	1.36E-02	4.29E-06	1.25E-06	1.06E-03	3.36E-07	9.76E-08	1.38E-02	4.34E-06	1.26E-06	1.23E-03	3.88E-07	1.13E-07	1.36E-02	4.29E-06	1.25E-06	5.65E-04	1.78E-07	5.18E-08
5436 488330.41, 3858091.34	2.51E-02	7.91E-06	2.30E-06	9.09E-04	2.87E-07	8.34E-08	2.52E-02	7.96E-06	2.31E-06	1.03E-03	3.24E-07	9.43E-08	2.54E-02	8.00E-06	2.33E-06	5.49E-04	1.73E-07	5.04E-08
5437 488470.87, 3858174.45	1.86E-02	5.87E-06	1.71E-06	7.45E-04	2.35E-07	6.84E-08	1.87E-02	5.91E-06	1.72E-06	8.53E-04	2.69E-07	7.83E-08	1.90E-02	5.98E-06	1.74E-06	4.20E-04	1.32E-07	3.85E-08
5438 488568.9, 3858262.31	1.70E-02	5.36E-06	1.56E-06	6.48E-04	2.05E-07	5.95E-08	1.71E-02	5.39E-06	1.57E-06	7.45E-04	2.35E-07	6.84E-08	1.74E-02	5.49E-06	1.60E-06	3.54E-04	1.12E-07	3.25E-08
5439 488964.27, 3858025.71	1.63E-02	5.15E-06	1.50E-06	9.00E-04	2.84E-07	8.26E-08	1.65E-02	5.19E-06	1.51E-06	1.03E-03	3.26E-07	9.47E-08	1.64E-02	5.18E-06	1.51E-06	5.02E-04	1.58E-07	4.61E-08
5440 489147.25, 3857956.64	1.48E-02	4.68E-06	1.36E-06	9.58E-04	3.02E-07	8.80E-08	1.50E-02	4.73E-06	1.38E-06	1.10E-03	3.47E-07	1.01E-07	1.48E-02	4.69E-06	1.36E-06	5.28E-04	1.67E-07	4.85E-08
5441 489343.52, 3857932.45	1.33E-02	4.21E-06	1.22E-06	9.59E-04	3.03E-07	8.80E-08	1.35E-02	4.25E-06	1.24E-06	1.10E-03	3.48E-07	1.01E-07	1.33E-02	4.20E-06	1.22E-06	5.22E-04	1.65E-07	4.79E-08
5442 489866.19, 3857923.19	1.09E-02	3.44E-06	1.00E-06	8.93E-04	2.82E-07	8.19E-08	1.10E-02	3.49E-06	1.01E-06	1.03E-03	3.25E-07	9.45E-08	1.08E-02	3.42E-06	9.96E-07	4.79E-04	1.51E-07	4.40E-08
5443 489955.65, 3857902.27	1.05E-02	3.32E-06	9.66E-07	8.95E-04	2.83E-07	8.22E-08	1.07E-02	3.37E-06	9.80E-07	1.03E-03	3.26E-07	9.48E-08	1.05E-02	3.30E-06	9.60E-07	4.80E-04	1.51E-07	4.41E-08
5444 490079.44, 3857847.9	1.01E-02	3.20E-06	9.32E-07	9.11E-04	2.87E-07	8.36E-08	1.03E-02	3.25E-06	9.46E-07	1.05E-03	3.31E-07	9.64E-08	1.01E-02	3.17E-06	9.23E-07	4.87E-04	1.54E-07	4.47E-08
5445 490108.49, 3857934.13	1.02E-02	3.22E-06	9.37E-07	8.50E-04	2.68E-07	7.80E-08	1.03E-02	3.26E-06	9.50E-07	9.80E-04	3.09E-07	8.99E-08	1.02E-02	3.21E-06	9.33E-07	4.55E-04	1.43E-07	4.17E-08
5446 489884.48, 3858014.17	1.10E-02	3.47E-06	1.01E-06	8.27E-04	2.61E-07	7.59E-08	1.11E-02	3.51E-06	1.02E-06	9.53E-04	3.01E-07	8.75E-08	1.10E-02	3.47E-06	1.01E-06	4.44E-04	1.40E-07	4.07E-08
5447 489326.56, 3858025.86	1.34E-02	4.22E-06	1.23E-06	8.74E-04	2.76E-07	8.03E-08	1.35E-02	4.27E-06	1.24E-06	1.01E-03	3.17E-07	9.23E-08	1.34E-02	4.24E-06	1.23E-06	4.76E-04	1.50E-07	4.37E-08
5448 489130.38, 3858056.71	1.45E-02	4.59E-06	1.33E-06	8.60E-04	2.71E-07	7.89E-08	1.47E-02	4.63E-06	1.35E-06	9.88E-04	3.12E-07	9.07E-08	1.46E-02	4.62E-06	1.34E-06	4.72E-04	1.49E-07	4.33E-08
5449 488936.49, 3858143.93	1.55E-02	4.88E-06	1.42E-06	7.68E-04	2.42E-07	7.05E-08	1.56E-02	4.92E-06	1.43E-06	8.82E-04	2.78E-07	8.09E-08	1.57E-02	4.95E-06	1.44E-06	4.23E-04	1.33E-07	3.88E-08
5450 488638.08, 3858327.45	1.66E-02	5.23E-06	1.52E-06	6.02E-04	1.90E-07	5.53E-08	1.67E-02	5.26E-06	1.53E-06	6.93E-04	2.19E-07	6.37E-08	1.70E-02	5.38E-06	1.56E-06	3.25E-04	1.03E-07	2.99E-08
5451 488663.79, 3858349.57	1.65E-02	5.20E-06	1.51E-06	5.89E-04	1.86E-07	5.41E-08	1.66E-02	5.23E-06	1.52E-06	6.78E-04	2.14E-07	6.23E-08	1.70E-02	5.35E-06	1.56E-06	3.17E-04	1.00E-07	2.91E-08
5452 488694.56, 3858349.5	1.63E-02	5.15E-06	1.50E-06	5.88E-04	1.86E-07	5.40E-08	1.64E-02	5.18E-06	1.51E-06	6.78E-04	2.14E-07	6.22E-08	1.68E-02	5.30E-06	1.54E-06	3.17E-04	1.00E-07	2.91E-08
5453 488694.35, 3858336.75	1.63E-02	5.15E-06	1.50E-06	5.96E-04	1.88E-07	5.47E-08	1.64E-02	5.18E-06	1.51E-06	6.86E-04	2.17E-07	6.30E-08	1.68E-02	5.29E-06	1.54E-06	3.22E-04	1.02E-07	2.95E-08
5454 488712.81, 3858336.38	1.62E-02	5.12E-06	1.49E-06	5.96E-04	1.88E-07	5.47E-08	1.63E-02	5.15E-06	1.50E-06	6.86E-04	2.17E-07	6.30E-08	1.67E-02	5.26E-06	1.53E-06	3.22E-04	1.02E-07	2.96E-08
5455 488713.23, 3858367.46	1.63E-02	5.14E-06	1.50E-06	5.78E-04	1.82E-07	5.30E-08	1.64E-02	5.18E-06	1.51E-06	6.66E-04	2.10E-07	6.11E-08	1.68E-02	5.30E-06	1.54E-06	3.11E-04	9.81E-08	2.85E-08
5456 488704.63, 3858384.05	1.64E-02	5.18E-06	1.51E-06	5.69E-04	1.80E-07	5.22E-08	1.65E-02	5.21E-06	1.52E-06	6.56E-04	2.07E-07	6.02E-08	1.69E-02	5.34E-06	1.55E-06	3.06E-04	9.65E-08	2.81E-08
5457 488604.15, 3858488.29	1.79E-02	5.65E-06	1.64E-06	5.30E-04	1.67E-07	4.87E-08	1.80E-02	5.68E-06	1.65E-06	6.12E-04	1.93E-07	5.62E-08	1.86E-02	5.86E-06	1.70E-06	2.82E-04	8.89E-08	2.59E-08
5458 488605.66, 3858550.47	1.89E-02	5.96E-06	1.73E-06	5.08E-04	1.60E-07	4.66E-08	1.90E-02	5.99E-06	1.74E-06	5.86E-04	1.85E-07	5.38E-08	1.96E-02	6.19E-06	1.80E-06	2.69E-04	8.51E-08	2.47E-08
5459 488692.68, 3858548.71	1.84E-02	5.79E-06	1.69E-06	5.03E-04	1.59E-07	4.62E-08	1.84E-02	5.82E-06	1.69E-06	5.81E-04	1.83E-07	5.33E-08	1.90E-02	6.01E-06	1.75E-06	2.67E-04	8.43E-08	2.45E-08
5460 488759.93, 3858461.81	1.67E-02	5.28E-06	1.54E-06	5.32E-04	1.68E-07	4.88E-08	1.68E-02	5.31E-06	1.54E-06	6.13E-04	1.94E-07	5.63E-08	1.73E-02	5.46E-06	1.59E-06	2.84E-04	8.96E-08	2.61E-08
5461 488816.57, 3858541.79	1.76E-02	5.54E-06	1.61E-06	4.99E-04	1.57E-07	4.58E-08	1.76E-02	5.57E-06	1.62E-06	5.75E-04	1.82E-07	5.28E-08	1.82E-02	5.74E-06	1.67E-06	2.65E-04	8.38E-08	2.44E-08
5462 488944.63, 3858656.77	1.95E-02	6.17E-06	1.79E-06	4.57E-04	1.44E-07	4.19E-08	1.96E-02	6.19E-06	1.80E-06	5.27E-04	1.66E-07	4.84E-08	2.03E-02	6.42E-06	1.87E-06	2.43E-04	7.66E-08	2.23E-08
5463 489134.91, 3858830.7	2.39E-02	7.55E-06	2.20E-06	4.06E-04	1.28E-07	3.73E-08	2.40E-02	7.58E-06	2.20E-06	4.68E-04	1.48E-07	4.30E-08	2.50E-02	7.89E-06	2.29E-06	2.16E-04	6.81E-08	1.98E-08
5464 489193.99, 3858886.05	2.51E-02	7.93E-06	2.31E-06	3.92E-04	1.24E-07	3.60E-08	2.52E-02	7.95E-06	2.31E-06	4.52E-04	1.43E-07	4.15E-08	2.63E-02	8.29E-06	2.41E-06	2.09E-04	6.59E-08	1.92E-08
5465 489295.2, 3858954.34	2.55E-02	8.06E-06	2.34E-06	3.74E-04	1.18E-07	3.44E-08	2.56E-02	8.08E-06	2.35E-06	4.32E-04	1.36E-07	3.97E-08	2.67E-02	8.43E-06	2.45E-06	2.00E-04	6.30E-08	1.83E-08
5466 489295.64, 3858992.74	2.66E-02	8.40E-06	2.44E-06	3.68E-04	1.16E-07	3.38E-08	2.67E-02	8.42E-06	2.45E-06	4.25E-04	1.34E-07	3.90E-08	2.79E-02	8.79E-06	2.56E-06	1.96E-04	6.20E-08	1.80E-08
5467 489183.74, 3858911.72	2.63E-02	8.30E-06	2.41E-06	3.88E-04	1.22E-07	3.56E-08	2.64E-02	8.32E-06	2.42E-06	4.48E-04	1.41E-07	4.11E-08	2.75E-02	8.68E-06	2.53E-06	2.07E-04	6.52E-08	1.90E-08
5468 488873.37, 3858625.59	1.91E-02	6.02E-06	1.75E-06	4.69E-04	1.48E-07	4.31E-08	1.92E-02	6.05E-06	1.76E-06	5.42E-04	1.71E-07	4.98E-08	1.98E-02	6.26E-06	1.82E-06	2.49E-04	7.87E-08	2.29E-08
5469 488842.84, 3858658.69	2.03E-02	6.41E-06	1.87E-06	4.62E-04	1.46E-07	4.24E-08	2.04E-02	6.44E-06	1.87E-06	5.33E-04	1.68E-07	4.89E-08	2.11E-02	6.67E-06	1.94E-06	2.45E-04	7.74E-08	2.25E-08
5470 488856.39, 3858670.93	2.06E-02	6.50E-06	1.89E-06	4.58E-04	1.45E-07	4.20E-08	2.07E-02	6.53E-06	1.90E-06	5.29E-04	1.67E-07	4.85E-08	2.15E-02	6.77E-06	1.97E-06	2.43E-04	7.68E-08	2.23E-08
5471 488805.7, 3858724.5	2.34E-02	7.37E-06	2.14E-06	4.47E-04	1.41E-07	4.10E-08	2.34E-02	7.40E-06	2.15E-06	5.16E-04	1.63E-07	4.74E-08	2.44E-02	7.69E-06	2.24E-06	2.37E-04	7.49E-08	2.18E-08
5472 488805.87, 3858804.16	2.84E-02	8.95E-06	2.60E-06	4.27E-04	1.35E-07	3.92E-08	2.84E-02	8.97E-06	2.61E-06	4.93E-04	1.56E-07	4.52E-08	2.97E-02	9.36E-06	2.72E-06	2.27E-04	7.15E-08	2.08E-08
5473 488995.78, 3858936.96	3.29E-02	1.04E-05	3.02E-06	3.92E-04	1.24E-07	3.60E-08	3.30E-02	1.04E-05	3.03E-06	4.52E-04	1.43E-07	4.15E-08	3.45E-02	1.09E-05	3.17E-06	2.09E-04	6.59E-08	1.92E-08
5474 489130.76, 3859017.38	3.19E-02	1.01E-05	2.92E-06	3.73E-04	1.18E-07	3.42E-08	3.19E-02	1.01E-05	2.93E-06	4.30E-04	1.36E-07	3.95E-08	3.34E-02	1.05E-05	3.07E-06	1.99E-04	6.28E-08	1.83E-08

5475	489130.92, 3859052.24	3.29E-02	1.04E-05	3.02E-06	3.67E-04	1.16E-07	3.37E-08	3.30E-02	1.04E-05	3.03E-06	4.24E-04	1.34E-07	3.89E-08	3.45E-02	1.09E-05	3.17E-06	1.96E-04	6.20E-08	1.80E-08
5476	489200.33, 3859090.6	3.16E-02	9.97E-06	2.90E-06	3.58E-04	1.13E-07	3.29E-08	3.16E-02	9.98E-06	2.90E-06	4.13E-04	1.30E-07	3.79E-08	3.31E-02	1.04E-05	3.04E-06	1.92E-04	6.05E-08	1.76E-08
5477	489296.07, 3859143.7	2.97E-02	9.38E-06	2.73E-06	3.46E-04	1.09E-07	3.18E-08	2.98E-02	9.39E-06	2.73E-06	3.99E-04	1.26E-07	3.66E-08	3.11E-02	9.83E-06	2.86E-06	1.85E-04	5.85E-08	1.70E-08
5478	489296.43, 3858954.74	2.55E-02	8.05E-06	2.34E-06	3.74E-04	1.18E-07	3.44E-08	2.56E-02	8.07E-06	2.35E-06	4.32E-04	1.36E-07	3.96E-08	2.67E-02	8.42E-06	2.45E-06	2.00E-04	6.30E-08	1.83E-08
5479	489410.33, 3859033.19	2.51E-02	7.92E-06	2.30E-06	3.56E-04	1.12E-07	3.27E-08	2.52E-02	7.94E-06	2.31E-06	4.10E-04	1.30E-07	3.77E-08	2.63E-02	8.29E-06	2.41E-06	1.90E-04	6.00E-08	1.74E-08
5480	489371.37, 3859089.8	2.70E-02	8.52E-06	2.48E-06	3.49E-04	1.10E-07	3.21E-08	2.70E-02	8.53E-06	2.48E-06	4.03E-04	1.27E-07	3.70E-08	2.83E-02	8.92E-06	2.59E-06	1.87E-04	5.90E-08	1.72E-08
5481	489390.52, 3859102.82	2.68E-02	8.44E-06	2.46E-06	3.47E-04	1.09E-07	3.18E-08	2.68E-02	8.46E-06	2.46E-06	4.00E-04	1.26E-07	3.67E-08	2.80E-02	8.84E-06	2.57E-06	1.85E-04	5.85E-08	1.70E-08
5482	489382.3, 3859114.53	2.71E-02	8.55E-06	2.49E-06	3.46E-04	1.09E-07	3.17E-08	2.71E-02	8.57E-06	2.49E-06	3.99E-04	1.26E-07	3.66E-08	2.84E-02	8.95E-06	2.60E-06	1.85E-04	5.84E-08	1.70E-08
5483	489363.04, 3859102.45	2.74E-02	8.63E-06	2.51E-06	3.48E-04	1.10E-07	3.20E-08	2.74E-02	8.65E-06	2.52E-06	4.02E-04	1.27E-07	3.69E-08	2.86E-02	9.04E-06	2.63E-06	1.86E-04	5.88E-08	1.71E-08
5484	489337.52, 3859140.71	2.86E-02	9.02E-06	2.62E-06	3.44E-04	1.09E-07	3.16E-08	2.86E-02	9.04E-06	2.63E-06	3.97E-04	1.25E-07	3.64E-08	2.99E-02	9.45E-06	2.75E-06	1.84E-04	5.82E-08	1.69E-08
5485	489375.14, 3859164.55	2.79E-02	8.81E-06	2.56E-06	3.39E-04	1.07E-07	3.11E-08	2.80E-02	8.82E-06	2.57E-06	3.91E-04	1.23E-07	3.59E-08	2.92E-02	9.23E-06	2.68E-06	1.82E-04	5.74E-08	1.67E-08
5486	489409.3, 3859114.5	2.65E-02	8.37E-06	2.43E-06	3.44E-04	1.09E-07	3.16E-08	2.66E-02	8.38E-06	2.44E-06	3.97E-04	1.25E-07	3.64E-08	2.78E-02	8.76E-06	2.55E-06	1.84E-04	5.81E-08	1.69E-08
5487	489434.87, 3859131.81	2.61E-02	8.25E-06	2.40E-06	3.41E-04	1.07E-07	3.13E-08	2.62E-02	8.27E-06	2.41E-06	3.93E-04	1.24E-07	3.60E-08	2.74E-02	8.64E-06	2.51E-06	1.82E-04	5.75E-08	1.67E-08
5488	489471.87, 3859075.75	2.46E-02	7.77E-06	2.26E-06	3.47E-04	1.09E-07	3.18E-08	2.47E-02	7.78E-06	2.26E-06	4.00E-04	1.26E-07	3.67E-08	2.57E-02	8.13E-06	2.36E-06	1.85E-04	5.85E-08	1.70E-08
5489	489602.62, 3859164.69	2.32E-02	7.33E-06	2.13E-06	3.28E-04	1.03E-07	3.01E-08	2.33E-02	7.35E-06	2.14E-06	3.78E-04	1.19E-07	3.47E-08	2.43E-02	7.67E-06	2.23E-06	1.76E-04	5.54E-08	1.61E-08
5490	489558.29, 3859232.45	2.44E-02	7.70E-06	2.24E-06	3.22E-04	1.02E-07	2.95E-08	2.44E-02	7.72E-06	2.24E-06	3.71E-04	1.17E-07	3.40E-08	2.55E-02	8.06E-06	2.34E-06	1.73E-04	5.45E-08	1.58E-08
5491	489620.11, 3859273.56	2.35E-02	7.41E-06	2.15E-06	3.13E-04	9.89E-08	2.88E-08	2.35E-02	7.42E-06	2.16E-06	3.61E-04	1.14E-07	3.32E-08	2.46E-02	7.75E-06	2.26E-06	1.68E-04	5.31E-08	1.54E-08
5492	489666.06, 3859206.42	2.25E-02	7.10E-06	2.07E-06	3.19E-04	1.01E-07	2.93E-08	2.25E-02	7.12E-06	2.07E-06	3.68E-04	1.16E-07	3.38E-08	2.35E-02	7.43E-06	2.16E-06	1.71E-04	5.40E-08	1.57E-08
5493	489787.9, 3859285.65	2.10E-02	6.62E-06	1.93E-06	3.04E-04	9.59E-08	2.79E-08	2.10E-02	6.64E-06	1.93E-06	3.50E-04	1.11E-07	3.22E-08	2.19E-02	6.93E-06	2.01E-06	1.63E-04	5.14E-08	1.50E-08
5494	489752.17, 3859343.13	2.15E-02	6.78E-06	1.97E-06	2.99E-04	9.43E-08	2.74E-08	2.15E-02	6.79E-06	1.98E-06	3.45E-04	1.09E-07	3.16E-08	2.25E-02	7.09E-06	2.06E-06	1.60E-04	5.06E-08	1.47E-08
5495	489814.94, 3859385.33	2.06E-02	6.50E-06	1.89E-06	2.91E-04	9.20E-08	2.68E-08	2.07E-02	6.52E-06	1.90E-06	3.36E-04	1.06E-07	3.08E-08	2.16E-02	6.80E-06	1.98E-06	1.56E-04	4.94E-08	1.44E-08
5496	489853.42, 3859330.74	2.02E-02	6.37E-06	1.85E-06	2.96E-04	9.34E-08	2.72E-08	2.02E-02	6.39E-06	1.86E-06	3.41E-04	1.08E-07	3.13E-08	2.11E-02	6.66E-06	1.94E-06	1.59E-04	5.00E-08	1.46E-08
5497	489969.5, 3859401.91	1.89E-02	5.95E-06	1.73E-06	2.83E-04	8.94E-08	2.60E-08	1.89E-02	5.97E-06	1.74E-06	3.26E-04	1.03E-07	3.00E-08	1.97E-02	6.22E-06	1.81E-06	1.52E-04	4.79E-08	1.39E-08
5498	490166.91, 3859486.96	1.71E-02	5.39E-06	1.57E-06	2.67E-04	8.42E-08	2.45E-08	1.71E-02	5.40E-06	1.57E-06	3.07E-04	9.70E-08	2.82E-08	1.79E-02	5.63E-06	1.64E-06	1.43E-04	4.51E-08	1.31E-08
5499	490128.86, 3859571.46	1.73E-02	5.47E-06	1.59E-06	2.59E-04	8.16E-08	2.37E-08	1.74E-02	5.48E-06	1.59E-06	2.98E-04	9.41E-08	2.74E-08	1.81E-02	5.72E-06	1.66E-06	1.39E-04	4.37E-08	1.27E-08
5500	490186.65, 3859593.65	1.69E-02	5.32E-06	1.55E-06	2.54E-04	8.03E-08	2.34E-08	1.69E-02	5.33E-06	1.55E-06	2.93E-04	9.26E-08	2.69E-08	1.76E-02	5.56E-06	1.62E-06	1.36E-04	4.30E-08	1.25E-08
5501	490223.74, 3859517.48	1.66E-02	5.24E-06	1.53E-06	2.62E-04	8.26E-08	2.40E-08	1.67E-02	5.26E-06	1.53E-06	3.02E-04	9.53E-08	2.77E-08	1.74E-02	5.48E-06	1.59E-06	1.40E-04	4.42E-08	1.29E-08
5502	490846.34, 3859817.22	1.25E-02	3.96E-06	1.15E-06	2.23E-04	7.02E-08	2.04E-08	1.26E-02	3.97E-06	1.16E-06	2.57E-04	8.11E-08	2.36E-08	1.31E-02	4.13E-06	1.20E-06	1.18E-04	3.74E-08	1.09E-08
5503	490925.65, 3859844.59	1.21E-02	3.82E-06	1.11E-06	2.20E-04	6.93E-08	2.02E-08	1.21E-02	3.83E-06	1.11E-06	2.53E-04	8.00E-08	2.33E-08	1.26E-02	3.99E-06	1.16E-06	1.17E-04	3.69E-08	1.07E-08
5504	491159.29, 3859896.28	1.12E-02	3.52E-06	1.02E-06	2.13E-04	6.72E-08	1.95E-08	1.12E-02	3.53E-06	1.03E-06	2.46E-04	7.76E-08	2.26E-08	1.16E-02	3.67E-06	1.07E-06	1.13E-04	3.57E-08	1.04E-08
5505	491370.69, 3859960.89	1.03E-02	3.26E-06	9.48E-07	2.05E-04	6.47E-08	1.88E-08	1.04E-02	3.27E-06	9.51E-07	2.37E-04	7.47E-08	2.17E-08	1.08E-02	3.40E-06	9.89E-07	1.09E-04	3.43E-08	9.98E-09
5506	491330.28, 3860063.17	1.02E-02	3.23E-06	9.39E-07	1.93E-04	6.09E-08	1.77E-08	1.03E-02	3.24E-06	9.42E-07	2.23E-04	7.03E-08	2.04E-08	1.07E-02	3.37E-06	9.80E-07	1.02E-04	3.23E-08	9.40E-09
5507	491636.45, 3860180.75	8.88E-03	2.80E-06	8.15E-07	1.83E-04	5.78E-08	1.68E-08	8.91E-03	2.81E-06	8.18E-07	2.12E-04	6.68E-08	1.94E-08	9.25E-03	2.92E-06	8.49E-07	9.70E-05	3.06E-08	8.91E-09
5508	491617.94, 3860203.93	8.85E-03	2.79E-06	8.13E-07	1.81E-04	5.71E-08	1.66E-08	8.88E-03	2.80E-06	8.16E-07	2.09E-04	6.59E-08	1.92E-08	9.23E-03	2.91E-06	8.47E-07	9.58E-05	3.02E-08	8.79E-09
5509	491805.68, 3860271.59	8.12E-03	2.56E-06	7.46E-07	1.76E-04	5.54E-08	1.61E-08	8.15E-03	2.57E-06	7.48E-07	2.03E-04	6.40E-08	1.86E-08	8.46E-03	2.67E-06	7.77E-07	9.29E-05	2.93E-08	8.53E-09
5510	491654.23, 3860414.02	7.96E-03	2.51E-06	7.30E-07	1.65E-04	5.19E-08	1.51E-08	7.98E-03	2.52E-06	7.33E-07	1.90E-04	6.00E-08	1.75E-08	8.29E-03	2.62E-06	7.61E-07	8.70E-05	2.75E-08	7.99E-09
5511	491592.62, 3860510.76	7.65E-03	2.42E-06	7.03E-07	1.58E-04	4.97E-08	1.45E-08	7.68E-03	2.42E-06	7.05E-07	1.82E-04	5.75E-08	1.67E-08	7.98E-03	2.52E-06	7.32E-07	8.33E-05	2.63E-08	7.64E-09
5512	491475.41, 3860368.93	8.55E-03	2.70E-06	7.85E-07	1.67E-04	5.26E-08	1.53E-08	8.58E-03	2.71E-06	7.88E-07	1.92E-04	6.07E-08	1.77E-08	8.92E-03	2.82E-06	8.19E-07	8.81E-05	2.78E-08	8.09E-09
5513	491445.61, 3860337.28	8.77E-03	2.77E-06	8.06E-07	1.69E-04	5.33E-08	1.55E-08	8.80E-03	2.78E-06	8.08E-07	1.95E-04	6.15E-08	1.79E-08	9.15E-03	2.89E-06	8.40E-07	8.93E-05	2.82E-08	8.20E-09
5514	491399.05, 3860300.37	9.08E-03	2.87E-06	8.34E-07	1.72E-04	5.42E-08	1.58E-08	9.11E-03	2.88E-06	8.37E-07	1.98E-04	6.26E-08	1.82E-08	9.48E-03	2.99E-06	8.70E-07	9.10E-05	2.87E-08	8.35E-09
5515	491228.84, 3860235.98	9.93E-03	3.13E-06	9.12E-07	1.78E-04	5.60E-08	1.63E-08	9.96E-03	3.14E-06	9.14E-07	2.05E-04	6.47E-08	1.88E-08	1.04E-02	3.27E-06	9.52E-07	9.41E-05	2.97E-08	8.64E-09
5516	491228.47, 3860174.57	1.02E-02	3.22E-06	9.37E-07	1.82E-04	5.76E-08	1.67E-08	1.02E-02	3.23E-06	9.39E-07	2.11E-04	6.65E-08	1.93E-08	1.07E-02	3.36E-06	9.78E-07	9.68E-05	3.05E-08	8.88E-09
5517	491145.77, 3860112.55	1.08E-02	3.40E-06	9.89E-07	1.89E-04	5.96E-08	1.73E-08	1.08E-02	3.41E-06	9.92E-07	2.18E-04	6.88E-08	2.00E-08	1.12E-02	3.55E-06	1.03E-06	1.00E-04	3.16E-08	9.19E-09
5518	490844.41, 3859966.22	1.25E-02	3.95E-06	1.15E-06	2.07E-04	6.52E-08	1.90E-08	1.25E-02	3.96E-06	1.15E-06	2.38E-04	7.52E-08	2.19E-08	1.31E-02	4.13E-06	1.20E-06	1.10E-04	3.47E-08	1.01E-08
5519	490845.55, 3859928.15	1.26E-02	3.96E-06	1.15E-06	2.10E-04	6.63E-08	1.93E-08	1.26E-02	3.98E-06	1.16E-06	2.42E-04	7.65E-08	2.23E-08	1.31E-02	4.14E-06	1.20E-06	1.12E-04	3.53E-08	1.03E-08
5520	490046.91, 3859625.6	1.79E-02	5.65E-06	1.64E-06	2.57E-04	8.12E-08	2.36E-08	1.79E-02	5.66E-06	1.65E-06	2.96E-04	9.35E-08	2.72E-08	1.87E-02	5.91E-06	1.72E-06	1.38E-04	4.35E-08	1.27E-08
5521	489970.48, 3859589.4	1.86E-02	5.86E-06	1.71E-06	2.64E-04	8.33E-08	2.42E-08	1.86E-02	5.88E-06	1.71E-06	3.04E-04	9.60E-08	2.79E-08	1.94E-02	6.13E-06	1.78E-06	1.42E-04	4.47E-08	1.30E-08
5522	489865.89, 3859529.06	1.97E-02	6.21E-06	1.81E-06	2.75E-04	8.68E-08	2.52E-08	1.97E-02	6.22E-06	1.81E-06	3.17E-04	1.00E-07	2.91E-08	2.06E-02	6.49E-06	1.89E-06	1.48E-04	4.66E-08	1.36E-08
5523	489826.89, 3859531.74	2.01E-02	6.33E-06	1.84E-06	2.77E-04	8.73E-08	2.54E-08	2.01E-02	6.34E-06	1.85E-06	3.19E-04	1.01E-07	2.93E-08	2.10E-02	6.62E-06	1.93E-06	1.49E-04	4.69E-08	1.37E-08
5524	489410.47, 3859303.06	2.77E-02	8.76E-06	2.55E-06	3.20E-04	1.01E-07	2.93E-08	2.78E-02	8.77E-06	2.55E-06	3.68E-04	1.16E-07	3.38E-08	2.91E-02	9.18E-06	2.67E-06	1.72E-04	5.43E-08	1.58E-08
5525	489407.15, 3859286.09	2.78E-02	8.78E-06	2.55E-06	3.22E-04	1.02E-07	2.96E-08	2.79E-02	8.80E-06	2.56E-06	3.71E-04	1.17E-07	3.41E-08	2.91E-02	9.20E-06	2.68E-06	1.73E-04	5.47E-08	1.59E-08
5526	488806.07, 3858963.62	4.74E-02	1.49E-05	4.35E-06	3.87E-04	1.22E-07	3.55E-08	4.74E-02	1.50E-05	4.35E-06	4.46E-04	1.41E-07	4.10E-08	4.98E-02	1.57E-05	4.57E-06	2.06E-04	6.51E-08	1.89E-08
5527	488817.64, 3859546.3	5.54E-02	1.75E-05	5.08E-06	2.81E-04	8.88E-08	2.58E-08	5.54E-02	1.75E-05	5.09E-06	3.22E-04	1.02E-07	2.95E-08	5.82E-02	1.84E-05	5.35E-06	1.58E-04	5.00E-08	1.45E-08
5528	489187.25, 3859549.52	3.08E-02	9.73E-06	2.83E-06	2.82E-04	8.89E-08	2.59E-08	3.09E-02	9.74E-06	2.83E-06	3.23E-04	1.02E-07	2.97E-08	3.23E-02	1.02E-05	2.97E-06	1.55E-04	4.89E-08	1.42E-08
5529	489187.66, 3859523.74	3.15E-02	9.94E-06	2.89E-06	2.86E-04	9.02E-08	2.62E-08	3.16E-02	9.96E-06	2.90E-06	3.28E-04	1.04E-07	3.01E-08	3.31E-02	1.04E-05	3.04E-06	1.57E-04	4.95E-08	1.44E-08
5530	489232.59, 3859522.85	3.01E-02	9.51E-06	2.77E-06	2.87E-04	9.05E-08	2.63E-08	3.02E-02	9.53E-06	2.77E-06	3.30E-04	1.04E-07	3.03E-08	3.16E-02	9.98E-06	2.90E-06	1.57E-04	4.96E-08	1.44E-08
5531	489224.98, 3859759.91	2.64E-02	8.33E-06	2.42E-06	2.50E-04	7.89E-08	2.30E-08	2.64E-02	8.34E-06	2.43E-06	2.87E-04	9.06E-08	2.63E-08	2.77E-02	8.74E-06	2.54E-06	1.38E-04	4.36E-08	1.27E-08
5532	488401.39, 3859763.34	7.35E-02	2.32E-05	6.75E-06	2.68E-04	8.46E-08	2.46E-08	7.35E-02	2.32E-05	6.75E-06	3.03E-04	9.55E-08	2.78E-08	7.73E-02	2.44E-05	7.10E-06	1.62E-04	5.13E-08	1.49E-08
5533	488405.51, 3859966.16	7.39E-02	2.33E-05	6.78E-06	2.12E-04	6.70E-08	1.95E-08	7.39E-02	2.33E-05	6.78E-06	2.43E-04	7.68E-08	2.23E-08	7.78E-02	2.46E-05	7.15E-06	1.17E-04	3.70E-08	1.08E-08
5534	489202.85, 3859956.57	2.82E-02	8.90E-06	2.59E-06	2.25E-04	7.10E-08	2.06E-08	2.82E-02	8.91E-06	2.59E-06	2.58E-04	8.14E-08	2.37E-08	2.96E-02	9.35E-06	2.72E-06	1.24E-04	3.92E-08	1.14E-08
5535	489191.9, 3860676.74	1.98E-02	6.25E-06	1.82E-06	1.54E-04	4.86E-08	1.41E-08	1.98E-02	6.26E-06	1.82E-06	1.78E-04	5.61E-08	1.63E-08	2.08E-02	6.57E-06	1.91E-06	8.18E-05	2.58E-08	7.51E-09
5536	488392.82, 3860687.88	1.92E-02	6.06E-06	1.76E-06	1.46E-04	4.61E-08	1.34E-08	1.92E-02	6.07E-06	1.76E-06	1.69E-04	5.32E-08	1.55E-08	2.02E-02	6.37E-06	1.85E-06	7.76E-05	2.45E-08	7.13E-09
5537	488392.82, 3860760.27	1.42E-02	4.48E-06	1.30E-06	1.42E-04	4.49E-08	1.30E-08	1.42E-02	4.49E-06	1.31E-06	1.64E-04	5.18E-08	1.51E-08	1.49E-02	4.70E-06	1.37E-06	7.53E-05	2.38E-08	6.92E-09
5538	487549.05, 3860777.45	8.07E-03	2.55E-06	7.41E-07	1.36E-04	4.29E-08	1.25E-08	8.10E-03	2.56E-06	7.43E-07	1.57E-04	4.95E-08	1.44E-08	8.44E-03	2.66E-06	7.75E-07	7.16E-05	2.26E-08	6.57E-09
5539	487554.62, 3859571.83	3.22E-02	1.02E-05	2.95E-06	2.35E-04	7.42E-08	2.16E-08	3.22E-02	1.02E-05	2.96E-06	2.71E-04	8.56E-08	2.49E-08	3.38E-02	1.07E-05	3.10E-06	1.25E-04	3.95E-08	1.15E-08
5540	485949.46, 3859558.54	7.69E-03	2.43E-06	7.06E-07	2.29E-04	7.23E-08	2.10E-08	7.73E-03	2.44E-06	7.10E-07	2.65E-04	8.36E-08	2.43E-08	7.98E-03	2.52E-06	7.32E-07	1.20E-04	3.80E-08	1.10E-08

5541 485947.55, 3857943.61	1.77E-02	5.57E-06	1.62E-06	7.16E-04	2.26E-07	6.58E-08	1.78E-02	5.61E-06	1.63E-06	8.29E-04	2.62E-07	7.61E-08	1.82E-02	5.74E-06	1.67E-06	3.74E-04	1.18E-07	3.43E-08
5542 484738.38, 3857940.21	8.35E-03	2.63E-06	7.66E-07	5.44E-04	1.72E-07	5.00E-08	8.44E-03	2.66E-06	7.75E-07	6.30E-04	1.99E-07	5.79E-08	8.47E-03	2.67E-06	7.78E-07	2.84E-04	8.97E-08	2.61E-08
5543 484737.06, 3857535.68	1.50E-02	4.73E-06	1.38E-06	7.01E-04	2.21E-07	6.43E-08	1.51E-02	4.77E-06	1.39E-06	8.11E-04	2.56E-07	7.45E-08	1.54E-02	4.86E-06	1.41E-06	3.65E-04	1.15E-07	3.35E-08
5544 483730.2, 3857530.13	8.03E-03	2.54E-06	7.37E-07	4.90E-04	1.55E-07	4.50E-08	8.12E-03	2.56E-06	7.45E-07	5.67E-04	1.79E-07	5.20E-08	8.17E-03	2.58E-06	7.50E-07	2.56E-04	8.07E-08	2.35E-08
5545 483727.27, 3857130.01	1.48E-02	4.66E-06	1.36E-06	5.78E-04	1.82E-07	5.30E-08	1.49E-02	4.69E-06	1.36E-06	6.69E-04	2.11E-07	6.14E-08	1.52E-02	4.80E-06	1.40E-06	3.02E-04	9.52E-08	2.77E-08
5546 483124.42, 3857123.45	7.52E-03	2.37E-06	6.90E-07	4.44E-04	1.40E-07	4.07E-08	7.60E-03	2.40E-06	6.97E-07	5.14E-04	1.62E-07	4.72E-08	7.66E-03	2.42E-06	7.03E-07	2.32E-04	7.31E-08	2.13E-08
5547 483111.13, 3855921.03	1.54E-02	4.87E-06	1.42E-06	6.00E-04	1.89E-07	5.51E-08	1.55E-02	4.91E-06	1.43E-06	6.94E-04	2.19E-07	6.37E-08	1.59E-02	5.03E-06	1.46E-06	3.14E-04	9.91E-08	2.88E-08
5548 482701.73, 3855918.24	8.05E-03	2.54E-06	7.39E-07	4.70E-04	1.48E-07	4.31E-08	8.13E-03	2.56E-06	7.46E-07	5.44E-04	1.72E-07	4.99E-08	8.20E-03	2.59E-06	7.53E-07	2.46E-04	7.75E-08	2.25E-08
5549 482668.02, 3853521.78	1.05E-03	3.33E-07	9.68E-08	1.76E-04	5.54E-08	1.61E-08	1.08E-03	3.42E-07	9.96E-08	2.03E-04	6.42E-08	1.87E-08	1.00E-03	3.17E-07	9.21E-08	9.17E-05	2.90E-08	8.42E-09
5550 482579.91, 3853219.19	9.26E-04	2.92E-07	8.50E-08	1.68E-04	5.32E-08	1.55E-08	9.54E-04	3.01E-07	8.76E-08	1.95E-04	6.16E-08	1.79E-08	8.72E-04	2.75E-07	8.00E-08	8.80E-05	2.78E-08	8.07E-09
5551 482434.06, 3852961.94	8.29E-04	2.62E-07	7.61E-08	1.61E-04	5.09E-08	1.48E-08	8.56E-04	2.70E-07	7.86E-08	1.87E-04	5.89E-08	1.71E-08	7.74E-04	2.44E-07	7.11E-08	8.42E-05	2.66E-08	7.73E-09
5552 482332.11, 3852832.85	7.85E-04	2.48E-07	7.21E-08	1.54E-04	4.86E-08	1.41E-08	8.11E-04	2.56E-07	7.45E-08	1.78E-04	5.62E-08	1.64E-08	7.33E-04	2.31E-07	6.73E-08	8.04E-05	2.54E-08	7.38E-09
5553 481334.99, 3851818.96	5.67E-04	1.79E-07	5.20E-08	1.02E-04	3.23E-08	9.40E-09	5.84E-04	1.84E-07	5.37E-08	1.19E-04	3.74E-08	1.09E-08	5.34E-04	1.69E-07	4.90E-08	5.35E-05	1.69E-08	4.91E-09
5554 481127.62, 3851646.36	5.44E-04	1.72E-07	4.99E-08	9.45E-05	2.98E-08	8.68E-09	5.60E-04	1.77E-07	5.14E-08	1.09E-04	3.45E-08	1.00E-08	5.15E-04	1.63E-07	4.73E-08	4.94E-05	1.56E-08	4.53E-09
5555 481025.04, 3851591.73	5.35E-04	1.69E-07	4.92E-08	9.03E-05	2.85E-08	8.29E-09	5.51E-04	1.74E-07	5.06E-08	1.05E-04	3.30E-08	9.59E-09	5.09E-04	1.61E-07	4.67E-08	4.72E-05	1.49E-08	4.33E-09
5556 480513.6, 3851335.76	4.87E-04	1.54E-07	4.47E-08	7.11E-05	2.25E-08	6.53E-09	5.00E-04	1.58E-07	4.59E-08	8.23E-05	2.60E-08	7.56E-09	4.70E-04	1.48E-07	4.31E-08	3.72E-05	1.17E-08	3.42E-09
5557 480523.56, 3851317.66	4.85E-04	1.53E-07	4.46E-08	7.20E-05	2.27E-08	6.61E-09	4.98E-04	1.57E-07	4.57E-08	8.33E-05	2.63E-08	7.65E-09	4.67E-04	1.47E-07	4.29E-08	3.77E-05	1.19E-08	3.46E-09
5558 476921.56, 3849569.11	2.86E-04	9.03E-08	2.63E-08	3.58E-05	1.13E-08	3.29E-09	2.92E-04	9.23E-08	2.68E-08	4.14E-05	1.31E-08	3.80E-09	2.79E-04	8.81E-08	2.56E-08	1.88E-05	5.93E-09	1.72E-09
5559 476521.19, 3849373.96	2.52E-04	7.94E-08	2.31E-08	3.41E-05	1.08E-08	3.13E-09	2.57E-04	8.13E-08	2.36E-08	3.94E-05	1.24E-08	3.62E-09	2.44E-04	7.70E-08	2.24E-08	1.79E-05	5.65E-09	1.64E-09
5560 476391.45, 3849333.38	2.44E-04	7.69E-08	2.24E-08	3.38E-05	1.07E-08	3.10E-09	2.49E-04	7.87E-08	2.29E-08	3.91E-05	1.23E-08	3.59E-09	2.36E-04	7.44E-08	2.16E-08	1.77E-05	5.60E-09	1.63E-09
5561 476219.41, 3849304.29	2.33E-04	7.36E-08	2.14E-08	3.36E-05	1.06E-08	3.09E-09	2.39E-04	7.54E-08	2.19E-08	3.89E-05	1.23E-08	3.57E-09	2.25E-04	7.09E-08	2.06E-08	1.76E-05	5.57E-09	1.62E-09
5562 475679.11, 3849218.47	2.06E-04	6.49E-08	1.89E-08	3.27E-05	1.03E-08	3.00E-09	2.11E-04	6.67E-08	1.94E-08	3.78E-05	1.19E-08	3.47E-09	1.96E-04	6.19E-08	1.80E-08	1.72E-05	5.42E-09	1.58E-09
5563 475677.71, 3849233.88	2.07E-04	6.53E-08	1.90E-08	3.29E-05	1.04E-08	3.02E-09	2.12E-04	6.71E-08	1.95E-08	3.81E-05	1.20E-08	3.49E-09	1.97E-04	6.23E-08	1.81E-08	1.73E-05	5.45E-09	1.59E-09
5564 475492.74, 3849204.66	1.78E-04	5.62E-08	1.64E-08	3.07E-05	9.68E-09	2.82E-09	1.83E-04	5.79E-08	1.68E-08	3.55E-05	1.12E-08	3.26E-09	1.68E-04	5.32E-08	1.55E-08	1.61E-05	5.08E-09	1.48E-09
5565 475497.64, 3849158.75	1.86E-04	5.86E-08	1.70E-08	3.12E-05	9.84E-09	2.86E-09	1.91E-04	6.03E-08	1.75E-08	3.61E-05	1.14E-08	3.31E-09	1.76E-04	5.55E-08	1.62E-08	1.64E-05	5.17E-09	1.50E-09
5566 475391.35, 3849141.94	1.93E-04	6.10E-08	1.78E-08	3.18E-05	1.00E-08	2.92E-09	1.99E-04	6.28E-08	1.83E-08	3.68E-05	1.16E-08	3.38E-09	1.84E-04	5.80E-08	1.69E-08	1.67E-05	5.27E-09	1.53E-09
5567 475277, 3849095.47	1.94E-04	6.13E-08	1.78E-08	3.17E-05	9.99E-09	2.91E-09	2.00E-04	6.30E-08	1.83E-08	3.66E-05	1.16E-08	3.36E-09	1.85E-04	5.84E-08	1.70E-08	1.66E-05	5.25E-09	1.53E-09
5568 475183.93, 3849025.66	1.91E-04	6.03E-08	1.76E-08	3.11E-05	9.80E-09	2.85E-09	1.96E-04	6.20E-08	1.80E-08	3.59E-05	1.13E-08	3.30E-09	1.82E-04	5.74E-08	1.67E-08	1.63E-05	5.15E-09	1.50E-09
5569 474453.23, 3848378.77	1.70E-04	5.35E-08	1.56E-08	2.68E-05	8.47E-09	2.46E-09	1.74E-04	5.50E-08	1.60E-08	3.10E-05	9.80E-09	2.85E-09	1.62E-04	5.11E-08	1.49E-08	1.41E-05	4.45E-09	1.30E-09
5570 474569.63, 3848399.34	1.67E-04	5.28E-08	1.54E-08	2.67E-05	8.44E-09	2.45E-09	1.72E-04	5.43E-08	1.58E-08	3.09E-05	9.76E-09	2.84E-09	1.60E-04	5.04E-08	1.46E-08	1.41E-05	4.44E-09	1.29E-09
5571 474644.33, 3848464.52	1.70E-04	5.37E-08	1.56E-08	2.72E-05	8.58E-09	2.50E-09	1.75E-04	5.52E-08	1.60E-08	3.14E-05	9.92E-09	2.89E-09	1.62E-04	5.12E-08	1.49E-08	1.43E-05	4.51E-09	1.31E-09
5572 474719.04, 3848529.7	1.72E-04	5.43E-08	1.58E-08	2.76E-05	8.71E-09	2.53E-09	1.77E-04	5.58E-08	1.62E-08	3.19E-05	1.01E-08	2.93E-09	1.64E-04	5.18E-08	1.51E-08	1.45E-05	4.58E-09	1.33E-09
5573 474793.74, 3848594.88	1.73E-04	5.46E-08	1.59E-08	2.78E-05	8.79E-09	2.56E-09	1.78E-04	5.61E-08	1.63E-08	3.22E-05	1.02E-08	2.96E-09	1.65E-04	5.20E-08	1.51E-08	1.46E-05	4.62E-09	1.34E-09
5574 474868.45, 3848660.07	1.72E-04	5.43E-08	1.58E-08	2.80E-05	8.85E-09	2.57E-09	1.77E-04	5.58E-08	1.62E-08	3.24E-05	1.02E-08	2.98E-09	1.64E-04	5.16E-08	1.50E-08	1.47E-05	4.65E-09	1.35E-09
5575 474943.15, 3848725.25	1.73E-04	5.45E-08	1.59E-08	2.83E-05	8.94E-09	2.60E-09	1.78E-04	5.60E-08	1.63E-08	3.28E-05	1.03E-08	3.01E-09	1.64E-04	5.18E-08	1.51E-08	1.49E-05	4.70E-09	1.37E-09
5576 475017.86, 3848790.43	1.76E-04	5.56E-08	1.62E-08	2.88E-05	9.10E-09	2.65E-09	1.81E-04	5.71E-08	1.66E-08	3.34E-05	1.05E-08	3.06E-09	1.67E-04	5.28E-08	1.54E-08	1.52E-05	4.78E-09	1.39E-09
5577 475092.56, 3848855.61	1.80E-04	5.69E-08	1.65E-08	2.94E-05	9.29E-09	2.70E-09	1.85E-04	5.84E-08	1.70E-08	3.40E-05	1.07E-08	3.13E-09	1.71E-04	5.41E-08	1.57E-08	1.55E-05	4.88E-09	1.42E-09
5578 475232.58, 3848959.38	1.85E-04	5.85E-08	1.70E-08	3.03E-05	9.56E-09	2.78E-09	1.91E-04	6.02E-08	1.75E-08	3.50E-05	1.11E-08	3.22E-09	1.76E-04	5.57E-08	1.62E-08	1.59E-05	5.02E-09	1.46E-09
5579 475368.47, 3849029.98	1.87E-04	5.90E-08	1.72E-08	3.07E-05	9.68E-09	2.81E-09	1.92E-04	6.06E-08	1.76E-08	3.55E-05	1.12E-08	3.25E-09	1.78E-04	5.61E-08	1.63E-08	1.61E-05	5.08E-09	1.48E-09
5580 475609.57, 3849096.09	1.88E-04	5.93E-08	1.73E-08	3.09E-05	9.75E-09	2.84E-09	1.93E-04	6.10E-08	1.77E-08	3.57E-05	1.13E-08	3.28E-09	1.79E-04	5.64E-08	1.64E-08	1.62E-05	5.12E-09	1.49E-09
5581 475680.68, 3849116.62	1.95E-04	6.14E-08	1.79E-08	3.14E-05	9.91E-09	2.88E-09	2.00E-04	6.31E-08	1.83E-08	3.63E-05	1.15E-08	3.33E-09	1.85E-04	5.85E-08	1.70E-08	1.65E-05	5.20E-09	1.51E-09
5582 475843.76, 3849151.52	2.04E-04	6.44E-08	1.87E-08	3.19E-05	1.01E-08	2.93E-09	2.10E-04	6.61E-08	1.92E-08	3.69E-05	1.16E-08	3.39E-09	1.95E-04	6.16E-08	1.79E-08	1.68E-05	5.29E-09	1.54E-09
5583 475935.73, 3849165.89	2.14E-04	6.74E-08	1.96E-08	3.23E-05	1.02E-08	2.97E-09	2.19E-04	6.91E-08	2.01E-08	3.74E-05	1.18E-08	3.43E-09	2.05E-04	6.46E-08	1.88E-08	1.70E-05	5.36E-09	1.56E-09
5584 476027.71, 3849180.27	2.22E-04	7.02E-08	2.04E-08	3.26E-05	1.03E-08	2.99E-09	2.28E-04	7.19E-08	2.09E-08	3.77E-05	1.19E-08	3.46E-09	2.14E-04	6.75E-08	1.96E-08	1.71E-05	5.40E-09	1.57E-09
5585 476119.68, 3849194.64	2.21E-04	6.99E-08	2.03E-08	3.25E-05	1.02E-08	2.98E-09	2.27E-04	7.16E-08	2.08E-08	3.75E-05	1.19E-08	3.45E-09	2.13E-04	6.72E-08	1.95E-08	1.70E-05	5.38E-09	1.56E-09
5586 476211.65, 3849209.01	2.25E-04	7.10E-08	2.07E-08	3.25E-05	1.03E-08	2.99E-09	2.31E-04	7.28E-08	2.12E-08	3.76E-05	1.19E-08	3.46E-09	2.17E-04	6.84E-08	1.99E-08	1.71E-05	5.39E-09	1.57E-09
5587 476497.81, 3849283.9	2.44E-04	7.70E-08	2.24E-08	3.31E-05	1.04E-08	3.04E-09	2.49E-04	7.87E-08	2.29E-08	3.83E-05	1.21E-08	3.51E-09	2.36E-04	7.46E-08	2.17E-08	1.74E-05	5.48E-09	1.60E-09
5588 476603.73, 3849323.77	2.53E-04	8.00E-08	2.33E-08	3.34E-05	1.06E-08	3.07E-09	2.59E-04	8.18E-08	2.38E-08	3.87E-05	1.22E-08	3.55E-09	2.46E-04	7.77E-08	2.26E-08	1.75E-05	5.54E-09	1.61E-09
5589 476728.99, 3849382.76	2.63E-04	8.32E-08	2.42E-08	3.39E-05	1.07E-08	3.11E-09	2.69E-04	8.50E-08	2.47E-08	3.92E-05	1.24E-08	3.60E-09	2.56E-04	8.09E-08	2.35E-08	1.78E-05	5.62E-09	1.63E-09
5590 476801.27, 3849418.65	2.70E-04	8.52E-08	2.48E-08	3.42E-05	1.08E-08	3.14E-09	2.76E-04	8.70E-08	2.53E-08	3.96E-05	1.25E-08	3.63E-09	2.63E-04	8.30E-08	2.41E-08	1.80E-05	5.67E-09	1.65E-09
5591 476956.2, 3849495.05	2.84E-04	8.96E-08	2.61E-08	3.49E-05	1.10E-08	3.20E-09	2.90E-04	9.15E-08	2.66E-08	4.03E-05	1.27E-08	3.70E-09	2.78E-04	8.76E-08	2.55E-08	1.83E-05	5.78E-09	1.68E-09
5592 477038.84, 3849535.56	2.88E-04	9.10E-08	2.65E-08	3.51E-05	1.11E-08	3.23E-09	2.94E-04	9.29E-08	2.70E-08	4.06E-05	1.28E-08	3.73E-09	2.82E-04	8.90E-08	2.59E-08	1.84E-05	5.82E-09	1.69E-09
5593 477121.49, 3849576.08	2.95E-04	9.32E-08	2.71E-08	3.55E-05	1.12E-08	3.26E-09	3.01E-04	9.51E-08	2.77E-08	4.10E-05	1.29E-08	3.77E-09	2.89E-04	9.12E-08	2.65E-08	1.86E-05	5.87E-09	1.71E-09
5594 477204.13, 3849616.6	2.99E-04	9.44E-08	2.75E-08	3.58E-05	1.13E-08	3.28E-09	3.05E-04	9.64E-08	2.80E-08	4.14E-05	1.31E-08	3.80E-09	2.93E-04	9.25E-08	2.69E-08	1.88E-05	5.92E-09	1.72E-09
5595 477286.78, 3849657.12	2.96E-04	9.33E-08	2.71E-08	3.59E-05	1.13E-08	3.29E-09	3.02E-04	9.52E-08	2.77E-08	4.15E-05	1.31E-08	3.81E-09	2.89E-04	9.13E-08	2.65E-08	1.88E-05	5.94E-09	1.73E-09
5596 477369.42, 3849697.63	3.12E-04	9.84E-08	2.86E-08	3.64E-05	1.15E-08	3.34E-09	3.18E-04	1.00E-07	2.92E-08	4.21E-05	1.33E-08	3.86E-09	3.06E-04	9.66E-08	2.81E-08	1.91E-05	6.03E-09	1.75E-09
5597 477452.07, 3849738.15	3.16E-04	9.99E-08	2.90E-08	3.66E-05	1.16E-08	3.36E-09	3.23E-04	1.02E-07	2.96E-08	4.24E-05	1.34E-08	3.89E-09	3.11E-04	9.80E-08	2.85E-08	1.92E-05	6.07E-09	1.77E-09
5598 477534.71, 3849778.67	3.29E-04	1.04E-07	3.02E-08	3.71E-05	1.17E-08	3.40E-09	3.35E-04	1.06E-07	3.08E-08	4.29E-05	1.35E-08	3.93E-09	3.24E-04	1.02E-07	2.97E-08	1.94E-05	6.14E-09	1.78E-09
5599 477617.36, 3849819.18	3.33E-04	1.05E-07	3.06E-08	3.73E-05	1.18E-08	3.43E-09	3.40E-04	1.07E-07	3.12E-08	4.32E-05	1.36E-08	3.96E-09	3.28E-04	1.03E-07	3.01E-08	1.96E-05	6.18E-09	1.80E-09
5600 477824.74, 3849896.37	3.47E-04	1.10E-07	3.19E-08	3.78E-05	1.19E-08	3.47E-09	3.54E-04	1.12E-07	3.25E-08	4.37E-05	1.38E-08	4.01E-09	3.42E-04	1.08E-07	3.14E-08	1.98E-05	6.25E-09	1.82E-09
5601 477906.31, 3849936.37	3.40E-04	1.07E-07	3.13E-08	3.78E-05	1.19E-08	3.47E-09	3.47E-04	1.09E-07	3.18E-08	4.38E-05	1.38E-08	4.02E-09	3.35E-04	1.06E-07	3.08E-08	1.99E-05	6.27E-09	1.82E-09
5602 477987.89, 3849976.36	3.48E-04	1.10E-07	3.20E-08	3.82E-05	1.21E-08	3.51E-09	3.55E-04	1.12E-07	3.26E-08	4.42E-05	1.39E-08	4.06E-09	3.43E-04	1.08E-07	3.15E-08	2.00E-05	6.33E-09	1.84E-09
5603 478069.47, 3850016.36	3.44E-04	1.09E-07	3.16E-08	3.83E-05	1.21E-08	3.52E-09	3.51E-04	1.11E-07	3.22E-08	4.43E-05	1.40E-08	4.07E-09	3.39E-04	1.07E-07	3.11E-08	2.01E-05	6.35E-09	1.85E-09
5604 478151.04, 3850056.35	3.40E-04	1.07E-07	3.12E-08	3.84E-05	1.21E-08	3.53E-09	3.47E-04	1.09E-07	3.18E-08	4.45E-05	1.40E-08	4.08E-09	3.35E-04	1.06E-07	3.07E-08	2.02E-05	6.37E-09	1.85E-09
5605 478232.62, 3850096.35	3.44E-04	1.09E-07	3.16E-08	3.87E-05	1.22E-08	3.55E-09	3.51E-04	1.11E-07	3.22E-08	4.48E-05	1.41E-08	4.11E-09	3.38E-04	1.07E-07	3.11E-08	2.03E-05	6.41E-09	1.86E-09
5606 478314.2, 3850136.34	3.48E-04	1.10E-07	3.20E-08	3.90E-05	1.23E-08	3.58E-09	3.55E-04	1.12E-07	3.26E-08	4.51E-05	1.42E-08	4.14E-09	3.43E-04	1.08E-07	3.15E-08	2.05E-05	6.46E-09	1.88E-09

5607 478395.77, 3850176.34	3.53E-04	1.11E-07	3.24E-08	3.94E-05	1.24E-08	3.62E-09	3.59E-04	1.13E-07	3.30E-08	4.56E-05	1.44E-08	4.18E-09	3.47E-04	1.10E-07	3.19E-08	2.07E-05	6.52E-09	1.90E-09
5608 478575.43, 3850244.45	3.60E-04	1.14E-07	3.31E-08	4.00E-05	1.26E-08	3.67E-09	3.67E-04	1.16E-07	3.37E-08	4.62E-05	1.46E-08	4.24E-09	3.55E-04	1.12E-07	3.26E-08	2.10E-05	6.62E-09	1.92E-09
5609 478665.06, 3850287.29	3.65E-04	1.15E-07	3.35E-08	4.04E-05	1.28E-08	3.71E-09	3.72E-04	1.17E-07	3.41E-08	4.68E-05	1.48E-08	4.29E-09	3.59E-04	1.13E-07	3.30E-08	2.12E-05	6.70E-09	1.95E-09
5610 478754.69, 3850330.14	3.70E-04	1.17E-07	3.39E-08	4.11E-05	1.30E-08	3.77E-09	3.77E-04	1.19E-07	3.46E-08	4.75E-05	1.50E-08	4.36E-09	3.64E-04	1.15E-07	3.34E-08	2.15E-05	6.80E-09	1.98E-09
5611 478844.32, 3850372.99	3.76E-04	1.19E-07	3.46E-08	4.18E-05	1.32E-08	3.84E-09	3.84E-04	1.21E-07	3.52E-08	4.84E-05	1.53E-08	4.44E-09	3.71E-04	1.17E-07	3.40E-08	2.19E-05	6.92E-09	2.01E-09
5612 478933.95, 3850415.84	3.85E-04	1.22E-07	3.53E-08	4.35E-05	1.37E-08	4.00E-09	3.92E-04	1.24E-07	3.60E-08	5.04E-05	1.59E-08	4.62E-09	3.79E-04	1.20E-07	3.48E-08	2.28E-05	7.21E-09	2.10E-09
5613 479023.58, 3850458.68	3.85E-04	1.21E-07	3.53E-08	4.34E-05	1.37E-08	3.99E-09	3.92E-04	1.24E-07	3.60E-08	5.02E-05	1.59E-08	4.61E-09	3.78E-04	1.19E-07	3.47E-08	2.28E-05	7.19E-09	2.09E-09
5614 479110.66, 3850441.91	3.86E-04	1.22E-07	3.54E-08	4.49E-05	1.42E-08	4.12E-09	3.94E-04	1.24E-07	3.61E-08	5.19E-05	1.64E-08	4.77E-09	3.79E-04	1.20E-07	3.48E-08	2.35E-05	7.43E-09	2.16E-09
5615 479191.22, 3850423.99	3.83E-04	1.21E-07	3.52E-08	4.59E-05	1.45E-08	4.22E-09	3.91E-04	1.23E-07	3.59E-08	5.31E-05	1.68E-08	4.88E-09	3.75E-04	1.18E-07	3.45E-08	2.41E-05	7.60E-09	2.21E-09
5616 479274.32, 3850465.71	3.86E-04	1.22E-07	3.55E-08	4.70E-05	1.48E-08	4.32E-09	3.94E-04	1.24E-07	3.62E-08	5.44E-05	1.72E-08	4.99E-09	3.78E-04	1.19E-07	3.47E-08	2.47E-05	7.78E-09	2.26E-09
5617 479357.43, 3850507.42	3.85E-04	1.22E-07	3.53E-08	4.83E-05	1.52E-08	4.43E-09	3.93E-04	1.24E-07	3.61E-08	5.58E-05	1.76E-08	5.12E-09	3.76E-04	1.19E-07	3.45E-08	2.53E-05	7.98E-09	2.32E-09
5618 479440.53, 3850549.14	3.81E-04	1.20E-07	3.50E-08	4.84E-05	1.53E-08	4.44E-09	3.89E-04	1.23E-07	3.57E-08	5.59E-05	1.77E-08	5.14E-09	3.72E-04	1.17E-07	3.41E-08	2.53E-05	8.00E-09	2.33E-09
5619 479523.64, 3850590.85	3.80E-04	1.20E-07	3.49E-08	4.96E-05	1.57E-08	4.56E-09	3.89E-04	1.23E-07	3.57E-08	5.74E-05	1.81E-08	5.27E-09	3.70E-04	1.17E-07	3.40E-08	2.60E-05	8.21E-09	2.39E-09
5620 479606.74, 3850632.57	3.83E-04	1.21E-07	3.51E-08	5.12E-05	1.62E-08	4.70E-09	3.91E-04	1.24E-07	3.59E-08	5.93E-05	1.87E-08	5.44E-09	3.72E-04	1.17E-07	3.41E-08	2.68E-05	8.47E-09	2.46E-09
5621 479777.37, 3850707.61	3.85E-04	1.22E-07	3.54E-08	5.51E-05	1.74E-08	5.06E-09	3.95E-04	1.25E-07	3.62E-08	6.38E-05	2.01E-08	5.86E-09	3.72E-04	1.17E-07	3.41E-08	2.89E-05	9.11E-09	2.65E-09
5622 479864.9, 3850740.95	3.90E-04	1.23E-07	3.58E-08	5.77E-05	1.82E-08	5.30E-09	3.99E-04	1.26E-07	3.67E-08	6.68E-05	2.11E-08	6.13E-09	3.75E-04	1.18E-07	3.44E-08	3.02E-05	9.54E-09	2.77E-09
5623 479931.87, 3850829.57	4.01E-04	1.27E-07	3.69E-08	5.85E-05	1.85E-08	5.37E-09	4.11E-04	1.30E-07	3.78E-08	6.76E-05	2.13E-08	6.21E-09	3.87E-04	1.22E-07	3.55E-08	3.06E-05	9.66E-09	2.81E-09
5624 479995.55, 3850926.75	4.21E-04	1.33E-07	3.87E-08	5.96E-05	1.88E-08	5.48E-09	4.31E-04	1.36E-07	3.96E-08	6.90E-05	2.18E-08	6.34E-09	4.07E-04	1.28E-07	3.74E-08	3.12E-05	9.85E-09	2.87E-09
5625 480079.78, 3850968.64	4.30E-04	1.36E-07	3.95E-08	6.18E-05	1.95E-08	5.67E-09	4.41E-04	1.39E-07	4.05E-08	7.15E-05	2.26E-08	6.57E-09	4.15E-04	1.31E-07	3.81E-08	3.23E-05	1.02E-08	2.97E-09
5626 480164.01, 3851010.54	4.39E-04	1.38E-07	4.03E-08	6.41E-05	2.02E-08	5.88E-09	4.50E-04	1.42E-07	4.13E-08	7.42E-05	2.34E-08	6.81E-09	4.23E-04	1.33E-07	3.88E-08	3.35E-05	1.06E-08	3.08E-09
5627 480248.23, 3851052.43	4.47E-04	1.41E-07	4.11E-08	6.65E-05	2.10E-08	6.10E-09	4.59E-04	1.45E-07	4.21E-08	7.69E-05	2.43E-08	7.06E-09	4.30E-04	1.36E-07	3.95E-08	3.48E-05	1.10E-08	3.19E-09
5628 480332.46, 3851094.33	4.54E-04	1.43E-07	4.16E-08	6.90E-05	2.18E-08	6.33E-09	4.65E-04	1.47E-07	4.27E-08	7.98E-05	2.52E-08	7.33E-09	4.35E-04	1.37E-07	4.00E-08	3.61E-05	1.14E-08	3.31E-09
5629 480416.69, 3851136.22	4.57E-04	1.44E-07	4.20E-08	7.17E-05	2.26E-08	6.58E-09	4.69E-04	1.48E-07	4.31E-08	8.29E-05	2.62E-08	7.62E-09	4.37E-04	1.38E-07	4.02E-08	3.75E-05	1.18E-08	3.44E-09
5630 480579.95, 3851215.17	4.68E-04	1.48E-07	4.30E-08	7.72E-05	2.44E-08	7.09E-09	4.81E-04	1.52E-07	4.42E-08	8.94E-05	2.82E-08	8.21E-09	4.46E-04	1.41E-07	4.09E-08	4.04E-05	1.27E-08	3.71E-09
5631 480658.98, 3851252.22	4.75E-04	1.50E-07	4.36E-08	8.00E-05	2.53E-08	7.35E-09	4.89E-04	1.54E-07	4.49E-08	9.26E-05	2.92E-08	8.50E-09	4.52E-04	1.43E-07	4.15E-08	4.18E-05	1.32E-08	3.84E-09
5632 480817.36, 3851327.85	4.90E-04	1.55E-07	4.50E-08	8.57E-05	2.71E-08	7.87E-09	5.05E-04	1.59E-07	4.63E-08	9.92E-05	3.13E-08	9.11E-09	4.63E-04	1.46E-07	4.25E-08	4.48E-05	1.41E-08	4.11E-09
5633 480896.72, 3851366.43	4.96E-04	1.56E-07	4.55E-08	8.86E-05	2.80E-08	8.14E-09	5.11E-04	1.61E-07	4.69E-08	1.03E-04	3.24E-08	9.42E-09	4.68E-04	1.48E-07	4.29E-08	4.63E-05	1.46E-08	4.25E-09
5634 480976.07, 3851405	5.01E-04	1.58E-07	4.60E-08	9.15E-05	2.89E-08	8.40E-09	5.17E-04	1.63E-07	4.75E-08	1.06E-04	3.34E-08	9.72E-09	4.72E-04	1.49E-07	4.33E-08	4.78E-05	1.51E-08	4.39E-09
5635 481178, 3851487.31	5.09E-04	1.61E-07	4.67E-08	9.83E-05	3.10E-08	9.02E-09	5.26E-04	1.66E-07	4.83E-08	1.14E-04	3.59E-08	1.04E-08	4.76E-04	1.50E-07	4.37E-08	5.13E-05	1.62E-08	4.71E-09
5636 481244.9, 3851557.17	5.19E-04	1.64E-07	4.76E-08	1.01E-04	3.17E-08	9.23E-09	5.36E-04	1.69E-07	4.92E-08	1.16E-04	3.67E-08	1.07E-08	4.84E-04	1.53E-07	4.45E-08	5.25E-05	1.66E-08	4.82E-09
5637 481311.81, 3851627.03	5.27E-04	1.66E-07	4.84E-08	1.03E-04	3.25E-08	9.46E-09	5.45E-04	1.72E-07	5.00E-08	1.19E-04	3.76E-08	1.09E-08	4.92E-04	1.55E-07	4.52E-08	5.38E-05	1.70E-08	4.94E-09
5638 481378.71, 3851696.89	5.35E-04	1.69E-07	4.92E-08	1.06E-04	3.33E-08	9.69E-09	5.54E-04	1.75E-07	5.08E-08	1.22E-04	3.86E-08	1.12E-08	4.99E-04	1.58E-07	4.58E-08	5.51E-05	1.74E-08	5.06E-09
5639 481445.61, 3851766.76	5.44E-04	1.72E-07	5.00E-08	1.08E-04	3.41E-08	9.93E-09	5.63E-04	1.78E-07	5.17E-08	1.25E-04	3.95E-08	1.15E-08	5.07E-04	1.60E-07	4.65E-08	5.65E-05	1.78E-08	5.19E-09
5640 481512.51, 3851836.62	5.52E-04	1.74E-07	5.07E-08	1.11E-04	3.50E-08	1.02E-08	5.71E-04	1.80E-07	5.25E-08	1.29E-04	4.06E-08	1.18E-08	5.14E-04	1.62E-07	4.72E-08	5.80E-05	1.83E-08	5.32E-09
5641 481579.42, 3851906.48	5.61E-04	1.77E-07	5.15E-08	1.14E-04	3.60E-08	1.05E-08	5.80E-04	1.83E-07	5.33E-08	1.32E-04	4.16E-08	1.21E-08	5.21E-04	1.64E-07	4.78E-08	5.95E-05	1.88E-08	5.46E-09
5642 481646.32, 3851976.34	5.71E-04	1.80E-07	5.24E-08	1.17E-04	3.69E-08	1.07E-08	5.91E-04	1.86E-07	5.42E-08	1.35E-04	4.27E-08	1.24E-08	5.29E-04	1.67E-07	4.86E-08	6.11E-05	1.93E-08	5.61E-09
5643 481713.22, 3852046.2	5.77E-04	1.82E-07	5.29E-08	1.20E-04	3.80E-08	1.11E-08	5.97E-04	1.89E-07	5.48E-08	1.39E-04	4.40E-08	1.28E-08	5.34E-04	1.68E-07	4.90E-08	6.28E-05	1.98E-08	5.77E-09
5644 481780.12, 3852116.06	5.90E-04	1.86E-07	5.41E-08	1.24E-04	3.90E-08	1.14E-08	6.11E-04	1.93E-07	5.61E-08	1.43E-04	4.52E-08	1.31E-08	5.45E-04	1.72E-07	5.01E-08	6.45E-05	2.04E-08	5.92E-09
5645 481847.03, 3852185.92	6.07E-04	1.91E-07	5.57E-08	1.27E-04	4.01E-08	1.17E-08	6.28E-04	1.98E-07	5.77E-08	1.47E-04	4.64E-08	1.35E-08	5.61E-04	1.77E-07	5.15E-08	6.62E-05	2.09E-08	6.08E-09
5646 481913.93, 3852255.78	6.25E-04	1.97E-07	5.74E-08	1.30E-04	4.11E-08	1.20E-08	6.48E-04	2.04E-07	5.94E-08	1.51E-04	4.76E-08	1.38E-08	5.79E-04	1.83E-07	5.31E-08	6.80E-05	2.15E-08	6.24E-09
5647 481980.83, 3852325.65	6.46E-04	2.04E-07	5.93E-08	1.34E-04	4.21E-08	1.23E-08	6.69E-04	2.11E-07	6.14E-08	1.55E-04	4.88E-08	1.42E-08	5.99E-04	1.89E-07	5.50E-08	6.97E-05	2.20E-08	6.40E-09
5648 482047.73, 3852395.51	6.64E-04	2.10E-07	6.10E-08	1.37E-04	4.33E-08	1.26E-08	6.88E-04	2.17E-07	6.31E-08	1.59E-04	5.02E-08	1.46E-08	6.15E-04	1.94E-07	5.65E-08	7.16E-05	2.26E-08	6.58E-09
5649 482114.64, 3852465.37	6.86E-04	2.16E-07	6.30E-08	1.41E-04	4.45E-08	1.29E-08	7.10E-04	2.24E-07	6.52E-08	1.63E-04	5.15E-08	1.50E-08	6.36E-04	2.01E-07	5.84E-08	7.35E-05	2.32E-08	6.75E-09
5650 482181.54, 3852535.23	7.03E-04	2.22E-07	6.45E-08	1.45E-04	4.59E-08	1.33E-08	7.28E-04	2.30E-07	6.68E-08	1.68E-04	5.31E-08	1.54E-08	6.51E-04	2.06E-07	5.98E-08	7.59E-05	2.39E-08	6.96E-09
5651 482338.69, 3852700.05	7.54E-04	2.38E-07	6.92E-08	1.56E-04	4.93E-08	1.43E-08	7.80E-04	2.46E-07	7.17E-08	1.81E-04	5.71E-08	1.66E-08	6.98E-04	2.20E-07	6.41E-08	8.15E-05	2.57E-08	7.48E-09
5652 482404.05, 3852767.78	7.77E-04	2.45E-07	7.13E-08	1.61E-04	5.09E-08	1.48E-08	8.05E-04	2.54E-07	7.39E-08	1.87E-04	5.89E-08	1.71E-08	7.20E-04	2.27E-07	6.61E-08	8.41E-05	2.66E-08	7.72E-09
5653 482469.4, 3852835.52	8.01E-04	2.53E-07	7.36E-08	1.67E-04	5.26E-08	1.53E-08	8.30E-04	2.62E-07	7.62E-08	1.93E-04	6.08E-08	1.77E-08	7.42E-04	2.34E-07	6.81E-08	8.69E-05	2.74E-08	7.98E-09
5654 482534.75, 3852903.25	8.23E-04	2.60E-07	7.56E-08	1.73E-04	5.45E-08	1.58E-08	8.53E-04	2.69E-07	7.83E-08	2.00E-04	6.30E-08	1.83E-08	7.61E-04	2.40E-07	6.99E-08	9.00E-05	2.84E-08	8.26E-09
5655 482600.11, 3852970.99	8.48E-04	2.67E-07	7.78E-08	1.79E-04	5.63E-08	1.64E-08	8.78E-04	2.77E-07	8.06E-08	2.07E-04	6.52E-08	1.90E-08	7.83E-04	2.47E-07	7.19E-08	9.31E-05	2.94E-08	8.55E-09
5656 482706.71, 3853119.28	8.96E-04	2.83E-07	8.23E-08	1.90E-04	6.00E-08	1.75E-08	9.29E-04	2.93E-07	8.53E-08	2.20E-04	6.95E-08	2.02E-08	8.28E-04	2.61E-07	7.60E-08	9.92E-05	3.13E-08	9.11E-09
5657 482747.96, 3853199.84	9.28E-04	2.93E-07	8.52E-08	1.94E-04	6.13E-08	1.78E-08	9.62E-04	3.04E-07	8.83E-08	2.25E-04	7.09E-08	2.06E-08	8.59E-04	2.71E-07	7.89E-08	1.01E-04	3.20E-08	9.30E-09
5658 482789.21, 3853280.4	9.63E-04	3.04E-07	8.84E-08	1.97E-04	6.23E-08	1.81E-08	9.97E-04	3.15E-07	9.15E-08	2.29E-04	7.22E-08	2.10E-08	8.94E-04	2.82E-07	8.20E-08	1.03E-04	3.25E-08	9.46E-09
5659 482830.46, 3853360.96	9.96E-04	3.14E-07	9.15E-08	2.01E-04	6.35E-08	1.85E-08	1.03E-03	3.25E-07	9.46E-08	2.33E-04	7.35E-08	2.14E-08	9.26E-04	2.92E-07	8.50E-08	1.05E-04	3.31E-08	9.63E-09
5660 482871.71, 3853441.52	1.03E-03	3.25E-07	9.46E-08	2.05E-04	6.46E-08	1.88E-08	1.07E-03	3.36E-07	9.78E-08	2.37E-04	7.48E-08	2.17E-08	9.60E-04	3.03E-07	8.81E-08	1.07E-04	3.37E-08	9.80E-09
5661 482912.95, 3853522.07	1.06E-03	3.34E-07	9.70E-08	2.10E-04	6.61E-08	1.92E-08	1.09E-03	3.45E-07	1.00E-07	2.43E-04	7.66E-08	2.23E-08	9.85E-04	3.11E-07	9.04E-08	1.09E-04	3.45E-08	1.00E-08
5662 482954.2, 3853602.63	1.08E-03	3.42E-07	9.96E-08	2.15E-04	6.78E-08	1.97E-08	1.12E-03	3.54E-07	1.03E-07	2.49E-04	7.85E-08	2.28E-08	1.01E-03	3.19E-07	9.28E-08	1.12E-04	3.54E-08	1.03E-08
5663 482995.45, 3853683.19	1.11E-03	3.50E-07	1.02E-07	2.22E-04	7.00E-08	2.04E-08	1.15E-03	3.62E-07	1.05E-07	2.57E-04	8.10E-08	2.36E-08	1.03E-03	3.26E-07	9.48E-08	1.16E-04	3.65E-08	1.06E-08
5664 483036.7, 3853763.75	1.13E-03	3.58E-07	1.04E-07	2.30E-04	7.26E-08	2.11E-08	1.17E-03	3.71E-07	1.08E-07	2.66E-04	8.40E-08	2.44E-08	1.05E-03	3.33E-07	9.68E-08	1.20E-04	3.79E-08	1.10E-08
5665 483214.2, 3853909.91	1.12E-03	3.53E-07	1.03E-07	2.71E-04	8.54E-08	2.48E-08	1.16E-03	3.67E-07	1.07E-07	3.13E-04	9.89E-08	2.88E-08	1.01E-03	3.19E-07	9.28E-08	1.41E-04	4.45E-08	1.30E-08
5666 483307.01, 3853910.44	1.14E-03	3.58E-07	1.04E-07	2.92E-04	9.22E-08	2.68E-08	1.19E-03	3.74E-07	1.09E-07	3.38E-04	1.07E-07	3.11E-08	1.02E-03	3.21E-07	9.33E-08	1.52E-04	4.81E-08	1.40E-08
5667 483399.83, 3853910.96	1.14E-03	3.61E-07	1.05E-07	3.18E-04	1.00E-07	2.92E-08	1.20E-03	3.78E-07	1.10E-07	3.68E-04	1.16E-07	3.38E-08	1.01E-03	3.18E-07	9.26E-08	1.66E-04	5.23E-08	1.52E-08
5668 483494.52, 3854009.24	1.21E-03	3.82E-07	1.11E-07	3.46E-04	1.09E-07	3.18E-08	1.27E-03	4.01E-07	1.17E-07	4.01E-04	1.27E-07	3.68E-08	1.06E-03	3.36E-07	9.77E-08	1.81E-04	5.70E-08	1.66E-08
5669 483496.41, 3854106.98	1.28E-03	4.03E-07	1.17E-07	3.50E-04	1.10E-07	3.21E-08	1.34E-03	4.22E-07	1.23E-07	4.05E-04	1.28E-07	3.72E-08	1.13E-03	3.57E-07	1.04E-07	1.82E-04	5.75E-08	1.67E-08
5670 483577.56, 3854261.96	1.34E-03	4.23E-07	1.23E-07	3.90E-04	1.23E-07	3.58E-08	1.41E-03	4.44E-07	1.29E-07	4.51E-04	1.42E-07	4.14E-08	1.17E-03	3.70E-07	1.08E-07	2.03E-04	6.42E-08	1.87E-08
5671 483656.83, 3854319.19	1.36E-03	4.29E-07	1.25E-07	4.16E-04	1.31E-07	3.82E-08	1.43E-03	4.52E-07	1.31E-07	4.81E-04	1.52E-07	4.42E-08	1.18E-03	3.72E-07	1.08E-07	2.17E-04	6.85E-08	1.99E-08
5672 483736.1, 3854376.41	1.40E-03	4.43E-07	1.29E-07	4.45E-04	1.40E-07	4.09E-08	1.48E-03	4.67E-07	1.36E-07	5.15E-04	1.63E-07	4.73E-08	1.20E-03	3.80E-07	1.10E-07	2.32E-04	7.33E-08	2.13E-08

5673 483815.37, 3854433.64	1.47E-03	4.65E-07	1.35E-07	4.74E-04	1.50E-07	4.35E-08	1.55E-03	4.90E-07	1.43E-07	5.48E-04	1.73E-07	5.04E-08	1.26E-03	3.97E-07	1.16E-07	2.48E-04	7.81E-08	2.27E-08
5674 483894.63, 3854490.87	1.56E-03	4.93E-07	1.43E-07	4.97E-04	1.57E-07	4.56E-08	1.65E-03	5.20E-07	1.51E-07	5.75E-04	1.82E-07	5.28E-08	1.34E-03	4.22E-07	1.23E-07	2.60E-04	8.20E-08	2.39E-08
5675 483973.9, 3854548.1	1.67E-03	5.27E-07	1.53E-07	5.14E-04	1.62E-07	4.72E-08	1.76E-03	5.55E-07	1.61E-07	5.95E-04	1.88E-07	5.46E-08	1.44E-03	4.55E-07	1.32E-07	2.69E-04	8.49E-08	2.47E-08
5676 484053.17, 3854605.32	1.82E-03	5.76E-07	1.68E-07	5.41E-04	1.71E-07	4.97E-08	1.92E-03	6.05E-07	1.76E-07	6.26E-04	1.98E-07	5.75E-08	1.59E-03	5.01E-07	1.46E-07	2.83E-04	8.93E-08	2.60E-08
5677 484214.97, 3854698.15	2.15E-03	6.78E-07	1.97E-07	6.19E-04	1.95E-07	5.69E-08	2.25E-03	7.11E-07	2.07E-07	7.17E-04	2.26E-07	6.58E-08	1.88E-03	5.93E-07	1.73E-07	3.24E-04	1.02E-07	2.97E-08
5678 484297.5, 3854733.74	2.37E-03	7.49E-07	2.18E-07	7.00E-04	2.21E-07	6.42E-08	2.49E-03	7.86E-07	2.29E-07	8.10E-04	2.56E-07	7.43E-08	2.07E-03	6.52E-07	1.90E-07	3.66E-04	1.15E-07	3.36E-08
5679 484380.03, 3854769.34	2.53E-03	7.98E-07	2.32E-07	7.52E-04	2.37E-07	6.90E-08	2.66E-03	8.38E-07	2.44E-07	8.70E-04	2.75E-07	7.99E-08	2.20E-03	6.94E-07	2.02E-07	3.93E-04	1.24E-07	3.60E-08
5680 484462.56, 3854804.94	2.77E-03	8.75E-07	2.54E-07	8.47E-04	2.67E-07	7.78E-08	2.92E-03	9.21E-07	2.68E-07	9.80E-04	3.09E-07	9.00E-08	2.40E-03	7.57E-07	2.20E-07	4.42E-04	1.39E-07	4.06E-08
5681 484545.09, 3854840.53	2.92E-03	9.21E-07	2.68E-07	9.08E-04	2.87E-07	8.34E-08	3.07E-03	9.70E-07	2.82E-07	1.05E-03	3.32E-07	9.65E-08	2.52E-03	7.94E-07	2.31E-07	4.74E-04	1.49E-07	4.35E-08
5682 484691.88, 3854912.59	3.49E-03	1.10E-06	3.21E-07	1.19E-03	3.75E-07	1.09E-07	3.70E-03	1.17E-06	3.40E-07	1.38E-03	4.34E-07	1.26E-07	2.95E-03	9.32E-07	2.71E-07	6.19E-04	1.95E-07	5.68E-08
5683 484830.81, 3855012.51	5.29E-03	1.67E-06	4.85E-07	2.51E-03	7.91E-07	2.30E-07	5.72E-03	1.80E-06	5.25E-07	2.90E-03	9.16E-07	2.66E-07	4.04E-03	1.27E-06	3.70E-07	1.30E-03	4.11E-07	1.20E-07
5684 484905.48, 3855075.97	9.72E-03	3.07E-06	8.92E-07	6.24E-03	1.97E-06	5.73E-07	1.08E-02	3.41E-06	9.91E-07	7.23E-03	2.28E-06	6.63E-07	6.42E-03	2.03E-06	5.89E-07	3.24E-03	1.02E-06	2.98E-07
5685 484980.14, 3855139.44	1.39E-02	4.40E-06	1.28E-06	9.84E-03	3.11E-06	9.03E-07	1.56E-02	4.94E-06	1.44E-06	1.14E-02	3.60E-06	1.05E-06	8.67E-03	2.74E-06	7.96E-07	5.11E-03	1.61E-06	4.69E-07
5686 485054.81, 3855202.91	1.67E-02	5.27E-06	1.53E-06	1.22E-02	3.84E-06	1.12E-06	1.88E-02	5.93E-06	1.73E-06	1.41E-02	4.44E-06	1.29E-06	1.02E-02	3.20E-06	9.32E-07	6.32E-03	1.99E-06	5.80E-07
5687 485129.48, 3855266.37	1.76E-02	5.54E-06	1.61E-06	1.29E-02	4.06E-06	1.18E-06	1.98E-02	6.24E-06	1.82E-06	1.49E-02	4.70E-06	1.37E-06	1.06E-02	3.36E-06	9.77E-07	6.68E-03	2.11E-06	6.13E-07
5688 485204.15, 3855329.84	2.00E-02	6.31E-06	1.83E-06	1.48E-02	4.66E-06	1.36E-06	2.25E-02	7.11E-06	2.07E-06	1.71E-02	5.40E-06	1.57E-06	1.20E-02	3.79E-06	1.10E-06	7.68E-03	2.42E-06	7.05E-07
5689 485278.82, 3855393.31	2.10E-02	6.62E-06	1.93E-06	1.55E-02	4.89E-06	1.42E-06	2.37E-02	7.46E-06	2.17E-06	1.80E-02	5.67E-06	1.65E-06	1.26E-02	3.98E-06	1.16E-06	8.06E-03	2.54E-06	7.40E-07
5690 485353.48, 3855456.77	2.24E-02	7.08E-06	2.06E-06	1.66E-02	5.23E-06	1.52E-06	2.53E-02	7.98E-06	2.32E-06	1.92E-02	6.06E-06	1.76E-06	1.35E-02	4.25E-06	1.24E-06	8.61E-03	2.72E-06	7.91E-07
5691 485428.15, 3855520.24	2.30E-02	7.27E-06	2.11E-06	1.69E-02	5.35E-06	1.56E-06	2.60E-02	8.19E-06	2.38E-06	1.96E-02	6.20E-06	1.80E-06	1.39E-02	4.39E-06	1.28E-06	8.81E-03	2.78E-06	8.09E-07
5692 485502.82, 3855583.71	2.37E-02	7.49E-06	2.18E-06	1.74E-02	5.48E-06	1.59E-06	2.67E-02	8.43E-06	2.45E-06	2.01E-02	6.35E-06	1.85E-06	1.44E-02	4.53E-06	1.32E-06	9.02E-03	2.85E-06	8.28E-07
5693 485577.49, 3855647.17	2.53E-02	7.98E-06	2.32E-06	1.85E-02	5.83E-06	1.70E-06	2.85E-02	8.99E-06	2.61E-06	2.14E-02	6.76E-06	1.97E-06	1.53E-02	4.84E-06	1.41E-06	9.60E-03	3.03E-06	8.82E-07
5694 485652.16, 3855710.64	2.67E-02	8.44E-06	2.45E-06	1.95E-02	6.14E-06	1.79E-06	3.01E-02	9.50E-06	2.76E-06	2.25E-02	7.11E-06	2.07E-06	1.63E-02	5.13E-06	1.49E-06	1.01E-02	3.19E-06	9.28E-07
5695 485726.83, 3855774.11	2.76E-02	8.72E-06	2.54E-06	2.00E-02	6.32E-06	1.84E-06	3.11E-02	9.81E-06	2.85E-06	2.32E-02	7.32E-06	2.13E-06	1.69E-02	5.32E-06	1.55E-06	1.04E-02	3.28E-06	9.55E-07
5696 485801.49, 3855837.57	2.73E-02	8.63E-06	2.51E-06	1.96E-02	6.17E-06	1.80E-06	3.07E-02	9.70E-06	2.82E-06	2.27E-02	7.15E-06	2.08E-06	1.68E-02	5.31E-06	1.55E-06	1.02E-02	3.21E-06	9.33E-07
5697 485876.16, 3855901.04	2.81E-02	8.88E-06	2.58E-06	2.00E-02	6.33E-06	1.84E-06	3.16E-02	9.98E-06	2.90E-06	2.32E-02	7.33E-06	2.13E-06	1.74E-02	5.49E-06	1.60E-06	1.04E-02	3.29E-06	9.56E-07
5698 485950.83, 3855964.5	2.79E-02	8.80E-06	2.56E-06	1.96E-02	6.19E-06	1.80E-06	3.13E-02	9.87E-06	2.87E-06	2.27E-02	7.16E-06	2.08E-06	1.74E-02	5.48E-06	1.60E-06	1.02E-02	3.21E-06	9.35E-07
5699 486025.5, 3856027.97	2.75E-02	8.67E-06	2.52E-06	1.91E-02	6.03E-06	1.75E-06	3.08E-02	9.71E-06	2.82E-06	2.21E-02	6.99E-06	2.03E-06	1.72E-02	5.44E-06	1.58E-06	9.93E-03	3.13E-06	9.12E-07
5700 486100.17, 3856091.44	2.92E-02	9.21E-06	2.68E-06	2.02E-02	6.39E-06	1.86E-06	3.27E-02	1.03E-05	3.00E-06	2.34E-02	7.40E-06	2.15E-06	1.84E-02	5.80E-06	1.69E-06	1.05E-02	3.32E-06	9.66E-07
5701 486174.83, 3856154.9	2.83E-02	8.93E-06	2.60E-06	1.94E-02	6.12E-06	1.78E-06	3.17E-02	9.99E-06	2.91E-06	2.25E-02	7.09E-06	2.06E-06	1.80E-02	5.67E-06	1.65E-06	1.01E-02	3.18E-06	9.26E-07
5702 486249.5, 3856218.37	2.62E-02	8.28E-06	2.41E-06	1.77E-02	5.58E-06	1.62E-06	2.93E-02	9.24E-06	2.69E-06	2.05E-02	6.46E-06	1.88E-06	1.68E-02	5.31E-06	1.54E-06	9.18E-03	2.90E-06	8.43E-07
5703 486324.17, 3856281.84	2.45E-02	7.74E-06	2.25E-06	1.62E-02	5.12E-06	1.49E-06	2.73E-02	8.63E-06	2.51E-06	1.88E-02	5.93E-06	1.72E-06	1.59E-02	5.02E-06	1.46E-06	8.43E-03	2.66E-06	7.74E-07
5704 486398.84, 3856345.3	2.52E-02	7.97E-06	2.32E-06	1.66E-02	5.25E-06	1.53E-06	2.81E-02	8.87E-06	2.58E-06	1.93E-02	6.08E-06	1.77E-06	1.64E-02	5.18E-06	1.51E-06	8.65E-03	2.73E-06	7.94E-07
5705 486473.51, 3856408.77	2.53E-02	7.99E-06	2.32E-06	1.66E-02	5.24E-06	1.52E-06	2.82E-02	8.89E-06	2.59E-06	1.92E-02	6.06E-06	1.76E-06	1.65E-02	5.21E-06	1.52E-06	8.62E-03	2.72E-06	7.91E-07
5706 486548.17, 3856472.24	2.61E-02	8.23E-06	2.39E-06	1.71E-02	5.39E-06	1.57E-06	2.90E-02	9.16E-06	2.67E-06	1.98E-02	6.25E-06	1.82E-06	1.70E-02	5.38E-06	1.56E-06	8.88E-03	2.80E-06	8.15E-07
5707 486622.84, 3856535.7	2.69E-02	8.49E-06	2.47E-06	1.76E-02	5.56E-06	1.62E-06	2.99E-02	9.44E-06	2.75E-06	2.04E-02	6.44E-06	1.87E-06	1.76E-02	5.54E-06	1.61E-06	9.15E-03	2.89E-06	8.40E-07
5708 486765.48, 3856659.69	2.89E-02	9.11E-06	2.65E-06	1.90E-02	5.98E-06	1.74E-06	3.21E-02	1.01E-05	2.95E-06	2.20E-02	6.93E-06	2.02E-06	1.88E-02	5.94E-06	1.73E-06	9.85E-03	3.11E-06	9.04E-07
5709 486833.44, 3856720.2	2.97E-02	9.39E-06	2.73E-06	1.96E-02	6.18E-06	1.80E-06	3.31E-02	1.05E-05	3.04E-06	2.27E-02	7.16E-06	2.08E-06	1.94E-02	6.11E-06	1.78E-06	1.02E-02	3.21E-06	9.34E-07
5710 486901.41, 3856780.72	3.03E-02	9.56E-06	2.78E-06	1.99E-02	6.27E-06	1.82E-06	3.37E-02	1.06E-05	3.10E-06	2.30E-02	7.27E-06	2.11E-06	1.98E-02	6.24E-06	1.81E-06	1.03E-02	3.26E-06	9.48E-07
5711 486969.38, 3856841.24	3.06E-02	9.65E-06	2.81E-06	2.00E-02	6.31E-06	1.83E-06	3.40E-02	1.07E-05	3.12E-06	2.31E-02	7.31E-06	2.12E-06	2.00E-02	6.31E-06	1.84E-06	1.04E-02	3.28E-06	9.53E-07
5712 487037.34, 3856901.75	3.06E-02	9.67E-06	2.81E-06	1.99E-02	6.29E-06	1.83E-06	3.41E-02	1.08E-05	3.13E-06	2.31E-02	7.28E-06	2.12E-06	2.01E-02	6.35E-06	1.85E-06	1.03E-02	3.27E-06	9.50E-07
5713 487271.23, 3856855.51	2.05E-02	6.46E-06	1.88E-06	1.13E-02	3.57E-06	1.04E-06	2.24E-02	7.08E-06	2.06E-06	1.31E-02	4.13E-06	1.20E-06	1.47E-02	4.63E-06	1.35E-06	5.87E-03	1.85E-06	5.39E-07
5714 487368.96, 3856857.29	1.87E-02	5.90E-06	1.72E-06	9.84E-03	3.11E-06	9.04E-07	2.04E-02	6.44E-06	1.87E-06	1.14E-02	3.60E-06	1.05E-06	1.37E-02	4.32E-06	1.26E-06	5.12E-03	1.61E-06	4.70E-07
5715 487466.68, 3856859.06	1.73E-02	5.45E-06	1.58E-06	8.65E-03	2.73E-06	7.94E-07	1.88E-02	5.92E-06	1.72E-06	1.00E-02	3.16E-06	9.20E-07	1.29E-02	4.07E-06	1.18E-06	4.50E-03	1.42E-06	4.13E-07
5716 487636.44, 3856930	1.54E-02	4.87E-06	1.42E-06	7.02E-03	2.22E-06	6.44E-07	1.66E-02	5.25E-06	1.53E-06	8.13E-03	2.57E-06	7.46E-07	1.20E-02	3.78E-06	1.10E-06	3.65E-03	1.15E-06	3.35E-07
5717 487709.57, 3856928.43	1.47E-02	4.64E-06	1.35E-06	6.43E-03	2.03E-06	5.90E-07	1.58E-02	4.99E-06	1.45E-06	7.45E-03	2.35E-06	6.83E-07	1.16E-02	3.65E-06	1.06E-06	3.34E-03	1.05E-06	3.07E-07
5718 487782.55, 3856841.96	1.39E-02	4.38E-06	1.27E-06	6.03E-03	1.90E-06	5.54E-07	1.49E-02	4.71E-06	1.37E-06	6.99E-03	2.21E-06	6.42E-07	1.09E-02	3.45E-06	1.00E-06	3.14E-03	9.90E-07	2.88E-07
5719 487849.83, 3856754.74	1.30E-02	4.11E-06	1.20E-06	5.61E-03	1.77E-06	5.15E-07	1.40E-02	4.42E-06	1.29E-06	6.50E-03	2.05E-06	5.96E-07	1.03E-02	3.25E-06	9.46E-07	2.92E-03	9.20E-07	2.68E-07
5720 487918.03, 3856819.39	1.29E-02	4.06E-06	1.18E-06	5.31E-03	1.68E-06	4.87E-07	1.38E-02	4.35E-06	1.26E-06	6.15E-03	1.94E-06	5.64E-07	1.03E-02	3.25E-06	9.46E-07	2.76E-03	8.71E-07	2.53E-07
5721 487918.8, 3856886.37	1.30E-02	4.11E-06	1.19E-06	5.24E-03	1.65E-06	4.81E-07	1.39E-02	4.39E-06	1.28E-06	6.07E-03	1.91E-06	5.57E-07	1.05E-02	3.32E-06	9.65E-07	2.72E-03	8.60E-07	2.50E-07
5722 488065.47, 3857127.51	1.18E-02	3.72E-06	1.08E-06	3.74E-03	1.18E-06	3.43E-07	1.24E-02	3.92E-06	1.14E-06	4.33E-03	1.37E-06	3.98E-07	1.01E-02	3.19E-06	9.29E-07	1.94E-03	6.14E-07	1.79E-07
5723 488192.19, 3857385.84	1.10E-02	3.48E-06	1.01E-06	2.31E-03	7.28E-07	2.12E-07	1.14E-02	3.60E-06	1.05E-06	2.67E-03	8.42E-07	2.45E-07	1.02E-02	3.22E-06	9.36E-07	1.20E-03	3.79E-07	1.10E-07
5724 488191.22, 3857473.87	1.11E-02	3.51E-06	1.02E-06	1.97E-03	6.23E-07	1.81E-07	1.15E-02	3.62E-06	1.05E-06	2.28E-03	7.21E-07	2.10E-07	1.05E-02	3.31E-06	9.64E-07	1.03E-03	3.25E-07	9.45E-08
5725 488190.24, 3857561.91	1.14E-02	3.58E-06	1.04E-06	1.69E-03	5.33E-07	1.55E-07	1.16E-02	3.68E-06	1.07E-06	1.95E-03	6.17E-07	1.79E-07	1.09E-02	3.45E-06	1.00E-06	8.82E-04	2.78E-07	8.10E-08
5726 488158.35, 3857691.13	1.20E-02	3.80E-06	1.11E-06	1.35E-03	4.27E-07	1.24E-07	1.23E-02	3.87E-06	1.13E-06	1.56E-03	4.94E-07	1.44E-07	1.18E-02	3.74E-06	1.09E-06	7.10E-04	2.24E-07	6.52E-08
5727 488208.37, 3857816.66	1.44E-02	4.54E-06	1.32E-06	1.12E-03	3.54E-07	1.03E-07	1.46E-02	4.60E-06	1.34E-06	1.29E-03	4.08E-07	1.19E-07	1.44E-02	4.54E-06	1.32E-06	6.02E-04	1.90E-07	5.53E-08
5728 488271.97, 3857874.6	2.44E-02	7.69E-06	2.24E-06	1.16E-03	3.66E-07	1.06E-07	2.45E-02	7.75E-06	2.25E-06	1.32E-03	4.16E-07	1.21E-07	2.44E-02	7.71E-06	2.24E-06	6.85E-04	2.16E-07	6.28E-08
5729 488463.56, 3857942.31	3.17E-02	1.00E-05	2.91E-06	1.17E-03	3.69E-07	1.07E-07	3.19E-02	1.01E-05	2.93E-06	1.31E-03	4.14E-07	1.20E-07	3.18E-02	1.01E-05	2.92E-06	7.36E-04	2.32E-07	6.75E-08
5730 488554.83, 3857940.83	2.70E-02	8.51E-06	2.48E-06	1.11E-03	3.52E-07	1.02E-07	2.71E-02	8.56E-06	2.49E-06	1.26E-03	3.97E-07	1.15E-07	2.71E-02	8.54E-06	2.48E-06	6.78E-04	2.14E-07	6.23E-08
5731 488646.1, 3857939.36	2.35E-02	7.40E-06	2.15E-06	1.08E-03	3.40E-07	9.88E-08	2.36E-02	7.45E-06	2.17E-06	1.22E-03	3.85E-07	1.12E-07	2.35E-02	7.43E-06	2.16E-06	6.37E-04	2.01E-07	5.85E-08
5732 488737.37, 3857937.88	2.09E-02	6.59E-06	1.92E-06	1.05E-03	3.31E-07	9.63E-08	2.10E-02	6.64E-06	1.93E-06	1.19E-03	3.77E-07	1.10E-07	2.09E-02	6.61E-06	1.92E-06	6.08E-04	1.92E-07	5.59E-08
5733 488733.59, 3857960.57	2.08E-02	6.56E-06	1.91E-06	1.02E-03	3.22E-07	9.37E-08	2.10E-02	6.61E-06	1.92E-06	1.16E-03	3.67E-07	1.07E-07	2.09E-02	6.59E-06	1.92E-06	5.92E-04	1.87E-07	5.44E-08
5734 488638.09, 3857961.57	2.35E-02	7.42E-06	2.16E-06	1.05E-03	3.31E-07	9.62E-08	2.37E-02	7.47E-06	2.17E-06	1.19E-03	3.75E-07	1.09E-07	2.36E-02	7.45E-06	2.17E-06	6.22E-04	1.96E-07	5.71E-08
5735 488542.6, 3857962.56	2.74E-02	8.64E-06	2.51E-06	1.09E-03	3.44E-07	1.00E-07	2.75E-02	8.69E-06	2.53E-06	1.23E-03	3.88E-07	1.13E-07	2.75E-02	8.68E-06	2.52E-06	6.67E-04	2.11E-07	6.12E-08
5736 488447.1, 3857963.56	3.29E-02	1.04E-05	3.02E-06	1.15E-03	3.64E-07	1.06E-07	3.31E-02	1.04E-05	3.04E-06	1.29E-03	4.08E-07	1.19E-07	3.31E-02	1.04E-05	3.03E-06	7.35E-04	2.32E-07	6.74E-08
5737 488254.28, 3857890.36	2.61E-02	8.22E-06	2.39E-06	1.16E-03	3.65E-07	1.06E-07	2.62E-02	8.28E-06	2.41E-06	1.31E-03	4.13E-07	1.20E-07	2.61E-02	8.25E-06	2.40E-06	6.93E-04	2.19E-07	6.36E-08
5738 488191.69, 3857833.06	1.46E-02	4.59E-06	1.34E-06	1.09E-03	3.46E-07	1.01E-07	1.47E-02	4.65E-06	1.35E-06	1.26E-03	3.98E-07	1.16E-07	1.46E-02	4.59E-06	1.34E-06	5.89E-04	1.86E-07	5.40E-08

5739	488129.5, 3857907.43	1.55E-02	4.88E-06	1.42E-06	9.88E-04	3.12E-07	9.07E-08	1.56E-02	4.93E-06	1.43E-06	1.14E-03	3.59E-07	1.04E-07	1.56E-02	4.91E-06	1.43E-06	5.35E-04	1.69E-07	4.91E-08
5740	488196.47, 3857968.74	3.98E-02	1.25E-05	3.65E-06	1.23E-03	3.89E-07	1.13E-07	3.99E-02	1.26E-05	3.66E-06	1.37E-03	4.32E-07	1.26E-07	3.99E-02	1.26E-05	3.66E-06	8.15E-04	2.57E-07	7.48E-08
5741	488263.44, 3858030.04	4.01E-02	1.27E-05	3.68E-06	1.17E-03	3.69E-07	1.07E-07	4.02E-02	1.27E-05	3.69E-06	1.30E-03	4.09E-07	1.19E-07	4.03E-02	1.27E-05	3.70E-06	7.82E-04	2.47E-07	7.18E-08
5742	488400.64, 3858132.9	2.08E-02	6.56E-06	1.91E-06	8.11E-04	2.56E-07	7.45E-08	2.09E-02	6.60E-06	1.92E-06	9.24E-04	2.92E-07	8.48E-08	2.11E-02	6.66E-06	1.94E-06	4.69E-04	1.48E-07	4.31E-08
5743	488519.89, 3858218.38	1.76E-02	5.54E-06	1.61E-06	6.89E-04	2.18E-07	6.33E-08	1.77E-02	5.58E-06	1.62E-06	7.91E-04	2.50E-07	7.26E-08	1.80E-02	5.67E-06	1.65E-06	3.81E-04	1.20E-07	3.50E-08
5744	488647.97, 3858214.99	1.69E-02	5.33E-06	1.55E-06	6.88E-04	2.17E-07	6.31E-08	1.70E-02	5.37E-06	1.56E-06	7.89E-04	2.49E-07	7.25E-08	1.73E-02	5.45E-06	1.58E-06	3.80E-04	1.20E-07	3.49E-08
5745	488727.05, 3858167.67	1.68E-02	5.31E-06	1.54E-06	7.36E-04	2.32E-07	6.75E-08	1.69E-02	5.35E-06	1.55E-06	8.43E-04	2.66E-07	7.74E-08	1.71E-02	5.40E-06	1.57E-06	4.09E-04	1.29E-07	3.75E-08
5746	488806.12, 3858120.35	1.68E-02	5.30E-06	1.54E-06	7.91E-04	2.50E-07	7.26E-08	1.69E-02	5.34E-06	1.55E-06	9.06E-04	2.86E-07	8.32E-08	1.70E-02	5.37E-06	1.56E-06	4.42E-04	1.39E-07	4.05E-08
5747	488885.2, 3858073.03	1.66E-02	5.25E-06	1.53E-06	8.48E-04	2.68E-07	7.78E-08	1.68E-02	5.30E-06	1.54E-06	9.71E-04	3.06E-07	8.91E-08	1.68E-02	5.31E-06	1.54E-06	4.74E-04	1.49E-07	4.35E-08
5748	489055.76, 3857991.18	1.56E-02	4.92E-06	1.43E-06	9.32E-04	2.94E-07	8.55E-08	1.57E-02	4.97E-06	1.44E-06	1.07E-03	3.37E-07	9.81E-08	1.56E-02	4.94E-06	1.44E-06	5.16E-04	1.63E-07	4.74E-08
5749	489245.39, 3857944.55	1.40E-02	4.41E-06	1.28E-06	9.61E-04	3.03E-07	8.82E-08	1.41E-02	4.46E-06	1.30E-06	1.10E-03	3.49E-07	1.01E-07	1.40E-02	4.41E-06	1.28E-06	5.26E-04	1.66E-07	4.83E-08
5750	489430.63, 3857930.91	1.28E-02	4.04E-06	1.17E-06	9.49E-04	2.99E-07	8.71E-08	1.29E-02	4.09E-06	1.19E-06	1.09E-03	3.45E-07	1.00E-07	1.28E-02	4.03E-06	1.17E-06	5.15E-04	1.63E-07	4.73E-08
5751	489517.74, 3857929.36	1.23E-02	3.89E-06	1.13E-06	9.38E-04	2.96E-07	8.61E-08	1.25E-02	3.94E-06	1.15E-06	1.08E-03	3.41E-07	9.91E-08	1.23E-02	3.88E-06	1.13E-06	5.08E-04	1.60E-07	4.66E-08
5752	489604.86, 3857927.82	1.19E-02	3.76E-06	1.09E-06	9.27E-04	2.93E-07	8.51E-08	1.21E-02	3.81E-06	1.11E-06	1.07E-03	3.37E-07	9.81E-08	1.19E-02	3.75E-06	1.09E-06	5.01E-04	1.58E-07	4.60E-08
5753	489691.97, 3857926.28	1.15E-02	3.64E-06	1.06E-06	9.16E-04	2.89E-07	8.41E-08	1.17E-02	3.69E-06	1.07E-06	1.06E-03	3.33E-07	9.69E-08	1.15E-02	3.63E-06	1.06E-06	4.93E-04	1.56E-07	4.53E-08
5754	489779.08, 3857924.73	1.12E-02	3.54E-06	1.03E-06	9.04E-04	2.85E-07	8.30E-08	1.14E-02	3.58E-06	1.04E-06	1.04E-03	3.29E-07	9.57E-08	1.12E-02	3.52E-06	1.02E-06	4.86E-04	1.53E-07	4.46E-08
5755	490017.55, 3857875.09	1.03E-02	3.25E-06	9.44E-07	9.05E-04	2.85E-07	8.30E-08	1.04E-02	3.29E-06	9.58E-07	1.04E-03	3.29E-07	9.58E-08	1.02E-02	3.22E-06	9.37E-07	4.84E-04	1.53E-07	4.45E-08
5756	490033.82, 3857960.81	1.05E-02	3.30E-06	9.60E-07	8.43E-04	2.66E-07	7.74E-08	1.06E-02	3.34E-06	9.72E-07	9.72E-04	3.07E-07	8.92E-08	1.04E-02	3.29E-06	9.57E-07	4.51E-04	1.42E-07	4.14E-08
5757	489959.15, 3857987.49	1.08E-02	3.40E-06	9.89E-07	8.33E-04	2.63E-07	7.65E-08	1.09E-02	3.44E-06	1.00E-06	9.61E-04	3.03E-07	8.82E-08	1.08E-02	3.40E-06	9.89E-07	4.47E-04	1.41E-07	4.10E-08
5758	489791.49, 3858016.12	1.13E-02	3.56E-06	1.04E-06	8.37E-04	2.64E-07	7.68E-08	1.14E-02	3.60E-06	1.05E-06	9.65E-04	3.04E-07	8.86E-08	1.13E-02	3.56E-06	1.04E-06	4.50E-04	1.42E-07	4.13E-08
5759	489698.51, 3858018.07	1.16E-02	3.67E-06	1.07E-06	8.46E-04	2.67E-07	7.77E-08	1.18E-02	3.71E-06	1.08E-06	9.75E-04	3.08E-07	8.95E-08	1.16E-02	3.67E-06	1.07E-06	4.55E-04	1.44E-07	4.18E-08
5760	489605.52, 3858020.02	1.20E-02	3.79E-06	1.10E-06	8.54E-04	2.70E-07	7.84E-08	1.21E-02	3.83E-06	1.11E-06	9.84E-04	3.11E-07	9.03E-08	1.20E-02	3.80E-06	1.10E-06	4.61E-04	1.45E-07	4.23E-08
5761	489512.53, 3858021.96	1.24E-02	3.92E-06	1.14E-06	8.62E-04	2.72E-07	7.91E-08	1.26E-02	3.96E-06	1.15E-06	9.92E-04	3.13E-07	9.11E-08	1.24E-02	3.93E-06	1.14E-06	4.66E-04	1.47E-07	4.28E-08
5762	489419.55, 3858023.91	1.29E-02	4.07E-06	1.18E-06	8.68E-04	2.74E-07	7.97E-08	1.30E-02	4.11E-06	1.20E-06	9.99E-04	3.15E-07	9.17E-08	1.29E-02	4.08E-06	1.19E-06	4.71E-04	1.49E-07	4.32E-08
5763	489228.47, 3858041.29	1.39E-02	4.38E-06	1.27E-06	8.70E-04	2.75E-07	7.99E-08	1.40E-02	4.43E-06	1.29E-06	1.00E-03	3.16E-07	9.19E-08	1.40E-02	4.41E-06	1.28E-06	4.75E-04	1.50E-07	4.36E-08
5764	489065.75, 3858085.78	1.49E-02	4.71E-06	1.37E-06	8.31E-04	2.62E-07	7.63E-08	1.50E-02	4.75E-06	1.38E-06	9.54E-04	3.01E-07	8.76E-08	1.51E-02	4.75E-06	1.38E-06	4.57E-04	1.44E-07	4.19E-08
5765	489001.12, 3858114.86	1.52E-02	4.80E-06	1.40E-06	8.01E-04	2.53E-07	7.35E-08	1.53E-02	4.84E-06	1.41E-06	9.19E-04	2.90E-07	8.44E-08	1.54E-02	4.86E-06	1.41E-06	4.41E-04	1.39E-07	4.04E-08
5766	488861.89, 3858189.81	1.56E-02	4.93E-06	1.43E-06	7.20E-04	2.27E-07	6.61E-08	1.57E-02	4.96E-06	1.44E-06	8.27E-04	2.61E-07	7.59E-08	1.59E-02	5.01E-06	1.46E-06	3.95E-04	1.25E-07	3.63E-08
5767	488787.29, 3858235.69	1.59E-02	5.02E-06	1.46E-06	6.71E-04	2.12E-07	6.16E-08	1.60E-02	5.05E-06	1.47E-06	7.72E-04	2.44E-07	7.08E-08	1.62E-02	5.13E-06	1.49E-06	3.67E-04	1.16E-07	3.37E-08
5768	488712.68, 3858281.57	1.62E-02	5.10E-06	1.48E-06	6.35E-04	2.00E-07	5.83E-08	1.63E-02	5.13E-06	1.49E-06	7.30E-04	2.30E-07	6.70E-08	1.66E-02	5.23E-06	1.52E-06	3.46E-04	1.09E-07	3.17E-08
5769	488654.39, 3858436.17	1.70E-02	5.38E-06	1.56E-06	5.47E-04	1.73E-07	5.02E-08	1.71E-02	5.41E-06	1.57E-06	6.31E-04	1.99E-07	5.79E-08	1.76E-02	5.56E-06	1.62E-06	2.92E-04	9.22E-08	2.68E-08
5770	488726.31, 3858505.26	1.74E-02	5.50E-06	1.60E-06	5.16E-04	1.63E-07	4.74E-08	1.75E-02	5.53E-06	1.61E-06	5.96E-04	1.88E-07	5.47E-08	1.81E-02	5.70E-06	1.66E-06	2.75E-04	8.67E-08	2.52E-08
5771	488880.6, 3858599.28	1.84E-02	5.81E-06	1.69E-06	4.77E-04	1.50E-07	4.38E-08	1.85E-02	5.83E-06	1.70E-06	5.50E-04	1.74E-07	5.05E-08	1.91E-02	6.03E-06	1.75E-06	2.53E-04	8.00E-08	2.33E-08
5772	489008.06, 3858714.75	2.10E-02	6.62E-06	1.92E-06	4.38E-04	1.38E-07	4.02E-08	2.10E-02	6.64E-06	1.93E-06	5.06E-04	1.60E-07	4.65E-08	2.18E-02	6.89E-06	2.01E-06	2.33E-04	7.35E-08	2.14E-08
5773	489071.48, 3858772.72	2.24E-02	7.09E-06	2.06E-06	4.22E-04	1.33E-07	3.87E-08	2.25E-02	7.11E-06	2.07E-06	4.87E-04	1.54E-07	4.47E-08	2.34E-02	7.39E-06	2.15E-06	2.24E-04	7.07E-08	2.06E-08
5774	489244.6, 3858920.2	2.54E-02	8.01E-06	2.33E-06	3.83E-04	1.21E-07	3.52E-08	2.55E-02	8.03E-06	2.34E-06	4.42E-04	1.40E-07	4.06E-08	2.66E-02	8.38E-06	2.44E-06	2.04E-04	6.45E-08	1.87E-08
5775	489239.69, 3858952.23	2.66E-02	8.39E-06	2.44E-06	3.78E-04	1.19E-07	3.47E-08	2.66E-02	8.41E-06	2.45E-06	4.36E-04	1.38E-07	4.00E-08	2.78E-02	8.78E-06	2.55E-06	2.01E-04	6.36E-08	1.85E-08
5776	489121.67, 3858854.49	2.51E-02	7.94E-06	2.31E-06	4.02E-04	1.27E-07	3.69E-08	2.52E-02	7.96E-06	2.31E-06	4.64E-04	1.46E-07	4.26E-08	2.63E-02	8.29E-06	2.41E-06	2.14E-04	6.75E-08	1.96E-08
5777	489059.59, 3858797.27	2.36E-02	7.45E-06	2.17E-06	4.17E-04	1.32E-07	3.83E-08	2.37E-02	7.48E-06	2.17E-06	4.81E-04	1.52E-07	4.42E-08	2.47E-02	7.78E-06	2.26E-06	2.22E-04	6.99E-08	2.03E-08
5778	488997.52, 3858740.04	2.19E-02	6.93E-06	2.01E-06	4.33E-04	1.37E-07	3.98E-08	2.20E-02	6.95E-06	2.02E-06	5.00E-04	1.58E-07	4.59E-08	2.29E-02	7.22E-06	2.10E-06	2.30E-04	7.27E-08	2.11E-08
5779	488935.44, 3858682.82	2.04E-02	6.45E-06	1.87E-06	4.50E-04	1.42E-07	4.14E-08	2.05E-02	6.47E-06	1.88E-06	5.20E-04	1.64E-07	4.77E-08	2.13E-02	6.71E-06	1.95E-06	2.39E-04	7.55E-08	2.20E-08
5780	488869.17, 3858848.43	3.02E-02	9.53E-06	2.77E-06	4.15E-04	1.31E-07	3.81E-08	3.03E-02	9.55E-06	2.78E-06	4.79E-04	1.51E-07	4.39E-08	3.16E-02	9.97E-06	2.90E-06	2.20E-04	6.95E-08	2.02E-08
5781	488932.48, 3858892.69	3.19E-02	1.01E-05	2.93E-06	4.03E-04	1.27E-07	3.70E-08	3.20E-02	1.01E-05	2.94E-06	4.65E-04	1.47E-07	4.27E-08	3.34E-02	1.05E-05	3.07E-06	2.14E-04	6.76E-08	1.97E-08
5782	489063.27, 3858977.17	3.27E-02	1.03E-05	3.00E-06	3.82E-04	1.21E-07	3.51E-08	3.28E-02	1.03E-05	3.01E-06	4.41E-04	1.39E-07	4.05E-08	3.43E-02	1.08E-05	3.15E-06	2.04E-04	6.43E-08	1.87E-08
5783	489248.2, 3859117.15	3.06E-02	9.65E-06	2.81E-06	3.52E-04	1.11E-07	3.23E-08	3.06E-02	9.66E-06	2.81E-06	4.06E-04	1.28E-07	3.73E-08	3.20E-02	1.01E-05	2.94E-06	1.89E-04	5.95E-08	1.73E-08
5784	489296.25, 3859049.22	2.80E-02	8.84E-06	2.57E-06	3.59E-04	1.13E-07	3.30E-08	2.81E-02	8.86E-06	2.58E-06	4.14E-04	1.31E-07	3.80E-08	2.93E-02	9.26E-06	2.69E-06	1.92E-04	6.06E-08	1.76E-08
5785	489353.38, 3858993.97	2.54E-02	8.01E-06	2.33E-06	3.65E-04	1.15E-07	3.35E-08	2.55E-02	8.03E-06	2.34E-06	4.21E-04	1.33E-07	3.86E-08	2.66E-02	8.38E-06	2.44E-06	1.95E-04	6.15E-08	1.79E-08
5786	489537.25, 3859120.22	2.39E-02	7.55E-06	2.20E-06	3.37E-04	1.06E-07	3.10E-08	2.40E-02	7.57E-06	2.20E-06	3.89E-04	1.23E-07	3.57E-08	2.50E-02	7.90E-06	2.30E-06	1.80E-04	5.70E-08	1.66E-08
5787	489726.98, 3859246.04	2.17E-02	6.86E-06	2.00E-06	3.12E-04	9.83E-08	2.86E-08	2.18E-02	6.88E-06	2.00E-06	3.59E-04	1.13E-07	3.30E-08	2.27E-02	7.18E-06	2.09E-06	1.67E-04	5.27E-08	1.53E-08
5788	489911.46, 3859366.33	1.94E-02	6.12E-06	1.78E-06	2.90E-04	9.16E-08	2.66E-08	1.94E-02	6.13E-06	1.78E-06	3.34E-04	1.06E-07	3.07E-08	2.03E-02	6.40E-06	1.86E-06	1.55E-04	4.91E-08	1.43E-08
5789	490035.3, 3859430.26	1.83E-02	5.76E-06	1.68E-06	2.77E-04	8.75E-08	2.54E-08	1.83E-02	5.78E-06	1.68E-06	3.20E-04	1.01E-07	2.93E-08	1.91E-02	6.03E-06	1.75E-06	1.48E-04	4.69E-08	1.36E-08
5790	490101.11, 3859458.61	1.76E-02	5.57E-06	1.62E-06	2.72E-04	8.58E-08	2.50E-08	1.77E-02	5.58E-06	1.62E-06	3.13E-04	9.89E-08	2.88E-08	1.84E-02	5.82E-06	1.69E-06	1.46E-04	4.59E-08	1.34E-08
5791	490312.68, 3859560.3	1.60E-02	5.04E-06	1.46E-06	2.55E-04	8.04E-08	2.34E-08	1.60E-02	5.05E-06	1.47E-06	2.94E-04	9.28E-08	2.70E-08	1.67E-02	5.26E-06	1.53E-06	1.36E-04	4.30E-08	1.25E-08
5792	490401.63, 3859603.12	1.53E-02	4.84E-06	1.41E-06	2.49E-04	7.85E-08	2.28E-08	1.54E-02	4.85E-06	1.41E-06	2.87E-04	9.05E-08	2.63E-08	1.60E-02	5.05E-06	1.47E-06	1.33E-04	4.19E-08	1.22E-08
5793	490490.57, 3859645.94	1.47E-02	4.65E-06	1.35E-06	2.43E-04	7.66E-08	2.23E-08	1.48E-02	4.66E-06	1.36E-06	2.80E-04	8.84E-08	2.57E-08	1.54E-02	4.86E-06	1.41E-06	1.30E-04	4.09E-08	1.19E-08
5794	490579.51, 3859688.76	1.41E-02	4.46E-06	1.30E-06	2.37E-04	7.49E-08	2.18E-08	1.42E-02	4.48E-06	1.30E-06	2.74E-04	8.64E-08	2.51E-08	1.48E-02	4.66E-06	1.36E-06	1.27E-04	4.00E-08	1.16E-08
5795	490668.45, 3859731.58	1.35E-02	4.27E-06	1.24E-06	2.33E-04	7.35E-08	2.14E-08	1.36E-02	4.28E-06	1.24E-06	2.69E-04	8.48E-08	2.47E-08	1.41E-02	4.46E-06	1.30E-06	1.24E-04	3.92E-08	1.14E-08
5796	490757.4, 3859774.4	1.31E-02	4.13E-06	1.20E-06	2.27E-04	7.17E-08	2.09E-08	1.31E-02	4.14E-06	1.20E-06	2.62E-04	8.27E-08	2.41E-08	1.37E-02	4.31E-06	1.25E-06	1.21E-04	3.82E-08	1.11E-08
5797	491003.53, 3859861.82	1.18E-02	3.73E-06	1.09E-06	2.17E-04	6.85E-08	1.99E-08	1.19E-02	3.74E-06	1.09E-06	2.50E-04	7.90E-08	2.30E-08	1.23E-02	3.89E-06	1.13E-06	1.15E-04	3.64E-08	1.06E-08
5798	491081.41, 3859879.05	1.15E-02	3.63E-06	1.06E-06	2.15E-04	6.78E-08	1.97E-08	1.15E-02	3.64E-06	1.06E-06	2.48E-04	7.82E-08	2.28E-08	1.20E-02	3.78E-06	1.10E-06	1.14E-04	3.60E-08	1.05E-08
5799	491229.76, 3859917.82	1.09E-02	3.44E-06	9.99E-07	2.10E-04	6.63E-08	1.93E-08	1.09E-02	3.45E-06	1.00E-06	2.43E-04	7.66E-08	2.23E-08	1.14E-02	3.58E-06	1.04E-06	1.12E-04	3.52E-08	1.02E-08
5800	491300.22, 3859939.35	1.06E-02	3.35E-06	9.74E-07	2.08E-04	6.55E-08	1.91E-08	1.06E-02	3.36E-06	9.77E-07	2.40E-04	7.56E-08	2.20E-08	1.11E-02	3.49E-06	1.02E-06	1.10E-04	3.48E-08	1.01E-08
5801	491350.49, 3860012.03	1.03E-02	3.25E-06	9.45E-07	1.99E-04	6.27E-08	1.82E-08	1.03E-02	3.26E-06	9.48E-07	2.29E-04	7.24E-08	2.10E-08	1.07E-02	3.39E-06	9.86E-07	1.05E-04	3.32E-08	9.67E-09
5802	491406.82, 3860092.57	9.88E-03	3.12E-06	9.07E-07	1.90E-04	6.00E-08	1.75E-08	9.91E-03	3.13E-06	9.10E-07	2.20E-04	6.93E-08	2.02E-08	1.03E-02	3.25E-06	9.46E-07	1.01E-04	3.18E-08	9.26E-09
5803	491483.37, 3860121.96	9.53E-03	3.01E-06	8.75E-07	1.88E-04	5.93E-08	1.72E-08	9.56E-03	3.02E-06	8.78E-07	2.17E-04	6.84E-08	1.99E-08	9.94E-03	3.14E-06	9.12E-07	9.95E-05	3.14E-08	9.14E-09
5804	491559.91, 3860151.36	9.20E-03	2.90E-06	8.44E-07	1.85E-04	5.85E-08	1.70E-08	9.23E-03	2.91E-06	8.47E-07	2.14E-04	6.75E-08	1.96E-08	9.59E-03	3.03E-06	8.80E-07	9.82E-05	3.10E-08	9.01E-09

5805 491711.81, 3860237.76	8.37E-03	2.64E-06	7.69E-07	1.82E-04	5.75E-08	1.67E-08	8.40E-03	2.65E-06	7.72E-07	2.11E-04	6.65E-08	1.93E-08	8.72E-03	2.75E-06	8.01E-07	9.65E-05	3.05E-08	8.86E-09
5806 491755.2, 3860319.07	8.05E-03	2.54E-06	7.39E-07	1.70E-04	5.38E-08	1.56E-08	8.08E-03	2.55E-06	7.42E-07	1.97E-04	6.21E-08	1.81E-08	8.39E-03	2.65E-06	7.70E-07	9.01E-05	2.84E-08	8.27E-09
5807 491704.71, 3860366.54	8.00E-03	2.53E-06	7.35E-07	1.67E-04	5.27E-08	1.53E-08	8.03E-03	2.53E-06	7.37E-07	1.93E-04	6.09E-08	1.77E-08	8.34E-03	2.63E-06	7.65E-07	8.83E-05	2.79E-08	8.10E-09
5808 491623.43, 3860462.39	7.80E-03	2.46E-06	7.16E-07	1.60E-04	5.07E-08	1.47E-08	7.83E-03	2.47E-06	7.18E-07	1.85E-04	5.85E-08	1.70E-08	8.13E-03	2.57E-06	7.46E-07	8.48E-05	2.68E-08	7.79E-09
5809 491534.02, 3860439.85	8.12E-03	2.56E-06	7.45E-07	1.67E-04	5.28E-08	1.54E-08	8.15E-03	2.57E-06	7.48E-07	1.93E-04	6.10E-08	1.78E-08	8.46E-03	2.67E-06	7.77E-07	8.85E-05	2.79E-08	8.12E-09
5810 491313.95, 3860268.18	9.48E-03	2.99E-06	8.70E-07	1.74E-04	5.49E-08	1.60E-08	9.51E-03	3.00E-06	8.73E-07	2.01E-04	6.35E-08	1.85E-08	9.89E-03	3.12E-06	9.08E-07	9.22E-05	2.91E-08	8.47E-09
5811 491187.12, 3860143.56	1.05E-02	3.31E-06	9.63E-07	1.86E-04	5.86E-08	1.71E-08	1.05E-02	3.32E-06	9.66E-07	2.14E-04	6.77E-08	1.97E-08	1.10E-02	3.46E-06	1.01E-06	9.85E-05	3.11E-08	9.05E-09
5812 491070.43, 3860075.97	1.12E-02	3.54E-06	1.03E-06	1.93E-04	6.09E-08	1.77E-08	1.12E-02	3.55E-06	1.03E-06	2.23E-04	7.03E-08	2.05E-08	1.17E-02	3.70E-06	1.08E-06	1.03E-04	3.24E-08	9.41E-09
5813 490995.09, 3860039.39	1.17E-02	3.68E-06	1.07E-06	1.97E-04	6.22E-08	1.81E-08	1.17E-02	3.69E-06	1.07E-06	2.27E-04	7.18E-08	2.09E-08	1.22E-02	3.84E-06	1.12E-06	1.05E-04	3.30E-08	9.61E-09
5814 490919.75, 3860002.8	1.21E-02	3.82E-06	1.11E-06	2.01E-04	6.35E-08	1.85E-08	1.21E-02	3.83E-06	1.11E-06	2.32E-04	7.33E-08	2.13E-08	1.26E-02	3.99E-06	1.16E-06	1.07E-04	3.38E-08	9.82E-09
5815 490756.81, 3859894.53	1.31E-02	4.12E-06	1.20E-06	2.14E-04	6.76E-08	1.97E-08	1.31E-02	4.13E-06	1.20E-06	2.47E-04	7.80E-08	2.27E-08	1.36E-02	4.31E-06	1.25E-06	1.14E-04	3.60E-08	1.05E-08
5816 490668.07, 3859860.92	1.36E-02	4.30E-06	1.25E-06	2.18E-04	6.88E-08	2.00E-08	1.36E-02	4.31E-06	1.25E-06	2.52E-04	7.94E-08	2.31E-08	1.42E-02	4.49E-06	1.31E-06	1.16E-04	3.67E-08	1.07E-08
5817 490579.34, 3859827.3	1.41E-02	4.46E-06	1.30E-06	2.23E-04	7.03E-08	2.04E-08	1.42E-02	4.47E-06	1.30E-06	2.57E-04	8.11E-08	2.36E-08	1.48E-02	4.66E-06	1.36E-06	1.19E-04	3.75E-08	1.09E-08
5818 490490.6, 3859793.68	1.47E-02	4.65E-06	1.35E-06	2.27E-04	7.17E-08	2.08E-08	1.48E-02	4.66E-06	1.35E-06	2.62E-04	8.27E-08	2.40E-08	1.54E-02	4.86E-06	1.41E-06	1.21E-04	3.82E-08	1.11E-08
5819 490401.86, 3859760.07	1.53E-02	4.84E-06	1.41E-06	2.32E-04	7.32E-08	2.13E-08	1.54E-02	4.85E-06	1.41E-06	2.67E-04	8.44E-08	2.45E-08	1.60E-02	5.06E-06	1.47E-06	1.24E-04	3.91E-08	1.14E-08
5820 490313.12, 3859726.45	1.59E-02	5.03E-06	1.46E-06	2.37E-04	7.49E-08	2.18E-08	1.60E-02	5.04E-06	1.47E-06	2.74E-04	8.64E-08	2.51E-08	1.67E-02	5.26E-06	1.53E-06	1.27E-04	4.01E-08	1.17E-08
5821 490224.39, 3859692.83	1.66E-02	5.23E-06	1.52E-06	2.43E-04	7.68E-08	2.24E-08	1.66E-02	5.24E-06	1.52E-06	2.81E-04	8.86E-08	2.58E-08	1.73E-02	5.47E-06	1.59E-06	1.30E-04	4.11E-08	1.20E-08
5822 490135.65, 3859659.22	1.72E-02	5.42E-06	1.58E-06	2.50E-04	7.90E-08	2.30E-08	1.72E-02	5.43E-06	1.58E-06	2.89E-04	9.11E-08	2.65E-08	1.80E-02	5.67E-06	1.65E-06	1.34E-04	4.23E-08	1.23E-08
5823 489918.19, 3859559.23	1.91E-02	6.02E-06	1.75E-06	2.70E-04	8.51E-08	2.47E-08	1.91E-02	6.03E-06	1.76E-06	3.11E-04	9.81E-08	2.85E-08	2.00E-02	6.30E-06	1.83E-06	1.45E-04	4.57E-08	1.33E-08
5824 489743.61, 3859486	2.12E-02	6.69E-06	1.95E-06	2.85E-04	8.99E-08	2.61E-08	2.12E-02	6.71E-06	1.95E-06	3.28E-04	1.04E-07	3.01E-08	2.22E-02	7.00E-06	2.04E-06	1.53E-04	4.84E-08	1.41E-08
5825 489660.32, 3859440.27	2.25E-02	7.11E-06	2.07E-06	2.93E-04	9.25E-08	2.69E-08	2.26E-02	7.13E-06	2.07E-06	3.38E-04	1.07E-07	3.10E-08	2.36E-02	7.45E-06	2.17E-06	1.58E-04	4.98E-08	1.45E-08
5826 489577.04, 3859394.53	2.41E-02	7.59E-06	2.21E-06	3.02E-04	9.52E-08	2.77E-08	2.41E-02	7.61E-06	2.21E-06	3.48E-04	1.10E-07	3.19E-08	2.52E-02	7.95E-06	2.31E-06	1.62E-04	5.13E-08	1.49E-08
5827 489493.75, 3859348.8	2.58E-02	8.15E-06	2.37E-06	3.10E-04	9.80E-08	2.85E-08	2.59E-02	8.17E-06	2.38E-06	3.58E-04	1.13E-07	3.28E-08	2.71E-02	8.54E-06	2.48E-06	1.67E-04	5.28E-08	1.53E-08
5828 489321.28, 3859240.02	3.00E-02	9.46E-06	2.75E-06	3.31E-04	1.05E-07	3.04E-08	3.00E-02	9.48E-06	2.76E-06	3.82E-04	1.20E-07	3.50E-08	3.14E-02	9.92E-06	2.88E-06	1.78E-04	5.62E-08	1.64E-08
5829 489235.41, 3859193.96	3.20E-02	1.01E-05	2.94E-06	3.41E-04	1.08E-07	3.13E-08	3.21E-02	1.01E-05	2.94E-06	3.93E-04	1.24E-07	3.61E-08	3.36E-02	1.06E-05	3.08E-06	1.83E-04	5.79E-08	1.68E-08
5830 489149.54, 3859147.89	3.49E-02	1.10E-05	3.20E-06	3.50E-04	1.10E-07	3.21E-08	3.49E-02	1.10E-05	3.21E-06	4.03E-04	1.27E-07	3.70E-08	3.66E-02	1.15E-05	3.36E-06	1.88E-04	5.92E-08	1.72E-08
5831 489063.68, 3859101.82	3.76E-02	1.19E-05	3.45E-06	3.59E-04	1.13E-07	3.30E-08	3.77E-02	1.19E-05	3.46E-06	4.14E-04	1.31E-07	3.80E-08	3.95E-02	1.25E-05	3.62E-06	1.93E-04	6.08E-08	1.77E-08
5832 488977.81, 3859055.75	4.06E-02	1.28E-05	3.73E-06	3.69E-04	1.17E-07	3.39E-08	4.07E-02	1.28E-05	3.74E-06	4.26E-04	1.34E-07	3.91E-08	4.27E-02	1.35E-05	3.92E-06	1.98E-04	6.23E-08	1.81E-08
5833 488891.94, 3859009.69	4.54E-02	1.43E-05	4.17E-06	3.77E-04	1.19E-07	3.46E-08	4.55E-02	1.44E-05	4.17E-06	4.35E-04	1.37E-07	4.00E-08	4.77E-02	1.51E-05	4.38E-06	2.02E-04	6.36E-08	1.85E-08
5834 488808, 3859060.73	5.97E-02	1.88E-05	5.48E-06	3.64E-04	1.15E-07	3.34E-08	5.97E-02	1.89E-05	5.48E-06	4.19E-04	1.32E-07	3.85E-08	6.28E-02	1.98E-05	5.76E-06	1.95E-04	6.15E-08	1.79E-08
5835 488809.93, 3859157.85	6.26E-02	1.98E-05	5.75E-06	3.43E-04	1.08E-07	3.15E-08	6.27E-02	1.98E-05	5.75E-06	3.95E-04	1.25E-07	3.62E-08	6.59E-02	2.08E-05	6.05E-06	1.85E-04	5.84E-08	1.70E-08
5836 488811.86, 3859254.96	6.50E-02	2.05E-05	5.97E-06	3.24E-04	1.02E-07	2.97E-08	6.51E-02	2.05E-05	5.98E-06	3.72E-04	1.17E-07	3.42E-08	6.84E-02	2.16E-05	6.28E-06	1.76E-04	5.57E-08	1.62E-08
5837 488813.78, 3859352.07	6.66E-02	2.10E-05	6.11E-06	3.05E-04	9.64E-08	2.80E-08	6.66E-02	2.10E-05	6.12E-06	3.51E-04	1.11E-07	3.22E-08	7.01E-02	2.21E-05	6.44E-06	1.68E-04	5.29E-08	1.54E-08
5838 488815.71, 3859449.19	6.65E-02	2.10E-05	6.10E-06	2.90E-04	9.17E-08	2.67E-08	6.65E-02	2.10E-05	6.11E-06	3.33E-04	1.05E-07	3.06E-08	7.00E-02	2.21E-05	6.42E-06	1.61E-04	5.07E-08	1.47E-08
5839 488910.04, 3859547.11	4.40E-02	1.39E-05	4.04E-06	2.81E-04	8.86E-08	2.58E-08	4.41E-02	1.39E-05	4.05E-06	3.21E-04	1.01E-07	2.95E-08	4.63E-02	1.46E-05	4.25E-06	1.57E-04	4.97E-08	1.44E-08
5840 489002.45, 3859547.91	3.81E-02	1.20E-05	3.50E-06	2.80E-04	8.85E-08	2.57E-08	3.81E-02	1.20E-05	3.50E-06	3.21E-04	1.01E-07	2.95E-08	4.00E-02	1.26E-05	3.67E-06	1.56E-04	4.93E-08	1.43E-08
5841 489094.85, 3859548.72	3.38E-02	1.07E-05	3.10E-06	2.81E-04	8.87E-08	2.58E-08	3.38E-02	1.07E-05	3.11E-06	3.22E-04	1.02E-07	2.96E-08	3.55E-02	1.12E-05	3.26E-06	1.56E-04	4.91E-08	1.43E-08
5842 489230.05, 3859601.87	2.85E-02	9.00E-06	2.62E-06	2.74E-04	8.65E-08	2.51E-08	2.85E-02	9.01E-06	2.62E-06	3.15E-04	9.93E-08	2.89E-08	2.99E-02	9.44E-06	2.75E-06	1.51E-04	4.76E-08	1.38E-08
5843 489227.52, 3859680.89	2.72E-02	8.59E-06	2.50E-06	2.62E-04	8.27E-08	2.40E-08	2.72E-02	8.60E-06	2.50E-06	3.01E-04	9.49E-08	2.76E-08	2.85E-02	9.01E-06	2.62E-06	1.45E-04	4.57E-08	1.33E-08
5844 489133.47, 3859760.29	2.78E-02	8.77E-06	2.55E-06	2.51E-04	7.91E-08	2.30E-08	2.78E-02	8.78E-06	2.55E-06	2.87E-04	9.07E-08	2.64E-08	2.91E-02	9.20E-06	2.68E-06	1.40E-04	4.41E-08	1.28E-08
5845 489041.96, 3859760.67	2.93E-02	9.26E-06	2.69E-06	2.52E-04	7.96E-08	2.32E-08	2.94E-02	9.27E-06	2.70E-06	2.89E-04	9.11E-08	2.65E-08	3.08E-02	9.71E-06	2.83E-06	1.42E-04	4.48E-08	1.30E-08
5846 488950.45, 3859761.05	3.11E-02	9.83E-06	2.86E-06	2.55E-04	8.04E-08	2.34E-08	3.12E-02	9.84E-06	2.86E-06	2.91E-04	9.18E-08	2.67E-08	3.27E-02	1.03E-05	3.00E-06	1.45E-04	4.58E-08	1.33E-08
5847 488858.94, 3859761.43	3.33E-02	1.05E-05	3.06E-06	2.59E-04	8.17E-08	2.38E-08	3.34E-02	1.05E-05	3.06E-06	2.95E-04	9.31E-08	2.71E-08	3.50E-02	1.10E-05	3.21E-06	1.50E-04	4.72E-08	1.37E-08
5848 488767.43, 3859761.82	3.63E-02	1.14E-05	3.33E-06	2.65E-04	8.35E-08	2.43E-08	3.63E-02	1.15E-05	3.33E-06	3.00E-04	9.48E-08	2.76E-08	3.81E-02	1.20E-05	3.49E-06	1.56E-04	4.92E-08	1.43E-08
5849 488675.92, 3859762.2	4.03E-02	1.27E-05	3.70E-06	2.74E-04	8.66E-08	2.52E-08	4.03E-02	1.27E-05	3.70E-06	3.10E-04	9.78E-08	2.85E-08	4.23E-02	1.33E-05	3.88E-06	1.66E-04	5.24E-08	1.53E-08
5850 488584.41, 3859762.58	4.62E-02	1.46E-05	4.24E-06	2.89E-04	9.11E-08	2.65E-08	4.62E-02	1.46E-05	4.24E-06	3.24E-04	1.02E-07	2.98E-08	4.85E-02	1.53E-05	4.45E-06	1.81E-04	5.72E-08	1.66E-08
5851 488492.9, 3859762.96	5.53E-02	1.75E-05	5.08E-06	3.03E-04	9.57E-08	2.78E-08	5.54E-02	1.75E-05	5.08E-06	3.38E-04	1.07E-07	3.11E-08	5.81E-02	1.83E-05	5.33E-06	1.97E-04	6.20E-08	1.80E-08
5852 488402.76, 3859830.95	7.13E-02	2.25E-05	6.55E-06	2.41E-04	7.62E-08	2.22E-08	7.13E-02	2.25E-05	6.55E-06	2.75E-04	8.68E-08	2.53E-08	7.51E-02	2.37E-05	6.89E-06	1.39E-04	4.40E-08	1.28E-08
5853 488404.14, 3859898.55	7.10E-02	2.24E-05	6.52E-06	2.20E-04	6.95E-08	2.02E-08	7.10E-02	2.24E-05	6.52E-06	2.53E-04	7.97E-08	2.32E-08	7.48E-02	2.36E-05	6.87E-06	1.22E-04	3.85E-08	1.12E-08
5854 488505.18, 3859964.96	5.99E-02	1.89E-05	5.50E-06	2.19E-04	6.92E-08	2.01E-08	5.99E-02	1.89E-05	5.50E-06	2.51E-04	7.92E-08	2.30E-08	6.31E-02	1.99E-05	5.79E-06	1.23E-04	3.89E-08	1.13E-08
5855 488604.85, 3859963.76	5.38E-02	1.70E-05	4.94E-06	2.24E-04	7.08E-08	2.06E-08	5.39E-02	1.70E-05	4.95E-06	2.56E-04	8.09E-08	2.35E-08	5.67E-02	1.79E-05	5.20E-06	1.27E-04	4.02E-08	1.17E-08
5856 488704.51, 3859962.56	4.89E-02	1.54E-05	4.49E-06	2.27E-04	7.16E-08	2.08E-08	4.90E-02	1.54E-05	4.49E-06	2.59E-04	8.18E-08	2.38E-08	5.15E-02	1.62E-05	4.73E-06	1.29E-04	4.08E-08	1.19E-08
5857 488804.18, 3859961.37	4.35E-02	1.37E-05	3.99E-06	2.28E-04	7.19E-08	2.09E-08	4.35E-02	1.37E-05	3.99E-06	2.60E-04	8.22E-08	2.39E-08	4.57E-02	1.44E-05	4.20E-06	1.29E-04	4.08E-08	1.19E-08
5858 488903.85, 3859960.17	3.79E-02	1.20E-05	3.48E-06	2.28E-04	7.18E-08	2.09E-08	3.80E-02	1.20E-05	3.48E-06	2.60E-04	8.22E-08	2.39E-08	3.99E-02	1.26E-05	3.66E-06	1.28E-04	4.05E-08	1.18E-08
5859 489003.52, 3859958.97	3.38E-02	1.07E-05	3.10E-06	2.27E-04	7.15E-08	2.08E-08	3.38E-02	1.07E-05	3.10E-06	2.59E-04	8.19E-08	2.38E-08	3.55E-02	1.12E-05	3.26E-06	1.27E-04	4.00E-08	1.16E-08
5860 489103.18, 3859957.77	3.07E-02	9.68E-06	2.81E-06	2.25E-04	7.12E-08	2.07E-08	3.07E-02	9.69E-06	2.82E-06	2.58E-04	8.16E-08	2.37E-08	3.22E-02	1.02E-05	2.96E-06	1.25E-04	3.95E-08	1.15E-08
5861 489201.48, 3860046.59	2.99E-02	9.45E-06	2.75E-06	2.14E-04	6.76E-08	1.97E-08	3.00E-02	9.46E-06	2.75E-06	2.46E-04	7.77E-08	2.26E-08	3.15E-02	9.93E-06	2.89E-06	1.18E-04	3.72E-08	1.08E-08
5862 489200.11, 3860136.61	3.21E-02	1.01E-05	2.94E-06	2.04E-04	6.44E-08	1.87E-08	3.21E-02	1.01E-05	2.95E-06	2.34E-04	7.40E-08	2.15E-08	3.37E-02	1.06E-05	3.09E-06	1.12E-04	3.52E-08	1.03E-08
5863 489198.74, 3860226.63	3.82E-02	1.20E-05	3.50E-06	1.95E-04	6.15E-08	1.79E-08	3.82E-02	1.21E-05	3.51E-06	2.24E-04	7.07E-08	2.06E-08	4.02E-02	1.27E-05	3.69E-06	1.06E-04	3.35E-08	9.75E-09
5864 489197.38, 3860316.66	5.58E-02	1.76E-05	5.13E-06	1.86E-04	5.86E-08	1.70E-08	5.59E-02	1.76E-05	5.13E-06	2.14E-04	6.74E-08	1.96E-08	5.88E-02	1.86E-05	5.40E-06	1.01E-04	3.18E-08	9.26E-09
5865 489196.01, 3860406.68	5.83E-02	1.84E-05	5.35E-06	1.77E-04	5.59E-08	1.63E-08	5.83E-02	1.84E-05	5.35E-06	2.04E-04	6.44E-08	1.87E-08	6.14E-02	1.94E-05	5.64E-06	9.56E-05	3.02E-08	8.78E-09
5866 489194.64, 3860496.7	5.33E-02	1.68E-05	4.89E-06	1.68E-04	5.31E-08	1.55E-08	5.33E-02	1.68E-05	4.89E-06	1.94E-04	6.13E-08	1.78E-08	5.61E-02	1.77E-05	5.15E-06	9.03E-05	2.85E-08	8.29E-09
5867 489193.27, 3860586.72	3.48E-02	1.10E-05	3.20E-06	1.61E-04	5.08E-08	1.48E-08	3.48E-02	1.10E-05	3.20E-06	1.86E-04	5.86E-08	1.70E-08	3.67E-02	1.16E-05	3.37E-06	8.59E-05	2.71E-08	7.88E-09
5868 489092.02, 3860678.13	2.03E-02	6.42E-06	1.87E-06	1.53E-04	4.83E-08	1.41E-08	2.04E-02	6.43E-06	1.87E-06	1.77E-04	5.58E-08	1.62E-08	2.14E-02	6.75E-06	1.96E-06	8.14E-05	2.57E-08	7.47E-09
5869 488992.13, 3860679.53	2.07E-02	6.53E-06	1.90E-06	1.52E-04	4.80E-08	1.40E-08	2.07E-02	6.53E-06	1.90E-06	1.76E-04	5.55E-08	1.61E-08	2.17E-02	6.86E-06	2.00E-06	8.10E-05	2.56E-08	7.43E-09
5870 488892.25, 3860680.92	2.08E-02	6.56E-06	1.91E-06	1.51E-04	4.77E-08	1.39E-08	2.08E-02	6.57E-06	1.91E-06	1.75E-04	5.51E-08	1.60E-08	2.19E-02	6.90E-06	2.01E-06	8.04E-05	2.54E-08	7.39E-09

5871 488792.36, 3860682.31	2.06E-02	6.50E-06	1.89E-06	1.50E-04	4.73E-08	1.37E-08	2.06E-02	6.50E-06	1.89E-06	1.73E-04	5.46E-08	1.59E-08	2.16E-02	6.83E-06	1.99E-06	7.96E-05	2.51E-08	7.31E-09
5872 488692.48, 3860683.7	2.03E-02	6.42E-06	1.87E-06	1.48E-04	4.68E-08	1.36E-08	2.04E-02	6.43E-06	1.87E-06	1.71E-04	5.41E-08	1.57E-08	2.14E-02	6.75E-06	1.96E-06	7.88E-05	2.49E-08	7.24E-09
5873 488592.59, 3860685.1	1.96E-02	6.20E-06	1.80E-06	1.46E-04	4.62E-08	1.34E-08	1.97E-02	6.20E-06	1.80E-06	1.69E-04	5.33E-08	1.55E-08	2.06E-02	6.51E-06	1.89E-06	7.78E-05	2.45E-08	7.14E-09
5874 488492.71, 3860686.49	1.94E-02	6.12E-06	1.78E-06	1.46E-04	4.60E-08	1.34E-08	1.94E-02	6.13E-06	1.78E-06	1.68E-04	5.31E-08	1.55E-08	2.04E-02	6.43E-06	1.87E-06	7.75E-05	2.45E-08	7.12E-09
5875 488299.07, 3860762.18	1.36E-02	4.30E-06	1.25E-06	1.42E-04	4.48E-08	1.30E-08	1.37E-02	4.31E-06	1.25E-06	1.64E-04	5.17E-08	1.50E-08	1.43E-02	4.52E-06	1.31E-06	7.51E-05	2.37E-08	6.90E-09
5876 488205.32, 3860764.09	1.29E-02	4.09E-06	1.19E-06	1.40E-04	4.43E-08	1.29E-08	1.30E-02	4.09E-06	1.19E-06	1.62E-04	5.12E-08	1.49E-08	1.36E-02	4.29E-06	1.25E-06	7.44E-05	2.35E-08	6.83E-09
5877 488111.56, 3860766	1.21E-02	3.81E-06	1.11E-06	1.39E-04	4.39E-08	1.28E-08	1.21E-02	3.81E-06	1.11E-06	1.61E-04	5.07E-08	1.47E-08	1.26E-02	3.99E-06	1.16E-06	7.36E-05	2.32E-08	6.76E-09
5878 488017.81, 3860767.91	1.11E-02	3.51E-06	1.02E-06	1.38E-04	4.35E-08	1.26E-08	1.11E-02	3.52E-06	1.02E-06	1.59E-04	5.02E-08	1.46E-08	1.16E-02	3.68E-06	1.07E-06	7.29E-05	2.30E-08	6.69E-09
5879 487924.06, 3860769.81	1.03E-02	3.25E-06	9.46E-07	1.37E-04	4.32E-08	1.26E-08	1.03E-02	3.26E-06	9.48E-07	1.58E-04	4.99E-08	1.45E-08	1.08E-02	3.40E-06	9.90E-07	7.24E-05	2.29E-08	6.65E-09
5880 487830.31, 3860771.72	9.61E-03	3.03E-06	8.82E-07	1.36E-04	4.30E-08	1.25E-08	9.63E-03	3.04E-06	8.84E-07	1.58E-04	4.97E-08	1.45E-08	1.01E-02	3.17E-06	9.23E-07	7.20E-05	2.27E-08	6.61E-09
5881 487736.55, 3860773.63	9.03E-03	2.85E-06	8.29E-07	1.36E-04	4.29E-08	1.25E-08	9.06E-03	2.86E-06	8.32E-07	1.57E-04	4.95E-08	1.44E-08	9.45E-03	2.98E-06	8.68E-07	7.17E-05	2.26E-08	6.58E-09
5882 487642.8, 3860775.54	8.55E-03	2.70E-06	7.85E-07	1.36E-04	4.28E-08	1.24E-08	8.57E-03	2.71E-06	7.87E-07	1.57E-04	4.95E-08	1.44E-08	8.94E-03	2.82E-06	8.21E-07	7.15E-05	2.26E-08	6.56E-09
5883 487549.48, 3860684.71	9.33E-03	2.94E-06	8.56E-07	1.40E-04	4.43E-08	1.29E-08	9.35E-03	2.95E-06	8.59E-07	1.62E-04	5.12E-08	1.49E-08	9.76E-03	3.08E-06	8.96E-07	7.40E-05	2.33E-08	6.79E-09
5884 487549.91, 3860591.97	1.08E-02	3.42E-06	9.96E-07	1.45E-04	4.57E-08	1.33E-08	1.09E-02	3.43E-06	9.98E-07	1.67E-04	5.28E-08	1.54E-08	1.14E-02	3.59E-06	1.04E-06	7.64E-05	2.41E-08	7.01E-09
5885 487550.34, 3860499.23	1.26E-02	3.99E-06	1.16E-06	1.50E-04	4.74E-08	1.38E-08	1.27E-02	3.99E-06	1.16E-06	1.74E-04	5.48E-08	1.59E-08	1.32E-02	4.18E-06	1.22E-06	7.94E-05	2.50E-08	7.29E-09
5886 487550.76, 3860406.49	1.41E-02	4.46E-06	1.30E-06	1.57E-04	4.94E-08	1.44E-08	1.41E-02	4.46E-06	1.30E-06	1.81E-04	5.71E-08	1.66E-08	1.48E-02	4.67E-06	1.36E-06	8.28E-05	2.61E-08	7.60E-09
5887 487551.19, 3860313.75	1.52E-02	4.79E-06	1.39E-06	1.63E-04	5.14E-08	1.49E-08	1.52E-02	4.79E-06	1.39E-06	1.88E-04	5.93E-08	1.73E-08	1.59E-02	5.02E-06	1.46E-06	8.62E-05	2.72E-08	7.91E-09
5888 487551.62, 3860221.01	1.61E-02	5.08E-06	1.48E-06	1.70E-04	5.35E-08	1.56E-08	1.61E-02	5.09E-06	1.48E-06	1.96E-04	6.18E-08	1.80E-08	1.69E-02	5.33E-06	1.55E-06	8.98E-05	2.84E-08	8.25E-09
5889 487552.05, 3860128.27	1.73E-02	5.45E-06	1.58E-06	1.78E-04	5.61E-08	1.63E-08	1.73E-02	5.46E-06	1.59E-06	2.05E-04	6.48E-08	1.88E-08	1.81E-02	5.72E-06	1.66E-06	9.42E-05	2.97E-08	8.65E-09
5890 487552.48, 3860035.53	1.83E-02	5.78E-06	1.68E-06	1.86E-04	5.87E-08	1.71E-08	1.83E-02	5.79E-06	1.68E-06	2.15E-04	6.78E-08	1.97E-08	1.92E-02	6.06E-06	1.76E-06	9.87E-05	3.12E-08	9.06E-09
5891 487552.91, 3859942.79	1.90E-02	6.00E-06	1.75E-06	1.94E-04	6.11E-08	1.78E-08	1.91E-02	6.01E-06	1.75E-06	2.24E-04	7.06E-08	2.05E-08	2.00E-02	6.30E-06	1.83E-06	1.03E-04	3.25E-08	9.44E-09
5892 487553.33, 3859850.05	2.04E-02	6.45E-06	1.88E-06	2.04E-04	6.43E-08	1.87E-08	2.05E-02	6.46E-06	1.88E-06	2.35E-04	7.42E-08	2.16E-08	2.15E-02	6.77E-06	1.97E-06	1.08E-04	3.42E-08	9.93E-09
5893 487553.76, 3859757.31	2.21E-02	6.98E-06	2.03E-06	2.13E-04	6.73E-08	1.96E-08	2.21E-02	6.99E-06	2.03E-06	2.46E-04	7.76E-08	2.26E-08	2.32E-02	7.33E-06	2.13E-06	1.13E-04	3.58E-08	1.04E-08
5894 487554.19, 3859664.57	2.50E-02	7.89E-06	2.30E-06	2.23E-04	7.05E-08	2.05E-08	2.50E-02	7.90E-06	2.30E-06	2.58E-04	8.13E-08	2.37E-08	2.62E-02	8.28E-06	2.41E-06	1.19E-04	3.75E-08	1.09E-08
5895 487460.2, 3859571.05	2.86E-02	9.04E-06	2.63E-06	2.32E-04	7.32E-08	2.13E-08	2.87E-02	9.05E-06	2.63E-06	2.68E-04	8.45E-08	2.46E-08	3.01E-02	9.49E-06	2.76E-06	1.23E-04	3.89E-08	1.13E-08
5896 487365.78, 3859570.27	2.65E-02	8.36E-06	2.43E-06	2.30E-04	7.26E-08	2.11E-08	2.65E-02	8.38E-06	2.44E-06	2.66E-04	8.38E-08	2.44E-08	2.78E-02	8.78E-06	2.55E-06	1.22E-04	3.85E-08	1.12E-08
5897 487271.36, 3859569.48	2.46E-02	7.77E-06	2.26E-06	2.28E-04	7.19E-08	2.09E-08	2.47E-02	7.78E-06	2.26E-06	2.63E-04	8.30E-08	2.41E-08	2.59E-02	8.16E-06	2.37E-06	1.21E-04	3.81E-08	1.11E-08
5898 487176.94, 3859568.7	2.27E-02	7.17E-06	2.09E-06	2.25E-04	7.11E-08	2.07E-08	2.28E-02	7.18E-06	2.09E-06	2.60E-04	8.22E-08	2.39E-08	2.38E-02	7.52E-06	2.19E-06	1.19E-04	3.76E-08	1.10E-08
5899 487082.51, 3859567.92	2.09E-02	6.59E-06	1.92E-06	2.24E-04	7.06E-08	2.05E-08	2.09E-02	6.60E-06	1.92E-06	2.59E-04	8.16E-08	2.37E-08	2.19E-02	6.91E-06	2.01E-06	1.18E-04	3.74E-08	1.09E-08
5900 486988.09, 3859567.14	1.90E-02	6.00E-06	1.74E-06	2.23E-04	7.04E-08	2.05E-08	1.90E-02	6.01E-06	1.75E-06	2.58E-04	8.13E-08	2.36E-08	1.99E-02	6.28E-06	1.83E-06	1.18E-04	3.72E-08	1.08E-08
5901 486893.67, 3859566.36	1.72E-02	5.44E-06	1.58E-06	2.23E-04	7.03E-08	2.05E-08	1.73E-02	5.45E-06	1.59E-06	2.58E-04	8.13E-08	2.36E-08	1.81E-02	5.70E-06	1.66E-06	1.18E-04	3.71E-08	1.08E-08
5902 486799.25, 3859565.58	1.56E-02	4.93E-06	1.43E-06	2.23E-04	7.05E-08	2.05E-08	1.57E-02	4.94E-06	1.44E-06	2.58E-04	8.14E-08	2.37E-08	1.63E-02	5.16E-06	1.50E-06	1.18E-04	3.72E-08	1.08E-08
5903 486704.83, 3859564.79	1.42E-02	4.48E-06	1.30E-06	2.24E-04	7.07E-08	2.06E-08	1.42E-02	4.49E-06	1.31E-06	2.59E-04	8.17E-08	2.38E-08	1.48E-02	4.68E-06	1.36E-06	1.18E-04	3.73E-08	1.08E-08
5904 486610.41, 3859564.01	1.29E-02	4.08E-06	1.19E-06	2.25E-04	7.10E-08	2.07E-08	1.30E-02	4.09E-06	1.19E-06	2.60E-04	8.21E-08	2.39E-08	1.35E-02	4.26E-06	1.24E-06	1.18E-04	3.74E-08	1.09E-08
5905 486515.99, 3859563.23	1.18E-02	3.72E-06	1.08E-06	2.25E-04	7.11E-08	2.07E-08	1.18E-02	3.74E-06	1.09E-06	2.61E-04	8.22E-08	2.39E-08	1.23E-02	3.89E-06	1.13E-06	1.19E-04	3.74E-08	1.09E-08
5906 486421.57, 3859562.45	1.09E-02	3.43E-06	9.98E-07	2.27E-04	7.15E-08	2.08E-08	1.09E-02	3.44E-06	1.00E-06	2.62E-04	8.27E-08	2.41E-08	1.13E-02	3.58E-06	1.04E-06	1.19E-04	3.76E-08	1.09E-08
5907 486327.14, 3859561.67	1.01E-02	3.19E-06	9.27E-07	2.28E-04	7.21E-08	2.10E-08	1.01E-02	3.20E-06	9.31E-07	2.64E-04	8.33E-08	2.42E-08	1.05E-02	3.32E-06	9.65E-07	1.20E-04	3.79E-08	1.10E-08
5908 486232.72, 3859560.89	9.39E-03	2.96E-06	8.62E-07	2.29E-04	7.23E-08	2.10E-08	9.43E-03	2.98E-06	8.66E-07	2.65E-04	8.36E-08	2.43E-08	9.77E-03	3.08E-06	8.97E-07	1.20E-04	3.80E-08	1.11E-08
5909 486138.3, 3859560.1	8.77E-03	2.77E-06	8.05E-07	2.30E-04	7.24E-08	2.11E-08	8.81E-03	2.78E-06	8.09E-07	2.65E-04	8.38E-08	2.44E-08	9.12E-03	2.88E-06	8.37E-07	1.21E-04	3.81E-08	1.11E-08
5910 486043.88, 3859559.32	8.21E-03	2.59E-06	7.53E-07	2.29E-04	7.24E-08	2.11E-08	8.24E-03	2.60E-06	7.57E-07	2.65E-04	8.37E-08	2.43E-08	8.52E-03	2.69E-06	7.82E-07	1.20E-04	3.80E-08	1.11E-08
5911 485949.35, 3859463.54	8.25E-03	2.60E-06	7.57E-07	2.41E-04	7.59E-08	2.21E-08	8.29E-03	2.62E-06	7.61E-07	2.78E-04	8.78E-08	2.55E-08	8.56E-03	2.70E-06	7.86E-07	1.26E-04	3.99E-08	1.16E-08
5912 485949.24, 3859368.55	8.89E-03	2.80E-06	8.16E-07	2.53E-04	8.00E-08	2.33E-08	8.93E-03	2.82E-06	8.20E-07	2.93E-04	9.25E-08	2.69E-08	9.22E-03	2.91E-06	8.46E-07	1.33E-04	4.20E-08	1.22E-08
5913 485949.12, 3859273.55	9.61E-03	3.03E-06	8.82E-07	2.68E-04	8.45E-08	2.46E-08	9.65E-03	3.05E-06	8.86E-07	3.09E-04	9.77E-08	2.84E-08	9.97E-03	3.15E-06	9.15E-07	1.41E-04	4.44E-08	1.29E-08
5914 485949.01, 3859178.56	1.04E-02	3.28E-06	9.54E-07	2.83E-04	8.93E-08	2.60E-08	1.04E-02	3.30E-06	9.59E-07	3.27E-04	1.03E-07	3.00E-08	1.08E-02	3.41E-06	9.91E-07	1.49E-04	4.69E-08	1.36E-08
5915 485948.9, 3859083.56	1.12E-02	3.55E-06	1.03E-06	3.00E-04	9.48E-08	2.76E-08	1.13E-02	3.56E-06	1.04E-06	3.47E-04	1.10E-07	3.19E-08	1.17E-02	3.68E-06	1.07E-06	1.58E-04	4.98E-08	1.45E-08
5916 485948.79, 3858988.56	1.20E-02	3.79E-06	1.10E-06	3.18E-04	1.01E-07	2.92E-08	1.21E-02	3.80E-06	1.11E-06	3.68E-04	1.16E-07	3.38E-08	1.25E-02	3.93E-06	1.14E-06	1.67E-04	5.28E-08	1.53E-08
5917 485948.67, 3858893.57	1.26E-02	3.98E-06	1.16E-06	3.38E-04	1.07E-07	3.10E-08	1.27E-02	3.99E-06	1.16E-06	3.91E-04	1.23E-07	3.59E-08	1.31E-02	4.13E-06	1.20E-06	1.77E-04	5.60E-08	1.63E-08
5918 485948.56, 3858798.57	1.30E-02	4.10E-06	1.19E-06	3.61E-04	1.14E-07	3.31E-08	1.30E-02	4.11E-06	1.20E-06	4.18E-04	1.32E-07	3.83E-08	1.35E-02	4.25E-06	1.24E-06	1.89E-04	5.98E-08	1.74E-08
5919 485948.45, 3858703.58	1.32E-02	4.17E-06	1.21E-06	3.83E-04	1.21E-07	3.51E-08	1.33E-02	4.19E-06	1.22E-06	4.43E-04	1.40E-07	4.07E-08	1.37E-02	4.33E-06	1.26E-06	2.01E-04	6.34E-08	1.84E-08
5920 485948.34, 3858608.58	1.35E-02	4.25E-06	1.24E-06	4.09E-04	1.29E-07	3.76E-08	1.35E-02	4.27E-06	1.24E-06	4.74E-04	1.49E-07	4.35E-08	1.40E-02	4.41E-06	1.28E-06	2.15E-04	6.77E-08	1.97E-08
5921 485948.22, 3858513.59	1.38E-02	4.35E-06	1.26E-06	4.39E-04	1.38E-07	4.03E-08	1.38E-02	4.37E-06	1.27E-06	5.08E-04	1.60E-07	4.66E-08	1.43E-02	4.50E-06	1.31E-06	2.30E-04	7.25E-08	2.11E-08
5922 485948.11, 3858418.59	1.42E-02	4.47E-06	1.30E-06	4.70E-04	1.48E-07	4.32E-08	1.43E-02	4.50E-06	1.31E-06	5.44E-04	1.72E-07	5.00E-08	1.47E-02	4.63E-06	1.35E-06	2.46E-04	7.77E-08	2.26E-08
5923 485948, 3858323.59	1.47E-02	4.63E-06	1.35E-06	5.08E-04	1.60E-07	4.67E-08	1.48E-02	4.66E-06	1.35E-06	5.88E-04	1.86E-07	5.40E-08	1.52E-02	4.79E-06	1.39E-06	2.66E-04	8.39E-08	2.44E-08
5924 485947.89, 3858228.6	1.52E-02	4.80E-06	1.40E-06	5.48E-04	1.73E-07	5.03E-08	1.53E-02	4.83E-06	1.40E-06	6.34E-04	2.00E-07	5.82E-08	1.57E-02	4.96E-06	1.44E-06	2.86E-04	9.04E-08	2.63E-08
5925 485947.77, 3858133.6	1.57E-02	4.97E-06	1.44E-06	5.91E-04	1.87E-07	5.43E-08	1.58E-02	5.00E-06	1.45E-06	6.85E-04	2.16E-07	6.28E-08	1.62E-02	5.13E-06	1.49E-06	3.09E-04	9.76E-08	2.84E-08
5926 485947.66, 3858038.61	1.64E-02	5.17E-06	1.50E-06	6.49E-04	2.05E-07	5.95E-08	1.65E-02	5.21E-06	1.51E-06	7.51E-04	2.37E-07	6.89E-08	1.69E-02	5.33E-06	1.55E-06	3.39E-04	1.07E-07	3.11E-08
5927 485854.54, 3857943.35	1.60E-02	5.04E-06	1.47E-06	6.90E-04	2.18E-07	6.33E-08	1.61E-02	5.08E-06	1.48E-06	7.98E-04	2.52E-07	7.33E-08	1.64E-02	5.19E-06	1.51E-06	3.60E-04	1.14E-07	3.31E-08
5928 485761.52, 3857943.09	1.46E-02	4.60E-06	1.34E-06	6.75E-04	2.13E-07	6.19E-08	1.47E-02	4.64E-06	1.35E-06	7.81E-04	2.46E-07	7.17E-08	1.50E-02	4.73E-06	1.37E-06	3.52E-04	1.11E-07	3.23E-08
5929 485668.51, 3857942.83	1.35E-02	4.26E-06	1.24E-06	6.62E-04	2.09E-07	6.08E-08	1.36E-02	4.30E-06	1.25E-06	7.67E-04	2.42E-07	7.04E-08	1.38E-02	4.37E-06	1.27E-06	3.46E-04	1.09E-07	3.17E-08
5930 485575.5, 3857942.56	1.26E-02	3.99E-06	1.16E-06	6.47E-04	2.04E-07	5.94E-08	1.27E-02	4.02E-06	1.17E-06	7.49E-04	2.36E-07	6.87E-08	1.29E-02	4.08E-06	1.19E-06	3.38E-04	1.07E-07	3.10E-08
5931 485482.48, 3857942.3	1.19E-02	3.76E-06	1.09E-06	6.35E-04	2.00E-07	5.83E-08	1.20E-02	3.79E-06	1.10E-06	7.35E-04	2.32E-07	6.75E-08	1.22E-02	3.84E-06	1.12E-06	3.31E-04	1.05E-07	3.04E-08
5932 485389.47, 3857942.04	1.13E-02	3.56E-06	1.04E-06	6.23E-04	1.97E-07	5.72E-08	1.14E-02	3.59E-06	1.05E-06	7.21E-04	2.28E-07	6.62E-08	1.15E-02	3.64E-06	1.06E-06	3.25E-04	1.03E-07	2.98E-08
5933 485296.46, 3857941.78	1.07E-02	3.39E-06	9.85E-07	6.12E-04	1.93E-07	5.61E-08	1.08E-02	3.42E-06	9.95E-07	7.08E-04	2.23E-07	6.50E-08	1.09E-02	3.46E-06	1.00E-06	3.19E-04	1.01E-07	2.93E-08
5934 485203.45, 3857941.52	1.02E-02	3.23E-06	9.40E-07	6.03E-04	1.90E-07	5.53E-08	1.03E-02	3.26E-06	9.49E-07	6.98E-04	2.20E-07	6.40E-08	1.04E-02	3.29E-06	9.58E-07	3.14E-04	9.92E-08	2.89E-08
5935 485110.43, 3857941.26	9.81E-03	3.10E-06	9.00E-07	5.91E-04	1.86E-07	5.42E-08	9.91E-03	3.13E-06	9.10E-07	6.84E-04	2.16E-07	6.28E-08	9.99E-03	3.15E-06	9.17E-07	3.08E-04	9.73E-08	2.83E-08
5936 485017.42, 3857940.99	9.42E-03	2.97E-06	8.65E-07	5.78E-04	1.82E-07	5.30E-08	9.52E-03	3.00E-06	8.74E-07	6.69E-04	2.11E-07	6.14E-08	9.58E-03	3.02E-06	8.80E-07	3.01E-04	9.51E-08	2.77E-08

5937	484924.41, 3857940.73	9.05E-03	2.86E-06	8.31E-07	5.65E-04	1.78E-07	5.19E-08	9.15E-03	2.89E-06	8.40E-07	6.54E-04	2.06E-07	6.00E-08	9.20E-03	2.90E-06	8.45E-07	2.95E-04	9.30E-08	2.71E-08
5938	484831.39, 3857940.47	8.70E-03	2.74E-06	7.98E-07	5.54E-04	1.75E-07	5.08E-08	8.79E-03	2.77E-06	8.07E-07	6.41E-04	2.02E-07	5.89E-08	8.84E-03	2.79E-06	8.11E-07	2.89E-04	9.12E-08	2.65E-08
5939	484738.12, 3857859.3	9.07E-03	2.86E-06	8.32E-07	5.71E-04	1.80E-07	5.24E-08	9.17E-03	2.89E-06	8.41E-07	6.61E-04	2.08E-07	6.06E-08	9.22E-03	2.91E-06	8.46E-07	2.98E-04	9.39E-08	2.73E-08
5940	484737.85, 3857778.4	9.96E-03	3.14E-06	9.14E-07	6.02E-04	1.90E-07	5.53E-08	1.01E-02	3.18E-06	9.24E-07	6.97E-04	2.20E-07	6.40E-08	1.01E-02	3.20E-06	9.31E-07	3.14E-04	9.91E-08	2.88E-08
5941	484737.59, 3857697.49	1.11E-02	3.51E-06	1.02E-06	6.34E-04	2.00E-07	5.82E-08	1.12E-02	3.54E-06	1.03E-06	7.34E-04	2.32E-07	6.74E-08	1.13E-02	3.58E-06	1.04E-06	3.31E-04	1.04E-07	3.04E-08
5942	484737.32, 3857616.59	1.27E-02	4.01E-06	1.17E-06	6.66E-04	2.10E-07	6.11E-08	1.28E-02	4.05E-06	1.18E-06	7.71E-04	2.43E-07	7.07E-08	1.30E-02	4.10E-06	1.19E-06	3.47E-04	1.10E-07	3.19E-08
5943	484645.53, 3857535.18	1.40E-02	4.41E-06	1.28E-06	6.79E-04	2.14E-07	6.24E-08	1.41E-02	4.44E-06	1.29E-06	7.87E-04	2.48E-07	7.22E-08	1.43E-02	4.52E-06	1.31E-06	3.54E-04	1.12E-07	3.25E-08
5944	484553.99, 3857534.67	1.31E-02	4.14E-06	1.20E-06	6.57E-04	2.07E-07	6.03E-08	1.32E-02	4.18E-06	1.21E-06	7.60E-04	2.40E-07	6.98E-08	1.34E-02	4.24E-06	1.23E-06	3.43E-04	1.08E-07	3.14E-08
5945	484462.46, 3857534.17	1.24E-02	3.90E-06	1.14E-06	6.37E-04	2.01E-07	5.85E-08	1.25E-02	3.94E-06	1.15E-06	7.37E-04	2.33E-07	6.77E-08	1.27E-02	4.00E-06	1.16E-06	3.32E-04	1.05E-07	3.05E-08
5946	484370.93, 3857533.66	1.17E-02	3.69E-06	1.07E-06	6.16E-04	1.95E-07	5.66E-08	1.18E-02	3.73E-06	1.08E-06	7.14E-04	2.25E-07	6.55E-08	1.20E-02	3.78E-06	1.10E-06	3.22E-04	1.01E-07	2.95E-08
5947	484279.4, 3857533.16	1.11E-02	3.49E-06	1.02E-06	5.97E-04	1.89E-07	5.48E-08	1.12E-02	3.53E-06	1.03E-06	6.91E-04	2.18E-07	6.35E-08	1.13E-02	3.57E-06	1.04E-06	3.12E-04	9.83E-08	2.86E-08
5948	484187.86, 3857532.65	1.05E-02	3.31E-06	9.64E-07	5.78E-04	1.82E-07	5.30E-08	1.06E-02	3.34E-06	9.73E-07	6.69E-04	2.11E-07	6.14E-08	1.07E-02	3.38E-06	9.84E-07	3.01E-04	9.51E-08	2.77E-08
5949	484096.33, 3857532.15	9.86E-03	3.11E-06	9.05E-07	5.60E-04	1.77E-07	5.14E-08	9.96E-03	3.14E-06	9.14E-07	6.48E-04	2.05E-07	5.95E-08	1.01E-02	3.18E-06	9.24E-07	2.92E-04	9.22E-08	2.68E-08
5950	484004.8, 3857531.64	9.39E-03	2.96E-06	8.62E-07	5.40E-04	1.71E-07	4.96E-08	9.48E-03	2.99E-06	8.70E-07	6.25E-04	1.97E-07	5.74E-08	9.58E-03	3.02E-06	8.79E-07	2.82E-04	8.90E-08	2.59E-08
5951	483913.27, 3857531.14	9.02E-03	2.85E-06	8.28E-07	5.20E-04	1.64E-07	4.77E-08	9.11E-03	2.87E-06	8.36E-07	6.02E-04	1.90E-07	5.52E-08	9.20E-03	2.90E-06	8.44E-07	2.71E-04	8.56E-08	2.49E-08
5952	483821.73, 3857530.63	8.57E-03	2.70E-06	7.86E-07	5.02E-04	1.59E-07	4.61E-08	8.65E-03	2.73E-06	7.94E-07	5.81E-04	1.83E-07	5.34E-08	8.73E-03	2.76E-06	8.01E-07	2.62E-04	8.27E-08	2.41E-08
5953	483729.61, 3857450.11	8.95E-03	2.83E-06	8.22E-07	5.03E-04	1.59E-07	4.62E-08	9.04E-03	2.85E-06	8.30E-07	5.83E-04	1.84E-07	5.35E-08	9.14E-03	2.88E-06	8.39E-07	2.63E-04	8.29E-08	2.41E-08
5954	483729.03, 3857370.08	9.81E-03	3.10E-06	9.00E-07	5.24E-04	1.65E-07	4.81E-08	9.90E-03	3.12E-06	9.09E-07	6.06E-04	1.91E-07	5.57E-08	1.00E-02	3.17E-06	9.21E-07	2.73E-04	8.63E-08	2.51E-08
5955	483728.44, 3857290.06	1.10E-02	3.47E-06	1.01E-06	5.42E-04	1.71E-07	4.97E-08	1.11E-02	3.50E-06	1.02E-06	6.27E-04	1.98E-07	5.76E-08	1.13E-02	3.56E-06	1.03E-06	2.83E-04	8.93E-08	2.60E-08
5956	483727.86, 3857210.03	1.26E-02	3.97E-06	1.15E-06	5.60E-04	1.77E-07	5.14E-08	1.27E-02	4.00E-06	1.16E-06	6.48E-04	2.04E-07	5.95E-08	1.29E-02	4.08E-06	1.19E-06	2.92E-04	9.22E-08	2.68E-08
5957	483641.15, 3857129.07	1.29E-02	4.06E-06	1.18E-06	5.58E-04	1.76E-07	5.12E-08	1.30E-02	4.09E-06	1.19E-06	6.46E-04	2.04E-07	5.93E-08	1.32E-02	4.18E-06	1.21E-06	2.91E-04	9.19E-08	2.67E-08
5958	483555.03, 3857128.14	1.15E-02	3.64E-06	1.06E-06	5.36E-04	1.69E-07	4.93E-08	1.16E-02	3.67E-06	1.07E-06	6.21E-04	1.96E-07	5.70E-08	1.18E-02	3.74E-06	1.09E-06	2.80E-04	8.84E-08	2.57E-08
5959	483468.91, 3857127.2	1.06E-02	3.35E-06	9.74E-07	5.12E-04	1.62E-07	4.70E-08	1.07E-02	3.38E-06	9.82E-07	5.93E-04	1.87E-07	5.44E-08	1.09E-02	3.43E-06	9.99E-07	2.68E-04	8.45E-08	2.46E-08
5960	483382.78, 3857126.26	9.62E-03	3.04E-06	8.84E-07	4.95E-04	1.56E-07	4.54E-08	9.71E-03	3.06E-06	8.91E-07	5.73E-04	1.81E-07	5.26E-08	9.85E-03	3.11E-06	9.04E-07	2.58E-04	8.16E-08	2.37E-08
5961	483296.66, 3857125.32	8.86E-03	2.80E-06	8.13E-07	4.76E-04	1.50E-07	4.37E-08	8.94E-03	2.82E-06	8.21E-07	5.51E-04	1.74E-07	5.06E-08	9.05E-03	2.86E-06	8.31E-07	2.49E-04	7.85E-08	2.28E-08
5962	483210.54, 3857124.39	8.20E-03	2.59E-06	7.53E-07	4.57E-04	1.44E-07	4.20E-08	8.28E-03	2.61E-06	7.60E-07	5.29E-04	1.67E-07	4.86E-08	8.37E-03	2.64E-06	7.69E-07	2.39E-04	7.54E-08	2.19E-08
5963	483123.4, 3857030.96	8.16E-03	2.58E-06	7.49E-07	4.53E-04	1.43E-07	4.16E-08	8.24E-03	2.60E-06	7.56E-07	5.25E-04	1.66E-07	4.82E-08	8.33E-03	2.63E-06	7.65E-07	2.37E-04	7.47E-08	2.17E-08
5964	483122.38, 3856938.46	8.70E-03	2.75E-06	7.99E-07	4.68E-04	1.48E-07	4.30E-08	8.78E-03	2.77E-06	8.06E-07	5.42E-04	1.71E-07	4.98E-08	8.89E-03	2.81E-06	8.17E-07	2.45E-04	7.72E-08	2.25E-08
5965	483121.35, 3856845.97	9.21E-03	2.91E-06	8.46E-07	4.84E-04	1.53E-07	4.44E-08	9.30E-03	2.93E-06	8.53E-07	5.60E-04	1.77E-07	5.14E-08	9.42E-03	2.97E-06	8.65E-07	2.53E-04	7.97E-08	2.32E-08
5966	483120.33, 3856753.47	9.89E-03	3.12E-06	9.08E-07	4.95E-04	1.56E-07	4.54E-08	9.98E-03	3.15E-06	9.16E-07	5.73E-04	1.81E-07	5.26E-08	1.01E-02	3.20E-06	9.30E-07	2.58E-04	8.16E-08	2.37E-08
5967	483119.31, 3856660.98	1.05E-02	3.33E-06	9.67E-07	5.06E-04	1.60E-07	4.65E-08	1.06E-02	3.35E-06	9.75E-07	5.86E-04	1.85E-07	5.38E-08	1.08E-02	3.41E-06	9.92E-07	2.65E-04	8.35E-08	2.43E-08
5968	483118.29, 3856568.49	1.10E-02	3.48E-06	1.01E-06	5.21E-04	1.64E-07	4.78E-08	1.11E-02	3.50E-06	1.02E-06	6.02E-04	1.90E-07	5.53E-08	1.13E-02	3.57E-06	1.04E-06	2.72E-04	8.59E-08	2.50E-08
5969	483117.26, 3856475.99	1.13E-02	3.58E-06	1.04E-06	5.36E-04	1.69E-07	4.92E-08	1.14E-02	3.61E-06	1.05E-06	6.20E-04	1.96E-07	5.70E-08	1.16E-02	3.67E-06	1.07E-06	2.80E-04	8.85E-08	2.57E-08
5970	483116.24, 3856383.5	1.18E-02	3.71E-06	1.08E-06	5.50E-04	1.74E-07	5.05E-08	1.19E-02	3.74E-06	1.09E-06	6.37E-04	2.01E-07	5.85E-08	1.21E-02	3.81E-06	1.11E-06	2.88E-04	9.08E-08	2.64E-08
5971	483115.22, 3856291.01	1.22E-02	3.84E-06	1.12E-06	5.64E-04	1.78E-07	5.18E-08	1.23E-02	3.88E-06	1.13E-06	6.53E-04	2.06E-07	6.00E-08	1.25E-02	3.95E-06	1.15E-06	2.95E-04	9.32E-08	2.71E-08
5972	483114.2, 3856198.51	1.28E-02	4.05E-06	1.18E-06	5.75E-04	1.82E-07	5.28E-08	1.29E-02	4.08E-06	1.19E-06	6.66E-04	2.10E-07	6.11E-08	1.32E-02	4.16E-06	1.21E-06	3.01E-04	9.51E-08	2.77E-08
5973	483113.17, 3856106.02	1.30E-02	4.11E-06	1.20E-06	5.90E-04	1.86E-07	5.42E-08	1.31E-02	4.15E-06	1.21E-06	6.83E-04	2.16E-07	6.27E-08	1.34E-02	4.23E-06	1.23E-06	3.09E-04	9.76E-08	2.84E-08
5974	483112.15, 3856013.52	1.38E-02	4.37E-06	1.27E-06	5.98E-04	1.89E-07	5.49E-08	1.40E-02	4.40E-06	1.28E-06	6.92E-04	2.18E-07	6.35E-08	1.42E-02	4.50E-06	1.31E-06	3.13E-04	9.89E-08	2.88E-08
5975	483029.25, 3855920.47	1.26E-02	3.97E-06	1.16E-06	5.72E-04	1.81E-07	5.25E-08	1.27E-02	4.00E-06	1.16E-06	6.62E-04	2.09E-07	6.08E-08	1.29E-02	4.08E-06	1.19E-06	2.99E-04	9.45E-08	2.75E-08
5976	482947.37, 3855919.91	1.10E-02	3.48E-06	1.01E-06	5.43E-04	1.71E-07	4.99E-08	1.11E-02	3.51E-06	1.02E-06	6.28E-04	1.98E-07	5.77E-08	1.13E-02	3.57E-06	1.04E-06	2.84E-04	8.96E-08	2.61E-08
5977	482865.49, 3855919.36	9.96E-03	3.14E-06	9.14E-07	5.15E-04	1.63E-07	4.73E-08	1.00E-02	3.17E-06	9.22E-07	5.96E-04	1.88E-07	5.47E-08	1.02E-02	3.22E-06	9.35E-07	2.69E-04	8.50E-08	2.47E-08
5978	482783.61, 3855918.8	8.90E-03	2.81E-06	8.17E-07	4.92E-04	1.55E-07	4.52E-08	8.98E-03	2.83E-06	8.25E-07	5.70E-04	1.80E-07	5.23E-08	9.08E-03	2.87E-06	8.34E-07	2.57E-04	8.12E-08	2.36E-08
5979	482700.33, 3855818.39	8.56E-03	2.70E-06	7.86E-07	4.68E-04	1.48E-07	4.30E-08	8.64E-03	2.73E-06	7.93E-07	5.42E-04	1.71E-07	4.97E-08	8.74E-03	2.76E-06	8.03E-07	2.45E-04	7.72E-08	2.25E-08
5980	482698.92, 3855718.54	9.07E-03	2.86E-06	8.33E-07	4.68E-04	1.48E-07	4.30E-08	9.15E-03	2.89E-06	8.40E-07	5.42E-04	1.71E-07	4.97E-08	9.29E-03	2.93E-06	8.53E-07	2.45E-04	7.72E-08	2.25E-08
5981	482697.52, 3855618.68	9.78E-03	3.09E-06	8.98E-07	4.65E-04	1.47E-07	4.27E-08	9.86E-03	3.11E-06	9.06E-07	5.39E-04	1.70E-07	4.94E-08	1.00E-02	3.17E-06	9.22E-07	2.43E-04	7.67E-08	2.23E-08
5982	482696.11, 3855518.83	9.51E-03	3.00E-06	8.73E-07	4.65E-04	1.47E-07	4.27E-08	9.59E-03	3.03E-06	8.80E-07	5.38E-04	1.70E-07	4.94E-08	9.75E-03	3.08E-06	8.95E-07	2.43E-04	7.66E-08	2.23E-08
5983	482694.71, 3855418.98	9.29E-03	2.93E-06	8.53E-07	4.58E-04	1.45E-07	4.20E-08	9.37E-03	2.96E-06	8.60E-07	5.30E-04	1.67E-07	4.87E-08	9.52E-03	3.01E-06	8.74E-07	2.39E-04	7.55E-08	2.20E-08
5984	482693.3, 3855319.13	8.76E-03	2.77E-06	8.04E-07	4.49E-04	1.42E-07	4.12E-08	8.84E-03	2.79E-06	8.12E-07	5.20E-04	1.64E-07	4.77E-08	8.97E-03	2.83E-06	8.24E-07	2.34E-04	7.40E-08	2.15E-08
5985	482691.9, 3855219.27	7.81E-03	2.46E-06	7.17E-07	4.41E-04	1.39E-07	4.05E-08	7.88E-03	2.49E-06	7.24E-07	5.10E-04	1.61E-07	4.69E-08	7.97E-03	2.51E-06	7.32E-07	2.30E-04	7.27E-08	2.12E-08
5986	482690.49, 3855119.42	7.25E-03	2.29E-06	6.66E-07	4.30E-04	1.36E-07	3.94E-08	7.33E-03	2.31E-06	6.73E-07	4.97E-04	1.57E-07	4.56E-08	7.39E-03	2.33E-06	6.78E-07	2.25E-04	7.10E-08	2.06E-08
5987	482689.09, 3855019.57	6.05E-03	1.91E-06	5.56E-07	4.21E-04	1.33E-07	3.86E-08	6.12E-03	1.93E-06	5.62E-07	4.87E-04	1.54E-07	4.47E-08	6.12E-03	1.93E-06	5.62E-07	2.21E-04	6.96E-08	2.02E-08
5988	482687.68, 3854919.72	4.72E-03	1.49E-06	4.33E-07	4.06E-04	1.28E-07	3.72E-08	4.79E-03	1.51E-06	4.40E-07	4.69E-04	1.48E-07	4.31E-08	4.73E-03	1.49E-06	4.34E-07	2.13E-04	6.71E-08	1.95E-08
5989	482686.28, 3854819.86	3.53E-03	1.11E-06	3.24E-07	3.89E-04	1.23E-07	3.57E-08	3.59E-03	1.13E-06	3.30E-07	4.50E-04	1.42E-07	4.13E-08	3.48E-03	1.10E-06	3.19E-07	2.04E-04	6.44E-08	1.87E-08
5990	482684.88, 3854720.01	2.90E-03	9.16E-07	2.67E-07	3.67E-04	1.16E-07	3.37E-08	2.97E-03	9.36E-07	2.72E-07	4.25E-04	1.34E-07	3.90E-08	2.84E-03	8.95E-07	2.60E-07	1.92E-04	6.06E-08	1.76E-08
5991	482683.47, 3854620.16	2.43E-03	7.66E-07	2.23E-07	3.47E-04	1.09E-07	3.18E-08	2.49E-03	7.85E-07	2.28E-07	4.01E-04	1.27E-07	3.68E-08	2.35E-03	7.40E-07	2.15E-07	1.81E-04	5.72E-08	1.66E-08
5992	482682.07, 3854520.31	2.14E-03	6.75E-07	1.96E-07	3.26E-04	1.03E-07	2.99E-08	2.19E-03	6.93E-07	2.01E-07	3.77E-04	1.19E-07	3.47E-08	2.05E-03	6.48E-07	1.89E-07	1.70E-04	5.38E-08	1.56E-08
5993	482680.66, 3854420.45	1.93E-03	6.10E-07	1.77E-07	3.09E-04	9.74E-08	2.83E-08	1.99E-03	6.27E-07	1.82E-07	3.57E-04	1.13E-07	3.28E-08	1.85E-03	5.83E-07	1.70E-07	1.61E-04	5.09E-08	1.48E-08
5994	482679.26, 3854320.6	1.78E-03	5.60E-07	1.63E-07	2.94E-04	9.28E-08	2.70E-08	1.83E-03	5.76E-07	1.68E-07	3.40E-04	1.07E-07	3.12E-08	1.69E-03	5.34E-07	1.55E-07	1.53E-04	4.84E-08	1.41E-08
5995	482677.85, 3854220.75	1.60E-03	5.06E-07	1.47E-07	2.84E-04	8.95E-08	2.60E-08	1.65E-03	5.21E-07	1.52E-07	3.28E-04	1.04E-07	3.01E-08	1.51E-03	4.78E-07	1.39E-07	1.48E-04	4.67E-08	1.36E-08
5996	482676.45, 3854120.9	1.52E-03	4.81E-07	1.40E-07	2.67E-04	8.43E-08	2.45E-08	1.57E-03	4.95E-07	1.44E-07	3.09E-04	9.76E-08	2.84E-08	1.44E-03	4.55E-07	1.32E-07	1.39E-04	4.40E-08	1.28E-08
5997	482675.04, 3854021.04	1.43E-03	4.53E-07	1.32E-07	2.50E-04	7.88E-08	2.29E-08	1.48E-03	4.66E-07	1.36E-07	2.89E-04	9.12E-08	2.65E-08	1.36E-03	4.29E-07	1.25E-07	1.30E-04	4.11E-08	1.20E-08
5998	482673.64, 3853921.19	1.35E-03	4.27E-07	1.24E-07	2.30E-04	7.27E-08	2.11E-08	1.39E-03	4.39E-07	1.28E-07	2.67E-04	8.41E-08	2.45E-08	1.28E-03	4.05E-07	1.18E-07	1.20E-04	3.79E-08	1.10E-08
5999	482672.23, 3853821.34	1.26E-03	3.98E-07	1.16E-07	2.12E-04	6.71E-08	1.95E-08	1.30E-03	4.09E-07	1.19E-07	2.46E-04	7.76E-08	2.26E-08	1.20E-03	3.78E-07	1.10E-07	1.11E-04	3.50E-08	1.02E-08
6000	482670.83, 3853721.49	1.18E-03	3.72E-07	1.08E-07	1.96E-04	6.19E-08	1.80E-08	1.21E-03	3.83E-07	1.11E-07	2.27E-04	7.17E-08	2.08E-08	1.12E-03	3.54E-07	1.03E-07	1.02E-04	3.23E-08	9.40E-09
6001	482669.42, 3853621.63	1.11E-03	3.51E-07	1.02E-07	1.83E-04	5.78E-08	1.68E-08	1.14E-03	3.61E-07	1.05E-07	2.12E-04	6.69E-08	1.95E-08	1.06E-03	3.35E-07	9.74E-08	9.56E-05	3.02E-08	8.78E-09
6002	482645.99, 3853446.13	1.02E-03	3.21E-07	9.34E-08	1.72E-04	5.41E-08	1.57E-08	1.05E-03	3.30E-07	9.61E-08	1.99E-04	6.27E-08	1.82E-08	9.67E-04	3.05E-07	8.88E-08	8.96E-05	2.83E-08	8.22E-09

6003 482623.97, 3853370.49	9.84E-04	3.11E-07	9.04E-08	1.69E-04	5.34E-08	1.55E-08	1.01E-03	3.20E-07	9.30E-08	1.96E-04	6.18E-08	1.80E-08	9.33E-04	2.95E-07	8.57E-08	8.84E-05	2.79E-08	8.11E-09
6004 482601.94, 3853294.84	9.54E-04	3.01E-07	8.76E-08	1.68E-04	5.32E-08	1.55E-08	9.83E-04	3.10E-07	9.02E-08	1.95E-04	6.15E-08	1.79E-08	9.02E-04	2.85E-07	8.28E-08	8.79E-05	2.78E-08	8.07E-09
6005 482531.29, 3853133.44	8.91E-04	2.81E-07	8.18E-08	1.66E-04	5.24E-08	1.52E-08	9.19E-04	2.90E-07	8.44E-08	1.92E-04	6.07E-08	1.76E-08	8.37E-04	2.64E-07	7.68E-08	8.67E-05	2.74E-08	7.96E-09
6006 482482.68, 3853047.69	8.57E-04	2.70E-07	7.86E-08	1.64E-04	5.18E-08	1.51E-08	8.85E-04	2.79E-07	8.12E-08	1.90E-04	5.99E-08	1.74E-08	8.02E-04	2.53E-07	7.36E-08	8.56E-05	2.70E-08	7.86E-09
6007 482383.09, 3852897.4	8.06E-04	2.54E-07	7.40E-08	1.58E-04	4.97E-08	1.45E-08	8.33E-04	2.63E-07	7.65E-08	1.82E-04	5.75E-08	1.67E-08	7.53E-04	2.38E-07	6.91E-08	8.22E-05	2.59E-08	7.55E-09
6008 482265.64, 3852765.26	7.63E-04	2.41E-07	7.00E-08	1.49E-04	4.71E-08	1.37E-08	7.88E-04	2.49E-07	7.24E-08	1.73E-04	5.45E-08	1.58E-08	7.12E-04	2.25E-07	6.54E-08	7.78E-05	2.46E-08	7.14E-09
6009 482199.16, 3852697.66	7.42E-04	2.34E-07	6.81E-08	1.45E-04	4.56E-08	1.33E-08	7.66E-04	2.42E-07	7.04E-08	1.67E-04	5.28E-08	1.54E-08	6.92E-04	2.19E-07	6.36E-08	7.55E-05	2.38E-08	6.93E-09
6010 482132.69, 3852630.07	7.21E-04	2.28E-07	6.62E-08	1.40E-04	4.43E-08	1.29E-08	7.45E-04	2.35E-07	6.84E-08	1.63E-04	5.13E-08	1.49E-08	6.73E-04	2.13E-07	6.18E-08	7.33E-05	2.31E-08	6.73E-09
6011 482066.21, 3852562.48	7.02E-04	2.22E-07	6.45E-08	1.36E-04	4.31E-08	1.25E-08	7.26E-04	2.29E-07	6.66E-08	1.58E-04	4.99E-08	1.45E-08	6.56E-04	2.07E-07	6.02E-08	7.12E-05	2.25E-08	6.54E-09
6012 481999.74, 3852494.89	6.86E-04	2.16E-07	6.29E-08	1.33E-04	4.18E-08	1.22E-08	7.08E-04	2.24E-07	6.50E-08	1.53E-04	4.84E-08	1.41E-08	6.41E-04	2.02E-07	5.89E-08	6.92E-05	2.18E-08	6.35E-09
6013 481933.26, 3852427.29	6.71E-04	2.12E-07	6.16E-08	1.29E-04	4.06E-08	1.18E-08	6.93E-04	2.19E-07	6.36E-08	1.49E-04	4.71E-08	1.37E-08	6.27E-04	1.98E-07	5.76E-08	6.72E-05	2.12E-08	6.17E-09
6014 481866.79, 3852359.7	6.55E-04	2.07E-07	6.01E-08	1.25E-04	3.96E-08	1.15E-08	6.76E-04	2.13E-07	6.21E-08	1.45E-04	4.58E-08	1.33E-08	6.13E-04	1.93E-07	5.63E-08	6.55E-05	2.07E-08	6.01E-09
6015 481800.31, 3852292.11	6.39E-04	2.02E-07	5.87E-08	1.22E-04	3.86E-08	1.12E-08	6.60E-04	2.08E-07	6.06E-08	1.42E-04	4.47E-08	1.30E-08	5.99E-04	1.89E-07	5.49E-08	6.38E-05	2.01E-08	5.86E-09
6016 481733.84, 3852224.52	6.26E-04	1.98E-07	5.75E-08	1.19E-04	3.76E-08	1.09E-08	6.46E-04	2.04E-07	5.93E-08	1.38E-04	4.35E-08	1.27E-08	5.86E-04	1.85E-07	5.38E-08	6.22E-05	1.96E-08	5.71E-09
6017 481667.36, 3852156.92	6.12E-04	1.93E-07	5.61E-08	1.16E-04	3.67E-08	1.07E-08	6.32E-04	1.99E-07	5.80E-08	1.35E-04	4.25E-08	1.24E-08	5.73E-04	1.81E-07	5.26E-08	6.07E-05	1.92E-08	5.57E-09
6018 481600.89, 3852089.33	6.02E-04	1.90E-07	5.53E-08	1.13E-04	3.57E-08	1.04E-08	6.22E-04	1.96E-07	5.71E-08	1.31E-04	4.14E-08	1.20E-08	5.65E-04	1.78E-07	5.18E-08	5.91E-05	1.87E-08	5.43E-09
6019 481534.41, 3852021.74	5.94E-04	1.88E-07	5.46E-08	1.10E-04	3.48E-08	1.01E-08	6.13E-04	1.94E-07	5.63E-08	1.28E-04	4.03E-08	1.17E-08	5.58E-04	1.76E-07	5.13E-08	5.76E-05	1.82E-08	5.28E-09
6020 481467.94, 3851954.15	5.86E-04	1.85E-07	5.38E-08	1.07E-04	3.39E-08	9.87E-09	6.04E-04	1.91E-07	5.55E-08	1.24E-04	3.93E-08	1.14E-08	5.51E-04	1.74E-07	5.06E-08	5.61E-05	1.77E-08	5.15E-09
6021 481401.46, 3851886.55	5.75E-04	1.82E-07	5.28E-08	1.05E-04	3.31E-08	9.63E-09	5.93E-04	1.87E-07	5.45E-08	1.21E-04	3.83E-08	1.11E-08	5.42E-04	1.71E-07	4.97E-08	5.48E-05	1.73E-08	5.03E-09
6022 481265.87, 3851761.43	5.60E-04	1.77E-07	5.14E-08	9.96E-05	3.14E-08	9.15E-09	5.77E-04	1.82E-07	5.30E-08	1.15E-04	3.64E-08	1.06E-08	5.29E-04	1.67E-07	4.86E-08	5.20E-05	1.64E-08	4.78E-09
6023 481196.74, 3851703.89	5.52E-04	1.74E-07	5.07E-08	9.70E-05	3.06E-08	8.91E-09	5.69E-04	1.79E-07	5.22E-08	1.12E-04	3.54E-08	1.03E-08	5.22E-04	1.65E-07	4.79E-08	5.07E-05	1.60E-08	4.65E-09
6024 481076.33, 3851619.05	5.40E-04	1.71E-07	4.96E-08	9.24E-05	2.92E-08	8.48E-09	5.56E-04	1.76E-07	5.11E-08	1.07E-04	3.38E-08	9.82E-09	5.12E-04	1.62E-07	4.70E-08	4.83E-05	1.52E-08	4.43E-09
6025 480939.8, 3851549.07	5.27E-04	1.66E-07	4.84E-08	8.69E-05	2.74E-08	7.97E-09	5.42E-04	1.71E-07	4.97E-08	1.01E-04	3.17E-08	9.23E-09	5.01E-04	1.58E-07	4.60E-08	4.54E-05	1.43E-08	4.17E-09
6026 480854.56, 3851506.41	5.18E-04	1.64E-07	4.76E-08	8.34E-05	2.63E-08	7.66E-09	5.32E-04	1.68E-07	4.89E-08	9.66E-05	3.05E-08	8.87E-09	4.95E-04	1.56E-07	4.54E-08	4.36E-05	1.38E-08	4.00E-09
6027 480769.32, 3851463.75	5.09E-04	1.61E-07	4.67E-08	8.02E-05	2.53E-08	7.36E-09	5.22E-04	1.65E-07	4.80E-08	9.28E-05	2.93E-08	8.52E-09	4.87E-04	1.54E-07	4.47E-08	4.19E-05	1.32E-08	3.85E-09
6028 480684.08, 3851421.08	5.00E-04	1.58E-07	4.59E-08	7.70E-05	2.43E-08	7.07E-09	5.13E-04	1.62E-07	4.71E-08	8.91E-05	2.81E-08	8.18E-09	4.79E-04	1.51E-07	4.40E-08	4.03E-05	1.27E-08	3.70E-09
6029 480598.84, 3851378.42	4.93E-04	1.56E-07	4.53E-08	7.40E-05	2.34E-08	6.79E-09	5.06E-04	1.60E-07	4.65E-08	8.57E-05	2.70E-08	7.86E-09	4.74E-04	1.50E-07	4.35E-08	3.87E-05	1.22E-08	3.55E-09
6030 480435.71, 3851275.01	4.78E-04	1.51E-07	4.39E-08	6.92E-05	2.18E-08	6.35E-09	4.90E-04	1.55E-07	4.50E-08	8.01E-05	2.53E-08	7.35E-09	4.61E-04	1.46E-07	4.23E-08	3.62E-05	1.14E-08	3.32E-09
6031 480347.85, 3851232.36	4.72E-04	1.49E-07	4.34E-08	6.65E-05	2.10E-08	6.11E-09	4.84E-04	1.53E-07	4.44E-08	7.70E-05	2.43E-08	7.07E-09	4.57E-04	1.44E-07	4.19E-08	3.48E-05	1.10E-08	3.20E-09
6032 480260, 3851189.72	4.67E-04	1.47E-07	4.28E-08	6.41E-05	2.02E-08	5.88E-09	4.78E-04	1.51E-07	4.39E-08	7.41E-05	2.34E-08	6.81E-09	4.52E-04	1.43E-07	4.15E-08	3.35E-05	1.06E-08	3.08E-09
6033 480172.15, 3851147.07	4.61E-04	1.45E-07	4.23E-08	6.18E-05	1.95E-08	5.68E-09	4.71E-04	1.49E-07	4.33E-08	7.15E-05	2.26E-08	6.57E-09	4.47E-04	1.41E-07	4.11E-08	3.24E-05	1.02E-08	2.97E-09
6034 480084.29, 3851104.42	4.54E-04	1.43E-07	4.17E-08	5.97E-05	1.89E-08	5.48E-09	4.65E-04	1.47E-07	4.27E-08	6.91E-05	2.18E-08	6.34E-09	4.42E-04	1.40E-07	4.06E-08	3.13E-05	9.87E-09	2.87E-09
6035 479996.44, 3851061.77	4.48E-04	1.41E-07	4.11E-08	5.78E-05	1.83E-08	5.31E-09	4.58E-04	1.44E-07	4.20E-08	6.69E-05	2.11E-08	6.14E-09	4.36E-04	1.38E-07	4.00E-08	3.03E-05	9.56E-09	2.78E-09
6036 479908.58, 3851019.13	4.35E-04	1.37E-07	3.99E-08	5.61E-05	1.77E-08	5.15E-09	4.44E-04	1.40E-07	4.08E-08	6.49E-05	2.05E-08	5.96E-09	4.23E-04	1.34E-07	3.89E-08	2.94E-05	9.27E-09	2.70E-09
6037 479820.73, 3850976.48	4.29E-04	1.35E-07	3.94E-08	5.45E-05	1.72E-08	5.00E-09	4.38E-04	1.38E-07	4.03E-08	6.30E-05	1.99E-08	5.79E-09	4.19E-04	1.32E-07	3.84E-08	2.85E-05	9.01E-09	2.62E-09
6038 479732.88, 3850933.83	4.25E-04	1.34E-07	3.90E-08	5.31E-05	1.67E-08	4.87E-09	4.34E-04	1.37E-07	3.98E-08	6.14E-05	1.94E-08	5.64E-09	4.15E-04	1.31E-07	3.81E-08	2.78E-05	8.77E-09	2.55E-09
6039 479645.02, 3850891.18	4.21E-04	1.33E-07	3.87E-08	5.18E-05	1.63E-08	4.75E-09	4.30E-04	1.36E-07	3.95E-08	5.99E-05	1.89E-08	5.50E-09	4.12E-04	1.30E-07	3.78E-08	2.71E-05	8.56E-09	2.49E-09
6040 479557.17, 3850848.54	4.19E-04	1.32E-07	3.85E-08	5.06E-05	1.60E-08	4.64E-09	4.28E-04	1.35E-07	3.93E-08	5.85E-05	1.85E-08	5.37E-09	4.10E-04	1.29E-07	3.77E-08	2.65E-05	8.37E-09	2.43E-09
6041 479469.32, 3850805.89	4.13E-04	1.30E-07	3.79E-08	4.95E-05	1.56E-08	4.55E-09	4.21E-04	1.33E-07	3.87E-08	5.73E-05	1.81E-08	5.26E-09	4.04E-04	1.28E-07	3.71E-08	2.60E-05	8.19E-09	2.38E-09
6042 479381.46, 3850763.24	4.13E-04	1.30E-07	3.79E-08	4.86E-05	1.53E-08	4.46E-09	4.21E-04	1.33E-07	3.87E-08	5.62E-05	1.77E-08	5.16E-09	4.05E-04	1.28E-07	3.72E-08	2.55E-05	8.04E-09	2.34E-09
6043 479293.61, 3850720.59	4.16E-04	1.31E-07	3.82E-08	4.77E-05	1.51E-08	4.38E-09	4.24E-04	1.34E-07	3.89E-08	5.52E-05	1.74E-08	5.07E-09	4.09E-04	1.29E-07	3.75E-08	2.50E-05	7.90E-09	2.30E-09
6044 479205.76, 3850677.95	4.17E-04	1.32E-07	3.83E-08	4.70E-05	1.48E-08	4.32E-09	4.25E-04	1.34E-07	3.90E-08	5.44E-05	1.72E-08	4.99E-09	4.10E-04	1.30E-07	3.77E-08	2.46E-05	7.78E-09	2.26E-09
6045 479117.9, 3850635.3	4.20E-04	1.32E-07	3.85E-08	4.63E-05	1.46E-08	4.25E-09	4.28E-04	1.35E-07	3.93E-08	5.36E-05	1.69E-08	4.92E-09	4.14E-04	1.31E-07	3.80E-08	2.43E-05	7.66E-09	2.23E-09
6046 479030.05, 3850592.65	4.20E-04	1.32E-07	3.85E-08	4.56E-05	1.44E-08	4.19E-09	4.27E-04	1.35E-07	3.92E-08	5.28E-05	1.67E-08	4.85E-09	4.14E-04	1.31E-07	3.80E-08	2.39E-05	7.55E-09	2.20E-09
6047 478942.19, 3850550	4.13E-04	1.30E-07	3.79E-08	4.50E-05	1.42E-08	4.14E-09	4.21E-04	1.33E-07	3.86E-08	5.21E-05	1.64E-08	4.78E-09	4.08E-04	1.29E-07	3.74E-08	2.36E-05	7.45E-09	2.17E-09
6048 478854.34, 3850507.36	3.96E-04	1.25E-07	3.64E-08	4.39E-05	1.39E-08	4.03E-09	4.03E-04	1.27E-07	3.70E-08	5.08E-05	1.60E-08	4.66E-09	3.90E-04	1.23E-07	3.58E-08	2.30E-05	7.27E-09	2.11E-09
6049 478766.49, 3850464.71	3.88E-04	1.23E-07	3.56E-08	4.32E-05	1.36E-08	3.97E-09	3.96E-04	1.25E-07	3.63E-08	5.00E-05	1.58E-08	4.59E-09	3.82E-04	1.21E-07	3.51E-08	2.27E-05	7.15E-09	2.08E-09
6050 478678.63, 3850422.06	3.83E-04	1.21E-07	3.52E-08	4.27E-05	1.35E-08	3.92E-09	3.90E-04	1.23E-07	3.58E-08	4.94E-05	1.56E-08	4.53E-09	3.77E-04	1.19E-07	3.46E-08	2.24E-05	7.07E-09	2.06E-09
6051 478590.78, 3850379.41	3.76E-04	1.19E-07	3.46E-08	4.22E-05	1.33E-08	3.87E-09	3.84E-04	1.21E-07	3.52E-08	4.88E-05	1.54E-08	4.48E-09	3.70E-04	1.17E-07	3.40E-08	2.21E-05	6.99E-09	2.03E-09
6052 478502.93, 3850336.77	3.72E-04	1.17E-07	3.42E-08	4.18E-05	1.32E-08	3.84E-09	3.79E-04	1.20E-07	3.48E-08	4.83E-05	1.53E-08	4.44E-09	3.66E-04	1.16E-07	3.36E-08	2.19E-05	6.92E-09	2.01E-09
6053 478415.07, 3850294.12	3.69E-04	1.17E-07	3.39E-08	4.15E-05	1.31E-08	3.81E-09	3.76E-04	1.19E-07	3.46E-08	4.80E-05	1.51E-08	4.40E-09	3.63E-04	1.15E-07	3.34E-08	2.17E-05	6.86E-09	2.00E-09
6054 478327.22, 3850251.47	3.62E-04	1.14E-07	3.32E-08	4.11E-05	1.30E-08	3.77E-09	3.69E-04	1.16E-07	3.39E-08	4.75E-05	1.50E-08	4.36E-09	3.56E-04	1.12E-07	3.27E-08	2.15E-05	6.80E-09	1.98E-09
6055 478239.36, 3850208.82	3.56E-04	1.12E-07	3.27E-08	4.06E-05	1.28E-08	3.73E-09	3.63E-04	1.15E-07	3.33E-08	4.70E-05	1.48E-08	4.32E-09	3.50E-04	1.10E-07	3.21E-08	2.13E-05	6.73E-09	1.96E-09
6056 478151.51, 3850166.18	3.51E-04	1.11E-07	3.22E-08	4.03E-05	1.27E-08	3.70E-09	3.58E-04	1.13E-07	3.28E-08	4.66E-05	1.47E-08	4.28E-09	3.45E-04	1.09E-07	3.16E-08	2.11E-05	6.67E-09	1.94E-09
6057 478063.66, 3850123.53	3.46E-04	1.09E-07	3.18E-08	4.00E-05	1.26E-08	3.67E-09	3.53E-04	1.11E-07	3.24E-08	4.62E-05	1.46E-08	4.25E-09	3.40E-04	1.07E-07	3.12E-08	2.10E-05	6.62E-09	1.93E-09
6058 477975.8, 3850080.88	3.55E-04	1.12E-07	3.26E-08	3.99E-05	1.26E-08	3.66E-09	3.62E-04	1.14E-07	3.32E-08	4.61E-05	1.46E-08	4.23E-09	3.50E-04	1.10E-07	3.21E-08	2.09E-05	6.60E-09	1.92E-09
6059 477887.95, 3850038.23	3.54E-04	1.12E-07	3.25E-08	3.96E-05	1.25E-08	3.64E-09	3.60E-04	1.14E-07	3.31E-08	4.58E-05	1.45E-08	4.21E-09	3.48E-04	1.10E-07	3.19E-08	2.08E-05	6.56E-09	1.91E-09
6060 477800.1, 3849995.59	3.53E-04	1.11E-07	3.24E-08	3.93E-05	1.24E-08	3.61E-09	3.60E-04	1.14E-07	3.30E-08	4.55E-05	1.44E-08	4.18E-09	3.48E-04	1.10E-07	3.19E-08	2.06E-05	6.51E-09	1.89E-09
6061 477712.24, 3849952.94	3.48E-04	1.10E-07	3.20E-08	3.90E-05	1.23E-08	3.58E-09	3.55E-04	1.12E-07	3.26E-08	4.51E-05	1.42E-08	4.14E-09	3.43E-04	1.08E-07	3.15E-08	2.05E-05	6.46E-09	1.88E-09
6062 477624.39, 3849910.29	3.43E-04	1.08E-07	3.15E-08	3.87E-05	1.22E-08	3.55E-09	3.50E-04	1.10E-07	3.21E-08	4.47E-05	1.41E-08	4.11E-09	3.38E-04	1.07E-07	3.10E-08	2.03E-05	6.40E-09	1.86E-09
6063 477536.54, 3849867.64	3.39E-04	1.07E-07	3.11E-08	3.83E-05	1.21E-08	3.52E-09	3.46E-04	1.09E-07	3.17E-08	4.44E-05	1.40E-08	4.07E-09	3.34E-04	1.05E-07	3.06E-08	2.01E-05	6.35E-09	1.85E-09
6064 477448.68, 3849825	3.32E-04	1.05E-07	3.05E-08	3.80E-05	1.20E-08	3.49E-09	3.39E-04	1.07E-07	3.11E-08	4.39E-05	1.39E-08	4.03E-09	3.27E-04	1.03E-07	3.00E-08	1.99E-05	6.29E-09	1.83E-09
6065 477360.83, 3849782.35	3.26E-04	1.03E-07	2.99E-08	3.76E-05	1.19E-08	3.46E-09	3.32E-04	1.05E-07	3.05E-08	4.35E-05	1.37E-08	4.00E-09	3.20E-04	1.01E-07	2.94E-08	1.97E-05	6.23E-09	1.81E-09
6066 477272.97, 3849739.7	3.19E-04	1.01E-07	2.92E-08	3.73E-05	1.18E-08	3.42E-09	3.25E-04	1.03E-07	2.98E-08	4.31E-05	1.36E-08	3.96E-09	3.12E-04	9.86E-08	2.87E-08	1.96E-05	6.17E-09	1.80E-09
6067 477185.12, 3849697.05	3.13E-04	9.87E-08	2.87E-08	3.69E-05	1.17E-08	3.39E-09	3.19E-04	1.01E-07	2.93E-08	4.27E-05	1.35E-08	3.92E-09	3.06E-04	9.67E-08	2.81E-08	1.94E-05	6.12E-09	1.78E-09
6068 477097.27, 3849654.41	3.06E-04	9.64E-08	2.80E-08	3.66E-05	1.15E-08	3.36E-09	3.12E-04	9.84E-08	2.86E-08	4.23E-05	1.34E-08	3.88E-09	2.99E-04	9.44E-08	2.75E-08	1.92E-05	6.06E-09	1.76E-09

6069	477009.41, 3849611.76	2.95E-04	9.30E-08	2.70E-08	3.62E-05	1.14E-08	3.32E-09	3.01E-04	9.49E-08	2.76E-08	4.18E-05	1.32E-08	3.84E-09	2.88E-04	9.08E-08	2.64E-08	1.90E-05	5.99E-09	1.74E-09
6070	476841.49, 3849530.08	2.80E-04	8.85E-08	2.57E-08	3.55E-05	1.12E-08	3.26E-09	2.86E-04	9.04E-08	2.63E-08	4.10E-05	1.29E-08	3.77E-09	2.73E-04	8.63E-08	2.51E-08	1.86E-05	5.87E-09	1.71E-09
6071	476761.41, 3849491.05	2.75E-04	8.69E-08	2.53E-08	3.52E-05	1.11E-08	3.23E-09	2.81E-04	8.88E-08	2.58E-08	4.07E-05	1.28E-08	3.73E-09	2.68E-04	8.47E-08	2.46E-08	1.85E-05	5.82E-09	1.69E-09
6072	476681.34, 3849452.02	2.68E-04	8.47E-08	2.46E-08	3.48E-05	1.10E-08	3.20E-09	2.74E-04	8.66E-08	2.52E-08	4.03E-05	1.27E-08	3.70E-09	2.61E-04	8.24E-08	2.40E-08	1.83E-05	5.77E-09	1.68E-09
6073	476601.26, 3849412.99	2.61E-04	8.23E-08	2.39E-08	3.45E-05	1.09E-08	3.16E-09	2.67E-04	8.42E-08	2.45E-08	3.99E-05	1.26E-08	3.66E-09	2.53E-04	7.99E-08	2.33E-08	1.81E-05	5.71E-09	1.66E-09
6074	476456.32, 3849353.67	2.44E-04	7.72E-08	2.24E-08	3.39E-05	1.07E-08	3.11E-09	2.50E-04	7.90E-08	2.30E-08	3.92E-05	1.24E-08	3.60E-09	2.36E-04	7.46E-08	2.17E-08	1.78E-05	5.61E-09	1.63E-09
6075	476305.43, 3849318.84	2.39E-04	7.54E-08	2.19E-08	3.37E-05	1.06E-08	3.09E-09	2.45E-04	7.72E-08	2.24E-08	3.90E-05	1.23E-08	3.58E-09	2.31E-04	7.28E-08	2.12E-08	1.77E-05	5.58E-09	1.62E-09
6076	476129.36, 3849289.99	2.29E-04	7.23E-08	2.10E-08	3.35E-05	1.06E-08	3.08E-09	2.35E-04	7.41E-08	2.16E-08	3.87E-05	1.22E-08	3.56E-09	2.21E-04	6.96E-08	2.02E-08	1.76E-05	5.55E-09	1.61E-09
6077	476039.31, 3849275.68	2.25E-04	7.11E-08	2.07E-08	3.34E-05	1.05E-08	3.07E-09	2.31E-04	7.29E-08	2.12E-08	3.87E-05	1.22E-08	3.55E-09	2.16E-04	6.83E-08	1.99E-08	1.75E-05	5.54E-09	1.61E-09
6078	475949.26, 3849261.38	2.18E-04	6.87E-08	2.00E-08	3.32E-05	1.05E-08	3.05E-09	2.23E-04	7.05E-08	2.05E-08	3.84E-05	1.21E-08	3.53E-09	2.09E-04	6.58E-08	1.91E-08	1.74E-05	5.50E-09	1.60E-09
6079	475859.21, 3849247.08	2.14E-04	6.76E-08	1.97E-08	3.31E-05	1.04E-08	3.04E-09	2.20E-04	6.94E-08	2.02E-08	3.83E-05	1.21E-08	3.51E-09	2.05E-04	6.47E-08	1.88E-08	1.74E-05	5.48E-09	1.59E-09
6080	475769.16, 3849232.77	2.10E-04	6.62E-08	1.93E-08	3.29E-05	1.04E-08	3.02E-09	2.15E-04	6.80E-08	1.98E-08	3.81E-05	1.20E-08	3.50E-09	2.00E-04	6.33E-08	1.84E-08	1.73E-05	5.46E-09	1.59E-09
6081	475585.23, 3849219.27	1.78E-04	5.63E-08	1.64E-08	3.07E-05	9.68E-09	2.82E-09	1.84E-04	5.79E-08	1.68E-08	3.55E-05	1.12E-08	3.26E-09	1.69E-04	5.32E-08	1.55E-08	1.61E-05	5.08E-09	1.48E-09
6082	475444.5, 3849150.35	1.92E-04	6.06E-08	1.76E-08	3.17E-05	1.00E-08	2.91E-09	1.98E-04	6.23E-08	1.81E-08	3.67E-05	1.16E-08	3.36E-09	1.83E-04	5.76E-08	1.68E-08	1.66E-05	5.25E-09	1.53E-09
6083	475334.18, 3849118.71	1.94E-04	6.14E-08	1.79E-08	3.17E-05	1.00E-08	2.91E-09	2.00E-04	6.31E-08	1.84E-08	3.67E-05	1.16E-08	3.37E-09	1.85E-04	5.84E-08	1.70E-08	1.67E-05	5.26E-09	1.53E-09
6084	475230.47, 3849060.57	1.92E-04	6.07E-08	1.77E-08	3.13E-05	9.89E-09	2.88E-09	1.98E-04	6.24E-08	1.82E-08	3.62E-05	1.14E-08	3.33E-09	1.83E-04	5.78E-08	1.68E-08	1.64E-05	5.19E-09	1.51E-09
6085	475110.86, 3848960.97	1.88E-04	5.94E-08	1.73E-08	3.05E-05	9.64E-09	2.80E-09	1.93E-04	6.10E-08	1.77E-08	3.53E-05	1.11E-08	3.24E-09	1.79E-04	5.65E-08	1.64E-08	1.60E-05	5.06E-09	1.47E-09
6086	475037.79, 3848896.28	1.84E-04	5.80E-08	1.69E-08	3.00E-05	9.45E-09	2.75E-09	1.89E-04	5.96E-08	1.73E-08	3.46E-05	1.09E-08	3.18E-09	1.75E-04	5.52E-08	1.60E-08	1.57E-05	4.97E-09	1.44E-09
6087	474964.72, 3848831.59	1.80E-04	5.68E-08	1.65E-08	2.94E-05	9.27E-09	2.70E-09	1.85E-04	5.84E-08	1.70E-08	3.40E-05	1.07E-08	3.12E-09	1.71E-04	5.40E-08	1.57E-08	1.54E-05	4.87E-09	1.42E-09
6088	474891.65, 3848766.9	1.78E-04	5.60E-08	1.63E-08	2.89E-05	9.13E-09	2.65E-09	1.83E-04	5.76E-08	1.68E-08	3.34E-05	1.06E-08	3.07E-09	1.69E-04	5.33E-08	1.55E-08	1.52E-05	4.80E-09	1.39E-09
6089	474818.58, 3848702.22	1.76E-04	5.56E-08	1.62E-08	2.86E-05	9.01E-09	2.62E-09	1.81E-04	5.71E-08	1.66E-08	3.30E-05	1.04E-08	3.03E-09	1.68E-04	5.29E-08	1.54E-08	1.50E-05	4.73E-09	1.38E-09
6090	474745.51, 3848637.53	1.78E-04	5.62E-08	1.63E-08	2.85E-05	8.99E-09	2.61E-09	1.83E-04	5.77E-08	1.68E-08	3.29E-05	1.04E-08	3.02E-09	1.70E-04	5.36E-08	1.56E-08	1.50E-05	4.72E-09	1.37E-09
6091	474672.44, 3848572.84	1.78E-04	5.61E-08	1.63E-08	2.81E-05	8.88E-09	2.58E-09	1.82E-04	5.76E-08	1.67E-08	3.25E-05	1.03E-08	2.99E-09	1.69E-04	5.35E-08	1.56E-08	1.48E-05	4.67E-09	1.36E-09
6092	474599.37, 3848508.15	1.74E-04	5.49E-08	1.60E-08	2.77E-05	8.73E-09	2.54E-09	1.79E-04	5.64E-08	1.64E-08	3.20E-05	1.01E-08	2.94E-09	1.66E-04	5.24E-08	1.52E-08	1.45E-05	4.59E-09	1.33E-09
6093	474526.3, 3848443.46	1.72E-04	5.43E-08	1.58E-08	2.73E-05	8.61E-09	2.51E-09	1.77E-04	5.57E-08	1.62E-08	3.16E-05	9.96E-09	2.90E-09	1.64E-04	5.18E-08	1.51E-08	1.43E-05	4.53E-09	1.32E-09

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30(2033)	16<30(2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30(2033)	16<30(2048)	Total Risk
1	485973.61	3854936.51	2.74E-07	2.71E-07	2.63E-07	9.50E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.78E-11	6.58E-11	0.00E+00	0.00E+00	3.06E-11	5.56E-12	3.53E-11	5.44E-12	5.10E-12	8.20E-11
2	486023.61	3854936.51	2.72E-07	2.68E-07	2.60E-07	9.40E-11	2.84E-10	1.64E-10	1.62E-10	1.47E-10	6.71E-11	6.51E-11	0.00E+00	0.00E+00	3.02E-11	5.51E-12	3.49E-11	5.39E-12	5.04E-12	8.11E-11
3	486073.61	3854936.51	2.71E-07	2.67E-07	2.60E-07	9.37E-11	2.83E-10	1.64E-10	1.62E-10	1.47E-10	6.69E-11	6.50E-11	0.00E+00	0.00E+00	3.01E-11	5.49E-12	3.48E-11	5.37E-12	5.03E-12	8.09E-11
4	486123.61	3854936.51	2.65E-07	2.62E-07	2.54E-07	9.18E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.55E-11	6.36E-11	0.00E+00	0.00E+00	2.95E-11	5.37E-12	3.41E-11	5.26E-12	4.92E-12	7.92E-11
5	486173.61	3854936.51	2.67E-07	2.63E-07	2.55E-07	9.23E-11	2.79E-10	1.61E-10	1.59E-10	1.44E-10	6.58E-11	6.39E-11	0.00E+00	0.00E+00	2.97E-11	5.40E-12	3.43E-11	5.29E-12	4.95E-12	7.96E-11
6	486223.61	3854936.51	2.63E-07	2.60E-07	2.52E-07	9.11E-11	2.75E-10	1.59E-10	1.57E-10	1.42E-10	6.50E-11	6.31E-11	0.00E+00	0.00E+00	2.93E-11	5.33E-12	3.38E-11	5.22E-12	4.89E-12	7.86E-11
7	486273.61	3854936.51	2.61E-07	2.57E-07	2.50E-07	9.03E-11	2.73E-10	1.58E-10	1.56E-10	1.41E-10	6.44E-11	6.26E-11	0.00E+00	0.00E+00	2.90E-11	5.29E-12	3.35E-11	5.17E-12	4.84E-12	7.79E-11
8	486323.61	3854936.51	2.59E-07	2.56E-07	2.48E-07	8.97E-11	2.71E-10	1.57E-10	1.55E-10	1.40E-10	6.40E-11	6.21E-11	0.00E+00	0.00E+00	2.88E-11	5.25E-12	3.33E-11	5.14E-12	4.81E-12	7.74E-11
9	485973.61	3854986.51	2.85E-07	2.81E-07	2.73E-07	9.86E-11	2.98E-10	1.72E-10	1.70E-10	1.54E-10	7.04E-11	6.83E-11	0.00E+00	0.00E+00	3.17E-11	5.77E-12	3.66E-11	5.65E-12	5.29E-12	8.51E-11
10	486023.61	3854986.51	2.83E-07	2.79E-07	2.71E-07	9.78E-11	2.95E-10	1.71E-10	1.69E-10	1.53E-10	6.98E-11	6.78E-11	0.00E+00	0.00E+00	3.15E-11	5.73E-12	3.64E-11	5.61E-12	5.25E-12	8.44E-11
11	486073.61	3854986.51	2.80E-07	2.76E-07	2.68E-07	9.68E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.91E-11	6.71E-11	0.00E+00	0.00E+00	3.11E-11	5.67E-12	3.60E-11	5.55E-12	5.19E-12	8.35E-11
12	486123.61	3854986.51	2.77E-07	2.73E-07	2.66E-07	9.59E-11	2.90E-10	1.68E-10	1.65E-10	1.50E-10	6.84E-11	6.65E-11	0.00E+00	0.00E+00	3.08E-11	5.62E-12	3.56E-11	5.50E-12	5.15E-12	8.27E-11
13	486173.61	3854986.51	2.77E-07	2.73E-07	2.65E-07	9.58E-11	2.89E-10	1.67E-10	1.65E-10	1.50E-10	6.84E-11	6.64E-11	0.00E+00	0.00E+00	3.08E-11	5.61E-12	3.56E-11	5.49E-12	5.14E-12	8.27E-11
14	486223.61	3854986.51	2.73E-07	2.70E-07	2.62E-07	9.46E-11	2.86E-10	1.65E-10	1.63E-10	1.48E-10	6.75E-11	6.56E-11	0.00E+00	0.00E+00	3.04E-11	5.54E-12	3.52E-11	5.42E-12	5.08E-12	8.16E-11
15	486273.61	3854986.51	2.69E-07	2.65E-07	2.57E-07	9.30E-11	2.81E-10	1.63E-10	1.60E-10	1.45E-10	6.63E-11	6.44E-11	0.00E+00	0.00E+00	2.99E-11	5.44E-12	3.45E-11	5.33E-12	4.99E-12	8.02E-11
16	486323.61	3854986.51	2.71E-07	2.67E-07	2.59E-07	9.37E-11	2.83E-10	1.64E-10	1.62E-10	1.46E-10	6.68E-11	6.49E-11	0.00E+00	0.00E+00	3.01E-11	5.48E-12	3.48E-11	5.37E-12	5.02E-12	8.08E-11
17	485973.61	3855036.51	2.97E-07	2.93E-07	2.85E-07	1.03E-10	3.10E-10	1.80E-10	1.77E-10	1.61E-10	7.34E-11	7.12E-11	0.00E+00	0.00E+00	3.31E-11	6.02E-12	3.82E-11	5.89E-12	5.52E-12	8.87E-11
18	486023.61	3855036.51	2.93E-07	2.89E-07	2.81E-07	1.02E-10	3.07E-10	1.77E-10	1.75E-10	1.59E-10	7.25E-11	7.04E-11	0.00E+00	0.00E+00	3.27E-11	5.95E-12	3.77E-11	5.82E-12	5.45E-12	8.76E-11
19	486073.61	3855036.51	2.89E-07	2.85E-07	2.77E-07	9.99E-11	3.02E-10	1.75E-10	1.72E-10	1.56E-10	7.13E-11	6.92E-11	0.00E+00	0.00E+00	3.21E-11	5.85E-12	3.71E-11	5.73E-12	5.36E-12	8.62E-11
20	486123.61	3855036.51	2.86E-07	2.82E-07	2.74E-07	9.91E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.07E-11	6.86E-11	0.00E+00	0.00E+00	3.19E-11	5.80E-12	3.68E-11	5.68E-12	5.31E-12	8.55E-11
21	486173.61	3855036.51	2.86E-07	2.83E-07	2.75E-07	9.92E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.07E-11	6.87E-11	0.00E+00	0.00E+00	3.19E-11	5.81E-12	3.68E-11	5.68E-12	5.32E-12	8.55E-11
22	486223.61	3855036.51	2.82E-07	2.78E-07	2.70E-07	9.76E-11	2.95E-10	1.71E-10	1.68E-10	1.53E-10	6.96E-11	6.76E-11	0.00E+00	0.00E+00	3.14E-11	5.71E-12	3.63E-11	5.59E-12	5.24E-12	8.42E-11
23	486273.61	3855036.51	2.82E-07	2.79E-07	2.71E-07	9.77E-11	2.95E-10	1.71E-10	1.69E-10	1.53E-10	6.97E-11	6.77E-11	0.00E+00	0.00E+00	3.14E-11	5.72E-12	3.63E-11	5.60E-12	5.24E-12	8.43E-11
24	486323.61	3855036.51	2.79E-07	2.75E-07	2.67E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.69E-11	0.00E+00	0.00E+00	3.11E-11	5.66E-12	3.59E-11	5.53E-12	5.18E-12	8.33E-11
25	485973.61	3855086.51	3.09E-07	3.05E-07	2.96E-07	1.07E-10	3.23E-10	1.87E-10	1.85E-10	1.67E-10	7.63E-11	7.41E-11	0.00E+00	0.00E+00	3.44E-11	6.26E-12	3.98E-11	6.13E-12	5.74E-12	9.23E-11
26	486023.61	3855086.51	3.06E-07	3.02E-07	2.93E-07	1.06E-10	3.20E-10	1.85E-10	1.83E-10	1.66E-10	7.55E-11	7.34E-11	0.00E+00	0.00E+00	3.40E-11	6.20E-12	3.93E-11	6.07E-12	5.68E-12	9.13E-11
27	486073.61	3855086.51	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.14E-10	1.81E-10	1.79E-10	1.62E-10	7.41E-11	7.19E-11	0.00E+00	0.00E+00	3.34E-11	6.08E-12	3.86E-11	5.95E-12	5.57E-12	8.96E-11
28	486123.61	3855086.51	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.38E-11	7.16E-11	0.00E+00	0.00E+00	3.32E-11	6.05E-12	3.84E-11	5.92E-12	5.55E-12	8.92E-11
29	486173.61	3855086.51	2.95E-07	2.91E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.60E-10	7.28E-11	7.07E-11	0.00E+00	0.00E+00	3.28E-11	5.97E-12	3.79E-11	5.85E-12	5.47E-12	8.80E-11
30	486223.61	3855086.51	2.94E-07	2.90E-07	2.81E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.25E-11	7.04E-11	0.00E+00	0.00E+00	3.27E-11	5.95E-12	3.78E-11	5.82E-12	5.45E-12	8.77E-11
31	485973.61	3855136.51	3.24E-07	3.20E-07	3.11E-07	1.12E-10	3.39E-10	1.96E-10	1.94E-10	1.75E-10	8.00E-11	7.77E-11	0.00E+00	0.00E+00	3.61E-11	6.57E-12	4.17E-11	6.43E-12	6.02E-12	9.68E-11
32	486023.61	3855136.51	3.18E-07	3.14E-07	3.05E-07	1.10E-10	3.33E-10	1.93E-10	1.90E-10	1.72E-10	7.87E-11	7.64E-11	0.00E+00	0.00E+00	3.54E-11	6.45E-12	4.10E-11	6.32E-12	5.91E-12	9.51E-11
33	486073.61	3855136.51	3.13E-07	3.09E-07	3.00E-07	1.08E-10	3.27E-10	1.90E-10	1.87E-10	1.70E-10	7.74E-11	7.51E-11	0.00E+00	0.00E+00	3.49E-11	6.35E-12	4.03E-11	6.21E-12	5.82E-12	9.35E-11
34	486123.61	3855136.51	3.10E-07	3.06E-07	2.97E-07	1.07E-10	3.24E-10	1.87E-10	1.85E-10	1.68E-10	7.65E-11	7.43E-11	0.00E+00	0.00E+00	3.45E-11	6.28E-12	3.99E-11	6.15E-12	5.75E-12	9.25E-11
35	486173.61	3855136.51	3.06E-07	3.02E-07	2.94E-07	1.06E-10	3.20E-10	1.85E-10	1.83E-10	1.66E-10	7.57E-11	7.35E-11	0.00E+00	0.00E+00	3.41E-11	6.21E-12	3.94E-11	6.08E-12	5.69E-12	9.15E-11
36	486223.61	3855136.51	3.04E-07	3.00E-07	2.91E-07	1.05E-10	3.18E-10	1.84E-10	1.82E-10	1.65E-10	7.51E-11	7.29E-11	0.00E+00	0.00E+00	3.39E-11	6.16E-12	3.91E-11	6.03E-12	5.65E-12	9.08E-11
37	485973.61	3855186.51	3.40E-07	3.36E-07	3.26E-07	1.18E-10	3.55E-10	2.06E-10	2.03E-10	1.84E-10	8.40E-11	8.16E-11	0.00E+00	0.00E+00	3.79E-11	6.89E-12	4.37E-11	6.74E-12	6.32E-12	1.02E-10
38	486023.61	3855186.51	3.34E-07	3.30E-07	3.20E-07	1.16E-10	3.49E-10	2.02E-10	1.99E-10	1.81E-10	8.25E-11	8.01E-11	0.00E+00	0.00E+00	3.72E-11	6.77E-12	4.30E-11	6.62E-12	6.20E-12	9.97E-11
39	486073.61	3855186.51	3.26E-07	3.22E-07	3.13E-07	1.13E-10	3.41E-10	1.97E-10	1.95E-10	1.77E-10	8.06E-11	7.83E-11	0.00E+00	0.00E+00	3.63E-11	6.62E-12	4.20E-11	6.47E-12	6.06E-12	9.75E-11
40	486123.61	3855186.51	3.20E-07	3.16E-07	3.07E-07	1.11E-10	3.34E-10	1.94E-10	1.91E-10	1.73E-10	7.90E-11	7.68E-11	0.00E+00	0.00E+00	3.56E-11	6.49E-12	4.12E-11	6.35E-12	5.94E-12	9.56E-11
41	486173.61	3855186.51	3.17E-07	3.12E-07	3.03E-07	1.10E-10	3.31E-10	1.92E-10	1.89E-10	1.71E-10	7.82E-11	7.59E-11	0.00E+00	0.00E+00	3.52E-11	6.42E-12	4.07E-11	6.28E-12	5.88E-12	9.45E-11
42	486223.61	3855186.51	3.14E-07	3.10E-07	3.01E-07	1.09E-10	3.28E-10	1.90E-10	1.88E-10	1.70E-10	7.76E-11	7.53E-11	0.00E+00	0.00E+00	3.50E-11	6.37E-12	4.04E-11	6.23E-12	5.83E-12	9.38E-11
43	486273.61	3855186.51	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.46E-11	0.00E+00	0.00E+00	3.46E-11	6.30E-12	4.00E-11	6.17E-12	5.77E-12	9.28E-11
44	486323.61	3855186.51	3.15E-07	3.11E-07	3.02E-07	1.09E-10	3.29E-10	1.91E-10	1.88E-10	1.71E-10	7.79E-11	7.56E-11	0.00E+00	0.00E+00	3.51E-11	6.39E-12	4.05E-11	6.25E-12	5.85E-12	9.41E-11
45	485973.61	3855236.51	3.56E-07	3.51E-07	3.41E-07	1.23E-10	3.72E-10	2.15E-10	2.13E-10	1.93E-10	8.79E-11	8.54E-11	0.00E+00	0.00E+00	3.96E-11	7.22E-12	4.58E-11	7.06E-12	6.61E-12	1.06E-10
46	486023.61	3855236.51	3.47E-07	3.43E-07	3.33E-07	1.20E-10	3.63E-10	2.10E-10	2.07E-10	1.88E-10	8.58E-11	8.33E-11	0.00E+00	0.00E+00	3.87E-11	7.04E-12	4.47E-11	6.89E-12	6.45E-12	1.04E-10

47	486073.61	3855236.51	3.39E-07	3.34E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.83E-10	8.36E-11	8.12E-11	0.00E+00	0.00E+00	3.77E-11	6.86E-12	4.36E-11	6.72E-12	6.29E-12	1.01E-10
48	486123.61	3855236.51	3.33E-07	3.28E-07	3.19E-07	1.15E-10	3.48E-10	2.01E-10	1.99E-10	1.80E-10	8.22E-11	7.98E-11	0.00E+00	0.00E+00	3.70E-11	6.74E-12	4.28E-11	6.60E-12	6.18E-12	9.94E-11
49	486173.61	3855236.51	3.28E-07	3.24E-07	3.15E-07	1.14E-10	3.43E-10	1.99E-10	1.96E-10	1.78E-10	8.11E-11	7.88E-11	0.00E+00	0.00E+00	3.66E-11	6.66E-12	4.22E-11	6.51E-12	6.10E-12	9.81E-11
50	486223.61	3855236.51	3.24E-07	3.20E-07	3.11E-07	1.12E-10	3.39E-10	1.96E-10	1.94E-10	1.76E-10	8.01E-11	7.78E-11	0.00E+00	0.00E+00	3.61E-11	6.58E-12	4.17E-11	6.43E-12	6.03E-12	9.69E-11
51	486273.61	3855236.51	3.18E-07	3.14E-07	3.05E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	0.00E+00	0.00E+00	3.54E-11	6.44E-12	4.09E-11	6.30E-12	5.90E-12	9.49E-11
52	486323.61	3855236.51	3.26E-07	3.21E-07	3.12E-07	1.13E-10	3.40E-10	1.97E-10	1.95E-10	1.76E-10	8.05E-11	7.81E-11	0.00E+00	0.00E+00	3.63E-11	6.60E-12	4.19E-11	6.46E-12	6.05E-12	9.73E-11
53	485973.61	3855286.51	3.72E-07	3.67E-07	3.57E-07	1.29E-10	3.89E-10	2.25E-10	2.22E-10	2.01E-10	9.19E-11	8.92E-11	0.00E+00	0.00E+00	4.14E-11	7.54E-12	4.79E-11	7.38E-12	6.91E-12	1.11E-10
54	486023.61	3855286.51	3.62E-07	3.58E-07	3.47E-07	1.25E-10	3.79E-10	2.19E-10	2.16E-10	1.96E-10	8.95E-11	8.69E-11	0.00E+00	0.00E+00	4.03E-11	7.35E-12	4.66E-11	7.19E-12	6.73E-12	1.08E-10
55	486073.61	3855286.51	3.54E-07	3.49E-07	3.39E-07	1.23E-10	3.70E-10	2.14E-10	2.11E-10	1.92E-10	8.75E-11	8.49E-11	0.00E+00	0.00E+00	3.94E-11	7.18E-12	4.55E-11	7.02E-12	6.58E-12	1.06E-10
56	486123.61	3855286.51	3.46E-07	3.41E-07	3.31E-07	1.20E-10	3.61E-10	2.09E-10	2.06E-10	1.87E-10	8.54E-11	8.29E-11	0.00E+00	0.00E+00	3.85E-11	7.01E-12	4.45E-11	6.86E-12	6.42E-12	1.03E-10
57	486173.61	3855286.51	3.39E-07	3.35E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.03E-10	1.84E-10	8.38E-11	8.13E-11	0.00E+00	0.00E+00	3.78E-11	6.87E-12	4.36E-11	6.73E-12	6.30E-12	1.01E-10
58	486223.61	3855286.51	3.36E-07	3.31E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.00E-10	1.82E-10	8.29E-11	8.05E-11	0.00E+00	0.00E+00	3.74E-11	6.80E-12	4.32E-11	6.66E-12	6.23E-12	1.00E-10
59	486123.61	3855336.51	3.60E-07	3.55E-07	3.45E-07	1.24E-10	3.76E-10	2.18E-10	2.15E-10	1.95E-10	8.88E-11	8.62E-11	0.00E+00	0.00E+00	4.00E-11	7.29E-12	4.62E-11	7.13E-12	6.68E-12	1.07E-10
60	486173.61	3855336.51	3.53E-07	3.49E-07	3.39E-07	1.22E-10	3.69E-10	2.14E-10	2.11E-10	1.91E-10	8.73E-11	8.47E-11	0.00E+00	0.00E+00	3.93E-11	7.16E-12	4.54E-11	7.01E-12	6.56E-12	1.06E-10
61	486223.61	3855336.51	3.48E-07	3.43E-07	3.33E-07	1.20E-10	3.63E-10	2.10E-10	2.08E-10	1.88E-10	8.59E-11	8.34E-11	0.00E+00	0.00E+00	3.87E-11	7.05E-12	4.47E-11	6.89E-12	6.46E-12	1.04E-10
62	486123.61	3855386.51	3.75E-07	3.70E-07	3.60E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.27E-11	9.00E-11	0.00E+00	0.00E+00	4.18E-11	7.61E-12	4.83E-11	7.44E-12	6.97E-12	1.12E-10
63	486173.61	3855386.51	3.68E-07	3.63E-07	3.53E-07	1.27E-10	3.85E-10	2.23E-10	2.20E-10	1.99E-10	9.09E-11	8.83E-11	0.00E+00	0.00E+00	4.10E-11	7.46E-12	4.73E-11	7.30E-12	6.84E-12	1.10E-10
64	486223.61	3855386.51	3.62E-07	3.57E-07	3.47E-07	1.25E-10	3.79E-10	2.19E-10	2.16E-10	1.96E-10	8.95E-11	8.69E-11	0.00E+00	0.00E+00	4.03E-11	7.34E-12	4.66E-11	7.18E-12	6.73E-12	1.08E-10
65	486533.18	3855443.15	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.20E-10	2.17E-10	1.96E-10	8.97E-11	8.71E-11	0.00E+00	0.00E+00	4.04E-11	7.36E-12	4.67E-11	7.20E-12	6.74E-12	1.08E-10
66	486583.18	3855443.15	3.60E-07	3.55E-07	3.45E-07	1.25E-10	3.76E-10	2.18E-10	2.15E-10	1.95E-10	8.89E-11	8.64E-11	0.00E+00	0.00E+00	4.01E-11	7.30E-12	4.63E-11	7.14E-12	6.69E-12	1.08E-10
67	486633.18	3855443.15	3.57E-07	3.52E-07	3.42E-07	1.24E-10	3.73E-10	2.16E-10	2.13E-10	1.93E-10	8.82E-11	8.57E-11	0.00E+00	0.00E+00	3.97E-11	7.24E-12	4.59E-11	7.08E-12	6.63E-12	1.07E-10
68	486683.18	3855443.15	3.57E-07	3.52E-07	3.42E-07	1.23E-10	3.73E-10	2.16E-10	2.13E-10	1.93E-10	8.81E-11	8.55E-11	0.00E+00	0.00E+00	3.97E-11	7.23E-12	4.59E-11	7.07E-12	6.62E-12	1.06E-10
69	486533.18	3855493.15	3.75E-07	3.70E-07	3.59E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.26E-11	8.99E-11	0.00E+00	0.00E+00	4.17E-11	7.60E-12	4.82E-11	7.44E-12	6.96E-12	1.12E-10
70	486583.18	3855493.15	3.73E-07	3.68E-07	3.57E-07	1.29E-10	3.90E-10	2.26E-10	2.23E-10	2.02E-10	9.21E-11	8.94E-11	0.00E+00	0.00E+00	4.15E-11	7.56E-12	4.80E-11	7.40E-12	6.92E-12	1.11E-10
71	486633.18	3855493.15	3.70E-07	3.65E-07	3.55E-07	1.28E-10	3.87E-10	2.24E-10	2.21E-10	2.00E-10	9.15E-11	8.88E-11	0.00E+00	0.00E+00	4.12E-11	7.50E-12	4.76E-11	7.34E-12	6.88E-12	1.11E-10
72	486683.18	3855493.15	3.68E-07	3.63E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.20E-10	1.99E-10	9.08E-11	8.82E-11	0.00E+00	0.00E+00	4.09E-11	7.45E-12	4.73E-11	7.29E-12	6.83E-12	1.10E-10
73	486533.18	3855543.15	3.89E-07	3.84E-07	3.72E-07	1.35E-10	4.06E-10	2.35E-10	2.32E-10	2.10E-10	9.60E-11	9.32E-11	0.00E+00	0.00E+00	4.33E-11	7.88E-12	5.00E-11	7.71E-12	7.22E-12	1.16E-10
74	486583.18	3855543.15	3.84E-07	3.79E-07	3.68E-07	1.33E-10	4.01E-10	2.32E-10	2.29E-10	2.08E-10	9.49E-11	9.21E-11	0.00E+00	0.00E+00	4.27E-11	7.78E-12	4.94E-11	7.62E-12	7.13E-12	1.15E-10
75	486633.18	3855543.15	3.82E-07	3.77E-07	3.66E-07	1.32E-10	3.99E-10	2.31E-10	2.28E-10	2.07E-10	9.43E-11	9.16E-11	0.00E+00	0.00E+00	4.25E-11	7.74E-12	4.91E-11	7.58E-12	7.09E-12	1.14E-10
76	486683.18	3855543.15	3.77E-07	3.72E-07	3.61E-07	1.30E-10	3.94E-10	2.28E-10	2.25E-10	2.04E-10	9.31E-11	9.04E-11	0.00E+00	0.00E+00	4.19E-11	7.64E-12	4.85E-11	7.47E-12	7.00E-12	1.12E-10
77	486533.18	3855593.15	4.01E-07	3.96E-07	3.85E-07	1.39E-10	4.19E-10	2.43E-10	2.40E-10	2.17E-10	9.91E-11	9.62E-11	0.00E+00	0.00E+00	4.47E-11	8.13E-12	5.16E-11	7.96E-12	7.45E-12	1.20E-10
78	486583.18	3855593.15	3.97E-07	3.92E-07	3.81E-07	1.38E-10	4.15E-10	2.40E-10	2.37E-10	2.15E-10	9.82E-11	9.53E-11	0.00E+00	0.00E+00	4.42E-11	8.06E-12	5.11E-11	7.88E-12	7.38E-12	1.19E-10
79	486633.18	3855593.15	3.94E-07	3.89E-07	3.78E-07	1.37E-10	4.12E-10	2.39E-10	2.36E-10	2.14E-10	9.74E-11	9.46E-11	0.00E+00	0.00E+00	4.39E-11	8.00E-12	5.07E-11	7.82E-12	7.33E-12	1.18E-10
80	486683.18	3855593.15	3.93E-07	3.87E-07	3.76E-07	1.36E-10	4.10E-10	2.38E-10	2.34E-10	2.13E-10	9.70E-11	9.42E-11	0.00E+00	0.00E+00	4.37E-11	7.96E-12	5.05E-11	7.79E-12	7.29E-12	1.17E-10
81	486533.18	3855643.15	4.15E-07	4.10E-07	3.98E-07	1.44E-10	4.34E-10	2.51E-10	2.48E-10	2.25E-10	1.03E-10	9.95E-11	0.00E+00	0.00E+00	4.62E-11	8.41E-12	5.34E-11	8.23E-12	7.71E-12	1.24E-10
82	486583.18	3855643.15	4.12E-07	4.06E-07	3.94E-07	1.42E-10	4.30E-10	2.49E-10	2.46E-10	2.23E-10	1.02E-10	9.87E-11	0.00E+00	0.00E+00	4.58E-11	8.34E-12	5.29E-11	8.16E-12	7.64E-12	1.23E-10
83	486633.18	3855643.15	4.08E-07	4.03E-07	3.91E-07	1.41E-10	4.27E-10	2.47E-10	2.44E-10	2.21E-10	1.01E-10	9.80E-11	0.00E+00	0.00E+00	4.55E-11	8.28E-12	5.25E-11	8.10E-12	7.58E-12	1.22E-10
84	486683.18	3855643.15	4.06E-07	4.00E-07	3.89E-07	1.40E-10	4.24E-10	2.46E-10	2.42E-10	2.20E-10	1.00E-10	9.73E-11	0.00E+00	0.00E+00	4.52E-11	8.22E-12	5.22E-11	8.05E-12	7.54E-12	1.21E-10
85	486533.18	3855693.15	4.32E-07	4.26E-07	4.14E-07	1.49E-10	4.51E-10	2.61E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	0.00E+00	0.00E+00	4.80E-11	8.75E-12	5.55E-11	8.56E-12	8.02E-12	1.29E-10
86	486583.18	3855693.15	4.25E-07	4.19E-07	4.07E-07	1.47E-10	4.44E-10	2.57E-10	2.54E-10	2.30E-10	1.05E-10	1.02E-10	0.00E+00	0.00E+00	4.73E-11	8.61E-12	5.46E-11	8.43E-12	7.89E-12	1.27E-10
87	486633.18	3855693.15	4.18E-07	4.13E-07	4.01E-07	1.45E-10	4.37E-10	2.53E-10	2.50E-10	2.26E-10	1.03E-10	1.00E-10	0.00E+00	0.00E+00	4.66E-11	8.48E-12	5.38E-11	8.30E-12	7.77E-12	1.25E-10
88	486683.18	3855693.15	4.19E-07	4.14E-07	4.02E-07	1.45E-10	4.38E-10	2.54E-10	2.50E-10	2.27E-10	1.04E-10	1.01E-10	0.00E+00	0.00E+00	4.67E-11	8.50E-12	5.39E-11	8.31E-12	7.79E-12	1.25E-10
89	486733.18	3855693.15	4.23E-07	4.17E-07	4.05E-07	1.46E-10	4.42E-10	2.56E-10	2.52E-10	2.29E-10	1.04E-10	1.01E-10	0.00E+00	0.00E+00	4.71E-11	8.57E-12	5.44E-11	8.39E-12	7.85E-12	1.26E-10
90	486783.18	3855693.15	4.28E-07	4.23E-07	4.10E-07	1.48E-10	4.48E-10	2.59E-10	2.56E-10	2.32E-10	1.06E-10	1.03E-10	0.00E+00	0.00E+00	4.77E-11	8.68E-12	5.51E-11	8.49E-12	7.95E-12	1.28E-10
91	486533.18	3855743.15	4.47E-07	4.42E-07	4.29E-07	1.55E-10	4.68E-10	2.71E-10	2.67E-10	2.42E-10	1.11E-10	1.07E-10	0.00E+00	0.00E+00	4.98E-11	9.07E-12	5.75E-11	8.87E-12	8.31E-12	1.34E-10
92	486583.18	3855743.15	4.37E-07	4.31E-07	4.19E-07	1.51E-10	4.57E-10	2.64E-10	2.61E-10	2.37E-10	1.08E-10	1.05E-10	0.00E+00	0.00E+00	4.87E-11	8.86E-12	5.62E-11	8.67E-12	8.12E-12	1.31E-10
93	486633.18	3855743.15	4.32E-07	4.27E-07	4.14E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	0.00E+00	0.00E+00	4.81E-11	8.77E-12	5.56E-11	8.58E-12	8.03E-12	1.29E-10
94	486683.18	3855743.15	4.35E-07	4.30E-07	4.17E-07	1.51E-10	4.55E-10	2.63E-10	2.60E-10	2.36E-10	1.08E-10	1.04E-10	0.00E+00	0.00E+00	4.85E-11	8.82E-12	5.60E-11	8.63E-12	8.08E-12	1.30E-10
95	486733.18	3855743.15	4.36E-07	4.30E-07	4.18E-07	1.51E-10	4.55E-10	2.64E-10	2.60E-10	2.36E-10	1.08E-10	1.05E-10	0.00E+00	0.00E+00	4.85E-11	8.83E-12	5.60E-11	8.64E-12	8.09E-12	1.30E-10
96	486783.18	3855743.15	4.43E-07	4.38E-07	4.25E-07	1.53E-10	4.63E-10	2.68E-10	2.65E-10	2.40E-10	1.10E-10	1.06E-10	0.00E+00	0.00E+00	4.94E-11	8.99E-12	5.70E-11	8.79E-12	8.23E-12	1.32E-10
97	486533.18	3855793.15	4.65E-07	4.59E-07	4.46E-07	1.61E-10	4.86E-10	2.81E-10	2.78E-10	2.52E-10	1.15E-10	1.12E-10	0.00E+00	0.00E+00	5.18E-11	9.43E-12	5.98E-11	9.23E-12	8.64E-12	1.39E-10
98	486583.18	3855793.15	4.49E-07	4.43E-07	4.30E-07	1.55E-10	4.69E-10	2.72E-10	2.68E-10	2.43E-10	1.11E-10	1.08E-10	0.00E+00	0.00E+00	5.00E-11	9.10E-12	5.78E-11	8.91E-12	8.34E-12	1.34E-10
99	486633.18	3855793.15	4.50E-07	4.44E-07	4.32E-07	1.56E-10	4.71E-10	2.72E-10	2.69E-10	2.44E-10	1.11E-10	1.08E-10	0.00E+00	0.00E+00	5.01E-11	9.13E-12	5.79E-11	8.93E-12	8.36E-12	1.34E-10

100	486683.18	3855793.15	4.53E-07	4.47E-07	4.34E-07	1.57E-10	4.74E-10	2.74E-10	2.71E-10	2.45E-10	1.12E-10	1.09E-10	0.00E+00	0.00E+00	5.04E-11	9.18E-12	5.83E-11	8.99E-12	8.42E-12	1.35E-10
101	486733.18	3855793.15	4.55E-07	4.49E-07	4.36E-07	1.57E-10	4.75E-10	2.75E-10	2.72E-10	2.46E-10	1.12E-10	1.09E-10	0.00E+00	0.00E+00	5.06E-11	9.22E-12	5.85E-11	9.02E-12	8.45E-12	1.36E-10
102	486783.18	3855793.15	4.58E-07	4.52E-07	4.39E-07	1.58E-10	4.78E-10	2.77E-10	2.73E-10	2.48E-10	1.13E-10	1.10E-10	0.00E+00	0.00E+00	5.09E-11	9.28E-12	5.89E-11	9.08E-12	8.50E-12	1.37E-10
103	486533.18	3855843.15	4.80E-07	4.74E-07	4.60E-07	1.66E-10	5.02E-10	2.90E-10	2.87E-10	2.60E-10	1.19E-10	1.15E-10	0.00E+00	0.00E+00	5.34E-11	9.73E-12	6.17E-11	9.52E-12	8.91E-12	1.43E-10
104	486583.18	3855843.15	4.67E-07	4.61E-07	4.48E-07	1.62E-10	4.88E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	0.00E+00	0.00E+00	5.20E-11	9.47E-12	6.01E-11	9.26E-12	8.67E-12	1.39E-10
105	486633.18	3855843.15	4.68E-07	4.61E-07	4.48E-07	1.62E-10	4.89E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	0.00E+00	0.00E+00	5.20E-11	9.48E-12	6.01E-11	9.27E-12	8.68E-12	1.40E-10
106	486683.18	3855843.15	4.70E-07	4.63E-07	4.50E-07	1.63E-10	4.91E-10	2.84E-10	2.80E-10	2.54E-10	1.16E-10	1.13E-10	0.00E+00	0.00E+00	5.23E-11	9.52E-12	6.04E-11	9.31E-12	8.72E-12	1.40E-10
107	486733.18	3855843.15	4.72E-07	4.66E-07	4.53E-07	1.64E-10	4.94E-10	2.86E-10	2.82E-10	2.56E-10	1.17E-10	1.13E-10	0.00E+00	0.00E+00	5.26E-11	9.58E-12	6.08E-11	9.37E-12	8.77E-12	1.41E-10
108	486783.18	3855843.15	4.75E-07	4.69E-07	4.55E-07	1.64E-10	4.96E-10	2.87E-10	2.84E-10	2.57E-10	1.17E-10	1.14E-10	0.00E+00	0.00E+00	5.29E-11	9.63E-12	6.11E-11	9.42E-12	8.82E-12	1.42E-10
109	486533.18	3855893.15	4.90E-07	4.84E-07	4.70E-07	1.70E-10	5.13E-10	2.97E-10	2.93E-10	2.66E-10	1.21E-10	1.18E-10	0.00E+00	0.00E+00	5.46E-11	9.94E-12	6.31E-11	9.73E-12	9.11E-12	1.46E-10
110	486583.18	3855893.15	4.88E-07	4.82E-07	4.68E-07	1.69E-10	5.10E-10	2.95E-10	2.91E-10	2.64E-10	1.21E-10	1.17E-10	0.00E+00	0.00E+00	5.43E-11	9.89E-12	6.28E-11	9.68E-12	9.06E-12	1.46E-10
111	486633.18	3855893.15	4.86E-07	4.80E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	0.00E+00	0.00E+00	5.41E-11	9.85E-12	6.25E-11	9.64E-12	9.03E-12	1.45E-10
112	486683.18	3855893.15	4.87E-07	4.81E-07	4.67E-07	1.69E-10	5.09E-10	2.95E-10	2.91E-10	2.64E-10	1.20E-10	1.17E-10	0.00E+00	0.00E+00	5.42E-11	9.87E-12	6.26E-11	9.66E-12	9.04E-12	1.45E-10
113	486733.18	3855893.15	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	0.00E+00	0.00E+00	5.45E-11	9.92E-12	6.29E-11	9.70E-12	9.09E-12	1.46E-10
114	486783.18	3855893.15	4.93E-07	4.87E-07	4.73E-07	1.71E-10	5.16E-10	2.99E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	0.00E+00	0.00E+00	5.49E-11	1.00E-11	6.35E-11	9.79E-12	9.17E-12	1.47E-10
115	486533.18	3855943.15	5.09E-07	5.02E-07	4.88E-07	1.76E-10	5.32E-10	3.08E-10	3.04E-10	2.75E-10	1.26E-10	1.22E-10	0.00E+00	0.00E+00	5.66E-11	1.03E-11	6.54E-11	1.01E-11	9.45E-12	1.52E-10
116	486583.18	3855943.15	5.10E-07	5.04E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	0.00E+00	0.00E+00	5.68E-11	1.03E-11	6.56E-11	1.01E-11	9.48E-12	1.52E-10
117	486633.18	3855943.15	5.06E-07	4.99E-07	4.85E-07	1.75E-10	5.29E-10	3.06E-10	3.02E-10	2.74E-10	1.25E-10	1.21E-10	0.00E+00	0.00E+00	5.63E-11	1.03E-11	6.51E-11	1.00E-11	9.40E-12	1.51E-10
118	486683.18	3855943.15	5.07E-07	5.01E-07	4.86E-07	1.76E-10	5.30E-10	3.07E-10	3.03E-10	2.75E-10	1.25E-10	1.22E-10	0.00E+00	0.00E+00	5.65E-11	1.03E-11	6.52E-11	1.01E-11	9.42E-12	1.51E-10
119	486733.18	3855943.15	5.07E-07	5.00E-07	4.86E-07	1.76E-10	5.30E-10	3.07E-10	3.03E-10	2.74E-10	1.25E-10	1.22E-10	0.00E+00	0.00E+00	5.64E-11	1.03E-11	6.52E-11	1.01E-11	9.42E-12	1.51E-10
120	486783.18	3855943.15	5.11E-07	5.05E-07	4.90E-07	1.77E-10	5.35E-10	3.09E-10	3.05E-10	2.77E-10	1.26E-10	1.23E-10	0.00E+00	0.00E+00	5.69E-11	1.04E-11	6.58E-11	1.01E-11	9.50E-12	1.53E-10
121	486533.18	3855993.15	5.31E-07	5.24E-07	5.09E-07	1.84E-10	5.55E-10	3.21E-10	3.17E-10	2.87E-10	1.31E-10	1.27E-10	0.00E+00	0.00E+00	5.91E-11	1.08E-11	6.83E-11	1.05E-11	9.86E-12	1.59E-10
122	486583.18	3855993.15	5.30E-07	5.23E-07	5.08E-07	1.83E-10	5.54E-10	3.21E-10	3.16E-10	2.87E-10	1.31E-10	1.27E-10	0.00E+00	0.00E+00	5.90E-11	1.07E-11	6.82E-11	1.05E-11	9.84E-12	1.58E-10
123	486633.18	3855993.15	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.51E-10	3.19E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	0.00E+00	0.00E+00	5.87E-11	1.07E-11	6.79E-11	1.05E-11	9.80E-12	1.58E-10
124	486683.18	3855993.15	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.52E-10	3.19E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	0.00E+00	0.00E+00	5.87E-11	1.07E-11	6.79E-11	1.05E-11	9.80E-12	1.58E-10
125	486733.18	3855993.15	5.27E-07	5.20E-07	5.05E-07	1.82E-10	5.51E-10	3.19E-10	3.15E-10	2.85E-10	1.30E-10	1.26E-10	0.00E+00	0.00E+00	5.87E-11	1.07E-11	6.78E-11	1.05E-11	9.79E-12	1.57E-10
126	486783.18	3855993.15	5.29E-07	5.22E-07	5.07E-07	1.83E-10	5.53E-10	3.20E-10	3.16E-10	2.86E-10	1.31E-10	1.27E-10	0.00E+00	0.00E+00	5.89E-11	1.07E-11	6.80E-11	1.05E-11	9.83E-12	1.58E-10
127	486533.18	3856043.15	5.51E-07	5.44E-07	5.28E-07	1.91E-10	5.76E-10	3.34E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	0.00E+00	0.00E+00	6.14E-11	1.12E-11	7.09E-11	1.09E-11	1.02E-11	1.65E-10
128	486583.18	3856043.15	5.53E-07	5.46E-07	5.30E-07	1.91E-10	5.78E-10	3.34E-10	3.30E-10	2.99E-10	1.37E-10	1.33E-10	0.00E+00	0.00E+00	6.15E-11	1.12E-11	7.11E-11	1.10E-11	1.03E-11	1.65E-10
129	486633.18	3856043.15	5.50E-07	5.43E-07	5.27E-07	1.90E-10	5.75E-10	3.33E-10	3.28E-10	2.98E-10	1.36E-10	1.32E-10	0.00E+00	0.00E+00	6.12E-11	1.11E-11	7.07E-11	1.09E-11	1.02E-11	1.64E-10
130	486683.18	3856043.15	5.50E-07	5.43E-07	5.27E-07	1.91E-10	5.75E-10	3.33E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	0.00E+00	0.00E+00	6.13E-11	1.12E-11	7.08E-11	1.09E-11	1.02E-11	1.64E-10
131	486733.18	3856043.15	5.48E-07	5.40E-07	5.25E-07	1.90E-10	5.72E-10	3.31E-10	3.27E-10	2.96E-10	1.35E-10	1.31E-10	0.00E+00	0.00E+00	6.10E-11	1.11E-11	7.04E-11	1.09E-11	1.02E-11	1.64E-10
132	486783.18	3856043.15	5.51E-07	5.43E-07	5.28E-07	1.91E-10	5.75E-10	3.33E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	0.00E+00	0.00E+00	6.13E-11	1.12E-11	7.08E-11	1.09E-11	1.02E-11	1.64E-10
133	486533.18	3856093.15	5.74E-07	5.66E-07	5.50E-07	1.99E-10	6.00E-10	3.47E-10	3.43E-10	3.11E-10	1.42E-10	1.38E-10	0.00E+00	0.00E+00	6.39E-11	1.16E-11	7.38E-11	1.14E-11	1.07E-11	1.71E-10
134	486583.18	3856093.15	5.74E-07	5.67E-07	5.51E-07	1.99E-10	6.00E-10	3.48E-10	3.43E-10	3.11E-10	1.42E-10	1.38E-10	0.00E+00	0.00E+00	6.39E-11	1.16E-11	7.39E-11	1.14E-11	1.07E-11	1.72E-10
135	486633.18	3856093.15	5.73E-07	5.66E-07	5.49E-07	1.98E-10	5.99E-10	3.47E-10	3.42E-10	3.10E-10	1.42E-10	1.37E-10	0.00E+00	0.00E+00	6.38E-11	1.16E-11	7.37E-11	1.14E-11	1.06E-11	1.71E-10
136	486683.18	3856093.15	5.73E-07	5.66E-07	5.49E-07	1.98E-10	5.99E-10	3.47E-10	3.42E-10	3.10E-10	1.42E-10	1.37E-10	0.00E+00	0.00E+00	6.38E-11	1.16E-11	7.37E-11	1.14E-11	1.06E-11	1.71E-10
137	486733.18	3856093.15	5.71E-07	5.63E-07	5.47E-07	1.98E-10	5.97E-10	3.45E-10	3.41E-10	3.09E-10	1.41E-10	1.37E-10	0.00E+00	0.00E+00	6.35E-11	1.16E-11	7.34E-11	1.13E-11	1.06E-11	1.70E-10
138	486783.18	3856093.15	5.72E-07	5.64E-07	5.48E-07	1.98E-10	5.98E-10	3.46E-10	3.41E-10	3.09E-10	1.41E-10	1.37E-10	0.00E+00	0.00E+00	6.36E-11	1.16E-11	7.35E-11	1.13E-11	1.06E-11	1.71E-10
139	486533.18	3856143.15	5.94E-07	5.86E-07	5.69E-07	2.06E-10	6.21E-10	3.59E-10	3.55E-10	3.22E-10	1.47E-10	1.42E-10	0.00E+00	0.00E+00	6.61E-11	1.20E-11	7.64E-11	1.18E-11	1.10E-11	1.77E-10
140	486583.18	3856143.15	5.94E-07	5.86E-07	5.69E-07	2.06E-10	6.21E-10	3.59E-10	3.55E-10	3.22E-10	1.47E-10	1.42E-10	0.00E+00	0.00E+00	6.61E-11	1.20E-11	7.64E-11	1.18E-11	1.10E-11	1.77E-10
141	486633.18	3856143.15	5.96E-07	5.88E-07	5.71E-07	2.06E-10	6.23E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	0.00E+00	0.00E+00	6.64E-11	1.21E-11	7.67E-11	1.18E-11	1.11E-11	1.78E-10
142	486683.18	3856143.15	5.96E-07	5.88E-07	5.71E-07	2.06E-10	6.23E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	0.00E+00	0.00E+00	6.63E-11	1.21E-11	7.67E-11	1.18E-11	1.11E-11	1.78E-10
143	486733.18	3856143.15	5.95E-07	5.87E-07	5.70E-07	2.06E-10	6.22E-10	3.60E-10	3.55E-10	3.22E-10	1.47E-10	1.43E-10	0.00E+00	0.00E+00	6.62E-11	1.21E-11	7.65E-11	1.18E-11	1.10E-11	1.78E-10
144	486783.18	3856143.15	5.97E-07	5.90E-07	5.72E-07	2.07E-10	6.24E-10	3.61E-10	3.57E-10	3.23E-10	1.48E-10	1.43E-10	0.00E+00	0.00E+00	6.65E-11	1.21E-11	7.68E-11	1.18E-11	1.11E-11	1.78E-10
145	486533.18	3856193.15	6.15E-07	6.07E-07	5.90E-07	2.13E-10	6.43E-10	3.72E-10	3.67E-10	3.33E-10	1.52E-10	1.48E-10	0.00E+00	0.00E+00	6.85E-11	1.25E-11	7.91E-11	1.22E-11	1.14E-11	1.84E-10
146	486583.18	3856193.15	6.15E-07	6.07E-07	5.90E-07	2.13E-10	6.43E-10	3.72E-10	3.67E-10	3.33E-10	1.52E-10	1.48E-10	0.00E+00	0.00E+00	6.85E-11	1.25E-11	7.91E-11	1.22E-11	1.14E-11	1.84E-10
147	486633.18	3856193.15	6.18E-07	6.10E-07	5.93E-07	2.14E-10	6.46E-10	3.74E-10	3.69E-10	3.35E-10	1.53E-10	1.48E-10	0.00E+00	0.00E+00	6.88E-11	1.25E-11	7.95E-11	1.23E-11	1.15E-11	1.85E-10
148	486683.18	3856193.15	6.22E-07	6.14E-07	5.97E-07	2.15E-10	6.51E-10	3.77E-10	3.72E-10	3.37E-10	1.54E-10	1.49E-10	0.00E+00	0.00E+00	6.93E-11	1.26E-11	8.01E-11	1.23E-11	1.16E-11	1.86E-10
149	486733.18	3856193.15	6.21E-07	6.13E-07	5.95E-07	2.15E-10	6.49E-10	3.76E-10	3.71E-10	3.36E-10	1.53E-10	1.49E-10	0.00E+00	0.00E+00	6.91E-11	1.26E-11	7.99E-11	1.23E-11	1.15E-11	1.85E-10
150	486783.18	3856193.15	6.23E-07	6.15E-07	5.97E-07	2.16E-10	6.52E-10	3.77E-10	3.72E-10	3.37E-10	1.54E-10	1.50E-10	0.00E+00	0.00E+00	6.94E-11	1.26E-11	8.02E-11	1.24E-11	1.16E-11	1.86E-10
151	486533.18	3856243.15	6.33E-07	6.25E-07	6.07E-07	2.19E-10	6.62E-10	3.83E-10	3.78E-10	3.43E-10	1.56E-10	1.52E-10	0.00E+00	0.00E+00	7.05E-11	1.28E-11	8.14E-11	1.26E-11	1.18E-11	1.89E-10
152	486583.18	3856243.15	6.38E-07	6.30E-07	6.12E-07	2.21E-10	6.67E-10	3.86E-10	3.81E-10	3.45E-10	1.58E-10	1.53E-10	0.00E+00	0.00E+00	7.10E-11	1.29E-11	8.21E-11	1.27E-11	1.19E-11	1.91E-10

153	486633.18	3856243.15	6.42E-07	6.33E-07	6.15E-07	2.22E-10	6.71E-10	3.88E-10	3.83E-10	3.47E-10	1.58E-10	1.54E-10	0.00E+00	0.00E+00	7.14E-11	1.30E-11	8.25E-11	1.27E-11	1.19E-11	1.92E-10
154	486683.18	3856243.15	6.45E-07	6.37E-07	6.18E-07	2.23E-10	6.74E-10	3.90E-10	3.85E-10	3.49E-10	1.59E-10	1.55E-10	0.00E+00	0.00E+00	7.18E-11	1.31E-11	8.30E-11	1.28E-11	1.20E-11	1.93E-10
155	486733.18	3856243.15	6.49E-07	6.40E-07	6.22E-07	2.25E-10	6.78E-10	3.92E-10	3.87E-10	3.51E-10	1.60E-10	1.56E-10	0.00E+00	0.00E+00	7.22E-11	1.31E-11	8.34E-11	1.29E-11	1.20E-11	1.94E-10
156	486783.18	3856243.15	6.49E-07	6.40E-07	6.22E-07	2.25E-10	6.78E-10	3.92E-10	3.87E-10	3.51E-10	1.60E-10	1.56E-10	0.00E+00	0.00E+00	7.22E-11	1.31E-11	8.34E-11	1.29E-11	1.20E-11	1.94E-10
157	486533.18	3856293.15	6.50E-07	6.41E-07	6.23E-07	2.25E-10	6.79E-10	3.93E-10	3.88E-10	3.52E-10	1.60E-10	1.56E-10	0.00E+00	0.00E+00	7.23E-11	1.32E-11	8.36E-11	1.29E-11	1.21E-11	1.94E-10
158	486583.18	3856293.15	6.57E-07	6.49E-07	6.30E-07	2.28E-10	6.87E-10	3.98E-10	3.93E-10	3.56E-10	1.62E-10	1.58E-10	0.00E+00	0.00E+00	7.32E-11	1.33E-11	8.46E-11	1.30E-11	1.22E-11	1.96E-10
159	486633.18	3856293.15	6.64E-07	6.55E-07	6.36E-07	2.30E-10	6.94E-10	4.02E-10	3.97E-10	3.59E-10	1.64E-10	1.59E-10	0.00E+00	0.00E+00	7.39E-11	1.35E-11	8.54E-11	1.32E-11	1.23E-11	1.98E-10
160	486683.18	3856293.15	6.69E-07	6.60E-07	6.41E-07	2.32E-10	6.99E-10	4.05E-10	4.00E-10	3.62E-10	1.65E-10	1.60E-10	0.00E+00	0.00E+00	7.45E-11	1.36E-11	8.61E-11	1.33E-11	1.24E-11	2.00E-10
161	486733.18	3856293.15	6.75E-07	6.66E-07	6.47E-07	2.34E-10	7.06E-10	4.09E-10	4.03E-10	3.65E-10	1.67E-10	1.62E-10	0.00E+00	0.00E+00	7.52E-11	1.37E-11	8.68E-11	1.34E-11	1.25E-11	2.02E-10
162	486783.18	3856293.15	6.76E-07	6.67E-07	6.48E-07	2.34E-10	7.07E-10	4.09E-10	4.04E-10	3.66E-10	1.67E-10	1.62E-10	0.00E+00	0.00E+00	7.53E-11	1.37E-11	8.70E-11	1.34E-11	1.26E-11	2.02E-10
163	486783.18	3856343.15	7.07E-07	6.97E-07	6.77E-07	2.45E-10	7.39E-10	4.28E-10	4.22E-10	3.83E-10	1.75E-10	1.69E-10	0.00E+00	0.00E+00	7.87E-11	1.43E-11	9.09E-11	1.40E-11	1.31E-11	2.11E-10
164	486833.18	3856343.15	7.09E-07	7.00E-07	6.80E-07	2.45E-10	7.41E-10	4.29E-10	4.23E-10	3.84E-10	1.75E-10	1.70E-10	0.00E+00	0.00E+00	7.89E-11	1.44E-11	9.12E-11	1.41E-11	1.32E-11	2.12E-10
165	486883.18	3856343.15	7.10E-07	7.01E-07	6.81E-07	2.46E-10	7.42E-10	4.30E-10	4.24E-10	3.84E-10	1.75E-10	1.70E-10	0.00E+00	0.00E+00	7.91E-11	1.44E-11	9.14E-11	1.41E-11	1.32E-11	2.12E-10
166	486783.18	3856393.15	7.32E-07	7.22E-07	7.02E-07	2.53E-10	7.65E-10	4.43E-10	4.37E-10	3.96E-10	1.81E-10	1.76E-10	0.00E+00	0.00E+00	8.15E-11	1.48E-11	9.42E-11	1.45E-11	1.36E-11	2.19E-10
167	486833.18	3856393.15	7.37E-07	7.27E-07	7.06E-07	2.55E-10	7.70E-10	4.46E-10	4.40E-10	3.99E-10	1.82E-10	1.77E-10	0.00E+00	0.00E+00	8.20E-11	1.49E-11	9.48E-11	1.46E-11	1.37E-11	2.20E-10
168	486883.18	3856393.15	7.37E-07	7.28E-07	7.07E-07	2.55E-10	7.71E-10	4.46E-10	4.40E-10	3.99E-10	1.82E-10	1.77E-10	0.00E+00	0.00E+00	8.21E-11	1.49E-11	9.48E-11	1.46E-11	1.37E-11	2.20E-10
169	487208.74	3856886.11	1.14E-06	1.12E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.17E-10	2.82E-10	2.73E-10	0.00E+00	0.00E+00	1.27E-10	2.31E-11	1.47E-10	2.26E-11	2.12E-11	3.40E-10
170	487258.74	3856886.11	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.13E-11	3.43E-10
171	487308.74	3856886.11	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.96E-10	6.87E-10	6.23E-10	2.84E-10	2.76E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.14E-11	3.43E-10
172	487358.74	3856886.11	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.13E-11	3.43E-10
173	487208.74	3856936.11	1.18E-06	1.16E-06	1.13E-06	4.09E-10	1.23E-09	7.14E-10	7.05E-10	6.39E-10	2.92E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.52E-10
174	487258.74	3856936.11	1.20E-06	1.18E-06	1.15E-06	4.14E-10	1.25E-09	7.24E-10	7.15E-10	6.48E-10	2.96E-10	2.87E-10	0.00E+00	0.00E+00	1.33E-10	2.43E-11	1.54E-10	2.37E-11	2.22E-11	3.58E-10
175	487308.74	3856936.11	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.21E-10	6.54E-10	2.98E-10	2.90E-10	0.00E+00	0.00E+00	1.34E-10	2.45E-11	1.55E-10	2.39E-11	2.24E-11	3.61E-10
176	487358.74	3856936.11	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.31E-10	7.22E-10	6.54E-10	2.99E-10	2.90E-10	0.00E+00	0.00E+00	1.35E-10	2.45E-11	1.55E-10	2.40E-11	2.25E-11	3.61E-10
177	487208.74	3856986.11	1.21E-06	1.20E-06	1.16E-06	4.19E-10	1.27E-09	7.33E-10	7.24E-10	6.56E-10	2.99E-10	2.91E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.40E-11	2.25E-11	3.62E-10
178	487258.74	3856986.11	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.07E-10	2.99E-10	0.00E+00	0.00E+00	1.39E-10	2.52E-11	1.60E-10	2.47E-11	2.31E-11	3.72E-10
179	487308.74	3856986.11	1.26E-06	1.24E-06	1.21E-06	4.37E-10	1.32E-09	7.63E-10	7.53E-10	6.83E-10	3.12E-10	3.03E-10	0.00E+00	0.00E+00	1.40E-10	2.56E-11	1.62E-10	2.50E-11	2.34E-11	3.77E-10
180	487358.74	3856986.11	1.27E-06	1.26E-06	1.22E-06	4.41E-10	1.33E-09	7.70E-10	7.60E-10	6.89E-10	3.14E-10	3.05E-10	0.00E+00	0.00E+00	1.42E-10	2.58E-11	1.64E-10	2.52E-11	2.36E-11	3.80E-10
181	487208.74	3857036.11	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.46E-10	7.36E-10	6.67E-10	3.04E-10	2.96E-10	0.00E+00	0.00E+00	1.37E-10	2.50E-11	1.59E-10	2.44E-11	2.29E-11	3.68E-10
182	487258.74	3857036.11	1.28E-06	1.26E-06	1.22E-06	4.42E-10	1.33E-09	7.72E-10	7.62E-10	6.91E-10	3.15E-10	3.06E-10	0.00E+00	0.00E+00	1.42E-10	2.59E-11	1.64E-10	2.53E-11	2.37E-11	3.81E-10
183	487308.74	3857036.11	1.31E-06	1.30E-06	1.26E-06	4.54E-10	1.37E-09	7.94E-10	7.84E-10	7.11E-10	3.24E-10	3.15E-10	0.00E+00	0.00E+00	1.46E-10	2.66E-11	1.69E-10	2.60E-11	2.44E-11	3.92E-10
184	487358.74	3857036.11	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.97E-10	7.22E-10	3.30E-10	3.20E-10	0.00E+00	0.00E+00	1.49E-10	2.70E-11	1.72E-10	2.65E-11	2.48E-11	3.98E-10
185	487427.14	3856878.23	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.91E-10	6.82E-10	6.18E-10	2.82E-10	2.74E-10	0.00E+00	0.00E+00	1.27E-10	2.32E-11	1.47E-10	2.27E-11	2.12E-11	3.41E-10
186	487477.14	3856878.23	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.93E-10	6.84E-10	6.20E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.32E-11	1.47E-10	2.27E-11	2.13E-11	3.42E-10
187	487527.14	3856878.23	1.15E-06	1.14E-06	1.10E-06	3.99E-10	1.20E-09	6.97E-10	6.88E-10	6.23E-10	2.84E-10	2.76E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.14E-11	3.44E-10
188	487427.14	3856928.23	1.20E-06	1.18E-06	1.15E-06	4.16E-10	1.25E-09	7.26E-10	7.17E-10	6.50E-10	2.97E-10	2.88E-10	0.00E+00	0.00E+00	1.34E-10	2.43E-11	1.54E-10	2.38E-11	2.23E-11	3.58E-10
189	487477.14	3856928.23	1.20E-06	1.18E-06	1.15E-06	4.15E-10	1.25E-09	7.26E-10	7.16E-10	6.49E-10	2.96E-10	2.88E-10	0.00E+00	0.00E+00	1.33E-10	2.43E-11	1.54E-10	2.38E-11	2.23E-11	3.58E-10
190	487527.14	3856928.23	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.51E-10	2.97E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.44E-11	1.55E-10	2.39E-11	2.24E-11	3.59E-10
191	487577.14	3856928.23	1.21E-06	1.19E-06	1.16E-06	4.19E-10	1.27E-09	7.33E-10	7.23E-10	6.55E-10	2.99E-10	2.90E-10	0.00E+00	0.00E+00	1.35E-10	2.45E-11	1.56E-10	2.40E-11	2.25E-11	3.62E-10
192	487627.14	3856928.23	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.27E-09	7.37E-10	7.28E-10	6.60E-10	3.01E-10	2.92E-10	0.00E+00	0.00E+00	1.36E-10	2.47E-11	1.57E-10	2.42E-11	2.26E-11	3.64E-10
193	487677.14	3856928.23	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.47E-10	7.37E-10	6.68E-10	3.05E-10	2.96E-10	0.00E+00	0.00E+00	1.37E-10	2.50E-11	1.59E-10	2.45E-11	2.29E-11	3.69E-10
194	487727.14	3856928.23	1.25E-06	1.24E-06	1.20E-06	4.33E-10	1.31E-09	7.57E-10	7.48E-10	6.78E-10	3.09E-10	3.00E-10	0.00E+00	0.00E+00	1.39E-10	2.54E-11	1.61E-10	2.48E-11	2.33E-11	3.74E-10
195	487777.14	3856928.23	1.26E-06	1.25E-06	1.21E-06	4.38E-10	1.32E-09	7.65E-10	7.55E-10	6.84E-10	3.12E-10	3.03E-10	0.00E+00	0.00E+00	1.41E-10	2.56E-11	1.63E-10	2.51E-11	2.35E-11	3.78E-10
196	487427.14	3856978.23	1.26E-06	1.25E-06	1.21E-06	4.37E-10	1.32E-09	7.64E-10	7.54E-10	6.83E-10	3.12E-10	3.03E-10	0.00E+00	0.00E+00	1.40E-10	2.56E-11	1.62E-10	2.50E-11	2.34E-11	3.77E-10
197	487477.14	3856978.23	1.26E-06	1.25E-06	1.21E-06	4.37E-10	1.32E-09	7.64E-10	7.54E-10	6.83E-10	3.12E-10	3.03E-10	0.00E+00	0.00E+00	1.40E-10	2.56E-11	1.62E-10	2.50E-11	2.34E-11	3.77E-10
198	487527.14	3856978.23	1.26E-06	1.25E-06	1.21E-06	4.37E-10	1.32E-09	7.65E-10	7.55E-10	6.84E-10	3.12E-10	3.03E-10	0.00E+00	0.00E+00	1.41E-10	2.56E-11	1.63E-10	2.51E-11	2.35E-11	3.77E-10
199	487577.14	3856978.23	1.27E-06	1.25E-06	1.21E-06	4.39E-10	1.32E-09	7.67E-10	7.57E-10	6.86E-10	3.13E-10	3.04E-10	0.00E+00	0.00E+00	1.41E-10	2.57E-11	1.63E-10	2.51E-11	2.35E-11	3.78E-10
200	487627.14	3856978.23	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.70E-10	7.60E-10	6.89E-10	3.14E-10	3.05E-10	0.00E+00	0.00E+00	1.42E-10	2.58E-11	1.64E-10	2.52E-11	2.36E-11	3.80E-10
201	487677.14	3856978.23	1.29E-06	1.27E-06	1.23E-06	4.46E-10	1.35E-09	7.79E-10	7.69E-10	6.97E-10	3.18E-10	3.09E-10	0.00E+00	0.00E+00	1.43E-10	2.61E-11	1.66E-10	2.55E-11	2.39E-11	3.84E-10
202	487727.14	3856978.23	1.29E-06	1.28E-06	1.24E-06	4.48E-10	1.35E-09	7.83E-10	7.72E-10	7.00E-10	3.19E-10	3.10E-10	0.00E+00	0.00E+00	1.44E-10	2.62E-11	1.66E-10	2.57E-11	2.40E-11	3.86E-10
203	487777.14	3856978.23	1.32E-06	1.30E-06	1.27E-06	4.57E-10	1.38E-09	7.99E-10	7.89E-10	7.15E-10	3.26E-10	3.17E-10	0.00E+00	0.00E+00	1.47E-10	2.68E-11	1.70E-10	2.62E-11	2.45E-11	3.95E-10
204	487427.14	3857028.23	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.96E-10	7.22E-10	3.29E-10	3.20E-10	0.00E+00	0.00E+00	1.48E-10	2.70E-11	1.72E-10	2.64E-11	2.48E-11	3.98E-10
205	487477.14	3857028.23	1.33E-06	1.32E-06	1.28E-06	4.61E-10	1.39E-09	8.06E-10	7.96E-10	7.21E-10	3.29E-10	3.20E-10	0.00E+00	0.00E+00	1.48E-10	2.70E-11	1.71E-10	2.64E-11	2.48E-11	3.98E-10

206	487527.14	3857028.23	1.33E-06	1.31E-06	1.27E-06	4.60E-10	1.39E-09	8.05E-10	7.94E-10	7.20E-10	3.28E-10	3.19E-10	0.00E+00	0.00E+00	1.48E-10	2.70E-11	1.71E-10	2.64E-11	2.47E-11	3.97E-10
207	487577.14	3857028.23	1.33E-06	1.31E-06	1.28E-06	4.61E-10	1.39E-09	8.06E-10	7.95E-10	7.21E-10	3.29E-10	3.19E-10	0.00E+00	0.00E+00	1.48E-10	2.70E-11	1.71E-10	2.64E-11	2.47E-11	3.98E-10
208	487627.14	3857028.23	1.33E-06	1.31E-06	1.28E-06	4.61E-10	1.39E-09	8.06E-10	7.95E-10	7.21E-10	3.29E-10	3.19E-10	0.00E+00	0.00E+00	1.48E-10	2.70E-11	1.71E-10	2.64E-11	2.47E-11	3.98E-10
209	487677.14	3857028.23	1.34E-06	1.33E-06	1.29E-06	4.65E-10	1.40E-09	8.13E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	0.00E+00	0.00E+00	1.50E-10	2.72E-11	1.73E-10	2.66E-11	2.49E-11	4.01E-10
210	487727.14	3857028.23	1.36E-06	1.34E-06	1.31E-06	4.71E-10	1.42E-09	8.24E-10	8.13E-10	7.37E-10	3.36E-10	3.27E-10	0.00E+00	0.00E+00	1.52E-10	2.76E-11	1.75E-10	2.70E-11	2.53E-11	4.07E-10
211	487777.14	3857028.23	1.38E-06	1.36E-06	1.32E-06	4.77E-10	1.44E-09	8.34E-10	8.23E-10	7.46E-10	3.41E-10	3.31E-10	0.00E+00	0.00E+00	1.53E-10	2.80E-11	1.77E-10	2.74E-11	2.56E-11	4.12E-10
212	487427.14	3857078.23	1.40E-06	1.39E-06	1.35E-06	4.86E-10	1.47E-09	8.50E-10	8.39E-10	7.60E-10	3.47E-10	3.37E-10	0.00E+00	0.00E+00	1.56E-10	2.85E-11	1.81E-10	2.79E-11	2.61E-11	4.19E-10
213	487477.14	3857078.23	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.40E-10	7.62E-10	3.48E-10	3.37E-10	0.00E+00	0.00E+00	1.57E-10	2.85E-11	1.81E-10	2.79E-11	2.61E-11	4.20E-10
214	487527.14	3857078.23	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.50E-10	8.39E-10	7.61E-10	3.47E-10	3.37E-10	0.00E+00	0.00E+00	1.56E-10	2.85E-11	1.81E-10	2.79E-11	2.61E-11	4.20E-10
215	487577.14	3857078.23	1.40E-06	1.38E-06	1.34E-06	4.86E-10	1.47E-09	8.49E-10	8.38E-10	7.59E-10	3.47E-10	3.37E-10	0.00E+00	0.00E+00	1.56E-10	2.84E-11	1.80E-10	2.78E-11	2.61E-11	4.19E-10
216	487627.14	3857078.23	1.40E-06	1.38E-06	1.34E-06	4.85E-10	1.47E-09	8.48E-10	8.37E-10	7.59E-10	3.46E-10	3.36E-10	0.00E+00	0.00E+00	1.56E-10	2.84E-11	1.80E-10	2.78E-11	2.60E-11	4.19E-10
217	487677.14	3857078.23	1.41E-06	1.39E-06	1.35E-06	4.88E-10	1.47E-09	8.53E-10	8.42E-10	7.63E-10	3.48E-10	3.38E-10	0.00E+00	0.00E+00	1.57E-10	2.86E-11	1.81E-10	2.80E-11	2.62E-11	4.21E-10
218	487727.14	3857078.23	1.42E-06	1.41E-06	1.37E-06	4.93E-10	1.49E-09	8.62E-10	8.51E-10	7.71E-10	3.52E-10	3.42E-10	0.00E+00	0.00E+00	1.59E-10	2.89E-11	1.83E-10	2.83E-11	2.65E-11	4.25E-10
219	487777.14	3857078.23	1.44E-06	1.42E-06	1.38E-06	4.98E-10	1.50E-09	8.70E-10	8.59E-10	7.79E-10	3.55E-10	3.45E-10	0.00E+00	0.00E+00	1.60E-10	2.92E-11	1.85E-10	2.85E-11	2.67E-11	4.30E-10
220	487427.14	3857128.23	1.47E-06	1.45E-06	1.41E-06	5.09E-10	1.54E-09	8.90E-10	8.79E-10	7.97E-10	3.64E-10	3.53E-10	0.00E+00	0.00E+00	1.64E-10	2.98E-11	1.89E-10	2.92E-11	2.73E-11	4.39E-10
221	487477.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.14E-10	1.55E-09	8.98E-10	8.86E-10	8.03E-10	3.67E-10	3.56E-10	0.00E+00	0.00E+00	1.65E-10	3.01E-11	1.91E-10	2.94E-11	2.76E-11	4.43E-10
222	487527.14	3857128.23	1.48E-06	1.47E-06	1.42E-06	5.14E-10	1.55E-09	8.99E-10	8.87E-10	8.04E-10	3.67E-10	3.56E-10	0.00E+00	0.00E+00	1.65E-10	3.01E-11	1.91E-10	2.95E-11	2.76E-11	4.43E-10
223	487577.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.97E-10	8.85E-10	8.03E-10	3.66E-10	3.56E-10	0.00E+00	0.00E+00	1.65E-10	3.01E-11	1.91E-10	2.94E-11	2.75E-11	4.43E-10
224	487627.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.91E-10	2.94E-11	2.75E-11	4.42E-10
225	487677.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.91E-10	2.94E-11	2.75E-11	4.42E-10
226	487727.14	3857128.23	1.50E-06	1.48E-06	1.43E-06	5.18E-10	1.56E-09	9.05E-10	8.93E-10	8.10E-10	3.70E-10	3.59E-10	0.00E+00	0.00E+00	1.67E-10	3.03E-11	1.92E-10	2.97E-11	2.78E-11	4.47E-10
227	487777.14	3857128.23	1.51E-06	1.49E-06	1.45E-06	5.22E-10	1.58E-09	9.13E-10	9.01E-10	8.16E-10	3.73E-10	3.62E-10	0.00E+00	0.00E+00	1.68E-10	3.06E-11	1.94E-10	2.99E-11	2.80E-11	4.50E-10
228	488049.44	3856539.39	9.99E-07	9.86E-07	9.57E-07	3.46E-10	1.04E-09	6.04E-10	5.96E-10	5.41E-10	2.47E-10	2.40E-10	0.00E+00	0.00E+00	1.11E-10	2.02E-11	1.28E-10	1.98E-11	1.86E-11	2.98E-10
229	488099.44	3856539.39	1.00E-06	9.91E-07	9.62E-07	3.48E-10	1.05E-09	6.08E-10	6.00E-10	5.44E-10	2.48E-10	2.41E-10	0.00E+00	0.00E+00	1.12E-10	2.04E-11	1.29E-10	1.99E-11	1.87E-11	3.00E-10
230	488149.44	3856539.39	1.01E-06	1.00E-06	9.71E-07	3.51E-10	1.06E-09	6.13E-10	6.05E-10	5.48E-10	2.50E-10	2.43E-10	0.00E+00	0.00E+00	1.13E-10	2.05E-11	1.30E-10	2.01E-11	1.88E-11	3.03E-10
231	488049.44	3856589.39	1.04E-06	1.02E-06	9.95E-07	3.59E-10	1.09E-09	6.28E-10	6.20E-10	5.62E-10	2.57E-10	2.49E-10	0.00E+00	0.00E+00	1.16E-10	2.10E-11	1.34E-10	2.06E-11	1.93E-11	3.10E-10
232	488099.44	3856589.39	1.04E-06	1.03E-06	1.00E-06	3.62E-10	1.09E-09	6.32E-10	6.24E-10	5.66E-10	2.58E-10	2.51E-10	0.00E+00	0.00E+00	1.16E-10	2.12E-11	1.34E-10	2.07E-11	1.94E-11	3.12E-10
233	488149.44	3856589.39	1.05E-06	1.04E-06	1.01E-06	3.64E-10	1.10E-09	6.37E-10	6.29E-10	5.70E-10	2.60E-10	2.52E-10	0.00E+00	0.00E+00	1.17E-10	2.13E-11	1.35E-10	2.09E-11	1.96E-11	3.14E-10
234	488199.44	3856589.39	1.06E-06	1.04E-06	1.01E-06	3.66E-10	1.11E-09	6.40E-10	6.32E-10	5.73E-10	2.61E-10	2.54E-10	0.00E+00	0.00E+00	1.18E-10	2.15E-11	1.36E-10	2.10E-11	1.97E-11	3.16E-10
235	488249.44	3856589.39	1.07E-06	1.06E-06	1.03E-06	3.72E-10	1.12E-09	6.50E-10	6.42E-10	5.82E-10	2.65E-10	2.58E-10	0.00E+00	0.00E+00	1.20E-10	2.18E-11	1.38E-10	2.13E-11	2.00E-11	3.21E-10
236	488049.44	3856639.39	1.08E-06	1.06E-06	1.03E-06	3.73E-10	1.13E-09	6.53E-10	6.44E-10	5.84E-10	2.67E-10	2.59E-10	0.00E+00	0.00E+00	1.20E-10	2.19E-11	1.39E-10	2.14E-11	2.00E-11	3.22E-10
237	488099.44	3856639.39	1.09E-06	1.07E-06	1.04E-06	3.76E-10	1.14E-09	6.57E-10	6.49E-10	5.88E-10	2.68E-10	2.60E-10	0.00E+00	0.00E+00	1.21E-10	2.20E-11	1.40E-10	2.15E-11	2.02E-11	3.24E-10
238	488149.44	3856639.39	1.09E-06	1.08E-06	1.05E-06	3.78E-10	1.14E-09	6.62E-10	6.53E-10	5.92E-10	2.70E-10	2.62E-10	0.00E+00	0.00E+00	1.22E-10	2.22E-11	1.41E-10	2.17E-11	2.03E-11	3.27E-10
239	488199.44	3856639.39	1.10E-06	1.09E-06	1.06E-06	3.82E-10	1.15E-09	6.68E-10	6.59E-10	5.98E-10	2.73E-10	2.65E-10	0.00E+00	0.00E+00	1.23E-10	2.24E-11	1.42E-10	2.19E-11	2.05E-11	3.30E-10
240	488249.44	3856639.39	1.11E-06	1.10E-06	1.07E-06	3.86E-10	1.16E-09	6.74E-10	6.65E-10	6.03E-10	2.75E-10	2.67E-10	0.00E+00	0.00E+00	1.24E-10	2.26E-11	1.43E-10	2.21E-11	2.07E-11	3.33E-10
241	488299.44	3856639.39	1.12E-06	1.11E-06	1.08E-06	3.89E-10	1.18E-09	6.80E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	0.00E+00	0.00E+00	1.25E-10	2.28E-11	1.45E-10	2.23E-11	2.09E-11	3.36E-10
242	488349.44	3856639.39	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.86E-10	6.77E-10	6.13E-10	2.80E-10	2.72E-10	0.00E+00	0.00E+00	1.26E-10	2.30E-11	1.46E-10	2.25E-11	2.10E-11	3.38E-10
243	488399.44	3856639.39	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.95E-10	6.86E-10	6.22E-10	2.84E-10	2.76E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.13E-11	3.43E-10
244	488099.44	3856689.39	1.13E-06	1.12E-06	1.08E-06	3.92E-10	1.18E-09	6.84E-10	6.75E-10	6.12E-10	2.79E-10	2.71E-10	0.00E+00	0.00E+00	1.26E-10	2.29E-11	1.45E-10	2.24E-11	2.10E-11	3.38E-10
245	488149.44	3856689.39	1.14E-06	1.12E-06	1.09E-06	3.94E-10	1.19E-09	6.89E-10	6.80E-10	6.16E-10	2.81E-10	2.73E-10	0.00E+00	0.00E+00	1.27E-10	2.31E-11	1.46E-10	2.26E-11	2.11E-11	3.40E-10
246	488199.44	3856689.39	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.95E-10	6.86E-10	6.22E-10	2.84E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.13E-11	3.43E-10
247	488249.44	3856689.39	1.16E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.99E-10	6.90E-10	6.25E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.29E-10	2.34E-11	1.49E-10	2.29E-11	2.15E-11	3.45E-10
248	488299.44	3856689.39	1.17E-06	1.15E-06	1.12E-06	4.05E-10	1.22E-09	7.08E-10	6.98E-10	6.33E-10	2.89E-10	2.80E-10	0.00E+00	0.00E+00	1.30E-10	2.37E-11	1.50E-10	2.32E-11	2.17E-11	3.49E-10
249	488349.44	3856689.39	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.52E-10
250	488399.44	3856689.39	1.18E-06	1.17E-06	1.13E-06	4.10E-10	1.24E-09	7.16E-10	7.07E-10	6.41E-10	2.92E-10	2.84E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.35E-11	2.20E-11	3.53E-10
251	488099.44	3856739.39	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.14E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.52E-10
252	488149.44	3856739.39	1.18E-06	1.17E-06	1.14E-06	4.10E-10	1.24E-09	7.17E-10	7.07E-10	6.41E-10	2.93E-10	2.84E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.35E-11	2.20E-11	3.54E-10
253	488199.44	3856739.39	1.20E-06	1.18E-06	1.15E-06	4.14E-10	1.25E-09	7.24E-10	7.15E-10	6.48E-10	2.96E-10	2.87E-10	0.00E+00	0.00E+00	1.33E-10	2.43E-11	1.54E-10	2.37E-11	2.22E-11	3.58E-10
254	488249.44	3856739.39	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.52E-10	2.97E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.44E-11	1.55E-10	2.39E-11	2.24E-11	3.59E-10
255	488299.44	3856739.39	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.20E-10	6.53E-10	2.98E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.45E-11	1.55E-10	2.39E-11	2.24E-11	3.60E-10
256	488349.44	3856739.39	1.22E-06	1.21E-06	1.17E-06	4.24E-10	1.28E-09	7.41E-10	7.31E-10	6.63E-10	3.03E-10	2.94E-10	0.00E+00	0.00E+00	1.36E-10	2.48E-11	1.58E-10	2.43E-11	2.27E-11	3.66E-10
257	488399.44	3856739.39	1.24E-06	1.23E-06	1.19E-06	4.30E-10	1.30E-09	7.52E-10	7.42E-10	6.73E-10	3.07E-10	2.98E-10	0.00E+00	0.00E+00	1.38E-10	2.52E-11	1.60E-10	2.47E-11	2.31E-11	3.71E-10
258	487999.44	3856789.39	1.20E-06	1.18E-06	1.15E-06	4.15E-10	1.25E-09	7.25E-10	7.16E-10	6.49E-10	2.96E-10	2.87E-10	0.00E+00	0.00E+00	1.33E-10	2.43E-11	1.54E-10	2.38E-11	2.23E-11	3.58E-10

259	488049.44	3856789.39	1.21E-06	1.19E-06	1.16E-06	4.19E-10	1.26E-09	7.32E-10	7.23E-10	6.55E-10	2.99E-10	2.90E-10	0.00E+00	0.00E+00	1.35E-10	2.45E-11	1.56E-10	2.40E-11	2.25E-11	3.61E-10
260	488099.44	3856789.39	1.23E-06	1.21E-06	1.17E-06	4.24E-10	1.28E-09	7.41E-10	7.32E-10	6.63E-10	3.03E-10	2.94E-10	0.00E+00	0.00E+00	1.36E-10	2.48E-11	1.58E-10	2.43E-11	2.28E-11	3.66E-10
261	488149.44	3856789.39	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.46E-10	7.37E-10	6.68E-10	3.05E-10	2.96E-10	0.00E+00	0.00E+00	1.37E-10	2.50E-11	1.59E-10	2.45E-11	2.29E-11	3.68E-10
262	488199.44	3856789.39	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.07E-10	2.98E-10	0.00E+00	0.00E+00	1.38E-10	2.52E-11	1.60E-10	2.47E-11	2.31E-11	3.72E-10
263	488249.44	3856789.39	1.25E-06	1.24E-06	1.20E-06	4.33E-10	1.31E-09	7.58E-10	7.48E-10	6.78E-10	3.09E-10	3.00E-10	0.00E+00	0.00E+00	1.39E-10	2.54E-11	1.61E-10	2.48E-11	2.33E-11	3.74E-10
264	488299.44	3856789.39	1.26E-06	1.24E-06	1.20E-06	4.35E-10	1.31E-09	7.60E-10	7.51E-10	6.80E-10	3.10E-10	3.01E-10	0.00E+00	0.00E+00	1.40E-10	2.55E-11	1.62E-10	2.49E-11	2.33E-11	3.75E-10
265	488349.44	3856789.39	1.28E-06	1.26E-06	1.22E-06	4.42E-10	1.33E-09	7.72E-10	7.62E-10	6.90E-10	3.15E-10	3.06E-10	0.00E+00	0.00E+00	1.42E-10	2.59E-11	1.64E-10	2.53E-11	2.37E-11	3.81E-10
266	488399.44	3856789.39	1.29E-06	1.28E-06	1.24E-06	4.47E-10	1.35E-09	7.82E-10	7.72E-10	7.00E-10	3.19E-10	3.10E-10	0.00E+00	0.00E+00	1.44E-10	2.62E-11	1.66E-10	2.56E-11	2.40E-11	3.86E-10
267	487949.44	3856839.39	1.23E-06	1.22E-06	1.18E-06	4.26E-10	1.29E-09	7.45E-10	7.35E-10	6.66E-10	3.04E-10	2.95E-10	0.00E+00	0.00E+00	1.37E-10	2.50E-11	1.58E-10	2.44E-11	2.29E-11	3.68E-10
268	487999.44	3856839.39	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.08E-10	2.99E-10	0.00E+00	0.00E+00	1.39E-10	2.52E-11	1.60E-10	2.47E-11	2.31E-11	3.72E-10
269	488049.44	3856839.39	1.26E-06	1.24E-06	1.21E-06	4.35E-10	1.31E-09	7.61E-10	7.51E-10	6.81E-10	3.11E-10	3.02E-10	0.00E+00	0.00E+00	1.40E-10	2.55E-11	1.62E-10	2.49E-11	2.34E-11	3.76E-10
270	488099.44	3856839.39	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.70E-10	7.59E-10	6.88E-10	3.14E-10	3.05E-10	0.00E+00	0.00E+00	1.42E-10	2.58E-11	1.64E-10	2.52E-11	2.36E-11	3.80E-10
271	488149.44	3856839.39	1.28E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.77E-10	7.67E-10	6.95E-10	3.17E-10	3.08E-10	0.00E+00	0.00E+00	1.43E-10	2.60E-11	1.65E-10	2.55E-11	2.39E-11	3.84E-10
272	488199.44	3856839.39	1.30E-06	1.28E-06	1.24E-06	4.49E-10	1.35E-09	7.84E-10	7.74E-10	7.02E-10	3.20E-10	3.11E-10	0.00E+00	0.00E+00	1.44E-10	2.63E-11	1.67E-10	2.57E-11	2.41E-11	3.87E-10
273	487949.44	3856889.39	1.28E-06	1.26E-06	1.22E-06	4.42E-10	1.33E-09	7.72E-10	7.62E-10	6.91E-10	3.15E-10	3.06E-10	0.00E+00	0.00E+00	1.42E-10	2.59E-11	1.64E-10	2.53E-11	2.37E-11	3.81E-10
274	487999.44	3856889.39	1.30E-06	1.28E-06	1.24E-06	4.49E-10	1.36E-09	7.84E-10	7.74E-10	7.02E-10	3.20E-10	3.11E-10	0.00E+00	0.00E+00	1.44E-10	2.63E-11	1.67E-10	2.57E-11	2.41E-11	3.87E-10
275	488049.44	3856889.39	1.31E-06	1.29E-06	1.25E-06	4.52E-10	1.37E-09	7.90E-10	7.80E-10	7.07E-10	3.23E-10	3.13E-10	0.00E+00	0.00E+00	1.45E-10	2.65E-11	1.68E-10	2.59E-11	2.43E-11	3.90E-10
276	488099.44	3856889.39	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.01E-10	7.91E-10	7.17E-10	3.27E-10	3.18E-10	0.00E+00	0.00E+00	1.47E-10	2.68E-11	1.70E-10	2.63E-11	2.46E-11	3.95E-10
277	488635.86	3857895.05	8.51E-06	8.40E-06	8.16E-06	2.95E-09	8.90E-09	5.15E-09	5.08E-09	4.61E-09	2.10E-09	2.04E-09	0.00E+00	0.00E+00	9.48E-10	1.73E-10	1.09E-09	1.69E-10	1.58E-10	2.54E-09
278	489137.64	3857804.15	7.03E-06	6.94E-06	6.74E-06	2.43E-09	7.35E-09	4.25E-09	4.20E-09	3.81E-09	1.74E-09	1.69E-09	0.00E+00	0.00E+00	7.82E-10	1.42E-10	9.04E-10	1.39E-10	1.31E-10	2.10E-09
279	488617.32	3857859.41	6.90E-06	6.81E-06	6.62E-06	2.39E-09	7.22E-09	4.18E-09	4.12E-09	3.74E-09	1.71E-09	1.66E-09	0.00E+00	0.00E+00	7.68E-10	1.40E-10	8.88E-10	1.37E-10	1.28E-10	2.06E-09
280	488667.32	3857859.41	7.18E-06	7.09E-06	6.88E-06	2.49E-09	7.51E-09	4.34E-09	4.29E-09	3.89E-09	1.77E-09	1.72E-09	0.00E+00	0.00E+00	7.99E-10	1.46E-10	9.24E-10	1.42E-10	1.33E-10	2.14E-09
281	488717.32	3857859.41	7.42E-06	7.33E-06	7.12E-06	2.57E-09	7.76E-09	4.49E-09	4.43E-09	4.02E-09	1.83E-09	1.78E-09	0.00E+00	0.00E+00	8.26E-10	1.50E-10	9.55E-10	1.47E-10	1.38E-10	2.22E-09
282	488767.32	3857859.41	7.67E-06	7.57E-06	7.35E-06	2.65E-09	8.01E-09	4.64E-09	4.58E-09	4.15E-09	1.89E-09	1.84E-09	0.00E+00	0.00E+00	8.54E-10	1.55E-10	9.86E-10	1.52E-10	1.42E-10	2.29E-09
283	488617.32	3857909.41	9.17E-06	9.05E-06	8.79E-06	3.17E-09	9.58E-09	5.55E-09	5.47E-09	4.96E-09	2.26E-09	2.20E-09	0.00E+00	0.00E+00	1.02E-09	1.86E-10	1.18E-09	1.82E-10	1.70E-10	2.74E-09
284	488667.32	3857909.41	9.45E-06	9.33E-06	9.06E-06	3.27E-09	9.88E-09	5.72E-09	5.65E-09	5.12E-09	2.34E-09	2.27E-09	0.00E+00	0.00E+00	1.05E-09	1.92E-10	1.22E-09	1.88E-10	1.76E-10	2.82E-09
285	488717.32	3857909.41	9.64E-06	9.51E-06	9.24E-06	3.34E-09	1.01E-08	5.83E-09	5.76E-09	5.22E-09	2.38E-09	2.31E-09	0.00E+00	0.00E+00	1.07E-09	1.95E-10	1.24E-09	1.91E-10	1.79E-10	2.88E-09
286	488767.32	3857909.41	9.77E-06	9.64E-06	9.36E-06	3.38E-09	1.02E-08	5.91E-09	5.84E-09	5.29E-09	2.41E-09	2.34E-09	0.00E+00	0.00E+00	1.09E-09	1.98E-10	1.26E-09	1.94E-10	1.81E-10	2.92E-09
287	488417.32	3857959.41	1.10E-05	1.09E-05	1.06E-05	3.81E-09	1.15E-08	6.67E-09	6.58E-09	5.96E-09	2.72E-09	2.64E-09	0.00E+00	0.00E+00	1.23E-09	2.23E-10	1.42E-09	2.18E-10	2.05E-10	3.29E-09
288	488467.32	3857959.41	1.18E-05	1.16E-05	1.13E-05	4.07E-09	1.23E-08	7.11E-09	7.02E-09	6.36E-09	2.90E-09	2.82E-09	0.00E+00	0.00E+00	1.31E-09	2.38E-10	1.51E-09	2.33E-10	2.18E-10	3.51E-09
289	488517.32	3857959.41	1.24E-05	1.23E-05	1.19E-05	4.30E-09	1.30E-08	7.51E-09	7.41E-09	6.72E-09	3.07E-09	2.98E-09	0.00E+00	0.00E+00	1.38E-09	2.52E-10	1.60E-09	2.46E-10	2.31E-10	3.71E-09
290	488567.32	3857959.41	1.28E-05	1.26E-05	1.23E-05	4.44E-09	1.34E-08	7.75E-09	7.65E-09	6.94E-09	3.17E-09	3.07E-09	0.00E+00	0.00E+00	1.43E-09	2.60E-10	1.65E-09	2.54E-10	2.38E-10	3.83E-09
291	488617.32	3857959.41	1.30E-05	1.28E-05	1.24E-05	4.49E-09	1.36E-08	7.85E-09	7.75E-09	7.03E-09	3.21E-09	3.11E-09	0.00E+00	0.00E+00	1.44E-09	2.63E-10	1.67E-09	2.57E-10	2.41E-10	3.88E-09
292	488667.32	3857959.41	1.30E-05	1.28E-05	1.24E-05	4.49E-09	1.36E-08	7.85E-09	7.75E-09	7.03E-09	3.21E-09	3.11E-09	0.00E+00	0.00E+00	1.44E-09	2.63E-10	1.67E-09	2.57E-10	2.41E-10	3.88E-09
293	488717.32	3857959.41	1.29E-05	1.27E-05	1.23E-05	4.46E-09	1.35E-08	7.79E-09	7.69E-09	6.97E-09	3.18E-09	3.09E-09	0.00E+00	0.00E+00	1.43E-09	2.61E-10	1.66E-09	2.55E-10	2.39E-10	3.85E-09
294	488767.32	3857959.41	1.27E-05	1.25E-05	1.22E-05	4.40E-09	1.33E-08	7.69E-09	7.59E-09	6.88E-09	3.14E-09	3.05E-09	0.00E+00	0.00E+00	1.42E-09	2.58E-10	1.64E-09	2.52E-10	2.36E-10	3.80E-09
295	488417.32	3858009.41	2.08E-05	2.06E-05	2.00E-05	7.22E-09	2.18E-08	1.26E-08	1.24E-08	1.13E-08	5.15E-09	5.00E-09	0.00E+00	0.00E+00	2.32E-09	4.23E-10	2.68E-09	4.14E-10	3.87E-10	6.23E-09
296	488467.32	3858009.41	2.12E-05	2.09E-05	2.03E-05	7.34E-09	2.22E-08	1.28E-08	1.27E-08	1.15E-08	5.24E-09	5.09E-09	0.00E+00	0.00E+00	2.36E-09	4.30E-10	2.73E-09	4.21E-10	3.94E-10	6.33E-09
297	488517.32	3858009.41	2.07E-05	2.05E-05	1.99E-05	7.18E-09	2.17E-08	1.25E-08	1.24E-08	1.12E-08	5.12E-09	4.97E-09	0.00E+00	0.00E+00	2.31E-09	4.20E-10	2.67E-09	4.11E-10	3.85E-10	6.19E-09
298	488567.32	3858009.41	1.99E-05	1.97E-05	1.91E-05	6.90E-09	2.08E-08	1.21E-08	1.19E-08	1.08E-08	4.92E-09	4.78E-09	0.00E+00	0.00E+00	2.22E-09	4.04E-10	2.56E-09	3.95E-10	3.70E-10	5.95E-09
299	488617.32	3858009.41	1.90E-05	1.88E-05	1.82E-05	6.59E-09	1.99E-08	1.15E-08	1.14E-08	1.03E-08	4.70E-09	4.57E-09	0.00E+00	0.00E+00	2.12E-09	3.86E-10	2.45E-09	3.78E-10	3.54E-10	5.68E-09
300	488667.32	3858009.41	1.82E-05	1.79E-05	1.74E-05	6.28E-09	1.90E-08	1.10E-08	1.08E-08	9.83E-09	4.48E-09	4.35E-09	0.00E+00	0.00E+00	2.02E-09	3.68E-10	2.33E-09	3.60E-10	3.37E-10	5.42E-09
301	488717.32	3858009.41	1.73E-05	1.71E-05	1.66E-05	5.99E-09	1.81E-08	1.05E-08	1.03E-08	9.37E-09	4.28E-09	4.15E-09	0.00E+00	0.00E+00	1.93E-09	3.51E-10	2.23E-09	3.43E-10	3.22E-10	5.17E-09
302	488767.32	3858009.41	1.66E-05	1.63E-05	1.59E-05	5.73E-09	1.73E-08	1.00E-08	9.89E-09	8.96E-09	4.09E-09	3.97E-09	0.00E+00	0.00E+00	1.84E-09	3.36E-10	2.13E-09	3.28E-10	3.08E-10	4.94E-09
303	488417.32	3858059.41	4.91E-05	4.84E-05	4.70E-05	1.70E-08	5.13E-08	2.97E-08	2.93E-08	2.66E-08	1.21E-08	1.18E-08	0.00E+00	0.00E+00	5.46E-09	9.94E-10	6.31E-09	9.73E-10	9.11E-10	1.47E-08
304	488467.32	3858059.41	4.05E-05	3.99E-05	3.88E-05	1.40E-08	4.23E-08	2.45E-08	2.42E-08	2.19E-08	9.99E-09	9.70E-09	0.00E+00	0.00E+00	4.50E-09	8.20E-10	5.20E-09	8.02E-10	7.51E-10	1.21E-08
305	488517.32	3858059.41	3.46E-05	3.41E-05	3.31E-05	1.20E-08	3.62E-08	2.09E-08	2.07E-08	1.87E-08	8.54E-09	8.30E-09	0.00E+00	0.00E+00	3.85E-09	7.01E-10	4.45E-09	6.86E-10	6.42E-10	1.03E-08
306	488567.32	3858059.41	3.03E-05	2.99E-05	2.91E-05	1.05E-08	3.17E-08	1.83E-08	1.81E-08	1.64E-08	7.49E-09	7.27E-09	0.00E+00	0.00E+00	3.37E-09	6.14E-10	3.90E-09	6.01E-10	5.63E-10	9.05E-09
307	488617.32	3858059.41	2.71E-05	2.67E-05	2.60E-05	9.38E-09	2.83E-08	1.64E-08	1.62E-08	1.47E-08	6.69E-09	6.50E-09	0.00E+00	0.00E+00	3.02E-09	5.49E-10	3.49E-09	5.38E-10	5.03E-10	8.09E-09
308	488667.32	3858059.41	2.46E-05	2.43E-05	2.36E-05	8.53E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.08E-09	5.91E-09	0.00E+00	0.00E+00	2.74E-09	4.99E-10	3.17E-09	4.89E-10	4.58E-10	7.36E-09
309	488417.32	3858109.41	8.92E-05	8.80E-05	8.55E-05	3.09E-08	9.32E-08	5.40E-08	5.33E-08	4.83E-08	2.20E-08	2.14E-08	0.00E+00	0.00E+00	9.93E-09	1.81E-09	1.15E-08	1.77E-09	1.66E-09	2.66E-08
310	488467.32	3858109.41	6.47E-05	6.38E-05	6.20E-05	2.24E-08	6.76E-08	3.91E-08	3.86E-08	3.50E-08	1.60E-08	1.55E-08	0.00E+00	0.00E+00	7.20E-09	1.31E-09	8.32E-09	1.28E-09	1.20E-09	1.93E-08
311	488517.32	3858109.41	5.07E-05	5.01E-05	4.86E-05	1.76E-08	5.30E-08	3.07E-08	3.03E-08	2.75E-08	1.25E-08	1.22E-08	0.00E+00	0.00E+00	5.65E-09	1.03E-09	6.53E-09	1.01E-09	9.42E-10	1.52E-08

312	488567.32	3858109.41	4.20E-05	4.14E-05	4.02E-05	1.45E-08	4.39E-08	2.54E-08	2.51E-08	2.27E-08	1.04E-08	1.01E-08	0.00E+00	0.00E+00	4.67E-09	8.51E-10	5.40E-09	8.33E-10	7.80E-10	1.25E-08
313	488617.32	3858109.41	3.59E-05	3.54E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.14E-08	1.94E-08	8.86E-09	8.61E-09	0.00E+00	0.00E+00	3.99E-09	7.27E-10	4.62E-09	7.12E-10	6.66E-10	1.07E-08
314	488667.32	3858109.41	3.16E-05	3.11E-05	3.02E-05	1.09E-08	3.30E-08	1.91E-08	1.88E-08	1.71E-08	7.79E-09	7.57E-09	0.00E+00	0.00E+00	3.51E-09	6.40E-10	4.06E-09	6.26E-10	5.86E-10	9.42E-09
315	488769.93	3858449.27	9.65E-05	9.53E-05	9.25E-05	3.34E-08	1.01E-07	5.84E-08	5.76E-08	5.23E-08	2.38E-08	2.32E-08	0.00E+00	0.00E+00	1.07E-08	1.96E-09	1.24E-08	1.91E-09	1.79E-09	2.88E-08
316	488819.93	3858449.27	7.04E-05	6.95E-05	6.75E-05	2.44E-08	7.36E-08	4.26E-08	4.20E-08	3.81E-08	1.74E-08	1.69E-08	0.00E+00	0.00E+00	7.84E-09	1.43E-09	9.05E-09	1.40E-09	1.31E-09	2.10E-08
317	488819.93	3858499.27	1.00E-04	9.91E-05	9.63E-05	3.48E-08	1.05E-07	6.08E-08	6.00E-08	5.44E-08	2.48E-08	2.41E-08	0.00E+00	0.00E+00	1.12E-08	2.04E-09	1.29E-08	1.99E-09	1.87E-09	3.00E-08
318	488869.93	3858499.27	7.27E-05	7.17E-05	6.97E-05	2.52E-08	7.60E-08	4.40E-08	4.34E-08	3.93E-08	1.80E-08	1.74E-08	0.00E+00	0.00E+00	8.09E-09	1.47E-09	9.35E-09	1.44E-09	1.35E-09	2.17E-08
319	488869.93	3858549.27	1.05E-04	1.03E-04	1.00E-04	3.63E-08	1.10E-07	6.34E-08	6.26E-08	5.67E-08	2.59E-08	2.51E-08	0.00E+00	0.00E+00	1.17E-08	2.12E-09	1.35E-08	2.08E-09	1.95E-09	3.13E-08
320	489438.17	3859571.48	1.78E-05	1.76E-05	1.71E-05	6.17E-09	1.86E-08	1.08E-08	1.06E-08	9.65E-09	4.40E-09	4.28E-09	0.00E+00	0.00E+00	1.98E-09	3.61E-10	2.29E-09	3.54E-10	3.31E-10	5.32E-09
321	489488.17	3859571.48	1.60E-05	1.58E-05	1.54E-05	5.55E-09	1.67E-08	9.69E-09	9.57E-09	8.67E-09	3.96E-09	3.84E-09	0.00E+00	0.00E+00	1.78E-09	3.25E-10	2.06E-09	3.18E-10	2.98E-10	4.78E-09
322	489538.17	3859571.48	1.46E-05	1.44E-05	1.40E-05	5.07E-09	1.53E-08	8.86E-09	8.74E-09	7.93E-09	3.62E-09	3.51E-09	0.00E+00	0.00E+00	1.63E-09	2.97E-10	1.88E-09	2.90E-10	2.72E-10	4.37E-09
323	489588.17	3859571.48	1.35E-05	1.34E-05	1.30E-05	4.69E-09	1.42E-08	8.20E-09	8.09E-09	7.33E-09	3.35E-09	3.25E-09	0.00E+00	0.00E+00	1.51E-09	2.75E-10	1.74E-09	2.69E-10	2.52E-10	4.05E-09
324	489438.17	3859621.48	1.32E-05	1.30E-05	1.26E-05	4.56E-09	1.38E-08	7.97E-09	7.87E-09	7.13E-09	3.26E-09	3.16E-09	0.00E+00	0.00E+00	1.47E-09	2.67E-10	1.70E-09	2.61E-10	2.45E-10	3.94E-09
325	489488.17	3859621.48	1.24E-05	1.23E-05	1.19E-05	4.30E-09	1.30E-08	7.52E-09	7.42E-09	6.73E-09	3.07E-09	2.98E-09	0.00E+00	0.00E+00	1.38E-09	2.52E-10	1.60E-09	2.46E-10	2.31E-10	3.71E-09
326	489538.17	3859621.48	1.18E-05	1.16E-05	1.13E-05	4.08E-09	1.23E-08	7.12E-09	7.03E-09	6.37E-09	2.91E-09	2.82E-09	0.00E+00	0.00E+00	1.31E-09	2.39E-10	1.51E-09	2.34E-10	2.19E-10	3.52E-09
327	489588.17	3859621.48	1.12E-05	1.11E-05	1.07E-05	3.88E-09	1.17E-08	6.78E-09	6.70E-09	6.07E-09	2.77E-09	2.69E-09	0.00E+00	0.00E+00	1.25E-09	2.27E-10	1.44E-09	2.22E-10	2.08E-10	3.35E-09
328	489238.17	3859671.48	1.73E-05	1.71E-05	1.66E-05	5.98E-09	1.81E-08	1.05E-08	1.03E-08	9.35E-09	4.27E-09	4.14E-09	0.00E+00	0.00E+00	1.92E-09	3.50E-10	2.22E-09	3.43E-10	3.21E-10	5.16E-09
329	489288.17	3859671.48	1.34E-05	1.33E-05	1.29E-05	4.65E-09	1.41E-08	8.14E-09	8.03E-09	7.28E-09	3.32E-09	3.23E-09	0.00E+00	0.00E+00	1.50E-09	2.73E-10	1.73E-09	2.67E-10	2.50E-10	4.02E-09
330	489338.17	3859671.48	1.19E-05	1.17E-05	1.14E-05	4.11E-09	1.24E-08	7.18E-09	7.09E-09	6.42E-09	2.93E-09	2.85E-09	0.00E+00	0.00E+00	1.32E-09	2.41E-10	1.53E-09	2.35E-10	2.20E-10	3.54E-09
331	489388.17	3859671.48	1.10E-05	1.09E-05	1.06E-05	3.81E-09	1.15E-08	6.67E-09	6.58E-09	5.96E-09	2.72E-09	2.64E-09	0.00E+00	0.00E+00	1.23E-09	2.23E-10	1.42E-09	2.18E-10	2.05E-10	3.29E-09
332	489438.17	3859671.48	1.04E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.32E-09	6.24E-09	5.66E-09	2.58E-09	2.51E-09	0.00E+00	0.00E+00	1.16E-09	2.12E-10	1.34E-09	2.07E-10	1.94E-10	3.12E-09
333	489488.17	3859671.48	1.01E-05	9.92E-06	9.63E-06	3.48E-09	1.05E-08	6.08E-09	6.00E-09	5.44E-09	2.48E-09	2.41E-09	0.00E+00	0.00E+00	1.12E-09	2.04E-10	1.29E-09	1.99E-10	1.87E-10	3.00E-09
334	489538.17	3859671.48	9.71E-06	9.58E-06	9.31E-06	3.36E-09	1.01E-08	5.87E-09	5.80E-09	5.26E-09	2.40E-09	2.33E-09	0.00E+00	0.00E+00	1.08E-09	1.97E-10	1.25E-09	1.93E-10	1.80E-10	2.90E-09
335	489588.17	3859671.48	9.41E-06	9.28E-06	9.01E-06	3.26E-09	9.83E-09	5.69E-09	5.62E-09	5.09E-09	2.32E-09	2.26E-09	0.00E+00	0.00E+00	1.05E-09	1.91E-10	1.21E-09	1.87E-10	1.75E-10	2.81E-09
336	489238.17	3859721.48	1.59E-05	1.57E-05	1.53E-05	5.52E-09	1.67E-08	9.65E-09	9.52E-09	8.63E-09	3.94E-09	3.83E-09	0.00E+00	0.00E+00	1.78E-09	3.23E-10	2.05E-09	3.16E-10	2.96E-10	4.76E-09
337	489288.17	3859721.48	1.21E-05	1.19E-05	1.16E-05	4.18E-09	1.26E-08	7.31E-09	7.21E-09	6.54E-09	2.98E-09	2.90E-09	0.00E+00	0.00E+00	1.34E-09	2.45E-10	1.55E-09	2.40E-10	2.24E-10	3.61E-09
338	489338.17	3859721.48	1.04E-05	1.03E-05	9.96E-06	3.60E-09	1.09E-08	6.29E-09	6.21E-09	5.63E-09	2.57E-09	2.49E-09	0.00E+00	0.00E+00	1.16E-09	2.11E-10	1.34E-09	2.06E-10	1.93E-10	3.10E-09
339	489388.17	3859721.48	9.53E-06	9.40E-06	9.13E-06	3.30E-09	9.96E-09	5.76E-09	5.69E-09	5.16E-09	2.35E-09	2.29E-09	0.00E+00	0.00E+00	1.06E-09	1.93E-10	1.23E-09	1.89E-10	1.77E-10	2.85E-09
340	489438.17	3859721.48	8.97E-06	8.85E-06	8.60E-06	3.10E-09	9.37E-09	5.43E-09	5.36E-09	4.86E-09	2.22E-09	2.15E-09	0.00E+00	0.00E+00	9.98E-10	1.82E-10	1.15E-09	1.78E-10	1.67E-10	2.68E-09
341	489488.17	3859721.48	8.60E-06	8.48E-06	8.24E-06	2.98E-09	8.98E-09	5.20E-09	5.13E-09	4.65E-09	2.12E-09	2.06E-09	0.00E+00	0.00E+00	9.57E-10	1.74E-10	1.11E-09	1.71E-10	1.60E-10	2.57E-09
342	489538.17	3859721.48	8.32E-06	8.22E-06	7.98E-06	2.88E-09	8.70E-09	5.04E-09	4.97E-09	4.51E-09	2.06E-09	2.00E-09	0.00E+00	0.00E+00	9.27E-10	1.69E-10	1.07E-09	1.65E-10	1.55E-10	2.49E-09
343	489588.17	3859721.48	8.11E-06	8.01E-06	7.78E-06	2.81E-09	8.48E-09	4.91E-09	4.85E-09	4.39E-09	2.00E-09	1.95E-09	0.00E+00	0.00E+00	9.03E-10	1.64E-10	1.04E-09	1.61E-10	1.51E-10	2.42E-09
344	489238.17	3859771.48	1.51E-05	1.49E-05	1.45E-05	5.23E-09	1.58E-08	9.14E-09	9.02E-09	8.18E-09	3.73E-09	3.62E-09	0.00E+00	0.00E+00	1.68E-09	3.06E-10	1.94E-09	3.00E-10	2.80E-10	4.51E-09
345	489288.17	3859771.48	1.12E-05	1.11E-05	1.07E-05	3.88E-09	1.17E-08	6.78E-09	6.69E-09	6.07E-09	2.77E-09	2.69E-09	0.00E+00	0.00E+00	1.25E-09	2.27E-10	1.44E-09	2.22E-10	2.08E-10	3.35E-09
346	489338.17	3859771.48	9.49E-06	9.36E-06	9.09E-06	3.28E-09	9.92E-09	5.74E-09	5.67E-09	5.14E-09	2.34E-09	2.28E-09	0.00E+00	0.00E+00	1.06E-09	1.92E-10	1.22E-09	1.88E-10	1.76E-10	2.83E-09
347	489388.17	3859771.48	8.60E-06	8.49E-06	8.24E-06	2.98E-09	8.99E-09	5.20E-09	5.14E-09	4.66E-09	2.12E-09	2.06E-09	0.00E+00	0.00E+00	9.58E-10	1.74E-10	1.11E-09	1.71E-10	1.60E-10	2.57E-09
348	489438.17	3859771.48	8.06E-06	7.95E-06	7.72E-06	2.79E-09	8.42E-09	4.88E-09	4.81E-09	4.36E-09	1.99E-09	1.93E-09	0.00E+00	0.00E+00	8.97E-10	1.63E-10	1.04E-09	1.60E-10	1.50E-10	2.41E-09
349	489488.17	3859771.48	7.69E-06	7.59E-06	7.37E-06	2.66E-09	8.04E-09	4.66E-09	4.59E-09	4.16E-09	1.90E-09	1.85E-09	0.00E+00	0.00E+00	8.56E-10	1.56E-10	9.90E-10	1.53E-10	1.43E-10	2.30E-09
350	489538.17	3859771.48	7.41E-06	7.32E-06	7.10E-06	2.57E-09	7.75E-09	4.49E-09	4.43E-09	4.01E-09	1.83E-09	1.78E-09	0.00E+00	0.00E+00	8.25E-10	1.50E-10	9.53E-10	1.47E-10	1.38E-10	2.21E-09
351	489588.17	3859771.48	7.21E-06	7.11E-06	6.91E-06	2.50E-09	7.53E-09	4.36E-09	4.30E-09	3.90E-09	1.78E-09	1.73E-09	0.00E+00	0.00E+00	8.02E-10	1.46E-10	9.27E-10	1.43E-10	1.34E-10	2.15E-09
352	489238.17	3859821.48	1.45E-05	1.43E-05	1.39E-05	5.02E-09	1.52E-08	8.78E-09	8.66E-09	7.85E-09	3.58E-09	3.48E-09	0.00E+00	0.00E+00	1.61E-09	2.94E-10	1.87E-09	2.88E-10	2.69E-10	4.33E-09
353	489288.17	3859821.48	1.06E-05	1.05E-05	1.02E-05	3.67E-09	1.11E-08	6.41E-09	6.33E-09	5.74E-09	2.62E-09	2.54E-09	0.00E+00	0.00E+00	1.18E-09	2.15E-10	1.36E-09	2.10E-10	1.97E-10	3.17E-09
354	489338.17	3859821.48	8.88E-06	8.77E-06	8.51E-06	3.07E-09	9.28E-09	5.37E-09	5.30E-09	4.81E-09	2.19E-09	2.13E-09	0.00E+00	0.00E+00	9.89E-10	1.80E-10	1.14E-09	1.76E-10	1.65E-10	2.65E-09
355	489388.17	3859821.48	7.97E-06	7.86E-06	7.64E-06	2.76E-09	8.33E-09	4.82E-09	4.76E-09	4.31E-09	1.97E-09	1.91E-09	0.00E+00	0.00E+00	8.87E-10	1.62E-10	1.02E-09	1.58E-10	1.48E-10	2.38E-09
356	489438.17	3859821.48	7.43E-06	7.33E-06	7.12E-06	2.57E-09	7.76E-09	4.49E-09	4.43E-09	4.02E-09	1.83E-09	1.78E-09	0.00E+00	0.00E+00	8.27E-10	1.51E-10	9.55E-10	1.47E-10	1.38E-10	2.22E-09
357	489488.17	3859821.48	7.06E-06	6.96E-06	6.76E-06	2.44E-09	7.38E-09	4.27E-09	4.21E-09	3.82E-09	1.74E-09	1.69E-09	0.00E+00	0.00E+00	7.85E-10	1.43E-10	9.08E-10	1.40E-10	1.31E-10	2.11E-09
358	489538.17	3859821.48	6.78E-06	6.69E-06	6.50E-06	2.35E-09	7.09E-09	4.10E-09	4.05E-09	3.67E-09	1.67E-09	1.63E-09	0.00E+00	0.00E+00	7.55E-10	1.37E-10	8.72E-10	1.34E-10	1.26E-10	2.02E-09
359	489588.17	3859821.48	6.57E-06	6.48E-06	6.30E-06	2.27E-09	6.87E-09	3.98E-09	3.92E-09	3.56E-09	1.62E-09	1.58E-09	0.00E+00	0.00E+00	7.31E-10	1.33E-10	8.45E-10	1.30E-10	1.22E-10	1.96E-09
360	489238.17	3859871.48	1.40E-05	1.39E-05	1.35E-05	4.86E-09	1.47E-08	8.50E-09	8.39E-09	7.60E-09	3.47E-09	3.37E-09	0.00E+00	0.00E+00	1.56E-09	2.85E-10	1.81E-09	2.79E-10	2.61E-10	4.19E-09
361	489288.17	3859871.48	1.02E-05	1.00E-05	9.74E-06	3.52E-09	1.06E-08	6.15E-09	6.07E-09	5.50E-09	2.51E-09	2.44E-09	0.00E+00	0.00E+00	1.13E-09	2.06E-10	1.31E-09	2.01E-10	1.89E-10	3.03E-09
362	489338.17	3859871.48	8.43E-06	8.32E-06	8.08E-06	2.92E-09	8.81E-09	5.10E-09	5.04E-09	4.56E-09	2.08E-09	2.02E-09	0.00E+00	0.00E+00	9.39E-10	1.71E-10	1.08E-09	1.67E-10	1.57E-10	2.52E-09
363	489388.17	3859871.48	7.50E-06	7.40E-06	7.19E-06	2.60E-09	7.84E-09	4.54E-09	4.48E-09	4.06E-09	1.85E-09	1.80E-09	0.00E+00	0.00E+00	8.35E-10	1.52E-10	9.65E-10	1.49E-10	1.39E-10	2.24E-09
364	489438.17	3859871.48	6.93E-06	6.84E-06	6.64E-06	2.40E-09	7.24E-09	4.19E-09	4.14E-09	3.75E-09	1.71E-09	1.66E-09	0.00E+00	0.00E+00	7.71E-10	1.40E-10	8.91E-10	1.37E-10	1.29E-10	2.07E-09

365	489488.17	3859871.48	6.53E-06	6.44E-06	6.25E-06	2.26E-09	6.82E-09	3.95E-09	3.90E-09	3.53E-09	1.61E-09	1.57E-09	0.00E+00	0.00E+00	7.26E-10	1.32E-10	8.39E-10	1.29E-10	1.21E-10	1.95E-09
366	489538.17	3859871.48	6.28E-06	6.20E-06	6.02E-06	2.17E-09	6.57E-09	3.80E-09	3.75E-09	3.40E-09	1.55E-09	1.51E-09	0.00E+00	0.00E+00	6.99E-10	1.27E-10	8.08E-10	1.25E-10	1.17E-10	1.88E-09
367	489588.17	3859871.48	6.08E-06	6.00E-06	5.82E-06	2.10E-09	6.35E-09	3.68E-09	3.63E-09	3.29E-09	1.50E-09	1.46E-09	0.00E+00	0.00E+00	6.76E-10	1.23E-10	7.82E-10	1.21E-10	1.13E-10	1.81E-09
368	489238.17	3859921.48	1.36E-05	1.35E-05	1.31E-05	4.72E-09	1.43E-08	8.25E-09	8.14E-09	7.38E-09	3.37E-09	3.27E-09	0.00E+00	0.00E+00	1.52E-09	2.76E-10	1.75E-09	2.70E-10	2.53E-10	4.07E-09
369	489288.17	3859921.48	9.73E-06	9.60E-06	9.33E-06	3.37E-09	1.02E-08	5.89E-09	5.81E-09	5.27E-09	2.40E-09	2.33E-09	0.00E+00	0.00E+00	1.08E-09	1.97E-10	1.25E-09	1.93E-10	1.81E-10	2.91E-09
370	489338.17	3859921.48	8.04E-06	7.94E-06	7.71E-06	2.78E-09	8.41E-09	4.87E-09	4.80E-09	4.35E-09	1.99E-09	1.93E-09	0.00E+00	0.00E+00	8.95E-10	1.63E-10	1.03E-09	1.60E-10	1.49E-10	2.40E-09
371	489388.17	3859921.48	7.10E-06	7.01E-06	6.81E-06	2.46E-09	7.42E-09	4.30E-09	4.24E-09	3.85E-09	1.75E-09	1.70E-09	0.00E+00	0.00E+00	7.91E-10	1.44E-10	9.14E-10	1.41E-10	1.32E-10	2.12E-09
372	489438.17	3859921.48	6.48E-06	6.39E-06	6.21E-06	2.24E-09	6.77E-09	3.92E-09	3.87E-09	3.51E-09	1.60E-09	1.55E-09	0.00E+00	0.00E+00	7.21E-10	1.31E-10	8.33E-10	1.28E-10	1.20E-10	1.93E-09
373	489488.17	3859921.48	6.09E-06	6.01E-06	5.84E-06	2.11E-09	6.37E-09	3.69E-09	3.64E-09	3.30E-09	1.51E-09	1.46E-09	0.00E+00	0.00E+00	6.78E-10	1.24E-10	7.84E-10	1.21E-10	1.13E-10	1.82E-09
374	489538.17	3859921.48	5.85E-06	5.77E-06	5.61E-06	2.03E-09	6.12E-09	3.54E-09	3.49E-09	3.17E-09	1.45E-09	1.40E-09	0.00E+00	0.00E+00	6.51E-10	1.19E-10	7.53E-10	1.16E-10	1.09E-10	1.75E-09
375	489588.17	3859921.48	5.64E-06	5.56E-06	5.40E-06	1.95E-09	5.89E-09	3.41E-09	3.37E-09	3.05E-09	1.39E-09	1.35E-09	0.00E+00	0.00E+00	6.27E-10	1.14E-10	7.25E-10	1.12E-10	1.05E-10	1.68E-09
376	489238.17	3859971.48	1.33E-05	1.31E-05	1.27E-05	4.59E-09	1.39E-08	8.02E-09	7.92E-09	7.18E-09	3.27E-09	3.18E-09	0.00E+00	0.00E+00	1.48E-09	2.69E-10	1.70E-09	2.63E-10	2.46E-10	3.96E-09
377	489288.17	3859971.48	9.42E-06	9.30E-06	9.03E-06	3.26E-09	9.85E-09	5.70E-09	5.63E-09	5.10E-09	2.33E-09	2.26E-09	0.00E+00	0.00E+00	1.05E-09	1.91E-10	1.21E-09	1.87E-10	1.75E-10	2.81E-09
378	489338.17	3859971.48	7.70E-06	7.60E-06	7.38E-06	2.67E-09	8.05E-09	4.66E-09	4.60E-09	4.17E-09	1.90E-09	1.85E-09	0.00E+00	0.00E+00	8.57E-10	1.56E-10	9.91E-10	1.53E-10	1.43E-10	2.30E-09
379	489388.17	3859971.48	6.73E-06	6.64E-06	6.45E-06	2.33E-09	7.03E-09	4.07E-09	4.02E-09	3.64E-09	1.66E-09	1.61E-09	0.00E+00	0.00E+00	7.49E-10	1.36E-10	8.66E-10	1.33E-10	1.25E-10	2.01E-09
380	489438.17	3859971.48	6.02E-06	5.94E-06	5.77E-06	2.08E-09	6.29E-09	3.64E-09	3.60E-09	3.26E-09	1.49E-09	1.44E-09	0.00E+00	0.00E+00	6.70E-10	1.22E-10	7.74E-10	1.19E-10	1.12E-10	1.80E-09
381	489488.17	3859971.48	5.50E-06	5.42E-06	5.27E-06	1.90E-09	5.74E-09	3.33E-09	3.28E-09	2.98E-09	1.36E-09	1.32E-09	0.00E+00	0.00E+00	6.12E-10	1.11E-10	7.07E-10	1.09E-10	1.02E-10	1.64E-09
382	489538.17	3859971.48	5.20E-06	5.13E-06	4.98E-06	1.80E-09	5.43E-09	3.14E-09	3.10E-09	2.81E-09	1.28E-09	1.25E-09	0.00E+00	0.00E+00	5.79E-10	1.05E-10	6.69E-10	1.03E-10	9.65E-11	1.55E-09
383	489588.17	3859971.48	5.00E-06	4.93E-06	4.79E-06	1.73E-09	5.22E-09	3.02E-09	2.98E-09	2.70E-09	1.23E-09	1.20E-09	0.00E+00	0.00E+00	5.56E-10	1.01E-10	6.43E-10	9.91E-11	9.28E-11	1.49E-09
384	483577.7	3854071	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	0.00E+00	0.00E+00	2.65E-11	4.82E-12	3.06E-11	4.72E-12	4.42E-12	7.10E-11
385	483627.7	3854071	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	0.00E+00	0.00E+00	2.66E-11	4.85E-12	3.08E-11	4.74E-12	4.44E-12	7.14E-11
386	483677.7	3854071	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.46E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	0.00E+00	0.00E+00	2.68E-11	4.87E-12	3.09E-11	4.77E-12	4.47E-12	7.18E-11
387	483727.7	3854071	2.42E-07	2.39E-07	2.32E-07	8.38E-11	2.53E-10	1.46E-10	1.45E-10	1.31E-10	5.98E-11	5.81E-11	0.00E+00	0.00E+00	2.69E-11	4.91E-12	3.11E-11	4.80E-12	4.50E-12	7.23E-11
388	483777.7	3854071	2.43E-07	2.40E-07	2.33E-07	8.41E-11	2.54E-10	1.47E-10	1.45E-10	1.31E-10	6.00E-11	5.82E-11	0.00E+00	0.00E+00	2.70E-11	4.92E-12	3.12E-11	4.82E-12	4.51E-12	7.25E-11
389	483577.7	3854121	2.40E-07	2.36E-07	2.30E-07	8.29E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	0.00E+00	0.00E+00	2.67E-11	4.86E-12	3.08E-11	4.75E-12	4.45E-12	7.15E-11
390	483627.7	3854121	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	0.00E+00	0.00E+00	2.67E-11	4.86E-12	3.09E-11	4.76E-12	4.46E-12	7.17E-11
391	483677.7	3854121	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	0.00E+00	0.00E+00	2.67E-11	4.87E-12	3.09E-11	4.76E-12	4.46E-12	7.17E-11
392	483727.7	3854121	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	0.00E+00	0.00E+00	2.67E-11	4.87E-12	3.09E-11	4.76E-12	4.46E-12	7.17E-11
393	483777.7	3854121	2.41E-07	2.38E-07	2.31E-07	8.35E-11	2.52E-10	1.46E-10	1.44E-10	1.31E-10	5.96E-11	5.79E-11	0.00E+00	0.00E+00	2.69E-11	4.89E-12	3.10E-11	4.79E-12	4.48E-12	7.20E-11
394	483577.7	3854171	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.45E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	0.00E+00	0.00E+00	2.68E-11	4.87E-12	3.09E-11	4.77E-12	4.46E-12	7.18E-11
395	483627.7	3854171	2.39E-07	2.36E-07	2.29E-07	8.29E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.91E-11	5.74E-11	0.00E+00	0.00E+00	2.67E-11	4.85E-12	3.08E-11	4.75E-12	4.45E-12	7.15E-11
396	483677.7	3854171	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.91E-11	5.74E-11	0.00E+00	0.00E+00	2.66E-11	4.85E-12	3.08E-11	4.75E-12	4.44E-12	7.15E-11
397	483727.7	3854171	2.40E-07	2.37E-07	2.30E-07	8.30E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	0.00E+00	0.00E+00	2.67E-11	4.86E-12	3.08E-11	4.76E-12	4.45E-12	7.16E-11
398	483777.7	3854171	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	0.00E+00	0.00E+00	2.67E-11	4.87E-12	3.09E-11	4.76E-12	4.46E-12	7.17E-11
399	483827.7	3854171	2.39E-07	2.35E-07	2.29E-07	8.26E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.89E-11	5.72E-11	0.00E+00	0.00E+00	2.66E-11	4.84E-12	3.07E-11	4.73E-12	4.43E-12	7.12E-11
400	483877.7	3854171	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.90E-11	5.73E-11	0.00E+00	0.00E+00	2.66E-11	4.85E-12	3.07E-11	4.74E-12	4.44E-12	7.14E-11
401	483727.7	3854221	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	0.00E+00	0.00E+00	2.67E-11	4.87E-12	3.09E-11	4.76E-12	4.46E-12	7.17E-11
402	483777.7	3854221	2.39E-07	2.36E-07	2.29E-07	8.29E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.91E-11	5.74E-11	0.00E+00	0.00E+00	2.67E-11	4.85E-12	3.08E-11	4.75E-12	4.45E-12	7.15E-11
403	483827.7	3854221	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	0.00E+00	0.00E+00	2.68E-11	4.88E-12	3.10E-11	4.78E-12	4.47E-12	7.19E-11
404	483877.7	3854221	2.40E-07	2.37E-07	2.30E-07	8.30E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	0.00E+00	0.00E+00	2.67E-11	4.86E-12	3.08E-11	4.75E-12	4.45E-12	7.16E-11
405	489150.19	3858726.45	8.34E-05	8.24E-05	8.00E-05	2.89E-08	8.72E-08	5.05E-08	4.98E-08	4.52E-08	2.06E-08	2.00E-08	0.00E+00	0.00E+00	9.29E-09	1.69E-09	1.07E-08	1.66E-09	1.55E-09	2.49E-08
406	489200.19	3858726.45	1.08E-04	1.07E-04	1.04E-04	3.75E-08	1.13E-07	6.56E-08	6.48E-08	5.87E-08	2.68E-08	2.60E-08	0.00E+00	0.00E+00	1.21E-08	2.20E-09	1.39E-08	2.15E-09	2.01E-09	3.24E-08
407	489150.19	3858776.45	1.04E-04	1.03E-04	1.00E-04	3.61E-08	1.09E-07	6.31E-08	6.23E-08	5.65E-08	2.58E-08	2.50E-08	0.00E+00	0.00E+00	1.16E-08	2.11E-09	1.34E-08	2.07E-09	1.94E-09	3.12E-08
408	489200.19	3858776.45	1.08E-04	1.07E-04	1.04E-04	3.75E-08	1.13E-07	6.55E-08	6.46E-08	5.86E-08	2.67E-08	2.60E-08	0.00E+00	0.00E+00	1.20E-08	2.19E-09	1.39E-08	2.15E-09	2.01E-09	3.23E-08
409	488919.6	3856400.76	1.06E-06	1.04E-06	1.01E-06	3.66E-10	1.10E-09	6.39E-10	6.31E-10	5.72E-10	2.61E-10	2.53E-10	0.00E+00	0.00E+00	1.18E-10	2.14E-11	1.36E-10	2.10E-11	1.96E-11	3.15E-10
410	488919.6	3856450.76	1.10E-06	1.08E-06	1.05E-06	3.80E-10	1.15E-09	6.64E-10	6.56E-10	5.94E-10	2.71E-10	2.63E-10	0.00E+00	0.00E+00	1.22E-10	2.23E-11	1.41E-10	2.18E-11	2.04E-11	3.28E-10
411	488969.6	3856450.76	1.10E-06	1.09E-06	1.05E-06	3.81E-10	1.15E-09	6.66E-10	6.57E-10	5.95E-10	2.72E-10	2.64E-10	0.00E+00	0.00E+00	1.22E-10	2.23E-11	1.41E-10	2.18E-11	2.04E-11	3.28E-10
412	488919.6	3856500.76	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.91E-10	6.82E-10	6.18E-10	2.82E-10	2.74E-10	0.00E+00	0.00E+00	1.27E-10	2.31E-11	1.47E-10	2.26E-11	2.12E-11	3.41E-10
413	488969.6	3856500.76	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.32E-11	1.47E-10	2.27E-11	2.13E-11	3.42E-10
414	488919.6	3856550.76	1.19E-06	1.17E-06	1.14E-06	4.12E-10	1.24E-09	7.20E-10	7.11E-10	6.44E-10	2.94E-10	2.85E-10	0.00E+00	0.00E+00	1.32E-10	2.41E-11	1.53E-10	2.36E-11	2.21E-11	3.55E-10
415	488969.6	3856550.76	1.19E-06	1.18E-06	1.14E-06	4.13E-10	1.25E-09	7.22E-10	7.13E-10	6.46E-10	2.95E-10	2.86E-10	0.00E+00	0.00E+00	1.33E-10	2.42E-11	1.54E-10	2.37E-11	2.22E-11	3.57E-10
416	488819.6	3856600.76	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.28E-09	7.38E-10	7.29E-10	6.61E-10	3.01E-10	2.93E-10	0.00E+00	0.00E+00	1.36E-10	2.47E-11	1.57E-10	2.42E-11	2.27E-11	3.64E-10
417	488869.6	3856600.76	1.23E-06	1.21E-06	1.18E-06	4.26E-10	1.29E-09	7.44E-10	7.35E-10	6.66E-10	3.04E-10	2.95E-10	0.00E+00	0.00E+00	1.37E-10	2.49E-11	1.58E-10	2.44E-11	2.28E-11	3.67E-10

418	488919.6	3856600.76	1.24E-06	1.22E-06	1.19E-06	4.29E-10	1.29E-09	7.49E-10	7.40E-10	6.71E-10	3.06E-10	2.97E-10	0.00E+00	0.00E+00	1.38E-10	2.51E-11	1.59E-10	2.46E-11	2.30E-11	3.70E-10
419	488819.6	3856650.76	1.27E-06	1.25E-06	1.22E-06	4.39E-10	1.33E-09	7.68E-10	7.58E-10	6.87E-10	3.14E-10	3.04E-10	0.00E+00	0.00E+00	1.41E-10	2.57E-11	1.63E-10	2.52E-11	2.36E-11	3.79E-10
420	488869.6	3856650.76	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.75E-10	7.65E-10	6.94E-10	3.16E-10	3.07E-10	0.00E+00	0.00E+00	1.43E-10	2.60E-11	1.65E-10	2.54E-11	2.38E-11	3.83E-10
421	488819.6	3856700.76	1.32E-06	1.30E-06	1.27E-06	4.57E-10	1.38E-09	8.00E-10	7.89E-10	7.15E-10	3.26E-10	3.17E-10	0.00E+00	0.00E+00	1.47E-10	2.68E-11	1.70E-10	2.62E-11	2.45E-11	3.95E-10
422	488869.6	3856700.76	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.97E-10	7.22E-10	3.30E-10	3.20E-10	0.00E+00	0.00E+00	1.49E-10	2.70E-11	1.72E-10	2.65E-11	2.48E-11	3.98E-10
423	488819.6	3856750.76	1.37E-06	1.36E-06	1.32E-06	4.76E-10	1.44E-09	8.31E-10	8.20E-10	7.44E-10	3.39E-10	3.30E-10	0.00E+00	0.00E+00	1.53E-10	2.78E-11	1.77E-10	2.72E-11	2.55E-11	4.10E-10
424	488869.6	3856750.76	1.39E-06	1.37E-06	1.33E-06	4.82E-10	1.45E-09	8.42E-10	8.31E-10	7.53E-10	3.44E-10	3.34E-10	0.00E+00	0.00E+00	1.55E-10	2.82E-11	1.79E-10	2.76E-11	2.58E-11	4.15E-10
425	488819.6	3857050.76	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.60E-10	4.38E-10	4.26E-10	0.00E+00	0.00E+00	1.97E-10	3.60E-11	2.28E-10	3.52E-11	3.29E-11	5.30E-10
426	488869.6	3857050.76	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.32E-10	3.57E-11	3.34E-11	5.38E-10
427	488919.6	3857050.76	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.46E-10
428	488819.6	3857100.76	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.46E-11	5.56E-10
429	488869.6	3857100.76	1.89E-06	1.87E-06	1.81E-06	6.54E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.64E-10
430	488919.6	3857100.76	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.57E-11	5.75E-10
431	488819.6	3857150.76	1.96E-06	1.93E-06	1.88E-06	6.77E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.88E-11	3.63E-11	5.84E-10
432	488869.6	3857150.76	1.99E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.57E-10	3.96E-11	3.71E-11	5.96E-10
433	488919.6	3857150.76	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.12E-11	2.61E-10	4.03E-11	3.77E-11	6.06E-10
434	488969.6	3857150.76	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.65E-10	4.09E-11	3.83E-11	6.15E-10
435	488819.6	3857200.76	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.11E-10	4.96E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.17E-10
436	488869.6	3857200.76	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.71E-10	4.19E-11	3.92E-11	6.30E-10
437	488919.6	3857200.76	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.15E-10	0.00E+00	0.00E+00	2.39E-10	4.36E-11	2.76E-10	4.26E-11	3.99E-11	6.42E-10
438	488969.6	3857200.76	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
439	488819.6	3857250.76	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
440	488869.6	3857250.76	2.23E-06	2.21E-06	2.14E-06	7.73E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.87E-10	4.43E-11	4.15E-11	6.67E-10
441	488919.6	3857250.76	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.93E-10	4.51E-11	4.23E-11	6.80E-10
442	488969.6	3857250.76	2.31E-06	2.28E-06	2.21E-06	8.00E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.90E-10
443	488819.6	3857300.76	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.71E-11	2.99E-10	4.61E-11	4.32E-11	6.94E-10
444	488869.6	3857300.76	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.44E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	0.00E+00	0.00E+00	2.64E-10	4.81E-11	3.05E-10	4.71E-11	4.41E-11	7.08E-10
445	488919.6	3857300.76	2.42E-06	2.39E-06	2.32E-06	8.37E-10	2.53E-09	1.46E-09	1.44E-09	1.31E-09	5.97E-10	5.80E-10	0.00E+00	0.00E+00	2.69E-10	4.90E-11	3.11E-10	4.79E-11	4.49E-11	7.22E-10
446	488819.6	3857450.76	2.83E-06	2.80E-06	2.71E-06	9.80E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	7.00E-10	6.79E-10	0.00E+00	0.00E+00	3.15E-10	5.74E-11	3.64E-10	5.62E-11	5.26E-11	8.46E-10
447	488869.6	3857450.76	2.88E-06	2.84E-06	2.76E-06	9.96E-10	3.01E-09	1.74E-09	1.72E-09	1.56E-09	7.11E-10	6.90E-10	0.00E+00	0.00E+00	3.20E-10	5.83E-11	3.70E-10	5.71E-11	5.34E-11	8.59E-10
448	488919.6	3857450.76	2.93E-06	2.89E-06	2.81E-06	1.01E-09	3.06E-09	1.77E-09	1.75E-09	1.59E-09	7.24E-10	7.03E-10	0.00E+00	0.00E+00	3.26E-10	5.94E-11	3.77E-10	5.81E-11	5.44E-11	8.75E-10
449	488819.6	3857500.76	3.04E-06	3.00E-06	2.91E-06	1.05E-09	3.17E-09	1.84E-09	1.81E-09	1.64E-09	7.50E-10	7.28E-10	0.00E+00	0.00E+00	3.38E-10	6.16E-11	3.91E-10	6.02E-11	5.64E-11	9.07E-10
450	488869.6	3857500.76	3.09E-06	3.05E-06	2.96E-06	1.07E-09	3.23E-09	1.87E-09	1.85E-09	1.67E-09	7.64E-10	7.41E-10	0.00E+00	0.00E+00	3.44E-10	6.27E-11	3.98E-10	6.13E-11	5.74E-11	9.23E-10
451	488919.6	3857500.76	3.15E-06	3.11E-06	3.02E-06	1.09E-09	3.29E-09	1.91E-09	1.88E-09	1.71E-09	7.78E-10	7.56E-10	0.00E+00	0.00E+00	3.51E-10	6.39E-11	4.05E-10	6.25E-11	5.85E-11	9.41E-10
452	488819.6	3857550.76	3.28E-06	3.23E-06	3.14E-06	1.13E-09	3.43E-09	1.98E-09	1.96E-09	1.77E-09	8.10E-10	7.86E-10	0.00E+00	0.00E+00	3.65E-10	6.64E-11	4.22E-10	6.50E-11	6.09E-11	9.79E-10
453	488869.6	3857550.76	3.34E-06	3.30E-06	3.20E-06	1.16E-09	3.49E-09	2.02E-09	1.99E-09	1.81E-09	8.25E-10	8.01E-10	0.00E+00	0.00E+00	3.72E-10	6.77E-11	4.30E-10	6.62E-11	6.20E-11	9.97E-10
454	488919.6	3857550.76	3.42E-06	3.37E-06	3.27E-06	1.18E-09	3.57E-09	2.07E-09	2.04E-09	1.85E-09	8.44E-10	8.19E-10	0.00E+00	0.00E+00	3.80E-10	6.92E-11	4.39E-10	6.77E-11	6.34E-11	1.02E-09
455	489663.71	3860900.05	3.02E-06	2.98E-06	2.89E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.45E-10	7.23E-10	0.00E+00	0.00E+00	3.36E-10	6.11E-11	3.88E-10	5.98E-11	5.60E-11	9.01E-10
456	489813.71	3860900.05	2.68E-06	2.64E-06	2.57E-06	9.27E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.61E-10	6.42E-10	0.00E+00	0.00E+00	2.98E-10	5.43E-11	3.44E-10	5.31E-11	4.97E-11	8.00E-10
457	489863.71	3860900.05	2.59E-06	2.55E-06	2.48E-06	8.95E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.39E-10	6.20E-10	0.00E+00	0.00E+00	2.88E-10	5.24E-11	3.33E-10	5.13E-11	4.80E-11	7.72E-10
458	489913.71	3860900.05	2.52E-06	2.48E-06	2.41E-06	8.71E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.22E-10	6.04E-10	0.00E+00	0.00E+00	2.80E-10	5.10E-11	3.24E-10	4.99E-11	4.67E-11	7.51E-10
459	489963.71	3860900.05	2.45E-06	2.41E-06	2.34E-06	8.46E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.86E-10	0.00E+00	0.00E+00	2.72E-10	4.96E-11	3.14E-10	4.85E-11	4.54E-11	7.30E-10
460	490013.71	3860900.05	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	0.00E+00	0.00E+00	2.66E-10	4.85E-11	3.08E-10	4.75E-11	4.44E-11	7.15E-10
461	490063.71	3860900.05	2.34E-06	2.31E-06	2.25E-06	8.11E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	0.00E+00	0.00E+00	2.61E-10	4.75E-11	3.01E-10	4.65E-11	4.35E-11	7.00E-10
462	489663.71	3860950.05	2.98E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.14E-10	0.00E+00	0.00E+00	3.31E-10	6.03E-11	3.83E-10	5.90E-11	5.53E-11	8.89E-10
463	489813.71	3860950.05	2.64E-06	2.60E-06	2.53E-06	9.13E-10	2.76E-09	1.60E-09	1.57E-09	1.43E-09	6.51E-10	6.32E-10	0.00E+00	0.00E+00	2.94E-10	5.34E-11	3.39E-10	5.23E-11	4.90E-11	7.87E-10
464	489863.71	3860950.05	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	0.00E+00	0.00E+00	2.83E-10	5.15E-11	3.27E-10	5.04E-11	4.72E-11	7.59E-10
465	489913.71	3860950.05	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	0.00E+00	0.00E+00	2.75E-10	5.01E-11	3.18E-10	4.90E-11	4.59E-11	7.37E-10
466	489963.71	3860950.05	2.40E-06	2.37E-06	2.30E-06	8.31E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	0.00E+00	0.00E+00	2.67E-10	4.87E-11	3.09E-10	4.76E-11	4.46E-11	7.17E-10
467	490013.71	3860950.05	2.34E-06	2.31E-06	2.25E-06	8.11E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	0.00E+00	0.00E+00	2.61E-10	4.75E-11	3.01E-10	4.65E-11	4.35E-11	7.00E-10
468	490063.71	3860950.05	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	0.00E+00	0.00E+00	2.55E-10	4.65E-11	2.95E-10	4.55E-11	4.26E-11	6.85E-10
469	489513.71	3861000.05	3.55E-06	3.50E-06	3.40E-06	1.23E-09	3.71E-09	2.15E-09	2.12E-09	1.92E-09	8.76E-10	8.51E-10	0.00E+00	0.00E+00	3.95E-10	7.19E-11	4.56E-10	7.04E-11	6.59E-11	1.06E-09
470	489563.71	3861000.05	3.29E-06	3.25E-06	3.16E-06	1.14E-09	3.44E-09	1.99E-09	1.97E-09	1.78E-09	8.13E-10	7.90E-10	0.00E+00	0.00E+00	3.67E-10	6.67E-11	4.24E-10	6.53E-11	6.12E-11	9.83E-10

471	489613.71	3861000.05	3.10E-06	3.06E-06	2.97E-06	1.07E-09	3.24E-09	1.88E-09	1.85E-09	1.68E-09	7.66E-10	7.44E-10	0.00E+00	0.00E+00	3.45E-10	6.29E-11	3.99E-10	6.15E-11	5.76E-11	9.27E-10
472	489663.71	3861000.05	2.94E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.59E-09	7.27E-10	7.06E-10	0.00E+00	0.00E+00	3.28E-10	5.97E-11	3.79E-10	5.84E-11	5.47E-11	8.79E-10
473	489713.71	3861000.05	2.81E-06	2.77E-06	2.69E-06	9.72E-10	2.93E-09	1.70E-09	1.68E-09	1.52E-09	6.93E-10	6.73E-10	0.00E+00	0.00E+00	3.12E-10	5.69E-11	3.61E-10	5.57E-11	5.21E-11	8.38E-10
474	489763.71	3861000.05	2.69E-06	2.66E-06	2.58E-06	9.32E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.46E-10	0.00E+00	0.00E+00	3.00E-10	5.46E-11	3.46E-10	5.34E-11	5.00E-11	8.04E-10
475	489813.71	3861000.05	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.24E-10	0.00E+00	0.00E+00	2.89E-10	5.27E-11	3.34E-10	5.16E-11	4.83E-11	7.77E-10
476	489863.71	3861000.05	2.51E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.22E-10	4.97E-11	4.65E-11	7.48E-10
477	489913.71	3861000.05	2.43E-06	2.40E-06	2.33E-06	8.42E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.83E-10	0.00E+00	0.00E+00	2.71E-10	4.93E-11	3.13E-10	4.82E-11	4.52E-11	7.26E-10
478	489963.71	3861000.05	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.78E-11	3.03E-10	4.68E-11	4.38E-11	7.04E-10
479	490013.71	3861000.05	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.25E-09	5.68E-10	5.52E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.96E-10	4.56E-11	4.27E-11	6.87E-10
480	490063.71	3861000.05	2.25E-06	2.22E-06	2.16E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	0.00E+00	0.00E+00	2.50E-10	4.56E-11	2.89E-10	4.46E-11	4.18E-11	6.72E-10
481	489513.71	3861050.05	3.53E-06	3.48E-06	3.38E-06	1.22E-09	3.69E-09	2.13E-09	2.11E-09	1.91E-09	8.71E-10	8.46E-10	0.00E+00	0.00E+00	3.93E-10	7.15E-11	4.54E-10	7.00E-11	6.55E-11	1.05E-09
482	489563.71	3861050.05	3.27E-06	3.23E-06	3.13E-06	1.13E-09	3.42E-09	1.98E-09	1.95E-09	1.77E-09	8.07E-10	7.84E-10	0.00E+00	0.00E+00	3.64E-10	6.63E-11	4.20E-10	6.48E-11	6.07E-11	9.76E-10
483	489613.71	3861050.05	3.08E-06	3.04E-06	2.95E-06	1.07E-09	3.22E-09	1.86E-09	1.84E-09	1.67E-09	7.61E-10	7.39E-10	0.00E+00	0.00E+00	3.43E-10	6.24E-11	3.96E-10	6.11E-11	5.72E-11	9.20E-10
484	489663.71	3861050.05	2.91E-06	2.87E-06	2.79E-06	1.01E-09	3.04E-09	1.76E-09	1.74E-09	1.58E-09	7.19E-10	6.98E-10	0.00E+00	0.00E+00	3.24E-10	5.90E-11	3.74E-10	5.77E-11	5.41E-11	8.69E-10
485	489713.71	3861050.05	2.77E-06	2.74E-06	2.66E-06	9.60E-10	2.90E-09	1.68E-09	1.66E-09	1.50E-09	6.85E-10	6.65E-10	0.00E+00	0.00E+00	3.09E-10	5.62E-11	3.57E-10	5.50E-11	5.15E-11	8.28E-10
486	489763.71	3861050.05	2.66E-06	2.62E-06	2.55E-06	9.20E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.57E-10	6.38E-10	0.00E+00	0.00E+00	2.96E-10	5.39E-11	3.42E-10	5.27E-11	4.94E-11	7.94E-10
487	489813.71	3861050.05	2.56E-06	2.53E-06	2.45E-06	8.87E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.33E-10	6.14E-10	0.00E+00	0.00E+00	2.85E-10	5.19E-11	3.29E-10	5.08E-11	4.76E-11	7.65E-10
488	489863.71	3861050.05	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.48E-09	1.34E-09	6.10E-10	5.93E-10	0.00E+00	0.00E+00	2.75E-10	5.01E-11	3.18E-10	4.90E-11	4.59E-11	7.38E-10
489	489913.71	3861050.05	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.91E-10	5.74E-10	0.00E+00	0.00E+00	2.66E-10	4.85E-11	3.08E-10	4.74E-11	4.44E-11	7.14E-10
490	489963.71	3861050.05	2.32E-06	2.29E-06	2.22E-06	8.04E-10	2.43E-09	1.40E-09	1.39E-09	1.26E-09	5.73E-10	5.57E-10	0.00E+00	0.00E+00	2.58E-10	4.71E-11	2.99E-10	4.60E-11	4.31E-11	6.93E-10
491	490013.71	3861050.05	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.21E-11	6.76E-10
492	490063.71	3861050.05	2.21E-06	2.18E-06	2.12E-06	7.65E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.30E-10	0.00E+00	0.00E+00	2.46E-10	4.48E-11	2.84E-10	4.38E-11	4.11E-11	6.60E-10
493	489513.71	3861100.05	3.50E-06	3.46E-06	3.36E-06	1.21E-09	3.66E-09	2.12E-09	2.09E-09	1.90E-09	8.66E-10	8.41E-10	0.00E+00	0.00E+00	3.90E-10	7.10E-11	4.51E-10	6.95E-11	6.51E-11	1.05E-09
494	489563.71	3861100.05	3.24E-06	3.20E-06	3.11E-06	1.12E-09	3.39E-09	1.96E-09	1.94E-09	1.75E-09	8.01E-10	7.77E-10	0.00E+00	0.00E+00	3.61E-10	6.57E-11	4.17E-10	6.43E-11	6.02E-11	9.68E-10
495	489613.71	3861100.05	3.03E-06	2.99E-06	2.90E-06	1.05E-09	3.16E-09	1.83E-09	1.81E-09	1.64E-09	7.48E-10	7.26E-10	0.00E+00	0.00E+00	3.37E-10	6.13E-11	3.89E-10	6.00E-11	5.62E-11	9.04E-10
496	489663.71	3861100.05	2.87E-06	2.83E-06	2.75E-06	9.93E-10	3.00E-09	1.74E-09	1.71E-09	1.55E-09	7.08E-10	6.88E-10	0.00E+00	0.00E+00	3.19E-10	5.81E-11	3.69E-10	5.69E-11	5.33E-11	8.56E-10
497	489713.71	3861100.05	2.74E-06	2.70E-06	2.62E-06	9.47E-10	2.86E-09	1.65E-09	1.63E-09	1.48E-09	6.76E-10	6.56E-10	0.00E+00	0.00E+00	3.04E-10	5.54E-11	3.52E-10	5.42E-11	5.08E-11	8.17E-10
498	489763.71	3861100.05	2.62E-06	2.59E-06	2.51E-06	9.07E-10	2.74E-09	1.59E-09	1.57E-09	1.42E-09	6.47E-10	6.29E-10	0.00E+00	0.00E+00	2.92E-10	5.31E-11	3.37E-10	5.20E-11	4.87E-11	7.83E-10
499	489813.71	3861100.05	2.52E-06	2.49E-06	2.42E-06	8.74E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.23E-10	6.05E-10	0.00E+00	0.00E+00	2.81E-10	5.12E-11	3.25E-10	5.01E-11	4.69E-11	7.54E-10
500	489863.71	3861100.05	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.85E-10	0.00E+00	0.00E+00	2.72E-10	4.95E-11	3.14E-10	4.84E-11	4.53E-11	7.29E-10
501	489913.71	3861100.05	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.46E-09	1.43E-09	1.41E-09	1.28E-09	5.82E-10	5.65E-10	0.00E+00	0.00E+00	2.62E-10	4.78E-11	3.03E-10	4.67E-11	4.38E-11	7.04E-10
502	489963.71	3861100.05	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.94E-10	4.54E-11	4.25E-11	6.83E-10
503	490013.71	3861100.05	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	0.00E+00	0.00E+00	2.47E-10	4.51E-11	2.86E-10	4.41E-11	4.13E-11	6.64E-10
504	490063.71	3861100.05	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.40E-11	2.79E-10	4.30E-11	4.03E-11	6.48E-10
505	489713.71	3861150.05	2.70E-06	2.67E-06	2.59E-06	9.35E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.67E-10	6.48E-10	0.00E+00	0.00E+00	3.01E-10	5.47E-11	3.47E-10	5.36E-11	5.02E-11	8.07E-10
506	489763.71	3861150.05	2.59E-06	2.55E-06	2.48E-06	8.96E-10	2.71E-09	1.57E-09	1.55E-09	1.40E-09	6.39E-10	6.21E-10	0.00E+00	0.00E+00	2.88E-10	5.25E-11	3.33E-10	5.13E-11	4.81E-11	7.73E-10
507	489813.71	3861150.05	2.49E-06	2.46E-06	2.39E-06	8.62E-10	2.60E-09	1.51E-09	1.49E-09	1.35E-09	6.15E-10	5.97E-10	0.00E+00	0.00E+00	2.77E-10	5.05E-11	3.20E-10	4.94E-11	4.63E-11	7.44E-10
508	489863.71	3861150.05	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	0.00E+00	0.00E+00	2.67E-10	4.87E-11	3.09E-10	4.77E-11	4.46E-11	7.17E-10
509	489913.71	3861150.05	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	0.00E+00	0.00E+00	2.59E-10	4.71E-11	2.99E-10	4.61E-11	4.31E-11	6.93E-10
510	489963.71	3861150.05	2.25E-06	2.22E-06	2.16E-06	7.79E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	0.00E+00	0.00E+00	2.50E-10	4.56E-11	2.89E-10	4.46E-11	4.18E-11	6.72E-10
511	490013.71	3861150.05	2.19E-06	2.16E-06	2.09E-06	7.57E-10	2.28E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	0.00E+00	0.00E+00	2.43E-10	4.43E-11	2.81E-10	4.34E-11	4.06E-11	6.53E-10
512	490063.71	3861150.05	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.74E-10	4.23E-11	3.96E-11	6.37E-10
513	489613.71	3861200.05	2.96E-06	2.92E-06	2.83E-06	1.02E-09	3.09E-09	1.79E-09	1.77E-09	1.60E-09	7.30E-10	7.09E-10	0.00E+00	0.00E+00	3.29E-10	5.99E-11	3.80E-10	5.87E-11	5.49E-11	8.83E-10
514	489663.71	3861200.05	2.80E-06	2.76E-06	2.68E-06	9.69E-10	2.93E-09	1.69E-09	1.67E-09	1.52E-09	6.92E-10	6.72E-10	0.00E+00	0.00E+00	3.12E-10	5.68E-11	3.60E-10	5.55E-11	5.20E-11	8.36E-10
515	489713.71	3861200.05	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	0.00E+00	0.00E+00	2.97E-10	5.41E-11	3.43E-10	5.29E-11	4.96E-11	7.97E-10
516	489763.71	3861200.05	2.56E-06	2.52E-06	2.45E-06	8.85E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.31E-10	6.13E-10	0.00E+00	0.00E+00	2.85E-10	5.18E-11	3.29E-10	5.07E-11	4.75E-11	7.63E-10
517	489813.71	3861200.05	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.98E-11	3.16E-10	4.88E-11	4.57E-11	7.34E-10
518	489863.71	3861200.05	2.37E-06	2.34E-06	2.27E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	0.00E+00	0.00E+00	2.64E-10	4.81E-11	3.05E-10	4.71E-11	4.41E-11	7.09E-10
519	489913.71	3861200.05	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.50E-10	0.00E+00	0.00E+00	2.55E-10	4.65E-11	2.95E-10	4.55E-11	4.26E-11	6.85E-10
520	489963.71	3861200.05	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.85E-10	4.40E-11	4.12E-11	6.63E-10
521	490013.71	3861200.05	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.01E-11	6.44E-10
522	490063.71	3861200.05	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.17E-11	3.90E-11	6.27E-10
523	489513.71	3861250.05	3.37E-06	3.33E-06	3.23E-06	1.17E-09	3.52E-09	2.04E-09	2.01E-09	1.82E-09	8.33E-10	8.09E-10	0.00E+00	0.00E+00	3.75E-10	6.83E-11	4.34E-10	6.69E-11	6.26E-11	1.01E-09

524	489563.71	3861250.05	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.73E-10	7.50E-10	0.00E+00	0.00E+00	3.48E-10	6.34E-11	4.02E-10	6.20E-11	5.81E-11	9.34E-10
525	489613.71	3861250.05	2.93E-06	2.89E-06	2.81E-06	1.02E-09	3.07E-09	1.77E-09	1.75E-09	1.59E-09	7.25E-10	7.04E-10	0.00E+00	0.00E+00	3.26E-10	5.95E-11	3.77E-10	5.82E-11	5.45E-11	8.76E-10
526	489663.71	3861250.05	2.77E-06	2.74E-06	2.66E-06	9.59E-10	2.90E-09	1.68E-09	1.65E-09	1.50E-09	6.85E-10	6.65E-10	0.00E+00	0.00E+00	3.08E-10	5.62E-11	3.56E-10	5.50E-11	5.15E-11	8.28E-10
527	489713.71	3861250.05	2.64E-06	2.60E-06	2.53E-06	9.14E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.52E-10	6.33E-10	0.00E+00	0.00E+00	2.94E-10	5.35E-11	3.39E-10	5.23E-11	4.90E-11	7.88E-10
528	489763.71	3861250.05	2.53E-06	2.49E-06	2.42E-06	8.75E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.24E-10	6.06E-10	0.00E+00	0.00E+00	2.81E-10	5.12E-11	3.25E-10	5.01E-11	4.69E-11	7.54E-10
529	489813.71	3861250.05	2.43E-06	2.40E-06	2.33E-06	8.41E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.82E-11	4.51E-11	7.25E-10
530	489863.71	3861250.05	2.34E-06	2.31E-06	2.24E-06	8.10E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.78E-10	5.62E-10	0.00E+00	0.00E+00	2.61E-10	4.75E-11	3.01E-10	4.64E-11	4.35E-11	6.99E-10
531	489913.71	3861250.05	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.21E-11	6.76E-10
532	489963.71	3861250.05	2.19E-06	2.17E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.45E-11	2.82E-10	4.35E-11	4.07E-11	6.55E-10
533	490013.71	3861250.05	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.23E-11	3.96E-11	6.36E-10
534	490063.71	3861250.05	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.66E-10	4.11E-11	3.85E-11	6.18E-10
535	489528.13	3861308.47	3.26E-06	3.22E-06	3.13E-06	1.13E-09	3.41E-09	1.97E-09	1.95E-09	1.77E-09	8.05E-10	7.82E-10	0.00E+00	0.00E+00	3.63E-10	6.61E-11	4.19E-10	6.47E-11	6.06E-11	9.74E-10
536	489578.13	3861308.47	3.03E-06	2.99E-06	2.90E-06	1.05E-09	3.17E-09	1.83E-09	1.81E-09	1.64E-09	7.49E-10	7.27E-10	0.00E+00	0.00E+00	3.37E-10	6.14E-11	3.90E-10	6.01E-11	5.63E-11	9.05E-10
537	489628.13	3861308.47	2.85E-06	2.81E-06	2.73E-06	9.85E-10	2.98E-09	1.72E-09	1.70E-09	1.54E-09	7.03E-10	6.83E-10	0.00E+00	0.00E+00	3.17E-10	5.77E-11	3.66E-10	5.65E-11	5.29E-11	8.50E-10
538	489678.13	3861308.47	2.70E-06	2.66E-06	2.59E-06	9.34E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.66E-10	6.47E-10	0.00E+00	0.00E+00	3.00E-10	5.47E-11	3.47E-10	5.35E-11	5.01E-11	8.06E-10
539	489728.13	3861308.47	2.57E-06	2.54E-06	2.46E-06	8.90E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.35E-10	6.17E-10	0.00E+00	0.00E+00	2.86E-10	5.21E-11	3.31E-10	5.10E-11	4.78E-11	7.68E-10
540	489778.13	3861308.47	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	0.00E+00	0.00E+00	2.74E-10	4.99E-11	3.17E-10	4.88E-11	4.57E-11	7.35E-10
541	489678.13	3861358.47	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	0.00E+00	0.00E+00	2.97E-10	5.41E-11	3.43E-10	5.29E-11	4.96E-11	7.97E-10
542	489728.13	3861358.47	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	0.00E+00	0.00E+00	2.83E-10	5.15E-11	3.27E-10	5.04E-11	4.72E-11	7.59E-10
543	489528.13	3861408.47	3.21E-06	3.16E-06	3.07E-06	1.11E-09	3.35E-09	1.94E-09	1.91E-09	1.74E-09	7.92E-10	7.69E-10	0.00E+00	0.00E+00	3.57E-10	6.50E-11	4.12E-10	6.36E-11	5.95E-11	9.57E-10
544	489578.13	3861408.47	2.97E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.13E-10	0.00E+00	0.00E+00	3.31E-10	6.03E-11	3.83E-10	5.90E-11	5.52E-11	8.88E-10
545	489628.13	3861408.47	2.80E-06	2.76E-06	2.68E-06	9.68E-10	2.92E-09	1.69E-09	1.67E-09	1.51E-09	6.91E-10	6.71E-10	0.00E+00	0.00E+00	3.11E-10	5.67E-11	3.60E-10	5.55E-11	5.20E-11	8.35E-10
546	489678.13	3861408.47	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	0.00E+00	0.00E+00	2.94E-10	5.36E-11	3.40E-10	5.24E-11	4.91E-11	7.89E-10
547	489728.13	3861408.47	2.51E-06	2.48E-06	2.41E-06	8.70E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	0.00E+00	0.00E+00	2.80E-10	5.10E-11	3.23E-10	4.99E-11	4.67E-11	7.51E-10
548	489528.13	3861458.47	3.19E-06	3.15E-06	3.05E-06	1.10E-09	3.33E-09	1.93E-09	1.90E-09	1.73E-09	7.87E-10	7.64E-10	0.00E+00	0.00E+00	3.55E-10	6.46E-11	4.10E-10	6.32E-11	5.92E-11	9.52E-10
549	489578.13	3861458.47	2.95E-06	2.92E-06	2.83E-06	1.02E-09	3.09E-09	1.79E-09	1.76E-09	1.60E-09	7.30E-10	7.09E-10	0.00E+00	0.00E+00	3.29E-10	5.99E-11	3.80E-10	5.86E-11	5.49E-11	8.82E-10
550	489628.13	3861458.47	2.77E-06	2.73E-06	2.65E-06	9.58E-10	2.89E-09	1.68E-09	1.65E-09	1.50E-09	6.84E-10	6.64E-10	0.00E+00	0.00E+00	3.08E-10	5.61E-11	3.56E-10	5.49E-11	5.14E-11	8.27E-10
551	489678.13	3861458.47	2.62E-06	2.58E-06	2.51E-06	9.05E-10	2.73E-09	1.58E-09	1.56E-09	1.42E-09	6.46E-10	6.27E-10	0.00E+00	0.00E+00	2.91E-10	5.30E-11	3.36E-10	5.19E-11	4.86E-11	7.81E-10
552	489728.13	3861458.47	2.48E-06	2.45E-06	2.38E-06	8.60E-10	2.60E-09	1.50E-09	1.48E-09	1.34E-09	6.14E-10	5.96E-10	0.00E+00	0.00E+00	2.77E-10	5.04E-11	3.20E-10	4.93E-11	4.61E-11	7.42E-10
553	489528.13	3861508.47	3.16E-06	3.12E-06	3.03E-06	1.10E-09	3.31E-09	1.91E-09	1.89E-09	1.71E-09	7.82E-10	7.59E-10	0.00E+00	0.00E+00	3.52E-10	6.42E-11	4.07E-10	6.28E-11	5.88E-11	9.45E-10
554	489578.13	3861508.47	2.93E-06	2.89E-06	2.81E-06	1.01E-09	3.06E-09	1.77E-09	1.75E-09	1.59E-09	7.23E-10	7.02E-10	0.00E+00	0.00E+00	3.26E-10	5.94E-11	3.77E-10	5.81E-11	5.44E-11	8.74E-10
555	489628.13	3861508.47	2.74E-06	2.71E-06	2.63E-06	9.49E-10	2.86E-09	1.66E-09	1.64E-09	1.48E-09	6.77E-10	6.57E-10	0.00E+00	0.00E+00	3.05E-10	5.56E-11	3.53E-10	5.44E-11	5.09E-11	8.18E-10
556	489678.13	3861508.47	2.59E-06	2.55E-06	2.48E-06	8.95E-10	2.70E-09	1.57E-09	1.54E-09	1.40E-09	6.39E-10	6.20E-10	0.00E+00	0.00E+00	2.88E-10	5.24E-11	3.33E-10	5.13E-11	4.80E-11	7.72E-10
557	489728.13	3861508.47	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.98E-11	3.16E-10	4.88E-11	4.57E-11	7.34E-10
558	489628.13	3861558.47	2.72E-06	2.68E-06	2.61E-06	9.42E-10	2.84E-09	1.65E-09	1.62E-09	1.47E-09	6.72E-10	6.52E-10	0.00E+00	0.00E+00	3.03E-10	5.51E-11	3.50E-10	5.40E-11	5.05E-11	8.12E-10
559	489678.13	3861558.47	2.57E-06	2.54E-06	2.46E-06	8.90E-10	2.69E-09	1.56E-09	1.53E-09	1.39E-09	6.35E-10	6.16E-10	0.00E+00	0.00E+00	2.86E-10	5.21E-11	3.31E-10	5.10E-11	4.77E-11	7.67E-10
560	489728.13	3861558.47	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.86E-10	0.00E+00	0.00E+00	2.72E-10	4.95E-11	3.14E-10	4.84E-11	4.54E-11	7.29E-10
561	489357.08	3861015.81	5.19E-06	5.12E-06	4.98E-06	1.80E-09	5.43E-09	3.14E-09	3.10E-09	2.81E-09	1.28E-09	1.25E-09	0.00E+00	0.00E+00	5.78E-10	1.05E-10	6.68E-10	1.03E-10	9.64E-11	1.55E-09
562	489407.08	3861015.81	4.41E-06	4.35E-06	4.22E-06	1.53E-09	4.61E-09	2.67E-09	2.63E-09	2.39E-09	1.09E-09	1.06E-09	0.00E+00	0.00E+00	4.91E-10	8.93E-11	5.67E-10	8.74E-11	8.19E-11	1.32E-09
563	489457.08	3861015.81	3.91E-06	3.86E-06	3.75E-06	1.35E-09	4.09E-09	2.37E-09	2.34E-09	2.12E-09	9.66E-10	9.38E-10	0.00E+00	0.00E+00	4.35E-10	7.93E-11	5.03E-10	7.76E-11	7.27E-11	1.17E-09
564	489357.08	3861065.81	5.18E-06	5.11E-06	4.96E-06	1.79E-09	5.41E-09	3.13E-09	3.09E-09	2.80E-09	1.28E-09	1.24E-09	0.00E+00	0.00E+00	5.77E-10	1.05E-10	6.66E-10	1.03E-10	9.62E-11	1.55E-09
565	489407.08	3861065.81	4.40E-06	4.34E-06	4.21E-06	1.52E-09	4.59E-09	2.66E-09	2.62E-09	2.38E-09	1.09E-09	1.05E-09	0.00E+00	0.00E+00	4.89E-10	8.91E-11	5.65E-10	8.72E-11	8.16E-11	1.31E-09
566	489457.08	3861065.81	3.89E-06	3.84E-06	3.73E-06	1.35E-09	4.07E-09	2.36E-09	2.33E-09	2.11E-09	9.62E-10	9.34E-10	0.00E+00	0.00E+00	4.34E-10	7.89E-11	5.01E-10	7.72E-11	7.23E-11	1.16E-09
567	489357.08	3861115.81	5.15E-06	5.08E-06	4.93E-06	1.78E-09	5.38E-09	3.11E-09	3.07E-09	2.79E-09	1.27E-09	1.23E-09	0.00E+00	0.00E+00	5.73E-10	1.04E-10	6.62E-10	1.02E-10	9.56E-11	1.54E-09
568	489407.08	3861115.81	4.38E-06	4.33E-06	4.20E-06	1.52E-09	4.58E-09	2.65E-09	2.62E-09	2.37E-09	1.08E-09	1.05E-09	0.00E+00	0.00E+00	4.88E-10	8.88E-11	5.64E-10	8.69E-11	8.14E-11	1.31E-09
569	489457.08	3861115.81	3.88E-06	3.83E-06	3.72E-06	1.34E-09	4.06E-09	2.35E-09	2.32E-09	2.10E-09	9.59E-10	9.31E-10	0.00E+00	0.00E+00	4.32E-10	7.87E-11	4.99E-10	7.70E-11	7.21E-11	1.16E-09
570	489407.08	3861165.81	4.35E-06	4.29E-06	4.17E-06	1.51E-09	4.54E-09	2.63E-09	2.60E-09	2.35E-09	1.07E-09	1.04E-09	0.00E+00	0.00E+00	4.84E-10	8.81E-11	5.59E-10	8.62E-11	8.08E-11	1.30E-09
571	489457.08	3861165.81	3.85E-06	3.80E-06	3.69E-06	1.33E-09	4.02E-09	2.33E-09	2.30E-09	2.08E-09	9.51E-10	9.23E-10	0.00E+00	0.00E+00	4.29E-10	7.80E-11	4.95E-10	7.64E-11	7.15E-11	1.15E-09
572	489407.08	3861215.81	4.31E-06	4.25E-06	4.13E-06	1.49E-09	4.51E-09	2.61E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	0.00E+00	0.00E+00	4.80E-10	8.74E-11	5.55E-10	8.55E-11	8.01E-11	1.29E-09
573	489457.08	3861215.81	3.81E-06	3.76E-06	3.65E-06	1.32E-09	3.98E-09	2.30E-09	2.27E-09	2.06E-09	9.40E-10	9.13E-10	0.00E+00	0.00E+00	4.24E-10	7.72E-11	4.90E-10	7.55E-11	7.07E-11	1.14E-09
574	489407.08	3861265.81	4.23E-06	4.17E-06	4.05E-06	1.46E-09	4.42E-09	2.56E-09	2.52E-09	2.29E-09	1.04E-09	1.01E-09	0.00E+00	0.00E+00	4.71E-10	8.57E-11	5.44E-10	8.39E-11	7.85E-11	1.26E-09
575	489457.08	3861265.81	3.75E-06	3.70E-06	3.59E-06	1.30E-09	3.92E-09	2.27E-09	2.24E-09	2.03E-09	9.26E-10	9.00E-10	0.00E+00	0.00E+00	4.17E-10	7.60E-11	4.82E-10	7.44E-11	6.97E-11	1.12E-09
576	489309.86	3861110.14	6.36E-06	6.28E-06	6.09E-06	2.20E-09	6.65E-09	3.85E-09	3.80E-09	3.44E-09	1.57E-09	1.53E-09	0.00E+00	0.00E+00	7.08E-10	1.29E-10	8.18E-10	1.26E-10	1.18E-10	1.90E-09

577	489407.08	3861315.81	4.20E-06	4.15E-06	4.03E-06	1.45E-09	4.39E-09	2.54E-09	2.51E-09	2.27E-09	1.04E-09	1.01E-09	0.00E+00	0.00E+00	4.68E-10	8.52E-11	5.40E-10	8.33E-11	7.80E-11	1.25E-09
578	489457.08	3861315.81	3.73E-06	3.68E-06	3.57E-06	1.29E-09	3.89E-09	2.25E-09	2.22E-09	2.02E-09	9.20E-10	8.94E-10	0.00E+00	0.00E+00	4.15E-10	7.55E-11	4.79E-10	7.39E-11	6.92E-11	1.11E-09
579	488906.03	3861006.75	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	0.00E+00	0.00E+00	2.41E-10	4.38E-11	2.78E-10	4.29E-11	4.02E-11	6.46E-10
580	488956.03	3861006.75	2.30E-06	2.27E-06	2.21E-06	7.97E-10	2.41E-09	1.39E-09	1.37E-09	1.25E-09	5.68E-10	5.52E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.96E-10	4.56E-11	4.27E-11	6.87E-10
581	488904.24	3861051.87	2.06E-06	2.03E-06	1.97E-06	7.12E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.64E-10	4.08E-11	3.82E-11	6.14E-10
582	488954.24	3861051.87	2.23E-06	2.20E-06	2.13E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	0.00E+00	0.00E+00	2.48E-10	4.51E-11	2.86E-10	4.42E-11	4.14E-11	6.65E-10
583	489004.24	3861051.87	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.78E-11	3.04E-10	4.68E-11	4.38E-11	7.05E-10
584	488804.24	3861101.87	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.61E-10
585	488854.24	3861101.87	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.50E-10	3.86E-11	3.62E-11	5.81E-10
586	488904.24	3861101.87	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.88E-11	6.23E-10
587	488954.24	3861101.87	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.54E-11	2.88E-10	4.45E-11	4.16E-11	6.69E-10
588	489004.24	3861101.87	2.46E-06	2.42E-06	2.35E-06	8.50E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.06E-10	5.89E-10	0.00E+00	0.00E+00	2.73E-10	4.98E-11	3.16E-10	4.87E-11	4.56E-11	7.33E-10
589	488804.24	3861151.87	1.86E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	0.00E+00	0.00E+00	2.07E-10	3.76E-11	2.39E-10	3.68E-11	3.45E-11	5.54E-10
590	488854.24	3861151.87	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.50E-10	3.85E-11	3.60E-11	5.80E-10
591	489129.49	3861187.55	3.83E-06	3.78E-06	3.67E-06	1.33E-09	4.00E-09	2.32E-09	2.29E-09	2.07E-09	9.46E-10	9.19E-10	0.00E+00	0.00E+00	4.26E-10	7.76E-11	4.93E-10	7.60E-11	7.11E-11	1.14E-09
592	489179.49	3861187.55	6.30E-06	6.22E-06	6.04E-06	2.18E-09	6.59E-09	3.81E-09	3.76E-09	3.41E-09	1.56E-09	1.51E-09	0.00E+00	0.00E+00	7.01E-10	1.28E-10	8.11E-10	1.25E-10	1.17E-10	1.88E-09
593	488804.24	3861201.87	1.82E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.10E-09	1.09E-09	9.88E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.45E-10
594	488854.24	3861201.87	1.90E-06	1.88E-06	1.83E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10
595	489129.49	3861237.55	3.82E-06	3.77E-06	3.66E-06	1.32E-09	3.99E-09	2.31E-09	2.28E-09	2.07E-09	9.43E-10	9.15E-10	0.00E+00	0.00E+00	4.25E-10	7.74E-11	4.91E-10	7.57E-11	7.09E-11	1.14E-09
596	489179.49	3861237.55	6.36E-06	6.27E-06	6.09E-06	2.20E-09	6.64E-09	3.85E-09	3.80E-09	3.44E-09	1.57E-09	1.52E-09	0.00E+00	0.00E+00	7.08E-10	1.29E-10	8.18E-10	1.26E-10	1.18E-10	1.90E-09
597	488804.24	3861251.87	1.80E-06	1.77E-06	1.72E-06	6.21E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.43E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.33E-11	5.36E-10
598	488854.24	3861251.87	1.88E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.63E-10	4.50E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.60E-10
599	488804.24	3861301.87	1.77E-06	1.74E-06	1.69E-06	6.11E-10	1.84E-09	1.07E-09	1.05E-09	9.55E-10	4.36E-10	4.23E-10	0.00E+00	0.00E+00	1.96E-10	3.58E-11	2.27E-10	3.50E-11	3.28E-11	5.27E-10
600	488854.24	3861301.87	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.43E-11	5.52E-10
601	490943.5	3860181.97	3.08E-06	3.04E-06	2.95E-06	1.07E-09	3.22E-09	1.86E-09	1.84E-09	1.67E-09	7.61E-10	7.39E-10	0.00E+00	0.00E+00	3.43E-10	6.24E-11	3.96E-10	6.11E-11	5.72E-11	9.20E-10
602	490993.5	3860181.97	3.05E-06	3.02E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.55E-10	7.33E-10	0.00E+00	0.00E+00	3.40E-10	6.19E-11	3.93E-10	6.06E-11	5.67E-11	9.12E-10
603	491043.5	3860181.97	3.03E-06	2.99E-06	2.91E-06	1.05E-09	3.17E-09	1.83E-09	1.81E-09	1.64E-09	7.49E-10	7.27E-10	0.00E+00	0.00E+00	3.38E-10	6.15E-11	3.90E-10	6.02E-11	5.63E-11	9.06E-10
604	491093.5	3860181.97	3.01E-06	2.97E-06	2.88E-06	1.04E-09	3.14E-09	1.82E-09	1.80E-09	1.63E-09	7.43E-10	7.21E-10	0.00E+00	0.00E+00	3.35E-10	6.09E-11	3.87E-10	5.96E-11	5.58E-11	8.98E-10
605	490943.5	3860231.97	2.95E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.60E-09	7.28E-10	7.07E-10	0.00E+00	0.00E+00	3.28E-10	5.97E-11	3.79E-10	5.84E-11	5.47E-11	8.80E-10
606	490993.5	3860231.97	2.93E-06	2.89E-06	2.81E-06	1.02E-09	3.07E-09	1.77E-09	1.75E-09	1.59E-09	7.24E-10	7.03E-10	0.00E+00	0.00E+00	3.26E-10	5.94E-11	3.77E-10	5.82E-11	5.45E-11	8.76E-10
607	491043.5	3860231.97	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.76E-09	1.73E-09	1.57E-09	7.17E-10	6.96E-10	0.00E+00	0.00E+00	3.23E-10	5.88E-11	3.73E-10	5.76E-11	5.39E-11	8.66E-10
608	491093.5	3860231.97	2.87E-06	2.84E-06	2.75E-06	9.94E-10	3.00E-09	1.74E-09	1.72E-09	1.56E-09	7.10E-10	6.89E-10	0.00E+00	0.00E+00	3.20E-10	5.82E-11	3.69E-10	5.70E-11	5.34E-11	8.58E-10
609	490943.5	3860281.97	2.83E-06	2.79E-06	2.71E-06	9.78E-10	2.95E-09	1.71E-09	1.69E-09	1.53E-09	6.98E-10	6.78E-10	0.00E+00	0.00E+00	3.15E-10	5.73E-11	3.64E-10	5.61E-11	5.25E-11	8.44E-10
610	490993.5	3860281.97	2.81E-06	2.77E-06	2.69E-06	9.73E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	0.00E+00	0.00E+00	3.13E-10	5.70E-11	3.61E-10	5.57E-11	5.22E-11	8.39E-10
611	491043.5	3860281.97	2.78E-06	2.75E-06	2.67E-06	9.63E-10	2.91E-09	1.68E-09	1.66E-09	1.51E-09	6.88E-10	6.68E-10	0.00E+00	0.00E+00	3.10E-10	5.64E-11	3.58E-10	5.52E-11	5.17E-11	8.31E-10
612	491093.5	3860281.97	2.76E-06	2.72E-06	2.64E-06	9.54E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.81E-10	6.61E-10	0.00E+00	0.00E+00	3.07E-10	5.59E-11	3.55E-10	5.47E-11	5.12E-11	8.23E-10
613	490943.5	3860331.97	2.72E-06	2.68E-06	2.60E-06	9.40E-10	2.84E-09	1.64E-09	1.62E-09	1.47E-09	6.71E-10	6.51E-10	0.00E+00	0.00E+00	3.02E-10	5.51E-11	3.49E-10	5.39E-11	5.04E-11	8.11E-10
614	490993.5	3860331.97	2.69E-06	2.66E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.64E-10	6.45E-10	0.00E+00	0.00E+00	2.99E-10	5.45E-11	3.46E-10	5.34E-11	5.00E-11	8.03E-10
615	491043.5	3860331.97	2.67E-06	2.63E-06	2.55E-06	9.23E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.39E-10	0.00E+00	0.00E+00	2.97E-10	5.40E-11	3.43E-10	5.29E-11	4.95E-11	7.96E-10
616	491093.5	3860331.97	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	0.00E+00	0.00E+00	2.94E-10	5.36E-11	3.40E-10	5.24E-11	4.91E-11	7.89E-10
617	490086.72	3859935.12	4.75E-06	4.69E-06	4.55E-06	1.64E-09	4.96E-09	2.87E-09	2.84E-09	2.57E-09	1.17E-09	1.14E-09	0.00E+00	0.00E+00	5.29E-10	9.63E-11	6.11E-10	9.42E-11	8.82E-11	1.42E-09
618	490136.72	3859935.12	4.70E-06	4.64E-06	4.50E-06	1.63E-09	4.91E-09	2.84E-09	2.81E-09	2.54E-09	1.16E-09	1.13E-09	0.00E+00	0.00E+00	5.23E-10	9.53E-11	6.04E-10	9.32E-11	8.73E-11	1.40E-09
619	490186.72	3859935.12	4.65E-06	4.59E-06	4.46E-06	1.61E-09	4.86E-09	2.81E-09	2.78E-09	2.52E-09	1.15E-09	1.12E-09	0.00E+00	0.00E+00	5.18E-10	9.43E-11	5.98E-10	9.23E-11	8.64E-11	1.39E-09
620	490236.72	3859935.12	4.60E-06	4.54E-06	4.41E-06	1.59E-09	4.81E-09	2.78E-09	2.75E-09	2.49E-09	1.14E-09	1.10E-09	0.00E+00	0.00E+00	5.12E-10	9.33E-11	5.92E-10	9.13E-11	8.55E-11	1.37E-09
621	490286.72	3859935.12	4.55E-06	4.49E-06	4.36E-06	1.57E-09	4.75E-09	2.75E-09	2.72E-09	2.46E-09	1.12E-09	1.09E-09	0.00E+00	0.00E+00	5.06E-10	9.22E-11	5.85E-10	9.02E-11	8.45E-11	1.36E-09
622	490336.72	3859935.12	4.49E-06	4.43E-06	4.31E-06	1.56E-09	4.70E-09	2.72E-09	2.68E-09	2.43E-09	1.11E-09	1.08E-09	0.00E+00	0.00E+00	5.00E-10	9.11E-11	5.78E-10	8.91E-11	8.34E-11	1.34E-09
623	490386.72	3859935.12	4.44E-06	4.38E-06	4.26E-06	1.54E-09	4.64E-09	2.69E-09	2.65E-09	2.40E-09	1.10E-09	1.06E-09	0.00E+00	0.00E+00	4.94E-10	9.00E-11	5.71E-10	8.81E-11	8.25E-11	1.33E-09
624	490436.72	3859935.12	4.39E-06	4.33E-06	4.20E-06	1.52E-09	4.58E-09	2.65E-09	2.62E-09	2.37E-09	1.08E-09	1.05E-09	0.00E+00	0.00E+00	4.88E-10	8.89E-11	5.64E-10	8.70E-11	8.15E-11	1.31E-09
625	490486.72	3859935.12	4.34E-06	4.28E-06	4.16E-06	1.50E-09	4.53E-09	2.62E-09	2.59E-09	2.35E-09	1.07E-09	1.04E-09	0.00E+00	0.00E+00	4.83E-10	8.79E-11	5.58E-10	8.60E-11	8.05E-11	1.29E-09
626	490536.72	3859935.12	4.31E-06	4.26E-06	4.13E-06	1.49E-09	4.51E-09	2.61E-09	2.57E-09	2.33E-09	1.07E-09	1.03E-09	0.00E+00	0.00E+00	4.80E-10	8.74E-11	5.55E-10	8.55E-11	8.01E-11	1.29E-09
627	490586.72	3859935.12	4.30E-06	4.24E-06	4.12E-06	1.49E-09	4.49E-09	2.60E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	0.00E+00	0.00E+00	4.78E-10	8.71E-11	5.53E-10	8.52E-11	7.98E-11	1.28E-09
628	490636.72	3859935.12	4.27E-06	4.21E-06	4.09E-06	1.48E-09	4.46E-09	2.58E-09	2.55E-09	2.31E-09	1.05E-09	1.02E-09	0.00E+00	0.00E+00	4.75E-10	8.65E-11	5.49E-10	8.47E-11	7.93E-11	1.27E-09
629	490686.72	3859935.12	4.27E-06	4.22E-06	4.09E-06	1.48E-09	4.47E-09	2.58E-09	2.55E-09	2.31E-09	1.06E-09	1.02E-09	0.00E+00	0.00E+00	4.76E-10	8.66E-11	5.49E-10	8.47E-11	7.93E-11	1.28E-09

630	490736.72	3859935.12	4.27E-06	4.21E-06	4.09E-06	1.48E-09	4.46E-09	2.58E-09	2.55E-09	2.31E-09	1.05E-09	1.02E-09	0.00E+00	0.00E+00	4.75E-10	8.65E-11	5.49E-10	8.46E-11	7.93E-11	1.27E-09
631	490086.72	3859985.12	4.46E-06	4.40E-06	4.27E-06	1.54E-09	4.66E-09	2.70E-09	2.66E-09	2.41E-09	1.10E-09	1.07E-09	0.00E+00	0.00E+00	4.96E-10	9.03E-11	5.73E-10	8.84E-11	8.28E-11	1.33E-09
632	490136.72	3859985.12	4.41E-06	4.35E-06	4.22E-06	1.53E-09	4.61E-09	2.67E-09	2.63E-09	2.39E-09	1.09E-09	1.06E-09	0.00E+00	0.00E+00	4.91E-10	8.93E-11	5.67E-10	8.74E-11	8.19E-11	1.32E-09
633	490186.72	3859985.12	4.37E-06	4.31E-06	4.18E-06	1.51E-09	4.56E-09	2.64E-09	2.61E-09	2.36E-09	1.08E-09	1.05E-09	0.00E+00	0.00E+00	4.86E-10	8.85E-11	5.62E-10	8.66E-11	8.11E-11	1.30E-09
634	490236.72	3859985.12	4.33E-06	4.27E-06	4.15E-06	1.50E-09	4.53E-09	2.62E-09	2.59E-09	2.34E-09	1.07E-09	1.04E-09	0.00E+00	0.00E+00	4.82E-10	8.78E-11	5.57E-10	8.59E-11	8.04E-11	1.29E-09
635	490286.72	3859985.12	4.28E-06	4.23E-06	4.11E-06	1.48E-09	4.48E-09	2.59E-09	2.56E-09	2.32E-09	1.06E-09	1.03E-09	0.00E+00	0.00E+00	4.77E-10	8.68E-11	5.51E-10	8.50E-11	7.96E-11	1.28E-09
636	490336.72	3859985.12	4.24E-06	4.18E-06	4.06E-06	1.47E-09	4.43E-09	2.56E-09	2.53E-09	2.29E-09	1.05E-09	1.02E-09	0.00E+00	0.00E+00	4.72E-10	8.59E-11	5.45E-10	8.40E-11	7.87E-11	1.26E-09
637	490386.72	3859985.12	4.18E-06	4.13E-06	4.01E-06	1.45E-09	4.37E-09	2.53E-09	2.50E-09	2.26E-09	1.03E-09	1.00E-09	0.00E+00	0.00E+00	4.65E-10	8.47E-11	5.38E-10	8.29E-11	7.76E-11	1.25E-09
638	490436.72	3859985.12	4.13E-06	4.08E-06	3.96E-06	1.43E-09	4.32E-09	2.50E-09	2.47E-09	2.24E-09	1.02E-09	9.91E-10	0.00E+00	0.00E+00	4.60E-10	8.37E-11	5.31E-10	8.19E-11	7.67E-11	1.23E-09
639	490486.72	3859985.12	4.09E-06	4.03E-06	3.92E-06	1.41E-09	4.27E-09	2.47E-09	2.44E-09	2.21E-09	1.01E-09	9.80E-10	0.00E+00	0.00E+00	4.55E-10	8.28E-11	5.26E-10	8.11E-11	7.59E-11	1.22E-09
640	490536.72	3859985.12	4.05E-06	4.00E-06	3.89E-06	1.40E-09	4.24E-09	2.45E-09	2.42E-09	2.19E-09	1.00E-09	9.72E-10	0.00E+00	0.00E+00	4.51E-10	8.22E-11	5.21E-10	8.04E-11	7.53E-11	1.21E-09
641	490586.72	3859985.12	4.03E-06	3.98E-06	3.86E-06	1.40E-09	4.21E-09	2.44E-09	2.41E-09	2.18E-09	9.96E-10	9.67E-10	0.00E+00	0.00E+00	4.49E-10	8.17E-11	5.18E-10	7.99E-11	7.49E-11	1.20E-09
642	490636.72	3859985.12	4.02E-06	3.96E-06	3.85E-06	1.39E-09	4.20E-09	2.43E-09	2.40E-09	2.17E-09	9.92E-10	9.63E-10	0.00E+00	0.00E+00	4.47E-10	8.14E-11	5.16E-10	7.96E-11	7.46E-11	1.20E-09
643	490686.72	3859985.12	4.01E-06	3.96E-06	3.85E-06	1.39E-09	4.20E-09	2.43E-09	2.40E-09	2.17E-09	9.92E-10	9.63E-10	0.00E+00	0.00E+00	4.47E-10	8.14E-11	5.16E-10	7.96E-11	7.46E-11	1.20E-09
644	490736.72	3859985.12	3.99E-06	3.94E-06	3.82E-06	1.38E-09	4.17E-09	2.41E-09	2.38E-09	2.16E-09	9.86E-10	9.57E-10	0.00E+00	0.00E+00	4.44E-10	8.09E-11	5.13E-10	7.92E-11	7.41E-11	1.19E-09
645	490786.72	3859985.12	3.97E-06	3.92E-06	3.81E-06	1.37E-09	4.15E-09	2.40E-09	2.37E-09	2.15E-09	9.81E-10	9.52E-10	0.00E+00	0.00E+00	4.42E-10	8.05E-11	5.11E-10	7.88E-11	7.38E-11	1.19E-09
646	490086.72	3860035.12	4.20E-06	4.15E-06	4.03E-06	1.45E-09	4.39E-09	2.54E-09	2.51E-09	2.27E-09	1.04E-09	1.01E-09	0.00E+00	0.00E+00	4.68E-10	8.52E-11	5.41E-10	8.34E-11	7.81E-11	1.25E-09
647	490136.72	3860035.12	4.16E-06	4.10E-06	3.98E-06	1.44E-09	4.34E-09	2.51E-09	2.48E-09	2.25E-09	1.03E-09	9.97E-10	0.00E+00	0.00E+00	4.63E-10	8.42E-11	5.34E-10	8.24E-11	7.72E-11	1.24E-09
648	490186.72	3860035.12	4.11E-06	4.06E-06	3.94E-06	1.42E-09	4.30E-09	2.49E-09	2.46E-09	2.23E-09	1.02E-09	9.87E-10	0.00E+00	0.00E+00	4.58E-10	8.34E-11	5.29E-10	8.16E-11	7.64E-11	1.23E-09
649	490236.72	3860035.12	4.07E-06	4.02E-06	3.90E-06	1.41E-09	4.26E-09	2.46E-09	2.43E-09	2.20E-09	1.01E-09	9.77E-10	0.00E+00	0.00E+00	4.53E-10	8.26E-11	5.24E-10	8.08E-11	7.57E-11	1.22E-09
650	490286.72	3860035.12	4.03E-06	3.98E-06	3.86E-06	1.40E-09	4.21E-09	2.44E-09	2.41E-09	2.18E-09	9.96E-10	9.67E-10	0.00E+00	0.00E+00	4.49E-10	8.17E-11	5.19E-10	8.00E-11	7.49E-11	1.20E-09
651	490336.72	3860035.12	4.00E-06	3.95E-06	3.83E-06	1.38E-09	4.18E-09	2.42E-09	2.39E-09	2.16E-09	9.88E-10	9.59E-10	0.00E+00	0.00E+00	4.45E-10	8.10E-11	5.14E-10	7.93E-11	7.43E-11	1.19E-09
652	490386.72	3860035.12	3.95E-06	3.90E-06	3.79E-06	1.37E-09	4.13E-09	2.39E-09	2.36E-09	2.14E-09	9.76E-10	9.47E-10	0.00E+00	0.00E+00	4.40E-10	8.01E-11	5.08E-10	7.83E-11	7.34E-11	1.18E-09
653	490436.72	3860035.12	3.91E-06	3.85E-06	3.74E-06	1.35E-09	4.08E-09	2.36E-09	2.33E-09	2.11E-09	9.65E-10	9.37E-10	0.00E+00	0.00E+00	4.35E-10	7.92E-11	5.02E-10	7.75E-11	7.25E-11	1.17E-09
654	490486.72	3860035.12	3.87E-06	3.81E-06	3.70E-06	1.34E-09	4.04E-09	2.34E-09	2.31E-09	2.09E-09	9.55E-10	9.27E-10	0.00E+00	0.00E+00	4.30E-10	7.83E-11	4.97E-10	7.67E-11	7.18E-11	1.15E-09
655	490536.72	3860035.12	3.83E-06	3.78E-06	3.67E-06	1.33E-09	4.01E-09	2.32E-09	2.29E-09	2.08E-09	9.47E-10	9.20E-10	0.00E+00	0.00E+00	4.27E-10	7.77E-11	4.93E-10	7.60E-11	7.12E-11	1.14E-09
656	490586.72	3860035.12	3.80E-06	3.75E-06	3.64E-06	1.32E-09	3.98E-09	2.30E-09	2.27E-09	2.06E-09	9.39E-10	9.12E-10	0.00E+00	0.00E+00	4.23E-10	7.71E-11	4.89E-10	7.54E-11	7.06E-11	1.14E-09
657	490636.72	3860035.12	3.77E-06	3.72E-06	3.61E-06	1.30E-09	3.94E-09	2.28E-09	2.25E-09	2.04E-09	9.30E-10	9.04E-10	0.00E+00	0.00E+00	4.19E-10	7.64E-11	4.84E-10	7.47E-11	7.00E-11	1.12E-09
658	490686.72	3860035.12	3.75E-06	3.70E-06	3.59E-06	1.30E-09	3.92E-09	2.27E-09	2.24E-09	2.03E-09	9.26E-10	9.00E-10	0.00E+00	0.00E+00	4.18E-10	7.60E-11	4.82E-10	7.44E-11	6.97E-11	1.12E-09
659	490736.72	3860035.12	3.75E-06	3.71E-06	3.60E-06	1.30E-09	3.92E-09	2.27E-09	2.24E-09	2.03E-09	9.27E-10	9.00E-10	0.00E+00	0.00E+00	4.18E-10	7.61E-11	4.83E-10	7.45E-11	6.97E-11	1.12E-09
660	490786.72	3860035.12	3.73E-06	3.68E-06	3.57E-06	1.29E-09	3.90E-09	2.26E-09	2.23E-09	2.02E-09	9.21E-10	8.95E-10	0.00E+00	0.00E+00	4.15E-10	7.56E-11	4.80E-10	7.40E-11	6.93E-11	1.11E-09
661	490836.72	3860035.12	3.71E-06	3.66E-06	3.55E-06	1.28E-09	3.87E-09	2.24E-09	2.21E-09	2.01E-09	9.15E-10	8.89E-10	0.00E+00	0.00E+00	4.13E-10	7.51E-11	4.77E-10	7.35E-11	6.88E-11	1.11E-09
662	490086.72	3860085.12	4.00E-06	3.95E-06	3.83E-06	1.38E-09	4.18E-09	2.42E-09	2.39E-09	2.17E-09	9.88E-10	9.60E-10	0.00E+00	0.00E+00	4.45E-10	8.11E-11	5.15E-10	7.93E-11	7.43E-11	1.19E-09
663	490136.72	3860085.12	3.94E-06	3.88E-06	3.77E-06	1.36E-09	4.11E-09	2.38E-09	2.35E-09	2.13E-09	9.72E-10	9.44E-10	0.00E+00	0.00E+00	4.38E-10	7.98E-11	5.06E-10	7.81E-11	7.31E-11	1.18E-09
664	490186.72	3860085.12	3.90E-06	3.85E-06	3.74E-06	1.35E-09	4.08E-09	2.36E-09	2.33E-09	2.11E-09	9.63E-10	9.35E-10	0.00E+00	0.00E+00	4.34E-10	7.90E-11	5.01E-10	7.73E-11	7.24E-11	1.16E-09
665	490236.72	3860085.12	3.86E-06	3.81E-06	3.70E-06	1.34E-09	4.03E-09	2.33E-09	2.30E-09	2.09E-09	9.53E-10	9.25E-10	0.00E+00	0.00E+00	4.29E-10	7.82E-11	4.96E-10	7.65E-11	7.16E-11	1.15E-09
666	490286.72	3860085.12	3.82E-06	3.77E-06	3.66E-06	1.32E-09	3.99E-09	2.31E-09	2.28E-09	2.07E-09	9.43E-10	9.16E-10	0.00E+00	0.00E+00	4.25E-10	7.74E-11	4.91E-10	7.57E-11	7.09E-11	1.14E-09
667	490336.72	3860085.12	3.78E-06	3.73E-06	3.62E-06	1.31E-09	3.95E-09	2.29E-09	2.26E-09	2.04E-09	9.33E-10	9.06E-10	0.00E+00	0.00E+00	4.20E-10	7.66E-11	4.86E-10	7.49E-11	7.01E-11	1.13E-09
668	490386.72	3860085.12	3.74E-06	3.69E-06	3.58E-06	1.29E-09	3.91E-09	2.26E-09	2.23E-09	2.02E-09	9.24E-10	8.97E-10	0.00E+00	0.00E+00	4.16E-10	7.58E-11	4.81E-10	7.42E-11	6.94E-11	1.12E-09
669	490436.72	3860085.12	3.70E-06	3.65E-06	3.55E-06	1.28E-09	3.87E-09	2.24E-09	2.21E-09	2.00E-09	9.14E-10	8.88E-10	0.00E+00	0.00E+00	4.12E-10	7.50E-11	4.76E-10	7.34E-11	6.87E-11	1.11E-09
670	490486.72	3860085.12	3.66E-06	3.61E-06	3.51E-06	1.27E-09	3.83E-09	2.22E-09	2.19E-09	1.98E-09	9.05E-10	8.78E-10	0.00E+00	0.00E+00	4.08E-10	7.42E-11	4.71E-10	7.26E-11	6.80E-11	1.09E-09
671	490536.72	3860085.12	3.63E-06	3.59E-06	3.48E-06	1.26E-09	3.80E-09	2.20E-09	2.17E-09	1.97E-09	8.97E-10	8.71E-10	0.00E+00	0.00E+00	4.04E-10	7.36E-11	4.67E-10	7.21E-11	6.75E-11	1.08E-09
672	490586.72	3860085.12	3.60E-06	3.56E-06	3.45E-06	1.25E-09	3.77E-09	2.18E-09	2.15E-09	1.95E-09	8.90E-10	8.65E-10	0.00E+00	0.00E+00	4.01E-10	7.31E-11	4.64E-10	7.15E-11	6.70E-11	1.08E-09
673	490636.72	3860085.12	3.57E-06	3.53E-06	3.42E-06	1.24E-09	3.73E-09	2.16E-09	2.13E-09	1.93E-09	8.82E-10	8.57E-10	0.00E+00	0.00E+00	3.98E-10	7.24E-11	4.59E-10	7.09E-11	6.63E-11	1.07E-09
674	490686.72	3860085.12	3.55E-06	3.50E-06	3.40E-06	1.23E-09	3.71E-09	2.15E-09	2.12E-09	1.92E-09	8.77E-10	8.51E-10	0.00E+00	0.00E+00	3.95E-10	7.20E-11	4.57E-10	7.04E-11	6.59E-11	1.06E-09
675	490736.72	3860085.12	3.53E-06	3.49E-06	3.39E-06	1.22E-09	3.69E-09	2.14E-09	2.11E-09	1.91E-09	8.73E-10	8.48E-10	0.00E+00	0.00E+00	3.93E-10	7.16E-11	4.55E-10	7.01E-11	6.56E-11	1.06E-09
676	490786.72	3860085.12	3.52E-06	3.47E-06	3.37E-06	1.22E-09	3.68E-09	2.13E-09	2.10E-09	1.91E-09	8.69E-10	8.44E-10	0.00E+00	0.00E+00	3.92E-10	7.13E-11	4.53E-10	6.98E-11	6.54E-11	1.05E-09
677	490836.72	3860085.12	3.49E-06	3.45E-06	3.35E-06	1.21E-09	3.65E-09	2.11E-09	2.09E-09	1.89E-09	8.63E-10	8.38E-10	0.00E+00	0.00E+00	3.89E-10	7.08E-11	4.49E-10	6.93E-11	6.49E-11	1.04E-09
678	490086.72	3860135.12	3.79E-06	3.74E-06	3.63E-06	1.31E-09	3.96E-09	2.29E-09	2.26E-09	2.05E-09	9.36E-10	9.09E-10	0.00E+00	0.00E+00	4.22E-10	7.68E-11	4.87E-10	7.51E-11	7.04E-11	1.13E-09
679	490136.72	3860135.12	3.74E-06	3.69E-06	3.59E-06	1.30E-09	3.91E-09	2.27E-09	2.24E-09	2.03E-09	9.25E-10	8.98E-10	0.00E+00	0.00E+00	4.17E-10	7.59E-11	4.82E-10	7.43E-11	6.95E-11	1.12E-09
680	490186.72	3860135.12	3.70E-06	3.65E-06	3.55E-06	1.28E-09	3.87E-09	2.24E-09	2.21E-09	2.00E-09	9.15E-10	8.88E-10	0.00E+00	0.00E+00	4.12E-10	7.51E-11	4.76E-10	7.35E-11	6.88E-11	1.11E-09
681	490236.72	3860135.12	3.66E-06	3.61E-06	3.51E-06	1.27E-09	3.82E-09	2.21E-09	2.18E-09	1.98E-09	9.04E-10	8.78E-10	0.00E+00	0.00E+00	4.07E-10	7.42E-11	4.71E-10	7.26E-11	6.80E-11	1.09E-09
682	490286.72	3860135.12	3.62E-06	3.57E-06	3.47E-06	1.25E-09	3.78E-09	2.19E-09	2.16E-09	1.96E-09	8.94E-10	8.69E-10	0.00E+00	0.00E+00	4.03E-10	7.34E-11	4.66E-10	7.18E-11	6.73E-11	1.08E-09

683	490336.72	3860135.12	3.59E-06	3.54E-06	3.44E-06	1.24E-09	3.75E-09	2.17E-09	2.14E-09	1.94E-09	8.86E-10	8.60E-10	0.00E+00	0.00E+00	3.99E-10	7.27E-11	4.61E-10	7.11E-11	6.66E-11	1.07E-09
684	490386.72	3860135.12	3.55E-06	3.50E-06	3.40E-06	1.23E-09	3.71E-09	2.15E-09	2.12E-09	1.92E-09	8.77E-10	8.51E-10	0.00E+00	0.00E+00	3.95E-10	7.19E-11	4.57E-10	7.04E-11	6.59E-11	1.06E-09
685	490436.72	3860135.12	3.51E-06	3.47E-06	3.37E-06	1.22E-09	3.67E-09	2.13E-09	2.10E-09	1.90E-09	8.68E-10	8.43E-10	0.00E+00	0.00E+00	3.91E-10	7.12E-11	4.52E-10	6.97E-11	6.52E-11	1.05E-09
686	490486.72	3860135.12	3.48E-06	3.44E-06	3.34E-06	1.21E-09	3.64E-09	2.11E-09	2.08E-09	1.88E-09	8.60E-10	8.35E-10	0.00E+00	0.00E+00	3.88E-10	7.06E-11	4.48E-10	6.90E-11	6.47E-11	1.04E-09
687	490536.72	3860135.12	3.46E-06	3.41E-06	3.31E-06	1.20E-09	3.61E-09	2.09E-09	2.06E-09	1.87E-09	8.54E-10	8.29E-10	0.00E+00	0.00E+00	3.85E-10	7.01E-11	4.45E-10	6.86E-11	6.42E-11	1.03E-09
688	490586.72	3860135.12	3.43E-06	3.38E-06	3.29E-06	1.19E-09	3.58E-09	2.07E-09	2.05E-09	1.86E-09	8.47E-10	8.22E-10	0.00E+00	0.00E+00	3.82E-10	6.95E-11	4.41E-10	6.80E-11	6.37E-11	1.02E-09
689	490636.72	3860135.12	3.40E-06	3.36E-06	3.26E-06	1.18E-09	3.55E-09	2.06E-09	2.03E-09	1.84E-09	8.40E-10	8.15E-10	0.00E+00	0.00E+00	3.78E-10	6.89E-11	4.37E-10	6.74E-11	6.31E-11	1.02E-09
690	490686.72	3860135.12	3.37E-06	3.33E-06	3.23E-06	1.17E-09	3.52E-09	2.04E-09	2.01E-09	1.82E-09	8.33E-10	8.08E-10	0.00E+00	0.00E+00	3.75E-10	6.83E-11	4.34E-10	6.69E-11	6.26E-11	1.01E-09
691	490736.72	3860135.12	3.35E-06	3.30E-06	3.21E-06	1.16E-09	3.50E-09	2.02E-09	2.00E-09	1.81E-09	8.27E-10	8.03E-10	0.00E+00	0.00E+00	3.72E-10	6.78E-11	4.30E-10	6.64E-11	6.22E-11	9.99E-10
692	490786.72	3860135.12	3.33E-06	3.29E-06	3.19E-06	1.15E-09	3.48E-09	2.02E-09	1.99E-09	1.80E-09	8.23E-10	7.99E-10	0.00E+00	0.00E+00	3.71E-10	6.75E-11	4.28E-10	6.61E-11	6.19E-11	9.95E-10
693	490836.72	3860135.12	3.30E-06	3.26E-06	3.17E-06	1.14E-09	3.45E-09	2.00E-09	1.97E-09	1.79E-09	8.16E-10	7.92E-10	0.00E+00	0.00E+00	3.68E-10	6.70E-11	4.25E-10	6.55E-11	6.14E-11	9.86E-10
694	490086.72	3860185.12	3.62E-06	3.57E-06	3.47E-06	1.25E-09	3.78E-09	2.19E-09	2.16E-09	1.96E-09	8.93E-10	8.68E-10	0.00E+00	0.00E+00	4.03E-10	7.33E-11	4.65E-10	7.17E-11	6.72E-11	1.08E-09
695	490136.72	3860185.12	3.58E-06	3.53E-06	3.43E-06	1.24E-09	3.74E-09	2.16E-09	2.14E-09	1.94E-09	8.83E-10	8.58E-10	0.00E+00	0.00E+00	3.98E-10	7.25E-11	4.60E-10	7.09E-11	6.64E-11	1.07E-09
696	490186.72	3860185.12	3.53E-06	3.49E-06	3.39E-06	1.22E-09	3.69E-09	2.14E-09	2.11E-09	1.91E-09	8.73E-10	8.48E-10	0.00E+00	0.00E+00	3.93E-10	7.16E-11	4.55E-10	7.01E-11	6.56E-11	1.06E-09
697	490236.72	3860185.12	3.49E-06	3.44E-06	3.34E-06	1.21E-09	3.65E-09	2.11E-09	2.08E-09	1.89E-09	8.62E-10	8.37E-10	0.00E+00	0.00E+00	3.88E-10	7.07E-11	4.49E-10	6.92E-11	6.48E-11	1.04E-09
698	490286.72	3860185.12	3.45E-06	3.40E-06	3.31E-06	1.19E-09	3.60E-09	2.09E-09	2.06E-09	1.87E-09	8.52E-10	8.27E-10	0.00E+00	0.00E+00	3.84E-10	6.99E-11	4.44E-10	6.84E-11	6.41E-11	1.03E-09
699	490336.72	3860185.12	3.41E-06	3.37E-06	3.27E-06	1.18E-09	3.57E-09	2.06E-09	2.04E-09	1.85E-09	8.43E-10	8.18E-10	0.00E+00	0.00E+00	3.80E-10	6.91E-11	4.39E-10	6.77E-11	6.34E-11	1.02E-09
700	490386.72	3860185.12	3.38E-06	3.33E-06	3.24E-06	1.17E-09	3.53E-09	2.04E-09	2.02E-09	1.83E-09	8.34E-10	8.10E-10	0.00E+00	0.00E+00	3.76E-10	6.85E-11	4.34E-10	6.70E-11	6.27E-11	1.01E-09
701	490436.72	3860185.12	3.35E-06	3.30E-06	3.21E-06	1.16E-09	3.50E-09	2.02E-09	2.00E-09	1.81E-09	8.27E-10	8.03E-10	0.00E+00	0.00E+00	3.72E-10	6.78E-11	4.30E-10	6.64E-11	6.21E-11	9.99E-10
702	490486.72	3860185.12	3.32E-06	3.27E-06	3.18E-06	1.15E-09	3.47E-09	2.01E-09	1.98E-09	1.80E-09	8.19E-10	7.96E-10	0.00E+00	0.00E+00	3.69E-10	6.72E-11	4.27E-10	6.58E-11	6.16E-11	9.90E-10
703	490536.72	3860185.12	3.29E-06	3.25E-06	3.15E-06	1.14E-09	3.44E-09	1.99E-09	1.97E-09	1.78E-09	8.13E-10	7.90E-10	0.00E+00	0.00E+00	3.66E-10	6.67E-11	4.23E-10	6.53E-11	6.11E-11	9.83E-10
704	490586.72	3860185.12	3.27E-06	3.23E-06	3.14E-06	1.13E-09	3.42E-09	1.98E-09	1.95E-09	1.77E-09	8.08E-10	7.85E-10	0.00E+00	0.00E+00	3.64E-10	6.63E-11	4.21E-10	6.49E-11	6.08E-11	9.77E-10
705	490636.72	3860185.12	3.24E-06	3.20E-06	3.11E-06	1.12E-09	3.39E-09	1.96E-09	1.94E-09	1.76E-09	8.01E-10	7.78E-10	0.00E+00	0.00E+00	3.61E-10	6.57E-11	4.17E-10	6.43E-11	6.02E-11	9.68E-10
706	490686.72	3860185.12	3.22E-06	3.18E-06	3.08E-06	1.11E-09	3.36E-09	1.95E-09	1.92E-09	1.74E-09	7.95E-10	7.72E-10	0.00E+00	0.00E+00	3.58E-10	6.52E-11	4.14E-10	6.38E-11	5.98E-11	9.61E-10
707	490736.72	3860185.12	3.19E-06	3.15E-06	3.05E-06	1.10E-09	3.33E-09	1.93E-09	1.90E-09	1.73E-09	7.87E-10	7.65E-10	0.00E+00	0.00E+00	3.55E-10	6.46E-11	4.10E-10	6.32E-11	5.92E-11	9.52E-10
708	490786.72	3860185.12	3.16E-06	3.12E-06	3.03E-06	1.10E-09	3.31E-09	1.91E-09	1.89E-09	1.71E-09	7.82E-10	7.59E-10	0.00E+00	0.00E+00	3.52E-10	6.41E-11	4.07E-10	6.28E-11	5.88E-11	9.45E-10
709	490836.72	3860185.12	3.14E-06	3.10E-06	3.01E-06	1.09E-09	3.28E-09	1.90E-09	1.88E-09	1.70E-09	7.76E-10	7.53E-10	0.00E+00	0.00E+00	3.50E-10	6.37E-11	4.04E-10	6.23E-11	5.83E-11	9.38E-10
710	490086.72	3860235.12	3.47E-06	3.42E-06	3.33E-06	1.20E-09	3.63E-09	2.10E-09	2.07E-09	1.88E-09	8.57E-10	8.32E-10	0.00E+00	0.00E+00	3.86E-10	7.03E-11	4.46E-10	6.88E-11	6.44E-11	1.04E-09
711	490136.72	3860235.12	3.43E-06	3.38E-06	3.28E-06	1.19E-09	3.58E-09	2.07E-09	2.05E-09	1.85E-09	8.46E-10	8.22E-10	0.00E+00	0.00E+00	3.81E-10	6.94E-11	4.41E-10	6.80E-11	6.36E-11	1.02E-09
712	490186.72	3860235.12	3.38E-06	3.34E-06	3.24E-06	1.17E-09	3.54E-09	2.05E-09	2.02E-09	1.83E-09	8.36E-10	8.12E-10	0.00E+00	0.00E+00	3.77E-10	6.86E-11	4.35E-10	6.71E-11	6.29E-11	1.01E-09
713	490236.72	3860235.12	3.34E-06	3.30E-06	3.20E-06	1.16E-09	3.49E-09	2.02E-09	1.99E-09	1.81E-09	8.25E-10	8.01E-10	0.00E+00	0.00E+00	3.72E-10	6.77E-11	4.30E-10	6.63E-11	6.20E-11	9.98E-10
714	490286.72	3860235.12	3.30E-06	3.26E-06	3.16E-06	1.14E-09	3.45E-09	2.00E-09	1.97E-09	1.79E-09	8.15E-10	7.91E-10	0.00E+00	0.00E+00	3.67E-10	6.69E-11	4.24E-10	6.54E-11	6.13E-11	9.85E-10
715	490336.72	3860235.12	3.26E-06	3.22E-06	3.13E-06	1.13E-09	3.41E-09	1.97E-09	1.95E-09	1.77E-09	8.06E-10	7.82E-10	0.00E+00	0.00E+00	3.63E-10	6.61E-11	4.19E-10	6.47E-11	6.06E-11	9.74E-10
716	490386.72	3860235.12	3.23E-06	3.18E-06	3.09E-06	1.12E-09	3.37E-09	1.95E-09	1.93E-09	1.75E-09	7.97E-10	7.74E-10	0.00E+00	0.00E+00	3.59E-10	6.54E-11	4.15E-10	6.40E-11	5.99E-11	9.64E-10
717	490436.72	3860235.12	3.20E-06	3.16E-06	3.06E-06	1.11E-09	3.34E-09	1.93E-09	1.91E-09	1.73E-09	7.90E-10	7.67E-10	0.00E+00	0.00E+00	3.56E-10	6.48E-11	4.11E-10	6.34E-11	5.94E-11	9.55E-10
718	490486.72	3860235.12	3.17E-06	3.13E-06	3.04E-06	1.10E-09	3.31E-09	1.92E-09	1.89E-09	1.72E-09	7.83E-10	7.60E-10	0.00E+00	0.00E+00	3.53E-10	6.42E-11	4.08E-10	6.29E-11	5.89E-11	9.46E-10
719	490536.72	3860235.12	3.15E-06	3.10E-06	3.01E-06	1.09E-09	3.29E-09	1.90E-09	1.88E-09	1.70E-09	7.77E-10	7.54E-10	0.00E+00	0.00E+00	3.50E-10	6.38E-11	4.05E-10	6.24E-11	5.84E-11	9.39E-10
720	490586.72	3860235.12	3.12E-06	3.08E-06	2.99E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.49E-10	0.00E+00	0.00E+00	3.48E-10	6.33E-11	4.02E-10	6.20E-11	5.80E-11	9.33E-10
721	490636.72	3860235.12	3.10E-06	3.06E-06	2.97E-06	1.07E-09	3.24E-09	1.88E-09	1.85E-09	1.68E-09	7.66E-10	7.44E-10	0.00E+00	0.00E+00	3.45E-10	6.29E-11	3.99E-10	6.15E-11	5.76E-11	9.26E-10
722	490686.72	3860235.12	3.08E-06	3.04E-06	2.95E-06	1.07E-09	3.22E-09	1.86E-09	1.84E-09	1.67E-09	7.60E-10	7.38E-10	0.00E+00	0.00E+00	3.43E-10	6.24E-11	3.96E-10	6.11E-11	5.72E-11	9.19E-10
723	490736.72	3860235.12	3.05E-06	3.01E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.54E-10	7.32E-10	0.00E+00	0.00E+00	3.40E-10	6.19E-11	3.93E-10	6.05E-11	5.67E-11	9.11E-10
724	490786.72	3860235.12	3.02E-06	2.99E-06	2.90E-06	1.05E-09	3.16E-09	1.83E-09	1.81E-09	1.64E-09	7.47E-10	7.26E-10	0.00E+00	0.00E+00	3.37E-10	6.13E-11	3.89E-10	6.00E-11	5.62E-11	9.03E-10
725	490086.72	3860285.12	3.33E-06	3.29E-06	3.19E-06	1.15E-09	3.48E-09	2.02E-09	1.99E-09	1.80E-09	8.23E-10	7.99E-10	0.00E+00	0.00E+00	3.71E-10	6.76E-11	4.29E-10	6.61E-11	6.19E-11	9.95E-10
726	490136.72	3860285.12	3.29E-06	3.25E-06	3.15E-06	1.14E-09	3.44E-09	1.99E-09	1.97E-09	1.78E-09	8.13E-10	7.90E-10	0.00E+00	0.00E+00	3.66E-10	6.67E-11	4.23E-10	6.53E-11	6.11E-11	9.83E-10
727	490186.72	3860285.12	3.25E-06	3.21E-06	3.11E-06	1.12E-09	3.40E-09	1.97E-09	1.94E-09	1.76E-09	8.02E-10	7.79E-10	0.00E+00	0.00E+00	3.62E-10	6.58E-11	4.18E-10	6.44E-11	6.03E-11	9.70E-10
728	490236.72	3860285.12	3.21E-06	3.17E-06	3.08E-06	1.11E-09	3.35E-09	1.94E-09	1.92E-09	1.74E-09	7.93E-10	7.70E-10	0.00E+00	0.00E+00	3.57E-10	6.50E-11	4.13E-10	6.36E-11	5.96E-11	9.58E-10
729	490286.72	3860285.12	3.17E-06	3.12E-06	3.03E-06	1.10E-09	3.31E-09	1.92E-09	1.89E-09	1.71E-09	7.82E-10	7.59E-10	0.00E+00	0.00E+00	3.52E-10	6.42E-11	4.07E-10	6.28E-11	5.88E-11	9.46E-10
730	490336.72	3860285.12	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.50E-10	0.00E+00	0.00E+00	3.48E-10	6.34E-11	4.02E-10	6.20E-11	5.81E-11	9.34E-10
731	490386.72	3860285.12	3.09E-06	3.05E-06	2.97E-06	1.07E-09	3.23E-09	1.87E-09	1.85E-09	1.68E-09	7.64E-10	7.42E-10	0.00E+00	0.00E+00	3.45E-10	6.27E-11	3.98E-10	6.14E-11	5.75E-11	9.24E-10
732	490436.72	3860285.12	3.06E-06	3.02E-06	2.94E-06	1.06E-09	3.20E-09	1.85E-09	1.83E-09	1.66E-09	7.57E-10	7.35E-10	0.00E+00	0.00E+00	3.41E-10	6.21E-11	3.94E-10	6.08E-11	5.69E-11	9.15E-10
733	490486.72	3860285.12	3.04E-06	3.00E-06	2.91E-06	1.05E-09	3.17E-09	1.84E-09	1.81E-09	1.64E-09	7.50E-10	7.28E-10	0.00E+00	0.00E+00	3.38E-10	6.16E-11	3.91E-10	6.02E-11	5.64E-11	9.07E-10
734	490536.72	3860285.12	3.01E-06	2.97E-06	2.89E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.44E-10	7.22E-10	0.00E+00	0.00E+00	3.35E-10	6.10E-11	3.87E-10	5.97E-11	5.59E-11	8.99E-10
735	490586.72	3860285.12	2.99E-06	2.95E-06	2.86E-06	1.03E-09	3.12E-09	1.81E-09	1.78E-09	1.62E-09	7.38E-10	7.17E-10	0.00E+00	0.00E+00	3.33E-10	6.06E-11	3.84E-10	5.93E-11	5.55E-11	8.92E-10

736	490636.72	3860285.12	2.97E-06	2.93E-06	2.84E-06	1.03E-09	3.10E-09	1.80E-09	1.77E-09	1.61E-09	7.33E-10	7.12E-10	0.00E+00	0.00E+00	3.30E-10	6.01E-11	3.82E-10	5.89E-11	5.51E-11	8.86E-10
737	490686.72	3860285.12	2.95E-06	2.91E-06	2.83E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.60E-09	7.28E-10	7.07E-10	0.00E+00	0.00E+00	3.28E-10	5.98E-11	3.79E-10	5.85E-11	5.48E-11	8.80E-10
738	490736.72	3860285.12	2.93E-06	2.89E-06	2.80E-06	1.01E-09	3.06E-09	1.77E-09	1.75E-09	1.58E-09	7.23E-10	7.02E-10	0.00E+00	0.00E+00	3.26E-10	5.93E-11	3.76E-10	5.80E-11	5.43E-11	8.74E-10
739	490786.72	3860285.12	2.90E-06	2.87E-06	2.78E-06	1.00E-09	3.03E-09	1.76E-09	1.73E-09	1.57E-09	7.17E-10	6.96E-10	0.00E+00	0.00E+00	3.23E-10	5.88E-11	3.73E-10	5.76E-11	5.39E-11	8.67E-10
740	490086.72	3860335.12	3.21E-06	3.16E-06	3.07E-06	1.11E-09	3.35E-09	1.94E-09	1.91E-09	1.74E-09	7.92E-10	7.69E-10	0.00E+00	0.00E+00	3.57E-10	6.50E-11	4.12E-10	6.36E-11	5.96E-11	9.58E-10
741	490136.72	3860335.12	3.17E-06	3.13E-06	3.04E-06	1.10E-09	3.31E-09	1.92E-09	1.89E-09	1.71E-09	7.83E-10	7.60E-10	0.00E+00	0.00E+00	3.53E-10	6.42E-11	4.07E-10	6.28E-11	5.88E-11	9.46E-10
742	490186.72	3860335.12	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.50E-10	0.00E+00	0.00E+00	3.48E-10	6.34E-11	4.02E-10	6.20E-11	5.81E-11	9.33E-10
743	490236.72	3860335.12	3.09E-06	3.05E-06	2.96E-06	1.07E-09	3.23E-09	1.87E-09	1.84E-09	1.67E-09	7.63E-10	7.41E-10	0.00E+00	0.00E+00	3.44E-10	6.26E-11	3.97E-10	6.13E-11	5.74E-11	9.22E-10
744	490286.72	3860335.12	3.05E-06	3.01E-06	2.92E-06	1.06E-09	3.19E-09	1.84E-09	1.82E-09	1.65E-09	7.53E-10	7.31E-10	0.00E+00	0.00E+00	3.39E-10	6.18E-11	3.92E-10	6.05E-11	5.66E-11	9.10E-10
745	490336.72	3860335.12	3.01E-06	2.97E-06	2.88E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.43E-10	7.22E-10	0.00E+00	0.00E+00	3.35E-10	6.10E-11	3.87E-10	5.97E-11	5.59E-11	8.99E-10
746	490386.72	3860335.12	2.98E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.14E-10	0.00E+00	0.00E+00	3.31E-10	6.03E-11	3.83E-10	5.90E-11	5.53E-11	8.88E-10
747	490436.72	3860335.12	2.94E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.59E-09	7.27E-10	7.06E-10	0.00E+00	0.00E+00	3.28E-10	5.97E-11	3.79E-10	5.84E-11	5.47E-11	8.79E-10
748	490486.72	3860335.12	2.92E-06	2.88E-06	2.80E-06	1.01E-09	3.05E-09	1.76E-09	1.74E-09	1.58E-09	7.20E-10	7.00E-10	0.00E+00	0.00E+00	3.25E-10	5.91E-11	3.75E-10	5.78E-11	5.42E-11	8.71E-10
749	490536.72	3860335.12	2.89E-06	2.86E-06	2.77E-06	1.00E-09	3.02E-09	1.75E-09	1.73E-09	1.57E-09	7.15E-10	6.94E-10	0.00E+00	0.00E+00	3.22E-10	5.86E-11	3.72E-10	5.74E-11	5.37E-11	8.64E-10
750	490586.72	3860335.12	2.87E-06	2.83E-06	2.75E-06	9.93E-10	3.00E-09	1.74E-09	1.71E-09	1.55E-09	7.09E-10	6.88E-10	0.00E+00	0.00E+00	3.19E-10	5.81E-11	3.69E-10	5.69E-11	5.33E-11	8.57E-10
751	490636.72	3860335.12	2.85E-06	2.81E-06	2.73E-06	9.86E-10	2.98E-09	1.72E-09	1.70E-09	1.54E-09	7.03E-10	6.83E-10	0.00E+00	0.00E+00	3.17E-10	5.77E-11	3.66E-10	5.65E-11	5.29E-11	8.50E-10
752	490686.72	3860335.12	2.83E-06	2.79E-06	2.71E-06	9.79E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	6.99E-10	6.78E-10	0.00E+00	0.00E+00	3.15E-10	5.73E-11	3.64E-10	5.61E-11	5.25E-11	8.45E-10
753	490736.72	3860335.12	2.81E-06	2.77E-06	2.69E-06	9.72E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	0.00E+00	0.00E+00	3.13E-10	5.69E-11	3.61E-10	5.57E-11	5.22E-11	8.39E-10
754	490786.72	3860335.12	2.79E-06	2.76E-06	2.68E-06	9.66E-10	2.92E-09	1.69E-09	1.67E-09	1.51E-09	6.90E-10	6.70E-10	0.00E+00	0.00E+00	3.11E-10	5.66E-11	3.59E-10	5.54E-11	5.18E-11	8.34E-10
755	490086.72	3860385.12	3.09E-06	3.05E-06	2.96E-06	1.07E-09	3.23E-09	1.87E-09	1.85E-09	1.67E-09	7.64E-10	7.42E-10	0.00E+00	0.00E+00	3.44E-10	6.27E-11	3.98E-10	6.13E-11	5.74E-11	9.23E-10
756	490136.72	3860385.12	3.06E-06	3.02E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.55E-10	7.33E-10	0.00E+00	0.00E+00	3.40E-10	6.19E-11	3.93E-10	6.06E-11	5.67E-11	9.12E-10
757	490186.72	3860385.12	3.01E-06	2.97E-06	2.89E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.44E-10	7.23E-10	0.00E+00	0.00E+00	3.35E-10	6.11E-11	3.87E-10	5.98E-11	5.60E-11	9.00E-10
758	490236.72	3860385.12	2.98E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.14E-10	0.00E+00	0.00E+00	3.31E-10	6.03E-11	3.83E-10	5.90E-11	5.53E-11	8.89E-10
759	490286.72	3860385.12	2.94E-06	2.90E-06	2.82E-06	1.02E-09	3.07E-09	1.78E-09	1.75E-09	1.59E-09	7.26E-10	7.05E-10	0.00E+00	0.00E+00	3.27E-10	5.96E-11	3.78E-10	5.83E-11	5.46E-11	8.77E-10
760	490336.72	3860385.12	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.76E-09	1.73E-09	1.57E-09	7.17E-10	6.96E-10	0.00E+00	0.00E+00	3.23E-10	5.88E-11	3.73E-10	5.76E-11	5.39E-11	8.67E-10
761	490386.72	3860385.12	2.87E-06	2.83E-06	2.75E-06	9.93E-10	3.00E-09	1.74E-09	1.71E-09	1.55E-09	7.08E-10	6.88E-10	0.00E+00	0.00E+00	3.19E-10	5.81E-11	3.69E-10	5.69E-11	5.33E-11	8.57E-10
762	490436.72	3860385.12	2.84E-06	2.80E-06	2.72E-06	9.82E-10	2.97E-09	1.72E-09	1.69E-09	1.54E-09	7.01E-10	6.81E-10	0.00E+00	0.00E+00	3.16E-10	5.75E-11	3.65E-10	5.63E-11	5.27E-11	8.47E-10
763	490486.72	3860385.12	2.81E-06	2.77E-06	2.69E-06	9.73E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	0.00E+00	0.00E+00	3.13E-10	5.70E-11	3.62E-10	5.58E-11	5.22E-11	8.39E-10
764	490536.72	3860385.12	2.79E-06	2.75E-06	2.67E-06	9.64E-10	2.91E-09	1.69E-09	1.66E-09	1.51E-09	6.88E-10	6.68E-10	0.00E+00	0.00E+00	3.10E-10	5.65E-11	3.58E-10	5.53E-11	5.17E-11	8.32E-10
765	490586.72	3860385.12	2.76E-06	2.73E-06	2.65E-06	9.56E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.82E-10	6.63E-10	0.00E+00	0.00E+00	3.08E-10	5.60E-11	3.55E-10	5.48E-11	5.13E-11	8.25E-10
766	490636.72	3860385.12	2.74E-06	2.70E-06	2.63E-06	9.48E-10	2.86E-09	1.66E-09	1.64E-09	1.48E-09	6.77E-10	6.57E-10	0.00E+00	0.00E+00	3.05E-10	5.55E-11	3.52E-10	5.43E-11	5.09E-11	8.18E-10
767	490686.72	3860385.12	2.72E-06	2.69E-06	2.61E-06	9.42E-10	2.84E-09	1.65E-09	1.63E-09	1.47E-09	6.72E-10	6.53E-10	0.00E+00	0.00E+00	3.03E-10	5.52E-11	3.50E-10	5.40E-11	5.05E-11	8.13E-10
768	490736.72	3860385.12	2.70E-06	2.66E-06	2.59E-06	9.35E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.67E-10	6.48E-10	0.00E+00	0.00E+00	3.01E-10	5.47E-11	3.47E-10	5.35E-11	5.01E-11	8.06E-10
769	490786.72	3860385.12	2.68E-06	2.64E-06	2.57E-06	9.28E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.62E-10	6.43E-10	0.00E+00	0.00E+00	2.98E-10	5.43E-11	3.45E-10	5.32E-11	4.98E-11	8.00E-10
770	490136.72	3860435.12	2.95E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.60E-09	7.28E-10	7.07E-10	0.00E+00	0.00E+00	3.28E-10	5.97E-11	3.79E-10	5.85E-11	5.47E-11	8.80E-10
771	490186.72	3860435.12	2.91E-06	2.87E-06	2.79E-06	1.01E-09	3.04E-09	1.76E-09	1.74E-09	1.58E-09	7.19E-10	6.98E-10	0.00E+00	0.00E+00	3.24E-10	5.90E-11	3.74E-10	5.77E-11	5.40E-11	8.69E-10
772	490236.72	3860435.12	2.87E-06	2.84E-06	2.75E-06	9.95E-10	3.00E-09	1.74E-09	1.72E-09	1.56E-09	7.10E-10	6.89E-10	0.00E+00	0.00E+00	3.20E-10	5.82E-11	3.70E-10	5.70E-11	5.34E-11	8.58E-10
773	490286.72	3860435.12	2.84E-06	2.80E-06	2.72E-06	9.82E-10	2.97E-09	1.72E-09	1.69E-09	1.54E-09	7.01E-10	6.81E-10	0.00E+00	0.00E+00	3.16E-10	5.75E-11	3.65E-10	5.63E-11	5.27E-11	8.47E-10
774	490336.72	3860435.12	2.80E-06	2.77E-06	2.69E-06	9.70E-10	2.93E-09	1.70E-09	1.67E-09	1.52E-09	6.92E-10	6.72E-10	0.00E+00	0.00E+00	3.12E-10	5.68E-11	3.60E-10	5.56E-11	5.20E-11	8.37E-10
775	490386.72	3860435.12	2.77E-06	2.73E-06	2.66E-06	9.59E-10	2.90E-09	1.68E-09	1.65E-09	1.50E-09	6.84E-10	6.64E-10	0.00E+00	0.00E+00	3.08E-10	5.62E-11	3.56E-10	5.49E-11	5.15E-11	8.27E-10
776	490436.72	3860435.12	2.74E-06	2.70E-06	2.63E-06	9.49E-10	2.86E-09	1.66E-09	1.64E-09	1.48E-09	6.77E-10	6.57E-10	0.00E+00	0.00E+00	3.05E-10	5.55E-11	3.52E-10	5.44E-11	5.09E-11	8.18E-10
777	490486.72	3860435.12	2.71E-06	2.68E-06	2.60E-06	9.39E-10	2.84E-09	1.64E-09	1.62E-09	1.47E-09	6.70E-10	6.51E-10	0.00E+00	0.00E+00	3.02E-10	5.50E-11	3.49E-10	5.38E-11	5.04E-11	8.10E-10
778	490536.72	3860435.12	2.69E-06	2.65E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.64E-10	6.45E-10	0.00E+00	0.00E+00	2.99E-10	5.45E-11	3.46E-10	5.33E-11	4.99E-11	8.03E-10
779	490586.72	3860435.12	2.66E-06	2.63E-06	2.55E-06	9.22E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.39E-10	0.00E+00	0.00E+00	2.97E-10	5.40E-11	3.43E-10	5.28E-11	4.95E-11	7.95E-10
780	490636.72	3860435.12	2.64E-06	2.61E-06	2.53E-06	9.14E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.52E-10	6.33E-10	0.00E+00	0.00E+00	2.94E-10	5.35E-11	3.40E-10	5.24E-11	4.90E-11	7.88E-10
781	490686.72	3860435.12	2.62E-06	2.59E-06	2.51E-06	9.07E-10	2.74E-09	1.59E-09	1.56E-09	1.42E-09	6.47E-10	6.28E-10	0.00E+00	0.00E+00	2.92E-10	5.31E-11	3.37E-10	5.20E-11	4.87E-11	7.82E-10
782	490736.72	3860435.12	2.60E-06	2.57E-06	2.49E-06	9.01E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.43E-10	6.24E-10	0.00E+00	0.00E+00	2.90E-10	5.28E-11	3.35E-10	5.16E-11	4.83E-11	7.77E-10
783	490786.72	3860435.12	2.58E-06	2.55E-06	2.47E-06	8.94E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.38E-10	6.19E-10	0.00E+00	0.00E+00	2.87E-10	5.23E-11	3.32E-10	5.12E-11	4.80E-11	7.71E-10
784	490136.72	3860485.12	2.85E-06	2.82E-06	2.74E-06	9.88E-10	2.98E-09	1.73E-09	1.70E-09	1.54E-09	7.05E-10	6.85E-10	0.00E+00	0.00E+00	3.18E-10	5.78E-11	3.67E-10	5.66E-11	5.30E-11	8.52E-10
785	490186.72	3860485.12	2.82E-06	2.78E-06	2.70E-06	9.75E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.95E-10	6.75E-10	0.00E+00	0.00E+00	3.13E-10	5.71E-11	3.62E-10	5.58E-11	5.23E-11	8.41E-10
786	490236.72	3860485.12	2.78E-06	2.74E-06	2.66E-06	9.61E-10	2.90E-09	1.68E-09	1.66E-09	1.50E-09	6.86E-10	6.66E-10	0.00E+00	0.00E+00	3.09E-10	5.63E-11	3.57E-10	5.51E-11	5.16E-11	8.29E-10
787	490286.72	3860485.12	2.74E-06	2.71E-06	2.63E-06	9.50E-10	2.87E-09	1.66E-09	1.64E-09	1.49E-09	6.78E-10	6.58E-10	0.00E+00	0.00E+00	3.06E-10	5.56E-11	3.53E-10	5.44E-11	5.10E-11	8.20E-10
788	490336.72	3860485.12	2.71E-06	2.68E-06	2.60E-06	9.38E-10	2.83E-09	1.64E-09	1.62E-09	1.47E-09	6.70E-10	6.50E-10	0.00E+00	0.00E+00	3.02E-10	5.49E-11	3.49E-10	5.38E-11	5.03E-11	8.09E-10

789	490386.72	3860485.12	2.68E-06	2.65E-06	2.57E-06	9.28E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.62E-10	6.43E-10	0.00E+00	0.00E+00	2.98E-10	5.43E-11	3.45E-10	5.32E-11	4.98E-11	8.01E-10
790	490436.72	3860485.12	2.66E-06	2.62E-06	2.55E-06	9.19E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.56E-10	6.37E-10	0.00E+00	0.00E+00	2.96E-10	5.38E-11	3.42E-10	5.27E-11	4.93E-11	7.93E-10
791	490486.72	3860485.12	2.63E-06	2.59E-06	2.52E-06	9.09E-10	2.75E-09	1.59E-09	1.57E-09	1.42E-09	6.49E-10	6.30E-10	0.00E+00	0.00E+00	2.92E-10	5.32E-11	3.38E-10	5.21E-11	4.88E-11	7.84E-10
792	490536.72	3860485.12	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.23E-10	0.00E+00	0.00E+00	2.89E-10	5.27E-11	3.34E-10	5.15E-11	4.83E-11	7.76E-10
793	490586.72	3860485.12	2.57E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.17E-10	0.00E+00	0.00E+00	2.86E-10	5.22E-11	3.31E-10	5.10E-11	4.78E-11	7.68E-10
794	490636.72	3860485.12	2.55E-06	2.52E-06	2.45E-06	8.83E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	0.00E+00	0.00E+00	2.84E-10	5.17E-11	3.28E-10	5.06E-11	4.74E-11	7.62E-10
795	490686.72	3860485.12	2.53E-06	2.50E-06	2.42E-06	8.75E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.25E-10	6.06E-10	0.00E+00	0.00E+00	2.81E-10	5.12E-11	3.25E-10	5.01E-11	4.70E-11	7.55E-10
796	490736.72	3860485.12	2.51E-06	2.48E-06	2.40E-06	8.69E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	0.00E+00	0.00E+00	2.79E-10	5.09E-11	3.23E-10	4.98E-11	4.66E-11	7.49E-10
797	490786.72	3860485.12	2.49E-06	2.46E-06	2.39E-06	8.62E-10	2.60E-09	1.51E-09	1.49E-09	1.35E-09	6.15E-10	5.97E-10	0.00E+00	0.00E+00	2.77E-10	5.05E-11	3.20E-10	4.94E-11	4.63E-11	7.44E-10
798	490136.72	3860535.12	2.77E-06	2.73E-06	2.65E-06	9.58E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.83E-10	6.64E-10	0.00E+00	0.00E+00	3.08E-10	5.61E-11	3.56E-10	5.49E-11	5.14E-11	8.26E-10
799	490186.72	3860535.12	2.73E-06	2.70E-06	2.62E-06	9.46E-10	2.86E-09	1.65E-09	1.63E-09	1.48E-09	6.75E-10	6.56E-10	0.00E+00	0.00E+00	3.04E-10	5.54E-11	3.52E-10	5.42E-11	5.08E-11	8.16E-10
800	490236.72	3860535.12	2.69E-06	2.66E-06	2.58E-06	9.32E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.46E-10	0.00E+00	0.00E+00	3.00E-10	5.46E-11	3.46E-10	5.34E-11	5.00E-11	8.04E-10
801	490286.72	3860535.12	2.66E-06	2.62E-06	2.55E-06	9.20E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.56E-10	6.37E-10	0.00E+00	0.00E+00	2.96E-10	5.38E-11	3.42E-10	5.27E-11	4.93E-11	7.93E-10
802	490336.72	3860535.12	2.63E-06	2.59E-06	2.52E-06	9.09E-10	2.75E-09	1.59E-09	1.57E-09	1.42E-09	6.49E-10	6.30E-10	0.00E+00	0.00E+00	2.92E-10	5.32E-11	3.38E-10	5.21E-11	4.88E-11	7.84E-10
803	490386.72	3860535.12	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.24E-10	0.00E+00	0.00E+00	2.89E-10	5.27E-11	3.34E-10	5.16E-11	4.83E-11	7.77E-10
804	490436.72	3860535.12	2.58E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.18E-10	0.00E+00	0.00E+00	2.87E-10	5.22E-11	3.31E-10	5.11E-11	4.78E-11	7.69E-10
805	490486.72	3860535.12	2.55E-06	2.52E-06	2.44E-06	8.83E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	0.00E+00	0.00E+00	2.84E-10	5.17E-11	3.28E-10	5.06E-11	4.74E-11	7.61E-10
806	490536.72	3860535.12	2.53E-06	2.50E-06	2.43E-06	8.77E-10	2.65E-09	1.53E-09	1.51E-09	1.37E-09	6.26E-10	6.08E-10	0.00E+00	0.00E+00	2.82E-10	5.13E-11	3.26E-10	5.02E-11	4.70E-11	7.56E-10
807	490586.72	3860535.12	2.50E-06	2.46E-06	2.39E-06	8.64E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.16E-10	5.99E-10	0.00E+00	0.00E+00	2.78E-10	5.06E-11	3.21E-10	4.95E-11	4.64E-11	7.45E-10
808	490636.72	3860535.12	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.48E-09	1.34E-09	6.10E-10	5.93E-10	0.00E+00	0.00E+00	2.75E-10	5.01E-11	3.18E-10	4.90E-11	4.59E-11	7.38E-10
809	490686.72	3860535.12	2.45E-06	2.42E-06	2.35E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.33E-09	6.05E-10	5.87E-10	0.00E+00	0.00E+00	2.73E-10	4.96E-11	3.15E-10	4.86E-11	4.55E-11	7.31E-10
810	490736.72	3860535.12	2.43E-06	2.39E-06	2.32E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.81E-11	4.51E-11	7.24E-10
811	490786.72	3860535.12	2.41E-06	2.38E-06	2.31E-06	8.33E-10	2.52E-09	1.46E-09	1.44E-09	1.30E-09	5.95E-10	5.77E-10	0.00E+00	0.00E+00	2.68E-10	4.88E-11	3.10E-10	4.77E-11	4.47E-11	7.19E-10
812	490136.72	3860585.12	2.69E-06	2.66E-06	2.58E-06	9.32E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.46E-10	0.00E+00	0.00E+00	3.00E-10	5.46E-11	3.46E-10	5.34E-11	5.00E-11	8.04E-10
813	490186.72	3860585.12	2.64E-06	2.60E-06	2.53E-06	9.13E-10	2.76E-09	1.60E-09	1.57E-09	1.43E-09	6.51E-10	6.33E-10	0.00E+00	0.00E+00	2.94E-10	5.35E-11	3.39E-10	5.23E-11	4.90E-11	7.87E-10
814	490236.72	3860585.12	2.61E-06	2.57E-06	2.50E-06	9.02E-10	2.72E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.25E-10	0.00E+00	0.00E+00	2.90E-10	5.28E-11	3.35E-10	5.17E-11	4.84E-11	7.78E-10
815	490286.72	3860585.12	2.58E-06	2.54E-06	2.47E-06	8.92E-10	2.69E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.18E-10	0.00E+00	0.00E+00	2.87E-10	5.22E-11	3.31E-10	5.11E-11	4.79E-11	7.70E-10
816	490336.72	3860585.12	2.55E-06	2.51E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.29E-10	6.11E-10	0.00E+00	0.00E+00	2.84E-10	5.16E-11	3.28E-10	5.05E-11	4.73E-11	7.61E-10
817	490386.72	3860585.12	2.52E-06	2.49E-06	2.41E-06	8.72E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.22E-10	6.04E-10	0.00E+00	0.00E+00	2.80E-10	5.11E-11	3.24E-10	5.00E-11	4.68E-11	7.52E-10
818	490436.72	3860585.12	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.51E-09	1.49E-09	1.36E-09	6.18E-10	6.00E-10	0.00E+00	0.00E+00	2.79E-10	5.07E-11	3.22E-10	4.97E-11	4.65E-11	7.48E-10
819	490486.72	3860585.12	2.49E-06	2.45E-06	2.38E-06	8.61E-10	2.60E-09	1.50E-09	1.48E-09	1.35E-09	6.14E-10	5.96E-10	0.00E+00	0.00E+00	2.77E-10	5.04E-11	3.20E-10	4.93E-11	4.62E-11	7.42E-10
820	490536.72	3860585.12	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.98E-11	3.16E-10	4.88E-11	4.57E-11	7.34E-10
821	490586.72	3860585.12	2.42E-06	2.39E-06	2.32E-06	8.37E-10	2.53E-09	1.46E-09	1.44E-09	1.31E-09	5.97E-10	5.80E-10	0.00E+00	0.00E+00	2.69E-10	4.90E-11	3.11E-10	4.80E-11	4.49E-11	7.22E-10
822	490636.72	3860585.12	2.40E-06	2.36E-06	2.30E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	0.00E+00	0.00E+00	2.67E-10	4.86E-11	3.08E-10	4.75E-11	4.45E-11	7.15E-10
823	490686.72	3860585.12	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.44E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	0.00E+00	0.00E+00	2.64E-10	4.81E-11	3.05E-10	4.71E-11	4.41E-11	7.08E-10
824	490736.72	3860585.12	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	0.00E+00	0.00E+00	2.62E-10	4.77E-11	3.02E-10	4.66E-11	4.37E-11	7.02E-10
825	490786.72	3860585.12	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	3.00E-10	4.62E-11	4.33E-11	6.96E-10
826	490136.72	3860635.12	2.62E-06	2.59E-06	2.52E-06	9.09E-10	2.74E-09	1.59E-09	1.57E-09	1.42E-09	6.48E-10	6.30E-10	0.00E+00	0.00E+00	2.92E-10	5.32E-11	3.38E-10	5.21E-11	4.88E-11	7.84E-10
827	490186.72	3860635.12	2.58E-06	2.54E-06	2.47E-06	8.93E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.19E-10	0.00E+00	0.00E+00	2.87E-10	5.23E-11	3.32E-10	5.11E-11	4.79E-11	7.70E-10
828	490236.72	3860635.12	2.53E-06	2.50E-06	2.43E-06	8.77E-10	2.65E-09	1.53E-09	1.51E-09	1.37E-09	6.26E-10	6.08E-10	0.00E+00	0.00E+00	2.82E-10	5.14E-11	3.26E-10	5.03E-11	4.71E-11	7.57E-10
829	490286.72	3860635.12	2.50E-06	2.47E-06	2.40E-06	8.66E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.18E-10	6.00E-10	0.00E+00	0.00E+00	2.78E-10	5.07E-11	3.22E-10	4.96E-11	4.64E-11	7.47E-10
830	490336.72	3860635.12	2.47E-06	2.44E-06	2.37E-06	8.56E-10	2.58E-09	1.50E-09	1.48E-09	1.34E-09	6.11E-10	5.93E-10	0.00E+00	0.00E+00	2.75E-10	5.01E-11	3.18E-10	4.91E-11	4.59E-11	7.38E-10
831	490386.72	3860635.12	2.45E-06	2.42E-06	2.35E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.05E-10	5.87E-10	0.00E+00	0.00E+00	2.72E-10	4.96E-11	3.15E-10	4.85E-11	4.55E-11	7.31E-10
832	490436.72	3860635.12	2.42E-06	2.39E-06	2.32E-06	8.38E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.98E-10	5.81E-10	0.00E+00	0.00E+00	2.70E-10	4.91E-11	3.11E-10	4.80E-11	4.50E-11	7.23E-10
833	490486.72	3860635.12	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.75E-10	0.00E+00	0.00E+00	2.67E-10	4.86E-11	3.09E-10	4.76E-11	4.46E-11	7.16E-10
834	490536.72	3860635.12	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	0.00E+00	0.00E+00	2.65E-10	4.82E-11	3.06E-10	4.72E-11	4.42E-11	7.11E-10
835	490586.72	3860635.12	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	0.00E+00	0.00E+00	2.62E-10	4.77E-11	3.02E-10	4.66E-11	4.37E-11	7.02E-10
836	490636.72	3860635.12	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	3.00E-10	4.62E-11	4.33E-11	6.95E-10
837	490686.72	3860635.12	2.31E-06	2.28E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	0.00E+00	0.00E+00	2.57E-10	4.67E-11	2.97E-10	4.57E-11	4.28E-11	6.88E-10
838	490736.72	3860635.12	2.28E-06	2.25E-06	2.19E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.24E-11	6.81E-10
839	490786.72	3860635.12	2.26E-06	2.23E-06	2.17E-06	7.82E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.42E-10	0.00E+00	0.00E+00	2.52E-10	4.58E-11	2.91E-10	4.48E-11	4.20E-11	6.75E-10
840	490136.72	3860685.12	2.55E-06	2.52E-06	2.45E-06	8.83E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	0.00E+00	0.00E+00	2.84E-10	5.17E-11	3.28E-10	5.06E-11	4.74E-11	7.62E-10
841	490186.72	3860685.12	2.52E-06	2.49E-06	2.42E-06	8.73E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.23E-10	6.05E-10	0.00E+00	0.00E+00	2.81E-10	5.11E-11	3.24E-10	5.00E-11	4.68E-11	7.53E-10

842	490236.72	3860685.12	2.48E-06	2.44E-06	2.37E-06	8.57E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.12E-10	5.94E-10	0.00E+00	0.00E+00	2.76E-10	5.02E-11	3.19E-10	4.91E-11	4.60E-11	7.40E-10
843	490286.72	3860685.12	2.43E-06	2.40E-06	2.33E-06	8.41E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.83E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.82E-11	4.51E-11	7.25E-10
844	490336.72	3860685.12	2.41E-06	2.37E-06	2.31E-06	8.33E-10	2.51E-09	1.46E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	0.00E+00	0.00E+00	2.68E-10	4.88E-11	3.09E-10	4.77E-11	4.47E-11	7.18E-10
845	490386.72	3860685.12	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	0.00E+00	0.00E+00	2.65E-10	4.82E-11	3.06E-10	4.72E-11	4.42E-11	7.11E-10
846	490436.72	3860685.12	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	0.00E+00	0.00E+00	2.62E-10	4.77E-11	3.03E-10	4.67E-11	4.37E-11	7.02E-10
847	490486.72	3860685.12	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	2.99E-10	4.61E-11	4.32E-11	6.95E-10
848	490536.72	3860685.12	2.31E-06	2.27E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	0.00E+00	0.00E+00	2.57E-10	4.67E-11	2.96E-10	4.57E-11	4.28E-11	6.88E-10
849	490586.72	3860685.12	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.24E-11	6.82E-10
850	490636.72	3860685.12	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.20E-11	6.76E-10
851	490686.72	3860685.12	2.24E-06	2.21E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.45E-11	4.17E-11	6.70E-10
852	490736.72	3860685.12	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.33E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.40E-11	4.12E-11	6.63E-10
853	490786.72	3860685.12	2.20E-06	2.17E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.28E-10	0.00E+00	0.00E+00	2.45E-10	4.47E-11	2.83E-10	4.37E-11	4.09E-11	6.58E-10
854	490136.72	3860735.12	2.47E-06	2.44E-06	2.37E-06	8.56E-10	2.58E-09	1.50E-09	1.48E-09	1.34E-09	6.11E-10	5.93E-10	0.00E+00	0.00E+00	2.75E-10	5.01E-11	3.18E-10	4.91E-11	4.59E-11	7.38E-10
855	490186.72	3860735.12	2.43E-06	2.40E-06	2.33E-06	8.42E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.83E-10	0.00E+00	0.00E+00	2.71E-10	4.93E-11	3.13E-10	4.82E-11	4.52E-11	7.26E-10
856	490236.72	3860735.12	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	0.00E+00	0.00E+00	2.67E-10	4.86E-11	3.08E-10	4.75E-11	4.45E-11	7.16E-10
857	490286.72	3860735.12	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.68E-10	0.00E+00	0.00E+00	2.63E-10	4.80E-11	3.04E-10	4.69E-11	4.39E-11	7.07E-10
858	490336.72	3860735.12	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	0.00E+00	0.00E+00	2.60E-10	4.74E-11	3.01E-10	4.64E-11	4.34E-11	6.98E-10
859	490386.72	3860735.12	2.31E-06	2.28E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.55E-10	0.00E+00	0.00E+00	2.58E-10	4.69E-11	2.98E-10	4.59E-11	4.30E-11	6.91E-10
860	490436.72	3860735.12	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.51E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.96E-10	4.56E-11	4.27E-11	6.86E-10
861	490486.72	3860735.12	2.27E-06	2.24E-06	2.18E-06	7.86E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.60E-11	2.92E-10	4.50E-11	4.22E-11	6.78E-10
862	490536.72	3860735.12	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	0.00E+00	0.00E+00	2.49E-10	4.54E-11	2.88E-10	4.44E-11	4.16E-11	6.69E-10
863	490586.72	3860735.12	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
864	490636.72	3860735.12	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
865	490686.72	3860735.12	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
866	490736.72	3860735.12	2.16E-06	2.14E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	0.00E+00	0.00E+00	2.41E-10	4.38E-11	2.78E-10	4.29E-11	4.02E-11	6.46E-10
867	490136.72	3860785.12	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	0.00E+00	0.00E+00	2.68E-10	4.87E-11	3.09E-10	4.77E-11	4.46E-11	7.18E-10
868	490186.72	3860785.12	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.63E-10	4.80E-11	3.04E-10	4.69E-11	4.40E-11	7.07E-10
869	490236.72	3860785.12	2.33E-06	2.30E-06	2.24E-06	8.07E-10	2.44E-09	1.41E-09	1.39E-09	1.26E-09	5.76E-10	5.59E-10	0.00E+00	0.00E+00	2.60E-10	4.73E-11	3.00E-10	4.63E-11	4.33E-11	6.96E-10
870	490286.72	3860785.12	2.30E-06	2.27E-06	2.21E-06	7.97E-10	2.41E-09	1.39E-09	1.37E-09	1.25E-09	5.69E-10	5.52E-10	0.00E+00	0.00E+00	2.56E-10	4.67E-11	2.96E-10	4.57E-11	4.28E-11	6.87E-10
871	490336.72	3860785.12	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.92E-10	4.51E-11	4.22E-11	6.79E-10
872	490386.72	3860785.12	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	0.00E+00	0.00E+00	2.51E-10	4.57E-11	2.90E-10	4.47E-11	4.19E-11	6.73E-10
873	490436.72	3860785.12	2.23E-06	2.20E-06	2.14E-06	7.72E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.51E-10	5.35E-10	0.00E+00	0.00E+00	2.48E-10	4.52E-11	2.87E-10	4.42E-11	4.14E-11	6.66E-10
874	490486.72	3860785.12	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.30E-10	0.00E+00	0.00E+00	2.46E-10	4.48E-11	2.84E-10	4.39E-11	4.11E-11	6.60E-10
875	490536.72	3860785.12	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.28E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	0.00E+00	0.00E+00	2.43E-10	4.43E-11	2.81E-10	4.34E-11	4.06E-11	6.53E-10
876	490586.72	3860785.12	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.01E-11	6.44E-10
877	490636.72	3860785.12	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.23E-11	3.96E-11	6.37E-10
878	490686.72	3860785.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
879	490736.72	3860785.12	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.17E-11	3.90E-11	6.27E-10
880	490086.72	3860835.12	2.39E-06	2.36E-06	2.29E-06	8.26E-10	2.50E-09	1.44E-09	1.43E-09	1.29E-09	5.90E-10	5.73E-10	0.00E+00	0.00E+00	2.66E-10	4.84E-11	3.07E-10	4.74E-11	4.43E-11	7.13E-10
881	490136.72	3860835.12	2.35E-06	2.32E-06	2.25E-06	8.13E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.80E-10	5.63E-10	0.00E+00	0.00E+00	2.61E-10	4.76E-11	3.02E-10	4.66E-11	4.36E-11	7.01E-10
882	490186.72	3860835.12	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.89E-10
883	490236.72	3860835.12	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.92E-10	4.51E-11	4.22E-11	6.79E-10
884	490286.72	3860835.12	2.24E-06	2.22E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.45E-11	4.17E-11	6.70E-10
885	490336.72	3860835.12	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.39E-11	4.12E-11	6.62E-10
886	490386.72	3860835.12	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
887	490436.72	3860835.12	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.40E-11	2.79E-10	4.30E-11	4.03E-11	6.48E-10
888	490486.72	3860835.12	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	0.00E+00	0.00E+00	2.39E-10	4.36E-11	2.77E-10	4.26E-11	3.99E-11	6.42E-10
889	490536.72	3860835.12	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.74E-10	4.22E-11	3.95E-11	6.35E-10
890	490586.72	3860835.12	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.71E-10	4.17E-11	3.91E-11	6.28E-10
891	490636.72	3860835.12	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.17E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	0.00E+00	0.00E+00	2.32E-10	4.22E-11	2.68E-10	4.13E-11	3.86E-11	6.21E-10
892	490686.72	3860835.12	2.06E-06	2.03E-06	1.98E-06	7.14E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.18E-11	2.65E-10	4.09E-11	3.83E-11	6.16E-10
893	490736.72	3860835.12	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
894	490086.72	3860885.12	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	0.00E+00	0.00E+00	2.60E-10	4.74E-11	3.01E-10	4.64E-11	4.34E-11	6.98E-10

895	490136.72	3860885.12	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	0.00E+00	0.00E+00	2.55E-10	4.65E-11	2.95E-10	4.55E-11	4.26E-11	6.85E-10
896	490186.72	3860885.12	2.26E-06	2.23E-06	2.16E-06	7.81E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	0.00E+00	0.00E+00	2.51E-10	4.57E-11	2.90E-10	4.47E-11	4.19E-11	6.74E-10
897	490236.72	3860885.12	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.41E-11	4.13E-11	6.63E-10
898	490286.72	3860885.12	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.35E-11	4.07E-11	6.54E-10
899	490336.72	3860885.12	2.16E-06	2.13E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	0.00E+00	0.00E+00	2.41E-10	4.38E-11	2.78E-10	4.29E-11	4.02E-11	6.46E-10
900	490386.72	3860885.12	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.24E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.39E-10
901	490436.72	3860885.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
902	490486.72	3860885.12	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	0.00E+00	0.00E+00	2.33E-10	4.25E-11	2.70E-10	4.16E-11	3.89E-11	6.26E-10
903	490536.72	3860885.12	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.67E-10	4.11E-11	3.85E-11	6.19E-10
904	490586.72	3860885.12	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.13E-10
905	490636.72	3860885.12	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.02E-11	3.77E-11	6.06E-10
906	490686.72	3860885.12	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	0.00E+00	0.00E+00	2.24E-10	4.07E-11	2.58E-10	3.98E-11	3.73E-11	6.00E-10
907	490736.72	3860885.12	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.95E-11	3.69E-11	5.94E-10
908	490086.72	3860935.12	2.29E-06	2.26E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.25E-11	6.83E-10
909	490136.72	3860935.12	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	0.00E+00	0.00E+00	2.49E-10	4.54E-11	2.88E-10	4.44E-11	4.16E-11	6.69E-10
910	490186.72	3860935.12	2.20E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.29E-10	0.00E+00	0.00E+00	2.45E-10	4.47E-11	2.83E-10	4.37E-11	4.09E-11	6.58E-10
911	490236.72	3860935.12	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.36E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.40E-11	2.79E-10	4.31E-11	4.03E-11	6.48E-10
912	490286.72	3860935.12	2.14E-06	2.11E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	0.00E+00	0.00E+00	2.39E-10	4.34E-11	2.76E-10	4.25E-11	3.98E-11	6.40E-10
913	490336.72	3860935.12	2.11E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
914	490386.72	3860935.12	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.19E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.88E-11	6.24E-10
915	490436.72	3860935.12	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.96E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.18E-10
916	490486.72	3860935.12	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
917	490536.72	3860935.12	2.03E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.00E-10	4.86E-10	0.00E+00	0.00E+00	2.25E-10	4.10E-11	2.60E-10	4.02E-11	3.76E-11	6.05E-10
918	490586.72	3860935.12	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.58E-10	3.97E-11	3.72E-11	5.98E-10
919	490636.72	3860935.12	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.55E-10	3.93E-11	3.68E-11	5.91E-10
920	490686.72	3860935.12	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.89E-11	3.64E-11	5.85E-10
921	490736.72	3860935.12	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.49E-10	3.85E-11	3.60E-11	5.79E-10
922	490786.72	3860935.12	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.57E-11	5.74E-10
923	490836.72	3860935.12	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.87E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10
924	490086.72	3860985.12	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.54E-11	2.88E-10	4.45E-11	4.16E-11	6.69E-10
925	490136.72	3860985.12	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
926	490186.72	3860985.12	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.18E-10	0.00E+00	0.00E+00	2.41E-10	4.38E-11	2.78E-10	4.29E-11	4.01E-11	6.45E-10
927	490236.72	3860985.12	2.12E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.73E-10	4.21E-11	3.95E-11	6.35E-10
928	490286.72	3860985.12	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.25E-11	2.69E-10	4.15E-11	3.89E-11	6.25E-10
929	490336.72	3860985.12	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.11E-10	4.96E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.17E-10
930	490386.72	3860985.12	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.79E-11	6.10E-10
931	490436.72	3860985.12	2.02E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.22E-09	1.21E-09	1.10E-09	5.00E-10	4.85E-10	0.00E+00	0.00E+00	2.25E-10	4.10E-11	2.60E-10	4.01E-11	3.76E-11	6.04E-10
932	490486.72	3860985.12	2.00E-06	1.97E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.57E-10	3.97E-11	3.72E-11	5.97E-10
933	490536.72	3860985.12	1.98E-06	1.95E-06	1.90E-06	6.84E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.54E-10	3.92E-11	3.67E-11	5.90E-10
934	490586.72	3860985.12	1.95E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.51E-10	3.88E-11	3.63E-11	5.84E-10
935	490636.72	3860985.12	1.93E-06	1.91E-06	1.85E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.84E-11	3.59E-11	5.78E-10
936	490686.72	3860985.12	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.80E-11	3.55E-11	5.71E-10
937	490736.72	3860985.12	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.15E-09	1.13E-09	1.02E-09	4.68E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.43E-10	3.75E-11	3.52E-11	5.65E-10
938	490786.72	3860985.12	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.60E-10
939	490836.72	3860985.12	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.45E-11	5.55E-10
940	490086.72	3861035.12	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.46E-11	2.83E-10	4.36E-11	4.08E-11	6.57E-10
941	490136.72	3861035.12	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.00E-11	6.44E-10
942	490186.72	3861035.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
943	490236.72	3861035.12	2.08E-06	2.06E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.15E-10	5.00E-10	0.00E+00	0.00E+00	2.32E-10	4.22E-11	2.68E-10	4.13E-11	3.87E-11	6.22E-10
944	490286.72	3861035.12	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.07E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.12E-10
945	490336.72	3861035.12	2.02E-06	2.00E-06	1.94E-06	7.00E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	5.00E-10	4.85E-10	0.00E+00	0.00E+00	2.25E-10	4.10E-11	2.60E-10	4.01E-11	3.76E-11	6.04E-10
946	490386.72	3861035.12	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.94E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.57E-10	3.97E-11	3.72E-11	5.98E-10
947	490436.72	3861035.12	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.21E-10	4.02E-11	2.55E-10	3.93E-11	3.68E-11	5.92E-10

948	490486.72	3861035.12	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.88E-11	3.64E-11	5.85E-10
949	490536.72	3861035.12	1.94E-06	1.91E-06	1.85E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.84E-11	3.59E-11	5.78E-10
950	490586.72	3861035.12	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.72E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
951	490636.72	3861035.12	1.89E-06	1.87E-06	1.81E-06	6.54E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.65E-10
952	490686.72	3861035.12	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.48E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.40E-10	3.71E-11	3.47E-11	5.58E-10
953	490736.72	3861035.12	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.43E-11	5.52E-10
954	490786.72	3861035.12	1.83E-06	1.81E-06	1.76E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.92E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.36E-10	3.63E-11	3.40E-11	5.47E-10
955	490836.72	3861035.12	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.49E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.34E-10	3.60E-11	3.37E-11	5.42E-10
956	490086.72	3861085.12	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.18E-10	0.00E+00	0.00E+00	2.40E-10	4.38E-11	2.78E-10	4.28E-11	4.01E-11	6.45E-10
957	490136.72	3861085.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.73E-10	4.20E-11	3.94E-11	6.33E-10
958	490186.72	3861085.12	2.08E-06	2.06E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.15E-10	5.00E-10	0.00E+00	0.00E+00	2.32E-10	4.22E-11	2.68E-10	4.13E-11	3.87E-11	6.22E-10
959	490236.72	3861085.12	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
960	490286.72	3861085.12	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.74E-11	6.01E-10
961	490336.72	3861085.12	1.98E-06	1.96E-06	1.90E-06	6.87E-10	2.07E-09	1.20E-09	1.19E-09	1.07E-09	4.90E-10	4.76E-10	0.00E+00	0.00E+00	2.21E-10	4.02E-11	2.55E-10	3.94E-11	3.69E-11	5.93E-10
962	490386.72	3861085.12	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.18E-10	3.98E-11	2.52E-10	3.89E-11	3.64E-11	5.86E-10
963	490436.72	3861085.12	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.49E-10	3.85E-11	3.60E-11	5.79E-10
964	490486.72	3861085.12	1.92E-06	1.89E-06	1.84E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.60E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.47E-10	3.80E-11	3.56E-11	5.72E-10
965	490536.72	3861085.12	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.55E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
966	490586.72	3861085.12	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.59E-10
967	490636.72	3861085.12	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.43E-11	5.52E-10
968	490686.72	3861085.12	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.63E-11	3.39E-11	5.46E-10
969	490736.72	3861085.12	1.81E-06	1.79E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	0.00E+00	0.00E+00	2.01E-10	3.67E-11	2.33E-10	3.59E-11	3.36E-11	5.40E-10
970	490786.72	3861085.12	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.69E-10	4.42E-10	4.30E-10	0.00E+00	0.00E+00	1.99E-10	3.63E-11	2.30E-10	3.55E-11	3.33E-11	5.35E-10
971	490836.72	3861085.12	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.60E-10	4.38E-10	4.26E-10	0.00E+00	0.00E+00	1.97E-10	3.60E-11	2.28E-10	3.52E-11	3.30E-11	5.30E-10
972	490086.72	3861135.12	2.12E-06	2.10E-06	2.03E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.34E-10
973	490136.72	3861135.12	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.17E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	0.00E+00	0.00E+00	2.32E-10	4.22E-11	2.68E-10	4.13E-11	3.86E-11	6.21E-10
974	490186.72	3861135.12	2.04E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	0.00E+00	0.00E+00	2.28E-10	4.14E-11	2.63E-10	4.05E-11	3.80E-11	6.10E-10
975	490236.72	3861135.12	2.01E-06	1.98E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.82E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.73E-11	6.00E-10
976	490286.72	3861135.12	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.55E-10	3.93E-11	3.68E-11	5.91E-10
977	490336.72	3861135.12	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.51E-10	3.87E-11	3.62E-11	5.82E-10
978	490386.72	3861135.12	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.57E-11	5.75E-10
979	490436.72	3861135.12	1.90E-06	1.88E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	0.00E+00	0.00E+00	2.12E-10	3.85E-11	2.44E-10	3.77E-11	3.53E-11	5.68E-10
980	490486.72	3861135.12	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.61E-10
981	490536.72	3861135.12	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.45E-10	0.00E+00	0.00E+00	2.07E-10	3.76E-11	2.39E-10	3.68E-11	3.45E-11	5.55E-10
982	490586.72	3861135.12	1.83E-06	1.81E-06	1.76E-06	6.35E-10	1.92E-09	1.11E-09	1.10E-09	9.93E-10	4.53E-10	4.40E-10	0.00E+00	0.00E+00	2.04E-10	3.72E-11	2.36E-10	3.64E-11	3.41E-11	5.48E-10
983	490636.72	3861135.12	1.81E-06	1.79E-06	1.74E-06	6.27E-10	1.89E-09	1.10E-09	1.08E-09	9.80E-10	4.47E-10	4.34E-10	0.00E+00	0.00E+00	2.02E-10	3.67E-11	2.33E-10	3.59E-11	3.36E-11	5.41E-10
984	490686.72	3861135.12	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.69E-10	4.42E-10	4.30E-10	0.00E+00	0.00E+00	1.99E-10	3.63E-11	2.30E-10	3.55E-11	3.33E-11	5.35E-10
985	490736.72	3861135.12	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.51E-11	3.29E-11	5.29E-10
986	490786.72	3861135.12	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.49E-10	4.33E-10	4.21E-10	0.00E+00	0.00E+00	1.95E-10	3.56E-11	2.26E-10	3.48E-11	3.26E-11	5.24E-10
987	490836.72	3861135.12	1.74E-06	1.71E-06	1.66E-06	6.01E-10	1.81E-09	1.05E-09	1.04E-09	9.40E-10	4.29E-10	4.16E-10	0.00E+00	0.00E+00	1.93E-10	3.52E-11	2.23E-10	3.44E-11	3.22E-11	5.18E-10
988	490086.72	3861185.12	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.69E-10	4.14E-11	3.88E-11	6.24E-10
989	490136.72	3861185.12	2.04E-06	2.01E-06	1.96E-06	7.07E-10	2.13E-09	1.24E-09	1.22E-09	1.11E-09	5.04E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.79E-11	6.10E-10
990	490186.72	3861185.12	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.81E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.58E-10	3.97E-11	3.72E-11	5.98E-10
991	490236.72	3861185.12	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.91E-11	3.66E-11	5.88E-10
992	490286.72	3861185.12	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.85E-11	3.61E-11	5.80E-10
993	490336.72	3861185.12	1.91E-06	1.88E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.70E-10
994	490386.72	3861185.12	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.52E-10	0.00E+00	0.00E+00	2.10E-10	3.82E-11	2.42E-10	3.74E-11	3.50E-11	5.63E-10
995	490436.72	3861185.12	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	0.00E+00	0.00E+00	2.07E-10	3.78E-11	2.40E-10	3.70E-11	3.46E-11	5.57E-10
996	490486.72	3861185.12	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
997	490536.72	3861185.12	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.45E-10
998	490586.72	3861185.12	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.32E-10	3.57E-11	3.34E-11	5.38E-10
999	490636.72	3861185.12	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.86E-09	1.07E-09	1.06E-09	9.61E-10	4.38E-10	4.26E-10	0.00E+00	0.00E+00	1.98E-10	3.60E-11	2.28E-10	3.52E-11	3.30E-11	5.30E-10
1000	490686.72	3861185.12	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.50E-10	4.33E-10	4.21E-10	0.00E+00	0.00E+00	1.95E-10	3.56E-11	2.26E-10	3.48E-11	3.26E-11	5.24E-10

1001	490736.72	3861185.12	1.74E-06	1.71E-06	1.66E-06	6.01E-10	1.82E-09	1.05E-09	1.04E-09	9.40E-10	4.29E-10	4.17E-10	0.00E+00	0.00E+00	1.93E-10	3.52E-11	2.23E-10	3.45E-11	3.23E-11	5.19E-10
1002	490786.72	3861185.12	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.31E-10	4.25E-10	4.12E-10	0.00E+00	0.00E+00	1.91E-10	3.49E-11	2.21E-10	3.41E-11	3.19E-11	5.14E-10
1003	490836.72	3861185.12	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.21E-10	4.20E-10	4.08E-10	0.00E+00	0.00E+00	1.89E-10	3.45E-11	2.19E-10	3.38E-11	3.16E-11	5.08E-10
1004	490086.72	3861235.12	2.06E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.64E-10	4.08E-11	3.82E-11	6.14E-10
1005	490136.72	3861235.12	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	0.00E+00	0.00E+00	2.24E-10	4.07E-11	2.58E-10	3.98E-11	3.73E-11	6.00E-10
1006	490186.72	3861235.12	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.91E-11	3.66E-11	5.88E-10
1007	490236.72	3861235.12	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.78E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.83E-11	3.59E-11	5.77E-10
1008	490386.72	3861235.12	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.66E-11	3.43E-11	5.52E-10
1009	490436.72	3861235.12	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.50E-10	4.37E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.34E-10	3.62E-11	3.39E-11	5.44E-10
1010	490486.72	3861235.12	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.32E-10	3.57E-11	3.34E-11	5.38E-10
1011	490536.72	3861235.12	1.79E-06	1.76E-06	1.71E-06	6.19E-10	1.87E-09	1.08E-09	1.07E-09	9.67E-10	4.41E-10	4.29E-10	0.00E+00	0.00E+00	1.99E-10	3.62E-11	2.30E-10	3.54E-11	3.32E-11	5.34E-10
1012	490586.72	3861235.12	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.25E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.51E-11	3.29E-11	5.29E-10
1013	490636.72	3861235.12	1.74E-06	1.72E-06	1.67E-06	6.02E-10	1.82E-09	1.05E-09	1.04E-09	9.42E-10	4.30E-10	4.17E-10	0.00E+00	0.00E+00	1.94E-10	3.53E-11	2.24E-10	3.45E-11	3.23E-11	5.20E-10
1014	490686.72	3861235.12	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.31E-10	4.25E-10	4.13E-10	0.00E+00	0.00E+00	1.91E-10	3.49E-11	2.21E-10	3.41E-11	3.19E-11	5.14E-10
1015	490736.72	3861235.12	1.70E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.22E-10	4.21E-10	4.09E-10	0.00E+00	0.00E+00	1.90E-10	3.45E-11	2.19E-10	3.38E-11	3.16E-11	5.09E-10
1016	490786.72	3861235.12	1.69E-06	1.67E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.17E-10	4.05E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.35E-11	3.13E-11	5.04E-10
1017	490836.72	3861235.12	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.75E-09	1.01E-09	9.97E-10	9.04E-10	4.12E-10	4.00E-10	0.00E+00	0.00E+00	1.86E-10	3.38E-11	2.15E-10	3.31E-11	3.10E-11	4.99E-10
1018	490086.72	3861285.12	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.02E-11	3.77E-11	6.06E-10
1019	490136.72	3861285.12	1.99E-06	1.96E-06	1.90E-06	6.87E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.76E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.55E-10	3.94E-11	3.69E-11	5.93E-10
1020	490186.72	3861285.12	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.50E-10	3.85E-11	3.61E-11	5.80E-10
1021	490236.72	3861285.12	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.68E-10
1022	490386.72	3861285.12	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.48E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.34E-10	3.60E-11	3.37E-11	5.42E-10
1023	490436.72	3861285.12	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.87E-09	1.09E-09	1.07E-09	9.71E-10	4.43E-10	4.30E-10	0.00E+00	0.00E+00	2.00E-10	3.63E-11	2.31E-10	3.56E-11	3.33E-11	5.35E-10
1024	490486.72	3861285.12	1.77E-06	1.75E-06	1.70E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.24E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.51E-11	3.29E-11	5.28E-10
1025	490536.72	3861285.12	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.46E-10	4.32E-10	4.19E-10	0.00E+00	0.00E+00	1.95E-10	3.54E-11	2.25E-10	3.47E-11	3.25E-11	5.22E-10
1026	490586.72	3861285.12	1.73E-06	1.71E-06	1.66E-06	5.99E-10	1.81E-09	1.05E-09	1.03E-09	9.36E-10	4.27E-10	4.15E-10	0.00E+00	0.00E+00	1.93E-10	3.51E-11	2.22E-10	3.43E-11	3.21E-11	5.17E-10
1027	490636.72	3861285.12	1.71E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.23E-10	4.21E-10	4.09E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.19E-10	3.38E-11	3.17E-11	5.09E-10
1028	490686.72	3861285.12	1.69E-06	1.66E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.34E-11	3.13E-11	5.03E-10
1029	490736.72	3861285.12	1.67E-06	1.65E-06	1.60E-06	5.79E-10	1.75E-09	1.01E-09	9.99E-10	9.05E-10	4.13E-10	4.01E-10	0.00E+00	0.00E+00	1.86E-10	3.39E-11	2.15E-10	3.32E-11	3.11E-11	4.99E-10
1030	490786.72	3861285.12	1.65E-06	1.63E-06	1.59E-06	5.73E-10	1.73E-09	1.00E-09	9.88E-10	8.96E-10	4.09E-10	3.97E-10	0.00E+00	0.00E+00	1.84E-10	3.35E-11	2.13E-10	3.28E-11	3.07E-11	4.94E-10
1031	490836.72	3861285.12	1.63E-06	1.61E-06	1.57E-06	5.66E-10	1.71E-09	9.89E-10	9.76E-10	8.85E-10	4.04E-10	3.92E-10	0.00E+00	0.00E+00	1.82E-10	3.31E-11	2.10E-10	3.24E-11	3.04E-11	4.88E-10
1032	490061.24	3859716.13	6.76E-06	6.67E-06	6.48E-06	2.34E-09	7.07E-09	4.09E-09	4.04E-09	3.66E-09	1.67E-09	1.62E-09	0.00E+00	0.00E+00	7.53E-10	1.37E-10	8.70E-10	1.34E-10	1.26E-10	2.02E-09
1033	490111.24	3859716.13	6.64E-06	6.55E-06	6.37E-06	2.30E-09	6.94E-09	4.02E-09	3.97E-09	3.60E-09	1.64E-09	1.59E-09	0.00E+00	0.00E+00	7.39E-10	1.35E-10	8.54E-10	1.32E-10	1.23E-10	1.98E-09
1034	490161.24	3859716.13	6.52E-06	6.43E-06	6.25E-06	2.26E-09	6.81E-09	3.94E-09	3.89E-09	3.53E-09	1.61E-09	1.56E-09	0.00E+00	0.00E+00	7.26E-10	1.32E-10	8.38E-10	1.29E-10	1.21E-10	1.95E-09
1035	490211.24	3859716.13	6.39E-06	6.31E-06	6.13E-06	2.21E-09	6.68E-09	3.87E-09	3.82E-09	3.46E-09	1.58E-09	1.53E-09	0.00E+00	0.00E+00	7.11E-10	1.30E-10	8.22E-10	1.27E-10	1.19E-10	1.91E-09
1036	490061.24	3859766.13	6.20E-06	6.12E-06	5.94E-06	2.14E-09	6.48E-09	3.75E-09	3.70E-09	3.35E-09	1.53E-09	1.49E-09	0.00E+00	0.00E+00	6.90E-10	1.26E-10	7.97E-10	1.23E-10	1.15E-10	1.85E-09
1037	490111.24	3859766.13	6.10E-06	6.02E-06	5.85E-06	2.11E-09	6.38E-09	3.69E-09	3.64E-09	3.30E-09	1.51E-09	1.46E-09	0.00E+00	0.00E+00	6.79E-10	1.24E-10	7.85E-10	1.21E-10	1.13E-10	1.82E-09
1038	490161.24	3859766.13	6.00E-06	5.92E-06	5.75E-06	2.08E-09	6.27E-09	3.63E-09	3.58E-09	3.25E-09	1.48E-09	1.44E-09	0.00E+00	0.00E+00	6.68E-10	1.22E-10	7.72E-10	1.19E-10	1.11E-10	1.79E-09
1039	490211.24	3859766.13	5.90E-06	5.83E-06	5.66E-06	2.04E-09	6.17E-09	3.57E-09	3.52E-09	3.20E-09	1.46E-09	1.42E-09	0.00E+00	0.00E+00	6.57E-10	1.20E-10	7.59E-10	1.17E-10	1.10E-10	1.76E-09
1040	490061.24	3859816.13	5.70E-06	5.62E-06	5.46E-06	1.97E-09	5.96E-09	3.45E-09	3.40E-09	3.09E-09	1.41E-09	1.37E-09	0.00E+00	0.00E+00	6.34E-10	1.16E-10	7.33E-10	1.13E-10	1.06E-10	1.70E-09
1041	490111.24	3859816.13	5.62E-06	5.55E-06	5.39E-06	1.95E-09	5.88E-09	3.40E-09	3.36E-09	3.04E-09	1.39E-09	1.35E-09	0.00E+00	0.00E+00	6.26E-10	1.14E-10	7.23E-10	1.11E-10	1.04E-10	1.68E-09
1042	490161.24	3859816.13	5.54E-06	5.47E-06	5.31E-06	1.92E-09	5.80E-09	3.36E-09	3.31E-09	3.00E-09	1.37E-09	1.33E-09	0.00E+00	0.00E+00	6.17E-10	1.12E-10	7.13E-10	1.10E-10	1.03E-10	1.66E-09
1043	490211.24	3859816.13	5.47E-06	5.39E-06	5.24E-06	1.89E-09	5.71E-09	3.31E-09	3.26E-09	2.96E-09	1.35E-09	1.31E-09	0.00E+00	0.00E+00	6.08E-10	1.11E-10	7.03E-10	1.08E-10	1.02E-10	1.63E-09
1044	490061.24	3859866.13	5.27E-06	5.20E-06	5.05E-06	1.82E-09	5.51E-09	3.19E-09	3.15E-09	2.85E-09	1.30E-09	1.26E-09	0.00E+00	0.00E+00	5.87E-10	1.07E-10	6.78E-10	1.05E-10	9.79E-11	1.57E-09
1045	490111.24	3859866.13	5.21E-06	5.14E-06	4.99E-06	1.80E-09	5.44E-09	3.15E-09	3.11E-09	2.82E-09	1.29E-09	1.25E-09	0.00E+00	0.00E+00	5.80E-10	1.06E-10	6.70E-10	1.03E-10	9.67E-11	1.56E-09
1046	490161.24	3859866.13	5.15E-06	5.08E-06	4.94E-06	1.78E-09	5.38E-09	3.12E-09	3.08E-09	2.79E-09	1.27E-09	1.24E-09	0.00E+00	0.00E+00	5.73E-10	1.04E-10	6.62E-10	1.02E-10	9.56E-11	1.54E-09
1047	490211.24	3859866.13	5.09E-06	5.02E-06	4.88E-06	1.76E-09	5.32E-09	3.08E-09	3.04E-09	2.75E-09	1.26E-09	1.22E-09	0.00E+00	0.00E+00	5.66E-10	1.03E-10	6.54E-10	1.01E-10	9.45E-11	1.52E-09
1048	490061.24	3859916.13	4.90E-06	4.83E-06	4.69E-06	1.70E-09	5.12E-09	2.96E-09	2.92E-09	2.65E-09	1.21E-09	1.17E-09	0.00E+00	0.00E+00	5.45E-10	9.93E-11	6.30E-10	9.72E-11	9.10E-11	1.46E-09
1049	490111.24	3859916.13	4.85E-06	4.79E-06	4.65E-06	1.68E-09	5.07E-09	2.93E-09	2.90E-09	2.63E-09	1.20E-09	1.16E-09	0.00E+00	0.00E+00	5.40E-10	9.83E-11	6.24E-10	9.62E-11	9.01E-11	1.45E-09
1050	490161.24	3859916.13	4.80E-06	4.74E-06	4.60E-06	1.66E-09	5.02E-09	2.90E-09	2.87E-09	2.60E-09	1.19E-09	1.15E-09	0.00E+00	0.00E+00	5.34E-10	9.73E-11	6.17E-10	9.52E-11	8.91E-11	1.43E-09
1051	490211.24	3859916.13	4.75E-06	4.68E-06	4.55E-06	1.64E-09	4.96E-09	2.87E-09	2.83E-09	2.57E-09	1.17E-09	1.14E-09	0.00E+00	0.00E+00	5.28E-10	9.62E-11	6.10E-10	9.41E-11	8.81E-11	1.42E-09
1052	490229.25	3859815.26	5.45E-06	5.38E-06	5.22E-06	1.89E-09	5.70E-09	3.30E-09	3.25E-09	2.95E-09	1.35E-09	1.31E-09	0.00E+00	0.00E+00	6.07E-10	1.10E-10	7.01E-10	1.08E-10	1.01E-10	1.63E-09
1053	490279.25	3859815.26	5.37E-06	5.30E-06	5.14E-06	1.86E-09	5.61E-09	3.25E-09	3.20E-09	2.90E-09	1.33E-09	1.29E-09	0.00E+00	0.00E+00	5.97E-10	1.09E-10	6.90E-10	1.06E-10	9.96E-11	1.60E-09

1054	490329.25	3859815.26	5.28E-06	5.21E-06	5.06E-06	1.83E-09	5.52E-09	3.20E-09	3.15E-09	2.86E-09	1.30E-09	1.27E-09	0.00E+00	0.00E+00	5.88E-10	1.07E-10	6.79E-10	1.05E-10	9.81E-11	1.58E-09
1055	490379.25	3859815.26	5.22E-06	5.15E-06	5.00E-06	1.81E-09	5.45E-09	3.16E-09	3.12E-09	2.82E-09	1.29E-09	1.25E-09	0.00E+00	0.00E+00	5.81E-10	1.06E-10	6.71E-10	1.04E-10	9.69E-11	1.56E-09
1056	490429.25	3859815.26	5.17E-06	5.11E-06	4.96E-06	1.79E-09	5.41E-09	3.13E-09	3.09E-09	2.80E-09	1.28E-09	1.24E-09	0.00E+00	0.00E+00	5.76E-10	1.05E-10	6.65E-10	1.03E-10	9.61E-11	1.54E-09
1057	490229.25	3859865.26	5.07E-06	5.00E-06	4.86E-06	1.76E-09	5.30E-09	3.07E-09	3.03E-09	2.75E-09	1.25E-09	1.22E-09	0.00E+00	0.00E+00	5.64E-10	1.03E-10	6.52E-10	1.01E-10	9.42E-11	1.51E-09
1058	490279.25	3859865.26	5.00E-06	4.94E-06	4.79E-06	1.73E-09	5.23E-09	3.03E-09	2.99E-09	2.71E-09	1.24E-09	1.20E-09	0.00E+00	0.00E+00	5.57E-10	1.01E-10	6.43E-10	9.92E-11	9.29E-11	1.49E-09
1059	490329.25	3859865.26	4.93E-06	4.87E-06	4.73E-06	1.71E-09	5.15E-09	2.98E-09	2.94E-09	2.67E-09	1.22E-09	1.18E-09	0.00E+00	0.00E+00	5.49E-10	1.00E-10	6.34E-10	9.78E-11	9.16E-11	1.47E-09
1060	490379.25	3859865.26	4.87E-06	4.80E-06	4.67E-06	1.68E-09	5.09E-09	2.95E-09	2.91E-09	2.63E-09	1.20E-09	1.17E-09	0.00E+00	0.00E+00	5.42E-10	9.87E-11	6.26E-10	9.65E-11	9.04E-11	1.45E-09
1061	490429.25	3859865.26	4.81E-06	4.75E-06	4.61E-06	1.67E-09	5.03E-09	2.91E-09	2.87E-09	2.60E-09	1.19E-09	1.15E-09	0.00E+00	0.00E+00	5.36E-10	9.75E-11	6.19E-10	9.54E-11	8.94E-11	1.44E-09
1062	490229.25	3859915.26	4.73E-06	4.67E-06	4.54E-06	1.64E-09	4.95E-09	2.86E-09	2.83E-09	2.56E-09	1.17E-09	1.14E-09	0.00E+00	0.00E+00	5.27E-10	9.59E-11	6.09E-10	9.39E-11	8.79E-11	1.41E-09
1063	490279.25	3859915.26	4.67E-06	4.61E-06	4.48E-06	1.62E-09	4.88E-09	2.83E-09	2.79E-09	2.53E-09	1.15E-09	1.12E-09	0.00E+00	0.00E+00	5.20E-10	9.47E-11	6.01E-10	9.27E-11	8.68E-11	1.40E-09
1064	490329.25	3859915.26	4.62E-06	4.56E-06	4.42E-06	1.60E-09	4.82E-09	2.79E-09	2.76E-09	2.50E-09	1.14E-09	1.11E-09	0.00E+00	0.00E+00	5.14E-10	9.36E-11	5.94E-10	9.15E-11	8.57E-11	1.38E-09
1065	490379.25	3859915.26	4.56E-06	4.50E-06	4.37E-06	1.58E-09	4.77E-09	2.76E-09	2.72E-09	2.47E-09	1.13E-09	1.09E-09	0.00E+00	0.00E+00	5.08E-10	9.24E-11	5.86E-10	9.04E-11	8.47E-11	1.36E-09
1066	490429.25	3859915.26	4.50E-06	4.44E-06	4.32E-06	1.56E-09	4.71E-09	2.72E-09	2.69E-09	2.44E-09	1.11E-09	1.08E-09	0.00E+00	0.00E+00	5.01E-10	9.13E-11	5.79E-10	8.93E-11	8.36E-11	1.34E-09
1067	490451.43	3859872.59	4.74E-06	4.68E-06	4.54E-06	1.64E-09	4.95E-09	2.87E-09	2.83E-09	2.56E-09	1.17E-09	1.14E-09	0.00E+00	0.00E+00	5.27E-10	9.60E-11	6.09E-10	9.40E-11	8.80E-11	1.41E-09
1068	490501.43	3859872.59	4.70E-06	4.64E-06	4.51E-06	1.63E-09	4.91E-09	2.84E-09	2.81E-09	2.55E-09	1.16E-09	1.13E-09	0.00E+00	0.00E+00	5.23E-10	9.53E-11	6.05E-10	9.33E-11	8.73E-11	1.40E-09
1069	490551.43	3859872.59	4.69E-06	4.62E-06	4.49E-06	1.62E-09	4.90E-09	2.84E-09	2.80E-09	2.54E-09	1.16E-09	1.12E-09	0.00E+00	0.00E+00	5.22E-10	9.50E-11	6.03E-10	9.29E-11	8.70E-11	1.40E-09
1070	490601.43	3859872.59	4.68E-06	4.61E-06	4.48E-06	1.62E-09	4.89E-09	2.83E-09	2.79E-09	2.53E-09	1.15E-09	1.12E-09	0.00E+00	0.00E+00	5.20E-10	9.48E-11	6.01E-10	9.27E-11	8.68E-11	1.40E-09
1071	490451.43	3859922.59	4.44E-06	4.38E-06	4.25E-06	1.54E-09	4.64E-09	2.69E-09	2.65E-09	2.40E-09	1.10E-09	1.06E-09	0.00E+00	0.00E+00	4.94E-10	9.00E-11	5.71E-10	8.80E-11	8.24E-11	1.33E-09
1072	490501.43	3859922.59	4.40E-06	4.34E-06	4.21E-06	1.52E-09	4.60E-09	2.66E-09	2.63E-09	2.38E-09	1.09E-09	1.05E-09	0.00E+00	0.00E+00	4.89E-10	8.91E-11	5.65E-10	8.72E-11	8.17E-11	1.31E-09
1073	490551.43	3859922.59	4.37E-06	4.32E-06	4.19E-06	1.51E-09	4.57E-09	2.65E-09	2.61E-09	2.37E-09	1.08E-09	1.05E-09	0.00E+00	0.00E+00	4.87E-10	8.86E-11	5.62E-10	8.67E-11	8.12E-11	1.31E-09
1074	490601.43	3859922.59	4.36E-06	4.30E-06	4.18E-06	1.51E-09	4.56E-09	2.64E-09	2.60E-09	2.36E-09	1.08E-09	1.05E-09	0.00E+00	0.00E+00	4.85E-10	8.84E-11	5.61E-10	8.65E-11	8.10E-11	1.30E-09
1075	482129.67	3852241.07	1.68E-07	1.66E-07	1.61E-07	5.83E-11	1.76E-10	1.02E-10	1.01E-10	9.12E-11	4.16E-11	4.04E-11	0.00E+00	0.00E+00	1.87E-11	3.41E-12	2.17E-11	3.34E-12	3.13E-12	5.03E-11
1076	482029.67	3852291.07	1.65E-07	1.63E-07	1.59E-07	5.73E-11	1.73E-10	1.00E-10	9.88E-11	8.95E-11	4.09E-11	3.97E-11	0.00E+00	0.00E+00	1.84E-11	3.35E-12	2.13E-11	3.28E-12	3.07E-12	4.94E-11
1077	482079.67	3852291.07	1.67E-07	1.65E-07	1.60E-07	5.78E-11	1.75E-10	1.01E-10	9.98E-11	9.05E-11	4.13E-11	4.01E-11	0.00E+00	0.00E+00	1.86E-11	3.39E-12	2.15E-11	3.31E-12	3.10E-12	4.99E-11
1078	482129.67	3852291.07	1.69E-07	1.66E-07	1.62E-07	5.84E-11	1.76E-10	1.02E-10	1.01E-10	9.13E-11	4.17E-11	4.05E-11	0.00E+00	0.00E+00	1.88E-11	3.42E-12	2.17E-11	3.35E-12	3.13E-12	5.04E-11
1079	482179.67	3852291.07	1.70E-07	1.68E-07	1.63E-07	5.88E-11	1.78E-10	1.03E-10	1.01E-10	9.20E-11	4.20E-11	4.08E-11	0.00E+00	0.00E+00	1.89E-11	3.44E-12	2.19E-11	3.37E-12	3.16E-12	5.08E-11
1080	482229.67	3852291.07	1.71E-07	1.69E-07	1.64E-07	5.91E-11	1.79E-10	1.03E-10	1.02E-10	9.25E-11	4.22E-11	4.10E-11	0.00E+00	0.00E+00	1.90E-11	3.46E-12	2.20E-11	3.39E-12	3.17E-12	5.10E-11
1081	482029.67	3852341.07	1.66E-07	1.64E-07	1.59E-07	5.74E-11	1.73E-10	1.00E-10	9.91E-11	8.98E-11	4.10E-11	3.98E-11	0.00E+00	0.00E+00	1.85E-11	3.36E-12	2.13E-11	3.29E-12	3.08E-12	4.95E-11
1082	482079.67	3852341.07	1.67E-07	1.65E-07	1.61E-07	5.80E-11	1.75E-10	1.01E-10	1.00E-10	9.07E-11	4.14E-11	4.02E-11	0.00E+00	0.00E+00	1.86E-11	3.39E-12	2.15E-11	3.32E-12	3.11E-12	5.00E-11
1083	482129.67	3852341.07	1.69E-07	1.67E-07	1.62E-07	5.86E-11	1.77E-10	1.02E-10	1.01E-10	9.16E-11	4.18E-11	4.06E-11	0.00E+00	0.00E+00	1.88E-11	3.43E-12	2.18E-11	3.36E-12	3.14E-12	5.05E-11
1084	482179.67	3852341.07	1.71E-07	1.68E-07	1.64E-07	5.91E-11	1.78E-10	1.03E-10	1.02E-10	9.24E-11	4.21E-11	4.09E-11	0.00E+00	0.00E+00	1.90E-11	3.46E-12	2.19E-11	3.38E-12	3.17E-12	5.09E-11
1085	482259.06	3852400.14	1.75E-07	1.73E-07	1.68E-07	6.06E-11	1.83E-10	1.06E-10	1.05E-10	9.48E-11	4.32E-11	4.20E-11	0.00E+00	0.00E+00	1.95E-11	3.55E-12	2.25E-11	3.47E-12	3.25E-12	5.23E-11
1086	482309.06	3852400.14	1.75E-07	1.73E-07	1.68E-07	6.07E-11	1.83E-10	1.06E-10	1.05E-10	9.50E-11	4.33E-11	4.21E-11	0.00E+00	0.00E+00	1.95E-11	3.56E-12	2.26E-11	3.48E-12	3.26E-12	5.24E-11
1087	482209.06	3852450.14	1.74E-07	1.71E-07	1.67E-07	6.01E-11	1.82E-10	1.05E-10	1.04E-10	9.40E-11	4.29E-11	4.17E-11	0.00E+00	0.00E+00	1.93E-11	3.52E-12	2.23E-11	3.45E-12	3.23E-12	5.19E-11
1088	482259.06	3852450.14	1.75E-07	1.73E-07	1.68E-07	6.06E-11	1.83E-10	1.06E-10	1.05E-10	9.48E-11	4.33E-11	4.20E-11	0.00E+00	0.00E+00	1.95E-11	3.55E-12	2.25E-11	3.47E-12	3.25E-12	5.23E-11
1089	482309.06	3852450.14	1.76E-07	1.74E-07	1.69E-07	6.09E-11	1.84E-10	1.07E-10	1.05E-10	9.53E-11	4.35E-11	4.22E-11	0.00E+00	0.00E+00	1.96E-11	3.57E-12	2.26E-11	3.49E-12	3.27E-12	5.26E-11
1090	482209.06	3852500.14	1.74E-07	1.72E-07	1.67E-07	6.02E-11	1.82E-10	1.05E-10	1.04E-10	9.41E-11	4.29E-11	4.17E-11	0.00E+00	0.00E+00	1.94E-11	3.52E-12	2.24E-11	3.45E-12	3.23E-12	5.19E-11
1091	482259.06	3852500.14	1.75E-07	1.73E-07	1.68E-07	6.07E-11	1.83E-10	1.06E-10	1.05E-10	9.50E-11	4.33E-11	4.21E-11	0.00E+00	0.00E+00	1.95E-11	3.56E-12	2.26E-11	3.48E-12	3.26E-12	5.24E-11
1092	482309.06	3852500.14	1.77E-07	1.74E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	0.00E+00	0.00E+00	1.97E-11	3.58E-12	2.27E-11	3.51E-12	3.28E-12	5.28E-11
1093	482283.91	3852513.62	1.76E-07	1.74E-07	1.69E-07	6.10E-11	1.84E-10	1.07E-10	1.05E-10	9.54E-11	4.35E-11	4.23E-11	0.00E+00	0.00E+00	1.96E-11	3.57E-12	2.27E-11	3.49E-12	3.27E-12	5.26E-11
1094	482333.91	3852513.62	1.78E-07	1.75E-07	1.70E-07	6.15E-11	1.86E-10	1.07E-10	1.06E-10	9.62E-11	4.39E-11	4.26E-11	0.00E+00	0.00E+00	1.98E-11	3.60E-12	2.28E-11	3.52E-12	3.30E-12	5.30E-11
1095	482283.91	3852563.62	1.77E-07	1.75E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	0.00E+00	0.00E+00	1.97E-11	3.58E-12	2.27E-11	3.51E-12	3.28E-12	5.28E-11
1096	482333.91	3852563.62	1.79E-07	1.76E-07	1.71E-07	6.19E-11	1.87E-10	1.08E-10	1.07E-10	9.67E-11	4.41E-11	4.29E-11	0.00E+00	0.00E+00	1.99E-11	3.62E-12	2.30E-11	3.54E-12	3.32E-12	5.34E-11
1097	482383.91	3852563.62	1.80E-07	1.78E-07	1.73E-07	6.24E-11	1.89E-10	1.09E-10	1.08E-10	9.76E-11	4.46E-11	4.33E-11	0.00E+00	0.00E+00	2.01E-11	3.66E-12	2.32E-11	3.58E-12	3.35E-12	5.39E-11
1098	482283.91	3852613.62	1.77E-07	1.75E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	0.00E+00	0.00E+00	1.97E-11	3.58E-12	2.27E-11	3.51E-12	3.28E-12	5.28E-11
1099	482333.91	3852613.62	1.79E-07	1.77E-07	1.71E-07	6.19E-11	1.87E-10	1.08E-10	1.07E-10	9.69E-11	4.42E-11	4.29E-11	0.00E+00	0.00E+00	1.99E-11	3.63E-12	2.30E-11	3.55E-12	3.32E-12	5.34E-11
1100	482383.91	3852613.62	1.81E-07	1.79E-07	1.73E-07	6.27E-11	1.89E-10	1.10E-10	1.08E-10	9.80E-11	4.47E-11	4.34E-11	0.00E+00	0.00E+00	2.01E-11	3.67E-12	2.33E-11	3.59E-12	3.36E-12	5.41E-11
1101	482602.38	3852600.87	1.87E-07	1.84E-07	1.79E-07	6.47E-11	1.95E-10	1.13E-10	1.12E-10	1.01E-10	4.62E-11	4.48E-11	0.00E+00	0.00E+00	2.08E-11	3.79E-12	2.40E-11	3.71E-12	3.47E-12	5.58E-11
1102	482652.38	3852600.87	1.89E-07	1.86E-07	1.81E-07	6.53E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.52E-11	0.00E+00	0.00E+00	2.10E-11	3.82E-12	2.43E-11	3.74E-12	3.50E-12	5.63E-11
1103	482702.38	3852600.87	1.89E-07	1.86E-07	1.81E-07	6.53E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.52E-11	0.00E+00	0.00E+00	2.10E-11	3.82E-12	2.43E-11	3.74E-12	3.50E-12	5.63E-11
1104	482552.38	3852650.87	1.86E-07	1.84E-07	1.78E-07	6.45E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.60E-11	4.47E-11	0.00E+00	0.00E+00	2.07E-11	3.77E-12	2.40E-11	3.69E-12	3.46E-12	5.56E-11
1105	482602.38	3852650.87	1.88E-07	1.85E-07	1.80E-07	6.50E-11	1.96E-10	1.14E-10	1.12E-10	1.02E-10	4.64E-11	4.50E-11	0.00E+00	0.00E+00	2.09E-11	3.81E-12	2.42E-11	3.72E-12	3.49E-12	5.61E-11
1106	482652.38	3852650.87	1.90E-07	1.87E-07	1.82E-07	6.57E-11	1.98E-10	1.15E-10	1.13E-10	1.03E-10	4.69E-11	4.55E-11	0.00E+00	0.00E+00	2.11E-11	3.85E-12	2.44E-11	3.76E-12	3.52E-12	5.67E-11

1107	482702.38	3852650.87	1.92E-07	1.89E-07	1.84E-07	6.63E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	0.00E+00	0.00E+00	2.13E-11	3.88E-12	2.46E-11	3.80E-12	3.56E-12	5.72E-11
1108	482552.38	3852700.87	1.87E-07	1.84E-07	1.79E-07	6.46E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.61E-11	4.48E-11	0.00E+00	0.00E+00	2.08E-11	3.78E-12	2.40E-11	3.70E-12	3.47E-12	5.57E-11
1109	482602.38	3852700.87	1.89E-07	1.86E-07	1.81E-07	6.54E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.53E-11	0.00E+00	0.00E+00	2.10E-11	3.83E-12	2.43E-11	3.75E-12	3.51E-12	5.64E-11
1110	482652.38	3852700.87	1.92E-07	1.89E-07	1.84E-07	6.63E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	0.00E+00	0.00E+00	2.13E-11	3.88E-12	2.46E-11	3.80E-12	3.56E-12	5.72E-11
1111	482702.38	3852700.87	1.93E-07	1.91E-07	1.85E-07	6.69E-11	2.02E-10	1.17E-10	1.15E-10	1.05E-10	4.77E-11	4.64E-11	0.00E+00	0.00E+00	2.15E-11	3.92E-12	2.49E-11	3.83E-12	3.59E-12	5.77E-11
1112	482452.38	3852750.87	1.84E-07	1.81E-07	1.76E-07	6.36E-11	1.92E-10	1.11E-10	1.10E-10	9.95E-11	4.54E-11	4.41E-11	0.00E+00	0.00E+00	2.05E-11	3.72E-12	2.36E-11	3.64E-12	3.41E-12	5.49E-11
1113	482521.29	3852749.74	1.86E-07	1.84E-07	1.78E-07	6.45E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.60E-11	4.47E-11	0.00E+00	0.00E+00	2.07E-11	3.77E-12	2.40E-11	3.69E-12	3.46E-12	5.56E-11
1114	482571.29	3852749.74	1.88E-07	1.86E-07	1.80E-07	6.51E-11	1.97E-10	1.14E-10	1.12E-10	1.02E-10	4.65E-11	4.51E-11	0.00E+00	0.00E+00	2.09E-11	3.81E-12	2.42E-11	3.73E-12	3.49E-12	5.62E-11
1115	482521.29	3852799.74	1.87E-07	1.84E-07	1.79E-07	6.47E-11	1.95E-10	1.13E-10	1.12E-10	1.01E-10	4.62E-11	4.48E-11	0.00E+00	0.00E+00	2.08E-11	3.79E-12	2.40E-11	3.71E-12	3.47E-12	5.58E-11
1116	482571.29	3852799.74	1.89E-07	1.86E-07	1.81E-07	6.54E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.53E-11	0.00E+00	0.00E+00	2.10E-11	3.83E-12	2.43E-11	3.75E-12	3.51E-12	5.64E-11
1117	482621.29	3852799.74	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.58E-11	0.00E+00	0.00E+00	2.12E-11	3.87E-12	2.45E-11	3.78E-12	3.54E-12	5.70E-11
1118	482571.29	3852849.74	1.89E-07	1.87E-07	1.81E-07	6.55E-11	1.98E-10	1.14E-10	1.13E-10	1.02E-10	4.67E-11	4.54E-11	0.00E+00	0.00E+00	2.10E-11	3.83E-12	2.43E-11	3.75E-12	3.51E-12	5.65E-11
1119	482621.29	3852849.74	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.58E-11	0.00E+00	0.00E+00	2.12E-11	3.87E-12	2.45E-11	3.78E-12	3.54E-12	5.70E-11
1120	482577.42	3852901.55	1.89E-07	1.87E-07	1.81E-07	6.55E-11	1.98E-10	1.14E-10	1.13E-10	1.02E-10	4.67E-11	4.54E-11	0.00E+00	0.00E+00	2.11E-11	3.84E-12	2.43E-11	3.75E-12	3.51E-12	5.65E-11
1121	482627.42	3852901.55	1.91E-07	1.88E-07	1.83E-07	6.61E-11	2.00E-10	1.16E-10	1.14E-10	1.03E-10	4.72E-11	4.58E-11	0.00E+00	0.00E+00	2.13E-11	3.87E-12	2.46E-11	3.79E-12	3.55E-12	5.70E-11
1122	482629.96	3852955.85	1.91E-07	1.89E-07	1.83E-07	6.62E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	0.00E+00	0.00E+00	2.13E-11	3.88E-12	2.46E-11	3.79E-12	3.55E-12	5.71E-11
1123	482679.96	3852955.85	1.93E-07	1.91E-07	1.85E-07	6.69E-11	2.02E-10	1.17E-10	1.15E-10	1.05E-10	4.77E-11	4.63E-11	0.00E+00	0.00E+00	2.15E-11	3.91E-12	2.48E-11	3.83E-12	3.59E-12	5.77E-11
1124	482781.63	3853034.48	1.97E-07	1.94E-07	1.89E-07	6.82E-11	2.06E-10	1.19E-10	1.18E-10	1.07E-10	4.87E-11	4.73E-11	0.00E+00	0.00E+00	2.19E-11	3.99E-12	2.53E-11	3.91E-12	3.66E-12	5.88E-11
1125	482831.63	3853034.48	1.99E-07	1.96E-07	1.91E-07	6.88E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.91E-11	4.77E-11	0.00E+00	0.00E+00	2.21E-11	4.03E-12	2.56E-11	3.94E-12	3.69E-12	5.94E-11
1126	482881.63	3853034.48	2.01E-07	1.98E-07	1.93E-07	6.96E-11	2.10E-10	1.22E-10	1.20E-10	1.09E-10	4.96E-11	4.82E-11	0.00E+00	0.00E+00	2.24E-11	4.07E-12	2.58E-11	3.99E-12	3.73E-12	6.00E-11
1127	482781.63	3853084.48	1.97E-07	1.95E-07	1.89E-07	6.83E-11	2.06E-10	1.19E-10	1.18E-10	1.07E-10	4.88E-11	4.74E-11	0.00E+00	0.00E+00	2.20E-11	4.00E-12	2.54E-11	3.92E-12	3.67E-12	5.90E-11
1128	482831.63	3853084.48	1.99E-07	1.97E-07	1.91E-07	6.89E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	0.00E+00	0.00E+00	2.22E-11	4.04E-12	2.56E-11	3.95E-12	3.70E-12	5.95E-11
1129	482881.63	3853084.48	2.01E-07	1.99E-07	1.93E-07	6.96E-11	2.10E-10	1.22E-10	1.20E-10	1.09E-10	4.97E-11	4.83E-11	0.00E+00	0.00E+00	2.24E-11	4.08E-12	2.59E-11	3.99E-12	3.74E-12	6.01E-11
1130	482781.63	3853134.48	1.98E-07	1.95E-07	1.90E-07	6.86E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.75E-11	0.00E+00	0.00E+00	2.20E-11	4.01E-12	2.55E-11	3.93E-12	3.68E-12	5.91E-11
1131	482831.63	3853134.48	2.00E-07	1.97E-07	1.91E-07	6.91E-11	2.09E-10	1.21E-10	1.19E-10	1.08E-10	4.93E-11	4.79E-11	0.00E+00	0.00E+00	2.22E-11	4.05E-12	2.57E-11	3.96E-12	3.71E-12	5.97E-11
1132	482881.63	3853134.48	2.02E-07	1.99E-07	1.94E-07	6.99E-11	2.11E-10	1.22E-10	1.21E-10	1.09E-10	4.99E-11	4.84E-11	0.00E+00	0.00E+00	2.25E-11	4.09E-12	2.60E-11	4.01E-12	3.75E-12	6.03E-11
1133	482831.63	3853184.48	2.01E-07	1.98E-07	1.92E-07	6.94E-11	2.10E-10	1.21E-10	1.20E-10	1.09E-10	4.95E-11	4.81E-11	0.00E+00	0.00E+00	2.23E-11	4.06E-12	2.58E-11	3.98E-12	3.72E-12	5.99E-11
1134	482881.63	3853184.48	2.03E-07	2.00E-07	1.94E-07	7.01E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.00E-11	4.86E-11	0.00E+00	0.00E+00	2.26E-11	4.11E-12	2.61E-11	4.02E-12	3.76E-12	6.05E-11
1135	484154.84	3854250.98	2.38E-07	2.35E-07	2.28E-07	8.24E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	0.00E+00	0.00E+00	2.65E-11	4.83E-12	3.06E-11	4.72E-12	4.42E-12	7.11E-11
1136	484204.84	3854250.98	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	0.00E+00	0.00E+00	2.67E-11	4.86E-12	3.09E-11	4.76E-12	4.46E-12	7.17E-11
1137	484154.84	3854300.98	2.33E-07	2.30E-07	2.24E-07	8.07E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.59E-11	0.00E+00	0.00E+00	2.60E-11	4.73E-12	3.00E-11	4.63E-12	4.33E-12	6.96E-11
1138	484204.84	3854300.98	2.36E-07	2.33E-07	2.26E-07	8.17E-11	2.47E-10	1.43E-10	1.41E-10	1.28E-10	5.83E-11	5.66E-11	0.00E+00	0.00E+00	2.63E-11	4.78E-12	3.04E-11	4.68E-12	4.38E-12	7.05E-11
1139	484074.19	3854519.8	2.30E-07	2.27E-07	2.21E-07	7.98E-11	2.41E-10	1.39E-10	1.38E-10	1.25E-10	5.69E-11	5.53E-11	0.00E+00	0.00E+00	2.57E-11	4.67E-12	2.96E-11	4.57E-12	4.28E-12	6.88E-11
1140	484124.19	3854519.8	2.29E-07	2.26E-07	2.19E-07	7.91E-11	2.39E-10	1.38E-10	1.36E-10	1.24E-10	5.64E-11	5.48E-11	0.00E+00	0.00E+00	2.54E-11	4.63E-12	2.94E-11	4.53E-12	4.24E-12	6.82E-11
1141	484074.19	3854569.8	2.32E-07	2.29E-07	2.23E-07	8.04E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.74E-11	5.57E-11	0.00E+00	0.00E+00	2.59E-11	4.71E-12	2.99E-11	4.61E-12	4.31E-12	6.94E-11
1142	484124.19	3854569.8	2.29E-07	2.26E-07	2.19E-07	7.91E-11	2.39E-10	1.38E-10	1.37E-10	1.24E-10	5.65E-11	5.48E-11	0.00E+00	0.00E+00	2.55E-11	4.63E-12	2.94E-11	4.54E-12	4.25E-12	6.83E-11
1143	485205.11	3855188.89	3.55E-07	3.51E-07	3.40E-07	1.23E-10	3.71E-10	2.15E-10	2.12E-10	1.92E-10	8.78E-11	8.52E-11	0.00E+00	0.00E+00	3.95E-11	7.20E-12	4.57E-11	7.05E-12	6.60E-12	1.06E-10
1144	485255.11	3855188.89	3.55E-07	3.51E-07	3.40E-07	1.23E-10	3.71E-10	2.15E-10	2.12E-10	1.92E-10	8.78E-11	8.52E-11	0.00E+00	0.00E+00	3.95E-11	7.20E-12	4.57E-11	7.05E-12	6.60E-12	1.06E-10
1145	485205.11	3855238.89	3.54E-07	3.50E-07	3.40E-07	1.23E-10	3.71E-10	2.14E-10	2.12E-10	1.92E-10	8.76E-11	8.50E-11	0.00E+00	0.00E+00	3.95E-11	7.19E-12	4.56E-11	7.03E-12	6.58E-12	1.06E-10
1146	485255.11	3855238.89	3.59E-07	3.55E-07	3.44E-07	1.24E-10	3.76E-10	2.17E-10	2.15E-10	1.95E-10	8.88E-11	8.62E-11	0.00E+00	0.00E+00	4.00E-11	7.28E-12	4.62E-11	7.13E-12	6.67E-12	1.07E-10
1147	485205.11	3855288.89	3.68E-07	3.63E-07	3.52E-07	1.27E-10	3.84E-10	2.23E-10	2.20E-10	1.99E-10	9.08E-11	8.82E-11	0.00E+00	0.00E+00	4.09E-11	7.45E-12	4.73E-11	7.29E-12	6.83E-12	1.10E-10
1148	485255.11	3855288.89	3.70E-07	3.65E-07	3.55E-07	1.28E-10	3.87E-10	2.24E-10	2.21E-10	2.00E-10	9.15E-11	8.88E-11	0.00E+00	0.00E+00	4.12E-11	7.50E-12	4.76E-11	7.34E-12	6.88E-12	1.11E-10
1149	485255.11	3855338.89	3.81E-07	3.76E-07	3.65E-07	1.32E-10	3.98E-10	2.31E-10	2.28E-10	2.06E-10	9.41E-11	9.14E-11	0.00E+00	0.00E+00	4.24E-11	7.72E-12	4.90E-11	7.56E-12	7.08E-12	1.14E-10
1150	485305.11	3855338.89	3.83E-07	3.78E-07	3.67E-07	1.33E-10	4.00E-10	2.32E-10	2.29E-10	2.07E-10	9.46E-11	9.19E-11	0.00E+00	0.00E+00	4.26E-11	7.76E-12	4.93E-11	7.60E-12	7.11E-12	1.14E-10
1151	485852.5	3855635.28	4.86E-07	4.80E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	0.00E+00	0.00E+00	5.41E-11	9.85E-12	6.25E-11	9.64E-12	9.03E-12	1.45E-10
1152	485902.5	3855635.28	4.84E-07	4.78E-07	4.64E-07	1.68E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	0.00E+00	0.00E+00	5.39E-11	9.82E-12	6.23E-11	9.61E-12	9.00E-12	1.45E-10
1153	485852.5	3855685.28	4.94E-07	4.88E-07	4.73E-07	1.71E-10	5.16E-10	2.99E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	0.00E+00	0.00E+00	5.50E-11	1.00E-11	6.35E-11	9.80E-12	9.17E-12	1.48E-10
1154	485902.5	3855685.28	4.94E-07	4.88E-07	4.74E-07	1.71E-10	5.17E-10	2.99E-10	2.95E-10	2.68E-10	1.22E-10	1.19E-10	0.00E+00	0.00E+00	5.50E-11	1.00E-11	6.36E-11	9.81E-12	9.18E-12	1.48E-10
1155	485852.5	3855735.28	5.00E-07	4.94E-07	4.79E-07	1.73E-10	5.23E-10	3.03E-10	2.99E-10	2.71E-10	1.24E-10	1.20E-10	0.00E+00	0.00E+00	5.57E-11	1.01E-11	6.43E-11	9.92E-12	9.29E-12	1.49E-10
1156	485902.5	3855735.28	5.05E-07	4.99E-07	4.84E-07	1.75E-10	5.28E-10	3.06E-10	3.02E-10	2.73E-10	1.25E-10	1.21E-10	0.00E+00	0.00E+00	5.62E-11	1.02E-11	6.50E-11	1.00E-11	9.38E-12	1.51E-10
1157	485852.5	3855785.28	5.08E-07	5.02E-07	4.87E-07	1.76E-10	5.31E-10	3.08E-10	3.04E-10	2.75E-10	1.26E-10	1.22E-10	0.00E+00	0.00E+00	5.66E-11	1.03E-11	6.54E-11	1.01E-11	9.44E-12	1.52E-10
1158	485902.5	3855785.28	5.10E-07	5.03E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	0.00E+00	0.00E+00	5.68E-11	1.03E-11	6.56E-11	1.01E-11	9.47E-12	1.52E-10
1159	486809.46	3856465.28	7.75E-07	7.65E-07	7.43E-07	2.68E-10	8.10E-10	4.69E-10	4.63E-10	4.20E-10	1.91E-10	1.86E-10	0.00E+00	0.00E+00	8.63E-11	1.57E-11	9.97E-11	1.54E-11	1.44E-11	2.31E-10

1160	486859.46	3856465.28	7.81E-07	7.71E-07	7.48E-07	2.70E-10	8.16E-10	4.72E-10	4.66E-10	4.23E-10	1.93E-10	1.87E-10	0.00E+00	0.00E+00	8.69E-11	1.58E-11	1.00E-10	1.55E-11	1.45E-11	2.33E-10
1161	486909.46	3856465.28	7.82E-07	7.72E-07	7.49E-07	2.71E-10	8.17E-10	4.73E-10	4.67E-10	4.23E-10	1.93E-10	1.88E-10	0.00E+00	0.00E+00	8.70E-11	1.58E-11	1.01E-10	1.55E-11	1.45E-11	2.33E-10
1162	486809.46	3856515.28	7.99E-07	7.89E-07	7.66E-07	2.77E-10	8.35E-10	4.84E-10	4.77E-10	4.33E-10	1.97E-10	1.92E-10	0.00E+00	0.00E+00	8.90E-11	1.62E-11	1.03E-10	1.59E-11	1.48E-11	2.39E-10
1163	486859.46	3856515.28	8.11E-07	8.00E-07	7.77E-07	2.81E-10	8.48E-10	4.91E-10	4.84E-10	4.39E-10	2.00E-10	1.94E-10	0.00E+00	0.00E+00	9.03E-11	1.64E-11	1.04E-10	1.61E-11	1.51E-11	2.42E-10
1164	486909.46	3856515.28	8.16E-07	8.06E-07	7.82E-07	2.83E-10	8.53E-10	4.94E-10	4.87E-10	4.42E-10	2.02E-10	1.96E-10	0.00E+00	0.00E+00	9.09E-11	1.65E-11	1.05E-10	1.62E-11	1.52E-11	2.44E-10
1165	486980.94	3856357.95	7.15E-07	7.06E-07	6.85E-07	2.47E-10	7.47E-10	4.33E-10	4.27E-10	3.87E-10	1.77E-10	1.71E-10	0.00E+00	0.00E+00	7.96E-11	1.45E-11	9.20E-11	1.42E-11	1.33E-11	2.13E-10
1166	487030.94	3856357.95	7.16E-07	7.07E-07	6.86E-07	2.48E-10	7.49E-10	4.33E-10	4.28E-10	3.88E-10	1.77E-10	1.72E-10	0.00E+00	0.00E+00	7.97E-11	1.45E-11	9.21E-11	1.42E-11	1.33E-11	2.14E-10
1167	486980.94	3856407.95	7.47E-07	7.37E-07	7.16E-07	2.58E-10	7.80E-10	4.52E-10	4.46E-10	4.04E-10	1.84E-10	1.79E-10	0.00E+00	0.00E+00	8.31E-11	1.51E-11	9.60E-11	1.48E-11	1.39E-11	2.23E-10
1168	487030.94	3856407.95	7.46E-07	7.36E-07	7.15E-07	2.58E-10	7.80E-10	4.51E-10	4.45E-10	4.04E-10	1.84E-10	1.79E-10	0.00E+00	0.00E+00	8.30E-11	1.51E-11	9.59E-11	1.48E-11	1.39E-11	2.23E-10
1169	487447.18	3856437.45	8.10E-07	7.99E-07	7.76E-07	2.80E-10	8.47E-10	4.90E-10	4.84E-10	4.38E-10	2.00E-10	1.94E-10	0.00E+00	0.00E+00	9.02E-11	1.64E-11	1.04E-10	1.61E-11	1.50E-11	2.42E-10
1170	487497.18	3856437.45	8.18E-07	8.08E-07	7.84E-07	2.83E-10	8.55E-10	4.95E-10	4.89E-10	4.43E-10	2.02E-10	1.96E-10	0.00E+00	0.00E+00	9.11E-11	1.66E-11	1.05E-10	1.62E-11	1.52E-11	2.44E-10
1171	487547.18	3856437.45	8.28E-07	8.17E-07	7.93E-07	2.87E-10	8.65E-10	5.01E-10	4.94E-10	4.48E-10	2.04E-10	1.99E-10	0.00E+00	0.00E+00	9.21E-11	1.68E-11	1.06E-10	1.64E-11	1.54E-11	2.47E-10
1172	487447.18	3856487.45	8.39E-07	8.29E-07	8.05E-07	2.91E-10	8.77E-10	5.08E-10	5.01E-10	4.54E-10	2.07E-10	2.01E-10	0.00E+00	0.00E+00	9.34E-11	1.70E-11	1.08E-10	1.67E-11	1.56E-11	2.51E-10
1173	487497.18	3856487.45	8.48E-07	8.37E-07	8.13E-07	2.93E-10	8.86E-10	5.13E-10	5.06E-10	4.59E-10	2.09E-10	2.03E-10	0.00E+00	0.00E+00	9.44E-11	1.72E-11	1.09E-10	1.68E-11	1.57E-11	2.53E-10
1174	487547.18	3856487.45	8.58E-07	8.46E-07	8.22E-07	2.97E-10	8.96E-10	5.19E-10	5.12E-10	4.64E-10	2.12E-10	2.06E-10	0.00E+00	0.00E+00	9.55E-11	1.74E-11	1.10E-10	1.70E-11	1.59E-11	2.56E-10
1175	487447.18	3856537.45	8.70E-07	8.59E-07	8.34E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	0.00E+00	0.00E+00	9.69E-11	1.76E-11	1.12E-10	1.73E-11	1.62E-11	2.60E-10
1176	487497.18	3856537.45	8.79E-07	8.67E-07	8.42E-07	3.04E-10	9.18E-10	5.32E-10	5.25E-10	4.76E-10	2.17E-10	2.11E-10	0.00E+00	0.00E+00	9.78E-11	1.78E-11	1.13E-10	1.74E-11	1.63E-11	2.62E-10
1177	487547.18	3856537.45	8.90E-07	8.78E-07	8.53E-07	3.08E-10	9.30E-10	5.38E-10	5.31E-10	4.82E-10	2.20E-10	2.13E-10	0.00E+00	0.00E+00	9.90E-11	1.80E-11	1.14E-10	1.76E-11	1.65E-11	2.66E-10
1178	489285.89	3858826.54	1.12E-04	1.10E-04	1.07E-04	3.87E-08	1.17E-07	6.76E-08	6.67E-08	6.05E-08	2.76E-08	2.68E-08	0.00E+00	0.00E+00	1.24E-08	2.26E-09	1.44E-08	2.22E-09	2.07E-09	3.34E-08
1179	489335.89	3858826.54	8.42E-05	8.31E-05	8.07E-05	2.91E-08	8.80E-08	5.09E-08	5.03E-08	4.56E-08	2.08E-08	2.02E-08	0.00E+00	0.00E+00	9.37E-09	1.71E-09	1.08E-08	1.67E-09	1.56E-09	2.51E-08
1180	489385.89	3858826.54	6.79E-05	6.71E-05	6.51E-05	2.35E-08	7.10E-08	4.11E-08	4.06E-08	3.68E-08	1.68E-08	1.63E-08	0.00E+00	0.00E+00	7.56E-09	1.38E-09	8.74E-09	1.35E-09	1.26E-09	2.03E-08
1181	489435.89	3858826.54	5.72E-05	5.64E-05	5.48E-05	1.98E-08	5.98E-08	3.46E-08	3.41E-08	3.10E-08	1.41E-08	1.37E-08	0.00E+00	0.00E+00	6.37E-09	1.16E-09	7.35E-09	1.13E-09	1.06E-09	1.71E-08
1182	489485.89	3858826.54	4.95E-05	4.89E-05	4.75E-05	1.71E-08	5.18E-08	3.00E-08	2.96E-08	2.68E-08	1.22E-08	1.19E-08	0.00E+00	0.00E+00	5.51E-09	1.00E-09	6.37E-09	9.82E-10	9.20E-10	1.48E-08
1183	489535.89	3858826.54	4.38E-05	4.32E-05	4.20E-05	1.52E-08	4.58E-08	2.65E-08	2.62E-08	2.37E-08	1.08E-08	1.05E-08	0.00E+00	0.00E+00	4.87E-09	8.88E-10	5.63E-09	8.69E-10	8.13E-10	1.31E-08
1184	489585.89	3858826.54	3.94E-05	3.89E-05	3.77E-05	1.36E-08	4.12E-08	2.38E-08	2.35E-08	2.13E-08	9.73E-09	9.44E-09	0.00E+00	0.00E+00	4.38E-09	7.98E-10	5.06E-09	7.81E-10	7.31E-10	1.18E-08
1185	489635.89	3858826.54	3.59E-05	3.54E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.14E-08	1.94E-08	8.86E-09	8.60E-09	0.00E+00	0.00E+00	3.99E-09	7.27E-10	4.61E-09	7.11E-10	6.66E-10	1.07E-08
1186	489685.89	3858826.54	3.30E-05	3.26E-05	3.16E-05	1.14E-08	3.45E-08	2.00E-08	1.97E-08	1.79E-08	8.15E-09	7.92E-09	0.00E+00	0.00E+00	3.67E-09	6.69E-10	4.25E-09	6.55E-10	6.13E-10	9.86E-09
1187	489735.89	3858826.54	3.06E-05	3.02E-05	2.94E-05	1.06E-08	3.20E-08	1.85E-08	1.83E-08	1.66E-08	7.57E-09	7.35E-09	0.00E+00	0.00E+00	3.41E-09	6.21E-10	3.94E-09	6.08E-10	5.69E-10	9.15E-09
1188	489785.89	3858826.54	2.87E-05	2.83E-05	2.75E-05	9.92E-09	3.00E-08	1.73E-08	1.71E-08	1.55E-08	7.08E-09	6.88E-09	0.00E+00	0.00E+00	3.19E-09	5.81E-10	3.69E-09	5.69E-10	5.32E-10	8.56E-09
1189	489835.89	3858826.54	2.70E-05	2.66E-05	2.58E-05	9.33E-09	2.82E-08	1.63E-08	1.61E-08	1.46E-08	6.66E-09	6.47E-09	0.00E+00	0.00E+00	3.00E-09	5.47E-10	3.47E-09	5.35E-10	5.01E-10	8.05E-09
1190	489885.89	3858826.54	2.55E-05	2.52E-05	2.45E-05	8.83E-09	2.67E-08	1.54E-08	1.52E-08	1.38E-08	6.30E-09	6.12E-09	0.00E+00	0.00E+00	2.84E-09	5.17E-10	3.28E-09	5.06E-10	4.74E-10	7.62E-09
1191	489935.89	3858826.54	2.43E-05	2.39E-05	2.33E-05	8.40E-09	2.54E-08	1.47E-08	1.45E-08	1.31E-08	5.99E-09	5.82E-09	0.00E+00	0.00E+00	2.70E-09	4.92E-10	3.12E-09	4.81E-10	4.51E-10	7.24E-09
1192	489985.89	3858826.54	2.32E-05	2.29E-05	2.22E-05	8.02E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.72E-09	5.56E-09	0.00E+00	0.00E+00	2.58E-09	4.70E-10	2.98E-09	4.59E-10	4.30E-10	6.92E-09
1193	490035.89	3858826.54	2.22E-05	2.19E-05	2.13E-05	7.69E-09	2.32E-08	1.34E-08	1.33E-08	1.20E-08	5.49E-09	5.33E-09	0.00E+00	0.00E+00	2.47E-09	4.50E-10	2.86E-09	4.41E-10	4.13E-10	6.64E-09
1194	489285.89	3858876.54	1.21E-04	1.20E-04	1.16E-04	4.20E-08	1.27E-07	7.33E-08	7.24E-08	6.56E-08	2.99E-08	2.91E-08	0.00E+00	0.00E+00	1.35E-08	2.46E-09	1.56E-08	2.40E-09	2.25E-09	3.62E-08
1195	489335.89	3858876.54	8.72E-05	8.60E-05	8.35E-05	3.02E-08	9.11E-08	5.27E-08	5.20E-08	4.72E-08	2.15E-08	2.09E-08	0.00E+00	0.00E+00	9.70E-09	1.77E-09	1.12E-08	1.73E-09	1.62E-09	2.60E-08
1196	489385.89	3858876.54	6.81E-05	6.72E-05	6.53E-05	2.36E-08	7.12E-08	4.12E-08	4.07E-08	3.69E-08	1.68E-08	1.63E-08	0.00E+00	0.00E+00	7.58E-09	1.38E-09	8.76E-09	1.35E-09	1.26E-09	2.03E-08
1197	489435.89	3858876.54	5.62E-05	5.54E-05	5.38E-05	1.94E-08	5.87E-08	3.40E-08	3.35E-08	3.04E-08	1.39E-08	1.35E-08	0.00E+00	0.00E+00	6.25E-09	1.14E-09	7.22E-09	1.11E-09	1.04E-09	1.68E-08
1198	489485.89	3858876.54	4.81E-05	4.75E-05	4.61E-05	1.66E-08	5.03E-08	2.91E-08	2.87E-08	2.60E-08	1.19E-08	1.15E-08	0.00E+00	0.00E+00	5.35E-09	9.75E-10	6.18E-09	9.54E-10	8.93E-10	1.44E-08
1199	489535.89	3858876.54	4.22E-05	4.17E-05	4.05E-05	1.46E-08	4.42E-08	2.56E-08	2.52E-08	2.29E-08	1.04E-08	1.01E-08	0.00E+00	0.00E+00	4.70E-09	8.56E-10	5.43E-09	8.38E-10	7.85E-10	1.26E-08
1200	489585.89	3858876.54	3.78E-05	3.73E-05	3.62E-05	1.31E-08	3.95E-08	2.29E-08	2.26E-08	2.05E-08	9.34E-09	9.07E-09	0.00E+00	0.00E+00	4.21E-09	7.67E-10	4.86E-09	7.50E-10	7.02E-10	1.13E-08
1201	489635.89	3858876.54	3.44E-05	3.39E-05	3.29E-05	1.19E-08	3.59E-08	2.08E-08	2.05E-08	1.86E-08	8.49E-09	8.25E-09	0.00E+00	0.00E+00	3.83E-09	6.97E-10	4.42E-09	6.82E-10	6.39E-10	1.03E-08
1202	489685.89	3858876.54	3.16E-05	3.12E-05	3.03E-05	1.09E-08	3.30E-08	1.91E-08	1.89E-08	1.71E-08	7.80E-09	7.58E-09	0.00E+00	0.00E+00	3.52E-09	6.40E-10	4.06E-09	6.27E-10	5.87E-10	9.44E-09
1203	489735.89	3858876.54	2.93E-05	2.89E-05	2.81E-05	1.01E-08	3.06E-08	1.77E-08	1.75E-08	1.59E-08	7.24E-09	7.03E-09	0.00E+00	0.00E+00	3.26E-09	5.94E-10	3.77E-09	5.81E-10	5.44E-10	8.75E-09
1204	489785.89	3858876.54	2.74E-05	2.70E-05	2.62E-05	9.48E-09	2.86E-08	1.66E-08	1.63E-08	1.48E-08	6.76E-09	6.57E-09	0.00E+00	0.00E+00	3.05E-09	5.55E-10	3.52E-09	5.43E-10	5.08E-10	8.17E-09
1205	489835.89	3858876.54	2.57E-05	2.54E-05	2.47E-05	8.91E-09	2.69E-08	1.56E-08	1.54E-08	1.39E-08	6.36E-09	6.17E-09	0.00E+00	0.00E+00	2.86E-09	5.22E-10	3.31E-09	5.10E-10	4.78E-10	7.69E-09
1206	489885.89	3858876.54	2.43E-05	2.40E-05	2.33E-05	8.43E-09	2.54E-08	1.47E-08	1.45E-08	1.32E-08	6.01E-09	5.84E-09	0.00E+00	0.00E+00	2.71E-09	4.93E-10	3.13E-09	4.83E-10	4.52E-10	7.27E-09
1207	489935.89	3858876.54	2.31E-05	2.28E-05	2.22E-05	8.00E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.71E-09	5.55E-09	0.00E+00	0.00E+00	2.57E-09	4.69E-10	2.97E-09	4.59E-10	4.29E-10	6.90E-09
1208	489985.89	3858876.54	2.21E-05	2.18E-05	2.12E-05	7.64E-09	2.31E-08	1.34E-08	1.32E-08	1.19E-08	5.45E-09	5.29E-09	0.00E+00	0.00E+00	2.46E-09	4.47E-10	2.84E-09	4.38E-10	4.10E-10	6.59E-09
1209	490035.89	3858876.54	2.12E-05	2.09E-05	2.03E-05	7.33E-09	2.21E-08	1.28E-08	1.26E-08	1.15E-08	5.23E-09	5.08E-09	0.00E+00	0.00E+00	2.36E-09	4.29E-10	2.72E-09	4.20E-10	3.93E-10	6.32E-09
1210	489285.89	3858926.54	1.10E-04	1.09E-04	1.06E-04	3.82E-08	1.15E-07	6.67E-08	6.59E-08	5.97E-08	2.72E-08	2.65E-08	0.00E+00	0.00E+00	1.23E-08	2.24E-09	1.42E-08	2.19E-09	2.05E-09	3.29E-08
1211	489335.89	3858926.54	7.89E-05	7.78E-05	7.56E-05	2.73E-08	8.24E-08	4.77E-08	4.71E-08	4.27E-08	1.95E-08	1.89E-08	0.00E+00	0.00E+00	8.78E-09	1.60E-09	1.01E-08	1.56E-09	1.46E-09	2.35E-08
1212	489385.89	3858926.54	6.20E-05	6.12E-05	5.94E-05	2.15E-08	6.48E-08	3.75E-08	3.70E-08	3.36E-08	1.53E-08	1.49E-08	0.00E+00	0.00E+00	6.90E-09	1.26E-09	7.98E-09	1.23E-09	1.15E-09	1.85E-08

1213	489435.89	3858926.54	5.16E-05	5.10E-05	4.95E-05	1.79E-08	5.40E-08	3.12E-08	3.08E-08	2.80E-08	1.28E-08	1.24E-08	0.00E+00	0.00E+00	5.75E-09	1.05E-09	6.64E-09	1.02E-09	9.59E-10	1.54E-08
1214	489485.89	3858926.54	4.46E-05	4.40E-05	4.27E-05	1.54E-08	4.66E-08	2.70E-08	2.66E-08	2.41E-08	1.10E-08	1.07E-08	0.00E+00	0.00E+00	4.96E-09	9.03E-10	5.73E-09	8.84E-10	8.28E-10	1.33E-08
1215	489535.89	3858926.54	3.94E-05	3.89E-05	3.78E-05	1.36E-08	4.12E-08	2.38E-08	2.35E-08	2.13E-08	9.73E-09	9.45E-09	0.00E+00	0.00E+00	4.39E-09	7.99E-10	5.07E-09	7.81E-10	7.32E-10	1.18E-08
1216	489585.89	3858926.54	3.55E-05	3.50E-05	3.40E-05	1.23E-08	3.71E-08	2.15E-08	2.12E-08	1.92E-08	8.76E-09	8.51E-09	0.00E+00	0.00E+00	3.95E-09	7.19E-10	4.56E-09	7.03E-10	6.59E-10	1.06E-08
1217	489635.89	3858926.54	3.23E-05	3.19E-05	3.10E-05	1.12E-08	3.38E-08	1.96E-08	1.93E-08	1.75E-08	7.99E-09	7.76E-09	0.00E+00	0.00E+00	3.60E-09	6.56E-10	4.16E-09	6.42E-10	6.01E-10	9.66E-09
1218	489685.89	3858926.54	2.98E-05	2.94E-05	2.86E-05	1.03E-08	3.12E-08	1.80E-08	1.78E-08	1.61E-08	7.36E-09	7.15E-09	0.00E+00	0.00E+00	3.32E-09	6.04E-10	3.83E-09	5.91E-10	5.54E-10	8.90E-09
1219	489735.89	3858926.54	2.77E-05	2.74E-05	2.66E-05	9.59E-09	2.90E-08	1.68E-08	1.66E-08	1.50E-08	6.85E-09	6.65E-09	0.00E+00	0.00E+00	3.09E-09	5.62E-10	3.56E-09	5.50E-10	5.15E-10	8.28E-09
1220	489785.89	3858926.54	2.60E-05	2.56E-05	2.49E-05	8.98E-09	2.71E-08	1.57E-08	1.55E-08	1.41E-08	6.41E-09	6.23E-09	0.00E+00	0.00E+00	2.89E-09	5.26E-10	3.34E-09	5.15E-10	4.82E-10	7.75E-09
1221	489835.89	3858926.54	2.44E-05	2.41E-05	2.34E-05	8.46E-09	2.55E-08	1.48E-08	1.46E-08	1.32E-08	6.04E-09	5.86E-09	0.00E+00	0.00E+00	2.72E-09	4.95E-10	3.14E-09	4.85E-10	4.54E-10	7.30E-09
1222	489885.89	3858926.54	2.31E-05	2.28E-05	2.22E-05	8.01E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.72E-09	5.55E-09	0.00E+00	0.00E+00	2.58E-09	4.69E-10	2.98E-09	4.59E-10	4.30E-10	6.91E-09
1223	489935.89	3858926.54	2.20E-05	2.17E-05	2.11E-05	7.62E-09	2.30E-08	1.33E-08	1.31E-08	1.19E-08	5.44E-09	5.28E-09	0.00E+00	0.00E+00	2.45E-09	4.46E-10	2.83E-09	4.37E-10	4.09E-10	6.57E-09
1224	489985.89	3858926.54	2.10E-05	2.07E-05	2.01E-05	7.27E-09	2.20E-08	1.27E-08	1.25E-08	1.14E-08	5.19E-09	5.04E-09	0.00E+00	0.00E+00	2.34E-09	4.26E-10	2.70E-09	4.17E-10	3.90E-10	6.27E-09
1225	490035.89	3858926.54	2.02E-05	1.99E-05	1.93E-05	6.98E-09	2.11E-08	1.22E-08	1.20E-08	1.09E-08	4.98E-09	4.83E-09	0.00E+00	0.00E+00	2.24E-09	4.08E-10	2.59E-09	4.00E-10	3.74E-10	6.02E-09
1226	489335.89	3858976.54	6.54E-05	6.45E-05	6.27E-05	2.26E-08	6.83E-08	3.96E-08	3.90E-08	3.54E-08	1.61E-08	1.57E-08	0.00E+00	0.00E+00	7.28E-09	1.33E-09	8.41E-09	1.30E-09	1.21E-09	1.95E-08
1227	489385.89	3858976.54	5.36E-05	5.29E-05	5.14E-05	1.86E-08	5.60E-08	3.24E-08	3.20E-08	2.90E-08	1.32E-08	1.29E-08	0.00E+00	0.00E+00	5.97E-09	1.09E-09	6.89E-09	1.06E-09	9.96E-10	1.60E-08
1228	489435.89	3858976.54	4.59E-05	4.53E-05	4.40E-05	1.59E-08	4.79E-08	2.77E-08	2.74E-08	2.48E-08	1.13E-08	1.10E-08	0.00E+00	0.00E+00	5.11E-09	9.30E-10	5.90E-09	9.10E-10	8.52E-10	1.37E-08
1229	489485.89	3858976.54	4.03E-05	3.98E-05	3.86E-05	1.39E-08	4.21E-08	2.44E-08	2.41E-08	2.18E-08	9.95E-09	9.67E-09	0.00E+00	0.00E+00	4.49E-09	8.17E-10	5.18E-09	7.99E-10	7.48E-10	1.20E-08
1230	489535.89	3858976.54	3.61E-05	3.56E-05	3.46E-05	1.25E-08	3.77E-08	2.18E-08	2.15E-08	1.95E-08	8.91E-09	8.65E-09	0.00E+00	0.00E+00	4.02E-09	7.31E-10	4.64E-09	7.16E-10	6.70E-10	1.08E-08
1231	489585.89	3858976.54	3.28E-05	3.24E-05	3.14E-05	1.14E-08	3.43E-08	1.98E-08	1.96E-08	1.78E-08	8.10E-09	7.87E-09	0.00E+00	0.00E+00	3.65E-09	6.65E-10	4.22E-09	6.50E-10	6.09E-10	9.79E-09
1232	489635.89	3858976.54	3.01E-05	2.97E-05	2.89E-05	1.04E-08	3.15E-08	1.82E-08	1.80E-08	1.63E-08	7.44E-09	7.23E-09	0.00E+00	0.00E+00	3.35E-09	6.11E-10	3.87E-09	5.98E-10	5.60E-10	9.00E-09
1233	489685.89	3858976.54	2.79E-05	2.76E-05	2.68E-05	9.66E-09	2.92E-08	1.69E-08	1.67E-08	1.51E-08	6.90E-09	6.70E-09	0.00E+00	0.00E+00	3.11E-09	5.66E-10	3.59E-09	5.54E-10	5.18E-10	8.34E-09
1234	489735.89	3858976.54	2.61E-05	2.57E-05	2.50E-05	9.02E-09	2.72E-08	1.58E-08	1.56E-08	1.41E-08	6.44E-09	6.25E-09	0.00E+00	0.00E+00	2.90E-09	5.28E-10	3.35E-09	5.17E-10	4.84E-10	7.78E-09
1235	489785.89	3858976.54	2.45E-05	2.42E-05	2.35E-05	8.48E-09	2.56E-08	1.48E-08	1.46E-08	1.33E-08	6.05E-09	5.88E-09	0.00E+00	0.00E+00	2.73E-09	4.97E-10	3.15E-09	4.86E-10	4.55E-10	7.32E-09
1236	489835.89	3858976.54	2.31E-05	2.28E-05	2.22E-05	8.01E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.72E-09	5.55E-09	0.00E+00	0.00E+00	2.58E-09	4.69E-10	2.98E-09	4.59E-10	4.30E-10	6.91E-09
1237	489885.89	3858976.54	2.19E-05	2.17E-05	2.10E-05	7.60E-09	2.29E-08	1.33E-08	1.31E-08	1.19E-08	5.42E-09	5.26E-09	0.00E+00	0.00E+00	2.44E-09	4.45E-10	2.82E-09	4.35E-10	4.08E-10	6.55E-09
1238	489935.89	3858976.54	2.09E-05	2.06E-05	2.00E-05	7.24E-09	2.19E-08	1.27E-08	1.25E-08	1.13E-08	5.16E-09	5.01E-09	0.00E+00	0.00E+00	2.33E-09	4.24E-10	2.69E-09	4.15E-10	3.88E-10	6.24E-09
1239	489985.89	3858976.54	2.00E-05	1.97E-05	1.92E-05	6.92E-09	2.09E-08	1.21E-08	1.19E-08	1.08E-08	4.94E-09	4.79E-09	0.00E+00	0.00E+00	2.22E-09	4.05E-10	2.57E-09	3.96E-10	3.71E-10	5.97E-09
1240	490035.89	3858976.54	1.91E-05	1.89E-05	1.84E-05	6.63E-09	2.00E-08	1.16E-08	1.14E-08	1.04E-08	4.73E-09	4.59E-09	0.00E+00	0.00E+00	2.13E-09	3.88E-10	2.46E-09	3.80E-10	3.56E-10	5.72E-09
1241	489385.89	3859026.54	4.86E-05	4.80E-05	4.66E-05	1.68E-08	5.08E-08	2.94E-08	2.90E-08	2.63E-08	1.20E-08	1.17E-08	0.00E+00	0.00E+00	5.41E-09	9.85E-10	6.25E-09	9.64E-10	9.02E-10	1.45E-08
1242	489435.89	3859026.54	4.17E-05	4.12E-05	4.00E-05	1.44E-08	4.36E-08	2.52E-08	2.49E-08	2.26E-08	1.03E-08	1.00E-08	0.00E+00	0.00E+00	4.64E-09	8.45E-10	5.36E-09	8.27E-10	7.75E-10	1.25E-08
1243	489485.89	3859026.54	3.68E-05	3.63E-05	3.53E-05	1.27E-08	3.85E-08	2.23E-08	2.20E-08	1.99E-08	9.10E-09	8.83E-09	0.00E+00	0.00E+00	4.10E-09	7.46E-10	4.74E-09	7.30E-10	6.84E-10	1.10E-08
1244	489535.89	3859026.54	3.32E-05	3.28E-05	3.18E-05	1.15E-08	3.47E-08	2.01E-08	1.98E-08	1.80E-08	8.20E-09	7.96E-09	0.00E+00	0.00E+00	3.70E-09	6.73E-10	4.27E-09	6.59E-10	6.17E-10	9.91E-09
1245	489585.89	3859026.54	3.03E-05	2.99E-05	2.91E-05	1.05E-08	3.17E-08	1.84E-08	1.81E-08	1.64E-08	7.50E-09	7.28E-09	0.00E+00	0.00E+00	3.38E-09	6.15E-10	3.90E-09	6.02E-10	5.64E-10	9.06E-09
1246	489635.89	3859026.54	2.80E-05	2.77E-05	2.69E-05	9.71E-09	2.93E-08	1.70E-08	1.67E-08	1.52E-08	6.93E-09	6.72E-09	0.00E+00	0.00E+00	3.12E-09	5.68E-10	3.61E-09	5.56E-10	5.21E-10	8.37E-09
1247	489685.89	3859026.54	2.61E-05	2.58E-05	2.50E-05	9.04E-09	2.73E-08	1.58E-08	1.56E-08	1.41E-08	6.45E-09	6.26E-09	0.00E+00	0.00E+00	2.91E-09	5.29E-10	3.36E-09	5.18E-10	4.85E-10	7.80E-09
1248	489735.89	3859026.54	2.45E-05	2.42E-05	2.35E-05	8.48E-09	2.56E-08	1.48E-08	1.46E-08	1.33E-08	6.05E-09	5.87E-09	0.00E+00	0.00E+00	2.73E-09	4.96E-10	3.15E-09	4.86E-10	4.55E-10	7.31E-09
1249	489785.89	3859026.54	2.31E-05	2.28E-05	2.21E-05	8.00E-09	2.41E-08	1.40E-08	1.38E-08	1.25E-08	5.71E-09	5.54E-09	0.00E+00	0.00E+00	2.57E-09	4.68E-10	2.97E-09	4.58E-10	4.29E-10	6.90E-09
1250	489835.89	3859026.54	2.19E-05	2.16E-05	2.10E-05	7.57E-09	2.29E-08	1.32E-08	1.31E-08	1.18E-08	5.40E-09	5.25E-09	0.00E+00	0.00E+00	2.43E-09	4.43E-10	2.81E-09	4.34E-10	4.06E-10	6.53E-09
1251	489885.89	3859026.54	2.08E-05	2.05E-05	1.99E-05	7.20E-09	2.17E-08	1.26E-08	1.24E-08	1.13E-08	5.14E-09	4.99E-09	0.00E+00	0.00E+00	2.32E-09	4.22E-10	2.68E-09	4.13E-10	3.86E-10	6.21E-09
1252	489935.89	3859026.54	1.98E-05	1.96E-05	1.90E-05	6.87E-09	2.07E-08	1.20E-08	1.19E-08	1.07E-08	4.90E-09	4.76E-09	0.00E+00	0.00E+00	2.21E-09	4.02E-10	2.55E-09	3.94E-10	3.69E-10	5.93E-09
1253	489985.89	3859026.54	1.90E-05	1.87E-05	1.82E-05	6.57E-09	1.99E-08	1.15E-08	1.13E-08	1.03E-08	4.69E-09	4.56E-09	0.00E+00	0.00E+00	2.11E-09	3.85E-10	2.44E-09	3.77E-10	3.53E-10	5.67E-09
1254	490035.89	3859026.54	1.82E-05	1.79E-05	1.74E-05	6.29E-09	1.90E-08	1.10E-08	1.08E-08	9.83E-09	4.49E-09	4.36E-09	0.00E+00	0.00E+00	2.02E-09	3.68E-10	2.34E-09	3.60E-10	3.37E-10	5.42E-09
1255	489485.89	3859076.54	3.49E-05	3.44E-05	3.34E-05	1.21E-08	3.65E-08	2.11E-08	2.08E-08	1.89E-08	8.62E-09	8.37E-09	0.00E+00	0.00E+00	3.88E-09	7.07E-10	4.49E-09	6.92E-10	6.48E-10	1.04E-08
1256	489535.89	3859076.54	3.12E-05	3.08E-05	2.99E-05	1.08E-08	3.26E-08	1.89E-08	1.86E-08	1.69E-08	7.70E-09	7.48E-09	0.00E+00	0.00E+00	3.47E-09	6.32E-10	4.01E-09	6.19E-10	5.79E-10	9.31E-09
1257	489585.89	3859076.54	2.85E-05	2.81E-05	2.73E-05	9.86E-09	2.98E-08	1.72E-08	1.70E-08	1.54E-08	7.03E-09	6.83E-09	0.00E+00	0.00E+00	3.17E-09	5.77E-10	3.66E-09	5.65E-10	5.29E-10	8.50E-09
1258	489635.89	3859076.54	2.63E-05	2.60E-05	2.52E-05	9.12E-09	2.75E-08	1.59E-08	1.57E-08	1.43E-08	6.51E-09	6.32E-09	0.00E+00	0.00E+00	2.93E-09	5.34E-10	3.39E-09	5.22E-10	4.89E-10	7.86E-09
1259	489685.89	3859076.54	2.46E-05	2.43E-05	2.36E-05	8.51E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.07E-09	5.90E-09	0.00E+00	0.00E+00	2.74E-09	4.98E-10	3.16E-09	4.88E-10	4.57E-10	7.34E-09
1260	489735.89	3859076.54	2.31E-05	2.28E-05	2.21E-05	8.00E-09	2.41E-08	1.40E-08	1.38E-08	1.25E-08	5.71E-09	5.54E-09	0.00E+00	0.00E+00	2.57E-09	4.68E-10	2.97E-09	4.58E-10	4.29E-10	6.90E-09
1261	489785.89	3859076.54	2.18E-05	2.15E-05	2.09E-05	7.56E-09	2.28E-08	1.32E-08	1.30E-08	1.18E-08	5.39E-09	5.24E-09	0.00E+00	0.00E+00	2.43E-09	4.42E-10	2.81E-09	4.33E-10	4.05E-10	6.52E-09
1262	489835.89	3859076.54	2.07E-05	2.04E-05	1.98E-05	7.17E-09	2.16E-08	1.25E-08	1.24E-08	1.12E-08	5.12E-09	4.97E-09	0.00E+00	0.00E+00	2.31E-09	4.20E-10	2.66E-09	4.11E-10	3.85E-10	6.18E-09
1263	489885.89	3859076.54	1.97E-05	1.95E-05	1.89E-05	6.83E-09	2.06E-08	1.19E-08	1.18E-08	1.07E-08	4.87E-09	4.73E-09	0.00E+00	0.00E+00	2.20E-09	4.00E-10	2.54E-09	3.91E-10	3.66E-10	5.89E-09
1264	489935.89	3859076.54	1.88E-05	1.86E-05	1.81E-05	6.52E-09	1.97E-08	1.14E-08	1.13E-08	1.02E-08	4.65E-09	4.52E-09	0.00E+00	0.00E+00	2.10E-09	3.82E-10	2.42E-09	3.74E-10	3.50E-10	5.63E-09
1265	489985.89	3859076.54	1.80E-05	1.78E-05	1.73E-05	6.25E-09	1.89E-08	1.09E-08	1.08E-08	9.77E-09	4.46E-09	4.33E-09	0.00E+00	0.00E+00	2.01E-09	3.66E-10	2.32E-09	3.58E-10	3.35E-10	5.39E-09

1266	490035.89	3859076.54	1.73E-05	1.71E-05	1.66E-05	5.99E-09	1.81E-08	1.05E-08	1.03E-08	9.36E-09	4.27E-09	4.15E-09	0.00E+00	0.00E+00	1.92E-09	3.50E-10	2.22E-09	3.43E-10	3.21E-10	5.16E-09
1267	489585.89	3859126.54	2.73E-05	2.70E-05	2.62E-05	9.47E-09	2.86E-08	1.65E-08	1.63E-08	1.48E-08	6.75E-09	6.56E-09	0.00E+00	0.00E+00	3.04E-09	5.54E-10	3.52E-09	5.42E-10	5.08E-10	8.17E-09
1268	489635.89	3859126.54	2.51E-05	2.48E-05	2.41E-05	8.69E-09	2.62E-08	1.52E-08	1.50E-08	1.36E-08	6.20E-09	6.02E-09	0.00E+00	0.00E+00	2.80E-09	5.09E-10	3.23E-09	4.98E-10	4.66E-10	7.50E-09
1269	489685.89	3859126.54	2.34E-05	2.31E-05	2.24E-05	8.09E-09	2.44E-08	1.41E-08	1.40E-08	1.27E-08	5.77E-09	5.61E-09	0.00E+00	0.00E+00	2.60E-09	4.74E-10	3.01E-09	4.64E-10	4.34E-10	6.98E-09
1270	489735.89	3859126.54	2.20E-05	2.17E-05	2.10E-05	7.60E-09	2.29E-08	1.33E-08	1.31E-08	1.19E-08	5.42E-09	5.27E-09	0.00E+00	0.00E+00	2.44E-09	4.45E-10	2.82E-09	4.35E-10	4.08E-10	6.55E-09
1271	489785.89	3859126.54	2.07E-05	2.05E-05	1.99E-05	7.18E-09	2.17E-08	1.25E-08	1.24E-08	1.12E-08	5.12E-09	4.97E-09	0.00E+00	0.00E+00	2.31E-09	4.20E-10	2.67E-09	4.11E-10	3.85E-10	6.19E-09
1272	489835.89	3859126.54	1.97E-05	1.94E-05	1.89E-05	6.81E-09	2.06E-08	1.19E-08	1.18E-08	1.07E-08	4.86E-09	4.72E-09	0.00E+00	0.00E+00	2.19E-09	3.99E-10	2.53E-09	3.90E-10	3.65E-10	5.88E-09
1273	489885.89	3859126.54	1.87E-05	1.85E-05	1.80E-05	6.49E-09	1.96E-08	1.13E-08	1.12E-08	1.01E-08	4.63E-09	4.49E-09	0.00E+00	0.00E+00	2.09E-09	3.80E-10	2.41E-09	3.72E-10	3.48E-10	5.59E-09
1274	489935.89	3859126.54	1.79E-05	1.77E-05	1.72E-05	6.20E-09	1.87E-08	1.08E-08	1.07E-08	9.69E-09	4.42E-09	4.29E-09	0.00E+00	0.00E+00	1.99E-09	3.63E-10	2.30E-09	3.55E-10	3.33E-10	5.35E-09
1275	489985.89	3859126.54	1.71E-05	1.69E-05	1.64E-05	5.93E-09	1.79E-08	1.04E-08	1.02E-08	9.28E-09	4.23E-09	4.11E-09	0.00E+00	0.00E+00	1.91E-09	3.47E-10	2.20E-09	3.40E-10	3.18E-10	5.12E-09
1276	490035.89	3859126.54	1.65E-05	1.62E-05	1.58E-05	5.70E-09	1.72E-08	9.96E-09	9.83E-09	8.91E-09	4.07E-09	3.95E-09	0.00E+00	0.00E+00	1.83E-09	3.34E-10	2.12E-09	3.26E-10	3.06E-10	4.91E-09
1277	489585.89	3859176.54	2.59E-05	2.56E-05	2.48E-05	8.97E-09	2.71E-08	1.57E-08	1.55E-08	1.40E-08	6.40E-09	6.22E-09	0.00E+00	0.00E+00	2.88E-09	5.25E-10	3.33E-09	5.14E-10	4.81E-10	7.74E-09
1278	489635.89	3859176.54	2.46E-05	2.43E-05	2.36E-05	8.52E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.08E-09	5.90E-09	0.00E+00	0.00E+00	2.74E-09	4.99E-10	3.17E-09	4.88E-10	4.57E-10	7.35E-09
1279	489685.89	3859176.54	2.26E-05	2.23E-05	2.16E-05	7.81E-09	2.36E-08	1.37E-08	1.35E-08	1.22E-08	5.57E-09	5.41E-09	0.00E+00	0.00E+00	2.51E-09	4.57E-10	2.90E-09	4.48E-10	4.19E-10	6.74E-09
1280	489735.89	3859176.54	2.11E-05	2.08E-05	2.02E-05	7.29E-09	2.20E-08	1.27E-08	1.26E-08	1.14E-08	5.20E-09	5.05E-09	0.00E+00	0.00E+00	2.34E-09	4.27E-10	2.71E-09	4.18E-10	3.91E-10	6.29E-09
1281	489785.89	3859176.54	1.98E-05	1.96E-05	1.90E-05	6.86E-09	2.07E-08	1.20E-08	1.18E-08	1.07E-08	4.90E-09	4.75E-09	0.00E+00	0.00E+00	2.21E-09	4.02E-10	2.55E-09	3.93E-10	3.68E-10	5.92E-09
1282	489835.89	3859176.54	1.88E-05	1.85E-05	1.80E-05	6.50E-09	1.96E-08	1.14E-08	1.12E-08	1.02E-08	4.64E-09	4.50E-09	0.00E+00	0.00E+00	2.09E-09	3.81E-10	2.41E-09	3.72E-10	3.49E-10	5.61E-09
1283	489885.89	3859176.54	1.79E-05	1.76E-05	1.71E-05	6.18E-09	1.87E-08	1.08E-08	1.07E-08	9.67E-09	4.41E-09	4.28E-09	0.00E+00	0.00E+00	1.99E-09	3.62E-10	2.30E-09	3.54E-10	3.32E-10	5.33E-09
1284	489935.89	3859176.54	1.71E-05	1.68E-05	1.63E-05	5.90E-09	1.78E-08	1.03E-08	1.02E-08	9.23E-09	4.21E-09	4.09E-09	0.00E+00	0.00E+00	1.90E-09	3.46E-10	2.19E-09	3.38E-10	3.17E-10	5.09E-09
1285	489985.89	3859176.54	1.63E-05	1.61E-05	1.56E-05	5.65E-09	1.71E-08	9.88E-09	9.75E-09	8.84E-09	4.03E-09	3.91E-09	0.00E+00	0.00E+00	1.82E-09	3.31E-10	2.10E-09	3.24E-10	3.03E-10	4.87E-09
1286	490035.89	3859176.54	1.57E-05	1.55E-05	1.50E-05	5.43E-09	1.64E-08	9.49E-09	9.37E-09	8.49E-09	3.87E-09	3.76E-09	0.00E+00	0.00E+00	1.75E-09	3.18E-10	2.02E-09	3.11E-10	2.91E-10	4.68E-09
1287	489685.89	3859226.54	2.23E-05	2.20E-05	2.13E-05	7.71E-09	2.33E-08	1.35E-08	1.33E-08	1.20E-08	5.50E-09	5.34E-09	0.00E+00	0.00E+00	2.48E-09	4.51E-10	2.86E-09	4.41E-10	4.13E-10	6.65E-09
1288	489735.89	3859226.54	2.05E-05	2.03E-05	1.97E-05	7.11E-09	2.15E-08	1.24E-08	1.23E-08	1.11E-08	5.08E-09	4.93E-09	0.00E+00	0.00E+00	2.29E-09	4.16E-10	2.64E-09	4.08E-10	3.82E-10	6.14E-09
1289	489785.89	3859226.54	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.03E-08	4.72E-09	4.59E-09	0.00E+00	0.00E+00	2.13E-09	3.88E-10	2.46E-09	3.79E-10	3.55E-10	5.71E-09
1290	489835.89	3859226.54	1.80E-05	1.78E-05	1.72E-05	6.23E-09	1.88E-08	1.09E-08	1.07E-08	9.74E-09	4.45E-09	4.32E-09	0.00E+00	0.00E+00	2.00E-09	3.65E-10	2.31E-09	3.57E-10	3.34E-10	5.37E-09
1291	489885.89	3859226.54	1.71E-05	1.68E-05	1.64E-05	5.91E-09	1.78E-08	1.03E-08	1.02E-08	9.24E-09	4.21E-09	4.09E-09	0.00E+00	0.00E+00	1.90E-09	3.46E-10	2.19E-09	3.38E-10	3.17E-10	5.10E-09
1292	489935.89	3859226.54	1.63E-05	1.60E-05	1.56E-05	5.63E-09	1.70E-08	9.84E-09	9.71E-09	8.80E-09	4.02E-09	3.90E-09	0.00E+00	0.00E+00	1.81E-09	3.30E-10	2.09E-09	3.22E-10	3.02E-10	4.85E-09
1293	489985.89	3859226.54	1.55E-05	1.53E-05	1.49E-05	5.38E-09	1.62E-08	9.40E-09	9.28E-09	8.41E-09	3.84E-09	3.73E-09	0.00E+00	0.00E+00	1.73E-09	3.15E-10	2.00E-09	3.08E-10	2.89E-10	4.64E-09
1294	490035.89	3859226.54	1.49E-05	1.47E-05	1.43E-05	5.17E-09	1.56E-08	9.03E-09	8.92E-09	8.08E-09	3.69E-09	3.58E-09	0.00E+00	0.00E+00	1.66E-09	3.03E-10	1.92E-09	2.96E-10	2.77E-10	4.46E-09
1295	489735.89	3859276.54	1.95E-05	1.92E-05	1.86E-05	6.74E-09	2.03E-08	1.18E-08	1.16E-08	1.05E-08	4.81E-09	4.67E-09	0.00E+00	0.00E+00	2.17E-09	3.94E-10	2.50E-09	3.86E-10	3.61E-10	5.81E-09
1296	489785.89	3859276.54	1.89E-05	1.87E-05	1.81E-05	6.54E-09	1.98E-08	1.14E-08	1.13E-08	1.02E-08	4.67E-09	4.53E-09	0.00E+00	0.00E+00	2.10E-09	3.83E-10	2.43E-09	3.75E-10	3.51E-10	5.64E-09
1297	489835.89	3859276.54	1.74E-05	1.72E-05	1.67E-05	6.03E-09	1.82E-08	1.05E-08	1.04E-08	9.44E-09	4.31E-09	4.18E-09	0.00E+00	0.00E+00	1.94E-09	3.53E-10	2.24E-09	3.46E-10	3.24E-10	5.21E-09
1298	489885.89	3859276.54	1.64E-05	1.62E-05	1.57E-05	5.67E-09	1.71E-08	9.91E-09	9.78E-09	8.87E-09	4.05E-09	3.93E-09	0.00E+00	0.00E+00	1.82E-09	3.32E-10	2.11E-09	3.25E-10	3.04E-10	4.89E-09
1299	489935.89	3859276.54	1.55E-05	1.53E-05	1.49E-05	5.38E-09	1.62E-08	9.40E-09	9.27E-09	8.41E-09	3.84E-09	3.72E-09	0.00E+00	0.00E+00	1.73E-09	3.15E-10	2.00E-09	3.08E-10	2.88E-10	4.64E-09
1300	489985.89	3859276.54	1.48E-05	1.46E-05	1.42E-05	5.12E-09	1.55E-08	8.95E-09	8.84E-09	8.01E-09	3.65E-09	3.55E-09	0.00E+00	0.00E+00	1.65E-09	3.00E-10	1.90E-09	2.93E-10	2.75E-10	4.42E-09
1301	490035.89	3859276.54	1.42E-05	1.40E-05	1.36E-05	4.92E-09	1.48E-08	8.59E-09	8.48E-09	7.69E-09	3.51E-09	3.41E-09	0.00E+00	0.00E+00	1.58E-09	2.88E-10	1.83E-09	2.82E-10	2.64E-10	4.24E-09
1302	490458.06	3859590.74	7.87E-06	7.76E-06	7.54E-06	2.72E-09	8.22E-09	4.76E-09	4.70E-09	4.26E-09	1.94E-09	1.89E-09	0.00E+00	0.00E+00	8.76E-10	1.59E-10	1.01E-09	1.56E-10	1.46E-10	2.35E-09
1303	490508.06	3859590.74	7.54E-06	7.44E-06	7.22E-06	2.61E-09	7.88E-09	4.56E-09	4.50E-09	4.08E-09	1.86E-09	1.81E-09	0.00E+00	0.00E+00	8.39E-10	1.53E-10	9.69E-10	1.49E-10	1.40E-10	2.25E-09
1304	490558.06	3859590.74	7.30E-06	7.20E-06	6.99E-06	2.53E-09	7.63E-09	4.41E-09	4.36E-09	3.95E-09	1.80E-09	1.75E-09	0.00E+00	0.00E+00	8.12E-10	1.48E-10	9.38E-10	1.45E-10	1.36E-10	2.18E-09
1305	490608.06	3859590.74	7.10E-06	7.00E-06	6.80E-06	2.46E-09	7.42E-09	4.29E-09	4.24E-09	3.84E-09	1.75E-09	1.70E-09	0.00E+00	0.00E+00	7.90E-10	1.44E-10	9.13E-10	1.41E-10	1.32E-10	2.12E-09
1306	490658.06	3859590.74	6.92E-06	6.83E-06	6.63E-06	2.40E-09	7.23E-09	4.19E-09	4.13E-09	3.75E-09	1.71E-09	1.66E-09	0.00E+00	0.00E+00	7.70E-10	1.40E-10	8.90E-10	1.37E-10	1.29E-10	2.07E-09
1307	490708.06	3859590.74	6.76E-06	6.67E-06	6.48E-06	2.34E-09	7.07E-09	4.09E-09	4.04E-09	3.66E-09	1.67E-09	1.62E-09	0.00E+00	0.00E+00	7.52E-10	1.37E-10	8.69E-10	1.34E-10	1.26E-10	2.02E-09
1308	490758.06	3859590.74	6.60E-06	6.51E-06	6.32E-06	2.28E-09	6.90E-09	3.99E-09	3.94E-09	3.57E-09	1.63E-09	1.58E-09	0.00E+00	0.00E+00	7.35E-10	1.34E-10	8.49E-10	1.31E-10	1.23E-10	1.97E-09
1309	490808.06	3859590.74	6.45E-06	6.37E-06	6.19E-06	2.23E-09	6.75E-09	3.91E-09	3.85E-09	3.49E-09	1.59E-09	1.55E-09	0.00E+00	0.00E+00	7.18E-10	1.31E-10	8.30E-10	1.28E-10	1.20E-10	1.93E-09
1310	490858.06	3859590.74	6.31E-06	6.23E-06	6.05E-06	2.18E-09	6.59E-09	3.82E-09	3.77E-09	3.42E-09	1.56E-09	1.51E-09	0.00E+00	0.00E+00	7.02E-10	1.28E-10	8.11E-10	1.25E-10	1.17E-10	1.88E-09
1311	490458.06	3859640.74	8.11E-06	8.01E-06	7.77E-06	2.81E-09	8.48E-09	4.91E-09	4.84E-09	4.39E-09	2.00E-09	1.95E-09	0.00E+00	0.00E+00	9.03E-10	1.64E-10	1.04E-09	1.61E-10	1.51E-10	2.42E-09
1312	490508.06	3859640.74	7.70E-06	7.60E-06	7.38E-06	2.67E-09	8.05E-09	4.66E-09	4.60E-09	4.17E-09	1.90E-09	1.85E-09	0.00E+00	0.00E+00	8.57E-10	1.56E-10	9.90E-10	1.53E-10	1.43E-10	2.30E-09
1313	490558.06	3859640.74	7.19E-06	7.10E-06	6.90E-06	2.49E-09	7.52E-09	4.35E-09	4.30E-09	3.89E-09	1.78E-09	1.73E-09	0.00E+00	0.00E+00	8.01E-10	1.46E-10	9.25E-10	1.43E-10	1.34E-10	2.15E-09
1314	490608.06	3859640.74	6.89E-06	6.80E-06	6.60E-06	2.38E-09	7.20E-09	4.17E-09	4.11E-09	3.73E-09	1.70E-09	1.65E-09	0.00E+00	0.00E+00	7.66E-10	1.40E-10	8.86E-10	1.37E-10	1.28E-10	2.06E-09
1315	490658.06	3859640.74	6.66E-06	6.58E-06	6.39E-06	2.31E-09	6.96E-09	4.03E-09	3.98E-09	3.61E-09	1.65E-09	1.60E-09	0.00E+00	0.00E+00	7.42E-10	1.35E-10	8.57E-10	1.32E-10	1.24E-10	1.99E-09
1316	490708.06	3859640.74	6.48E-06	6.40E-06	6.21E-06	2.24E-09	6.78E-09	3.92E-09	3.87E-09	3.51E-09	1.60E-09	1.55E-09	0.00E+00	0.00E+00	7.22E-10	1.31E-10	8.34E-10	1.29E-10	1.20E-10	1.94E-09
1317	490758.06	3859640.74	6.32E-06	6.24E-06	6.06E-06	2.19E-09	6.61E-09	3.82E-09	3.77E-09	3.42E-09	1.56E-09	1.52E-09	0.00E+00	0.00E+00	7.04E-10	1.28E-10	8.13E-10	1.25E-10	1.17E-10	1.89E-09
1318	490808.06	3859640.74	6.19E-06	6.11E-06	5.93E-06	2.14E-09	6.47E-09	3.74E-09	3.69E-09	3.35E-09	1.53E-09	1.48E-09	0.00E+00	0.00E+00	6.89E-10	1.25E-10	7.96E-10	1.23E-10	1.15E-10	1.85E-09

1319	490858.06	3859640.74	6.06E-06	5.98E-06	5.81E-06	2.10E-09	6.34E-09	3.67E-09	3.62E-09	3.28E-09	1.50E-09	1.45E-09	0.00E+00	0.00E+00	6.75E-10	1.23E-10	7.80E-10	1.20E-10	1.13E-10	1.81E-09
1320	490608.06	3859690.74	7.15E-06	7.06E-06	6.85E-06	2.48E-09	7.47E-09	4.33E-09	4.27E-09	3.87E-09	1.77E-09	1.72E-09	0.00E+00	0.00E+00	7.96E-10	1.45E-10	9.20E-10	1.42E-10	1.33E-10	2.14E-09
1321	490658.06	3859690.74	6.64E-06	6.55E-06	6.36E-06	2.30E-09	6.94E-09	4.02E-09	3.97E-09	3.59E-09	1.64E-09	1.59E-09	0.00E+00	0.00E+00	7.39E-10	1.35E-10	8.54E-10	1.32E-10	1.23E-10	1.98E-09
1322	490708.06	3859690.74	6.34E-06	6.26E-06	6.08E-06	2.20E-09	6.63E-09	3.84E-09	3.79E-09	3.43E-09	1.57E-09	1.52E-09	0.00E+00	0.00E+00	7.06E-10	1.29E-10	8.16E-10	1.26E-10	1.18E-10	1.89E-09
1323	490758.06	3859690.74	6.13E-06	6.05E-06	5.87E-06	2.12E-09	6.41E-09	3.71E-09	3.66E-09	3.32E-09	1.51E-09	1.47E-09	0.00E+00	0.00E+00	6.82E-10	1.24E-10	7.88E-10	1.22E-10	1.14E-10	1.83E-09
1324	490808.06	3859690.74	5.96E-06	5.89E-06	5.71E-06	2.06E-09	6.23E-09	3.61E-09	3.56E-09	3.23E-09	1.47E-09	1.43E-09	0.00E+00	0.00E+00	6.64E-10	1.21E-10	7.67E-10	1.18E-10	1.11E-10	1.78E-09
1325	490858.06	3859690.74	5.85E-06	5.77E-06	5.60E-06	2.02E-09	6.11E-09	3.54E-09	3.49E-09	3.16E-09	1.44E-09	1.40E-09	0.00E+00	0.00E+00	6.51E-10	1.18E-10	7.52E-10	1.16E-10	1.09E-10	1.75E-09
1326	490708.06	3859740.74	6.72E-06	6.63E-06	6.44E-06	2.33E-09	7.02E-09	4.06E-09	4.01E-09	3.64E-09	1.66E-09	1.61E-09	0.00E+00	0.00E+00	7.48E-10	1.36E-10	8.64E-10	1.33E-10	1.25E-10	2.01E-09
1327	490758.06	3859740.74	6.20E-06	6.12E-06	5.95E-06	2.15E-09	6.48E-09	3.75E-09	3.70E-09	3.36E-09	1.53E-09	1.49E-09	0.00E+00	0.00E+00	6.91E-10	1.26E-10	7.98E-10	1.23E-10	1.15E-10	1.85E-09
1328	490808.06	3859740.74	5.91E-06	5.83E-06	5.66E-06	2.05E-09	6.18E-09	3.58E-09	3.53E-09	3.20E-09	1.46E-09	1.42E-09	0.00E+00	0.00E+00	6.58E-10	1.20E-10	7.60E-10	1.17E-10	1.10E-10	1.76E-09
1329	490858.06	3859740.74	5.72E-06	5.64E-06	5.48E-06	1.98E-09	5.98E-09	3.46E-09	3.41E-09	3.10E-09	1.41E-09	1.37E-09	0.00E+00	0.00E+00	6.36E-10	1.16E-10	7.35E-10	1.13E-10	1.06E-10	1.71E-09
1330	490786.56	3859749.39	6.06E-06	5.98E-06	5.81E-06	2.10E-09	6.33E-09	3.67E-09	3.62E-09	3.28E-09	1.50E-09	1.45E-09	0.00E+00	0.00E+00	6.74E-10	1.23E-10	7.79E-10	1.20E-10	1.13E-10	1.81E-09
1331	490836.56	3859749.39	5.79E-06	5.72E-06	5.55E-06	2.01E-09	6.06E-09	3.51E-09	3.46E-09	3.14E-09	1.43E-09	1.39E-09	0.00E+00	0.00E+00	6.45E-10	1.17E-10	7.45E-10	1.15E-10	1.08E-10	1.73E-09
1332	490786.56	3859799.39	6.29E-06	6.21E-06	6.03E-06	2.18E-09	6.58E-09	3.81E-09	3.76E-09	3.41E-09	1.55E-09	1.51E-09	0.00E+00	0.00E+00	7.01E-10	1.28E-10	8.09E-10	1.25E-10	1.17E-10	1.88E-09
1333	490836.56	3859799.39	6.16E-06	6.08E-06	5.91E-06	2.13E-09	6.44E-09	3.73E-09	3.68E-09	3.34E-09	1.52E-09	1.48E-09	0.00E+00	0.00E+00	6.86E-10	1.25E-10	7.93E-10	1.22E-10	1.14E-10	1.84E-09
1334	492307.84	3854508.36	2.28E-07	2.25E-07	2.18E-07	7.88E-11	2.38E-10	1.38E-10	1.36E-10	1.23E-10	5.63E-11	5.46E-11	0.00E+00	0.00E+00	2.54E-11	4.62E-12	2.93E-11	4.52E-12	4.23E-12	6.80E-11
1335	486445.7	3854753.6	2.32E-07	2.29E-07	2.23E-07	8.04E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.74E-11	5.57E-11	0.00E+00	0.00E+00	2.59E-11	4.71E-12	2.99E-11	4.61E-12	4.31E-12	6.94E-11
1336	472599.75	3877830.11	4.10E-08	4.05E-08	3.93E-08	1.42E-11	4.28E-11	2.48E-11	2.45E-11	2.22E-11	1.01E-11	9.83E-12	0.00E+00	0.00E+00	4.56E-12	8.31E-13	5.27E-12	8.13E-13	7.61E-13	1.22E-11
1337	493107.48	3866840.19	1.57E-07	1.55E-07	1.50E-07	5.43E-11	1.64E-10	9.50E-11	9.37E-11	8.50E-11	3.88E-11	3.76E-11	0.00E+00	0.00E+00	1.75E-11	3.18E-12	2.02E-11	3.11E-12	2.91E-12	4.69E-11
1338	495815.8	3861662.87	8.92E-07	8.80E-07	8.55E-07	3.09E-10	9.32E-10	5.40E-10	5.33E-10	4.83E-10	2.20E-10	2.14E-10	0.00E+00	0.00E+00	9.93E-11	1.81E-11	1.15E-10	1.77E-11	1.66E-11	2.66E-10
1339	480272.33	3841389.2	1.17E-08	1.16E-08	1.12E-08	4.05E-12	1.22E-11	7.09E-12	6.99E-12	6.34E-12	2.89E-12	2.81E-12	0.00E+00	0.00E+00	1.30E-12	2.37E-13	1.51E-12	2.32E-13	2.18E-13	3.50E-12
1340	497005.18	3862813.64	5.67E-07	5.60E-07	5.43E-07	1.96E-10	5.93E-10	3.43E-10	3.39E-10	3.07E-10	1.40E-10	1.36E-10	0.00E+00	0.00E+00	6.31E-11	1.15E-11	7.29E-11	1.12E-11	1.05E-11	1.69E-10
1341	493677.33	3860302.55	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.15E-10	0.00E+00	0.00E+00	2.39E-10	4.35E-11	2.76E-10	4.26E-11	3.99E-11	6.42E-10
1342	493727.33	3860302.55	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.38E-10
1343	493777.33	3860302.55	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.74E-10	4.22E-11	3.95E-11	6.35E-10
1344	493827.33	3860302.55	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
1345	493877.33	3860302.55	2.11E-06	2.08E-06	2.02E-06	7.29E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	0.00E+00	0.00E+00	2.34E-10	4.27E-11	2.71E-10	4.18E-11	3.91E-11	6.29E-10
1346	493927.33	3860302.55	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.89E-11	6.25E-10
1347	493977.33	3860302.55	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.88E-11	6.23E-10
1348	494027.33	3860302.55	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.20E-10
1349	493677.33	3860352.55	2.08E-06	2.06E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	0.00E+00	0.00E+00	2.32E-10	4.22E-11	2.68E-10	4.13E-11	3.87E-11	6.22E-10
1350	493727.33	3860352.55	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.66E-10	4.11E-11	3.85E-11	6.18E-10
1351	493777.33	3860352.55	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.65E-10	4.08E-11	3.83E-11	6.15E-10
1352	493827.33	3860352.55	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.64E-10	4.06E-11	3.81E-11	6.12E-10
1353	493877.33	3860352.55	2.04E-06	2.01E-06	1.96E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.62E-10	4.05E-11	3.79E-11	6.09E-10
1354	493927.33	3860352.55	2.03E-06	2.01E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.12E-11	2.61E-10	4.03E-11	3.77E-11	6.07E-10
1355	493977.33	3860352.55	2.03E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.86E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.02E-11	3.76E-11	6.05E-10
1356	494027.33	3860352.55	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.24E-10	4.09E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
1357	493677.33	3860402.55	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.25E-10	4.09E-11	2.59E-10	4.00E-11	3.75E-11	6.02E-10
1358	493727.33	3860402.55	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.81E-10	0.00E+00	0.00E+00	2.23E-10	4.07E-11	2.58E-10	3.98E-11	3.73E-11	5.99E-10
1359	493777.33	3860402.55	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.05E-11	2.57E-10	3.97E-11	3.71E-11	5.97E-10
1360	493827.33	3860402.55	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.94E-11	3.69E-11	5.94E-10
1361	493877.33	3860402.55	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.54E-10	3.92E-11	3.67E-11	5.91E-10
1362	493927.33	3860402.55	1.97E-06	1.95E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.91E-11	3.66E-11	5.89E-10
1363	493977.33	3860402.55	1.97E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.71E-10	0.00E+00	0.00E+00	2.19E-10	3.98E-11	2.53E-10	3.90E-11	3.65E-11	5.87E-10
1364	494027.33	3860402.55	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.51E-10	3.88E-11	3.63E-11	5.84E-10
1365	493677.33	3860452.55	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.88E-11	3.64E-11	5.85E-10
1366	493727.33	3860452.55	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10
1367	493777.33	3860452.55	1.94E-06	1.91E-06	1.85E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.84E-11	3.59E-11	5.78E-10
1368	493827.33	3860452.55	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.82E-11	3.58E-11	5.76E-10
1369	493877.33	3860452.55	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.57E-11	5.74E-10
1370	493927.33	3860452.55	1.91E-06	1.89E-06	1.84E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.80E-11	3.56E-11	5.72E-10
1371	493977.33	3860452.55	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10

1372	494027.33	3860452.55	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.55E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
1373	493677.33	3860502.55	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	0.00E+00	0.00E+00	2.11E-10	3.85E-11	2.44E-10	3.77E-11	3.53E-11	5.67E-10
1374	493727.33	3860502.55	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.74E-11	3.51E-11	5.64E-10
1375	493777.33	3860502.55	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.61E-10
1376	493827.33	3860502.55	1.87E-06	1.85E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.41E-10	3.71E-11	3.47E-11	5.58E-10
1377	493877.33	3860502.55	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	0.00E+00	0.00E+00	2.07E-10	3.78E-11	2.40E-10	3.70E-11	3.46E-11	5.57E-10
1378	493927.33	3860502.55	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.45E-11	5.55E-10
1379	493977.33	3860502.55	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.44E-11	5.52E-10
1380	494027.33	3860502.55	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
1381	493627.33	3860552.55	1.85E-06	1.83E-06	1.77E-06	6.41E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.44E-11	5.53E-10
1382	493677.33	3860552.55	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.96E-10	4.55E-10	4.41E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
1383	493727.33	3860552.55	1.83E-06	1.81E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.35E-10	3.63E-11	3.40E-11	5.46E-10
1384	493777.33	3860552.55	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.90E-09	1.10E-09	1.09E-09	9.86E-10	4.50E-10	4.37E-10	0.00E+00	0.00E+00	2.03E-10	3.69E-11	2.34E-10	3.61E-11	3.38E-11	5.44E-10
1385	493827.33	3860552.55	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.49E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.34E-10	3.60E-11	3.37E-11	5.42E-10
1386	493877.33	3860552.55	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.46E-10	4.34E-10	0.00E+00	0.00E+00	2.01E-10	3.66E-11	2.32E-10	3.59E-11	3.36E-11	5.40E-10
1387	493927.33	3860552.55	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.01E-10	3.65E-11	2.32E-10	3.57E-11	3.35E-11	5.38E-10
1388	493977.33	3860552.55	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.34E-11	5.36E-10
1389	494027.33	3860552.55	1.79E-06	1.76E-06	1.71E-06	6.19E-10	1.87E-09	1.08E-09	1.07E-09	9.68E-10	4.42E-10	4.29E-10	0.00E+00	0.00E+00	1.99E-10	3.62E-11	2.30E-10	3.55E-11	3.32E-11	5.34E-10
1390	493627.33	3860602.55	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.34E-11	5.37E-10
1391	493727.33	3860602.55	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.51E-11	3.29E-11	5.29E-10
1392	493777.33	3860602.55	1.77E-06	1.75E-06	1.70E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.57E-10	4.37E-10	4.24E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.27E-10	3.51E-11	3.28E-11	5.28E-10
1393	493827.33	3860602.55	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.27E-10	3.49E-11	3.27E-11	5.26E-10
1394	493877.33	3860602.55	1.76E-06	1.73E-06	1.68E-06	6.08E-10	1.84E-09	1.06E-09	1.05E-09	9.51E-10	4.34E-10	4.21E-10	0.00E+00	0.00E+00	1.96E-10	3.56E-11	2.26E-10	3.48E-11	3.26E-11	5.25E-10
1395	493927.33	3860602.55	1.75E-06	1.73E-06	1.68E-06	6.06E-10	1.83E-09	1.06E-09	1.05E-09	9.48E-10	4.32E-10	4.20E-10	0.00E+00	0.00E+00	1.95E-10	3.55E-11	2.25E-10	3.47E-11	3.25E-11	5.23E-10
1396	493977.33	3860602.55	1.74E-06	1.72E-06	1.67E-06	6.04E-10	1.82E-09	1.06E-09	1.04E-09	9.44E-10	4.31E-10	4.18E-10	0.00E+00	0.00E+00	1.94E-10	3.54E-11	2.24E-10	3.46E-11	3.24E-11	5.21E-10
1397	494027.33	3860602.55	1.74E-06	1.71E-06	1.66E-06	6.01E-10	1.81E-09	1.05E-09	1.04E-09	9.40E-10	4.29E-10	4.16E-10	0.00E+00	0.00E+00	1.93E-10	3.52E-11	2.23E-10	3.44E-11	3.22E-11	5.18E-10
1398	493627.33	3860652.55	1.74E-06	1.72E-06	1.67E-06	6.04E-10	1.82E-09	1.05E-09	1.04E-09	9.44E-10	4.31E-10	4.18E-10	0.00E+00	0.00E+00	1.94E-10	3.53E-11	2.24E-10	3.46E-11	3.24E-11	5.21E-10
1399	493727.33	3860652.55	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.31E-10	4.25E-10	4.12E-10	0.00E+00	0.00E+00	1.91E-10	3.49E-11	2.21E-10	3.41E-11	3.19E-11	5.13E-10
1400	493777.33	3860652.55	1.71E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.28E-10	4.24E-10	4.11E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.40E-11	3.19E-11	5.12E-10
1401	493827.33	3860652.55	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.26E-10	4.22E-10	4.10E-10	0.00E+00	0.00E+00	1.90E-10	3.47E-11	2.20E-10	3.39E-11	3.18E-11	5.11E-10
1402	493877.33	3860652.55	1.71E-06	1.68E-06	1.64E-06	5.91E-10	1.78E-09	1.03E-09	1.02E-09	9.24E-10	4.22E-10	4.09E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.19E-10	3.38E-11	3.17E-11	5.10E-10
1403	493927.33	3860652.55	1.70E-06	1.68E-06	1.63E-06	5.88E-10	1.78E-09	1.03E-09	1.02E-09	9.20E-10	4.20E-10	4.08E-10	0.00E+00	0.00E+00	1.89E-10	3.45E-11	2.19E-10	3.37E-11	3.16E-11	5.08E-10
1404	493977.33	3860652.55	1.69E-06	1.67E-06	1.62E-06	5.86E-10	1.77E-09	1.02E-09	1.01E-09	9.17E-10	4.18E-10	4.06E-10	0.00E+00	0.00E+00	1.88E-10	3.43E-11	2.18E-10	3.36E-11	3.14E-11	5.06E-10
1405	494027.33	3860652.55	1.69E-06	1.67E-06	1.62E-06	5.85E-10	1.77E-09	1.02E-09	1.01E-09	9.14E-10	4.17E-10	4.05E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.35E-11	3.14E-11	5.04E-10
1406	494311.06	3858401.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.94E-10	4.54E-11	4.25E-11	6.83E-10
1407	494361.06	3858401.99	2.23E-06	2.20E-06	2.14E-06	7.73E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.87E-10	4.43E-11	4.15E-11	6.67E-10
1408	494411.06	3858401.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.35E-11	4.07E-11	6.54E-10
1409	494461.06	3858401.99	2.16E-06	2.14E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	0.00E+00	0.00E+00	2.41E-10	4.39E-11	2.78E-10	4.29E-11	4.02E-11	6.46E-10
1410	494511.06	3858401.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.33E-10
1411	494561.06	3858401.99	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.89E-11	6.25E-10
1412	494611.06	3858401.99	2.05E-06	2.03E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.13E-10
1413	494661.06	3858401.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.09E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
1414	494711.06	3858401.99	1.97E-06	1.94E-06	1.89E-06	6.81E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.86E-10	4.72E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.90E-11	3.66E-11	5.88E-10
1415	494761.06	3858401.99	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.49E-10	3.84E-11	3.60E-11	5.79E-10
1416	494811.06	3858401.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	0.00E+00	0.00E+00	2.11E-10	3.85E-11	2.44E-10	3.77E-11	3.53E-11	5.67E-10
1417	494861.06	3858401.99	1.86E-06	1.84E-06	1.79E-06	6.46E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.61E-10	4.47E-10	0.00E+00	0.00E+00	2.08E-10	3.78E-11	2.40E-10	3.70E-11	3.46E-11	5.57E-10
1418	494911.06	3858401.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.36E-10	3.63E-11	3.40E-11	5.47E-10
1419	494961.06	3858401.99	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.34E-11	5.37E-10
1420	495011.06	3858401.99	1.76E-06	1.73E-06	1.68E-06	6.08E-10	1.84E-09	1.06E-09	1.05E-09	9.51E-10	4.34E-10	4.21E-10	0.00E+00	0.00E+00	1.96E-10	3.56E-11	2.26E-10	3.48E-11	3.26E-11	5.25E-10
1421	495061.06	3858401.99	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.26E-10	4.13E-10	0.00E+00	0.00E+00	1.92E-10	3.49E-11	2.22E-10	3.42E-11	3.20E-11	5.15E-10
1422	495111.06	3858401.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.75E-09	1.01E-09	9.98E-10	9.05E-10	4.13E-10	4.01E-10	0.00E+00	0.00E+00	1.86E-10	3.39E-11	2.15E-10	3.31E-11	3.10E-11	4.99E-10
1423	495161.06	3858401.99	1.65E-06	1.63E-06	1.58E-06	5.72E-10	1.73E-09	1.00E-09	9.87E-10	8.95E-10	4.08E-10	3.97E-10	0.00E+00	0.00E+00	1.84E-10	3.35E-11	2.13E-10	3.28E-11	3.07E-11	4.94E-10
1424	495211.06	3858401.99	1.61E-06	1.59E-06	1.54E-06	5.57E-10	1.68E-09	9.73E-10	9.60E-10	8.71E-10	3.97E-10	3.86E-10	0.00E+00	0.00E+00	1.79E-10	3.26E-11	2.07E-10	3.19E-11	2.99E-11	4.80E-10

1425	495261.06	3858401.99	1.58E-06	1.56E-06	1.51E-06	5.47E-10	1.65E-09	9.56E-10	9.43E-10	8.55E-10	3.90E-10	3.79E-10	0.00E+00	0.00E+00	1.76E-10	3.20E-11	2.03E-10	3.13E-11	2.93E-11	4.72E-10
1426	495311.06	3858401.99	1.55E-06	1.53E-06	1.49E-06	5.37E-10	1.62E-09	9.38E-10	9.26E-10	8.39E-10	3.83E-10	3.72E-10	0.00E+00	0.00E+00	1.73E-10	3.14E-11	1.99E-10	3.07E-11	2.88E-11	4.63E-10
1427	495361.06	3858401.99	1.53E-06	1.51E-06	1.46E-06	5.29E-10	1.60E-09	9.24E-10	9.12E-10	8.27E-10	3.77E-10	3.66E-10	0.00E+00	0.00E+00	1.70E-10	3.10E-11	1.96E-10	3.03E-11	2.84E-11	4.56E-10
1428	495411.06	3858401.99	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.14E-10	9.02E-10	8.18E-10	3.73E-10	3.62E-10	0.00E+00	0.00E+00	1.68E-10	3.06E-11	1.94E-10	3.00E-11	2.81E-11	4.51E-10
1429	495461.06	3858401.99	1.50E-06	1.48E-06	1.43E-06	5.18E-10	1.56E-09	9.06E-10	8.94E-10	8.10E-10	3.70E-10	3.59E-10	0.00E+00	0.00E+00	1.67E-10	3.03E-11	1.93E-10	2.97E-11	2.78E-11	4.47E-10
1430	495511.06	3858401.99	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.91E-10	2.94E-11	2.75E-11	4.42E-10
1431	495561.06	3858401.99	1.46E-06	1.44E-06	1.40E-06	5.04E-10	1.52E-09	8.81E-10	8.70E-10	7.89E-10	3.60E-10	3.49E-10	0.00E+00	0.00E+00	1.62E-10	2.95E-11	1.87E-10	2.89E-11	2.71E-11	4.35E-10
1432	495611.06	3858401.99	1.44E-06	1.42E-06	1.38E-06	5.00E-10	1.51E-09	8.73E-10	8.62E-10	7.81E-10	3.56E-10	3.46E-10	0.00E+00	0.00E+00	1.61E-10	2.93E-11	1.86E-10	2.86E-11	2.68E-11	4.31E-10
1433	495661.06	3858401.99	1.44E-06	1.42E-06	1.38E-06	4.99E-10	1.51E-09	8.72E-10	8.61E-10	7.80E-10	3.56E-10	3.46E-10	0.00E+00	0.00E+00	1.60E-10	2.92E-11	1.85E-10	2.86E-11	2.68E-11	4.30E-10
1434	494311.06	3858451.99	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	2.99E-10	4.61E-11	4.32E-11	6.95E-10
1435	494361.06	3858451.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.46E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.23E-11	6.80E-10
1436	494411.06	3858451.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.88E-10	4.43E-11	4.15E-11	6.68E-10
1437	494461.06	3858451.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
1438	494511.06	3858451.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.40E-11	2.79E-10	4.30E-11	4.03E-11	6.48E-10
1439	494561.06	3858451.99	2.12E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.73E-10	4.21E-11	3.95E-11	6.35E-10
1440	494611.06	3858451.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.33E-10	4.23E-11	2.69E-10	4.14E-11	3.88E-11	6.24E-10
1441	494661.06	3858451.99	2.05E-06	2.03E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.13E-10
1442	494711.06	3858451.99	2.01E-06	1.98E-06	1.93E-06	6.95E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	0.00E+00	0.00E+00	2.24E-10	4.07E-11	2.58E-10	3.98E-11	3.73E-11	6.00E-10
1443	494761.06	3858451.99	1.97E-06	1.94E-06	1.88E-06	6.81E-10	2.06E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.90E-11	3.65E-11	5.87E-10
1444	494811.06	3858451.99	1.93E-06	1.91E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.83E-11	3.59E-11	5.76E-10
1445	494861.06	3858451.99	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.65E-10
1446	494911.06	3858451.99	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.12E-09	1.10E-09	9.98E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.74E-11	2.37E-10	3.66E-11	3.42E-11	5.50E-10
1447	494961.06	3858451.99	1.81E-06	1.79E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	0.00E+00	0.00E+00	2.01E-10	3.67E-11	2.33E-10	3.59E-11	3.36E-11	5.40E-10
1448	495011.06	3858451.99	1.77E-06	1.74E-06	1.69E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.56E-10	4.36E-10	4.24E-10	0.00E+00	0.00E+00	1.97E-10	3.58E-11	2.27E-10	3.50E-11	3.28E-11	5.28E-10
1449	495061.06	3858451.99	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.43E-10	4.30E-10	4.18E-10	0.00E+00	0.00E+00	1.94E-10	3.53E-11	2.24E-10	3.46E-11	3.24E-11	5.20E-10
1450	495111.06	3858451.99	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.21E-10	4.20E-10	4.08E-10	0.00E+00	0.00E+00	1.89E-10	3.45E-11	2.19E-10	3.38E-11	3.16E-11	5.08E-10
1451	495161.06	3858451.99	1.66E-06	1.64E-06	1.59E-06	5.74E-10	1.73E-09	1.00E-09	9.91E-10	8.98E-10	4.10E-10	3.98E-10	0.00E+00	0.00E+00	1.85E-10	3.36E-11	2.13E-10	3.29E-11	3.08E-11	4.95E-10
1452	495211.06	3858451.99	1.62E-06	1.60E-06	1.55E-06	5.61E-10	1.69E-09	9.80E-10	9.67E-10	8.77E-10	4.00E-10	3.89E-10	0.00E+00	0.00E+00	1.80E-10	3.28E-11	2.08E-10	3.21E-11	3.01E-11	4.84E-10
1453	495261.06	3858451.99	1.59E-06	1.57E-06	1.53E-06	5.51E-10	1.66E-09	9.63E-10	9.51E-10	8.62E-10	3.93E-10	3.82E-10	0.00E+00	0.00E+00	1.77E-10	3.23E-11	2.05E-10	3.16E-11	2.96E-11	4.75E-10
1454	495311.06	3858451.99	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	0.00E+00	0.00E+00	1.74E-10	3.18E-11	2.02E-10	3.11E-11	2.91E-11	4.68E-10
1455	495361.06	3858451.99	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.35E-10	9.23E-10	8.37E-10	3.82E-10	3.71E-10	0.00E+00	0.00E+00	1.72E-10	3.13E-11	1.99E-10	3.07E-11	2.87E-11	4.62E-10
1456	495411.06	3858451.99	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.26E-10	9.14E-10	8.29E-10	3.78E-10	3.67E-10	0.00E+00	0.00E+00	1.70E-10	3.10E-11	1.97E-10	3.04E-11	2.84E-11	4.57E-10
1457	495461.06	3858451.99	1.52E-06	1.50E-06	1.45E-06	5.25E-10	1.59E-09	9.18E-10	9.06E-10	8.22E-10	3.75E-10	3.64E-10	0.00E+00	0.00E+00	1.69E-10	3.08E-11	1.95E-10	3.01E-11	2.82E-11	4.53E-10
1458	495511.06	3858451.99	1.49E-06	1.47E-06	1.43E-06	5.17E-10	1.56E-09	9.04E-10	8.92E-10	8.09E-10	3.69E-10	3.58E-10	0.00E+00	0.00E+00	1.66E-10	3.03E-11	1.92E-10	2.96E-11	2.78E-11	4.46E-10
1459	495561.06	3858451.99	1.49E-06	1.47E-06	1.43E-06	5.15E-10	1.56E-09	9.00E-10	8.88E-10	8.05E-10	3.68E-10	3.57E-10	0.00E+00	0.00E+00	1.66E-10	3.02E-11	1.91E-10	2.95E-11	2.76E-11	4.44E-10
1460	495611.06	3858451.99	1.46E-06	1.44E-06	1.40E-06	5.06E-10	1.53E-09	8.84E-10	8.73E-10	7.91E-10	3.61E-10	3.51E-10	0.00E+00	0.00E+00	1.63E-10	2.96E-11	1.88E-10	2.90E-11	2.71E-11	4.36E-10
1461	495661.06	3858451.99	1.45E-06	1.43E-06	1.39E-06	5.03E-10	1.52E-09	8.78E-10	8.67E-10	7.86E-10	3.59E-10	3.48E-10	0.00E+00	0.00E+00	1.62E-10	2.94E-11	1.87E-10	2.88E-11	2.70E-11	4.33E-10
1462	494311.06	3858501.99	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	0.00E+00	0.00E+00	2.59E-10	4.71E-11	2.99E-10	4.61E-11	4.32E-11	6.94E-10
1463	494361.06	3858501.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.48E-10	0.00E+00	0.00E+00	2.55E-10	4.63E-11	2.94E-10	4.54E-11	4.25E-11	6.83E-10
1464	494411.06	3858501.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.46E-11	4.17E-11	6.71E-10
1465	494461.06	3858501.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
1466	494511.06	3858501.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.40E-11	2.79E-10	4.30E-11	4.03E-11	6.48E-10
1467	494561.06	3858501.99	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.18E-10	0.00E+00	0.00E+00	2.40E-10	4.38E-11	2.78E-10	4.28E-11	4.01E-11	6.45E-10
1468	494611.06	3858501.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.33E-10
1469	494661.06	3858501.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.69E-10	4.14E-11	3.88E-11	6.23E-10
1470	494711.06	3858501.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.80E-11	6.10E-10
1471	494761.06	3858501.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.57E-10	3.96E-11	3.71E-11	5.96E-10
1472	494811.06	3858501.99	1.95E-06	1.93E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.96E-11	2.51E-10	3.87E-11	3.62E-11	5.83E-10
1473	494861.06	3858501.99	1.92E-06	1.89E-06	1.84E-06	6.64E-10	2.00E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.60E-10	0.00E+00	0.00E+00	2.13E-10	3.89E-11	2.47E-10	3.80E-11	3.56E-11	5.73E-10
1474	494911.06	3858501.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	0.00E+00	0.00E+00	2.07E-10	3.78E-11	2.40E-10	3.70E-11	3.46E-11	5.56E-10
1475	494961.06	3858501.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.36E-10	3.63E-11	3.40E-11	5.47E-10
1476	495011.06	3858501.99	1.78E-06	1.76E-06	1.71E-06	6.18E-10	1.87E-09	1.08E-09	1.07E-09	9.66E-10	4.41E-10	4.28E-10	0.00E+00	0.00E+00	1.99E-10	3.62E-11	2.30E-10	3.54E-11	3.31E-11	5.33E-10
1477	495061.06	3858501.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.26E-10	3.49E-11	3.27E-11	5.25E-10

1478	495111.06	3858501.99	1.71E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.23E-10	4.21E-10	4.09E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.19E-10	3.38E-11	3.17E-11	5.09E-10
1479	495161.06	3858501.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.74E-09	1.01E-09	9.97E-10	9.03E-10	4.12E-10	4.00E-10	0.00E+00	0.00E+00	1.86E-10	3.38E-11	2.15E-10	3.31E-11	3.10E-11	4.98E-10
1480	495211.06	3858501.99	1.63E-06	1.61E-06	1.57E-06	5.65E-10	1.71E-09	9.88E-10	9.75E-10	8.84E-10	4.03E-10	3.92E-10	0.00E+00	0.00E+00	1.82E-10	3.31E-11	2.10E-10	3.24E-11	3.03E-11	4.88E-10
1481	495261.06	3858501.99	1.61E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	0.00E+00	0.00E+00	1.79E-10	3.25E-11	2.06E-10	3.18E-11	2.98E-11	4.79E-10
1482	495311.06	3858501.99	1.59E-06	1.57E-06	1.52E-06	5.49E-10	1.66E-09	9.60E-10	9.47E-10	8.58E-10	3.92E-10	3.80E-10	0.00E+00	0.00E+00	1.77E-10	3.21E-11	2.04E-10	3.15E-11	2.95E-11	4.74E-10
1483	495361.06	3858501.99	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	0.00E+00	0.00E+00	1.74E-10	3.18E-11	2.02E-10	3.11E-11	2.91E-11	4.68E-10
1484	495411.06	3858501.99	1.55E-06	1.53E-06	1.49E-06	5.37E-10	1.62E-09	9.39E-10	9.27E-10	8.40E-10	3.83E-10	3.72E-10	0.00E+00	0.00E+00	1.73E-10	3.15E-11	2.00E-10	3.08E-11	2.88E-11	4.63E-10
1485	495461.06	3858501.99	1.54E-06	1.52E-06	1.47E-06	5.32E-10	1.61E-09	9.30E-10	9.18E-10	8.32E-10	3.80E-10	3.69E-10	0.00E+00	0.00E+00	1.71E-10	3.12E-11	1.98E-10	3.05E-11	2.85E-11	4.59E-10
1486	495511.06	3858501.99	1.52E-06	1.50E-06	1.46E-06	5.26E-10	1.59E-09	9.19E-10	9.07E-10	8.22E-10	3.75E-10	3.64E-10	0.00E+00	0.00E+00	1.69E-10	3.08E-11	1.95E-10	3.01E-11	2.82E-11	4.54E-10
1487	495561.06	3858501.99	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.15E-10	9.03E-10	8.18E-10	3.73E-10	3.63E-10	0.00E+00	0.00E+00	1.68E-10	3.06E-11	1.94E-10	3.00E-11	2.81E-11	4.51E-10
1488	495611.06	3858501.99	1.49E-06	1.47E-06	1.43E-06	5.16E-10	1.56E-09	9.01E-10	8.89E-10	8.06E-10	3.68E-10	3.57E-10	0.00E+00	0.00E+00	1.66E-10	3.02E-11	1.92E-10	2.95E-11	2.77E-11	4.45E-10
1489	495661.06	3858501.99	1.48E-06	1.46E-06	1.42E-06	5.12E-10	1.54E-09	8.94E-10	8.83E-10	8.00E-10	3.65E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.90E-10	2.93E-11	2.75E-11	4.41E-10
1490	494311.06	3858551.99	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.92E-10	4.51E-11	4.22E-11	6.79E-10
1491	494361.06	3858551.99	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.92E-10	4.51E-11	4.22E-11	6.79E-10
1492	494411.06	3858551.99	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.92E-10	4.51E-11	4.22E-11	6.79E-10
1493	494461.06	3858551.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	0.00E+00	0.00E+00	2.51E-10	4.56E-11	2.90E-10	4.47E-11	4.18E-11	6.72E-10
1494	494511.06	3858551.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.40E-11	4.12E-11	6.63E-10
1495	494561.06	3858551.99	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.35E-11	4.07E-11	6.54E-10
1496	494611.06	3858551.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.00E-11	6.44E-10
1497	494661.06	3858551.99	2.12E-06	2.10E-06	2.04E-06	7.35E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.31E-11	2.73E-10	4.21E-11	3.94E-11	6.34E-10
1498	494711.06	3858551.99	2.08E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.85E-11	6.20E-10
1499	494761.06	3858551.99	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.86E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.02E-11	3.77E-11	6.06E-10
1500	494811.06	3858551.99	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.95E-11	3.70E-11	5.94E-10
1501	494861.06	3858551.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.80E-10
1502	494911.06	3858551.99	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
1503	494961.06	3858551.99	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	0.00E+00	0.00E+00	2.06E-10	3.76E-11	2.38E-10	3.68E-11	3.44E-11	5.53E-10
1504	495011.06	3858551.99	1.80E-06	1.78E-06	1.73E-06	6.25E-10	1.89E-09	1.09E-09	1.08E-09	9.77E-10	4.46E-10	4.33E-10	0.00E+00	0.00E+00	2.01E-10	3.66E-11	2.32E-10	3.58E-11	3.35E-11	5.39E-10
1505	495061.06	3858551.99	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.52E-11	3.29E-11	5.29E-10
1506	495111.06	3858551.99	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.25E-10	4.12E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.41E-11	3.19E-11	5.13E-10
1507	495161.06	3858551.99	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.10E-10	4.15E-10	4.03E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.16E-10	3.33E-11	3.12E-11	5.02E-10
1508	495211.06	3858551.99	1.65E-06	1.63E-06	1.58E-06	5.70E-10	1.72E-09	9.97E-10	9.84E-10	8.92E-10	4.07E-10	3.95E-10	0.00E+00	0.00E+00	1.83E-10	3.34E-11	2.12E-10	3.27E-11	3.06E-11	4.92E-10
1509	495261.06	3858551.99	1.62E-06	1.60E-06	1.55E-06	5.62E-10	1.70E-09	9.82E-10	9.69E-10	8.78E-10	4.01E-10	3.89E-10	0.00E+00	0.00E+00	1.81E-10	3.29E-11	2.09E-10	3.22E-11	3.01E-11	4.84E-10
1510	495311.06	3858551.99	1.61E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	0.00E+00	0.00E+00	1.79E-10	3.25E-11	2.07E-10	3.18E-11	2.98E-11	4.79E-10
1511	495361.06	3858551.99	1.59E-06	1.57E-06	1.52E-06	5.49E-10	1.66E-09	9.60E-10	9.48E-10	8.59E-10	3.92E-10	3.81E-10	0.00E+00	0.00E+00	1.77E-10	3.22E-11	2.04E-10	3.15E-11	2.95E-11	4.74E-10
1512	495411.06	3858551.99	1.57E-06	1.55E-06	1.51E-06	5.45E-10	1.65E-09	9.53E-10	9.40E-10	8.52E-10	3.89E-10	3.78E-10	0.00E+00	0.00E+00	1.75E-10	3.19E-11	2.03E-10	3.12E-11	2.92E-11	4.70E-10
1513	495461.06	3858551.99	1.56E-06	1.54E-06	1.49E-06	5.39E-10	1.63E-09	9.43E-10	9.31E-10	8.44E-10	3.85E-10	3.74E-10	0.00E+00	0.00E+00	1.73E-10	3.16E-11	2.00E-10	3.09E-11	2.89E-11	4.65E-10
1514	495511.06	3858551.99	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.36E-10	9.24E-10	8.37E-10	3.82E-10	3.71E-10	0.00E+00	0.00E+00	1.72E-10	3.13E-11	1.99E-10	3.07E-11	2.87E-11	4.62E-10
1515	495561.06	3858551.99	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.26E-10	9.14E-10	8.29E-10	3.78E-10	3.67E-10	0.00E+00	0.00E+00	1.70E-10	3.10E-11	1.97E-10	3.04E-11	2.84E-11	4.57E-10
1516	495611.06	3858551.99	1.51E-06	1.49E-06	1.45E-06	5.24E-10	1.58E-09	9.15E-10	9.03E-10	8.19E-10	3.74E-10	3.63E-10	0.00E+00	0.00E+00	1.68E-10	3.07E-11	1.95E-10	3.00E-11	2.81E-11	4.52E-10
1517	495661.06	3858551.99	1.49E-06	1.47E-06	1.43E-06	5.17E-10	1.56E-09	9.04E-10	8.92E-10	8.09E-10	3.69E-10	3.58E-10	0.00E+00	0.00E+00	1.66E-10	3.03E-11	1.92E-10	2.96E-11	2.77E-11	4.46E-10
1518	494311.06	3858601.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	0.00E+00	0.00E+00	2.39E-10	4.35E-11	2.76E-10	4.26E-11	3.99E-11	6.41E-10
1519	494361.06	3858601.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.88E-10	4.45E-11	4.17E-11	6.70E-10
1520	494411.06	3858601.99	2.31E-06	2.28E-06	2.22E-06	8.00E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.55E-10	0.00E+00	0.00E+00	2.57E-10	4.69E-11	2.97E-10	4.59E-11	4.29E-11	6.90E-10
1521	494461.06	3858601.99	2.29E-06	2.26E-06	2.19E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.95E-10	4.54E-11	4.25E-11	6.84E-10
1522	494511.06	3858601.99	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	0.00E+00	0.00E+00	2.49E-10	4.54E-11	2.88E-10	4.44E-11	4.16E-11	6.69E-10
1523	494561.06	3858601.99	2.23E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.87E-10	4.43E-11	4.15E-11	6.67E-10
1524	494611.06	3858601.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
1525	494661.06	3858601.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.00E-11	6.44E-10
1526	494711.06	3858601.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.71E-10	4.18E-11	3.92E-11	6.30E-10
1527	494761.06	3858601.99	2.06E-06	2.04E-06	1.98E-06	7.14E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	0.00E+00	0.00E+00	2.30E-10	4.18E-11	2.65E-10	4.09E-11	3.83E-11	6.16E-10
1528	494811.06	3858601.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.58E-10	3.97E-11	3.72E-11	5.98E-10
1529	494861.06	3858601.99	1.97E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.19E-10	3.98E-11	2.53E-10	3.90E-11	3.65E-11	5.87E-10
1530	494911.06	3858601.99	1.91E-06	1.88E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.70E-10

1531	494961.06	3858601.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.40E-10	3.71E-11	3.47E-11	5.58E-10
1532	495011.06	3858601.99	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.45E-10
1533	495061.06	3858601.99	1.78E-06	1.76E-06	1.71E-06	6.18E-10	1.86E-09	1.08E-09	1.07E-09	9.66E-10	4.41E-10	4.28E-10	0.00E+00	0.00E+00	1.99E-10	3.62E-11	2.29E-10	3.54E-11	3.31E-11	5.33E-10
1534	495111.06	3858601.99	1.73E-06	1.70E-06	1.66E-06	5.98E-10	1.81E-09	1.05E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	0.00E+00	0.00E+00	1.92E-10	3.50E-11	2.22E-10	3.43E-11	3.21E-11	5.16E-10
1535	495161.06	3858601.99	1.69E-06	1.67E-06	1.62E-06	5.86E-10	1.77E-09	1.02E-09	1.01E-09	9.17E-10	4.18E-10	4.06E-10	0.00E+00	0.00E+00	1.89E-10	3.43E-11	2.18E-10	3.36E-11	3.15E-11	5.06E-10
1536	495211.06	3858601.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.74E-09	1.01E-09	9.97E-10	9.03E-10	4.12E-10	4.00E-10	0.00E+00	0.00E+00	1.86E-10	3.38E-11	2.15E-10	3.31E-11	3.10E-11	4.98E-10
1537	495261.06	3858601.99	1.64E-06	1.62E-06	1.57E-06	5.69E-10	1.72E-09	9.94E-10	9.81E-10	8.89E-10	4.06E-10	3.94E-10	0.00E+00	0.00E+00	1.83E-10	3.33E-11	2.11E-10	3.26E-11	3.05E-11	4.90E-10
1538	495311.06	3858601.99	1.62E-06	1.60E-06	1.55E-06	5.61E-10	1.69E-09	9.81E-10	9.68E-10	8.77E-10	4.00E-10	3.89E-10	0.00E+00	0.00E+00	1.80E-10	3.29E-11	2.08E-10	3.21E-11	3.01E-11	4.84E-10
1539	495361.06	3858601.99	1.61E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	0.00E+00	0.00E+00	1.79E-10	3.25E-11	2.06E-10	3.18E-11	2.98E-11	4.79E-10
1540	495411.06	3858601.99	1.59E-06	1.57E-06	1.52E-06	5.50E-10	1.66E-09	9.62E-10	9.50E-10	8.61E-10	3.93E-10	3.81E-10	0.00E+00	0.00E+00	1.77E-10	3.22E-11	2.05E-10	3.15E-11	2.95E-11	4.75E-10
1541	495461.06	3858601.99	1.58E-06	1.56E-06	1.51E-06	5.46E-10	1.65E-09	9.54E-10	9.42E-10	8.54E-10	3.89E-10	3.78E-10	0.00E+00	0.00E+00	1.76E-10	3.20E-11	2.03E-10	3.13E-11	2.93E-11	4.71E-10
1542	495511.06	3858601.99	1.56E-06	1.54E-06	1.49E-06	5.39E-10	1.63E-09	9.41E-10	9.29E-10	8.42E-10	3.84E-10	3.73E-10	0.00E+00	0.00E+00	1.73E-10	3.15E-11	2.00E-10	3.09E-11	2.89E-11	4.65E-10
1543	495561.06	3858601.99	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.35E-10	9.23E-10	8.37E-10	3.82E-10	3.71E-10	0.00E+00	0.00E+00	1.72E-10	3.13E-11	1.99E-10	3.07E-11	2.87E-11	4.62E-10
1544	495611.06	3858601.99	1.52E-06	1.50E-06	1.46E-06	5.27E-10	1.59E-09	9.21E-10	9.09E-10	8.24E-10	3.76E-10	3.65E-10	0.00E+00	0.00E+00	1.69E-10	3.09E-11	1.96E-10	3.02E-11	2.83E-11	4.55E-10
1545	495661.06	3858601.99	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.14E-10	9.02E-10	8.18E-10	3.73E-10	3.62E-10	0.00E+00	0.00E+00	1.68E-10	3.06E-11	1.94E-10	3.00E-11	2.81E-11	4.51E-10
1546	494311.06	3858651.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
1547	494361.06	3858651.99	2.20E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.29E-10	0.00E+00	0.00E+00	2.45E-10	4.47E-11	2.83E-10	4.37E-11	4.09E-11	6.58E-10
1548	494411.06	3858651.99	2.32E-06	2.29E-06	2.22E-06	8.03E-10	2.42E-09	1.40E-09	1.38E-09	1.26E-09	5.73E-10	5.56E-10	0.00E+00	0.00E+00	2.58E-10	4.70E-11	2.98E-10	4.60E-11	4.31E-11	6.93E-10
1549	494461.06	3858651.99	2.32E-06	2.29E-06	2.22E-06	8.02E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.73E-10	5.56E-10	0.00E+00	0.00E+00	2.58E-10	4.70E-11	2.98E-10	4.60E-11	4.31E-11	6.92E-10
1550	494511.06	3858651.99	2.29E-06	2.26E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.24E-11	6.82E-10
1551	494561.06	3858651.99	2.26E-06	2.23E-06	2.17E-06	7.82E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.42E-10	0.00E+00	0.00E+00	2.52E-10	4.58E-11	2.91E-10	4.48E-11	4.20E-11	6.75E-10
1552	494611.06	3858651.99	2.23E-06	2.20E-06	2.14E-06	7.72E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.51E-10	5.35E-10	0.00E+00	0.00E+00	2.48E-10	4.52E-11	2.87E-10	4.42E-11	4.14E-11	6.66E-10
1553	494661.06	3858651.99	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.43E-11	2.81E-10	4.34E-11	4.06E-11	6.53E-10
1554	494711.06	3858651.99	2.14E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.38E-10
1555	494761.06	3858651.99	2.09E-06	2.07E-06	2.01E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.89E-11	6.25E-10
1556	494811.06	3858651.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.04E-11	3.78E-11	6.08E-10
1557	494861.06	3858651.99	1.98E-06	1.96E-06	1.90E-06	6.87E-10	2.07E-09	1.20E-09	1.19E-09	1.07E-09	4.90E-10	4.76E-10	0.00E+00	0.00E+00	2.21E-10	4.02E-11	2.55E-10	3.94E-11	3.69E-11	5.93E-10
1558	494911.06	3858651.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.83E-11	3.58E-11	5.76E-10
1559	494961.06	3858651.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.62E-10
1560	495011.06	3858651.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
1561	495061.06	3858651.99	1.80E-06	1.77E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.31E-10	3.57E-11	3.34E-11	5.37E-10
1562	495111.06	3858651.99	1.75E-06	1.73E-06	1.68E-06	6.06E-10	1.83E-09	1.06E-09	1.05E-09	9.48E-10	4.32E-10	4.20E-10	0.00E+00	0.00E+00	1.95E-10	3.55E-11	2.25E-10	3.47E-11	3.25E-11	5.23E-10
1563	495161.06	3858651.99	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.24E-10	4.12E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.41E-11	3.19E-11	5.13E-10
1564	495211.06	3858651.99	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.10E-10	4.15E-10	4.03E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.16E-10	3.33E-11	3.12E-11	5.02E-10
1565	495261.06	3858651.99	1.66E-06	1.64E-06	1.60E-06	5.76E-10	1.74E-09	1.01E-09	9.94E-10	9.01E-10	4.11E-10	3.99E-10	0.00E+00	0.00E+00	1.85E-10	3.37E-11	2.14E-10	3.30E-11	3.09E-11	4.97E-10
1566	495311.06	3858651.99	1.64E-06	1.62E-06	1.57E-06	5.69E-10	1.72E-09	9.94E-10	9.81E-10	8.89E-10	4.06E-10	3.94E-10	0.00E+00	0.00E+00	1.83E-10	3.33E-11	2.11E-10	3.26E-11	3.05E-11	4.91E-10
1567	495361.06	3858651.99	1.63E-06	1.61E-06	1.56E-06	5.63E-10	1.70E-09	9.84E-10	9.71E-10	8.81E-10	4.02E-10	3.90E-10	0.00E+00	0.00E+00	1.81E-10	3.30E-11	2.09E-10	3.23E-11	3.02E-11	4.86E-10
1568	495411.06	3858651.99	1.61E-06	1.59E-06	1.55E-06	5.59E-10	1.69E-09	9.76E-10	9.64E-10	8.74E-10	3.99E-10	3.87E-10	0.00E+00	0.00E+00	1.80E-10	3.27E-11	2.08E-10	3.20E-11	3.00E-11	4.82E-10
1569	495461.06	3858651.99	1.60E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.58E-10	8.69E-10	3.96E-10	3.85E-10	0.00E+00	0.00E+00	1.79E-10	3.25E-11	2.06E-10	3.18E-11	2.98E-11	4.79E-10
1570	495511.06	3858651.99	1.58E-06	1.56E-06	1.52E-06	5.47E-10	1.65E-09	9.57E-10	9.44E-10	8.56E-10	3.91E-10	3.79E-10	0.00E+00	0.00E+00	1.76E-10	3.21E-11	2.03E-10	3.14E-11	2.94E-11	4.72E-10
1571	495561.06	3858651.99	1.56E-06	1.54E-06	1.50E-06	5.41E-10	1.63E-09	9.45E-10	9.33E-10	8.46E-10	3.86E-10	3.75E-10	0.00E+00	0.00E+00	1.74E-10	3.17E-11	2.01E-10	3.10E-11	2.90E-11	4.67E-10
1572	495611.06	3858651.99	1.54E-06	1.52E-06	1.47E-06	5.32E-10	1.61E-09	9.30E-10	9.18E-10	8.32E-10	3.80E-10	3.69E-10	0.00E+00	0.00E+00	1.71E-10	3.12E-11	1.98E-10	3.05E-11	2.85E-11	4.59E-10
1573	495661.06	3858651.99	1.52E-06	1.50E-06	1.46E-06	5.28E-10	1.59E-09	9.23E-10	9.11E-10	8.25E-10	3.77E-10	3.66E-10	0.00E+00	0.00E+00	1.70E-10	3.09E-11	1.96E-10	3.02E-11	2.83E-11	4.55E-10
1574	494311.06	3858701.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.73E-10	4.22E-11	3.95E-11	6.35E-10
1575	494361.06	3858701.99	2.27E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.21E-11	6.76E-10
1576	494411.06	3858701.99	2.34E-06	2.31E-06	2.25E-06	8.12E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	0.00E+00	0.00E+00	2.61E-10	4.75E-11	3.02E-10	4.65E-11	4.35E-11	7.00E-10
1577	494461.06	3858701.99	2.33E-06	2.30E-06	2.23E-06	8.07E-10	2.44E-09	1.41E-09	1.39E-09	1.26E-09	5.76E-10	5.59E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	3.00E-10	4.62E-11	4.33E-11	6.96E-10
1578	494511.06	3858701.99	2.32E-06	2.29E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.55E-10	0.00E+00	0.00E+00	2.58E-10	4.69E-11	2.98E-10	4.59E-11	4.30E-11	6.91E-10
1579	494561.06	3858701.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.24E-11	6.82E-10
1580	494611.06	3858701.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.41E-11	4.13E-11	6.63E-10
1581	494661.06	3858701.99	2.21E-06	2.18E-06	2.11E-06	7.64E-10	2.31E-09	1.33E-09	1.32E-09	1.19E-09	5.45E-10	5.29E-10	0.00E+00	0.00E+00	2.46E-10	4.47E-11	2.84E-10	4.38E-11	4.10E-11	6.59E-10
1582	494711.06	3858701.99	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.88E-11	6.24E-10
1583	494761.06	3858701.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.17E-11	3.90E-11	6.27E-10

1584	494811.06	3858701.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.79E-11	6.10E-10
1585	494861.06	3858701.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.96E-10
1586	494911.06	3858701.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.52E-10	3.88E-11	3.63E-11	5.84E-10
1587	494961.06	3858701.99	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.52E-10	0.00E+00	0.00E+00	2.10E-10	3.82E-11	2.43E-10	3.74E-11	3.50E-11	5.63E-10
1588	495011.06	3858701.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.96E-10	4.54E-10	4.41E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.49E-10
1589	495061.06	3858701.99	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.33E-10	3.60E-11	3.37E-11	5.42E-10
1590	495111.06	3858701.99	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.54E-10	4.36E-10	4.23E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.27E-10	3.50E-11	3.27E-11	5.27E-10
1591	495161.06	3858701.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.04E-09	9.39E-10	4.28E-10	4.16E-10	0.00E+00	0.00E+00	1.93E-10	3.51E-11	2.23E-10	3.44E-11	3.22E-11	5.18E-10
1592	495211.06	3858701.99	1.70E-06	1.68E-06	1.63E-06	5.88E-10	1.77E-09	1.03E-09	1.01E-09	9.19E-10	4.19E-10	4.07E-10	0.00E+00	0.00E+00	1.89E-10	3.44E-11	2.18E-10	3.37E-11	3.15E-11	5.07E-10
1593	495261.06	3858701.99	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.00E-09	9.11E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.16E-10	3.34E-11	3.13E-11	5.02E-10
1594	495311.06	3858701.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.74E-09	1.01E-09	9.96E-10	9.03E-10	4.12E-10	4.00E-10	0.00E+00	0.00E+00	1.86E-10	3.38E-11	2.15E-10	3.31E-11	3.10E-11	4.98E-10
1595	495361.06	3858701.99	1.65E-06	1.63E-06	1.58E-06	5.71E-10	1.72E-09	9.98E-10	9.85E-10	8.93E-10	4.07E-10	3.96E-10	0.00E+00	0.00E+00	1.84E-10	3.34E-11	2.12E-10	3.27E-11	3.06E-11	4.93E-10
1596	495411.06	3858701.99	1.64E-06	1.62E-06	1.57E-06	5.68E-10	1.71E-09	9.92E-10	9.79E-10	8.87E-10	4.05E-10	3.93E-10	0.00E+00	0.00E+00	1.82E-10	3.32E-11	2.11E-10	3.25E-11	3.04E-11	4.90E-10
1597	495461.06	3858701.99	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.82E-10	9.70E-10	8.79E-10	4.01E-10	3.89E-10	0.00E+00	0.00E+00	1.81E-10	3.29E-11	2.09E-10	3.22E-11	3.02E-11	4.85E-10
1598	495511.06	3858701.99	1.60E-06	1.58E-06	1.54E-06	5.55E-10	1.68E-09	9.70E-10	9.58E-10	8.68E-10	3.96E-10	3.85E-10	0.00E+00	0.00E+00	1.79E-10	3.25E-11	2.06E-10	3.18E-11	2.98E-11	4.79E-10
1599	495561.06	3858701.99	1.58E-06	1.56E-06	1.52E-06	5.47E-10	1.65E-09	9.57E-10	9.44E-10	8.56E-10	3.91E-10	3.79E-10	0.00E+00	0.00E+00	1.76E-10	3.20E-11	2.03E-10	3.14E-11	2.94E-11	4.72E-10
1600	495611.06	3858701.99	1.56E-06	1.54E-06	1.49E-06	5.39E-10	1.63E-09	9.43E-10	9.31E-10	8.44E-10	3.85E-10	3.74E-10	0.00E+00	0.00E+00	1.73E-10	3.16E-11	2.00E-10	3.09E-11	2.89E-11	4.65E-10
1601	495661.06	3858701.99	1.54E-06	1.52E-06	1.48E-06	5.34E-10	1.61E-09	9.33E-10	9.21E-10	8.35E-10	3.81E-10	3.70E-10	0.00E+00	0.00E+00	1.72E-10	3.13E-11	1.98E-10	3.06E-11	2.86E-11	4.61E-10
1602	494311.06	3858751.99	2.14E-06	2.12E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	0.00E+00	0.00E+00	2.39E-10	4.34E-11	2.76E-10	4.25E-11	3.98E-11	6.40E-10
1603	494361.06	3858751.99	2.32E-06	2.29E-06	2.22E-06	8.03E-10	2.42E-09	1.40E-09	1.39E-09	1.26E-09	5.73E-10	5.56E-10	0.00E+00	0.00E+00	2.58E-10	4.70E-11	2.98E-10	4.60E-11	4.31E-11	6.93E-10
1604	494411.06	3858751.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	0.00E+00	0.00E+00	2.65E-10	4.82E-11	3.06E-10	4.72E-11	4.42E-11	7.10E-10
1605	494461.06	3858751.99	2.36E-06	2.33E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	0.00E+00	0.00E+00	2.63E-10	4.79E-11	3.04E-10	4.69E-11	4.39E-11	7.06E-10
1606	494511.06	3858751.99	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.46E-09	1.43E-09	1.41E-09	1.28E-09	5.82E-10	5.66E-10	0.00E+00	0.00E+00	2.62E-10	4.78E-11	3.03E-10	4.68E-11	4.38E-11	7.04E-10
1607	494561.06	3858751.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.89E-10
1608	494611.06	3858751.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	0.00E+00	0.00E+00	2.51E-10	4.56E-11	2.90E-10	4.47E-11	4.18E-11	6.73E-10
1609	494661.06	3858751.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.41E-11	4.13E-11	6.63E-10
1610	494711.06	3858751.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	0.00E+00	0.00E+00	2.39E-10	4.36E-11	2.76E-10	4.26E-11	3.99E-11	6.42E-10
1611	494761.06	3858751.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.33E-10
1612	494811.06	3858751.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.65E-10	4.08E-11	3.82E-11	6.15E-10
1613	494861.06	3858751.99	2.01E-06	1.98E-06	1.92E-06	6.94E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.95E-10	4.81E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.58E-10	3.98E-11	3.72E-11	5.99E-10
1614	494911.06	3858751.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.04E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.51E-10	3.86E-11	3.62E-11	5.82E-10
1615	494961.06	3858751.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10
1616	495011.06	3858751.99	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.59E-10
1617	495061.06	3858751.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.35E-10	3.63E-11	3.40E-11	5.47E-10
1618	495111.06	3858751.99	1.78E-06	1.76E-06	1.71E-06	6.17E-10	1.86E-09	1.08E-09	1.06E-09	9.65E-10	4.40E-10	4.28E-10	0.00E+00	0.00E+00	1.98E-10	3.61E-11	2.29E-10	3.54E-11	3.31E-11	5.32E-10
1619	495161.06	3858751.99	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.49E-10	4.33E-10	4.20E-10	0.00E+00	0.00E+00	1.95E-10	3.55E-11	2.25E-10	3.48E-11	3.25E-11	5.23E-10
1620	495211.06	3858751.99	1.72E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.29E-10	4.24E-10	4.12E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.40E-11	3.19E-11	5.12E-10
1621	495261.06	3858751.99	1.70E-06	1.68E-06	1.63E-06	5.88E-10	1.78E-09	1.03E-09	1.02E-09	9.20E-10	4.20E-10	4.08E-10	0.00E+00	0.00E+00	1.89E-10	3.45E-11	2.19E-10	3.37E-11	3.16E-11	5.08E-10
1622	495311.06	3858751.99	1.69E-06	1.66E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.34E-11	3.13E-11	5.03E-10
1623	495361.06	3858751.99	1.67E-06	1.65E-06	1.60E-06	5.77E-10	1.74E-09	1.01E-09	9.96E-10	9.03E-10	4.12E-10	4.00E-10	0.00E+00	0.00E+00	1.86E-10	3.38E-11	2.15E-10	3.31E-11	3.10E-11	4.98E-10
1624	495411.06	3858751.99	1.66E-06	1.64E-06	1.59E-06	5.75E-10	1.74E-09	1.00E-09	9.91E-10	8.99E-10	4.10E-10	3.98E-10	0.00E+00	0.00E+00	1.85E-10	3.37E-11	2.14E-10	3.29E-11	3.08E-11	4.96E-10
1625	495461.06	3858751.99	1.64E-06	1.62E-06	1.58E-06	5.69E-10	1.72E-09	9.95E-10	9.82E-10	8.90E-10	4.06E-10	3.94E-10	0.00E+00	0.00E+00	1.83E-10	3.33E-11	2.12E-10	3.26E-11	3.05E-11	4.91E-10
1626	495511.06	3858751.99	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.83E-10	9.70E-10	8.79E-10	4.01E-10	3.90E-10	0.00E+00	0.00E+00	1.81E-10	3.29E-11	2.09E-10	3.22E-11	3.02E-11	4.85E-10
1627	495561.06	3858751.99	1.60E-06	1.58E-06	1.54E-06	5.55E-10	1.67E-09	9.70E-10	9.57E-10	8.67E-10	3.96E-10	3.84E-10	0.00E+00	0.00E+00	1.78E-10	3.25E-11	2.06E-10	3.18E-11	2.98E-11	4.78E-10
1628	495611.06	3858751.99	1.58E-06	1.56E-06	1.51E-06	5.47E-10	1.65E-09	9.56E-10	9.44E-10	8.56E-10	3.90E-10	3.79E-10	0.00E+00	0.00E+00	1.76E-10	3.20E-11	2.03E-10	3.13E-11	2.94E-11	4.72E-10
1629	495661.06	3858751.99	1.56E-06	1.54E-06	1.50E-06	5.41E-10	1.63E-09	9.45E-10	9.33E-10	8.46E-10	3.86E-10	3.75E-10	0.00E+00	0.00E+00	1.74E-10	3.17E-11	2.01E-10	3.10E-11	2.90E-11	4.66E-10
1630	494311.06	3858801.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	0.00E+00	0.00E+00	2.46E-10	4.49E-11	2.85E-10	4.39E-11	4.11E-11	6.61E-10
1631	494361.06	3858801.99	2.36E-06	2.33E-06	2.27E-06	8.18E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	0.00E+00	0.00E+00	2.63E-10	4.79E-11	3.04E-10	4.69E-11	4.39E-11	7.06E-10
1632	494411.06	3858801.99	2.39E-06	2.36E-06	2.29E-06	8.27E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.90E-10	5.73E-10	0.00E+00	0.00E+00	2.66E-10	4.84E-11	3.07E-10	4.74E-11	4.44E-11	7.14E-10
1633	494461.06	3858801.99	2.39E-06	2.36E-06	2.30E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.74E-10	0.00E+00	0.00E+00	2.67E-10	4.85E-11	3.08E-10	4.75E-11	4.45E-11	7.15E-10
1634	494511.06	3858801.99	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	0.00E+00	0.00E+00	2.66E-10	4.85E-11	3.08E-10	4.75E-11	4.44E-11	7.14E-10
1635	494561.06	3858801.99	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.63E-10	4.80E-11	3.04E-10	4.69E-11	4.40E-11	7.07E-10
1636	494611.06	3858801.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	2.99E-10	4.62E-11	4.32E-11	6.95E-10

1637	494661.06	3858801.99	2.27E-06	2.24E-06	2.18E-06	7.86E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.44E-10	0.00E+00	0.00E+00	2.53E-10	4.60E-11	2.92E-10	4.50E-11	4.22E-11	6.78E-10
1638	494711.06	3858801.99	2.21E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.45E-10	5.29E-10	0.00E+00	0.00E+00	2.45E-10	4.47E-11	2.84E-10	4.37E-11	4.10E-11	6.59E-10
1639	494761.06	3858801.99	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.74E-10	4.23E-11	3.96E-11	6.37E-10
1640	494811.06	3858801.99	2.06E-06	2.04E-06	1.98E-06	7.14E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	0.00E+00	0.00E+00	2.30E-10	4.18E-11	2.65E-10	4.09E-11	3.83E-11	6.16E-10
1641	494861.06	3858801.99	2.02E-06	2.00E-06	1.94E-06	7.00E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	5.00E-10	4.85E-10	0.00E+00	0.00E+00	2.25E-10	4.10E-11	2.60E-10	4.01E-11	3.76E-11	6.04E-10
1642	494911.06	3858801.99	1.97E-06	1.94E-06	1.88E-06	6.81E-10	2.06E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.90E-11	3.65E-11	5.87E-10
1643	494961.06	3858801.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.47E-10	3.82E-11	3.57E-11	5.74E-10
1644	495011.06	3858801.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.61E-10
1645	495061.06	3858801.99	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.43E-11	5.52E-10
1646	495111.06	3858801.99	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.34E-11	5.37E-10
1647	495161.06	3858801.99	1.76E-06	1.73E-06	1.68E-06	6.08E-10	1.84E-09	1.06E-09	1.05E-09	9.51E-10	4.34E-10	4.21E-10	0.00E+00	0.00E+00	1.96E-10	3.56E-11	2.26E-10	3.49E-11	3.26E-11	5.25E-10
1648	495211.06	3858801.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.03E-09	9.38E-10	4.28E-10	4.16E-10	0.00E+00	0.00E+00	1.93E-10	3.51E-11	2.23E-10	3.44E-11	3.22E-11	5.17E-10
1649	495261.06	3858801.99	1.72E-06	1.69E-06	1.65E-06	5.94E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.24E-10	4.12E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.41E-11	3.19E-11	5.13E-10
1650	495311.06	3858801.99	1.71E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.23E-10	4.21E-10	4.09E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.19E-10	3.38E-11	3.17E-11	5.09E-10
1651	495361.06	3858801.99	1.69E-06	1.67E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.14E-10	4.17E-10	4.05E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.35E-11	3.14E-11	5.04E-10
1652	495411.06	3858801.99	1.69E-06	1.66E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.34E-11	3.13E-11	5.03E-10
1653	495461.06	3858801.99	1.67E-06	1.65E-06	1.60E-06	5.77E-10	1.74E-09	1.01E-09	9.96E-10	9.03E-10	4.12E-10	4.00E-10	0.00E+00	0.00E+00	1.86E-10	3.38E-11	2.15E-10	3.31E-11	3.10E-11	4.98E-10
1654	495511.06	3858801.99	1.65E-06	1.62E-06	1.58E-06	5.69E-10	1.72E-09	9.95E-10	9.82E-10	8.91E-10	4.06E-10	3.95E-10	0.00E+00	0.00E+00	1.83E-10	3.33E-11	2.12E-10	3.26E-11	3.06E-11	4.91E-10
1655	495561.06	3858801.99	1.63E-06	1.60E-06	1.56E-06	5.63E-10	1.70E-09	9.84E-10	9.71E-10	8.80E-10	4.02E-10	3.90E-10	0.00E+00	0.00E+00	1.81E-10	3.30E-11	2.09E-10	3.22E-11	3.02E-11	4.85E-10
1656	495611.06	3858801.99	1.60E-06	1.58E-06	1.53E-06	5.54E-10	1.67E-09	9.68E-10	9.55E-10	8.66E-10	3.95E-10	3.84E-10	0.00E+00	0.00E+00	1.78E-10	3.24E-11	2.06E-10	3.17E-11	2.97E-11	4.78E-10
1657	495661.06	3858801.99	1.58E-06	1.56E-06	1.52E-06	5.48E-10	1.66E-09	9.58E-10	9.46E-10	8.57E-10	3.91E-10	3.80E-10	0.00E+00	0.00E+00	1.76E-10	3.21E-11	2.04E-10	3.14E-11	2.94E-11	4.73E-10
1658	494311.06	3858851.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	0.00E+00	0.00E+00	2.65E-10	4.83E-11	3.06E-10	4.72E-11	4.42E-11	7.11E-10
1659	494361.06	3858851.99	2.47E-06	2.44E-06	2.37E-06	8.54E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	0.00E+00	0.00E+00	2.75E-10	5.00E-11	3.17E-10	4.90E-11	4.58E-11	7.37E-10
1660	494411.06	3858851.99	2.45E-06	2.41E-06	2.34E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.87E-10	0.00E+00	0.00E+00	2.72E-10	4.96E-11	3.15E-10	4.85E-11	4.54E-11	7.30E-10
1661	494461.06	3858851.99	2.44E-06	2.41E-06	2.34E-06	8.44E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.02E-10	5.85E-10	0.00E+00	0.00E+00	2.71E-10	4.94E-11	3.14E-10	4.84E-11	4.53E-11	7.28E-10
1662	494511.06	3858851.99	2.42E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.81E-10	0.00E+00	0.00E+00	2.70E-10	4.91E-11	3.12E-10	4.81E-11	4.50E-11	7.24E-10
1663	494561.06	3858851.99	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.91E-10	5.74E-10	0.00E+00	0.00E+00	2.66E-10	4.85E-11	3.08E-10	4.74E-11	4.44E-11	7.14E-10
1664	494611.06	3858851.99	2.34E-06	2.31E-06	2.25E-06	8.11E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	0.00E+00	0.00E+00	2.61E-10	4.75E-11	3.02E-10	4.65E-11	4.35E-11	7.00E-10
1665	494661.06	3858851.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.94E-10	4.54E-11	4.25E-11	6.83E-10
1666	494711.06	3858851.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	0.00E+00	0.00E+00	2.46E-10	4.49E-11	2.85E-10	4.39E-11	4.11E-11	6.61E-10
1667	494761.06	3858851.99	2.14E-06	2.12E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	0.00E+00	0.00E+00	2.39E-10	4.34E-11	2.76E-10	4.25E-11	3.98E-11	6.40E-10
1668	494811.06	3858851.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.87E-11	6.23E-10
1669	494861.06	3858851.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
1670	494911.06	3858851.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.56E-10	3.95E-11	3.70E-11	5.95E-10
1671	494961.06	3858851.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.04E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.51E-10	3.86E-11	3.62E-11	5.82E-10
1672	495011.06	3858851.99	1.91E-06	1.89E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
1673	495061.06	3858851.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.40E-10	3.71E-11	3.47E-11	5.58E-10
1674	495111.06	3858851.99	1.80E-06	1.78E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.32E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.31E-10	3.57E-11	3.34E-11	5.37E-10
1675	495161.06	3858851.99	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.26E-10	3.49E-11	3.27E-11	5.26E-10
1676	495211.06	3858851.99	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.50E-10	4.33E-10	4.21E-10	0.00E+00	0.00E+00	1.95E-10	3.56E-11	2.26E-10	3.48E-11	3.26E-11	5.24E-10
1677	495261.06	3858851.99	1.74E-06	1.72E-06	1.67E-06	6.02E-10	1.82E-09	1.05E-09	1.04E-09	9.41E-10	4.29E-10	4.17E-10	0.00E+00	0.00E+00	1.94E-10	3.52E-11	2.24E-10	3.45E-11	3.23E-11	5.19E-10
1678	495311.06	3858851.99	1.73E-06	1.71E-06	1.66E-06	5.99E-10	1.81E-09	1.05E-09	1.03E-09	9.36E-10	4.27E-10	4.15E-10	0.00E+00	0.00E+00	1.92E-10	3.50E-11	2.22E-10	3.43E-11	3.21E-11	5.16E-10
1679	495361.06	3858851.99	1.72E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.29E-10	4.24E-10	4.11E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.40E-11	3.19E-11	5.12E-10
1680	495411.06	3858851.99	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.21E-10	4.20E-10	4.08E-10	0.00E+00	0.00E+00	1.89E-10	3.45E-11	2.19E-10	3.38E-11	3.16E-11	5.08E-10
1681	495461.06	3858851.99	1.69E-06	1.67E-06	1.62E-06	5.85E-10	1.77E-09	1.02E-09	1.01E-09	9.15E-10	4.18E-10	4.05E-10	0.00E+00	0.00E+00	1.88E-10	3.43E-11	2.17E-10	3.35E-11	3.14E-11	5.05E-10
1682	495511.06	3858851.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.75E-09	1.01E-09	9.97E-10	9.04E-10	4.12E-10	4.01E-10	0.00E+00	0.00E+00	1.86E-10	3.38E-11	2.15E-10	3.31E-11	3.10E-11	4.99E-10
1683	495561.06	3858851.99	1.64E-06	1.62E-06	1.57E-06	5.67E-10	1.71E-09	9.92E-10	9.79E-10	8.87E-10	4.05E-10	3.93E-10	0.00E+00	0.00E+00	1.82E-10	3.32E-11	2.11E-10	3.25E-11	3.04E-11	4.89E-10
1684	495611.06	3858851.99	1.61E-06	1.59E-06	1.54E-06	5.58E-10	1.68E-09	9.75E-10	9.62E-10	8.72E-10	3.98E-10	3.87E-10	0.00E+00	0.00E+00	1.79E-10	3.27E-11	2.07E-10	3.20E-11	2.99E-11	4.81E-10
1685	495661.06	3858851.99	1.60E-06	1.58E-06	1.53E-06	5.54E-10	1.67E-09	9.68E-10	9.56E-10	8.66E-10	3.95E-10	3.84E-10	0.00E+00	0.00E+00	1.78E-10	3.24E-11	2.06E-10	3.17E-11	2.97E-11	4.78E-10
1686	494311.06	3858901.99	2.45E-06	2.41E-06	2.34E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.87E-10	0.00E+00	0.00E+00	2.72E-10	4.96E-11	3.15E-10	4.85E-11	4.54E-11	7.31E-10
1687	494361.06	3858901.99	2.51E-06	2.48E-06	2.41E-06	8.69E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	0.00E+00	0.00E+00	2.80E-10	5.09E-11	3.23E-10	4.98E-11	4.66E-11	7.50E-10
1688	494411.06	3858901.99	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.18E-10	6.01E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.22E-10	4.97E-11	4.65E-11	7.48E-10
1689	494461.06	3858901.99	2.50E-06	2.47E-06	2.40E-06	8.66E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.18E-10	6.00E-10	0.00E+00	0.00E+00	2.78E-10	5.07E-11	3.22E-10	4.96E-11	4.64E-11	7.47E-10

1690	494511.06	3858901.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	0.00E+00	0.00E+00	2.76E-10	5.03E-11	3.19E-10	4.92E-11	4.61E-11	7.41E-10
1691	494561.06	3858901.99	2.43E-06	2.40E-06	2.33E-06	8.42E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.83E-10	0.00E+00	0.00E+00	2.71E-10	4.93E-11	3.13E-10	4.82E-11	4.52E-11	7.26E-10
1692	494611.06	3858901.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.81E-10	5.65E-10	0.00E+00	0.00E+00	2.62E-10	4.77E-11	3.03E-10	4.67E-11	4.37E-11	7.03E-10
1693	494661.06	3858901.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.53E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.89E-10
1694	494711.06	3858901.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.88E-10	4.44E-11	4.16E-11	6.68E-10
1695	494761.06	3858901.99	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.18E-10	0.00E+00	0.00E+00	2.40E-10	4.38E-11	2.78E-10	4.28E-11	4.01E-11	6.45E-10
1696	494811.06	3858901.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.71E-10	4.19E-11	3.92E-11	6.30E-10
1697	494861.06	3858901.99	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.67E-10	4.11E-11	3.85E-11	6.19E-10
1698	494911.06	3858901.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.94E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.57E-10	3.97E-11	3.72E-11	5.98E-10
1699	494961.06	3858901.99	1.96E-06	1.93E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.89E-11	3.64E-11	5.85E-10
1700	495011.06	3858901.99	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.57E-11	5.74E-10
1701	495061.06	3858901.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.40E-10	3.71E-11	3.47E-11	5.58E-10
1702	495111.06	3858901.99	1.80E-06	1.77E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.31E-10	3.57E-11	3.34E-11	5.37E-10
1703	495161.06	3858901.99	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.60E-10	4.38E-10	4.25E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.52E-11	3.29E-11	5.29E-10
1704	495211.06	3858901.99	1.78E-06	1.75E-06	1.70E-06	6.15E-10	1.86E-09	1.07E-09	1.06E-09	9.62E-10	4.39E-10	4.26E-10	0.00E+00	0.00E+00	1.98E-10	3.60E-11	2.28E-10	3.52E-11	3.30E-11	5.30E-10
1705	495261.06	3858901.99	1.77E-06	1.74E-06	1.69E-06	6.11E-10	1.84E-09	1.07E-09	1.05E-09	9.55E-10	4.36E-10	4.23E-10	0.00E+00	0.00E+00	1.96E-10	3.58E-11	2.27E-10	3.50E-11	3.28E-11	5.27E-10
1706	495311.06	3858901.99	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.47E-10	4.32E-10	4.19E-10	0.00E+00	0.00E+00	1.95E-10	3.54E-11	2.25E-10	3.47E-11	3.25E-11	5.22E-10
1707	495361.06	3858901.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.04E-09	9.39E-10	4.28E-10	4.16E-10	0.00E+00	0.00E+00	1.93E-10	3.52E-11	2.23E-10	3.44E-11	3.22E-11	5.18E-10
1708	495411.06	3858901.99	1.73E-06	1.71E-06	1.66E-06	5.98E-10	1.81E-09	1.05E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	0.00E+00	0.00E+00	1.92E-10	3.50E-11	2.22E-10	3.43E-11	3.21E-11	5.16E-10
1709	495461.06	3858901.99	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.20E-10	3.39E-11	3.17E-11	5.10E-10
1710	495511.06	3858901.99	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.11E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.16E-10	3.34E-11	3.12E-11	5.02E-10
1711	495561.06	3858901.99	1.66E-06	1.64E-06	1.59E-06	5.75E-10	1.74E-09	1.00E-09	9.91E-10	8.99E-10	4.10E-10	3.98E-10	0.00E+00	0.00E+00	1.85E-10	3.37E-11	2.14E-10	3.29E-11	3.08E-11	4.96E-10
1712	495611.06	3858901.99	1.63E-06	1.61E-06	1.56E-06	5.65E-10	1.71E-09	9.88E-10	9.75E-10	8.84E-10	4.03E-10	3.92E-10	0.00E+00	0.00E+00	1.82E-10	3.31E-11	2.10E-10	3.24E-11	3.03E-11	4.87E-10
1713	495661.06	3858901.99	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.83E-10	9.70E-10	8.79E-10	4.01E-10	3.89E-10	0.00E+00	0.00E+00	1.81E-10	3.29E-11	2.09E-10	3.22E-11	3.02E-11	4.85E-10
1714	494311.06	3858951.99	2.56E-06	2.53E-06	2.46E-06	8.87E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.33E-10	6.14E-10	0.00E+00	0.00E+00	2.85E-10	5.19E-11	3.29E-10	5.08E-11	4.76E-11	7.65E-10
1715	494361.06	3858951.99	2.58E-06	2.55E-06	2.47E-06	8.93E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.19E-10	0.00E+00	0.00E+00	2.87E-10	5.23E-11	3.32E-10	5.12E-11	4.79E-11	7.71E-10
1716	494411.06	3858951.99	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	0.00E+00	0.00E+00	2.83E-10	5.15E-11	3.27E-10	5.04E-11	4.72E-11	7.59E-10
1717	494461.06	3858951.99	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	0.00E+00	0.00E+00	2.83E-10	5.15E-11	3.27E-10	5.04E-11	4.72E-11	7.59E-10
1718	494511.06	3858951.99	2.51E-06	2.48E-06	2.41E-06	8.69E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	0.00E+00	0.00E+00	2.79E-10	5.09E-11	3.23E-10	4.98E-11	4.66E-11	7.49E-10
1719	494561.06	3858951.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.99E-11	3.16E-10	4.88E-11	4.57E-11	7.35E-10
1720	494611.06	3858951.99	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.91E-10	5.74E-10	0.00E+00	0.00E+00	2.66E-10	4.85E-11	3.08E-10	4.74E-11	4.44E-11	7.14E-10
1721	494661.06	3858951.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	3.00E-10	4.62E-11	4.33E-11	6.96E-10
1722	494711.06	3858951.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.46E-11	4.17E-11	6.71E-10
1723	494761.06	3858951.99	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	0.00E+00	0.00E+00	2.43E-10	4.43E-11	2.81E-10	4.34E-11	4.06E-11	6.53E-10
1724	494811.06	3858951.99	2.14E-06	2.11E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	0.00E+00	0.00E+00	2.38E-10	4.34E-11	2.76E-10	4.25E-11	3.98E-11	6.40E-10
1725	494861.06	3858951.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.19E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.16E-11	3.90E-11	6.27E-10
1726	494911.06	3858951.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.13E-09	1.24E-09	1.22E-09	1.11E-09	5.04E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.79E-11	6.10E-10
1727	494961.06	3858951.99	2.01E-06	1.98E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	0.00E+00	0.00E+00	2.24E-10	4.07E-11	2.58E-10	3.99E-11	3.73E-11	6.00E-10
1728	495011.06	3858951.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.82E-11	3.58E-11	5.76E-10
1729	495061.06	3858951.99	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	0.00E+00	0.00E+00	2.06E-10	3.76E-11	2.39E-10	3.68E-11	3.44E-11	5.54E-10
1730	495111.06	3858951.99	1.80E-06	1.78E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.31E-10	3.57E-11	3.34E-11	5.37E-10
1731	495161.06	3858951.99	1.81E-06	1.79E-06	1.74E-06	6.27E-10	1.89E-09	1.10E-09	1.08E-09	9.81E-10	4.48E-10	4.35E-10	0.00E+00	0.00E+00	2.02E-10	3.67E-11	2.33E-10	3.59E-11	3.37E-11	5.41E-10
1732	495211.06	3858951.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.01E-10	3.65E-11	2.32E-10	3.57E-11	3.35E-11	5.38E-10
1733	495261.06	3858951.99	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.42E-10	4.30E-10	0.00E+00	0.00E+00	1.99E-10	3.63E-11	2.30E-10	3.55E-11	3.33E-11	5.35E-10
1734	495311.06	3858951.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.26E-10	3.49E-11	3.27E-11	5.26E-10
1735	495361.06	3858951.99	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.49E-10	4.33E-10	4.20E-10	0.00E+00	0.00E+00	1.95E-10	3.55E-11	2.25E-10	3.48E-11	3.26E-11	5.23E-10
1736	495411.06	3858951.99	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.47E-10	4.32E-10	4.19E-10	0.00E+00	0.00E+00	1.95E-10	3.54E-11	2.25E-10	3.47E-11	3.25E-11	5.22E-10
1737	495461.06	3858951.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.03E-09	9.38E-10	4.28E-10	4.15E-10	0.00E+00	0.00E+00	1.93E-10	3.51E-11	2.23E-10	3.44E-11	3.22E-11	5.17E-10
1738	495511.06	3858951.99	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.26E-10	4.13E-10	0.00E+00	0.00E+00	1.92E-10	3.49E-11	2.22E-10	3.42E-11	3.20E-11	5.15E-10
1739	495561.06	3858951.99	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.11E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.16E-10	3.34E-11	3.13E-11	5.03E-10
1740	495611.06	3858951.99	1.66E-06	1.64E-06	1.59E-06	5.74E-10	1.73E-09	1.00E-09	9.90E-10	8.97E-10	4.09E-10	3.98E-10	0.00E+00	0.00E+00	1.85E-10	3.36E-11	2.13E-10	3.29E-11	3.08E-11	4.95E-10
1741	495661.06	3858951.99	1.65E-06	1.63E-06	1.58E-06	5.71E-10	1.72E-09	9.98E-10	9.85E-10	8.93E-10	4.08E-10	3.96E-10	0.00E+00	0.00E+00	1.84E-10	3.34E-11	2.12E-10	3.27E-11	3.06E-11	4.93E-10
1742	494311.06	3859001.99	2.64E-06	2.61E-06	2.53E-06	9.14E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.52E-10	6.33E-10	0.00E+00	0.00E+00	2.94E-10	5.35E-11	3.40E-10	5.24E-11	4.91E-11	7.89E-10

1743	494361.06	3859001.99	2.63E-06	2.59E-06	2.52E-06	9.09E-10	2.74E-09	1.59E-09	1.57E-09	1.42E-09	6.48E-10	6.30E-10	0.00E+00	0.00E+00	2.92E-10	5.32E-11	3.38E-10	5.21E-11	4.88E-11	7.84E-10
1744	494411.06	3859001.99	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	0.00E+00	0.00E+00	2.90E-10	5.29E-11	3.35E-10	5.17E-11	4.84E-11	7.79E-10
1745	494461.06	3859001.99	2.58E-06	2.55E-06	2.47E-06	8.93E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.19E-10	0.00E+00	0.00E+00	2.87E-10	5.23E-11	3.32E-10	5.12E-11	4.79E-11	7.70E-10
1746	494511.06	3859001.99	2.55E-06	2.52E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.11E-10	0.00E+00	0.00E+00	2.84E-10	5.17E-11	3.28E-10	5.06E-11	4.73E-11	7.61E-10
1747	494561.06	3859001.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	0.00E+00	0.00E+00	2.76E-10	5.03E-11	3.19E-10	4.92E-11	4.61E-11	7.41E-10
1748	494611.06	3859001.99	2.42E-06	2.39E-06	2.32E-06	8.37E-10	2.53E-09	1.46E-09	1.44E-09	1.31E-09	5.97E-10	5.80E-10	0.00E+00	0.00E+00	2.69E-10	4.90E-11	3.11E-10	4.80E-11	4.49E-11	7.22E-10
1749	494661.06	3859001.99	2.35E-06	2.32E-06	2.25E-06	8.12E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.80E-10	5.63E-10	0.00E+00	0.00E+00	2.61E-10	4.76E-11	3.02E-10	4.65E-11	4.36E-11	7.01E-10
1750	494711.06	3859001.99	2.26E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.21E-11	6.76E-10
1751	494761.06	3859001.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	0.00E+00	0.00E+00	2.46E-10	4.49E-11	2.85E-10	4.39E-11	4.11E-11	6.61E-10
1752	494811.06	3859001.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
1753	494861.06	3859001.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.74E-10	4.22E-11	3.95E-11	6.35E-10
1754	494911.06	3859001.99	2.07E-06	2.05E-06	1.99E-06	7.17E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.67E-10	4.11E-11	3.85E-11	6.19E-10
1755	494961.06	3859001.99	2.02E-06	1.99E-06	1.93E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	0.00E+00	0.00E+00	2.25E-10	4.09E-11	2.60E-10	4.00E-11	3.75E-11	6.03E-10
1756	495011.06	3859001.99	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.43E-10	3.75E-11	3.51E-11	5.65E-10
1757	495061.06	3859001.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	0.00E+00	0.00E+00	2.07E-10	3.78E-11	2.40E-10	3.69E-11	3.46E-11	5.56E-10
1758	495111.06	3859001.99	1.81E-06	1.79E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	0.00E+00	0.00E+00	2.01E-10	3.67E-11	2.33E-10	3.59E-11	3.36E-11	5.40E-10
1759	495161.06	3859001.99	1.84E-06	1.81E-06	1.76E-06	6.36E-10	1.92E-09	1.11E-09	1.10E-09	9.95E-10	4.54E-10	4.41E-10	0.00E+00	0.00E+00	2.05E-10	3.72E-11	2.36E-10	3.64E-11	3.41E-11	5.49E-10
1760	495211.06	3859001.99	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.86E-10	4.50E-10	4.37E-10	0.00E+00	0.00E+00	2.03E-10	3.69E-11	2.34E-10	3.61E-11	3.38E-11	5.44E-10
1761	495261.06	3859001.99	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.89E-09	1.10E-09	1.08E-09	9.81E-10	4.48E-10	4.35E-10	0.00E+00	0.00E+00	2.02E-10	3.67E-11	2.33E-10	3.60E-11	3.37E-11	5.41E-10
1762	495311.06	3859001.99	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.87E-09	1.09E-09	1.07E-09	9.71E-10	4.43E-10	4.30E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.33E-11	5.36E-10
1763	495361.06	3859001.99	1.79E-06	1.76E-06	1.71E-06	6.18E-10	1.87E-09	1.08E-09	1.07E-09	9.66E-10	4.41E-10	4.28E-10	0.00E+00	0.00E+00	1.99E-10	3.62E-11	2.30E-10	3.54E-11	3.32E-11	5.33E-10
1764	495411.06	3859001.99	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.51E-11	3.29E-11	5.29E-10
1765	495461.06	3859001.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.26E-10	3.49E-11	3.27E-11	5.26E-10
1766	495511.06	3859001.99	1.73E-06	1.70E-06	1.66E-06	5.98E-10	1.81E-09	1.05E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	0.00E+00	0.00E+00	1.92E-10	3.50E-11	2.22E-10	3.43E-11	3.21E-11	5.16E-10
1767	495561.06	3859001.99	1.71E-06	1.68E-06	1.64E-06	5.91E-10	1.78E-09	1.03E-09	1.02E-09	9.24E-10	4.21E-10	4.09E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.19E-10	3.38E-11	3.17E-11	5.09E-10
1768	495611.06	3859001.99	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.11E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.16E-10	3.34E-11	3.13E-11	5.03E-10
1769	495661.06	3859001.99	1.69E-06	1.67E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.14E-10	4.17E-10	4.05E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.35E-11	3.13E-11	5.04E-10
1770	494311.06	3859051.99	2.70E-06	2.66E-06	2.58E-06	9.34E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.66E-10	6.47E-10	0.00E+00	0.00E+00	3.00E-10	5.47E-11	3.47E-10	5.35E-11	5.01E-11	8.05E-10
1771	494361.06	3859051.99	2.69E-06	2.65E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.64E-10	6.45E-10	0.00E+00	0.00E+00	2.99E-10	5.45E-11	3.46E-10	5.34E-11	5.00E-11	8.03E-10
1772	494411.06	3859051.99	2.65E-06	2.62E-06	2.54E-06	9.17E-10	2.77E-09	1.60E-09	1.58E-09	1.43E-09	6.55E-10	6.36E-10	0.00E+00	0.00E+00	2.95E-10	5.37E-11	3.41E-10	5.26E-11	4.92E-11	7.91E-10
1773	494461.06	3859051.99	2.60E-06	2.57E-06	2.50E-06	9.01E-10	2.72E-09	1.58E-09	1.56E-09	1.41E-09	6.43E-10	6.25E-10	0.00E+00	0.00E+00	2.90E-10	5.28E-11	3.35E-10	5.17E-11	4.84E-11	7.78E-10
1774	494511.06	3859051.99	2.55E-06	2.51E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.29E-10	6.11E-10	0.00E+00	0.00E+00	2.84E-10	5.16E-11	3.28E-10	5.05E-11	4.73E-11	7.61E-10
1775	494561.06	3859051.99	2.50E-06	2.47E-06	2.39E-06	8.65E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	0.00E+00	0.00E+00	2.78E-10	5.06E-11	3.21E-10	4.96E-11	4.64E-11	7.46E-10
1776	494611.06	3859051.99	2.43E-06	2.40E-06	2.33E-06	8.43E-10	2.55E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.84E-10	0.00E+00	0.00E+00	2.71E-10	4.94E-11	3.13E-10	4.83E-11	4.52E-11	7.27E-10
1777	494661.06	3859051.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.64E-10	4.80E-11	3.05E-10	4.70E-11	4.40E-11	7.07E-10
1778	494711.06	3859051.99	2.31E-06	2.28E-06	2.21E-06	7.98E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.53E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.28E-11	6.89E-10
1779	494761.06	3859051.99	2.24E-06	2.22E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.45E-11	4.17E-11	6.70E-10
1780	494811.06	3859051.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.28E-10	0.00E+00	0.00E+00	2.45E-10	4.46E-11	2.83E-10	4.36E-11	4.08E-11	6.57E-10
1781	494861.06	3859051.99	2.15E-06	2.13E-06	2.06E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.27E-11	4.00E-11	6.43E-10
1782	494911.06	3859051.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.33E-10	4.23E-11	2.69E-10	4.14E-11	3.88E-11	6.24E-10
1783	494961.06	3859051.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.97E-10
1784	495011.06	3859051.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.83E-11	3.59E-11	5.77E-10
1785	495061.06	3859051.99	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.74E-11	3.51E-11	5.64E-10
1786	495111.06	3859051.99	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.46E-11	5.56E-10
1787	495161.06	3859051.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.41E-10	3.71E-11	3.48E-11	5.59E-10
1788	495211.06	3859051.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
1789	495261.06	3859051.99	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
1790	495311.06	3859051.99	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.50E-10	4.37E-10	0.00E+00	0.00E+00	2.03E-10	3.69E-11	2.34E-10	3.61E-11	3.38E-11	5.44E-10
1791	495361.06	3859051.99	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	0.00E+00	0.00E+00	2.01E-10	3.66E-11	2.33E-10	3.59E-11	3.36E-11	5.40E-10
1792	495411.06	3859051.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.01E-10	3.65E-11	2.32E-10	3.57E-11	3.35E-11	5.38E-10
1793	495461.06	3859051.99	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.43E-10	4.30E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.33E-11	5.36E-10
1794	495511.06	3859051.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.26E-10	3.49E-11	3.27E-11	5.26E-10
1795	495561.06	3859051.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.03E-09	9.38E-10	4.28E-10	4.16E-10	0.00E+00	0.00E+00	1.93E-10	3.51E-11	2.23E-10	3.44E-11	3.22E-11	5.17E-10

1796	495611.06	3859051.99	1.71E-06	1.69E-06	1.64E-06	5.91E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.20E-10	3.39E-11	3.17E-11	5.10E-10
1797	495661.06	3859051.99	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.04E-09	1.02E-09	9.26E-10	4.23E-10	4.10E-10	0.00E+00	0.00E+00	1.90E-10	3.47E-11	2.20E-10	3.39E-11	3.18E-11	5.11E-10
1798	494311.06	3859101.99	2.75E-06	2.72E-06	2.64E-06	9.54E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.80E-10	6.61E-10	0.00E+00	0.00E+00	3.07E-10	5.58E-11	3.54E-10	5.46E-11	5.12E-11	8.23E-10
1799	494361.06	3859101.99	2.72E-06	2.68E-06	2.61E-06	9.41E-10	2.84E-09	1.65E-09	1.62E-09	1.47E-09	6.72E-10	6.52E-10	0.00E+00	0.00E+00	3.03E-10	5.51E-11	3.50E-10	5.39E-11	5.05E-11	8.12E-10
1800	494411.06	3859101.99	2.69E-06	2.66E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.45E-10	0.00E+00	0.00E+00	3.00E-10	5.45E-11	3.46E-10	5.34E-11	5.00E-11	8.03E-10
1801	494461.06	3859101.99	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	0.00E+00	0.00E+00	2.94E-10	5.36E-11	3.40E-10	5.24E-11	4.91E-11	7.89E-10
1802	494511.06	3859101.99	2.57E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.18E-10	0.00E+00	0.00E+00	2.87E-10	5.22E-11	3.31E-10	5.11E-11	4.78E-11	7.69E-10
1803	494561.06	3859101.99	2.52E-06	2.49E-06	2.42E-06	8.73E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.23E-10	6.05E-10	0.00E+00	0.00E+00	2.81E-10	5.11E-11	3.24E-10	5.00E-11	4.68E-11	7.53E-10
1804	494611.06	3859101.99	2.44E-06	2.41E-06	2.34E-06	8.46E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.86E-10	0.00E+00	0.00E+00	2.72E-10	4.95E-11	3.14E-10	4.85E-11	4.54E-11	7.30E-10
1805	494661.06	3859101.99	2.39E-06	2.36E-06	2.29E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	0.00E+00	0.00E+00	2.66E-10	4.85E-11	3.08E-10	4.75E-11	4.45E-11	7.15E-10
1806	494711.06	3859101.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.90E-10
1807	494761.06	3859101.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.24E-11	6.82E-10
1808	494811.06	3859101.99	2.23E-06	2.20E-06	2.14E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	0.00E+00	0.00E+00	2.48E-10	4.52E-11	2.87E-10	4.42E-11	4.14E-11	6.65E-10
1809	494861.06	3859101.99	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
1810	494911.06	3859101.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
1811	494961.06	3859101.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
1812	495011.06	3859101.99	1.92E-06	1.89E-06	1.84E-06	6.64E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.60E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.56E-11	5.73E-10
1813	495061.06	3859101.99	1.91E-06	1.89E-06	1.83E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.80E-11	3.56E-11	5.72E-10
1814	495111.06	3859101.99	1.88E-06	1.86E-06	1.81E-06	6.52E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.65E-10	4.52E-10	0.00E+00	0.00E+00	2.10E-10	3.82E-11	2.42E-10	3.74E-11	3.50E-11	5.63E-10
1815	495161.06	3859101.99	1.90E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.55E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
1816	495211.06	3859101.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.40E-10	3.71E-11	3.47E-11	5.58E-10
1817	495261.06	3859101.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	0.00E+00	0.00E+00	2.07E-10	3.78E-11	2.40E-10	3.70E-11	3.46E-11	5.56E-10
1818	495311.06	3859101.99	1.85E-06	1.82E-06	1.77E-06	6.39E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	0.00E+00	0.00E+00	2.06E-10	3.74E-11	2.38E-10	3.66E-11	3.43E-11	5.52E-10
1819	495361.06	3859101.99	1.85E-06	1.82E-06	1.77E-06	6.39E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	0.00E+00	0.00E+00	2.06E-10	3.74E-11	2.37E-10	3.66E-11	3.43E-11	5.51E-10
1820	495411.06	3859101.99	1.84E-06	1.81E-06	1.76E-06	6.35E-10	1.92E-09	1.11E-09	1.10E-09	9.94E-10	4.53E-10	4.40E-10	0.00E+00	0.00E+00	2.04E-10	3.72E-11	2.36E-10	3.64E-11	3.41E-11	5.48E-10
1821	495461.06	3859101.99	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.33E-10	3.60E-11	3.37E-11	5.41E-10
1822	495511.06	3859101.99	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.34E-11	5.37E-10
1823	495561.06	3859101.99	1.77E-06	1.75E-06	1.70E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.24E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.51E-11	3.29E-11	5.28E-10
1824	495611.06	3859101.99	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.42E-10	4.30E-10	4.18E-10	0.00E+00	0.00E+00	1.94E-10	3.53E-11	2.24E-10	3.45E-11	3.23E-11	5.20E-10
1825	495661.06	3859101.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.04E-09	9.39E-10	4.28E-10	4.16E-10	0.00E+00	0.00E+00	1.93E-10	3.52E-11	2.23E-10	3.44E-11	3.22E-11	5.18E-10
1826	494311.06	3859151.99	2.79E-06	2.75E-06	2.67E-06	9.65E-10	2.91E-09	1.69E-09	1.66E-09	1.51E-09	6.89E-10	6.69E-10	0.00E+00	0.00E+00	3.10E-10	5.65E-11	3.59E-10	5.53E-11	5.18E-11	8.32E-10
1827	494361.06	3859151.99	2.76E-06	2.73E-06	2.65E-06	9.57E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.83E-10	6.63E-10	0.00E+00	0.00E+00	3.08E-10	5.60E-11	3.55E-10	5.48E-11	5.13E-11	8.25E-10
1828	494411.06	3859151.99	2.71E-06	2.67E-06	2.60E-06	9.38E-10	2.83E-09	1.64E-09	1.62E-09	1.47E-09	6.69E-10	6.50E-10	0.00E+00	0.00E+00	3.01E-10	5.49E-11	3.48E-10	5.37E-11	5.03E-11	8.09E-10
1829	494461.06	3859151.99	2.65E-06	2.62E-06	2.54E-06	9.18E-10	2.77E-09	1.60E-09	1.58E-09	1.44E-09	6.55E-10	6.36E-10	0.00E+00	0.00E+00	2.95E-10	5.38E-11	3.41E-10	5.26E-11	4.93E-11	7.92E-10
1830	494511.06	3859151.99	2.58E-06	2.55E-06	2.47E-06	8.94E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.38E-10	6.19E-10	0.00E+00	0.00E+00	2.87E-10	5.23E-11	3.32E-10	5.12E-11	4.79E-11	7.71E-10
1831	494561.06	3859151.99	2.54E-06	2.51E-06	2.43E-06	8.79E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	0.00E+00	0.00E+00	2.83E-10	5.14E-11	3.26E-10	5.03E-11	4.71E-11	7.58E-10
1832	494611.06	3859151.99	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	0.00E+00	0.00E+00	2.75E-10	5.00E-11	3.18E-10	4.90E-11	4.59E-11	7.37E-10
1833	494661.06	3859151.99	2.42E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.81E-10	0.00E+00	0.00E+00	2.70E-10	4.91E-11	3.12E-10	4.81E-11	4.50E-11	7.24E-10
1834	494711.06	3859151.99	2.38E-06	2.35E-06	2.29E-06	8.25E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.89E-10	5.72E-10	0.00E+00	0.00E+00	2.65E-10	4.83E-11	3.07E-10	4.73E-11	4.43E-11	7.12E-10
1835	494761.06	3859151.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.53E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.89E-10
1836	494811.06	3859151.99	2.24E-06	2.21E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.45E-11	4.17E-11	6.70E-10
1837	494861.06	3859151.99	2.20E-06	2.17E-06	2.11E-06	7.62E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.44E-10	5.28E-10	0.00E+00	0.00E+00	2.45E-10	4.46E-11	2.83E-10	4.37E-11	4.09E-11	6.58E-10
1838	494911.06	3859151.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.74E-10	4.22E-11	3.95E-11	6.35E-10
1839	494961.06	3859151.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.03E-11	3.77E-11	6.06E-10
1840	495011.06	3859151.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10
1841	495061.06	3859151.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.48E-10	3.83E-11	3.59E-11	5.77E-10
1842	495111.06	3859151.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
1843	495161.06	3859151.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.47E-10	3.81E-11	3.57E-11	5.74E-10
1844	495211.06	3859151.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10
1845	495261.06	3859151.99	1.89E-06	1.87E-06	1.81E-06	6.54E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.64E-10
1846	495311.06	3859151.99	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.61E-10
1847	495361.06	3859151.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	0.00E+00	0.00E+00	2.07E-10	3.78E-11	2.40E-10	3.70E-11	3.46E-11	5.57E-10
1848	495411.06	3859151.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.41E-10	3.71E-11	3.48E-11	5.59E-10

1849	495461.06	3859151.99	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.45E-11	5.55E-10
1850	495511.06	3859151.99	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.10E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.45E-10
1851	495561.06	3859151.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.01E-10	3.65E-11	2.32E-10	3.57E-11	3.35E-11	5.38E-10
1852	495611.06	3859151.99	1.78E-06	1.76E-06	1.71E-06	6.17E-10	1.86E-09	1.08E-09	1.06E-09	9.64E-10	4.40E-10	4.27E-10	0.00E+00	0.00E+00	1.98E-10	3.61E-11	2.29E-10	3.53E-11	3.31E-11	5.32E-10
1853	495661.06	3859151.99	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.54E-10	4.35E-10	4.23E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.27E-10	3.50E-11	3.27E-11	5.26E-10
1854	494311.06	3859201.99	2.81E-06	2.77E-06	2.69E-06	9.73E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	0.00E+00	0.00E+00	3.13E-10	5.70E-11	3.62E-10	5.58E-11	5.22E-11	8.39E-10
1855	494361.06	3859201.99	2.78E-06	2.74E-06	2.66E-06	9.61E-10	2.90E-09	1.68E-09	1.66E-09	1.50E-09	6.86E-10	6.66E-10	0.00E+00	0.00E+00	3.09E-10	5.63E-11	3.57E-10	5.51E-11	5.16E-11	8.29E-10
1856	494411.06	3859201.99	2.73E-06	2.69E-06	2.62E-06	9.45E-10	2.85E-09	1.65E-09	1.63E-09	1.48E-09	6.74E-10	6.55E-10	0.00E+00	0.00E+00	3.04E-10	5.53E-11	3.51E-10	5.41E-11	5.07E-11	8.15E-10
1857	494461.06	3859201.99	2.66E-06	2.63E-06	2.55E-06	9.21E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.38E-10	0.00E+00	0.00E+00	2.96E-10	5.40E-11	3.42E-10	5.28E-11	4.94E-11	7.95E-10
1858	494511.06	3859201.99	2.62E-06	2.58E-06	2.51E-06	9.06E-10	2.73E-09	1.58E-09	1.56E-09	1.42E-09	6.46E-10	6.28E-10	0.00E+00	0.00E+00	2.91E-10	5.30E-11	3.37E-10	5.19E-11	4.86E-11	7.81E-10
1859	494561.06	3859201.99	2.54E-06	2.51E-06	2.44E-06	8.81E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	0.00E+00	0.00E+00	2.83E-10	5.16E-11	3.27E-10	5.05E-11	4.72E-11	7.60E-10
1860	494611.06	3859201.99	2.49E-06	2.45E-06	2.38E-06	8.61E-10	2.60E-09	1.50E-09	1.49E-09	1.35E-09	6.14E-10	5.97E-10	0.00E+00	0.00E+00	2.77E-10	5.04E-11	3.20E-10	4.93E-11	4.62E-11	7.43E-10
1861	494661.06	3859201.99	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.86E-10	0.00E+00	0.00E+00	2.72E-10	4.95E-11	3.14E-10	4.84E-11	4.54E-11	7.29E-10
1862	494711.06	3859201.99	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	0.00E+00	0.00E+00	2.67E-10	4.86E-11	3.08E-10	4.75E-11	4.45E-11	7.16E-10
1863	494761.06	3859201.99	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.71E-11	2.99E-10	4.61E-11	4.32E-11	6.95E-10
1864	494811.06	3859201.99	2.27E-06	2.24E-06	2.17E-06	7.85E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	0.00E+00	0.00E+00	2.52E-10	4.60E-11	2.92E-10	4.50E-11	4.21E-11	6.77E-10
1865	494861.06	3859201.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
1866	494911.06	3859201.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.20E-11	3.94E-11	6.33E-10
1867	494961.06	3859201.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.04E-11	3.78E-11	6.08E-10
1868	495011.06	3859201.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.48E-10	3.83E-11	3.59E-11	5.77E-10
1869	495061.06	3859201.99	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.18E-10	3.98E-11	2.52E-10	3.89E-11	3.65E-11	5.86E-10
1870	495111.06	3859201.99	1.96E-06	1.93E-06	1.88E-06	6.77E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.88E-11	3.63E-11	5.84E-10
1871	495161.06	3859201.99	1.95E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10
1872	495211.06	3859201.99	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.57E-11	5.73E-10
1873	495261.06	3859201.99	1.92E-06	1.89E-06	1.84E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.80E-11	3.56E-11	5.72E-10
1874	495311.06	3859201.99	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10
1875	495361.06	3859201.99	1.90E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.55E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
1876	495411.06	3859201.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	0.00E+00	0.00E+00	2.11E-10	3.85E-11	2.44E-10	3.77E-11	3.53E-11	5.67E-10
1877	495461.06	3859201.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.50E-11	5.62E-10
1878	495511.06	3859201.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.61E-10	4.47E-10	0.00E+00	0.00E+00	2.08E-10	3.78E-11	2.40E-10	3.70E-11	3.46E-11	5.57E-10
1879	495561.06	3859201.99	1.83E-06	1.81E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.35E-10	3.63E-11	3.40E-11	5.46E-10
1880	495611.06	3859201.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.89E-09	1.09E-09	1.08E-09	9.77E-10	4.46E-10	4.33E-10	0.00E+00	0.00E+00	2.01E-10	3.66E-11	2.32E-10	3.58E-11	3.35E-11	5.39E-10
1881	495661.06	3859201.99	1.79E-06	1.76E-06	1.71E-06	6.18E-10	1.87E-09	1.08E-09	1.07E-09	9.67E-10	4.41E-10	4.29E-10	0.00E+00	0.00E+00	1.99E-10	3.62E-11	2.30E-10	3.54E-11	3.32E-11	5.33E-10
1882	494311.06	3859251.99	2.83E-06	2.79E-06	2.71E-06	9.79E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	6.99E-10	6.79E-10	0.00E+00	0.00E+00	3.15E-10	5.73E-11	3.64E-10	5.61E-11	5.25E-11	8.45E-10
1883	494361.06	3859251.99	2.78E-06	2.74E-06	2.66E-06	9.62E-10	2.91E-09	1.68E-09	1.66E-09	1.50E-09	6.87E-10	6.67E-10	0.00E+00	0.00E+00	3.09E-10	5.63E-11	3.58E-10	5.51E-11	5.16E-11	8.30E-10
1884	494411.06	3859251.99	2.71E-06	2.68E-06	2.60E-06	9.39E-10	2.84E-09	1.64E-09	1.62E-09	1.47E-09	6.70E-10	6.51E-10	0.00E+00	0.00E+00	3.02E-10	5.50E-11	3.49E-10	5.38E-11	5.04E-11	8.10E-10
1885	494461.06	3859251.99	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	0.00E+00	0.00E+00	2.97E-10	5.41E-11	3.43E-10	5.29E-11	4.96E-11	7.97E-10
1886	494511.06	3859251.99	2.60E-06	2.56E-06	2.49E-06	8.99E-10	2.71E-09	1.57E-09	1.55E-09	1.41E-09	6.41E-10	6.23E-10	0.00E+00	0.00E+00	2.89E-10	5.26E-11	3.34E-10	5.15E-11	4.82E-11	7.75E-10
1887	494561.06	3859251.99	2.55E-06	2.52E-06	2.44E-06	8.83E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	0.00E+00	0.00E+00	2.84E-10	5.17E-11	3.28E-10	5.06E-11	4.74E-11	7.61E-10
1888	494611.06	3859251.99	2.49E-06	2.46E-06	2.39E-06	8.62E-10	2.60E-09	1.51E-09	1.49E-09	1.35E-09	6.15E-10	5.97E-10	0.00E+00	0.00E+00	2.77E-10	5.05E-11	3.20E-10	4.94E-11	4.62E-11	7.43E-10
1889	494661.06	3859251.99	2.46E-06	2.42E-06	2.35E-06	8.50E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.89E-10	0.00E+00	0.00E+00	2.73E-10	4.98E-11	3.16E-10	4.87E-11	4.56E-11	7.33E-10
1890	494711.06	3859251.99	2.41E-06	2.38E-06	2.31E-06	8.35E-10	2.52E-09	1.46E-09	1.44E-09	1.31E-09	5.95E-10	5.78E-10	0.00E+00	0.00E+00	2.68E-10	4.89E-11	3.10E-10	4.78E-11	4.48E-11	7.20E-10
1891	494761.06	3859251.99	2.30E-06	2.27E-06	2.21E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.25E-09	5.68E-10	5.52E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.96E-10	4.56E-11	4.27E-11	6.87E-10
1892	494811.06	3859251.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.24E-11	6.82E-10
1893	494861.06	3859251.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
1894	494911.06	3859251.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.71E-10	4.18E-11	3.92E-11	6.30E-10
1895	494961.06	3859251.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.96E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.17E-10
1896	495011.06	3859251.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.24E-10	4.09E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
1897	495061.06	3859251.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.74E-11	6.01E-10
1898	495111.06	3859251.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.56E-10	3.95E-11	3.70E-11	5.95E-10
1899	495161.06	3859251.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.55E-10	3.93E-11	3.68E-11	5.91E-10
1900	495211.06	3859251.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.52E-10	3.88E-11	3.63E-11	5.84E-10
1901	495261.06	3859251.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10

1902	495311.06	3859251.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.50E-10	3.85E-11	3.60E-11	5.80E-10
1903	495361.06	3859251.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.58E-11	5.75E-10
1904	495411.06	3859251.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.82E-11	3.58E-11	5.75E-10
1905	495461.06	3859251.99	1.91E-06	1.89E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
1906	495511.06	3859251.99	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.60E-10
1907	495561.06	3859251.99	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	0.00E+00	0.00E+00	2.06E-10	3.76E-11	2.38E-10	3.68E-11	3.44E-11	5.54E-10
1908	495611.06	3859251.99	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.50E-10	4.37E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.45E-10
1909	495661.06	3859251.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.76E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.01E-10	3.65E-11	2.32E-10	3.58E-11	3.35E-11	5.38E-10
1910	494311.06	3859301.99	2.84E-06	2.80E-06	2.72E-06	9.82E-10	2.96E-09	1.72E-09	1.69E-09	1.53E-09	7.00E-10	6.80E-10	0.00E+00	0.00E+00	3.16E-10	5.75E-11	3.65E-10	5.62E-11	5.27E-11	8.47E-10
1911	494361.06	3859301.99	2.78E-06	2.75E-06	2.67E-06	9.64E-10	2.91E-09	1.68E-09	1.66E-09	1.51E-09	6.88E-10	6.68E-10	0.00E+00	0.00E+00	3.10E-10	5.64E-11	3.58E-10	5.52E-11	5.17E-11	8.31E-10
1912	494411.06	3859301.99	2.72E-06	2.68E-06	2.61E-06	9.41E-10	2.84E-09	1.65E-09	1.62E-09	1.47E-09	6.72E-10	6.52E-10	0.00E+00	0.00E+00	3.03E-10	5.51E-11	3.50E-10	5.39E-11	5.05E-11	8.12E-10
1913	494461.06	3859301.99	2.66E-06	2.62E-06	2.54E-06	9.19E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.56E-10	6.37E-10	0.00E+00	0.00E+00	2.96E-10	5.38E-11	3.42E-10	5.27E-11	4.93E-11	7.93E-10
1914	494511.06	3859301.99	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.23E-10	0.00E+00	0.00E+00	2.89E-10	5.27E-11	3.34E-10	5.15E-11	4.83E-11	7.76E-10
1915	494561.06	3859301.99	2.55E-06	2.52E-06	2.45E-06	8.84E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.31E-10	6.13E-10	0.00E+00	0.00E+00	2.84E-10	5.18E-11	3.29E-10	5.07E-11	4.74E-11	7.63E-10
1916	494611.06	3859301.99	2.51E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.22E-10	4.97E-11	4.65E-11	7.48E-10
1917	494661.06	3859301.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.89E-10	0.00E+00	0.00E+00	2.74E-10	4.98E-11	3.16E-10	4.87E-11	4.56E-11	7.34E-10
1918	494711.06	3859301.99	2.40E-06	2.37E-06	2.30E-06	8.31E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	0.00E+00	0.00E+00	2.67E-10	4.87E-11	3.09E-10	4.76E-11	4.46E-11	7.17E-10
1919	494761.06	3859301.99	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	0.00E+00	0.00E+00	2.62E-10	4.76E-11	3.02E-10	4.66E-11	4.37E-11	7.02E-10
1920	494811.06	3859301.99	2.28E-06	2.25E-06	2.19E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.23E-11	6.81E-10
1921	494861.06	3859301.99	2.19E-06	2.16E-06	2.09E-06	7.57E-10	2.28E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	0.00E+00	0.00E+00	2.43E-10	4.43E-11	2.81E-10	4.34E-11	4.06E-11	6.53E-10
1922	494911.06	3859301.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.38E-10
1923	494961.06	3859301.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
1924	495011.06	3859301.99	2.01E-06	1.99E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.74E-11	6.01E-10
1925	495061.06	3859301.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
1926	495111.06	3859301.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.97E-10
1927	495161.06	3859301.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.94E-11	3.69E-11	5.94E-10
1928	495211.06	3859301.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.56E-10	3.95E-11	3.70E-11	5.95E-10
1929	495261.06	3859301.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.94E-11	3.69E-11	5.94E-10
1930	495311.06	3859301.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.51E-10	3.88E-11	3.63E-11	5.84E-10
1931	495361.06	3859301.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.96E-11	2.51E-10	3.87E-11	3.63E-11	5.83E-10
1932	495411.06	3859301.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.85E-11	3.61E-11	5.80E-10
1933	495461.06	3859301.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.83E-11	3.59E-11	5.77E-10
1934	495511.06	3859301.99	1.90E-06	1.88E-06	1.83E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10
1935	495561.06	3859301.99	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.45E-11	5.55E-10
1936	495611.06	3859301.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.96E-10	4.54E-10	4.41E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.49E-10
1937	495661.06	3859301.99	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.49E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.69E-11	2.34E-10	3.61E-11	3.38E-11	5.43E-10
1938	494311.06	3859351.99	2.82E-06	2.78E-06	2.70E-06	9.76E-10	2.95E-09	1.71E-09	1.68E-09	1.53E-09	6.97E-10	6.77E-10	0.00E+00	0.00E+00	3.14E-10	5.72E-11	3.63E-10	5.59E-11	5.24E-11	8.42E-10
1939	494361.06	3859351.99	2.77E-06	2.73E-06	2.66E-06	9.59E-10	2.90E-09	1.68E-09	1.65E-09	1.50E-09	6.84E-10	6.65E-10	0.00E+00	0.00E+00	3.08E-10	5.62E-11	3.56E-10	5.50E-11	5.15E-11	8.27E-10
1940	494411.06	3859351.99	2.70E-06	2.67E-06	2.59E-06	9.35E-10	2.82E-09	1.64E-09	1.61E-09	1.46E-09	6.67E-10	6.48E-10	0.00E+00	0.00E+00	3.01E-10	5.48E-11	3.48E-10	5.36E-11	5.02E-11	8.07E-10
1941	494461.06	3859351.99	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	0.00E+00	0.00E+00	2.94E-10	5.36E-11	3.40E-10	5.24E-11	4.91E-11	7.90E-10
1942	494511.06	3859351.99	2.59E-06	2.56E-06	2.48E-06	8.97E-10	2.71E-09	1.57E-09	1.55E-09	1.40E-09	6.40E-10	6.22E-10	0.00E+00	0.00E+00	2.89E-10	5.25E-11	3.33E-10	5.14E-11	4.81E-11	7.74E-10
1943	494561.06	3859351.99	2.55E-06	2.52E-06	2.45E-06	8.84E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.31E-10	6.12E-10	0.00E+00	0.00E+00	2.84E-10	5.18E-11	3.28E-10	5.06E-11	4.74E-11	7.62E-10
1944	494611.06	3859351.99	2.51E-06	2.48E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.23E-10	4.98E-11	4.66E-11	7.49E-10
1945	494661.06	3859351.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.99E-11	3.17E-10	4.88E-11	4.57E-11	7.35E-10
1946	494711.06	3859351.99	2.40E-06	2.37E-06	2.30E-06	8.31E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	0.00E+00	0.00E+00	2.67E-10	4.87E-11	3.09E-10	4.76E-11	4.46E-11	7.17E-10
1947	494761.06	3859351.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	2.99E-10	4.62E-11	4.32E-11	6.95E-10
1948	494811.06	3859351.99	2.23E-06	2.20E-06	2.14E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	0.00E+00	0.00E+00	2.48E-10	4.52E-11	2.87E-10	4.42E-11	4.14E-11	6.65E-10
1949	494861.06	3859351.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
1950	494911.06	3859351.99	2.16E-06	2.13E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	0.00E+00	0.00E+00	2.41E-10	4.38E-11	2.78E-10	4.29E-11	4.02E-11	6.46E-10
1951	494961.06	3859351.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.33E-10
1952	495011.06	3859351.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.01E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.88E-11	6.23E-10
1953	495061.06	3859351.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.17E-11	3.90E-11	6.27E-10
1954	495111.06	3859351.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.17E-10

1955	495161.06	3859351.99	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
1956	495211.06	3859351.99	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.86E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.02E-11	3.77E-11	6.05E-10
1957	495261.06	3859351.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	0.00E+00	0.00E+00	2.25E-10	4.09E-11	2.60E-10	4.01E-11	3.75E-11	6.03E-10
1958	495311.06	3859351.99	1.99E-06	1.97E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.56E-10	3.95E-11	3.70E-11	5.95E-10
1959	495361.06	3859351.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.00E-11	2.54E-10	3.92E-11	3.67E-11	5.90E-10
1960	495411.06	3859351.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.19E-10	3.98E-11	2.53E-10	3.90E-11	3.65E-11	5.87E-10
1961	495461.06	3859351.99	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.98E-11	2.52E-10	3.89E-11	3.64E-11	5.86E-10
1962	495511.06	3859351.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.47E-10	3.81E-11	3.57E-11	5.74E-10
1963	495561.06	3859351.99	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
1964	495611.06	3859351.99	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.60E-10
1965	495661.06	3859351.99	1.84E-06	1.81E-06	1.76E-06	6.36E-10	1.92E-09	1.11E-09	1.10E-09	9.94E-10	4.54E-10	4.41E-10	0.00E+00	0.00E+00	2.04E-10	3.72E-11	2.36E-10	3.64E-11	3.41E-11	5.49E-10
1966	494311.06	3859401.99	2.82E-06	2.78E-06	2.70E-06	9.75E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.96E-10	6.76E-10	0.00E+00	0.00E+00	3.14E-10	5.71E-11	3.62E-10	5.59E-11	5.23E-11	8.41E-10
1967	494361.06	3859401.99	2.75E-06	2.72E-06	2.64E-06	9.52E-10	2.88E-09	1.66E-09	1.64E-09	1.49E-09	6.80E-10	6.60E-10	0.00E+00	0.00E+00	3.06E-10	5.58E-11	3.54E-10	5.46E-11	5.11E-11	8.22E-10
1968	494411.06	3859401.99	2.68E-06	2.65E-06	2.57E-06	9.29E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.63E-10	6.44E-10	0.00E+00	0.00E+00	2.99E-10	5.44E-11	3.45E-10	5.32E-11	4.98E-11	8.01E-10
1969	494461.06	3859401.99	2.63E-06	2.60E-06	2.52E-06	9.11E-10	2.75E-09	1.59E-09	1.57E-09	1.43E-09	6.50E-10	6.31E-10	0.00E+00	0.00E+00	2.93E-10	5.34E-11	3.39E-10	5.22E-11	4.89E-11	7.86E-10
1970	494511.06	3859401.99	2.60E-06	2.56E-06	2.49E-06	8.99E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.23E-10	0.00E+00	0.00E+00	2.89E-10	5.27E-11	3.34E-10	5.15E-11	4.83E-11	7.76E-10
1971	494561.06	3859401.99	2.56E-06	2.52E-06	2.45E-06	8.85E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.32E-10	6.13E-10	0.00E+00	0.00E+00	2.85E-10	5.18E-11	3.29E-10	5.07E-11	4.75E-11	7.64E-10
1972	494611.06	3859401.99	2.51E-06	2.47E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.22E-10	4.97E-11	4.66E-11	7.49E-10
1973	494661.06	3859401.99	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.50E-09	1.48E-09	1.34E-09	6.10E-10	5.93E-10	0.00E+00	0.00E+00	2.75E-10	5.01E-11	3.18E-10	4.90E-11	4.59E-11	7.38E-10
1974	494711.06	3859401.99	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.82E-11	4.51E-11	7.25E-10
1975	494761.06	3859401.99	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	0.00E+00	0.00E+00	2.62E-10	4.76E-11	3.02E-10	4.66E-11	4.37E-11	7.02E-10
1976	494811.06	3859401.99	2.29E-06	2.26E-06	2.19E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.94E-10	4.54E-11	4.25E-11	6.84E-10
1977	494861.06	3859401.99	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
1978	494911.06	3859401.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.40E-11	2.79E-10	4.30E-11	4.03E-11	6.48E-10
1979	494961.06	3859401.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	0.00E+00	0.00E+00	2.39E-10	4.35E-11	2.76E-10	4.25E-11	3.98E-11	6.41E-10
1980	495011.06	3859401.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.74E-10	4.22E-11	3.95E-11	6.35E-10
1981	495061.06	3859401.99	2.12E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	0.00E+00	0.00E+00	2.35E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
1982	495111.06	3859401.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.20E-10
1983	495161.06	3859401.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.17E-10
1984	495211.06	3859401.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.65E-10	4.08E-11	3.82E-11	6.15E-10
1985	495261.06	3859401.99	2.04E-06	2.01E-06	1.96E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.62E-10	4.05E-11	3.79E-11	6.09E-10
1986	495311.06	3859401.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	0.00E+00	0.00E+00	2.25E-10	4.09E-11	2.60E-10	4.00E-11	3.75E-11	6.03E-10
1987	495361.06	3859401.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.24E-10	4.09E-11	2.59E-10	4.00E-11	3.75E-11	6.02E-10
1988	495411.06	3859401.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.58E-10	3.97E-11	3.72E-11	5.98E-10
1989	495461.06	3859401.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.54E-10	3.92E-11	3.67E-11	5.90E-10
1990	495511.06	3859401.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.50E-10	3.85E-11	3.61E-11	5.80E-10
1991	495561.06	3859401.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	0.00E+00	0.00E+00	2.11E-10	3.85E-11	2.44E-10	3.77E-11	3.53E-11	5.67E-10
1992	495611.06	3859401.99	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.63E-10	4.50E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.49E-11	5.60E-10
1993	495661.06	3859401.99	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.45E-10	0.00E+00	0.00E+00	2.07E-10	3.76E-11	2.39E-10	3.68E-11	3.45E-11	5.55E-10
1994	494311.06	3859451.99	2.78E-06	2.75E-06	2.67E-06	9.63E-10	2.91E-09	1.68E-09	1.66E-09	1.51E-09	6.87E-10	6.68E-10	0.00E+00	0.00E+00	3.10E-10	5.64E-11	3.58E-10	5.52E-11	5.17E-11	8.31E-10
1995	494361.06	3859451.99	2.73E-06	2.69E-06	2.61E-06	9.44E-10	2.85E-09	1.65E-09	1.63E-09	1.48E-09	6.74E-10	6.54E-10	0.00E+00	0.00E+00	3.04E-10	5.53E-11	3.51E-10	5.41E-11	5.06E-11	8.14E-10
1996	494411.06	3859451.99	2.65E-06	2.61E-06	2.54E-06	9.16E-10	2.77E-09	1.60E-09	1.58E-09	1.43E-09	6.54E-10	6.35E-10	0.00E+00	0.00E+00	2.95E-10	5.37E-11	3.40E-10	5.25E-11	4.92E-11	7.90E-10
1997	494461.06	3859451.99	2.62E-06	2.59E-06	2.51E-06	9.07E-10	2.74E-09	1.58E-09	1.56E-09	1.42E-09	6.47E-10	6.28E-10	0.00E+00	0.00E+00	2.92E-10	5.31E-11	3.37E-10	5.20E-11	4.87E-11	7.82E-10
1998	494511.06	3859451.99	2.57E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.35E-10	6.17E-10	0.00E+00	0.00E+00	2.86E-10	5.21E-11	3.31E-10	5.10E-11	4.78E-11	7.68E-10
1999	494561.06	3859451.99	2.53E-06	2.50E-06	2.43E-06	8.77E-10	2.65E-09	1.53E-09	1.51E-09	1.37E-09	6.26E-10	6.08E-10	0.00E+00	0.00E+00	2.82E-10	5.14E-11	3.26E-10	5.03E-11	4.71E-11	7.57E-10
2000	494611.06	3859451.99	2.51E-06	2.48E-06	2.41E-06	8.69E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	0.00E+00	0.00E+00	2.80E-10	5.09E-11	3.23E-10	4.98E-11	4.67E-11	7.50E-10
2001	494661.06	3859451.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	0.00E+00	0.00E+00	2.74E-10	4.99E-11	3.17E-10	4.88E-11	4.57E-11	7.35E-10
2002	494711.06	3859451.99	2.41E-06	2.38E-06	2.31E-06	8.35E-10	2.52E-09	1.46E-09	1.44E-09	1.31E-09	5.96E-10	5.79E-10	0.00E+00	0.00E+00	2.69E-10	4.89E-11	3.10E-10	4.78E-11	4.48E-11	7.20E-10
2003	494761.06	3859451.99	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	0.00E+00	0.00E+00	2.64E-10	4.81E-11	3.05E-10	4.70E-11	4.40E-11	7.08E-10
2004	494811.06	3859451.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.89E-10
2005	494861.06	3859451.99	2.26E-06	2.23E-06	2.16E-06	7.81E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	0.00E+00	0.00E+00	2.51E-10	4.57E-11	2.90E-10	4.48E-11	4.19E-11	6.74E-10
2006	494911.06	3859451.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
2007	494961.06	3859451.99	2.19E-06	2.17E-06	2.10E-06	7.60E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.45E-11	2.82E-10	4.35E-11	4.08E-11	6.55E-10

2008	495011.06	3859451.99	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.39E-11	2.79E-10	4.30E-11	4.02E-11	6.47E-10
2009	495061.06	3859451.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.38E-10
2010	495111.06	3859451.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.71E-10	4.18E-11	3.92E-11	6.30E-10
2011	495161.06	3859451.99	2.10E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	0.00E+00	0.00E+00	2.33E-10	4.25E-11	2.70E-10	4.16E-11	3.89E-11	6.26E-10
2012	495211.06	3859451.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.88E-11	6.23E-10
2013	495261.06	3859451.99	2.08E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.85E-11	6.20E-10
2014	495311.06	3859451.99	2.05E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.93E-10	0.00E+00	0.00E+00	2.29E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.13E-10
2015	495361.06	3859451.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.04E-11	3.78E-11	6.08E-10
2016	495411.06	3859451.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.74E-11	6.01E-10
2017	495461.06	3859451.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.57E-10	3.96E-11	3.71E-11	5.96E-10
2018	495511.06	3859451.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.51E-10	3.88E-11	3.63E-11	5.83E-10
2019	495561.06	3859451.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.82E-11	3.58E-11	5.76E-10
2020	495611.06	3859451.99	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.68E-10
2021	495661.06	3859451.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.62E-10
2022	494311.06	3859501.99	2.76E-06	2.72E-06	2.64E-06	9.55E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.81E-10	6.62E-10	0.00E+00	0.00E+00	3.07E-10	5.59E-11	3.55E-10	5.47E-11	5.12E-11	8.24E-10
2023	494361.06	3859501.99	2.70E-06	2.67E-06	2.59E-06	9.36E-10	2.83E-09	1.64E-09	1.62E-09	1.46E-09	6.68E-10	6.49E-10	0.00E+00	0.00E+00	3.01E-10	5.48E-11	3.48E-10	5.36E-11	5.02E-11	8.08E-10
2024	494411.06	3859501.99	2.61E-06	2.58E-06	2.50E-06	9.04E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.45E-10	6.26E-10	0.00E+00	0.00E+00	2.91E-10	5.29E-11	3.36E-10	5.18E-11	4.85E-11	7.80E-10
2025	494461.06	3859501.99	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	0.00E+00	0.00E+00	2.90E-10	5.29E-11	3.36E-10	5.17E-11	4.84E-11	7.79E-10
2026	494511.06	3859501.99	2.56E-06	2.52E-06	2.45E-06	8.86E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.32E-10	6.14E-10	0.00E+00	0.00E+00	2.85E-10	5.19E-11	3.29E-10	5.07E-11	4.75E-11	7.64E-10
2027	494561.06	3859501.99	2.52E-06	2.48E-06	2.41E-06	8.71E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	0.00E+00	0.00E+00	2.80E-10	5.10E-11	3.24E-10	4.99E-11	4.67E-11	7.51E-10
2028	494611.06	3859501.99	2.51E-06	2.48E-06	2.41E-06	8.71E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	0.00E+00	0.00E+00	2.80E-10	5.10E-11	3.23E-10	4.99E-11	4.67E-11	7.51E-10
2029	494661.06	3859501.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.99E-11	3.16E-10	4.88E-11	4.57E-11	7.35E-10
2030	494711.06	3859501.99	2.39E-06	2.36E-06	2.29E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	0.00E+00	0.00E+00	2.67E-10	4.85E-11	3.08E-10	4.75E-11	4.45E-11	7.15E-10
2031	494761.06	3859501.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	0.00E+00	0.00E+00	2.65E-10	4.83E-11	3.06E-10	4.72E-11	4.42E-11	7.11E-10
2032	494811.06	3859501.99	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.51E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.96E-10	4.56E-11	4.27E-11	6.87E-10
2033	494861.06	3859501.99	2.27E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.21E-11	6.77E-10
2034	494911.06	3859501.99	2.24E-06	2.22E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.45E-11	4.17E-11	6.70E-10
2035	494961.06	3859501.99	2.20E-06	2.17E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.28E-10	0.00E+00	0.00E+00	2.45E-10	4.47E-11	2.83E-10	4.37E-11	4.09E-11	6.58E-10
2036	495011.06	3859501.99	2.18E-06	2.16E-06	2.09E-06	7.56E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.24E-10	0.00E+00	0.00E+00	2.43E-10	4.43E-11	2.81E-10	4.33E-11	4.06E-11	6.52E-10
2037	495061.06	3859501.99	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.39E-11	2.79E-10	4.30E-11	4.02E-11	6.47E-10
2038	495111.06	3859501.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.74E-10	4.22E-11	3.95E-11	6.35E-10
2039	495161.06	3859501.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.71E-10	4.19E-11	3.92E-11	6.30E-10
2040	495211.06	3859501.99	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.71E-10	4.17E-11	3.91E-11	6.28E-10
2041	495261.06	3859501.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.87E-11	6.23E-10
2042	495311.06	3859501.99	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.67E-10	4.11E-11	3.85E-11	6.19E-10
2043	495361.06	3859501.99	2.05E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.93E-10	0.00E+00	0.00E+00	2.29E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.13E-10
2044	495411.06	3859501.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.04E-11	3.78E-11	6.08E-10
2045	495461.06	3859501.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.74E-11	6.01E-10
2046	495511.06	3859501.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.19E-10	3.98E-11	2.52E-10	3.89E-11	3.65E-11	5.86E-10
2047	495561.06	3859501.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.96E-11	2.51E-10	3.87E-11	3.63E-11	5.83E-10
2048	495611.06	3859501.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.58E-11	5.75E-10
2049	495661.06	3859501.99	1.90E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.55E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
2050	494311.06	3859551.99	2.73E-06	2.69E-06	2.61E-06	9.44E-10	2.85E-09	1.65E-09	1.63E-09	1.48E-09	6.73E-10	6.54E-10	0.00E+00	0.00E+00	3.03E-10	5.53E-11	3.51E-10	5.41E-11	5.06E-11	8.14E-10
2051	494361.06	3859551.99	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	0.00E+00	0.00E+00	2.97E-10	5.41E-11	3.43E-10	5.29E-11	4.96E-11	7.97E-10
2052	494411.06	3859551.99	2.58E-06	2.54E-06	2.47E-06	8.92E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.18E-10	0.00E+00	0.00E+00	2.87E-10	5.22E-11	3.31E-10	5.11E-11	4.79E-11	7.69E-10
2053	494461.06	3859551.99	2.59E-06	2.55E-06	2.48E-06	8.95E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.39E-10	6.20E-10	0.00E+00	0.00E+00	2.88E-10	5.24E-11	3.33E-10	5.13E-11	4.80E-11	7.72E-10
2054	494511.06	3859551.99	2.54E-06	2.51E-06	2.43E-06	8.79E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	0.00E+00	0.00E+00	2.83E-10	5.15E-11	3.27E-10	5.04E-11	4.72E-11	7.58E-10
2055	494561.06	3859551.99	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.51E-09	1.49E-09	1.36E-09	6.18E-10	6.00E-10	0.00E+00	0.00E+00	2.79E-10	5.07E-11	3.22E-10	4.97E-11	4.65E-11	7.48E-10
2056	494611.06	3859551.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.60E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.96E-10	0.00E+00	0.00E+00	2.76E-10	5.03E-11	3.19E-10	4.92E-11	4.61E-11	7.41E-10
2057	494661.06	3859551.99	2.45E-06	2.42E-06	2.35E-06	8.49E-10	2.56E-09	1.48E-09	1.46E-09	1.33E-09	6.06E-10	5.88E-10	0.00E+00	0.00E+00	2.73E-10	4.97E-11	3.15E-10	4.86E-11	4.56E-11	7.32E-10
2058	494711.06	3859551.99	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.78E-11	3.04E-10	4.68E-11	4.38E-11	7.05E-10
2059	494761.06	3859551.99	2.37E-06	2.34E-06	2.28E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.29E-09	5.87E-10	5.70E-10	0.00E+00	0.00E+00	2.64E-10	4.81E-11	3.05E-10	4.71E-11	4.41E-11	7.09E-10
2060	494811.06	3859551.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.89E-10

2061	494861.06	3859551.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.46E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.23E-11	6.80E-10
2062	494911.06	3859551.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.49E-10	4.54E-11	2.88E-10	4.45E-11	4.16E-11	6.69E-10
2063	494961.06	3859551.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.41E-11	4.13E-11	6.64E-10
2064	495011.06	3859551.99	2.21E-06	2.18E-06	2.12E-06	7.64E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.45E-10	5.30E-10	0.00E+00	0.00E+00	2.46E-10	4.48E-11	2.84E-10	4.38E-11	4.10E-11	6.59E-10
2065	495061.06	3859551.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.81E-10	4.33E-11	4.05E-11	6.51E-10
2066	495111.06	3859551.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	0.00E+00	0.00E+00	2.39E-10	4.35E-11	2.76E-10	4.26E-11	3.99E-11	6.41E-10
2067	495161.06	3859551.99	2.13E-06	2.11E-06	2.04E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.23E-11	3.96E-11	6.37E-10
2068	495211.06	3859551.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.73E-10	4.22E-11	3.95E-11	6.35E-10
2069	495261.06	3859551.99	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.14E-09	5.18E-10	5.03E-10	0.00E+00	0.00E+00	2.34E-10	4.25E-11	2.70E-10	4.16E-11	3.90E-11	6.27E-10
2070	495311.06	3859551.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.20E-10
2071	495361.06	3859551.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.18E-11	2.65E-10	4.09E-11	3.83E-11	6.15E-10
2072	495411.06	3859551.99	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.12E-10
2073	495461.06	3859551.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
2074	495511.06	3859551.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.55E-10	3.93E-11	3.68E-11	5.91E-10
2075	495561.06	3859551.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.88E-11	3.64E-11	5.85E-10
2076	495611.06	3859551.99	1.94E-06	1.91E-06	1.86E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.65E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.49E-10	3.84E-11	3.60E-11	5.78E-10
2077	495661.06	3859551.99	1.91E-06	1.88E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.70E-10
2078	494311.06	3859601.99	2.70E-06	2.66E-06	2.59E-06	9.34E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.67E-10	6.47E-10	0.00E+00	0.00E+00	3.00E-10	5.47E-11	3.47E-10	5.35E-11	5.01E-11	8.06E-10
2079	494361.06	3859601.99	2.61E-06	2.58E-06	2.50E-06	9.04E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.45E-10	6.26E-10	0.00E+00	0.00E+00	2.91E-10	5.29E-11	3.36E-10	5.18E-11	4.85E-11	7.80E-10
2080	494411.06	3859601.99	2.56E-06	2.52E-06	2.45E-06	8.85E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.32E-10	6.13E-10	0.00E+00	0.00E+00	2.85E-10	5.18E-11	3.29E-10	5.07E-11	4.75E-11	7.64E-10
2081	494461.06	3859601.99	2.56E-06	2.53E-06	2.46E-06	8.87E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.33E-10	6.14E-10	0.00E+00	0.00E+00	2.85E-10	5.19E-11	3.29E-10	5.08E-11	4.76E-11	7.65E-10
2082	494511.06	3859601.99	2.50E-06	2.47E-06	2.40E-06	8.66E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.18E-10	6.00E-10	0.00E+00	0.00E+00	2.78E-10	5.07E-11	3.22E-10	4.96E-11	4.65E-11	7.47E-10
2083	494561.06	3859601.99	2.50E-06	2.46E-06	2.39E-06	8.64E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	0.00E+00	0.00E+00	2.78E-10	5.06E-11	3.21E-10	4.95E-11	4.64E-11	7.45E-10
2084	494611.06	3859601.99	2.48E-06	2.45E-06	2.38E-06	8.58E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.12E-10	5.95E-10	0.00E+00	0.00E+00	2.76E-10	5.02E-11	3.19E-10	4.92E-11	4.60E-11	7.40E-10
2085	494661.06	3859601.99	2.41E-06	2.38E-06	2.31E-06	8.35E-10	2.52E-09	1.46E-09	1.44E-09	1.31E-09	5.96E-10	5.79E-10	0.00E+00	0.00E+00	2.69E-10	4.89E-11	3.10E-10	4.79E-11	4.48E-11	7.21E-10
2086	494711.06	3859601.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.81E-10	5.64E-10	0.00E+00	0.00E+00	2.62E-10	4.77E-11	3.03E-10	4.67E-11	4.37E-11	7.03E-10
2087	494761.06	3859601.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	0.00E+00	0.00E+00	2.65E-10	4.83E-11	3.06E-10	4.72E-11	4.42E-11	7.11E-10
2088	494811.06	3859601.99	2.32E-06	2.29E-06	2.22E-06	8.02E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.56E-10	0.00E+00	0.00E+00	2.58E-10	4.70E-11	2.98E-10	4.59E-11	4.30E-11	6.92E-10
2089	494861.06	3859601.99	2.29E-06	2.26E-06	2.20E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.95E-10	4.54E-11	4.25E-11	6.84E-10
2090	494911.06	3859601.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.88E-10	4.45E-11	4.16E-11	6.70E-10
2091	494961.06	3859601.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	0.00E+00	0.00E+00	2.50E-10	4.56E-11	2.89E-10	4.46E-11	4.17E-11	6.71E-10
2092	495011.06	3859601.99	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
2093	495061.06	3859601.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
2094	495111.06	3859601.99	2.15E-06	2.13E-06	2.06E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.27E-11	4.00E-11	6.43E-10
2095	495161.06	3859601.99	2.14E-06	2.12E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	0.00E+00	0.00E+00	2.39E-10	4.34E-11	2.76E-10	4.25E-11	3.98E-11	6.40E-10
2096	495211.06	3859601.99	2.12E-06	2.10E-06	2.03E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.34E-10
2097	495261.06	3859601.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.27E-11	2.71E-10	4.18E-11	3.92E-11	6.29E-10
2098	495311.06	3859601.99	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.25E-11	2.69E-10	4.15E-11	3.89E-11	6.26E-10
2099	495361.06	3859601.99	2.07E-06	2.05E-06	1.99E-06	7.17E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.67E-10	4.11E-11	3.85E-11	6.19E-10
2100	495411.06	3859601.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.08E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.65E-10	4.08E-11	3.82E-11	6.15E-10
2101	495461.06	3859601.99	2.02E-06	1.99E-06	1.93E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.25E-10	4.09E-11	2.60E-10	4.00E-11	3.75E-11	6.03E-10
2102	495511.06	3859601.99	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.21E-10	4.02E-11	2.55E-10	3.93E-11	3.68E-11	5.92E-10
2103	495561.06	3859601.99	1.97E-06	1.95E-06	1.89E-06	6.84E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.00E-11	2.54E-10	3.92E-11	3.67E-11	5.90E-10
2104	495611.06	3859601.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.78E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.84E-11	3.59E-11	5.77E-10
2105	495661.06	3859601.99	1.92E-06	1.89E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.57E-11	5.73E-10
2106	494311.06	3859651.99	2.65E-06	2.61E-06	2.54E-06	9.16E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.35E-10	0.00E+00	0.00E+00	2.94E-10	5.36E-11	3.40E-10	5.25E-11	4.91E-11	7.90E-10
2107	494361.06	3859651.99	2.57E-06	2.53E-06	2.46E-06	8.89E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.34E-10	6.16E-10	0.00E+00	0.00E+00	2.86E-10	5.21E-11	3.30E-10	5.09E-11	4.77E-11	7.67E-10
2108	494411.06	3859651.99	2.54E-06	2.50E-06	2.43E-06	8.78E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	0.00E+00	0.00E+00	2.82E-10	5.14E-11	3.26E-10	5.03E-11	4.71E-11	7.58E-10
2109	494461.06	3859651.99	2.54E-06	2.50E-06	2.43E-06	8.79E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	0.00E+00	0.00E+00	2.83E-10	5.14E-11	3.26E-10	5.03E-11	4.71E-11	7.58E-10
2110	494511.06	3859651.99	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.22E-10	4.97E-11	4.65E-11	7.48E-10
2111	494561.06	3859651.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	0.00E+00	0.00E+00	2.76E-10	5.03E-11	3.19E-10	4.92E-11	4.61E-11	7.41E-10
2112	494611.06	3859651.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.98E-11	3.16E-10	4.88E-11	4.57E-11	7.34E-10
2113	494661.06	3859651.99	2.39E-06	2.36E-06	2.29E-06	8.27E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.90E-10	5.73E-10	0.00E+00	0.00E+00	2.66E-10	4.84E-11	3.07E-10	4.74E-11	4.44E-11	7.14E-10

2114	494711.06	3859651.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.64E-10	4.80E-11	3.05E-10	4.70E-11	4.40E-11	7.07E-10
2115	494761.06	3859651.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.82E-10	5.65E-10	0.00E+00	0.00E+00	2.62E-10	4.77E-11	3.03E-10	4.67E-11	4.37E-11	7.03E-10
2116	494811.06	3859651.99	2.31E-06	2.28E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.55E-10	0.00E+00	0.00E+00	2.58E-10	4.69E-11	2.98E-10	4.59E-11	4.30E-11	6.91E-10
2117	494861.06	3859651.99	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	0.00E+00	0.00E+00	2.55E-10	4.65E-11	2.95E-10	4.55E-11	4.26E-11	6.85E-10
2118	494911.06	3859651.99	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.21E-11	6.76E-10
2119	494961.06	3859651.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.88E-10	4.45E-11	4.16E-11	6.70E-10
2120	495011.06	3859651.99	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
2121	495061.06	3859651.99	2.20E-06	2.17E-06	2.11E-06	7.62E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.28E-10	0.00E+00	0.00E+00	2.45E-10	4.46E-11	2.83E-10	4.36E-11	4.09E-11	6.57E-10
2122	495111.06	3859651.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.40E-11	2.79E-10	4.31E-11	4.03E-11	6.48E-10
2123	495161.06	3859651.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	0.00E+00	0.00E+00	2.39E-10	4.36E-11	2.77E-10	4.26E-11	3.99E-11	6.42E-10
2124	495211.06	3859651.99	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.23E-11	3.96E-11	6.37E-10
2125	495261.06	3859651.99	2.11E-06	2.09E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
2126	495311.06	3859651.99	2.10E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	0.00E+00	0.00E+00	2.33E-10	4.25E-11	2.69E-10	4.16E-11	3.89E-11	6.26E-10
2127	495361.06	3859651.99	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.17E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.21E-10
2128	495411.06	3859651.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.08E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.65E-10	4.08E-11	3.82E-11	6.15E-10
2129	495461.06	3859651.99	2.02E-06	1.99E-06	1.94E-06	7.00E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.85E-10	0.00E+00	0.00E+00	2.25E-10	4.10E-11	2.60E-10	4.01E-11	3.75E-11	6.03E-10
2130	495511.06	3859651.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.94E-11	3.69E-11	5.94E-10
2131	495561.06	3859651.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.20E-10	4.00E-11	2.54E-10	3.91E-11	3.66E-11	5.89E-10
2132	495611.06	3859651.99	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.51E-10	3.87E-11	3.62E-11	5.82E-10
2133	495661.06	3859651.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.57E-11	5.75E-10
2134	494311.06	3859701.99	2.55E-06	2.52E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.11E-10	0.00E+00	0.00E+00	2.84E-10	5.17E-11	3.28E-10	5.06E-11	4.73E-11	7.61E-10
2135	494361.06	3859701.99	2.51E-06	2.48E-06	2.41E-06	8.70E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	0.00E+00	0.00E+00	2.80E-10	5.10E-11	3.23E-10	4.99E-11	4.67E-11	7.51E-10
2136	494411.06	3859701.99	2.50E-06	2.47E-06	2.39E-06	8.65E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	0.00E+00	0.00E+00	2.78E-10	5.06E-11	3.21E-10	4.96E-11	4.64E-11	7.46E-10
2137	494461.06	3859701.99	2.51E-06	2.48E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.23E-10	4.98E-11	4.66E-11	7.49E-10
2138	494511.06	3859701.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	0.00E+00	0.00E+00	2.76E-10	5.03E-11	3.19E-10	4.92E-11	4.61E-11	7.41E-10
2139	494561.06	3859701.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	0.00E+00	0.00E+00	2.74E-10	4.99E-11	3.17E-10	4.88E-11	4.57E-11	7.35E-10
2140	494611.06	3859701.99	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.86E-10	0.00E+00	0.00E+00	2.72E-10	4.95E-11	3.14E-10	4.84E-11	4.53E-11	7.29E-10
2141	494661.06	3859701.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.64E-10	4.80E-11	3.05E-10	4.70E-11	4.40E-11	7.08E-10
2142	494711.06	3859701.99	2.36E-06	2.33E-06	2.26E-06	8.18E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	0.00E+00	0.00E+00	2.63E-10	4.79E-11	3.04E-10	4.69E-11	4.39E-11	7.06E-10
2143	494761.06	3859701.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	3.00E-10	4.62E-11	4.33E-11	6.96E-10
2144	494811.06	3859701.99	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	0.00E+00	0.00E+00	2.55E-10	4.65E-11	2.95E-10	4.55E-11	4.26E-11	6.85E-10
2145	494861.06	3859701.99	2.29E-06	2.26E-06	2.20E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.95E-10	4.54E-11	4.25E-11	6.84E-10
2146	494911.06	3859701.99	2.26E-06	2.23E-06	2.17E-06	7.83E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.59E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.20E-11	6.76E-10
2147	494961.06	3859701.99	2.23E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.87E-10	4.43E-11	4.15E-11	6.67E-10
2148	495011.06	3859701.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.40E-11	4.12E-11	6.63E-10
2149	495061.06	3859701.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
2150	495111.06	3859701.99	2.17E-06	2.15E-06	2.08E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.22E-10	0.00E+00	0.00E+00	2.42E-10	4.41E-11	2.80E-10	4.31E-11	4.04E-11	6.49E-10
2151	495161.06	3859701.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	0.00E+00	0.00E+00	2.39E-10	4.36E-11	2.76E-10	4.26E-11	3.99E-11	6.42E-10
2152	495211.06	3859701.99	2.12E-06	2.10E-06	2.03E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.34E-10
2153	495261.06	3859701.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
2154	495311.06	3859701.99	2.09E-06	2.06E-06	2.01E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.89E-11	6.25E-10
2155	495361.06	3859701.99	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.96E-10	0.00E+00	0.00E+00	2.30E-10	4.20E-11	2.66E-10	4.11E-11	3.84E-11	6.18E-10
2156	495411.06	3859701.99	2.04E-06	2.01E-06	1.95E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.05E-11	3.79E-11	6.09E-10
2157	495461.06	3859701.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.24E-10	4.09E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
2158	495511.06	3859701.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.20E-10	4.00E-11	2.54E-10	3.91E-11	3.66E-11	5.89E-10
2159	495561.06	3859701.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.20E-10	4.00E-11	2.54E-10	3.91E-11	3.66E-11	5.89E-10
2160	495611.06	3859701.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.96E-11	2.51E-10	3.87E-11	3.63E-11	5.83E-10
2161	495661.06	3859701.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.83E-11	3.58E-11	5.76E-10
2162	494311.06	3859751.99	2.52E-06	2.49E-06	2.42E-06	8.74E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.24E-10	6.06E-10	0.00E+00	0.00E+00	2.81E-10	5.12E-11	3.25E-10	5.01E-11	4.69E-11	7.54E-10
2163	494361.06	3859751.99	2.50E-06	2.47E-06	2.40E-06	8.65E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	0.00E+00	0.00E+00	2.78E-10	5.07E-11	3.21E-10	4.96E-11	4.64E-11	7.46E-10
2164	494411.06	3859751.99	2.47E-06	2.43E-06	2.36E-06	8.54E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.09E-10	5.92E-10	0.00E+00	0.00E+00	2.75E-10	5.00E-11	3.17E-10	4.89E-11	4.58E-11	7.37E-10
2165	494461.06	3859751.99	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	0.00E+00	0.00E+00	2.75E-10	5.00E-11	3.18E-10	4.90E-11	4.58E-11	7.37E-10
2166	494511.06	3859751.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	0.00E+00	0.00E+00	2.74E-10	4.98E-11	3.16E-10	4.88E-11	4.57E-11	7.34E-10

2167	494561.06	3859751.99	2.43E-06	2.40E-06	2.33E-06	8.43E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.84E-10	0.00E+00	0.00E+00	2.71E-10	4.94E-11	3.13E-10	4.83E-11	4.52E-11	7.27E-10
2168	494611.06	3859751.99	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.76E-10	0.00E+00	0.00E+00	2.67E-10	4.87E-11	3.09E-10	4.77E-11	4.46E-11	7.18E-10
2169	494661.06	3859751.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.81E-10	5.65E-10	0.00E+00	0.00E+00	2.62E-10	4.77E-11	3.03E-10	4.67E-11	4.37E-11	7.03E-10
2170	494711.06	3859751.99	2.35E-06	2.31E-06	2.25E-06	8.12E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.63E-10	0.00E+00	0.00E+00	2.61E-10	4.75E-11	3.02E-10	4.65E-11	4.36E-11	7.00E-10
2171	494761.06	3859751.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.72E-11	2.99E-10	4.62E-11	4.32E-11	6.95E-10
2172	494811.06	3859751.99	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.52E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.96E-10	4.56E-11	4.27E-11	6.87E-10
2173	494861.06	3859751.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.23E-11	6.81E-10
2174	494911.06	3859751.99	2.26E-06	2.23E-06	2.16E-06	7.82E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.42E-10	0.00E+00	0.00E+00	2.51E-10	4.58E-11	2.90E-10	4.48E-11	4.19E-11	6.74E-10
2175	494961.06	3859751.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.88E-10	4.44E-11	4.16E-11	6.68E-10
2176	495011.06	3859751.99	2.21E-06	2.19E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	0.00E+00	0.00E+00	2.46E-10	4.49E-11	2.85E-10	4.39E-11	4.11E-11	6.61E-10
2177	495061.06	3859751.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.46E-11	2.83E-10	4.36E-11	4.08E-11	6.57E-10
2178	495111.06	3859751.99	2.18E-06	2.15E-06	2.09E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.22E-10	0.00E+00	0.00E+00	2.42E-10	4.41E-11	2.80E-10	4.32E-11	4.04E-11	6.50E-10
2179	495161.06	3859751.99	2.15E-06	2.12E-06	2.06E-06	7.45E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	0.00E+00	0.00E+00	2.40E-10	4.36E-11	2.77E-10	4.27E-11	4.00E-11	6.43E-10
2180	495211.06	3859751.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.73E-10	4.22E-11	3.95E-11	6.35E-10
2181	495261.06	3859751.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.71E-10	4.18E-11	3.92E-11	6.30E-10
2182	495311.06	3859751.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.88E-11	6.23E-10
2183	495361.06	3859751.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.17E-10
2184	495411.06	3859751.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
2185	495461.06	3859751.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.24E-10	4.09E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
2186	495511.06	3859751.99	1.99E-06	1.96E-06	1.90E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.76E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.55E-10	3.94E-11	3.69E-11	5.93E-10
2187	495561.06	3859751.99	1.97E-06	1.94E-06	1.88E-06	6.81E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.90E-11	3.65E-11	5.87E-10
2188	495611.06	3859751.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10
2189	495661.06	3859751.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.48E-10	3.83E-11	3.59E-11	5.77E-10
2190	494311.06	3859801.99	2.50E-06	2.46E-06	2.39E-06	8.64E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	0.00E+00	0.00E+00	2.78E-10	5.06E-11	3.21E-10	4.95E-11	4.64E-11	7.46E-10
2191	494361.06	3859801.99	2.46E-06	2.43E-06	2.36E-06	8.53E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	0.00E+00	0.00E+00	2.74E-10	4.99E-11	3.17E-10	4.89E-11	4.57E-11	7.35E-10
2192	494411.06	3859801.99	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.81E-11	4.51E-11	7.25E-10
2193	494461.06	3859801.99	2.42E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.81E-11	4.50E-11	7.24E-10
2194	494511.06	3859801.99	2.43E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.81E-11	4.50E-11	7.24E-10
2195	494561.06	3859801.99	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.76E-10	0.00E+00	0.00E+00	2.68E-10	4.87E-11	3.09E-10	4.77E-11	4.46E-11	7.18E-10
2196	494611.06	3859801.99	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.79E-11	3.04E-10	4.68E-11	4.39E-11	7.05E-10
2197	494661.06	3859801.99	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.26E-09	5.77E-10	5.60E-10	0.00E+00	0.00E+00	2.60E-10	4.74E-11	3.00E-10	4.63E-11	4.34E-11	6.98E-10
2198	494711.06	3859801.99	2.31E-06	2.28E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	0.00E+00	0.00E+00	2.57E-10	4.67E-11	2.96E-10	4.57E-11	4.28E-11	6.88E-10
2199	494761.06	3859801.99	2.31E-06	2.27E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	0.00E+00	0.00E+00	2.57E-10	4.67E-11	2.96E-10	4.57E-11	4.28E-11	6.88E-10
2200	494811.06	3859801.99	2.28E-06	2.25E-06	2.19E-06	7.90E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.24E-11	6.81E-10
2201	494861.06	3859801.99	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.20E-11	6.76E-10
2202	494911.06	3859801.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.88E-10	4.44E-11	4.16E-11	6.68E-10
2203	494961.06	3859801.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
2204	495011.06	3859801.99	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
2205	495061.06	3859801.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
2206	495111.06	3859801.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.27E-11	4.00E-11	6.44E-10
2207	495161.06	3859801.99	2.13E-06	2.10E-06	2.04E-06	7.38E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.11E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.23E-11	3.96E-11	6.37E-10
2208	495211.06	3859801.99	2.12E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.07E-10	0.00E+00	0.00E+00	2.35E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
2209	495261.06	3859801.99	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.88E-11	6.25E-10
2210	495311.06	3859801.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.20E-10
2211	495361.06	3859801.99	2.05E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	0.00E+00	0.00E+00	2.29E-10	4.16E-11	2.64E-10	4.08E-11	3.82E-11	6.14E-10
2212	495411.06	3859801.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.03E-11	3.77E-11	6.06E-10
2213	495461.06	3859801.99	2.01E-06	1.98E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	0.00E+00	0.00E+00	2.24E-10	4.07E-11	2.58E-10	3.99E-11	3.73E-11	6.00E-10
2214	495511.06	3859801.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.55E-10	3.93E-11	3.68E-11	5.91E-10
2215	495561.06	3859801.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.19E-10	3.98E-11	2.52E-10	3.89E-11	3.65E-11	5.86E-10
2216	495611.06	3859801.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.51E-10	3.88E-11	3.63E-11	5.84E-10
2217	495661.06	3859801.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.82E-11	3.58E-11	5.76E-10
2218	494311.06	3859851.99	2.45E-06	2.42E-06	2.35E-06	8.49E-10	2.56E-09	1.48E-09	1.46E-09	1.33E-09	6.06E-10	5.88E-10	0.00E+00	0.00E+00	2.73E-10	4.97E-11	3.15E-10	4.87E-11	4.56E-11	7.32E-10
2219	494361.06	3859851.99	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.81E-11	4.51E-11	7.25E-10

2220	494411.06	3859851.99	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	0.00E+00	0.00E+00	2.67E-10	4.86E-11	3.08E-10	4.76E-11	4.45E-11	7.16E-10
2221	494461.06	3859851.99	2.38E-06	2.34E-06	2.28E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.29E-09	5.87E-10	5.70E-10	0.00E+00	0.00E+00	2.64E-10	4.82E-11	3.06E-10	4.71E-11	4.41E-11	7.09E-10
2222	494511.06	3859851.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.64E-10	4.80E-11	3.05E-10	4.70E-11	4.40E-11	7.07E-10
2223	494561.06	3859851.99	2.36E-06	2.33E-06	2.26E-06	8.18E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	0.00E+00	0.00E+00	2.63E-10	4.79E-11	3.04E-10	4.69E-11	4.39E-11	7.06E-10
2224	494611.06	3859851.99	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.40E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	0.00E+00	0.00E+00	2.58E-10	4.71E-11	2.99E-10	4.61E-11	4.31E-11	6.93E-10
2225	494661.06	3859851.99	2.31E-06	2.28E-06	2.21E-06	8.00E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.90E-10
2226	494711.06	3859851.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.23E-11	6.81E-10
2227	494761.06	3859851.99	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.93E-10	4.51E-11	4.23E-11	6.79E-10
2228	494811.06	3859851.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	0.00E+00	0.00E+00	2.51E-10	4.57E-11	2.90E-10	4.47E-11	4.19E-11	6.73E-10
2229	494861.06	3859851.99	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	0.00E+00	0.00E+00	2.49E-10	4.54E-11	2.88E-10	4.44E-11	4.16E-11	6.69E-10
2230	494911.06	3859851.99	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
2231	494961.06	3859851.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
2232	495011.06	3859851.99	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.22E-10	0.00E+00	0.00E+00	2.42E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.50E-10
2233	495061.06	3859851.99	2.16E-06	2.13E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	0.00E+00	0.00E+00	2.41E-10	4.38E-11	2.78E-10	4.29E-11	4.02E-11	6.46E-10
2234	495111.06	3859851.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.38E-10
2235	495161.06	3859851.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
2236	495211.06	3859851.99	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.14E-09	5.18E-10	5.03E-10	0.00E+00	0.00E+00	2.34E-10	4.25E-11	2.70E-10	4.16E-11	3.90E-11	6.27E-10
2237	495261.06	3859851.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.21E-10
2238	495311.06	3859851.99	2.06E-06	2.03E-06	1.98E-06	7.14E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.95E-10	0.00E+00	0.00E+00	2.29E-10	4.18E-11	2.65E-10	4.09E-11	3.83E-11	6.16E-10
2239	495361.06	3859851.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.80E-11	6.10E-10
2240	495411.06	3859851.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.85E-10	0.00E+00	0.00E+00	2.25E-10	4.10E-11	2.60E-10	4.01E-11	3.75E-11	6.03E-10
2241	495461.06	3859851.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.97E-10
2242	495511.06	3859851.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.20E-10	4.00E-11	2.54E-10	3.91E-11	3.66E-11	5.89E-10
2243	495561.06	3859851.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.89E-11	3.64E-11	5.85E-10
2244	495611.06	3859851.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10
2245	495661.06	3859851.99	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.57E-11	5.74E-10
2246	494311.06	3859901.99	2.41E-06	2.37E-06	2.31E-06	8.33E-10	2.51E-09	1.46E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	0.00E+00	0.00E+00	2.68E-10	4.88E-11	3.09E-10	4.77E-11	4.47E-11	7.18E-10
2247	494361.06	3859901.99	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	0.00E+00	0.00E+00	2.64E-10	4.81E-11	3.05E-10	4.70E-11	4.40E-11	7.08E-10
2248	494411.06	3859901.99	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.78E-11	3.03E-10	4.68E-11	4.38E-11	7.04E-10
2249	494461.06	3859901.99	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.78E-10	5.61E-10	0.00E+00	0.00E+00	2.60E-10	4.74E-11	3.01E-10	4.64E-11	4.34E-11	6.98E-10
2250	494511.06	3859901.99	2.32E-06	2.29E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.71E-11	2.99E-10	4.61E-11	4.32E-11	6.94E-10
2251	494561.06	3859901.99	2.32E-06	2.29E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	0.00E+00	0.00E+00	2.59E-10	4.71E-11	2.99E-10	4.61E-11	4.32E-11	6.94E-10
2252	494611.06	3859901.99	2.29E-06	2.26E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.24E-11	6.82E-10
2253	494661.06	3859901.99	2.28E-06	2.25E-06	2.19E-06	7.90E-10	2.38E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.47E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.53E-11	4.24E-11	6.81E-10
2254	494711.06	3859901.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.88E-10	4.45E-11	4.17E-11	6.70E-10
2255	494761.06	3859901.99	2.23E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.87E-10	4.43E-11	4.15E-11	6.67E-10
2256	494811.06	3859901.99	2.23E-06	2.20E-06	2.13E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	0.00E+00	0.00E+00	2.48E-10	4.51E-11	2.86E-10	4.42E-11	4.13E-11	6.65E-10
2257	494861.06	3859901.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.30E-10	0.00E+00	0.00E+00	2.46E-10	4.48E-11	2.84E-10	4.39E-11	4.11E-11	6.60E-10
2258	494911.06	3859901.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
2259	494961.06	3859901.99	2.17E-06	2.15E-06	2.08E-06	7.52E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.41E-11	2.80E-10	4.31E-11	4.04E-11	6.49E-10
2260	495011.06	3859901.99	2.15E-06	2.12E-06	2.06E-06	7.45E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.16E-10	0.00E+00	0.00E+00	2.40E-10	4.36E-11	2.77E-10	4.27E-11	4.00E-11	6.43E-10
2261	495061.06	3859901.99	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.23E-11	3.96E-11	6.37E-10
2262	495111.06	3859901.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
2263	495161.06	3859901.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.88E-11	6.24E-10
2264	495211.06	3859901.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.20E-10
2265	495261.06	3859901.99	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.13E-10
2266	495311.06	3859901.99	2.04E-06	2.01E-06	1.95E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.04E-11	3.79E-11	6.09E-10
2267	495361.06	3859901.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	0.00E+00	0.00E+00	2.25E-10	4.09E-11	2.60E-10	4.01E-11	3.75E-11	6.03E-10
2268	495411.06	3859901.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.96E-10
2269	495461.06	3859901.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.54E-10	3.92E-11	3.67E-11	5.90E-10
2270	495511.06	3859901.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.19E-10	3.98E-11	2.53E-10	3.89E-11	3.65E-11	5.86E-10
2271	495561.06	3859901.99	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.51E-10	3.87E-11	3.62E-11	5.82E-10
2272	495611.06	3859901.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.82E-11	3.58E-11	5.76E-10

2273	495661.06	3859901.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.78E-11	3.54E-11	5.69E-10
2274	494311.06	3859951.99	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.79E-11	3.04E-10	4.68E-11	4.39E-11	7.05E-10
2275	494361.06	3859951.99	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	0.00E+00	0.00E+00	2.60E-10	4.74E-11	3.01E-10	4.64E-11	4.34E-11	6.98E-10
2276	494411.06	3859951.99	2.32E-06	2.29E-06	2.22E-06	8.02E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.56E-10	0.00E+00	0.00E+00	2.58E-10	4.69E-11	2.98E-10	4.59E-11	4.30E-11	6.92E-10
2277	494461.06	3859951.99	2.30E-06	2.27E-06	2.20E-06	7.95E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.51E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.96E-10	4.56E-11	4.27E-11	6.86E-10
2278	494511.06	3859951.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	0.00E+00	0.00E+00	2.54E-10	4.63E-11	2.94E-10	4.53E-11	4.24E-11	6.82E-10
2279	494561.06	3859951.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.48E-10	0.00E+00	0.00E+00	2.55E-10	4.63E-11	2.94E-10	4.54E-11	4.25E-11	6.83E-10
2280	494611.06	3859951.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	0.00E+00	0.00E+00	2.51E-10	4.57E-11	2.90E-10	4.47E-11	4.19E-11	6.73E-10
2281	494661.06	3859951.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	0.00E+00	0.00E+00	2.50E-10	4.56E-11	2.89E-10	4.46E-11	4.18E-11	6.71E-10
2282	494711.06	3859951.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.49E-11	2.85E-10	4.40E-11	4.12E-11	6.62E-10
2283	494761.06	3859951.99	2.20E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.45E-10	5.29E-10	0.00E+00	0.00E+00	2.45E-10	4.47E-11	2.84E-10	4.37E-11	4.09E-11	6.58E-10
2284	494811.06	3859951.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.34E-11	4.07E-11	6.54E-10
2285	494861.06	3859951.99	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
2286	494911.06	3859951.99	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.01E-11	6.44E-10
2287	494961.06	3859951.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.38E-10
2288	495011.06	3859951.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	0.00E+00	0.00E+00	2.36E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.33E-10
2289	495061.06	3859951.99	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.17E-11	3.91E-11	6.28E-10
2290	495111.06	3859951.99	2.08E-06	2.05E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	0.00E+00	0.00E+00	2.32E-10	4.22E-11	2.68E-10	4.13E-11	3.87E-11	6.22E-10
2291	495161.06	3859951.99	2.06E-06	2.03E-06	1.98E-06	7.14E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.94E-10	0.00E+00	0.00E+00	2.29E-10	4.18E-11	2.65E-10	4.09E-11	3.83E-11	6.16E-10
2292	495211.06	3859951.99	2.04E-06	2.01E-06	1.96E-06	7.07E-10	2.13E-09	1.24E-09	1.22E-09	1.10E-09	5.04E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.79E-11	6.10E-10
2293	495261.06	3859951.99	2.02E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.22E-09	1.21E-09	1.10E-09	5.00E-10	4.86E-10	0.00E+00	0.00E+00	2.25E-10	4.10E-11	2.60E-10	4.01E-11	3.76E-11	6.04E-10
2294	495311.06	3859951.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.74E-11	6.01E-10
2295	495361.06	3859951.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.97E-10
2296	495411.06	3859951.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.54E-10	3.92E-11	3.67E-11	5.90E-10
2297	495461.06	3859951.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.89E-11	3.64E-11	5.85E-10
2298	495511.06	3859951.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.50E-10	3.85E-11	3.60E-11	5.79E-10
2299	495561.06	3859951.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.83E-11	3.59E-11	5.77E-10
2300	495611.06	3859951.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
2301	495661.06	3859951.99	1.89E-06	1.86E-06	1.81E-06	6.54E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.64E-10
2302	494311.06	3860001.99	2.31E-06	2.28E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.55E-10	0.00E+00	0.00E+00	2.58E-10	4.69E-11	2.98E-10	4.59E-11	4.30E-11	6.91E-10
2303	494361.06	3860001.99	2.30E-06	2.27E-06	2.20E-06	7.95E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.51E-10	0.00E+00	0.00E+00	2.56E-10	4.65E-11	2.95E-10	4.55E-11	4.26E-11	6.86E-10
2304	494411.06	3860001.99	2.27E-06	2.24E-06	2.18E-06	7.86E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.60E-11	2.92E-10	4.50E-11	4.22E-11	6.78E-10
2305	494461.06	3860001.99	2.26E-06	2.23E-06	2.16E-06	7.81E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.41E-10	0.00E+00	0.00E+00	2.51E-10	4.58E-11	2.90E-10	4.48E-11	4.19E-11	6.74E-10
2306	494511.06	3860001.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.88E-10	4.44E-11	4.15E-11	6.68E-10
2307	494561.06	3860001.99	2.24E-06	2.21E-06	2.15E-06	7.77E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.55E-11	2.89E-10	4.45E-11	4.17E-11	6.70E-10
2308	494611.06	3860001.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.86E-10	4.41E-11	4.13E-11	6.64E-10
2309	494661.06	3860001.99	2.21E-06	2.18E-06	2.12E-06	7.64E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.45E-10	5.30E-10	0.00E+00	0.00E+00	2.46E-10	4.48E-11	2.84E-10	4.38E-11	4.10E-11	6.59E-10
2310	494711.06	3860001.99	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.36E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.40E-11	2.79E-10	4.31E-11	4.03E-11	6.48E-10
2311	494761.06	3860001.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.29E-09	1.17E-09	5.36E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.40E-11	2.79E-10	4.30E-11	4.03E-11	6.48E-10
2312	494811.06	3860001.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.00E-11	6.44E-10
2313	494861.06	3860001.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	0.00E+00	0.00E+00	2.39E-10	4.35E-11	2.76E-10	4.26E-11	3.98E-11	6.41E-10
2314	494911.06	3860001.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
2315	494961.06	3860001.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.17E-11	3.90E-11	6.27E-10
2316	495011.06	3860001.99	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	0.00E+00	0.00E+00	2.32E-10	4.22E-11	2.68E-10	4.13E-11	3.87E-11	6.21E-10
2317	495061.06	3860001.99	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.97E-10	0.00E+00	0.00E+00	2.30E-10	4.20E-11	2.66E-10	4.11E-11	3.85E-11	6.18E-10
2318	495111.06	3860001.99	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.07E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.12E-10
2319	495161.06	3860001.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.12E-11	2.61E-10	4.03E-11	3.77E-11	6.07E-10
2320	495211.06	3860001.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.85E-10	0.00E+00	0.00E+00	2.25E-10	4.09E-11	2.60E-10	4.01E-11	3.75E-11	6.03E-10
2321	495261.06	3860001.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.94E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.06E-11	2.57E-10	3.97E-11	3.72E-11	5.98E-10
2322	495311.06	3860001.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.94E-11	3.69E-11	5.94E-10
2323	495361.06	3860001.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	0.00E+00	0.00E+00	2.19E-10	3.98E-11	2.53E-10	3.89E-11	3.65E-11	5.86E-10
2324	495411.06	3860001.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.51E-10	3.88E-11	3.63E-11	5.84E-10
2325	495461.06	3860001.99	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.49E-10	3.85E-11	3.60E-11	5.79E-10

2326	495511.06	3860001.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.47E-10	3.81E-11	3.57E-11	5.74E-10
2327	495561.06	3860001.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
2328	495611.06	3860001.99	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.65E-10
2329	495661.06	3860001.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	0.00E+00	0.00E+00	2.08E-10	3.80E-11	2.41E-10	3.71E-11	3.48E-11	5.59E-10
2330	494411.06	3860051.99	2.23E-06	2.20E-06	2.14E-06	7.72E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.51E-10	5.35E-10	0.00E+00	0.00E+00	2.48E-10	4.52E-11	2.87E-10	4.42E-11	4.14E-11	6.66E-10
2331	494461.06	3860051.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.31E-10	0.00E+00	0.00E+00	2.46E-10	4.48E-11	2.85E-10	4.39E-11	4.11E-11	6.61E-10
2332	494511.06	3860051.99	2.20E-06	2.17E-06	2.10E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.44E-10	4.45E-11	2.82E-10	4.36E-11	4.08E-11	6.56E-10
2333	494561.06	3860051.99	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.35E-11	4.07E-11	6.54E-10
2334	494611.06	3860051.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
2335	494661.06	3860051.99	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.39E-11	2.79E-10	4.30E-11	4.02E-11	6.47E-10
2336	494711.06	3860051.99	2.14E-06	2.11E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	0.00E+00	0.00E+00	2.39E-10	4.34E-11	2.76E-10	4.25E-11	3.98E-11	6.40E-10
2337	494761.06	3860051.99	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.22E-11	3.96E-11	6.36E-10
2338	494811.06	3860051.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.34E-10
2339	494861.06	3860051.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
2340	494911.06	3860051.99	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.89E-11	6.25E-10
2341	494961.06	3860051.99	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.66E-10	4.11E-11	3.85E-11	6.18E-10
2342	495011.06	3860051.99	2.05E-06	2.03E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.16E-11	2.64E-10	4.07E-11	3.81E-11	6.13E-10
2343	495061.06	3860051.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.04E-11	3.78E-11	6.08E-10
2344	495111.06	3860051.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	0.00E+00	0.00E+00	2.24E-10	4.09E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
2345	495161.06	3860051.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.05E-11	2.57E-10	3.97E-11	3.71E-11	5.97E-10
2346	495211.06	3860051.99	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.90E-10	4.76E-10	0.00E+00	0.00E+00	2.21E-10	4.02E-11	2.55E-10	3.93E-11	3.68E-11	5.92E-10
2347	495261.06	3860051.99	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.86E-10	4.72E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.91E-11	3.66E-11	5.88E-10
2348	495311.06	3860051.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.88E-11	3.64E-11	5.85E-10
2349	495361.06	3860051.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10
2350	495411.06	3860051.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.91E-11	2.48E-10	3.83E-11	3.58E-11	5.76E-10
2351	495461.06	3860051.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
2352	495511.06	3860051.99	1.90E-06	1.88E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	0.00E+00	0.00E+00	2.12E-10	3.85E-11	2.44E-10	3.77E-11	3.53E-11	5.68E-10
2353	495561.06	3860051.99	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.52E-10	0.00E+00	0.00E+00	2.10E-10	3.82E-11	2.43E-10	3.74E-11	3.50E-11	5.63E-10
2354	495611.06	3860051.99	1.87E-06	1.85E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.41E-10	3.71E-11	3.47E-11	5.58E-10
2355	495661.06	3860051.99	1.85E-06	1.83E-06	1.77E-06	6.41E-10	1.93E-09	1.12E-09	1.11E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.44E-11	5.53E-10
2356	494411.06	3860101.99	2.18E-06	2.15E-06	2.08E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.22E-10	0.00E+00	0.00E+00	2.42E-10	4.41E-11	2.80E-10	4.31E-11	4.04E-11	6.50E-10
2357	494461.06	3860101.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.40E-11	2.79E-10	4.30E-11	4.03E-11	6.48E-10
2358	494511.06	3860101.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.15E-10	0.00E+00	0.00E+00	2.39E-10	4.35E-11	2.76E-10	4.26E-11	3.99E-11	6.42E-10
2359	494561.06	3860101.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.75E-10	4.24E-11	3.97E-11	6.39E-10
2360	494611.06	3860101.99	2.13E-06	2.10E-06	2.04E-06	7.38E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.11E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.23E-11	3.96E-11	6.37E-10
2361	494661.06	3860101.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.33E-10
2362	494711.06	3860101.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.70E-10	4.17E-11	3.90E-11	6.27E-10
2363	494761.06	3860101.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.69E-10	4.14E-11	3.88E-11	6.24E-10
2364	494811.06	3860101.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	0.00E+00	0.00E+00	2.31E-10	4.21E-11	2.67E-10	4.12E-11	3.86E-11	6.20E-10
2365	494861.06	3860101.99	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	0.00E+00	0.00E+00	2.31E-10	4.20E-11	2.67E-10	4.11E-11	3.85E-11	6.19E-10
2366	494911.06	3860101.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.63E-10	4.06E-11	3.80E-11	6.11E-10
2367	494961.06	3860101.99	2.03E-06	2.01E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.12E-11	2.61E-10	4.03E-11	3.77E-11	6.07E-10
2368	495011.06	3860101.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	4.00E-11	3.74E-11	6.02E-10
2369	495061.06	3860101.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.97E-10
2370	495111.06	3860101.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.55E-10	3.93E-11	3.68E-11	5.91E-10
2371	495161.06	3860101.99	1.97E-06	1.94E-06	1.89E-06	6.81E-10	2.06E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.90E-11	3.65E-11	5.87E-10
2372	495211.06	3860101.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.96E-11	2.51E-10	3.87E-11	3.63E-11	5.83E-10
2373	495261.06	3860101.99	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	0.00E+00	0.00E+00	2.16E-10	3.93E-11	2.49E-10	3.84E-11	3.60E-11	5.79E-10
2374	495311.06	3860101.99	1.93E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.58E-11	5.75E-10
2375	495361.06	3860101.99	1.91E-06	1.89E-06	1.83E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.80E-11	3.56E-11	5.72E-10
2376	495411.06	3860101.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	0.00E+00	0.00E+00	2.11E-10	3.85E-11	2.44E-10	3.77E-11	3.53E-11	5.67E-10
2377	495461.06	3860101.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.62E-10
2378	495511.06	3860101.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.41E-10	3.71E-11	3.47E-11	5.59E-10

2379	495561.06	3860101.99	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.45E-11	5.55E-10
2380	495611.06	3860101.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
2381	495661.06	3860101.99	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.71E-11	2.35E-10	3.63E-11	3.39E-11	5.46E-10
2382	494861.06	3860151.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.12E-11	2.61E-10	4.03E-11	3.77E-11	6.06E-10
2383	494911.06	3860151.99	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.81E-10	0.00E+00	0.00E+00	2.23E-10	4.07E-11	2.58E-10	3.98E-11	3.73E-11	5.99E-10
2384	494961.06	3860151.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.56E-10	3.95E-11	3.70E-11	5.95E-10
2385	495011.06	3860151.99	1.98E-06	1.95E-06	1.89E-06	6.84E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	0.00E+00	0.00E+00	2.20E-10	4.01E-11	2.54E-10	3.92E-11	3.67E-11	5.90E-10
2386	495061.06	3860151.99	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.89E-11	3.64E-11	5.86E-10
2387	495111.06	3860151.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.50E-10	3.86E-11	3.62E-11	5.81E-10
2388	495161.06	3860151.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.78E-10	4.64E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.84E-11	3.59E-11	5.77E-10
2389	495211.06	3860151.99	1.92E-06	1.89E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.60E-10	0.00E+00	0.00E+00	2.14E-10	3.89E-11	2.47E-10	3.81E-11	3.57E-11	5.73E-10
2390	495261.06	3860151.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	0.00E+00	0.00E+00	2.12E-10	3.87E-11	2.45E-10	3.78E-11	3.54E-11	5.70E-10
2391	495311.06	3860151.99	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
2392	495361.06	3860151.99	1.88E-06	1.86E-06	1.80E-06	6.52E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.52E-10	0.00E+00	0.00E+00	2.10E-10	3.82E-11	2.42E-10	3.73E-11	3.50E-11	5.62E-10
2393	495411.06	3860151.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.48E-10	0.00E+00	0.00E+00	2.08E-10	3.79E-11	2.40E-10	3.71E-11	3.47E-11	5.58E-10
2394	495461.06	3860151.99	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.59E-10	4.45E-10	0.00E+00	0.00E+00	2.07E-10	3.76E-11	2.39E-10	3.68E-11	3.45E-11	5.54E-10
2395	495511.06	3860151.99	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
2396	495561.06	3860151.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.35E-10	3.63E-11	3.40E-11	5.46E-10
2397	495611.06	3860151.99	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.49E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.34E-10	3.60E-11	3.37E-11	5.42E-10
2398	495661.06	3860151.99	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.32E-10	3.57E-11	3.34E-11	5.38E-10
2399	495718.25	3859442.96	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	0.00E+00	0.00E+00	2.06E-10	3.74E-11	2.38E-10	3.66E-11	3.43E-11	5.52E-10
2400	495818.25	3859442.96	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.34E-11	5.36E-10
2401	495918.25	3859442.96	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.56E-11	2.26E-10	3.49E-11	3.27E-11	5.25E-10
2402	496018.25	3859442.96	1.73E-06	1.70E-06	1.66E-06	5.98E-10	1.81E-09	1.04E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	0.00E+00	0.00E+00	1.92E-10	3.50E-11	2.22E-10	3.43E-11	3.21E-11	5.16E-10
2403	496118.25	3859442.96	1.74E-06	1.71E-06	1.67E-06	6.01E-10	1.82E-09	1.05E-09	1.04E-09	9.41E-10	4.29E-10	4.17E-10	0.00E+00	0.00E+00	1.93E-10	3.52E-11	2.23E-10	3.45E-11	3.23E-11	5.19E-10
2404	496218.25	3859442.96	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.43E-10	4.30E-10	4.18E-10	0.00E+00	0.00E+00	1.94E-10	3.53E-11	2.24E-10	3.45E-11	3.23E-11	5.20E-10
2405	496318.25	3859442.96	1.71E-06	1.69E-06	1.64E-06	5.93E-10	1.79E-09	1.04E-09	1.02E-09	9.28E-10	4.23E-10	4.11E-10	0.00E+00	0.00E+00	1.91E-10	3.47E-11	2.20E-10	3.40E-11	3.18E-11	5.12E-10
2406	496418.25	3859442.96	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.12E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.17E-10	3.34E-11	3.13E-11	5.03E-10
2407	495718.25	3859542.96	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	0.00E+00	0.00E+00	2.09E-10	3.81E-11	2.42E-10	3.73E-11	3.49E-11	5.62E-10
2408	495818.25	3859542.96	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.11E-09	1.10E-09	9.98E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.74E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
2409	495918.25	3859542.96	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.34E-11	5.37E-10
2410	496018.25	3859542.96	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.56E-11	2.26E-10	3.49E-11	3.27E-11	5.25E-10
2411	496118.25	3859542.96	1.77E-06	1.74E-06	1.69E-06	6.12E-10	1.85E-09	1.07E-09	1.05E-09	9.56E-10	4.36E-10	4.24E-10	0.00E+00	0.00E+00	1.97E-10	3.58E-11	2.27E-10	3.50E-11	3.28E-11	5.28E-10
2412	496218.25	3859542.96	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.54E-10	4.35E-10	4.23E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.27E-10	3.49E-11	3.27E-11	5.26E-10
2413	496318.25	3859542.96	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.46E-10	4.32E-10	4.19E-10	0.00E+00	0.00E+00	1.95E-10	3.54E-11	2.25E-10	3.47E-11	3.25E-11	5.22E-10
2414	496418.25	3859542.96	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	0.00E+00	0.00E+00	1.90E-10	3.47E-11	2.20E-10	3.39E-11	3.17E-11	5.10E-10
2415	495718.25	3859642.96	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.65E-10
2416	495818.25	3859642.96	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.43E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.43E-11	5.52E-10
2417	495918.25	3859642.96	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.50E-10	4.37E-10	0.00E+00	0.00E+00	2.03E-10	3.69E-11	2.34E-10	3.61E-11	3.38E-11	5.43E-10
2418	496018.25	3859642.96	1.78E-06	1.76E-06	1.71E-06	6.17E-10	1.86E-09	1.08E-09	1.06E-09	9.65E-10	4.40E-10	4.28E-10	0.00E+00	0.00E+00	1.98E-10	3.61E-11	2.29E-10	3.54E-11	3.31E-11	5.32E-10
2419	496118.25	3859642.96	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.88E-09	1.09E-09	1.07E-09	9.71E-10	4.43E-10	4.30E-10	0.00E+00	0.00E+00	2.00E-10	3.64E-11	2.31E-10	3.56E-11	3.33E-11	5.36E-10
2420	496218.25	3859642.96	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.43E-10	4.30E-10	0.00E+00	0.00E+00	1.99E-10	3.63E-11	2.31E-10	3.55E-11	3.33E-11	5.35E-10
2421	496318.25	3859642.96	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.27E-10	3.49E-11	3.27E-11	5.26E-10
2422	496418.25	3859642.96	1.66E-06	1.64E-06	1.59E-06	5.76E-10	1.74E-09	1.01E-09	9.94E-10	9.01E-10	4.11E-10	3.99E-10	0.00E+00	0.00E+00	1.85E-10	3.37E-11	2.14E-10	3.30E-11	3.09E-11	4.97E-10
2423	495718.25	3859742.96	1.91E-06	1.89E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	0.00E+00	0.00E+00	2.13E-10	3.87E-11	2.46E-10	3.79E-11	3.55E-11	5.70E-10
2424	495818.25	3859742.96	1.86E-06	1.84E-06	1.78E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.40E-10	3.69E-11	3.46E-11	5.56E-10
2425	495918.25	3859742.96	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.46E-10
2426	496018.25	3859742.96	1.79E-06	1.77E-06	1.71E-06	6.19E-10	1.87E-09	1.08E-09	1.07E-09	9.69E-10	4.42E-10	4.29E-10	0.00E+00	0.00E+00	1.99E-10	3.63E-11	2.30E-10	3.55E-11	3.32E-11	5.34E-10
2427	496118.25	3859742.96	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.43E-10	4.30E-10	0.00E+00	0.00E+00	2.00E-10	3.63E-11	2.31E-10	3.56E-11	3.33E-11	5.35E-10
2428	496218.25	3859742.96	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.01E-10	3.65E-11	2.32E-10	3.57E-11	3.35E-11	5.38E-10
2429	496318.25	3859742.96	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.26E-10	4.13E-10	0.00E+00	0.00E+00	1.92E-10	3.49E-11	2.22E-10	3.42E-11	3.20E-11	5.15E-10
2430	496418.25	3859742.96	1.65E-06	1.63E-06	1.58E-06	5.72E-10	1.73E-09	1.00E-09	9.87E-10	8.95E-10	4.08E-10	3.97E-10	0.00E+00	0.00E+00	1.84E-10	3.35E-11	2.13E-10	3.28E-11	3.07E-11	4.94E-10
2431	495718.25	3859842.96	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.56E-10	0.00E+00	0.00E+00	2.12E-10	3.86E-11	2.45E-10	3.77E-11	3.53E-11	5.68E-10

2432	495818.25	3859842.96	1.87E-06	1.84E-06	1.79E-06	6.46E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.61E-10	4.48E-10	0.00E+00	0.00E+00	2.08E-10	3.78E-11	2.40E-10	3.70E-11	3.47E-11	5.57E-10
2433	495918.25	3859842.96	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.35E-10	3.63E-11	3.40E-11	5.47E-10
2434	496018.25	3859842.96	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.78E-10	4.46E-10	4.33E-10	0.00E+00	0.00E+00	2.01E-10	3.66E-11	2.32E-10	3.58E-11	3.36E-11	5.40E-10
2435	496118.25	3859842.96	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.09E-09	9.84E-10	4.49E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.69E-11	2.34E-10	3.61E-11	3.38E-11	5.43E-10
2436	496218.25	3859842.96	1.75E-06	1.73E-06	1.68E-06	6.06E-10	1.83E-09	1.06E-09	1.05E-09	9.47E-10	4.32E-10	4.20E-10	0.00E+00	0.00E+00	1.95E-10	3.55E-11	2.25E-10	3.47E-11	3.25E-11	5.23E-10
2437	496318.25	3859842.96	1.62E-06	1.60E-06	1.55E-06	5.61E-10	1.69E-09	9.80E-10	9.67E-10	8.77E-10	4.00E-10	3.88E-10	0.00E+00	0.00E+00	1.80E-10	3.28E-11	2.08E-10	3.21E-11	3.01E-11	4.84E-10
2438	496418.25	3859842.96	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.27E-10	9.15E-10	8.29E-10	3.78E-10	3.67E-10	0.00E+00	0.00E+00	1.71E-10	3.11E-11	1.97E-10	3.04E-11	2.85E-11	4.57E-10
2439	495718.25	3859942.96	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.63E-10	4.50E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.49E-11	5.60E-10
2440	495818.25	3859942.96	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.73E-11	2.37E-10	3.65E-11	3.42E-11	5.50E-10
2441	495918.25	3859942.96	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.33E-10	3.60E-11	3.37E-11	5.42E-10
2442	496018.25	3859942.96	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	0.00E+00	0.00E+00	2.01E-10	3.67E-11	2.33E-10	3.59E-11	3.36E-11	5.40E-10
2443	496118.25	3859942.96	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.56E-11	2.26E-10	3.49E-11	3.27E-11	5.25E-10
2444	496218.25	3859942.96	1.68E-06	1.66E-06	1.61E-06	5.81E-10	1.76E-09	1.02E-09	1.00E-09	9.09E-10	4.15E-10	4.03E-10	0.00E+00	0.00E+00	1.87E-10	3.40E-11	2.16E-10	3.33E-11	3.12E-11	5.01E-10
2445	496318.25	3859942.96	1.59E-06	1.57E-06	1.53E-06	5.52E-10	1.67E-09	9.65E-10	9.52E-10	8.63E-10	3.94E-10	3.82E-10	0.00E+00	0.00E+00	1.77E-10	3.23E-11	2.05E-10	3.16E-11	2.96E-11	4.76E-10
2446	496418.25	3859942.96	1.48E-06	1.46E-06	1.42E-06	5.12E-10	1.55E-09	8.95E-10	8.84E-10	8.01E-10	3.66E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.90E-10	2.94E-11	2.75E-11	4.42E-10
2447	496856.82	3858864.83	1.35E-06	1.33E-06	1.29E-06	4.67E-10	1.41E-09	8.17E-10	8.06E-10	7.31E-10	3.33E-10	3.24E-10	0.00E+00	0.00E+00	1.50E-10	2.74E-11	1.74E-10	2.68E-11	2.51E-11	4.03E-10
2448	496956.82	3858864.83	1.32E-06	1.30E-06	1.27E-06	4.57E-10	1.38E-09	7.99E-10	7.89E-10	7.15E-10	3.26E-10	3.17E-10	0.00E+00	0.00E+00	1.47E-10	2.68E-11	1.70E-10	2.62E-11	2.45E-11	3.94E-10
2449	497056.82	3858864.83	1.29E-06	1.28E-06	1.24E-06	4.47E-10	1.35E-09	7.82E-10	7.72E-10	7.00E-10	3.19E-10	3.10E-10	0.00E+00	0.00E+00	1.44E-10	2.62E-11	1.66E-10	2.56E-11	2.40E-11	3.86E-10
2450	497156.82	3858864.83	1.26E-06	1.24E-06	1.21E-06	4.36E-10	1.32E-09	7.62E-10	7.52E-10	6.82E-10	3.11E-10	3.02E-10	0.00E+00	0.00E+00	1.40E-10	2.55E-11	1.62E-10	2.50E-11	2.34E-11	3.76E-10
2451	497256.82	3858864.83	1.25E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.44E-10	6.74E-10	3.08E-10	2.99E-10	0.00E+00	0.00E+00	1.39E-10	2.52E-11	1.60E-10	2.47E-11	2.31E-11	3.72E-10
2452	496856.82	3858964.83	1.38E-06	1.36E-06	1.32E-06	4.78E-10	1.44E-09	8.36E-10	8.25E-10	7.48E-10	3.41E-10	3.31E-10	0.00E+00	0.00E+00	1.54E-10	2.80E-11	1.78E-10	2.74E-11	2.57E-11	4.12E-10
2453	496956.82	3858964.83	1.34E-06	1.32E-06	1.28E-06	4.64E-10	1.40E-09	8.11E-10	8.01E-10	7.26E-10	3.31E-10	3.22E-10	0.00E+00	0.00E+00	1.49E-10	2.72E-11	1.72E-10	2.66E-11	2.49E-11	4.00E-10
2454	497056.82	3858964.83	1.31E-06	1.29E-06	1.26E-06	4.53E-10	1.37E-09	7.92E-10	7.82E-10	7.09E-10	3.24E-10	3.14E-10	0.00E+00	0.00E+00	1.46E-10	2.65E-11	1.68E-10	2.60E-11	2.43E-11	3.91E-10
2455	497156.82	3858964.83	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.74E-10	7.64E-10	6.92E-10	3.16E-10	3.07E-10	0.00E+00	0.00E+00	1.42E-10	2.59E-11	1.64E-10	2.54E-11	2.37E-11	3.82E-10
2456	497256.82	3858964.83	1.29E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.78E-10	7.67E-10	6.96E-10	3.17E-10	3.08E-10	0.00E+00	0.00E+00	1.43E-10	2.61E-11	1.65E-10	2.55E-11	2.39E-11	3.84E-10
2457	496856.82	3859064.83	1.39E-06	1.37E-06	1.33E-06	4.82E-10	1.46E-09	8.43E-10	8.32E-10	7.54E-10	3.44E-10	3.34E-10	0.00E+00	0.00E+00	1.55E-10	2.82E-11	1.79E-10	2.76E-11	2.59E-11	4.16E-10
2458	496956.82	3859064.83	1.36E-06	1.34E-06	1.30E-06	4.70E-10	1.42E-09	8.22E-10	8.11E-10	7.35E-10	3.35E-10	3.26E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.75E-10	2.69E-11	2.52E-11	4.05E-10
2459	497056.82	3859064.83	1.33E-06	1.31E-06	1.27E-06	4.60E-10	1.39E-09	8.04E-10	7.94E-10	7.20E-10	3.28E-10	3.19E-10	0.00E+00	0.00E+00	1.48E-10	2.69E-11	1.71E-10	2.64E-11	2.47E-11	3.97E-10
2460	497156.82	3859064.83	1.30E-06	1.29E-06	1.25E-06	4.52E-10	1.36E-09	7.89E-10	7.79E-10	7.06E-10	3.22E-10	3.13E-10	0.00E+00	0.00E+00	1.45E-10	2.64E-11	1.68E-10	2.59E-11	2.42E-11	3.90E-10
2461	497256.82	3859064.83	1.32E-06	1.31E-06	1.27E-06	4.59E-10	1.38E-09	8.02E-10	7.91E-10	7.17E-10	3.27E-10	3.18E-10	0.00E+00	0.00E+00	1.47E-10	2.69E-11	1.70E-10	2.63E-11	2.46E-11	3.96E-10
2462	496856.82	3859164.83	1.39E-06	1.37E-06	1.33E-06	4.81E-10	1.45E-09	8.41E-10	8.30E-10	7.52E-10	3.43E-10	3.33E-10	0.00E+00	0.00E+00	1.55E-10	2.82E-11	1.79E-10	2.76E-11	2.58E-11	4.15E-10
2463	496956.82	3859164.83	1.35E-06	1.33E-06	1.30E-06	4.68E-10	1.41E-09	8.18E-10	8.07E-10	7.32E-10	3.34E-10	3.24E-10	0.00E+00	0.00E+00	1.50E-10	2.74E-11	1.74E-10	2.68E-11	2.51E-11	4.04E-10
2464	497056.82	3859164.83	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.97E-10	7.22E-10	3.30E-10	3.20E-10	0.00E+00	0.00E+00	1.48E-10	2.70E-11	1.72E-10	2.65E-11	2.48E-11	3.98E-10
2465	497156.82	3859164.83	1.34E-06	1.32E-06	1.28E-06	4.63E-10	1.40E-09	8.09E-10	7.99E-10	7.24E-10	3.30E-10	3.21E-10	0.00E+00	0.00E+00	1.49E-10	2.71E-11	1.72E-10	2.65E-11	2.48E-11	3.99E-10
2466	497256.82	3859164.83	1.37E-06	1.35E-06	1.31E-06	4.73E-10	1.43E-09	8.27E-10	8.16E-10	7.40E-10	3.38E-10	3.28E-10	0.00E+00	0.00E+00	1.52E-10	2.77E-11	1.76E-10	2.71E-11	2.54E-11	4.08E-10
2467	496856.82	3859264.83	1.38E-06	1.36E-06	1.32E-06	4.76E-10	1.44E-09	8.32E-10	8.22E-10	7.45E-10	3.40E-10	3.30E-10	0.00E+00	0.00E+00	1.53E-10	2.79E-11	1.77E-10	2.73E-11	2.56E-11	4.11E-10
2468	496956.82	3859264.83	1.36E-06	1.35E-06	1.31E-06	4.73E-10	1.43E-09	8.26E-10	8.15E-10	7.39E-10	3.37E-10	3.27E-10	0.00E+00	0.00E+00	1.52E-10	2.77E-11	1.76E-10	2.71E-11	2.54E-11	4.08E-10
2469	497056.82	3859264.83	1.37E-06	1.35E-06	1.31E-06	4.74E-10	1.43E-09	8.29E-10	8.18E-10	7.42E-10	3.39E-10	3.29E-10	0.00E+00	0.00E+00	1.53E-10	2.78E-11	1.76E-10	2.72E-11	2.55E-11	4.09E-10
2470	497156.82	3859264.83	1.37E-06	1.35E-06	1.32E-06	4.75E-10	1.43E-09	8.31E-10	8.20E-10	7.43E-10	3.39E-10	3.29E-10	0.00E+00	0.00E+00	1.53E-10	2.78E-11	1.77E-10	2.72E-11	2.55E-11	4.10E-10
2471	497256.82	3859264.83	1.40E-06	1.38E-06	1.34E-06	4.83E-10	1.46E-09	8.44E-10	8.33E-10	7.55E-10	3.45E-10	3.35E-10	0.00E+00	0.00E+00	1.55E-10	2.83E-11	1.79E-10	2.77E-11	2.59E-11	4.17E-10
2472	497088.92	3858620.93	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.34E-10	7.24E-10	6.57E-10	3.00E-10	2.91E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.41E-11	2.25E-11	3.62E-10
2473	497138.92	3858620.93	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.21E-10	6.53E-10	2.98E-10	2.90E-10	0.00E+00	0.00E+00	1.34E-10	2.45E-11	1.55E-10	2.39E-11	2.24E-11	3.60E-10
2474	497188.92	3858620.93	1.19E-06	1.18E-06	1.14E-06	4.12E-10	1.25E-09	7.21E-10	7.11E-10	6.45E-10	2.94E-10	2.86E-10	0.00E+00	0.00E+00	1.33E-10	2.41E-11	1.53E-10	2.36E-11	2.21E-11	3.56E-10
2475	497238.92	3858620.93	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.23E-09	7.15E-10	7.05E-10	6.39E-10	2.92E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.53E-10
2476	497088.92	3858670.93	1.21E-06	1.20E-06	1.16E-06	4.19E-10	1.27E-09	7.33E-10	7.24E-10	6.56E-10	2.99E-10	2.91E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.40E-11	2.25E-11	3.62E-10
2477	497138.92	3858670.93	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.34E-10	7.24E-10	6.56E-10	3.00E-10	2.91E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.41E-11	2.25E-11	3.62E-10
2478	497188.92	3858670.93	1.20E-06	1.18E-06	1.15E-06	4.15E-10	1.25E-09	7.25E-10	7.15E-10	6.48E-10	2.96E-10	2.87E-10	0.00E+00	0.00E+00	1.33E-10	2.43E-11	1.54E-10	2.38E-11	2.22E-11	3.58E-10
2479	497238.92	3858670.93	1.19E-06	1.18E-06	1.14E-06	4.12E-10	1.25E-09	7.21E-10	7.12E-10	6.45E-10	2.94E-10	2.86E-10	0.00E+00	0.00E+00	1.33E-10	2.42E-11	1.53E-10	2.36E-11	2.21E-11	3.56E-10
2480	497088.92	3858720.93	1.24E-06	1.22E-06	1.19E-06	4.29E-10	1.29E-09	7.49E-10	7.39E-10	6.70E-10	3.06E-10	2.97E-10	0.00E+00	0.00E+00	1.38E-10	2.51E-11	1.59E-10	2.46E-11	2.30E-11	3.70E-10
2481	497138.92	3858720.93	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.52E-10	2.97E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.44E-11	1.55E-10	2.39E-11	2.24E-11	3.59E-10
2482	497188.92	3858720.93	1.19E-06	1.18E-06	1.14E-06	4.13E-10	1.25E-09	7.22E-10	7.13E-10	6.46E-10	2.95E-10	2.86E-10	0.00E+00	0.00E+00	1.33E-10	2.42E-11	1.53E-10	2.37E-11	2.22E-11	3.56E-10
2483	497238.92	3858720.93	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.29E-10	7.20E-10	6.52E-10	2.98E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.44E-11	1.55E-10	2.39E-11	2.24E-11	3.60E-10
2484	497088.92	3858770.93	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.73E-10	3.07E-10	2.98E-10	0.00E+00	0.00E+00	1.38E-10	2.52E-11	1.60E-10	2.47E-11	2.31E-11	3.71E-10

2485	497138.92	3858770.93	1.23E-06	1.21E-06	1.18E-06	4.25E-10	1.28E-09	7.42E-10	7.33E-10	6.64E-10	3.03E-10	2.94E-10	0.00E+00	0.00E+00	1.37E-10	2.49E-11	1.58E-10	2.43E-11	2.28E-11	3.66E-10
2486	497188.92	3858770.93	1.22E-06	1.20E-06	1.16E-06	4.21E-10	1.27E-09	7.35E-10	7.26E-10	6.58E-10	3.00E-10	2.91E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.41E-11	2.26E-11	3.63E-10
2487	497238.92	3858770.93	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.27E-09	7.37E-10	7.27E-10	6.59E-10	3.01E-10	2.92E-10	0.00E+00	0.00E+00	1.36E-10	2.47E-11	1.57E-10	2.42E-11	2.26E-11	3.64E-10
2488	497396.65	3858622.63	1.22E-06	1.20E-06	1.17E-06	4.21E-10	1.27E-09	7.36E-10	7.26E-10	6.58E-10	3.00E-10	2.92E-10	0.00E+00	0.00E+00	1.35E-10	2.47E-11	1.56E-10	2.41E-11	2.26E-11	3.63E-10
2489	497496.65	3858622.63	1.24E-06	1.22E-06	1.18E-06	4.28E-10	1.29E-09	7.47E-10	7.38E-10	6.69E-10	3.05E-10	2.96E-10	0.00E+00	0.00E+00	1.37E-10	2.50E-11	1.59E-10	2.45E-11	2.29E-11	3.69E-10
2490	497596.65	3858622.63	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.74E-10	7.64E-10	6.93E-10	3.16E-10	3.07E-10	0.00E+00	0.00E+00	1.42E-10	2.59E-11	1.65E-10	2.54E-11	2.38E-11	3.82E-10
2491	497696.65	3858622.63	1.29E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.78E-10	7.68E-10	6.96E-10	3.18E-10	3.08E-10	0.00E+00	0.00E+00	1.43E-10	2.61E-11	1.65E-10	2.55E-11	2.39E-11	3.84E-10
2492	497796.65	3858622.63	1.31E-06	1.29E-06	1.26E-06	4.54E-10	1.37E-09	7.93E-10	7.83E-10	7.10E-10	3.24E-10	3.14E-10	0.00E+00	0.00E+00	1.46E-10	2.66E-11	1.69E-10	2.60E-11	2.43E-11	3.91E-10
2493	497896.65	3858622.63	1.34E-06	1.32E-06	1.28E-06	4.63E-10	1.40E-09	8.09E-10	7.98E-10	7.24E-10	3.30E-10	3.21E-10	0.00E+00	0.00E+00	1.49E-10	2.71E-11	1.72E-10	2.65E-11	2.48E-11	3.99E-10
2494	497396.65	3858722.63	1.25E-06	1.23E-06	1.20E-06	4.33E-10	1.31E-09	7.57E-10	7.47E-10	6.77E-10	3.09E-10	3.00E-10	0.00E+00	0.00E+00	1.39E-10	2.54E-11	1.61E-10	2.48E-11	2.32E-11	3.74E-10
2495	497496.65	3858722.63	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.69E-10	7.59E-10	6.88E-10	3.14E-10	3.05E-10	0.00E+00	0.00E+00	1.42E-10	2.58E-11	1.64E-10	2.52E-11	2.36E-11	3.80E-10
2496	497596.65	3858722.63	1.31E-06	1.30E-06	1.26E-06	4.55E-10	1.37E-09	7.95E-10	7.85E-10	7.12E-10	3.25E-10	3.15E-10	0.00E+00	0.00E+00	1.46E-10	2.66E-11	1.69E-10	2.61E-11	2.44E-11	3.93E-10
2497	497696.65	3858722.63	1.34E-06	1.32E-06	1.28E-06	4.62E-10	1.40E-09	8.08E-10	7.98E-10	7.23E-10	3.30E-10	3.20E-10	0.00E+00	0.00E+00	1.49E-10	2.71E-11	1.72E-10	2.65E-11	2.48E-11	3.99E-10
2498	497796.65	3858722.63	1.34E-06	1.32E-06	1.29E-06	4.65E-10	1.40E-09	8.12E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	0.00E+00	0.00E+00	1.49E-10	2.72E-11	1.73E-10	2.66E-11	2.49E-11	4.01E-10
2499	497896.65	3858722.63	1.36E-06	1.34E-06	1.30E-06	4.70E-10	1.42E-09	8.22E-10	8.11E-10	7.35E-10	3.35E-10	3.26E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.75E-10	2.69E-11	2.52E-11	4.06E-10
2500	497396.65	3858822.63	1.27E-06	1.25E-06	1.22E-06	4.40E-10	1.33E-09	7.68E-10	7.58E-10	6.87E-10	3.14E-10	3.05E-10	0.00E+00	0.00E+00	1.41E-10	2.57E-11	1.63E-10	2.52E-11	2.36E-11	3.79E-10
2501	497496.65	3858822.63	1.29E-06	1.27E-06	1.23E-06	4.46E-10	1.35E-09	7.79E-10	7.69E-10	6.97E-10	3.18E-10	3.09E-10	0.00E+00	0.00E+00	1.43E-10	2.61E-11	1.66E-10	2.55E-11	2.39E-11	3.84E-10
2502	497596.65	3858822.63	1.34E-06	1.33E-06	1.29E-06	4.65E-10	1.40E-09	8.12E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	0.00E+00	0.00E+00	1.49E-10	2.72E-11	1.73E-10	2.66E-11	2.49E-11	4.01E-10
2503	497696.65	3858822.63	1.35E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.09E-10	7.33E-10	3.35E-10	3.25E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.74E-10	2.69E-11	2.52E-11	4.04E-10
2504	497796.65	3858822.63	1.36E-06	1.35E-06	1.31E-06	4.72E-10	1.42E-09	8.25E-10	8.14E-10	7.38E-10	3.37E-10	3.27E-10	0.00E+00	0.00E+00	1.52E-10	2.76E-11	1.75E-10	2.70E-11	2.53E-11	4.07E-10
2505	497896.65	3858822.63	1.40E-06	1.38E-06	1.34E-06	4.84E-10	1.46E-09	8.45E-10	8.34E-10	7.56E-10	3.45E-10	3.35E-10	0.00E+00	0.00E+00	1.56E-10	2.83E-11	1.80E-10	2.77E-11	2.59E-11	4.17E-10
2506	497396.65	3858922.63	1.29E-06	1.27E-06	1.24E-06	4.47E-10	1.35E-09	7.81E-10	7.70E-10	6.98E-10	3.19E-10	3.09E-10	0.00E+00	0.00E+00	1.44E-10	2.62E-11	1.66E-10	2.56E-11	2.40E-11	3.85E-10
2507	497496.65	3858922.63	1.34E-06	1.32E-06	1.28E-06	4.62E-10	1.40E-09	8.08E-10	7.97E-10	7.23E-10	3.30E-10	3.20E-10	0.00E+00	0.00E+00	1.49E-10	2.71E-11	1.72E-10	2.65E-11	2.48E-11	3.99E-10
2508	497596.65	3858922.63	1.33E-06	1.31E-06	1.27E-06	4.59E-10	1.39E-09	8.03E-10	7.92E-10	7.18E-10	3.28E-10	3.18E-10	0.00E+00	0.00E+00	1.48E-10	2.69E-11	1.71E-10	2.63E-11	2.46E-11	3.96E-10
2509	497696.65	3858922.63	1.38E-06	1.37E-06	1.33E-06	4.79E-10	1.45E-09	8.37E-10	8.26E-10	7.49E-10	3.42E-10	3.32E-10	0.00E+00	0.00E+00	1.54E-10	2.80E-11	1.78E-10	2.74E-11	2.57E-11	4.13E-10
2510	497796.65	3858922.63	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.40E-10	7.61E-10	3.47E-10	3.37E-10	0.00E+00	0.00E+00	1.57E-10	2.85E-11	1.81E-10	2.79E-11	2.61E-11	4.20E-10
2511	497896.65	3858922.63	1.46E-06	1.44E-06	1.40E-06	5.04E-10	1.52E-09	8.81E-10	8.69E-10	7.88E-10	3.60E-10	3.49E-10	0.00E+00	0.00E+00	1.62E-10	2.95E-11	1.87E-10	2.89E-11	2.70E-11	4.35E-10
2512	497364.44	3858201.52	1.15E-06	1.14E-06	1.10E-06	3.99E-10	1.20E-09	6.97E-10	6.88E-10	6.24E-10	2.85E-10	2.76E-10	0.00E+00	0.00E+00	1.28E-10	2.34E-11	1.48E-10	2.29E-11	2.14E-11	3.44E-10
2513	497414.44	3858201.52	1.16E-06	1.15E-06	1.11E-06	4.02E-10	1.21E-09	7.03E-10	6.94E-10	6.29E-10	2.87E-10	2.79E-10	0.00E+00	0.00E+00	1.29E-10	2.36E-11	1.49E-10	2.31E-11	2.16E-11	3.47E-10
2514	497464.44	3858201.52	1.17E-06	1.15E-06	1.12E-06	4.05E-10	1.22E-09	7.07E-10	6.98E-10	6.33E-10	2.89E-10	2.80E-10	0.00E+00	0.00E+00	1.30E-10	2.37E-11	1.50E-10	2.32E-11	2.17E-11	3.49E-10
2515	497514.44	3858201.52	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.06E-10	6.96E-10	6.31E-10	2.88E-10	2.80E-10	0.00E+00	0.00E+00	1.30E-10	2.36E-11	1.50E-10	2.31E-11	2.17E-11	3.48E-10
2516	497564.44	3858201.52	1.16E-06	1.14E-06	1.11E-06	4.01E-10	1.21E-09	7.00E-10	6.91E-10	6.27E-10	2.86E-10	2.78E-10	0.00E+00	0.00E+00	1.29E-10	2.35E-11	1.49E-10	2.30E-11	2.15E-11	3.46E-10
2517	497614.44	3858201.52	1.16E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.99E-10	6.90E-10	6.26E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.29E-10	2.34E-11	1.49E-10	2.29E-11	2.15E-11	3.45E-10
2518	497364.44	3858251.52	1.17E-06	1.16E-06	1.12E-06	4.06E-10	1.23E-09	7.10E-10	7.00E-10	6.35E-10	2.90E-10	2.81E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.50E-10
2519	497414.44	3858251.52	1.19E-06	1.17E-06	1.14E-06	4.10E-10	1.24E-09	7.17E-10	7.08E-10	6.41E-10	2.93E-10	2.84E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.35E-11	2.20E-11	3.54E-10
2520	497464.44	3858251.52	1.17E-06	1.16E-06	1.12E-06	4.05E-10	1.22E-09	7.09E-10	6.99E-10	6.34E-10	2.89E-10	2.81E-10	0.00E+00	0.00E+00	1.30E-10	2.37E-11	1.51E-10	2.32E-11	2.17E-11	3.50E-10
2521	497514.44	3858251.52	1.15E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.99E-10	6.90E-10	6.25E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.29E-10	2.34E-11	1.49E-10	2.29E-11	2.14E-11	3.45E-10
2522	497564.44	3858251.52	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.32E-11	1.48E-10	2.28E-11	2.13E-11	3.43E-10
2523	497614.44	3858251.52	1.14E-06	1.12E-06	1.09E-06	3.94E-10	1.19E-09	6.89E-10	6.80E-10	6.17E-10	2.81E-10	2.73E-10	0.00E+00	0.00E+00	1.27E-10	2.31E-11	1.47E-10	2.26E-11	2.12E-11	3.40E-10
2524	497364.44	3858301.52	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.02E-10	6.37E-10	2.90E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.51E-10
2525	497414.44	3858301.52	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.24E-09	7.16E-10	7.06E-10	6.40E-10	2.92E-10	2.84E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.35E-11	2.20E-11	3.53E-10
2526	497464.44	3858301.52	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.05E-10	6.96E-10	6.31E-10	2.88E-10	2.80E-10	0.00E+00	0.00E+00	1.30E-10	2.36E-11	1.50E-10	2.31E-11	2.17E-11	3.48E-10
2527	497514.44	3858301.52	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.24E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.28E-10	2.34E-11	1.48E-10	2.29E-11	2.14E-11	3.44E-10
2528	497564.44	3858301.52	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.88E-10	6.79E-10	6.15E-10	2.81E-10	2.73E-10	0.00E+00	0.00E+00	1.26E-10	2.30E-11	1.46E-10	2.25E-11	2.11E-11	3.39E-10
2529	497614.44	3858301.52	1.13E-06	1.11E-06	1.08E-06	3.91E-10	1.18E-09	6.83E-10	6.74E-10	6.11E-10	2.79E-10	2.71E-10	0.00E+00	0.00E+00	1.26E-10	2.29E-11	1.45E-10	2.24E-11	2.10E-11	3.37E-10
2530	497364.44	3858351.52	1.18E-06	1.17E-06	1.14E-06	4.10E-10	1.24E-09	7.17E-10	7.07E-10	6.41E-10	2.93E-10	2.84E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.35E-11	2.20E-11	3.54E-10
2531	497414.44	3858351.52	1.17E-06	1.16E-06	1.12E-06	4.06E-10	1.22E-09	7.09E-10	7.00E-10	6.34E-10	2.89E-10	2.81E-10	0.00E+00	0.00E+00	1.30E-10	2.38E-11	1.51E-10	2.32E-11	2.18E-11	3.50E-10
2532	497464.44	3858351.52	1.16E-06	1.15E-06	1.12E-06	4.03E-10	1.22E-09	7.05E-10	6.95E-10	6.30E-10	2.88E-10	2.79E-10	0.00E+00	0.00E+00	1.30E-10	2.36E-11	1.50E-10	2.31E-11	2.16E-11	3.48E-10
2533	497514.44	3858351.52	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.28E-10	2.34E-11	1.48E-10	2.29E-11	2.14E-11	3.44E-10
2534	497564.44	3858351.52	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.86E-10	6.77E-10	6.14E-10	2.80E-10	2.72E-10	0.00E+00	0.00E+00	1.26E-10	2.30E-11	1.46E-10	2.25E-11	2.11E-11	3.38E-10
2535	497614.44	3858351.52	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	0.00E+00	0.00E+00	1.25E-10	2.28E-11	1.45E-10	2.23E-11	2.09E-11	3.36E-10
2536	497364.44	3858401.52	1.17E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.01E-10	6.36E-10	2.90E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.51E-10
2537	497414.44	3858401.52	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.06E-10	6.97E-10	6.32E-10	2.88E-10	2.80E-10	0.00E+00	0.00E+00	1.30E-10	2.37E-11	1.50E-10	2.31E-11	2.17E-11	3.48E-10

2538	497464.44	3858401.52	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.28E-10	2.34E-11	1.48E-10	2.29E-11	2.14E-11	3.44E-10
2539	497514.44	3858401.52	1.14E-06	1.13E-06	1.10E-06	3.96E-10	1.20E-09	6.93E-10	6.84E-10	6.20E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.27E-10	2.32E-11	1.47E-10	2.27E-11	2.13E-11	3.42E-10
2540	497564.44	3858401.52	1.15E-06	1.14E-06	1.10E-06	3.99E-10	1.20E-09	6.98E-10	6.88E-10	6.24E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.28E-10	2.34E-11	1.48E-10	2.29E-11	2.14E-11	3.44E-10
2541	497614.44	3858401.52	1.16E-06	1.15E-06	1.11E-06	4.02E-10	1.22E-09	7.03E-10	6.94E-10	6.29E-10	2.87E-10	2.79E-10	0.00E+00	0.00E+00	1.29E-10	2.36E-11	1.50E-10	2.31E-11	2.16E-11	3.47E-10
2542	493478.11	3860497.94	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	0.00E+00	0.00E+00	2.16E-10	3.94E-11	2.50E-10	3.85E-11	3.61E-11	5.80E-10
2543	493528.11	3860497.94	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	0.00E+00	0.00E+00	2.15E-10	3.92E-11	2.49E-10	3.83E-11	3.59E-11	5.77E-10
2544	493478.11	3860547.94	1.88E-06	1.86E-06	1.81E-06	6.52E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.65E-10	4.52E-10	0.00E+00	0.00E+00	2.10E-10	3.82E-11	2.42E-10	3.74E-11	3.50E-11	5.63E-10
2545	493528.11	3860547.94	1.87E-06	1.85E-06	1.80E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	0.00E+00	0.00E+00	2.08E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.59E-10
2546	493478.11	3860597.94	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.35E-10	3.63E-11	3.40E-11	5.46E-10
2547	493528.11	3860597.94	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.09E-09	9.84E-10	4.49E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.34E-10	3.61E-11	3.38E-11	5.43E-10
2548	493561.88	3860524.64	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.66E-10
2549	493591.88	3860524.64	1.89E-06	1.86E-06	1.81E-06	6.54E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.64E-10
2550	493561.88	3860554.64	1.86E-06	1.83E-06	1.78E-06	6.44E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	0.00E+00	0.00E+00	2.07E-10	3.77E-11	2.39E-10	3.69E-11	3.45E-11	5.55E-10
2551	493591.88	3860554.64	1.86E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	0.00E+00	0.00E+00	2.07E-10	3.76E-11	2.39E-10	3.68E-11	3.45E-11	5.54E-10
2552	492880.5	3860293.11	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.78E-11	3.03E-10	4.68E-11	4.38E-11	7.05E-10
2553	492930.5	3860293.11	2.35E-06	2.32E-06	2.25E-06	8.13E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.80E-10	5.63E-10	0.00E+00	0.00E+00	2.61E-10	4.76E-11	3.02E-10	4.66E-11	4.36E-11	7.01E-10
2554	492980.5	3860293.11	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	0.00E+00	0.00E+00	2.60E-10	4.74E-11	3.01E-10	4.64E-11	4.34E-11	6.98E-10
2555	493030.5	3860293.11	2.33E-06	2.30E-06	2.24E-06	8.07E-10	2.44E-09	1.41E-09	1.39E-09	1.26E-09	5.76E-10	5.60E-10	0.00E+00	0.00E+00	2.60E-10	4.73E-11	3.00E-10	4.63E-11	4.33E-11	6.97E-10
2556	493080.5	3860293.11	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	0.00E+00	0.00E+00	2.59E-10	4.71E-11	2.99E-10	4.61E-11	4.31E-11	6.94E-10
2557	493130.5	3860293.11	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	0.00E+00	0.00E+00	2.57E-10	4.68E-11	2.97E-10	4.58E-11	4.29E-11	6.89E-10
2558	493180.5	3860293.11	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	0.00E+00	0.00E+00	2.55E-10	4.64E-11	2.94E-10	4.54E-11	4.25E-11	6.83E-10
2559	493230.5	3860293.11	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.45E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.92E-10	4.51E-11	4.22E-11	6.79E-10
2560	493280.5	3860293.11	2.27E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.49E-11	4.21E-11	6.77E-10
2561	493330.5	3860293.11	2.25E-06	2.23E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	0.00E+00	0.00E+00	2.51E-10	4.57E-11	2.90E-10	4.47E-11	4.19E-11	6.73E-10
2562	493380.5	3860293.11	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	0.00E+00	0.00E+00	2.50E-10	4.54E-11	2.88E-10	4.45E-11	4.16E-11	6.69E-10
2563	492880.5	3860343.11	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.46E-10	0.00E+00	0.00E+00	2.54E-10	4.62E-11	2.93E-10	4.52E-11	4.23E-11	6.80E-10
2564	492930.5	3860343.11	2.27E-06	2.24E-06	2.17E-06	7.85E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.92E-10	4.50E-11	4.21E-11	6.77E-10
2565	492980.5	3860343.11	2.27E-06	2.24E-06	2.17E-06	7.85E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	0.00E+00	0.00E+00	2.52E-10	4.59E-11	2.91E-10	4.50E-11	4.21E-11	6.77E-10
2566	493030.5	3860343.11	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.40E-10	0.00E+00	0.00E+00	2.51E-10	4.57E-11	2.90E-10	4.47E-11	4.18E-11	6.73E-10
2567	493080.5	3860343.11	2.25E-06	2.22E-06	2.16E-06	7.79E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	0.00E+00	0.00E+00	2.50E-10	4.56E-11	2.89E-10	4.46E-11	4.18E-11	6.72E-10
2568	493130.5	3860343.11	2.23E-06	2.20E-06	2.14E-06	7.73E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	0.00E+00	0.00E+00	2.49E-10	4.53E-11	2.87E-10	4.43E-11	4.15E-11	6.67E-10
2569	493180.5	3860343.11	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	0.00E+00	0.00E+00	2.46E-10	4.49E-11	2.85E-10	4.39E-11	4.11E-11	6.61E-10
2570	493230.5	3860343.11	2.20E-06	2.17E-06	2.11E-06	7.62E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.28E-10	0.00E+00	0.00E+00	2.45E-10	4.46E-11	2.83E-10	4.36E-11	4.09E-11	6.57E-10
2571	493280.5	3860343.11	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.35E-11	4.07E-11	6.55E-10
2572	493330.5	3860343.11	2.18E-06	2.16E-06	2.09E-06	7.56E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.24E-10	0.00E+00	0.00E+00	2.43E-10	4.43E-11	2.81E-10	4.33E-11	4.06E-11	6.52E-10
2573	493380.5	3860343.11	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.37E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.40E-11	2.79E-10	4.31E-11	4.03E-11	6.49E-10
2574	492880.5	3860393.11	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.46E-11	2.83E-10	4.36E-11	4.08E-11	6.57E-10
2575	492930.5	3860393.11	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.44E-11	2.82E-10	4.35E-11	4.07E-11	6.55E-10
2576	492980.5	3860393.11	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.25E-10	0.00E+00	0.00E+00	2.44E-10	4.43E-11	2.81E-10	4.34E-11	4.06E-11	6.53E-10
2577	493030.5	3860393.11	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	0.00E+00	0.00E+00	2.43E-10	4.42E-11	2.80E-10	4.32E-11	4.05E-11	6.51E-10
2578	493080.5	3860393.11	2.18E-06	2.15E-06	2.09E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.22E-10	0.00E+00	0.00E+00	2.42E-10	4.41E-11	2.80E-10	4.32E-11	4.04E-11	6.50E-10
2579	493130.5	3860393.11	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.18E-10	0.00E+00	0.00E+00	2.40E-10	4.38E-11	2.78E-10	4.28E-11	4.01E-11	6.45E-10
2580	493180.5	3860393.11	2.14E-06	2.11E-06	2.05E-06	7.41E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	0.00E+00	0.00E+00	2.38E-10	4.34E-11	2.75E-10	4.25E-11	3.98E-11	6.40E-10
2581	493230.5	3860393.11	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.23E-11	3.96E-11	6.36E-10
2582	493280.5	3860393.11	2.12E-06	2.10E-06	2.04E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.25E-10	5.09E-10	0.00E+00	0.00E+00	2.36E-10	4.30E-11	2.73E-10	4.21E-11	3.94E-11	6.34E-10
2583	493330.5	3860393.11	2.11E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	0.00E+00	0.00E+00	2.35E-10	4.29E-11	2.72E-10	4.19E-11	3.93E-11	6.31E-10
2584	493380.5	3860393.11	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	0.00E+00	0.00E+00	2.34E-10	4.26E-11	2.71E-10	4.17E-11	3.91E-11	6.28E-10
2585	492880.5	3860443.11	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	0.00E+00	0.00E+00	2.37E-10	4.31E-11	2.74E-10	4.22E-11	3.95E-11	6.35E-10
2586	492930.5	3860443.11	2.12E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.07E-10	0.00E+00	0.00E+00	2.35E-10	4.29E-11	2.72E-10	4.20E-11	3.93E-11	6.32E-10
2587	492980.5	3860443.11	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	0.00E+00	0.00E+00	2.35E-10	4.28E-11	2.72E-10	4.19E-11	3.92E-11	6.31E-10
2588	493030.5	3860443.11	2.11E-06	2.08E-06	2.02E-06	7.29E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	0.00E+00	0.00E+00	2.34E-10	4.27E-11	2.71E-10	4.18E-11	3.91E-11	6.29E-10
2589	493080.5	3860443.11	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	0.00E+00	0.00E+00	2.33E-10	4.25E-11	2.70E-10	4.16E-11	3.89E-11	6.26E-10
2590	493130.5	3860443.11	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	0.00E+00	0.00E+00	2.32E-10	4.23E-11	2.68E-10	4.14E-11	3.87E-11	6.23E-10

2591	493180.5	3860443.11	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.96E-10	0.00E+00	0.00E+00	2.30E-10	4.19E-11	2.66E-10	4.10E-11	3.84E-11	6.18E-10
2592	493230.5	3860443.11	2.06E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	0.00E+00	0.00E+00	2.30E-10	4.18E-11	2.66E-10	4.10E-11	3.83E-11	6.17E-10
2593	493280.5	3860443.11	2.06E-06	2.03E-06	1.97E-06	7.12E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.64E-10	4.08E-11	3.82E-11	6.14E-10
2594	493330.5	3860443.11	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.92E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.64E-10	4.07E-11	3.81E-11	6.12E-10
2595	493380.5	3860443.11	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.89E-10	0.00E+00	0.00E+00	2.27E-10	4.13E-11	2.62E-10	4.04E-11	3.78E-11	6.08E-10
2596	493180.5	3860493.11	2.01E-06	1.98E-06	1.92E-06	6.94E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.81E-10	0.00E+00	0.00E+00	2.23E-10	4.07E-11	2.58E-10	3.98E-11	3.73E-11	5.99E-10
2597	493230.5	3860493.11	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	0.00E+00	0.00E+00	2.23E-10	4.05E-11	2.57E-10	3.97E-11	3.71E-11	5.97E-10
2598	493280.5	3860493.11	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	0.00E+00	0.00E+00	2.22E-10	4.04E-11	2.56E-10	3.95E-11	3.70E-11	5.95E-10
2599	493330.5	3860493.11	1.98E-06	1.96E-06	1.90E-06	6.87E-10	2.07E-09	1.20E-09	1.19E-09	1.07E-09	4.90E-10	4.76E-10	0.00E+00	0.00E+00	2.21E-10	4.02E-11	2.55E-10	3.94E-11	3.69E-11	5.93E-10
2600	493380.5	3860493.11	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.20E-10	4.00E-11	2.54E-10	3.91E-11	3.66E-11	5.89E-10
2601	493330.5	3860543.11	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.57E-11	5.75E-10
2602	493380.5	3860543.11	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	0.00E+00	0.00E+00	2.13E-10	3.88E-11	2.46E-10	3.79E-11	3.55E-11	5.71E-10
2603	494135.94	3860876.85	1.47E-06	1.45E-06	1.41E-06	5.10E-10	1.54E-09	8.91E-10	8.79E-10	7.97E-10	3.64E-10	3.53E-10	0.00E+00	0.00E+00	1.64E-10	2.98E-11	1.89E-10	2.92E-11	2.73E-11	4.40E-10
2604	494185.94	3860876.85	1.47E-06	1.45E-06	1.41E-06	5.08E-10	1.53E-09	8.87E-10	8.76E-10	7.94E-10	3.62E-10	3.52E-10	0.00E+00	0.00E+00	1.63E-10	2.97E-11	1.89E-10	2.91E-11	2.72E-11	4.38E-10
2605	494135.94	3860926.85	1.43E-06	1.41E-06	1.37E-06	4.96E-10	1.50E-09	8.66E-10	8.55E-10	7.75E-10	3.54E-10	3.43E-10	0.00E+00	0.00E+00	1.59E-10	2.90E-11	1.84E-10	2.84E-11	2.66E-11	4.28E-10
2606	494185.94	3860926.85	1.43E-06	1.41E-06	1.37E-06	4.94E-10	1.49E-09	8.63E-10	8.52E-10	7.72E-10	3.52E-10	3.42E-10	0.00E+00	0.00E+00	1.59E-10	2.89E-11	1.84E-10	2.83E-11	2.65E-11	4.26E-10
2607	494135.94	3860976.85	1.39E-06	1.38E-06	1.34E-06	4.83E-10	1.46E-09	8.44E-10	8.33E-10	7.55E-10	3.44E-10	3.34E-10	0.00E+00	0.00E+00	1.55E-10	2.83E-11	1.79E-10	2.77E-11	2.59E-11	4.16E-10
2608	494185.94	3860976.85	1.39E-06	1.37E-06	1.33E-06	4.81E-10	1.45E-09	8.41E-10	8.30E-10	7.52E-10	3.43E-10	3.33E-10	0.00E+00	0.00E+00	1.55E-10	2.82E-11	1.79E-10	2.76E-11	2.58E-11	4.15E-10
2609	494135.94	3861026.85	1.36E-06	1.34E-06	1.30E-06	4.70E-10	1.42E-09	8.21E-10	8.11E-10	7.35E-10	3.35E-10	3.26E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.75E-10	2.69E-11	2.52E-11	4.05E-10
2610	494185.94	3861026.85	1.35E-06	1.34E-06	1.30E-06	4.68E-10	1.41E-09	8.19E-10	8.08E-10	7.33E-10	3.34E-10	3.25E-10	0.00E+00	0.00E+00	1.51E-10	2.74E-11	1.74E-10	2.68E-11	2.51E-11	4.04E-10
2611	494135.94	3861076.85	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.00E-10	7.90E-10	7.16E-10	3.27E-10	3.17E-10	0.00E+00	0.00E+00	1.47E-10	2.68E-11	1.70E-10	2.62E-11	2.46E-11	3.95E-10
2612	494185.94	3861076.85	1.32E-06	1.30E-06	1.26E-06	4.56E-10	1.38E-09	7.98E-10	7.87E-10	7.14E-10	3.26E-10	3.16E-10	0.00E+00	0.00E+00	1.47E-10	2.67E-11	1.70E-10	2.62E-11	2.45E-11	3.94E-10
2613	490360.04	3858710.04	2.10E-05	2.07E-05	2.01E-05	7.26E-09	2.19E-08	1.27E-08	1.25E-08	1.14E-08	5.18E-09	5.03E-09	0.00E+00	0.00E+00	2.33E-09	4.25E-10	2.70E-09	4.16E-10	3.90E-10	6.26E-09
2614	490410.04	3858710.04	2.05E-05	2.03E-05	1.97E-05	7.11E-09	2.15E-08	1.24E-08	1.23E-08	1.11E-08	5.07E-09	4.93E-09	0.00E+00	0.00E+00	2.29E-09	4.16E-10	2.64E-09	4.07E-10	3.82E-10	6.13E-09
2615	490460.04	3858710.04	2.01E-05	1.98E-05	1.92E-05	6.95E-09	2.10E-08	1.21E-08	1.20E-08	1.09E-08	4.96E-09	4.82E-09	0.00E+00	0.00E+00	2.23E-09	4.07E-10	2.58E-09	3.98E-10	3.73E-10	5.99E-09
2616	490510.04	3858710.04	1.97E-05	1.94E-05	1.88E-05	6.81E-09	2.06E-08	1.19E-08	1.17E-08	1.06E-08	4.86E-09	4.72E-09	0.00E+00	0.00E+00	2.19E-09	3.99E-10	2.53E-09	3.90E-10	3.65E-10	5.87E-09
2617	490560.04	3858710.04	1.93E-05	1.90E-05	1.85E-05	6.67E-09	2.02E-08	1.17E-08	1.15E-08	1.04E-08	4.76E-09	4.63E-09	0.00E+00	0.00E+00	2.15E-09	3.91E-10	2.48E-09	3.82E-10	3.58E-10	5.76E-09
2618	490610.04	3858710.04	1.89E-05	1.86E-05	1.81E-05	6.54E-09	1.97E-08	1.14E-08	1.13E-08	1.02E-08	4.67E-09	4.53E-09	0.00E+00	0.00E+00	2.10E-09	3.83E-10	2.43E-09	3.75E-10	3.51E-10	5.64E-09
2619	490660.04	3858710.04	1.86E-05	1.83E-05	1.78E-05	6.43E-09	1.94E-08	1.12E-08	1.11E-08	1.01E-08	4.59E-09	4.45E-09	0.00E+00	0.00E+00	2.07E-09	3.76E-10	2.39E-09	3.68E-10	3.45E-10	5.55E-09
2620	490710.04	3858710.04	1.81E-05	1.79E-05	1.74E-05	6.27E-09	1.89E-08	1.10E-08	1.08E-08	9.80E-09	4.47E-09	4.34E-09	0.00E+00	0.00E+00	2.02E-09	3.67E-10	2.33E-09	3.59E-10	3.36E-10	5.41E-09
2621	490760.04	3858710.04	1.77E-05	1.74E-05	1.69E-05	6.12E-09	1.85E-08	1.07E-08	1.06E-08	9.56E-09	4.36E-09	4.24E-09	0.00E+00	0.00E+00	1.97E-09	3.58E-10	2.27E-09	3.50E-10	3.28E-10	5.28E-09
2622	490810.04	3858710.04	1.72E-05	1.70E-05	1.65E-05	5.95E-09	1.80E-08	1.04E-08	1.03E-08	9.31E-09	4.25E-09	4.13E-09	0.00E+00	0.00E+00	1.91E-09	3.49E-10	2.21E-09	3.41E-10	3.19E-10	5.14E-09
2623	490860.04	3858710.04	1.66E-05	1.64E-05	1.59E-05	5.76E-09	1.74E-08	1.01E-08	9.93E-09	9.01E-09	4.11E-09	3.99E-09	0.00E+00	0.00E+00	1.85E-09	3.37E-10	2.14E-09	3.30E-10	3.09E-10	4.97E-09
2624	490360.04	3858760.04	1.96E-05	1.93E-05	1.88E-05	6.78E-09	2.05E-08	1.19E-08	1.17E-08	1.06E-08	4.84E-09	4.70E-09	0.00E+00	0.00E+00	2.18E-09	3.97E-10	2.52E-09	3.89E-10	3.64E-10	5.85E-09
2625	490410.04	3858760.04	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.04E-08	4.73E-09	4.59E-09	0.00E+00	0.00E+00	2.13E-09	3.88E-10	2.46E-09	3.79E-10	3.55E-10	5.71E-09
2626	490460.04	3858760.04	1.87E-05	1.84E-05	1.79E-05	6.46E-09	1.95E-08	1.13E-08	1.11E-08	1.01E-08	4.61E-09	4.48E-09	0.00E+00	0.00E+00	2.08E-09	3.78E-10	2.40E-09	3.70E-10	3.47E-10	5.57E-09
2627	490510.04	3858760.04	1.82E-05	1.80E-05	1.74E-05	6.30E-09	1.90E-08	1.10E-08	1.09E-08	9.85E-09	4.50E-09	4.37E-09	0.00E+00	0.00E+00	2.03E-09	3.69E-10	2.34E-09	3.61E-10	3.38E-10	5.43E-09
2628	490560.04	3858760.04	1.78E-05	1.75E-05	1.70E-05	6.15E-09	1.86E-08	1.08E-08	1.06E-08	9.62E-09	4.39E-09	4.26E-09	0.00E+00	0.00E+00	1.98E-09	3.60E-10	2.29E-09	3.53E-10	3.30E-10	5.31E-09
2629	490610.04	3858760.04	1.73E-05	1.71E-05	1.66E-05	6.00E-09	1.81E-08	1.05E-08	1.04E-08	9.39E-09	4.28E-09	4.16E-09	0.00E+00	0.00E+00	1.93E-09	3.51E-10	2.23E-09	3.44E-10	3.22E-10	5.18E-09
2630	490660.04	3858760.04	1.69E-05	1.67E-05	1.62E-05	5.86E-09	1.77E-08	1.02E-08	1.01E-08	9.16E-09	4.18E-09	4.06E-09	0.00E+00	0.00E+00	1.88E-09	3.43E-10	2.18E-09	3.36E-10	3.14E-10	5.05E-09
2631	490710.04	3858760.04	1.65E-05	1.63E-05	1.58E-05	5.71E-09	1.72E-08	9.98E-09	9.85E-09	8.93E-09	4.07E-09	3.96E-09	0.00E+00	0.00E+00	1.84E-09	3.34E-10	2.12E-09	3.27E-10	3.06E-10	4.93E-09
2632	490760.04	3858760.04	1.60E-05	1.58E-05	1.53E-05	5.54E-09	1.67E-08	9.68E-09	9.56E-09	8.66E-09	3.95E-09	3.84E-09	0.00E+00	0.00E+00	1.78E-09	3.24E-10	2.06E-09	3.17E-10	2.97E-10	4.78E-09
2633	490810.04	3858760.04	1.55E-05	1.53E-05	1.49E-05	5.37E-09	1.62E-08	9.39E-09	9.27E-09	8.40E-09	3.83E-09	3.72E-09	0.00E+00	0.00E+00	1.73E-09	3.15E-10	2.00E-09	3.08E-10	2.88E-10	4.63E-09
2634	490860.04	3858760.04	1.51E-05	1.49E-05	1.44E-05	5.22E-09	1.58E-08	9.12E-09	9.00E-09	8.16E-09	3.72E-09	3.62E-09	0.00E+00	0.00E+00	1.68E-09	3.05E-10	1.94E-09	2.99E-10	2.80E-10	4.50E-09
2635	490360.04	3858810.04	1.84E-05	1.82E-05	1.76E-05	6.37E-09	1.92E-08	1.11E-08	1.10E-08	9.97E-09	4.55E-09	4.42E-09	0.00E+00	0.00E+00	2.05E-09	3.73E-10	2.37E-09	3.65E-10	3.42E-10	5.50E-09
2636	490410.04	3858810.04	1.79E-05	1.77E-05	1.72E-05	6.20E-09	1.87E-08	1.08E-08	1.07E-08	9.70E-09	4.43E-09	4.30E-09	0.00E+00	0.00E+00	1.99E-09	3.63E-10	2.30E-09	3.55E-10	3.33E-10	5.35E-09
2637	490460.04	3858810.04	1.74E-05	1.72E-05	1.67E-05	6.03E-09	1.82E-08	1.05E-08	1.04E-08	9.44E-09	4.31E-09	4.18E-09	0.00E+00	0.00E+00	1.94E-09	3.53E-10	2.24E-09	3.46E-10	3.24E-10	5.21E-09
2638	490510.04	3858810.04	1.70E-05	1.68E-05	1.63E-05	5.89E-09	1.78E-08	1.03E-08	1.02E-08	9.20E-09	4.20E-09	4.08E-09	0.00E+00	0.00E+00	1.89E-09	3.45E-10	2.19E-09	3.37E-10	3.16E-10	5.08E-09
2639	490560.04	3858810.04	1.66E-05	1.64E-05	1.59E-05	5.74E-09	1.73E-08	1.00E-08	9.90E-09	8.97E-09	4.09E-09	3.98E-09	0.00E+00	0.00E+00	1.84E-09	3.36E-10	2.13E-09	3.29E-10	3.08E-10	4.95E-09
2640	490610.04	3858810.04	1.61E-05	1.59E-05	1.54E-05	5.57E-09	1.68E-08	9.73E-09	9.60E-09	8.70E-09	3.97E-09	3.86E-09	0.00E+00	0.00E+00	1.79E-09	3.26E-10	2.07E-09	3.19E-10	2.99E-10	4.80E-09
2641	490660.04	3858810.04	1.56E-05	1.54E-05	1.50E-05	5.41E-09	1.63E-08	9.46E-09	9.34E-09	8.46E-09	3.86E-09	3.75E-09	0.00E+00	0.00E+00	1.74E-09	3.17E-10	2.01E-09	3.10E-10	2.90E-10	4.67E-09
2642	490710.04	3858810.04	1.52E-05	1.50E-05	1.45E-05	5.25E-09	1.58E-08	9.17E-09	9.05E-09	8.21E-09	3.74E-09	3.64E-09	0.00E+00	0.00E+00	1.69E-09	3.07E-10	1.95E-09	3.01E-10	2.82E-10	4.53E-09
2643	490760.04	3858810.04	1.46E-05	1.44E-05	1.40E-05	5.05E-09	1.52E-08	8.83E-09	8.71E-09	7.90E-09	3.60E-09	3.50E-09	0.00E+00	0.00E+00	1.62E-09	2.96E-10	1.88E-09	2.89E-10	2.71E-10	4.36E-09

2644	490810.04	3858810.04	1.42E-05	1.41E-05	1.37E-05	4.93E-09	1.49E-08	8.62E-09	8.51E-09	7.71E-09	3.52E-09	3.42E-09	0.00E+00	0.00E+00	1.59E-09	2.89E-10	1.83E-09	2.83E-10	2.65E-10	4.25E-09
2645	490860.04	3858810.04	1.37E-05	1.36E-05	1.32E-05	4.76E-09	1.44E-08	8.31E-09	8.21E-09	7.44E-09	3.39E-09	3.30E-09	0.00E+00	0.00E+00	1.53E-09	2.79E-10	1.77E-09	2.73E-10	2.55E-10	4.10E-09
2646	490360.04	3858860.04	1.73E-05	1.71E-05	1.66E-05	6.00E-09	1.81E-08	1.05E-08	1.03E-08	9.38E-09	4.28E-09	4.15E-09	0.00E+00	0.00E+00	1.93E-09	3.51E-10	2.23E-09	3.44E-10	3.22E-10	5.17E-09
2647	490410.04	3858860.04	1.69E-05	1.67E-05	1.62E-05	5.84E-09	1.76E-08	1.02E-08	1.01E-08	9.14E-09	4.17E-09	4.05E-09	0.00E+00	0.00E+00	1.88E-09	3.42E-10	2.17E-09	3.35E-10	3.14E-10	5.04E-09
2648	490460.04	3858860.04	1.64E-05	1.61E-05	1.57E-05	5.66E-09	1.71E-08	9.90E-09	9.77E-09	8.86E-09	4.04E-09	3.92E-09	0.00E+00	0.00E+00	1.82E-09	3.32E-10	2.10E-09	3.24E-10	3.04E-10	4.89E-09
2649	490510.04	3858860.04	1.60E-05	1.58E-05	1.53E-05	5.53E-09	1.67E-08	9.67E-09	9.54E-09	8.65E-09	3.95E-09	3.83E-09	0.00E+00	0.00E+00	1.78E-09	3.24E-10	2.05E-09	3.17E-10	2.97E-10	4.77E-09
2650	490560.04	3858860.04	1.55E-05	1.53E-05	1.49E-05	5.37E-09	1.62E-08	9.38E-09	9.26E-09	8.39E-09	3.83E-09	3.72E-09	0.00E+00	0.00E+00	1.73E-09	3.14E-10	1.99E-09	3.08E-10	2.88E-10	4.63E-09
2651	490610.04	3858860.04	1.49E-05	1.47E-05	1.43E-05	5.17E-09	1.56E-08	9.04E-09	8.92E-09	8.09E-09	3.69E-09	3.58E-09	0.00E+00	0.00E+00	1.66E-09	3.03E-10	1.92E-09	2.96E-10	2.78E-10	4.46E-09
2652	490660.04	3858860.04	1.45E-05	1.43E-05	1.39E-05	5.02E-09	1.52E-08	8.78E-09	8.66E-09	7.85E-09	3.58E-09	3.48E-09	0.00E+00	0.00E+00	1.61E-09	2.94E-10	1.87E-09	2.88E-10	2.69E-10	4.33E-09
2653	490710.04	3858860.04	1.41E-05	1.39E-05	1.35E-05	4.89E-09	1.48E-08	8.55E-09	8.44E-09	7.65E-09	3.49E-09	3.39E-09	0.00E+00	0.00E+00	1.57E-09	2.86E-10	1.82E-09	2.80E-10	2.63E-10	4.22E-09
2654	490760.04	3858860.04	1.36E-05	1.34E-05	1.30E-05	4.71E-09	1.42E-08	8.22E-09	8.12E-09	7.36E-09	3.36E-09	3.26E-09	0.00E+00	0.00E+00	1.51E-09	2.76E-10	1.75E-09	2.70E-10	2.52E-10	4.06E-09
2655	490810.04	3858860.04	1.31E-05	1.29E-05	1.25E-05	4.52E-09	1.37E-08	7.91E-09	7.81E-09	7.08E-09	3.23E-09	3.14E-09	0.00E+00	0.00E+00	1.45E-09	2.65E-10	1.68E-09	2.59E-10	2.43E-10	3.90E-09
2656	490860.04	3858860.04	1.25E-05	1.24E-05	1.20E-05	4.34E-09	1.31E-08	7.59E-09	7.49E-09	6.79E-09	3.10E-09	3.01E-09	0.00E+00	0.00E+00	1.40E-09	2.54E-10	1.61E-09	2.49E-10	2.33E-10	3.75E-09
2657	490360.04	3858910.04	1.65E-05	1.62E-05	1.58E-05	5.70E-09	1.72E-08	9.96E-09	9.83E-09	8.91E-09	4.06E-09	3.95E-09	0.00E+00	0.00E+00	1.83E-09	3.34E-10	2.12E-09	3.26E-10	3.06E-10	4.91E-09
2658	490410.04	3858910.04	1.60E-05	1.58E-05	1.53E-05	5.53E-09	1.67E-08	9.66E-09	9.54E-09	8.64E-09	3.94E-09	3.83E-09	0.00E+00	0.00E+00	1.78E-09	3.24E-10	2.05E-09	3.17E-10	2.97E-10	4.77E-09
2659	490460.04	3858910.04	1.55E-05	1.53E-05	1.48E-05	5.36E-09	1.62E-08	9.37E-09	9.25E-09	8.38E-09	3.82E-09	3.71E-09	0.00E+00	0.00E+00	1.72E-09	3.14E-10	1.99E-09	3.07E-10	2.88E-10	4.62E-09
2660	490510.04	3858910.04	1.50E-05	1.48E-05	1.44E-05	5.19E-09	1.57E-08	9.07E-09	8.96E-09	8.12E-09	3.70E-09	3.60E-09	0.00E+00	0.00E+00	1.67E-09	3.04E-10	1.93E-09	2.97E-10	2.79E-10	4.48E-09
2661	490560.04	3858910.04	1.45E-05	1.43E-05	1.39E-05	5.02E-09	1.51E-08	8.77E-09	8.65E-09	7.84E-09	3.58E-09	3.48E-09	0.00E+00	0.00E+00	1.61E-09	2.94E-10	1.86E-09	2.87E-10	2.69E-10	4.33E-09
2662	490610.04	3858910.04	1.40E-05	1.38E-05	1.34E-05	4.84E-09	1.46E-08	8.46E-09	8.35E-09	7.57E-09	3.45E-09	3.35E-09	0.00E+00	0.00E+00	1.56E-09	2.83E-10	1.80E-09	2.77E-10	2.60E-10	4.17E-09
2663	490660.04	3858910.04	1.35E-05	1.34E-05	1.30E-05	4.69E-09	1.42E-08	8.19E-09	8.09E-09	7.33E-09	3.34E-09	3.25E-09	0.00E+00	0.00E+00	1.51E-09	2.74E-10	1.74E-09	2.69E-10	2.52E-10	4.04E-09
2664	490710.04	3858910.04	1.31E-05	1.29E-05	1.25E-05	4.52E-09	1.36E-08	7.90E-09	7.79E-09	7.07E-09	3.22E-09	3.13E-09	0.00E+00	0.00E+00	1.45E-09	2.65E-10	1.68E-09	2.59E-10	2.42E-10	3.90E-09
2665	490760.04	3858910.04	1.25E-05	1.23E-05	1.20E-05	4.32E-09	1.31E-08	7.56E-09	7.46E-09	6.76E-09	3.09E-09	3.00E-09	0.00E+00	0.00E+00	1.39E-09	2.53E-10	1.61E-09	2.48E-10	2.32E-10	3.73E-09
2666	490810.04	3858910.04	1.21E-05	1.19E-05	1.16E-05	4.17E-09	1.26E-08	7.30E-09	7.20E-09	6.53E-09	2.98E-09	2.89E-09	0.00E+00	0.00E+00	1.34E-09	2.44E-10	1.55E-09	2.39E-10	2.24E-10	3.60E-09
2667	490860.04	3858910.04	1.15E-05	1.14E-05	1.10E-05	3.98E-09	1.20E-08	6.96E-09	6.87E-09	6.23E-09	2.84E-09	2.76E-09	0.00E+00	0.00E+00	1.28E-09	2.33E-10	1.48E-09	2.28E-10	2.14E-10	3.44E-09
2668	490360.04	3858960.04	1.56E-05	1.54E-05	1.49E-05	5.39E-09	1.63E-08	9.43E-09	9.31E-09	8.44E-09	3.85E-09	3.74E-09	0.00E+00	0.00E+00	1.73E-09	3.16E-10	2.00E-09	3.09E-10	2.89E-10	4.65E-09
2669	490410.04	3858960.04	1.51E-05	1.49E-05	1.44E-05	5.22E-09	1.57E-08	9.12E-09	9.00E-09	8.16E-09	3.72E-09	3.61E-09	0.00E+00	0.00E+00	1.68E-09	3.05E-10	1.94E-09	2.99E-10	2.80E-10	4.50E-09
2670	490460.04	3858960.04	1.45E-05	1.44E-05	1.39E-05	5.04E-09	1.52E-08	8.80E-09	8.69E-09	7.87E-09	3.59E-09	3.49E-09	0.00E+00	0.00E+00	1.62E-09	2.95E-10	1.87E-09	2.89E-10	2.70E-10	4.34E-09
2671	490510.04	3858960.04	1.41E-05	1.39E-05	1.35E-05	4.87E-09	1.47E-08	8.51E-09	8.40E-09	7.61E-09	3.47E-09	3.37E-09	0.00E+00	0.00E+00	1.57E-09	2.85E-10	1.81E-09	2.79E-10	2.61E-10	4.20E-09
2672	490560.04	3858960.04	1.36E-05	1.34E-05	1.30E-05	4.70E-09	1.42E-08	8.22E-09	8.11E-09	7.36E-09	3.36E-09	3.26E-09	0.00E+00	0.00E+00	1.51E-09	2.75E-10	1.75E-09	2.69E-10	2.52E-10	4.06E-09
2673	490610.04	3858960.04	1.30E-05	1.29E-05	1.25E-05	4.51E-09	1.36E-08	7.88E-09	7.78E-09	7.05E-09	3.22E-09	3.13E-09	0.00E+00	0.00E+00	1.45E-09	2.64E-10	1.68E-09	2.58E-10	2.42E-10	3.89E-09
2674	490660.04	3858960.04	1.27E-05	1.25E-05	1.22E-05	4.39E-09	1.33E-08	7.68E-09	7.58E-09	6.87E-09	3.13E-09	3.04E-09	0.00E+00	0.00E+00	1.41E-09	2.57E-10	1.63E-09	2.52E-10	2.36E-10	3.79E-09
2675	490710.04	3858960.04	1.21E-05	1.20E-05	1.16E-05	4.20E-09	1.27E-08	7.34E-09	7.25E-09	6.57E-09	3.00E-09	2.91E-09	0.00E+00	0.00E+00	1.35E-09	2.46E-10	1.56E-09	2.41E-10	2.25E-10	3.62E-09
2676	490760.04	3858960.04	1.16E-05	1.15E-05	1.12E-05	4.03E-09	1.22E-08	7.04E-09	6.95E-09	6.30E-09	2.87E-09	2.79E-09	0.00E+00	0.00E+00	1.30E-09	2.36E-10	1.50E-09	2.31E-10	2.16E-10	3.47E-09
2677	490810.04	3858960.04	1.11E-05	1.10E-05	1.07E-05	3.86E-09	1.16E-08	6.74E-09	6.65E-09	6.03E-09	2.75E-09	2.67E-09	0.00E+00	0.00E+00	1.24E-09	2.26E-10	1.43E-09	2.21E-10	2.07E-10	3.33E-09
2678	490860.04	3858960.04	1.06E-05	1.05E-05	1.01E-05	3.67E-09	1.11E-08	6.41E-09	6.32E-09	5.73E-09	2.62E-09	2.54E-09	0.00E+00	0.00E+00	1.18E-09	2.15E-10	1.36E-09	2.10E-10	1.97E-10	3.16E-09
2679	490360.04	3859010.04	1.48E-05	1.46E-05	1.41E-05	5.11E-09	1.54E-08	8.93E-09	8.82E-09	7.99E-09	3.65E-09	3.54E-09	0.00E+00	0.00E+00	1.64E-09	2.99E-10	1.90E-09	2.93E-10	2.74E-10	4.41E-09
2680	490410.04	3859010.04	1.42E-05	1.40E-05	1.36E-05	4.93E-09	1.49E-08	8.61E-09	8.50E-09	7.70E-09	3.51E-09	3.41E-09	0.00E+00	0.00E+00	1.58E-09	2.88E-10	1.83E-09	2.82E-10	2.64E-10	4.25E-09
2681	490460.04	3859010.04	1.36E-05	1.35E-05	1.31E-05	4.72E-09	1.43E-08	8.26E-09	8.15E-09	7.39E-09	3.37E-09	3.27E-09	0.00E+00	0.00E+00	1.52E-09	2.77E-10	1.75E-09	2.71E-10	2.53E-10	4.07E-09
2682	490510.04	3859010.04	1.31E-05	1.29E-05	1.25E-05	4.53E-09	1.37E-08	7.91E-09	7.81E-09	7.08E-09	3.23E-09	3.14E-09	0.00E+00	0.00E+00	1.46E-09	2.65E-10	1.68E-09	2.59E-10	2.43E-10	3.90E-09
2683	490560.04	3859010.04	1.27E-05	1.25E-05	1.22E-05	4.39E-09	1.33E-08	7.68E-09	7.58E-09	6.87E-09	3.13E-09	3.04E-09	0.00E+00	0.00E+00	1.41E-09	2.57E-10	1.63E-09	2.52E-10	2.36E-10	3.79E-09
2684	490610.04	3859010.04	1.21E-05	1.20E-05	1.16E-05	4.20E-09	1.27E-08	7.35E-09	7.25E-09	6.57E-09	3.00E-09	2.91E-09	0.00E+00	0.00E+00	1.35E-09	2.46E-10	1.56E-09	2.41E-10	2.26E-10	3.63E-09
2685	490660.04	3859010.04	1.18E-05	1.17E-05	1.13E-05	4.09E-09	1.24E-08	7.16E-09	7.06E-09	6.40E-09	2.92E-09	2.84E-09	0.00E+00	0.00E+00	1.32E-09	2.40E-10	1.52E-09	2.35E-10	2.20E-10	3.53E-09
2686	490710.04	3859010.04	1.13E-05	1.11E-05	1.08E-05	3.90E-09	1.18E-08	6.82E-09	6.73E-09	6.10E-09	2.78E-09	2.70E-09	0.00E+00	0.00E+00	1.25E-09	2.28E-10	1.45E-09	2.24E-10	2.09E-10	3.37E-09
2687	490760.04	3859010.04	1.08E-05	1.06E-05	1.03E-05	3.73E-09	1.13E-08	6.51E-09	6.43E-09	5.83E-09	2.66E-09	2.58E-09	0.00E+00	0.00E+00	1.20E-09	2.18E-10	1.38E-09	2.14E-10	2.00E-10	3.21E-09
2688	490810.04	3859010.04	1.03E-05	1.01E-05	9.84E-06	3.55E-09	1.07E-08	6.21E-09	6.13E-09	5.56E-09	2.54E-09	2.46E-09	0.00E+00	0.00E+00	1.14E-09	2.08E-10	1.32E-09	2.04E-10	1.91E-10	3.07E-09
2689	490860.04	3859010.04	9.82E-06	9.69E-06	9.41E-06	3.40E-09	1.03E-08	5.94E-09	5.86E-09	5.32E-09	2.43E-09	2.36E-09	0.00E+00	0.00E+00	1.09E-09	1.99E-10	1.26E-09	1.95E-10	1.82E-10	2.93E-09
2690	490360.04	3859060.04	1.40E-05	1.38E-05	1.34E-05	4.83E-09	1.46E-08	8.44E-09	8.33E-09	7.55E-09	3.45E-09	3.35E-09	0.00E+00	0.00E+00	1.55E-09	2.83E-10	1.80E-09	2.77E-10	2.59E-10	4.17E-09
2691	490410.04	3859060.04	1.33E-05	1.32E-05	1.28E-05	4.61E-09	1.39E-08	8.06E-09	7.96E-09	7.21E-09	3.29E-09	3.20E-09	0.00E+00	0.00E+00	1.48E-09	2.70E-10	1.71E-09	2.64E-10	2.48E-10	3.98E-09
2692	490460.04	3859060.04	1.28E-05	1.26E-05	1.22E-05	4.42E-09	1.34E-08	7.73E-09	7.63E-09	6.92E-09	3.16E-09	3.07E-09	0.00E+00	0.00E+00	1.42E-09	2.59E-10	1.64E-09	2.53E-10	2.37E-10	3.82E-09
2693	490510.04	3859060.04	1.23E-05	1.21E-05	1.18E-05	4.25E-09	1.28E-08	7.44E-09	7.34E-09	6.65E-09	3.04E-09	2.95E-09	0.00E+00	0.00E+00	1.37E-09	2.49E-10	1.58E-09	2.44E-10	2.28E-10	3.67E-09
2694	490560.04	3859060.04	1.17E-05	1.16E-05	1.13E-05	4.06E-09	1.23E-08	7.10E-09	7.01E-09	6.36E-09	2.90E-09	2.82E-09	0.00E+00	0.00E+00	1.31E-09	2.38E-10	1.51E-09	2.33E-10	2.18E-10	3.51E-09
2695	490610.04	3859060.04	1.13E-05	1.12E-05	1.09E-05	3.92E-09	1.18E-08	6.86E-09	6.77E-09	6.14E-09	2.80E-09	2.72E-09	0.00E+00	0.00E+00	1.26E-09	2.30E-10	1.46E-09	2.25E-10	2.11E-10	3.39E-09
2696	490660.04	3859060.04	1.10E-05	1.08E-05	1.05E-05	3.79E-09	1.15E-08	6.63E-09	6.54E-09	5.93E-09	2.71E-09	2.63E-09	0.00E+00	0.00E+00	1.22E-09	2.22E-10	1.41E-09	2.17E-10	2.04E-10	3.27E-09

2697	490710.04	3859060.04	1.04E-05	1.03E-05	9.98E-06	3.61E-09	1.09E-08	6.30E-09	6.22E-09	5.64E-09	2.57E-09	2.50E-09	0.00E+00	0.00E+00	1.16E-09	2.11E-10	1.34E-09	2.07E-10	1.93E-10	3.11E-09
2698	490760.04	3859060.04	9.93E-06	9.80E-06	9.52E-06	3.44E-09	1.04E-08	6.01E-09	5.93E-09	5.37E-09	2.45E-09	2.38E-09	0.00E+00	0.00E+00	1.11E-09	2.01E-10	1.28E-09	1.97E-10	1.84E-10	2.96E-09
2699	490810.04	3859060.04	9.44E-06	9.32E-06	9.05E-06	3.27E-09	9.87E-09	5.71E-09	5.64E-09	5.11E-09	2.33E-09	2.26E-09	0.00E+00	0.00E+00	1.05E-09	1.91E-10	1.21E-09	1.87E-10	1.75E-10	2.82E-09
2700	490860.04	3859060.04	9.01E-06	8.90E-06	8.64E-06	3.12E-09	9.42E-09	5.45E-09	5.38E-09	4.88E-09	2.23E-09	2.16E-09	0.00E+00	0.00E+00	1.00E-09	1.83E-10	1.16E-09	1.79E-10	1.67E-10	2.69E-09
2701	490360.04	3859110.04	1.32E-05	1.31E-05	1.27E-05	4.59E-09	1.38E-08	8.01E-09	7.91E-09	7.17E-09	3.27E-09	3.18E-09	0.00E+00	0.00E+00	1.47E-09	2.68E-10	1.70E-09	2.63E-10	2.46E-10	3.96E-09
2702	490410.04	3859110.04	1.26E-05	1.25E-05	1.21E-05	4.37E-09	1.32E-08	7.64E-09	7.54E-09	6.84E-09	3.12E-09	3.03E-09	0.00E+00	0.00E+00	1.41E-09	2.56E-10	1.62E-09	2.51E-10	2.35E-10	3.77E-09
2703	490460.04	3859110.04	1.22E-05	1.20E-05	1.16E-05	4.21E-09	1.27E-08	7.35E-09	7.26E-09	6.58E-09	3.00E-09	2.91E-09	0.00E+00	0.00E+00	1.35E-09	2.46E-10	1.56E-09	2.41E-10	2.26E-10	3.63E-09
2704	490510.04	3859110.04	1.15E-05	1.13E-05	1.10E-05	3.97E-09	1.20E-08	6.93E-09	6.84E-09	6.20E-09	2.83E-09	2.75E-09	0.00E+00	0.00E+00	1.28E-09	2.32E-10	1.47E-09	2.27E-10	2.13E-10	3.42E-09
2705	490560.04	3859110.04	1.10E-05	1.08E-05	1.05E-05	3.80E-09	1.15E-08	6.64E-09	6.55E-09	5.94E-09	2.71E-09	2.63E-09	0.00E+00	0.00E+00	1.22E-09	2.22E-10	1.41E-09	2.18E-10	2.04E-10	3.28E-09
2706	490610.04	3859110.04	1.05E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.33E-09	6.25E-09	5.66E-09	2.58E-09	2.51E-09	0.00E+00	0.00E+00	1.16E-09	2.12E-10	1.35E-09	2.07E-10	1.94E-10	3.12E-09
2707	490660.04	3859110.04	9.91E-06	9.78E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.36E-09	2.45E-09	2.38E-09	0.00E+00	0.00E+00	1.10E-09	2.01E-10	1.27E-09	1.97E-10	1.84E-10	2.96E-09
2708	490710.04	3859110.04	9.55E-06	9.42E-06	9.15E-06	3.30E-09	9.98E-09	5.78E-09	5.70E-09	5.17E-09	2.36E-09	2.29E-09	0.00E+00	0.00E+00	1.06E-09	1.94E-10	1.23E-09	1.89E-10	1.77E-10	2.85E-09
2709	490760.04	3859110.04	9.12E-06	9.00E-06	8.74E-06	3.16E-09	9.53E-09	5.52E-09	5.44E-09	4.93E-09	2.25E-09	2.19E-09	0.00E+00	0.00E+00	1.01E-09	1.85E-10	1.17E-09	1.81E-10	1.69E-10	2.72E-09
2710	490810.04	3859110.04	8.63E-06	8.52E-06	8.27E-06	2.99E-09	9.02E-09	5.22E-09	5.15E-09	4.67E-09	2.13E-09	2.07E-09	0.00E+00	0.00E+00	9.61E-10	1.75E-10	1.11E-09	1.71E-10	1.60E-10	2.58E-09
2711	490860.04	3859110.04	8.17E-06	8.07E-06	7.83E-06	2.83E-09	8.54E-09	4.95E-09	4.88E-09	4.42E-09	2.02E-09	1.96E-09	0.00E+00	0.00E+00	9.10E-10	1.66E-10	1.05E-09	1.62E-10	1.52E-10	2.44E-09
2712	490360.04	3859160.04	1.26E-05	1.24E-05	1.21E-05	4.36E-09	1.32E-08	7.63E-09	7.53E-09	6.82E-09	3.11E-09	3.02E-09	0.00E+00	0.00E+00	1.40E-09	2.55E-10	1.62E-09	2.50E-10	2.34E-10	3.76E-09
2713	490410.04	3859160.04	1.20E-05	1.19E-05	1.15E-05	4.17E-09	1.26E-08	7.28E-09	7.19E-09	6.51E-09	2.97E-09	2.89E-09	0.00E+00	0.00E+00	1.34E-09	2.44E-10	1.55E-09	2.39E-10	2.23E-10	3.59E-09
2714	490460.04	3859160.04	1.15E-05	1.14E-05	1.10E-05	3.98E-09	1.20E-08	6.96E-09	6.87E-09	6.23E-09	2.84E-09	2.76E-09	0.00E+00	0.00E+00	1.28E-09	2.33E-10	1.48E-09	2.28E-10	2.14E-10	3.43E-09
2715	490510.04	3859160.04	1.10E-05	1.08E-05	1.05E-05	3.80E-09	1.15E-08	6.63E-09	6.55E-09	5.94E-09	2.71E-09	2.63E-09	0.00E+00	0.00E+00	1.22E-09	2.22E-10	1.41E-09	2.17E-10	2.04E-10	3.27E-09
2716	490560.04	3859160.04	1.04E-05	1.02E-05	9.92E-06	3.58E-09	1.08E-08	6.26E-09	6.18E-09	5.60E-09	2.56E-09	2.48E-09	0.00E+00	0.00E+00	1.15E-09	2.10E-10	1.33E-09	2.05E-10	1.92E-10	3.09E-09
2717	490610.04	3859160.04	9.91E-06	9.78E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.37E-09	2.45E-09	2.38E-09	0.00E+00	0.00E+00	1.10E-09	2.01E-10	1.27E-09	1.97E-10	1.84E-10	2.96E-09
2718	490660.04	3859160.04	9.13E-06	9.01E-06	8.75E-06	3.16E-09	9.55E-09	5.53E-09	5.45E-09	4.94E-09	2.26E-09	2.19E-09	0.00E+00	0.00E+00	1.02E-09	1.85E-10	1.17E-09	1.81E-10	1.70E-10	2.73E-09
2719	490710.04	3859160.04	8.77E-06	8.65E-06	8.40E-06	3.04E-09	9.16E-09	5.31E-09	5.24E-09	4.75E-09	2.17E-09	2.10E-09	0.00E+00	0.00E+00	9.76E-10	1.78E-10	1.13E-09	1.74E-10	1.63E-10	2.62E-09
2720	490760.04	3859160.04	8.20E-06	8.09E-06	7.86E-06	2.84E-09	8.57E-09	4.96E-09	4.90E-09	4.44E-09	2.03E-09	1.97E-09	0.00E+00	0.00E+00	9.13E-10	1.66E-10	1.05E-09	1.63E-10	1.52E-10	2.45E-09
2721	490810.04	3859160.04	7.86E-06	7.76E-06	7.54E-06	2.72E-09	8.22E-09	4.76E-09	4.70E-09	4.26E-09	1.94E-09	1.89E-09	0.00E+00	0.00E+00	8.75E-10	1.59E-10	1.01E-09	1.56E-10	1.46E-10	2.35E-09
2722	490860.04	3859160.04	7.52E-06	7.42E-06	7.21E-06	2.60E-09	7.86E-09	4.55E-09	4.49E-09	4.07E-09	1.86E-09	1.80E-09	0.00E+00	0.00E+00	8.37E-10	1.52E-10	9.67E-10	1.49E-10	1.40E-10	2.24E-09
2723	490360.04	3859210.04	1.20E-05	1.18E-05	1.15E-05	4.15E-09	1.25E-08	7.25E-09	7.16E-09	6.49E-09	2.96E-09	2.88E-09	0.00E+00	0.00E+00	1.33E-09	2.43E-10	1.54E-09	2.38E-10	2.23E-10	3.58E-09
2724	490410.04	3859210.04	1.16E-05	1.14E-05	1.11E-05	4.01E-09	1.21E-08	7.00E-09	6.91E-09	6.27E-09	2.86E-09	2.78E-09	0.00E+00	0.00E+00	1.29E-09	2.35E-10	1.49E-09	2.30E-10	2.15E-10	3.46E-09
2725	490460.04	3859210.04	1.09E-05	1.08E-05	1.05E-05	3.78E-09	1.14E-08	6.60E-09	6.51E-09	5.90E-09	2.69E-09	2.62E-09	0.00E+00	0.00E+00	1.21E-09	2.21E-10	1.40E-09	2.16E-10	2.03E-10	3.26E-09
2726	490510.04	3859210.04	1.04E-05	1.02E-05	9.93E-06	3.59E-09	1.08E-08	6.27E-09	6.19E-09	5.61E-09	2.56E-09	2.49E-09	0.00E+00	0.00E+00	1.15E-09	2.10E-10	1.33E-09	2.06E-10	1.92E-10	3.09E-09
2727	490560.04	3859210.04	9.94E-06	9.81E-06	9.53E-06	3.44E-09	1.04E-08	6.02E-09	5.94E-09	5.38E-09	2.46E-09	2.39E-09	0.00E+00	0.00E+00	1.11E-09	2.02E-10	1.28E-09	1.97E-10	1.85E-10	2.97E-09
2728	490610.04	3859210.04	9.43E-06	9.30E-06	9.04E-06	3.26E-09	9.85E-09	5.70E-09	5.63E-09	5.10E-09	2.33E-09	2.26E-09	0.00E+00	0.00E+00	1.05E-09	1.91E-10	1.21E-09	1.87E-10	1.75E-10	2.82E-09
2729	490660.04	3859210.04	8.74E-06	8.63E-06	8.38E-06	3.03E-09	9.14E-09	5.29E-09	5.22E-09	4.73E-09	2.16E-09	2.10E-09	0.00E+00	0.00E+00	9.73E-10	1.77E-10	1.12E-09	1.73E-10	1.62E-10	2.61E-09
2730	490710.04	3859210.04	8.33E-06	8.22E-06	7.98E-06	2.88E-09	8.71E-09	5.04E-09	4.97E-09	4.51E-09	2.06E-09	2.00E-09	0.00E+00	0.00E+00	9.27E-10	1.69E-10	1.07E-09	1.65E-10	1.55E-10	2.49E-09
2731	490760.04	3859210.04	7.76E-06	7.66E-06	7.44E-06	2.69E-09	8.11E-09	4.70E-09	4.63E-09	4.20E-09	1.92E-09	1.86E-09	0.00E+00	0.00E+00	8.64E-10	1.57E-10	9.98E-10	1.54E-10	1.44E-10	2.32E-09
2732	490810.04	3859210.04	7.61E-06	7.51E-06	7.29E-06	2.63E-09	7.95E-09	4.60E-09	4.54E-09	4.12E-09	1.88E-09	1.83E-09	0.00E+00	0.00E+00	8.47E-10	1.54E-10	9.79E-10	1.51E-10	1.41E-10	2.27E-09
2733	490860.04	3859210.04	7.45E-06	7.35E-06	7.14E-06	2.58E-09	7.78E-09	4.50E-09	4.45E-09	4.03E-09	1.84E-09	1.79E-09	0.00E+00	0.00E+00	8.29E-10	1.51E-10	9.58E-10	1.48E-10	1.38E-10	2.22E-09
2734	490360.04	3859260.04	1.14E-05	1.12E-05	1.09E-05	3.93E-09	1.19E-08	6.87E-09	6.78E-09	6.15E-09	2.80E-09	2.72E-09	0.00E+00	0.00E+00	1.26E-09	2.30E-10	1.46E-09	2.25E-10	2.11E-10	3.39E-09
2735	490410.04	3859260.04	1.09E-05	1.08E-05	1.05E-05	3.78E-09	1.14E-08	6.61E-09	6.52E-09	5.91E-09	2.70E-09	2.62E-09	0.00E+00	0.00E+00	1.22E-09	2.21E-10	1.40E-09	2.17E-10	2.03E-10	3.26E-09
2736	490460.04	3859260.04	1.05E-05	1.04E-05	1.01E-05	3.65E-09	1.10E-08	6.37E-09	6.29E-09	5.70E-09	2.60E-09	2.53E-09	0.00E+00	0.00E+00	1.17E-09	2.14E-10	1.36E-09	2.09E-10	1.96E-10	3.15E-09
2737	490510.04	3859260.04	1.02E-05	1.00E-05	9.74E-06	3.52E-09	1.06E-08	6.15E-09	6.07E-09	5.50E-09	2.51E-09	2.44E-09	0.00E+00	0.00E+00	1.13E-09	2.06E-10	1.31E-09	2.02E-10	1.89E-10	3.03E-09
2738	490560.04	3859260.04	9.68E-06	9.55E-06	9.28E-06	3.35E-09	1.01E-08	5.86E-09	5.78E-09	5.24E-09	2.39E-09	2.32E-09	0.00E+00	0.00E+00	1.08E-09	1.96E-10	1.25E-09	1.92E-10	1.80E-10	2.89E-09
2739	490610.04	3859260.04	9.06E-06	8.95E-06	8.69E-06	3.14E-09	9.47E-09	5.48E-09	5.41E-09	4.91E-09	2.24E-09	2.17E-09	0.00E+00	0.00E+00	1.01E-09	1.84E-10	1.17E-09	1.80E-10	1.68E-10	2.71E-09
2740	490660.04	3859260.04	8.83E-06	8.72E-06	8.46E-06	3.06E-09	9.23E-09	5.34E-09	5.27E-09	4.78E-09	2.18E-09	2.12E-09	0.00E+00	0.00E+00	9.83E-10	1.79E-10	1.14E-09	1.75E-10	1.64E-10	2.64E-09
2741	490710.04	3859260.04	8.47E-06	8.36E-06	8.12E-06	2.93E-09	8.85E-09	5.12E-09	5.06E-09	4.59E-09	2.09E-09	2.03E-09	0.00E+00	0.00E+00	9.43E-10	1.72E-10	1.09E-09	1.68E-10	1.57E-10	2.53E-09
2742	490760.04	3859260.04	7.89E-06	7.79E-06	7.56E-06	2.73E-09	8.25E-09	4.78E-09	4.71E-09	4.27E-09	1.95E-09	1.89E-09	0.00E+00	0.00E+00	8.79E-10	1.60E-10	1.02E-09	1.57E-10	1.47E-10	2.36E-09
2743	490810.04	3859260.04	7.67E-06	7.57E-06	7.36E-06	2.66E-09	8.02E-09	4.64E-09	4.58E-09	4.15E-09	1.90E-09	1.84E-09	0.00E+00	0.00E+00	8.54E-10	1.56E-10	9.87E-10	1.52E-10	1.43E-10	2.29E-09
2744	490860.04	3859260.04	7.46E-06	7.37E-06	7.15E-06	2.58E-09	7.80E-09	4.52E-09	4.46E-09	4.04E-09	1.84E-09	1.79E-09	0.00E+00	0.00E+00	8.31E-10	1.51E-10	9.60E-10	1.48E-10	1.39E-10	2.23E-09
2745	490360.04	3859310.04	1.09E-05	1.07E-05	1.04E-05	3.76E-09	1.13E-08	6.57E-09	6.48E-09	5.88E-09	2.68E-09	2.60E-09	0.00E+00	0.00E+00	1.21E-09	2.20E-10	1.40E-09	2.15E-10	2.02E-10	3.24E-09
2746	490410.04	3859310.04	1.05E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.32E-09	6.24E-09	5.66E-09	2.58E-09	2.51E-09	0.00E+00	0.00E+00	1.16E-09	2.12E-10	1.34E-09	2.07E-10	1.94E-10	3.12E-09
2747	490460.04	3859310.04	1.01E-05	9.94E-06	9.65E-06	3.49E-09	1.05E-08	6.10E-09	6.02E-09	5.45E-09	2.49E-09	2.42E-09	0.00E+00	0.00E+00	1.12E-09	2.04E-10	1.30E-09	2.00E-10	1.87E-10	3.01E-09
2748	490510.04	3859310.04	9.75E-06	9.62E-06	9.34E-06	3.38E-09	1.02E-08	5.90E-09	5.82E-09	5.28E-09	2.41E-09	2.34E-09	0.00E+00	0.00E+00	1.09E-09	1.98E-10	1.25E-09	1.93E-10	1.81E-10	2.91E-09
2749	490560.04	3859310.04	9.42E-06	9.29E-06	9.03E-06	3.26E-09	9.84E-09	5.70E-09	5.62E-09	5.10E-09	2.33E-09	2.26E-09	0.00E+00	0.00E+00	1.05E-09	1.91E-10	1.21E-09	1.87E-10	1.75E-10	2.81E-09

2750	490610.04	3859310.04	9.12E-06	9.00E-06	8.74E-06	3.16E-09	9.53E-09	5.52E-09	5.45E-09	4.94E-09	2.25E-09	2.19E-09	0.00E+00	0.00E+00	1.02E-09	1.85E-10	1.17E-09	1.81E-10	1.69E-10	2.72E-09
2751	490660.04	3859310.04	8.78E-06	8.66E-06	8.41E-06	3.04E-09	9.17E-09	5.31E-09	5.24E-09	4.75E-09	2.17E-09	2.11E-09	0.00E+00	0.00E+00	9.77E-10	1.78E-10	1.13E-09	1.74E-10	1.63E-10	2.62E-09
2752	490710.04	3859310.04	8.25E-06	8.14E-06	7.90E-06	2.85E-09	8.62E-09	4.99E-09	4.92E-09	4.46E-09	2.04E-09	1.98E-09	0.00E+00	0.00E+00	9.18E-10	1.67E-10	1.06E-09	1.64E-10	1.53E-10	2.46E-09
2753	490760.04	3859310.04	7.89E-06	7.79E-06	7.57E-06	2.73E-09	8.25E-09	4.78E-09	4.71E-09	4.27E-09	1.95E-09	1.89E-09	0.00E+00	0.00E+00	8.79E-10	1.60E-10	1.02E-09	1.57E-10	1.47E-10	2.36E-09
2754	490810.04	3859310.04	7.66E-06	7.56E-06	7.34E-06	2.65E-09	8.01E-09	4.64E-09	4.58E-09	4.15E-09	1.89E-09	1.84E-09	0.00E+00	0.00E+00	8.53E-10	1.55E-10	9.86E-10	1.52E-10	1.42E-10	2.29E-09
2755	490860.04	3859310.04	7.36E-06	7.26E-06	7.05E-06	2.55E-09	7.69E-09	4.45E-09	4.39E-09	3.98E-09	1.82E-09	1.76E-09	0.00E+00	0.00E+00	8.19E-10	1.49E-10	9.46E-10	1.46E-10	1.37E-10	2.20E-09
2756	490360.04	3859360.04	1.03E-05	1.02E-05	9.91E-06	3.58E-09	1.08E-08	6.26E-09	6.18E-09	5.60E-09	2.56E-09	2.48E-09	0.00E+00	0.00E+00	1.15E-09	2.10E-10	1.33E-09	2.05E-10	1.92E-10	3.09E-09
2757	490410.04	3859360.04	1.00E-05	9.89E-06	9.60E-06	3.47E-09	1.05E-08	6.06E-09	5.98E-09	5.42E-09	2.47E-09	2.40E-09	0.00E+00	0.00E+00	1.12E-09	2.03E-10	1.29E-09	1.99E-10	1.86E-10	2.99E-09
2758	490460.04	3859360.04	9.71E-06	9.59E-06	9.31E-06	3.36E-09	1.02E-08	5.88E-09	5.80E-09	5.26E-09	2.40E-09	2.33E-09	0.00E+00	0.00E+00	1.08E-09	1.97E-10	1.25E-09	1.93E-10	1.80E-10	2.90E-09
2759	490510.04	3859360.04	9.41E-06	9.29E-06	9.02E-06	3.26E-09	9.84E-09	5.70E-09	5.62E-09	5.10E-09	2.33E-09	2.26E-09	0.00E+00	0.00E+00	1.05E-09	1.91E-10	1.21E-09	1.87E-10	1.75E-10	2.81E-09
2760	490560.04	3859360.04	9.08E-06	8.96E-06	8.70E-06	3.14E-09	9.49E-09	5.49E-09	5.42E-09	4.91E-09	2.24E-09	2.18E-09	0.00E+00	0.00E+00	1.01E-09	1.84E-10	1.17E-09	1.80E-10	1.69E-10	2.71E-09
2761	490610.04	3859360.04	8.75E-06	8.63E-06	8.38E-06	3.03E-09	9.14E-09	5.29E-09	5.22E-09	4.74E-09	2.16E-09	2.10E-09	0.00E+00	0.00E+00	9.74E-10	1.77E-10	1.13E-09	1.74E-10	1.62E-10	2.61E-09
2762	490660.04	3859360.04	8.46E-06	8.35E-06	8.11E-06	2.93E-09	8.84E-09	5.12E-09	5.05E-09	4.58E-09	2.09E-09	2.03E-09	0.00E+00	0.00E+00	9.42E-10	1.71E-10	1.09E-09	1.68E-10	1.57E-10	2.53E-09
2763	490710.04	3859360.04	8.10E-06	8.00E-06	7.77E-06	2.80E-09	8.47E-09	4.90E-09	4.84E-09	4.39E-09	2.00E-09	1.94E-09	0.00E+00	0.00E+00	9.02E-10	1.64E-10	1.04E-09	1.61E-10	1.50E-10	2.42E-09
2764	490760.04	3859360.04	7.73E-06	7.63E-06	7.41E-06	2.68E-09	8.08E-09	4.68E-09	4.62E-09	4.18E-09	1.91E-09	1.85E-09	0.00E+00	0.00E+00	8.61E-10	1.57E-10	9.94E-10	1.53E-10	1.44E-10	2.31E-09
2765	490810.04	3859360.04	7.57E-06	7.47E-06	7.25E-06	2.62E-09	7.91E-09	4.58E-09	4.52E-09	4.10E-09	1.87E-09	1.82E-09	0.00E+00	0.00E+00	8.43E-10	1.53E-10	9.74E-10	1.50E-10	1.41E-10	2.26E-09
2766	490860.04	3859360.04	7.31E-06	7.22E-06	7.01E-06	2.53E-09	7.64E-09	4.43E-09	4.37E-09	3.96E-09	1.81E-09	1.75E-09	0.00E+00	0.00E+00	8.14E-10	1.48E-10	9.41E-10	1.45E-10	1.36E-10	2.18E-09
2767	490360.04	3859410.04	9.80E-06	9.68E-06	9.40E-06	3.39E-09	1.02E-08	5.93E-09	5.85E-09	5.31E-09	2.42E-09	2.35E-09	0.00E+00	0.00E+00	1.09E-09	1.99E-10	1.26E-09	1.94E-10	1.82E-10	2.93E-09
2768	490410.04	3859410.04	9.53E-06	9.40E-06	9.13E-06	3.30E-09	9.96E-09	5.76E-09	5.69E-09	5.16E-09	2.35E-09	2.28E-09	0.00E+00	0.00E+00	1.06E-09	1.93E-10	1.23E-09	1.89E-10	1.77E-10	2.84E-09
2769	490460.04	3859410.04	9.25E-06	9.13E-06	8.87E-06	3.20E-09	9.67E-09	5.60E-09	5.52E-09	5.01E-09	2.29E-09	2.22E-09	0.00E+00	0.00E+00	1.03E-09	1.88E-10	1.19E-09	1.83E-10	1.72E-10	2.76E-09
2770	490510.04	3859410.04	8.98E-06	8.86E-06	8.61E-06	3.11E-09	9.39E-09	5.43E-09	5.36E-09	4.86E-09	2.22E-09	2.15E-09	0.00E+00	0.00E+00	1.00E-09	1.82E-10	1.16E-09	1.78E-10	1.67E-10	2.68E-09
2771	490560.04	3859410.04	8.72E-06	8.61E-06	8.36E-06	3.02E-09	9.11E-09	5.28E-09	5.21E-09	4.72E-09	2.15E-09	2.09E-09	0.00E+00	0.00E+00	9.71E-10	1.77E-10	1.12E-09	1.73E-10	1.62E-10	2.60E-09
2772	490610.04	3859410.04	8.46E-06	8.35E-06	8.11E-06	2.93E-09	8.85E-09	5.12E-09	5.05E-09	4.58E-09	2.09E-09	2.03E-09	0.00E+00	0.00E+00	9.42E-10	1.72E-10	1.09E-09	1.68E-10	1.57E-10	2.53E-09
2773	490660.04	3859410.04	8.16E-06	8.05E-06	7.82E-06	2.82E-09	8.53E-09	4.94E-09	4.87E-09	4.42E-09	2.01E-09	1.96E-09	0.00E+00	0.00E+00	9.08E-10	1.65E-10	1.05E-09	1.62E-10	1.52E-10	2.44E-09
2774	490710.04	3859410.04	7.88E-06	7.77E-06	7.55E-06	2.73E-09	8.23E-09	4.77E-09	4.70E-09	4.26E-09	1.95E-09	1.89E-09	0.00E+00	0.00E+00	8.77E-10	1.60E-10	1.01E-09	1.56E-10	1.46E-10	2.35E-09
2775	490760.04	3859410.04	7.54E-06	7.44E-06	7.23E-06	2.61E-09	7.88E-09	4.56E-09	4.50E-09	4.08E-09	1.86E-09	1.81E-09	0.00E+00	0.00E+00	8.39E-10	1.53E-10	9.70E-10	1.50E-10	1.40E-10	2.25E-09
2776	490810.04	3859410.04	7.36E-06	7.27E-06	7.06E-06	2.55E-09	7.70E-09	4.46E-09	4.40E-09	3.99E-09	1.82E-09	1.77E-09	0.00E+00	0.00E+00	8.20E-10	1.49E-10	9.47E-10	1.46E-10	1.37E-10	2.20E-09
2777	490860.04	3859410.04	7.24E-06	7.14E-06	6.94E-06	2.50E-09	7.56E-09	4.38E-09	4.32E-09	3.92E-09	1.79E-09	1.74E-09	0.00E+00	0.00E+00	8.06E-10	1.47E-10	9.31E-10	1.44E-10	1.34E-10	2.16E-09
2778	490360.04	3859460.04	9.27E-06	9.15E-06	8.88E-06	3.21E-09	9.69E-09	5.61E-09	5.53E-09	5.02E-09	2.29E-09	2.22E-09	0.00E+00	0.00E+00	1.03E-09	1.88E-10	1.19E-09	1.84E-10	1.72E-10	2.77E-09
2779	490410.04	3859460.04	9.00E-06	8.88E-06	8.62E-06	3.11E-09	9.40E-09	5.44E-09	5.37E-09	4.87E-09	2.22E-09	2.16E-09	0.00E+00	0.00E+00	1.00E-09	1.82E-10	1.16E-09	1.78E-10	1.67E-10	2.69E-09
2780	490460.04	3859460.04	8.76E-06	8.64E-06	8.39E-06	3.03E-09	9.15E-09	5.30E-09	5.23E-09	4.74E-09	2.16E-09	2.10E-09	0.00E+00	0.00E+00	9.75E-10	1.77E-10	1.13E-09	1.74E-10	1.63E-10	2.61E-09
2781	490510.04	3859460.04	8.52E-06	8.41E-06	8.17E-06	2.95E-09	8.90E-09	5.16E-09	5.09E-09	4.61E-09	2.10E-09	2.04E-09	0.00E+00	0.00E+00	9.48E-10	1.73E-10	1.10E-09	1.69E-10	1.58E-10	2.54E-09
2782	490560.04	3859460.04	8.29E-06	8.19E-06	7.95E-06	2.87E-09	8.67E-09	5.02E-09	4.95E-09	4.49E-09	2.05E-09	1.99E-09	0.00E+00	0.00E+00	9.23E-10	1.68E-10	1.07E-09	1.64E-10	1.54E-10	2.48E-09
2783	490610.04	3859460.04	8.06E-06	7.96E-06	7.73E-06	2.79E-09	8.43E-09	4.88E-09	4.81E-09	4.36E-09	1.99E-09	1.93E-09	0.00E+00	0.00E+00	8.97E-10	1.63E-10	1.04E-09	1.60E-10	1.50E-10	2.41E-09
2784	490660.04	3859460.04	7.83E-06	7.72E-06	7.50E-06	2.71E-09	8.18E-09	4.74E-09	4.67E-09	4.24E-09	1.93E-09	1.88E-09	0.00E+00	0.00E+00	8.71E-10	1.59E-10	1.01E-09	1.55E-10	1.45E-10	2.34E-09
2785	490710.04	3859460.04	7.62E-06	7.52E-06	7.30E-06	2.64E-09	7.97E-09	4.61E-09	4.55E-09	4.13E-09	1.88E-09	1.83E-09	0.00E+00	0.00E+00	8.48E-10	1.54E-10	9.80E-10	1.51E-10	1.42E-10	2.28E-09
2786	490760.04	3859460.04	7.39E-06	7.30E-06	7.09E-06	2.56E-09	7.73E-09	4.47E-09	4.42E-09	4.00E-09	1.83E-09	1.77E-09	0.00E+00	0.00E+00	8.23E-10	1.50E-10	9.51E-10	1.47E-10	1.37E-10	2.21E-09
2787	490810.04	3859460.04	7.18E-06	7.08E-06	6.88E-06	2.48E-09	7.50E-09	4.34E-09	4.29E-09	3.89E-09	1.77E-09	1.72E-09	0.00E+00	0.00E+00	7.99E-10	1.45E-10	9.23E-10	1.42E-10	1.33E-10	2.14E-09
2788	490860.04	3859460.04	7.03E-06	6.94E-06	6.74E-06	2.43E-09	7.35E-09	4.25E-09	4.20E-09	3.81E-09	1.74E-09	1.69E-09	0.00E+00	0.00E+00	7.83E-10	1.43E-10	9.04E-10	1.39E-10	1.31E-10	2.10E-09
2789	490360.04	3859510.04	8.81E-06	8.70E-06	8.45E-06	3.05E-09	9.21E-09	5.33E-09	5.26E-09	4.77E-09	2.18E-09	2.11E-09	0.00E+00	0.00E+00	9.81E-10	1.79E-10	1.13E-09	1.75E-10	1.64E-10	2.63E-09
2790	490410.04	3859510.04	8.53E-06	8.42E-06	8.18E-06	2.95E-09	8.92E-09	5.16E-09	5.10E-09	4.62E-09	2.11E-09	2.05E-09	0.00E+00	0.00E+00	9.50E-10	1.73E-10	1.10E-09	1.69E-10	1.58E-10	2.55E-09
2791	490460.04	3859510.04	8.29E-06	8.18E-06	7.94E-06	2.87E-09	8.66E-09	5.02E-09	4.95E-09	4.49E-09	2.05E-09	1.99E-09	0.00E+00	0.00E+00	9.23E-10	1.68E-10	1.07E-09	1.64E-10	1.54E-10	2.48E-09
2792	490510.04	3859510.04	8.07E-06	7.96E-06	7.73E-06	2.79E-09	8.43E-09	4.88E-09	4.82E-09	4.37E-09	1.99E-09	1.94E-09	0.00E+00	0.00E+00	8.98E-10	1.64E-10	1.04E-09	1.60E-10	1.50E-10	2.41E-09
2793	490560.04	3859510.04	7.87E-06	7.76E-06	7.54E-06	2.72E-09	8.22E-09	4.76E-09	4.70E-09	4.26E-09	1.94E-09	1.89E-09	0.00E+00	0.00E+00	8.76E-10	1.59E-10	1.01E-09	1.56E-10	1.46E-10	2.35E-09
2794	490610.04	3859510.04	7.67E-06	7.57E-06	7.35E-06	2.65E-09	8.01E-09	4.64E-09	4.58E-09	4.15E-09	1.89E-09	1.84E-09	0.00E+00	0.00E+00	8.53E-10	1.55E-10	9.86E-10	1.52E-10	1.42E-10	2.29E-09
2795	490660.04	3859510.04	7.47E-06	7.37E-06	7.16E-06	2.59E-09	7.81E-09	4.52E-09	4.46E-09	4.04E-09	1.85E-09	1.79E-09	0.00E+00	0.00E+00	8.32E-10	1.51E-10	9.61E-10	1.48E-10	1.39E-10	2.23E-09
2796	490710.04	3859510.04	7.28E-06	7.18E-06	6.98E-06	2.52E-09	7.61E-09	4.40E-09	4.35E-09	3.94E-09	1.80E-09	1.75E-09	0.00E+00	0.00E+00	8.10E-10	1.48E-10	9.36E-10	1.44E-10	1.35E-10	2.17E-09
2797	490760.04	3859510.04	7.10E-06	7.00E-06	6.80E-06	2.46E-09	7.42E-09	4.29E-09	4.24E-09	3.84E-09	1.75E-09	1.70E-09	0.00E+00	0.00E+00	7.90E-10	1.44E-10	9.13E-10	1.41E-10	1.32E-10	2.12E-09
2798	490810.04	3859510.04	6.94E-06	6.85E-06	6.65E-06	2.40E-09	7.25E-09	4.20E-09	4.14E-09	3.76E-09	1.71E-09	1.66E-09	0.00E+00	0.00E+00	7.72E-10	1.41E-10	8.92E-10	1.38E-10	1.29E-10	2.07E-09
2799	490860.04	3859510.04	6.77E-06	6.68E-06	6.49E-06	2.34E-09	7.07E-09	4.09E-09	4.04E-09	3.66E-09	1.67E-09	1.62E-09	0.00E+00	0.00E+00	7.53E-10	1.37E-10	8.70E-10	1.34E-10	1.26E-10	2.02E-09
2800	490360.04	3859560.04	8.71E-06	8.59E-06	8.34E-06	3.01E-09	9.10E-09	5.27E-09	5.20E-09	4.71E-09	2.15E-09	2.09E-09	0.00E+00	0.00E+00	9.69E-10	1.76E-10	1.12E-09	1.73E-10	1.62E-10	2.60E-09
2801	490410.04	3859560.04	8.25E-06	8.14E-06	7.90E-06	2.86E-09	8.62E-09	4.99E-09	4.93E-09	4.46E-09	2.04E-09	1.98E-09	0.00E+00	0.00E+00	9.18E-10	1.67E-10	1.06E-09	1.64E-10	1.53E-10	2.46E-09
2802	490460.04	3859560.04	7.93E-06	7.83E-06	7.60E-06	2.74E-09	8.29E-09	4.80E-09	4.73E-09	4.29E-09	1.96E-09	1.90E-09	0.00E+00	0.00E+00	8.83E-10	1.61E-10	1.02E-09	1.57E-10	1.47E-10	2.37E-09

2803	490510.04	3859560.04	7.69E-06	7.59E-06	7.37E-06	2.66E-09	8.03E-09	4.65E-09	4.59E-09	4.16E-09	1.90E-09	1.84E-09	0.00E+00	0.00E+00	8.55E-10	1.56E-10	9.89E-10	1.52E-10	1.43E-10	2.29E-09
2804	490560.04	3859560.04	7.48E-06	7.38E-06	7.17E-06	2.59E-09	7.81E-09	4.52E-09	4.47E-09	4.05E-09	1.85E-09	1.79E-09	0.00E+00	0.00E+00	8.32E-10	1.52E-10	9.62E-10	1.48E-10	1.39E-10	2.23E-09
2805	490610.04	3859560.04	7.29E-06	7.20E-06	6.99E-06	2.52E-09	7.62E-09	4.41E-09	4.35E-09	3.95E-09	1.80E-09	1.75E-09	0.00E+00	0.00E+00	8.12E-10	1.48E-10	9.38E-10	1.45E-10	1.35E-10	2.18E-09
2806	490660.04	3859560.04	7.12E-06	7.03E-06	6.83E-06	2.47E-09	7.44E-09	4.31E-09	4.25E-09	3.86E-09	1.76E-09	1.71E-09	0.00E+00	0.00E+00	7.93E-10	1.44E-10	9.16E-10	1.41E-10	1.32E-10	2.13E-09
2807	490710.04	3859560.04	6.95E-06	6.86E-06	6.66E-06	2.41E-09	7.27E-09	4.21E-09	4.15E-09	3.76E-09	1.72E-09	1.67E-09	0.00E+00	0.00E+00	7.74E-10	1.41E-10	8.94E-10	1.38E-10	1.29E-10	2.08E-09
2808	490760.04	3859560.04	6.78E-06	6.69E-06	6.50E-06	2.35E-09	7.09E-09	4.10E-09	4.05E-09	3.67E-09	1.67E-09	1.63E-09	0.00E+00	0.00E+00	7.55E-10	1.37E-10	8.72E-10	1.34E-10	1.26E-10	2.02E-09
2809	490810.04	3859560.04	6.62E-06	6.54E-06	6.35E-06	2.29E-09	6.92E-09	4.01E-09	3.96E-09	3.59E-09	1.64E-09	1.59E-09	0.00E+00	0.00E+00	7.37E-10	1.34E-10	8.52E-10	1.31E-10	1.23E-10	1.98E-09
2810	490860.04	3859560.04	6.47E-06	6.38E-06	6.20E-06	2.24E-09	6.76E-09	3.91E-09	3.86E-09	3.50E-09	1.60E-09	1.55E-09	0.00E+00	0.00E+00	7.20E-10	1.31E-10	8.32E-10	1.28E-10	1.20E-10	1.93E-09
2811	490187.25	3859422.08	1.08E-05	1.07E-05	1.04E-05	3.75E-09	1.13E-08	6.55E-09	6.47E-09	5.86E-09	2.68E-09	2.60E-09	0.00E+00	0.00E+00	1.21E-09	2.20E-10	1.39E-09	2.15E-10	2.01E-10	3.23E-09
2812	490237.25	3859422.08	1.04E-05	1.03E-05	1.00E-05	3.61E-09	1.09E-08	6.31E-09	6.23E-09	5.65E-09	2.58E-09	2.50E-09	0.00E+00	0.00E+00	1.16E-09	2.12E-10	1.34E-09	2.07E-10	1.94E-10	3.12E-09
2813	490287.25	3859422.08	1.01E-05	9.98E-06	9.69E-06	3.50E-09	1.06E-08	6.12E-09	6.04E-09	5.47E-09	2.50E-09	2.42E-09	0.00E+00	0.00E+00	1.13E-09	2.05E-10	1.30E-09	2.00E-10	1.88E-10	3.02E-09
2814	490337.25	3859422.08	9.80E-06	9.67E-06	9.39E-06	3.39E-09	1.02E-08	5.93E-09	5.85E-09	5.31E-09	2.42E-09	2.35E-09	0.00E+00	0.00E+00	1.09E-09	1.99E-10	1.26E-09	1.94E-10	1.82E-10	2.93E-09
2815	490187.25	3859472.08	1.05E-05	1.04E-05	1.01E-05	3.64E-09	1.10E-08	6.36E-09	6.28E-09	5.69E-09	2.60E-09	2.52E-09	0.00E+00	0.00E+00	1.17E-09	2.13E-10	1.35E-09	2.09E-10	1.95E-10	3.14E-09
2816	490237.25	3859472.08	9.98E-06	9.85E-06	9.57E-06	3.46E-09	1.04E-08	6.04E-09	5.96E-09	5.40E-09	2.47E-09	2.39E-09	0.00E+00	0.00E+00	1.11E-09	2.02E-10	1.28E-09	1.98E-10	1.85E-10	2.98E-09
2817	490287.25	3859472.08	9.59E-06	9.46E-06	9.19E-06	3.32E-09	1.00E-08	5.80E-09	5.73E-09	5.19E-09	2.37E-09	2.30E-09	0.00E+00	0.00E+00	1.07E-09	1.94E-10	1.23E-09	1.90E-10	1.78E-10	2.86E-09
2818	490337.25	3859472.08	9.27E-06	9.15E-06	8.89E-06	3.21E-09	9.69E-09	5.61E-09	5.54E-09	5.02E-09	2.29E-09	2.22E-09	0.00E+00	0.00E+00	1.03E-09	1.88E-10	1.19E-09	1.84E-10	1.72E-10	2.77E-09
2819	490297.07	3859500.42	9.32E-06	9.20E-06	8.93E-06	3.23E-09	9.74E-09	5.64E-09	5.57E-09	5.05E-09	2.30E-09	2.24E-09	0.00E+00	0.00E+00	1.04E-09	1.89E-10	1.20E-09	1.85E-10	1.73E-10	2.78E-09
2820	490327.07	3859500.42	9.10E-06	8.98E-06	8.72E-06	3.15E-09	9.51E-09	5.51E-09	5.43E-09	4.93E-09	2.25E-09	2.18E-09	0.00E+00	0.00E+00	1.01E-09	1.84E-10	1.17E-09	1.80E-10	1.69E-10	2.72E-09
2821	490297.07	3859530.42	9.30E-06	9.18E-06	8.91E-06	3.22E-09	9.72E-09	5.63E-09	5.55E-09	5.03E-09	2.30E-09	2.23E-09	0.00E+00	0.00E+00	1.03E-09	1.88E-10	1.20E-09	1.84E-10	1.73E-10	2.78E-09
2822	490327.07	3859530.42	8.98E-06	8.86E-06	8.60E-06	3.11E-09	9.38E-09	5.43E-09	5.36E-09	4.86E-09	2.22E-09	2.15E-09	0.00E+00	0.00E+00	9.99E-10	1.82E-10	1.15E-09	1.78E-10	1.67E-10	2.68E-09
2823	490319.73	3859055.34	1.45E-05	1.43E-05	1.39E-05	5.03E-09	1.52E-08	8.78E-09	8.67E-09	7.86E-09	3.59E-09	3.48E-09	0.00E+00	0.00E+00	1.62E-09	2.94E-10	1.87E-09	2.88E-10	2.70E-10	4.34E-09
2824	490319.73	3859105.34	1.38E-05	1.36E-05	1.32E-05	4.77E-09	1.44E-08	8.33E-09	8.22E-09	7.45E-09	3.40E-09	3.30E-09	0.00E+00	0.00E+00	1.53E-09	2.79E-10	1.77E-09	2.73E-10	2.56E-10	4.11E-09
2825	490069.73	3859155.34	1.56E-05	1.54E-05	1.50E-05	5.40E-09	1.63E-08	9.44E-09	9.32E-09	8.45E-09	3.86E-09	3.74E-09	0.00E+00	0.00E+00	1.74E-09	3.16E-10	2.01E-09	3.10E-10	2.90E-10	4.66E-09
2826	490119.73	3859155.34	1.51E-05	1.49E-05	1.44E-05	5.21E-09	1.57E-08	9.11E-09	8.99E-09	8.15E-09	3.72E-09	3.61E-09	0.00E+00	0.00E+00	1.68E-09	3.05E-10	1.94E-09	2.99E-10	2.80E-10	4.49E-09
2827	490269.73	3859155.34	1.36E-05	1.34E-05	1.30E-05	4.71E-09	1.42E-08	8.23E-09	8.13E-09	7.37E-09	3.36E-09	3.26E-09	0.00E+00	0.00E+00	1.51E-09	2.76E-10	1.75E-09	2.70E-10	2.53E-10	4.06E-09
2828	490319.73	3859155.34	1.31E-05	1.29E-05	1.26E-05	4.53E-09	1.37E-08	7.93E-09	7.82E-09	7.09E-09	3.24E-09	3.14E-09	0.00E+00	0.00E+00	1.46E-09	2.66E-10	1.69E-09	2.60E-10	2.43E-10	3.91E-09
2829	490069.73	3859205.34	1.49E-05	1.47E-05	1.42E-05	5.14E-09	1.55E-08	8.99E-09	8.87E-09	8.05E-09	3.67E-09	3.56E-09	0.00E+00	0.00E+00	1.65E-09	3.01E-10	1.91E-09	2.95E-10	2.76E-10	4.44E-09
2830	490119.73	3859205.34	1.43E-05	1.41E-05	1.37E-05	4.96E-09	1.50E-08	8.67E-09	8.56E-09	7.76E-09	3.54E-09	3.44E-09	0.00E+00	0.00E+00	1.60E-09	2.90E-10	1.84E-09	2.84E-10	2.66E-10	4.28E-09
2831	490169.73	3859205.34	1.38E-05	1.37E-05	1.33E-05	4.79E-09	1.45E-08	8.38E-09	8.27E-09	7.49E-09	3.42E-09	3.32E-09	0.00E+00	0.00E+00	1.54E-09	2.81E-10	1.78E-09	2.75E-10	2.57E-10	4.13E-09
2832	490219.73	3859205.34	1.34E-05	1.32E-05	1.28E-05	4.63E-09	1.40E-08	8.10E-09	7.99E-09	7.25E-09	3.31E-09	3.21E-09	0.00E+00	0.00E+00	1.49E-09	2.71E-10	1.72E-09	2.65E-10	2.49E-10	4.00E-09
2833	490269.73	3859205.34	1.29E-05	1.27E-05	1.23E-05	4.46E-09	1.35E-08	7.79E-09	7.69E-09	6.97E-09	3.18E-09	3.09E-09	0.00E+00	0.00E+00	1.43E-09	2.61E-10	1.66E-09	2.55E-10	2.39E-10	3.85E-09
2834	490319.73	3859205.34	1.24E-05	1.23E-05	1.19E-05	4.30E-09	1.30E-08	7.52E-09	7.42E-09	6.73E-09	3.07E-09	2.98E-09	0.00E+00	0.00E+00	1.38E-09	2.52E-10	1.60E-09	2.47E-10	2.31E-10	3.71E-09
2835	490069.73	3859255.34	1.41E-05	1.39E-05	1.35E-05	4.89E-09	1.48E-08	8.55E-09	8.44E-09	7.65E-09	3.49E-09	3.39E-09	0.00E+00	0.00E+00	1.57E-09	2.86E-10	1.82E-09	2.80E-10	2.62E-10	4.22E-09
2836	490119.73	3859255.34	1.36E-05	1.34E-05	1.30E-05	4.71E-09	1.42E-08	8.24E-09	8.13E-09	7.37E-09	3.36E-09	3.27E-09	0.00E+00	0.00E+00	1.52E-09	2.76E-10	1.75E-09	2.70E-10	2.53E-10	4.07E-09
2837	490169.73	3859255.34	1.31E-05	1.30E-05	1.26E-05	4.55E-09	1.37E-08	7.95E-09	7.85E-09	7.12E-09	3.25E-09	3.15E-09	0.00E+00	0.00E+00	1.46E-09	2.66E-10	1.69E-09	2.61E-10	2.44E-10	3.92E-09
2838	490219.73	3859255.34	1.27E-05	1.25E-05	1.22E-05	4.40E-09	1.33E-08	7.69E-09	7.59E-09	6.88E-09	3.14E-09	3.05E-09	0.00E+00	0.00E+00	1.41E-09	2.57E-10	1.63E-09	2.52E-10	2.36E-10	3.79E-09
2839	490269.73	3859255.34	1.23E-05	1.21E-05	1.17E-05	4.24E-09	1.28E-08	7.42E-09	7.32E-09	6.64E-09	3.03E-09	2.94E-09	0.00E+00	0.00E+00	1.36E-09	2.49E-10	1.58E-09	2.43E-10	2.28E-10	3.66E-09
2840	490319.73	3859255.34	1.18E-05	1.17E-05	1.13E-05	4.10E-09	1.24E-08	7.16E-09	7.07E-09	6.41E-09	2.92E-09	2.84E-09	0.00E+00	0.00E+00	1.32E-09	2.40E-10	1.52E-09	2.35E-10	2.20E-10	3.53E-09
2841	490069.73	3859305.34	1.34E-05	1.32E-05	1.29E-05	4.64E-09	1.40E-08	8.12E-09	8.01E-09	7.26E-09	3.31E-09	3.22E-09	0.00E+00	0.00E+00	1.49E-09	2.72E-10	1.73E-09	2.66E-10	2.49E-10	4.01E-09
2842	490119.73	3859305.34	1.29E-05	1.27E-05	1.24E-05	4.47E-09	1.35E-08	7.81E-09	7.71E-09	6.99E-09	3.19E-09	3.10E-09	0.00E+00	0.00E+00	1.44E-09	2.62E-10	1.66E-09	2.56E-10	2.40E-10	3.86E-09
2843	490169.73	3859305.34	1.25E-05	1.23E-05	1.19E-05	4.31E-09	1.30E-08	7.54E-09	7.44E-09	6.74E-09	3.08E-09	2.99E-09	0.00E+00	0.00E+00	1.39E-09	2.52E-10	1.60E-09	2.47E-10	2.31E-10	3.72E-09
2844	490219.73	3859305.34	1.20E-05	1.19E-05	1.15E-05	4.17E-09	1.26E-08	7.29E-09	7.19E-09	6.52E-09	2.97E-09	2.89E-09	0.00E+00	0.00E+00	1.34E-09	2.44E-10	1.55E-09	2.39E-10	2.24E-10	3.60E-09
2845	490269.73	3859305.34	1.17E-05	1.15E-05	1.12E-05	4.03E-09	1.22E-08	7.05E-09	6.96E-09	6.31E-09	2.88E-09	2.79E-09	0.00E+00	0.00E+00	1.30E-09	2.36E-10	1.50E-09	2.31E-10	2.16E-10	3.48E-09
2846	490319.73	3859305.34	1.12E-05	1.11E-05	1.08E-05	3.89E-09	1.18E-08	6.80E-09	6.72E-09	6.09E-09	2.78E-09	2.70E-09	0.00E+00	0.00E+00	1.25E-09	2.28E-10	1.45E-09	2.23E-10	2.09E-10	3.36E-09
2847	490069.73	3859355.34	1.27E-05	1.26E-05	1.22E-05	4.41E-09	1.33E-08	7.71E-09	7.61E-09	6.90E-09	3.15E-09	3.06E-09	0.00E+00	0.00E+00	1.42E-09	2.58E-10	1.64E-09	2.53E-10	2.37E-10	3.81E-09
2848	490119.73	3859355.34	1.22E-05	1.21E-05	1.17E-05	4.23E-09	1.28E-08	7.40E-09	7.30E-09	6.62E-09	3.02E-09	2.93E-09	0.00E+00	0.00E+00	1.36E-09	2.48E-10	1.57E-09	2.43E-10	2.27E-10	3.65E-09
2849	490169.73	3859355.34	1.18E-05	1.16E-05	1.13E-05	4.08E-09	1.23E-08	7.13E-09	7.03E-09	6.38E-09	2.91E-09	2.82E-09	0.00E+00	0.00E+00	1.31E-09	2.39E-10	1.51E-09	2.34E-10	2.19E-10	3.52E-09
2850	490219.73	3859355.34	1.14E-05	1.12E-05	1.09E-05	3.94E-09	1.19E-08	6.89E-09	6.80E-09	6.16E-09	2.81E-09	2.73E-09	0.00E+00	0.00E+00	1.27E-09	2.31E-10	1.46E-09	2.26E-10	2.12E-10	3.40E-09
2851	490269.73	3859355.34	1.10E-05	1.09E-05	1.06E-05	3.82E-09	1.15E-08	6.67E-09	6.58E-09	5.97E-09	2.72E-09	2.64E-09	0.00E+00	0.00E+00	1.23E-09	2.23E-10	1.42E-09	2.19E-10	2.05E-10	3.29E-09
2852	490319.73	3859355.34	1.07E-05	1.05E-05	1.02E-05	3.70E-09	1.12E-08	6.46E-09	6.38E-09	5.78E-09	2.64E-09	2.56E-09	0.00E+00	0.00E+00	1.19E-09	2.17E-10	1.37E-09	2.12E-10	1.98E-10	3.19E-09
2853	490069.73	3859405.34	1.23E-05	1.21E-05	1.17E-05	4.24E-09	1.28E-08	7.41E-09	7.32E-09	6.63E-09	3.03E-09	2.94E-09	0.00E+00	0.00E+00	1.36E-09	2.48E-10	1.58E-09	2.43E-10	2.28E-10	3.66E-09
2854	490119.73	3859405.34	1.16E-05	1.15E-05	1.12E-05	4.03E-09	1.22E-08	7.05E-09	6.95E-09	6.30E-09	2.88E-09	2.79E-09	0.00E+00	0.00E+00	1.30E-09	2.36E-10	1.50E-09	2.31E-10	2.16E-10	3.48E-09
2855	490169.73	3859405.34	1.12E-05	1.10E-05	1.07E-05	3.86E-09	1.17E-08	6.75E-09	6.67E-09	6.04E-09	2.76E-09	2.68E-09	0.00E+00	0.00E+00	1.24E-09	2.26E-10	1.44E-09	2.21E-10	2.07E-10	3.33E-09

2856	490219.73	3859405.34	1.08E-05	1.06E-05	1.03E-05	3.72E-09	1.12E-08	6.51E-09	6.42E-09	5.82E-09	2.66E-09	2.58E-09	0.00E+00	0.00E+00	1.20E-09	2.18E-10	1.38E-09	2.13E-10	2.00E-10	3.21E-09
2857	490269.73	3859405.34	1.04E-05	1.03E-05	9.98E-06	3.61E-09	1.09E-08	6.30E-09	6.22E-09	5.64E-09	2.57E-09	2.50E-09	0.00E+00	0.00E+00	1.16E-09	2.11E-10	1.34E-09	2.07E-10	1.93E-10	3.11E-09
2858	490319.73	3859405.34	1.01E-05	9.96E-06	9.67E-06	3.49E-09	1.06E-08	6.11E-09	6.03E-09	5.46E-09	2.49E-09	2.42E-09	0.00E+00	0.00E+00	1.12E-09	2.05E-10	1.30E-09	2.00E-10	1.87E-10	3.01E-09
2859	490161.89	3859541.83	9.15E-06	9.03E-06	8.76E-06	3.17E-09	9.56E-09	5.53E-09	5.46E-09	4.95E-09	2.26E-09	2.19E-09	0.00E+00	0.00E+00	1.02E-09	1.85E-10	1.18E-09	1.81E-10	1.70E-10	2.73E-09
2860	490171.89	3859541.83	9.17E-06	9.05E-06	8.79E-06	3.17E-09	9.58E-09	5.55E-09	5.48E-09	4.96E-09	2.26E-09	2.20E-09	0.00E+00	0.00E+00	1.02E-09	1.86E-10	1.18E-09	1.82E-10	1.70E-10	2.74E-09
2861	490161.89	3859551.83	8.90E-06	8.79E-06	8.53E-06	3.08E-09	9.31E-09	5.39E-09	5.32E-09	4.82E-09	2.20E-09	2.14E-09	0.00E+00	0.00E+00	9.91E-10	1.80E-10	1.15E-09	1.77E-10	1.65E-10	2.66E-09
2862	490171.89	3859551.83	8.91E-06	8.79E-06	8.53E-06	3.08E-09	9.31E-09	5.39E-09	5.32E-09	4.82E-09	2.20E-09	2.14E-09	0.00E+00	0.00E+00	9.91E-10	1.81E-10	1.15E-09	1.77E-10	1.65E-10	2.66E-09
2863	489799.72	3859348.21	1.65E-05	1.63E-05	1.58E-05	5.72E-09	1.73E-08	1.00E-08	9.87E-09	8.95E-09	4.08E-09	3.97E-09	0.00E+00	0.00E+00	1.84E-09	3.35E-10	2.13E-09	3.28E-10	3.07E-10	4.94E-09
2864	489819.72	3859348.21	1.64E-05	1.61E-05	1.57E-05	5.66E-09	1.71E-08	9.89E-09	9.77E-09	8.85E-09	4.04E-09	3.92E-09	0.00E+00	0.00E+00	1.82E-09	3.31E-10	2.10E-09	3.24E-10	3.04E-10	4.88E-09
2865	489799.72	3859368.21	1.60E-05	1.58E-05	1.53E-05	5.54E-09	1.67E-08	9.68E-09	9.56E-09	8.66E-09	3.95E-09	3.84E-09	0.00E+00	0.00E+00	1.78E-09	3.24E-10	2.06E-09	3.17E-10	2.97E-10	4.78E-09
2866	489819.72	3859368.21	1.57E-05	1.55E-05	1.51E-05	5.44E-09	1.64E-08	9.51E-09	9.39E-09	8.51E-09	3.88E-09	3.77E-09	0.00E+00	0.00E+00	1.75E-09	3.19E-10	2.02E-09	3.12E-10	2.92E-10	4.69E-09
2867	489775.41	3859329.72	1.74E-05	1.72E-05	1.67E-05	6.02E-09	1.82E-08	1.05E-08	1.04E-08	9.42E-09	4.30E-09	4.17E-09	0.00E+00	0.00E+00	1.94E-09	3.53E-10	2.24E-09	3.45E-10	3.23E-10	5.19E-09
2868	489795.41	3859329.72	1.72E-05	1.70E-05	1.65E-05	5.95E-09	1.80E-08	1.04E-08	1.03E-08	9.31E-09	4.25E-09	4.13E-09	0.00E+00	0.00E+00	1.91E-09	3.49E-10	2.21E-09	3.41E-10	3.19E-10	5.14E-09
2869	489775.41	3859349.72	1.69E-05	1.66E-05	1.62E-05	5.84E-09	1.76E-08	1.02E-08	1.01E-08	9.13E-09	4.17E-09	4.05E-09	0.00E+00	0.00E+00	1.88E-09	3.42E-10	2.17E-09	3.35E-10	3.13E-10	5.04E-09
2870	489795.41	3859349.72	1.66E-05	1.63E-05	1.59E-05	5.73E-09	1.73E-08	1.00E-08	9.88E-09	8.96E-09	4.09E-09	3.97E-09	0.00E+00	0.00E+00	1.84E-09	3.35E-10	2.13E-09	3.28E-10	3.07E-10	4.94E-09
2871	489595.05	3859219.43	2.45E-05	2.42E-05	2.35E-05	8.47E-09	2.56E-08	1.48E-08	1.46E-08	1.32E-08	6.05E-09	5.87E-09	0.00E+00	0.00E+00	2.72E-09	4.96E-10	3.15E-09	4.85E-10	4.55E-10	7.31E-09
2872	489615.05	3859219.43	2.38E-05	2.35E-05	2.28E-05	8.24E-09	2.49E-08	1.44E-08	1.42E-08	1.29E-08	5.88E-09	5.71E-09	0.00E+00	0.00E+00	2.65E-09	4.83E-10	3.06E-09	4.72E-10	4.42E-10	7.11E-09
2873	489595.05	3859239.43	2.41E-05	2.37E-05	2.30E-05	8.33E-09	2.51E-08	1.46E-08	1.44E-08	1.30E-08	5.94E-09	5.77E-09	0.00E+00	0.00E+00	2.68E-09	4.87E-10	3.09E-09	4.77E-10	4.47E-10	7.18E-09
2874	489615.05	3859239.43	2.33E-05	2.30E-05	2.24E-05	8.07E-09	2.44E-08	1.41E-08	1.39E-08	1.26E-08	5.76E-09	5.59E-09	0.00E+00	0.00E+00	2.60E-09	4.73E-10	3.00E-09	4.63E-10	4.33E-10	6.96E-09
2875	489372.4	3859092.58	4.63E-05	4.57E-05	4.44E-05	1.60E-08	4.84E-08	2.80E-08	2.76E-08	2.51E-08	1.14E-08	1.11E-08	0.00E+00	0.00E+00	5.15E-09	9.38E-10	5.95E-09	9.18E-10	8.60E-10	1.38E-08
2876	489422.4	3859092.58	3.93E-05	3.88E-05	3.77E-05	1.36E-08	4.11E-08	2.38E-08	2.35E-08	2.13E-08	9.72E-09	9.43E-09	0.00E+00	0.00E+00	4.38E-09	7.97E-10	5.06E-09	7.80E-10	7.31E-10	1.17E-08
2877	489372.4	3859142.58	4.45E-05	4.40E-05	4.27E-05	1.54E-08	4.66E-08	2.70E-08	2.66E-08	2.41E-08	1.10E-08	1.07E-08	0.00E+00	0.00E+00	4.96E-09	9.03E-10	5.73E-09	8.84E-10	8.27E-10	1.33E-08
2878	489422.4	3859142.58	3.76E-05	3.71E-05	3.60E-05	1.30E-08	3.93E-08	2.28E-08	2.25E-08	2.04E-08	9.29E-09	9.02E-09	0.00E+00	0.00E+00	4.19E-09	7.62E-10	4.84E-09	7.46E-10	6.99E-10	1.12E-08
2879	488870.84	3858666.64	5.30E-05	5.23E-05	5.08E-05	1.83E-08	5.54E-08	3.21E-08	3.16E-08	2.87E-08	1.31E-08	1.27E-08	0.00E+00	0.00E+00	5.90E-09	1.07E-09	6.81E-09	1.05E-09	9.84E-10	1.58E-08
2880	488900.84	3858666.64	7.68E-05	7.58E-05	7.36E-05	2.66E-08	8.03E-08	4.65E-08	4.59E-08	4.16E-08	1.90E-08	1.84E-08	0.00E+00	0.00E+00	8.55E-09	1.56E-09	9.88E-09	1.52E-09	1.43E-09	2.29E-08
2881	488870.84	3858696.64	4.08E-05	4.03E-05	3.91E-05	1.41E-08	4.26E-08	2.47E-08	2.44E-08	2.21E-08	1.01E-08	9.79E-09	0.00E+00	0.00E+00	4.54E-09	8.27E-10	5.25E-09	8.09E-10	7.58E-10	1.22E-08
2882	488900.84	3858696.64	5.20E-05	5.14E-05	4.99E-05	1.80E-08	5.44E-08	3.15E-08	3.11E-08	2.82E-08	1.29E-08	1.25E-08	0.00E+00	0.00E+00	5.79E-09	1.05E-09	6.69E-09	1.03E-09	9.66E-10	1.55E-08
2883	488889.67	3858683.97	5.33E-05	5.26E-05	5.11E-05	1.85E-08	5.57E-08	3.23E-08	3.18E-08	2.89E-08	1.32E-08	1.28E-08	0.00E+00	0.00E+00	5.93E-09	1.08E-09	6.86E-09	1.06E-09	9.90E-10	1.59E-08
2884	488919.67	3858683.97	7.67E-05	7.57E-05	7.35E-05	2.66E-08	8.02E-08	4.64E-08	4.58E-08	4.15E-08	1.89E-08	1.84E-08	0.00E+00	0.00E+00	8.54E-09	1.55E-09	9.87E-09	1.52E-09	1.42E-09	2.29E-08
2885	488889.67	3858713.97	4.11E-05	4.05E-05	3.94E-05	1.42E-08	4.29E-08	2.49E-08	2.45E-08	2.22E-08	1.01E-08	9.85E-09	0.00E+00	0.00E+00	4.57E-09	8.33E-10	5.28E-09	8.15E-10	7.63E-10	1.23E-08
2886	488919.67	3858713.97	5.23E-05	5.16E-05	5.01E-05	1.81E-08	5.47E-08	3.16E-08	3.12E-08	2.83E-08	1.29E-08	1.25E-08	0.00E+00	0.00E+00	5.82E-09	1.06E-09	6.73E-09	1.04E-09	9.71E-10	1.56E-08
2887	488906.61	3858703.33	5.13E-05	5.07E-05	4.92E-05	1.78E-08	5.37E-08	3.11E-08	3.07E-08	2.78E-08	1.27E-08	1.23E-08	0.00E+00	0.00E+00	5.72E-09	1.04E-09	6.60E-09	1.02E-09	9.54E-10	1.53E-08
2888	488936.61	3858703.33	7.27E-05	7.18E-05	6.97E-05	2.52E-08	7.60E-08	4.40E-08	4.34E-08	3.94E-08	1.80E-08	1.74E-08	0.00E+00	0.00E+00	8.09E-09	1.47E-09	9.35E-09	1.44E-09	1.35E-09	2.17E-08
2889	488906.61	3858733.33	4.05E-05	4.00E-05	3.88E-05	1.40E-08	4.23E-08	2.45E-08	2.42E-08	2.19E-08	1.00E-08	9.72E-09	0.00E+00	0.00E+00	4.51E-09	8.21E-10	5.21E-09	8.04E-10	7.52E-10	1.21E-08
2890	488936.61	3858733.33	5.10E-05	5.03E-05	4.88E-05	1.76E-08	5.33E-08	3.08E-08	3.04E-08	2.76E-08	1.26E-08	1.22E-08	0.00E+00	0.00E+00	5.67E-09	1.03E-09	6.55E-09	1.01E-09	9.47E-10	1.52E-08
2891	488637.63	3858467.85	4.41E-05	4.35E-05	4.23E-05	1.53E-08	4.61E-08	2.67E-08	2.63E-08	2.39E-08	1.09E-08	1.06E-08	0.00E+00	0.00E+00	4.91E-09	8.94E-10	5.67E-09	8.75E-10	8.19E-10	1.32E-08
2892	488662.63	3858467.85	5.56E-05	5.49E-05	5.33E-05	1.93E-08	5.81E-08	3.37E-08	3.32E-08	3.01E-08	1.37E-08	1.33E-08	0.00E+00	0.00E+00	6.19E-09	1.13E-09	7.16E-09	1.10E-09	1.03E-09	1.66E-08
2893	488637.63	3858492.85	3.60E-05	3.56E-05	3.45E-05	1.25E-08	3.77E-08	2.18E-08	2.15E-08	1.95E-08	8.90E-09	8.64E-09	0.00E+00	0.00E+00	4.01E-09	7.30E-10	4.63E-09	7.15E-10	6.69E-10	1.08E-08
2894	488662.63	3858492.85	4.30E-05	4.24E-05	4.12E-05	1.49E-08	4.49E-08	2.60E-08	2.57E-08	2.33E-08	1.06E-08	1.03E-08	0.00E+00	0.00E+00	4.78E-09	8.71E-10	5.53E-09	8.52E-10	7.98E-10	1.28E-08
2895	488687.63	3858492.85	5.43E-05	5.36E-05	5.20E-05	1.88E-08	5.68E-08	3.29E-08	3.24E-08	2.94E-08	1.34E-08	1.30E-08	0.00E+00	0.00E+00	6.04E-09	1.10E-09	6.98E-09	1.08E-09	1.01E-09	1.62E-08
2896	488637.63	3858517.85	3.06E-05	3.02E-05	2.93E-05	1.06E-08	3.20E-08	1.85E-08	1.83E-08	1.66E-08	7.56E-09	7.34E-09	0.00E+00	0.00E+00	3.40E-09	6.20E-10	3.93E-09	6.07E-10	5.68E-10	9.13E-09
2897	488662.63	3858517.85	3.53E-05	3.48E-05	3.38E-05	1.22E-08	3.69E-08	2.14E-08	2.11E-08	1.91E-08	8.72E-09	8.47E-09	0.00E+00	0.00E+00	3.93E-09	7.15E-10	4.54E-09	7.00E-10	6.56E-10	1.05E-08
2898	488687.63	3858517.85	4.20E-05	4.14E-05	4.02E-05	1.45E-08	4.39E-08	2.54E-08	2.51E-08	2.27E-08	1.04E-08	1.01E-08	0.00E+00	0.00E+00	4.67E-09	8.51E-10	5.40E-09	8.32E-10	7.79E-10	1.25E-08
2899	488194.42	3857168.98	1.72E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.29E-10	4.24E-10	4.11E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.40E-11	3.19E-11	5.12E-10
2900	488244.42	3857168.98	1.74E-06	1.72E-06	1.67E-06	6.04E-10	1.82E-09	1.05E-09	1.04E-09	9.44E-10	4.31E-10	4.18E-10	0.00E+00	0.00E+00	1.94E-10	3.53E-11	2.24E-10	3.46E-11	3.24E-11	5.21E-10
2901	488294.42	3857168.98	1.76E-06	1.74E-06	1.69E-06	6.11E-10	1.84E-09	1.07E-09	1.05E-09	9.55E-10	4.36E-10	4.23E-10	0.00E+00	0.00E+00	1.96E-10	3.58E-11	2.27E-10	3.50E-11	3.28E-11	5.27E-10
2902	488244.42	3857218.98	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.50E-10	4.37E-10	0.00E+00	0.00E+00	2.03E-10	3.70E-11	2.35E-10	3.62E-11	3.39E-11	5.45E-10
2903	488294.42	3857218.98	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.43E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.43E-11	5.52E-10
2904	488294.42	3857268.98	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.94E-11	2.50E-10	3.86E-11	3.61E-11	5.81E-10
2905	488139.13	3857111.68	1.61E-06	1.59E-06	1.54E-06	5.56E-10	1.68E-09	9.72E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	0.00E+00	0.00E+00	1.79E-10	3.26E-11	2.07E-10	3.19E-11	2.98E-11	4.80E-10
2906	488189.13	3857111.68	1.64E-06	1.62E-06	1.57E-06	5.67E-10	1.71E-09	9.91E-10	9.78E-10	8.87E-10	4.05E-10	3.93E-10	0.00E+00	0.00E+00	1.82E-10	3.32E-11	2.11E-10	3.25E-11	3.04E-11	4.89E-10
2907	488189.13	3857161.68	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.22E-10	4.21E-10	4.08E-10	0.00E+00	0.00E+00	1.90E-10	3.45E-11	2.19E-10	3.38E-11	3.16E-11	5.08E-10
2908	487951.04	3856961.26	1.35E-06	1.33E-06	1.29E-06	4.67E-10	1.41E-09	8.17E-10	8.06E-10	7.31E-10	3.34E-10	3.24E-10	0.00E+00	0.00E+00	1.50E-10	2.74E-11	1.74E-10	2.68E-11	2.51E-11	4.03E-10

2909	488001.04	3856961.26	1.37E-06	1.35E-06	1.31E-06	4.75E-10	1.43E-09	8.30E-10	8.19E-10	7.42E-10	3.39E-10	3.29E-10	0.00E+00	0.00E+00	1.53E-10	2.78E-11	1.76E-10	2.72E-11	2.55E-11	4.09E-10
2910	488051.04	3856961.26	1.38E-06	1.37E-06	1.33E-06	4.79E-10	1.45E-09	8.37E-10	8.26E-10	7.49E-10	3.42E-10	3.32E-10	0.00E+00	0.00E+00	1.54E-10	2.80E-11	1.78E-10	2.74E-11	2.57E-11	4.13E-10
2911	488101.04	3856961.26	1.41E-06	1.40E-06	1.36E-06	4.90E-10	1.48E-09	8.56E-10	8.45E-10	7.66E-10	3.49E-10	3.39E-10	0.00E+00	0.00E+00	1.57E-10	2.87E-11	1.82E-10	2.81E-11	2.63E-11	4.22E-10
2912	487951.04	3857011.26	1.41E-06	1.39E-06	1.35E-06	4.88E-10	1.47E-09	8.53E-10	8.41E-10	7.63E-10	3.48E-10	3.38E-10	0.00E+00	0.00E+00	1.57E-10	2.86E-11	1.81E-10	2.79E-11	2.62E-11	4.21E-10
2913	488001.04	3857011.26	1.42E-06	1.40E-06	1.36E-06	4.92E-10	1.49E-09	8.60E-10	8.49E-10	7.69E-10	3.51E-10	3.41E-10	0.00E+00	0.00E+00	1.58E-10	2.88E-11	1.83E-10	2.82E-11	2.64E-11	4.24E-10
2914	488051.04	3857011.26	1.44E-06	1.42E-06	1.38E-06	4.97E-10	1.50E-09	8.69E-10	8.58E-10	7.77E-10	3.55E-10	3.44E-10	0.00E+00	0.00E+00	1.60E-10	2.91E-11	1.85E-10	2.85E-11	2.67E-11	4.29E-10
2915	488101.04	3857011.26	1.47E-06	1.45E-06	1.41E-06	5.09E-10	1.54E-09	8.89E-10	8.77E-10	7.95E-10	3.63E-10	3.52E-10	0.00E+00	0.00E+00	1.64E-10	2.98E-11	1.89E-10	2.91E-11	2.73E-11	4.39E-10
2916	488001.04	3857061.26	1.48E-06	1.46E-06	1.42E-06	5.12E-10	1.55E-09	8.96E-10	8.84E-10	8.01E-10	3.66E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.90E-10	2.94E-11	2.75E-11	4.42E-10
2917	488051.04	3857061.26	1.50E-06	1.48E-06	1.44E-06	5.20E-10	1.57E-09	9.10E-10	8.98E-10	8.14E-10	3.71E-10	3.61E-10	0.00E+00	0.00E+00	1.67E-10	3.05E-11	1.93E-10	2.98E-11	2.79E-11	4.49E-10
2918	488101.04	3857061.26	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.26E-10	9.14E-10	8.28E-10	3.78E-10	3.67E-10	0.00E+00	0.00E+00	1.70E-10	3.10E-11	1.97E-10	3.03E-11	2.84E-11	4.57E-10
2919	487638.98	3856673.79	1.00E-06	9.89E-07	9.61E-07	3.47E-10	1.05E-09	6.07E-10	5.99E-10	5.43E-10	2.48E-10	2.40E-10	0.00E+00	0.00E+00	1.12E-10	2.03E-11	1.29E-10	1.99E-11	1.86E-11	2.99E-10
2920	487688.98	3856673.79	1.01E-06	1.00E-06	9.72E-07	3.51E-10	1.06E-09	6.14E-10	6.06E-10	5.49E-10	2.51E-10	2.43E-10	0.00E+00	0.00E+00	1.13E-10	2.06E-11	1.30E-10	2.01E-11	1.88E-11	3.03E-10
2921	487638.98	3856723.79	1.04E-06	1.03E-06	9.99E-07	3.61E-10	1.09E-09	6.30E-10	6.22E-10	5.64E-10	2.57E-10	2.50E-10	0.00E+00	0.00E+00	1.16E-10	2.11E-11	1.34E-10	2.07E-11	1.94E-11	3.11E-10
2922	487688.98	3856723.79	1.05E-06	1.04E-06	1.01E-06	3.65E-10	1.10E-09	6.37E-10	6.29E-10	5.70E-10	2.60E-10	2.53E-10	0.00E+00	0.00E+00	1.17E-10	2.14E-11	1.35E-10	2.09E-11	1.96E-11	3.15E-10
2923	486324.61	3855740.57	4.84E-07	4.78E-07	4.64E-07	1.67E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	0.00E+00	0.00E+00	5.39E-11	9.81E-12	6.22E-11	9.60E-12	8.99E-12	1.44E-10
2924	486374.61	3855740.57	4.69E-07	4.63E-07	4.49E-07	1.62E-10	4.90E-10	2.84E-10	2.80E-10	2.54E-10	1.16E-10	1.12E-10	0.00E+00	0.00E+00	5.22E-11	9.50E-12	6.03E-11	9.30E-12	8.71E-12	1.40E-10
2925	486424.61	3855740.57	4.62E-07	4.56E-07	4.43E-07	1.60E-10	4.83E-10	2.80E-10	2.76E-10	2.50E-10	1.14E-10	1.11E-10	0.00E+00	0.00E+00	5.15E-11	9.37E-12	5.95E-11	9.17E-12	8.59E-12	1.38E-10
2926	486324.61	3855790.57	4.99E-07	4.92E-07	4.78E-07	1.73E-10	5.21E-10	3.02E-10	2.98E-10	2.70E-10	1.23E-10	1.20E-10	0.00E+00	0.00E+00	5.55E-11	1.01E-11	6.41E-11	9.89E-12	9.26E-12	1.49E-10
2927	486374.61	3855790.57	4.86E-07	4.79E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	0.00E+00	0.00E+00	5.41E-11	9.85E-12	6.25E-11	9.64E-12	9.02E-12	1.45E-10
2928	486424.61	3855790.57	4.83E-07	4.77E-07	4.63E-07	1.67E-10	5.05E-10	2.92E-10	2.88E-10	2.61E-10	1.19E-10	1.16E-10	0.00E+00	0.00E+00	5.38E-11	9.79E-12	6.21E-11	9.58E-12	8.97E-12	1.44E-10
2929	486324.61	3855840.57	5.12E-07	5.06E-07	4.91E-07	1.77E-10	5.35E-10	3.10E-10	3.06E-10	2.77E-10	1.27E-10	1.23E-10	0.00E+00	0.00E+00	5.70E-11	1.04E-11	6.59E-11	1.02E-11	9.52E-12	1.53E-10
2930	486374.61	3855840.57	5.10E-07	5.03E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	0.00E+00	0.00E+00	5.68E-11	1.03E-11	6.56E-11	1.01E-11	9.47E-12	1.52E-10
2931	486424.61	3855840.57	5.04E-07	4.98E-07	4.83E-07	1.75E-10	5.27E-10	3.05E-10	3.01E-10	2.73E-10	1.25E-10	1.21E-10	0.00E+00	0.00E+00	5.61E-11	1.02E-11	6.48E-11	1.00E-11	9.36E-12	1.51E-10
2932	486324.61	3855890.57	5.35E-07	5.28E-07	5.13E-07	1.85E-10	5.60E-10	3.24E-10	3.20E-10	2.90E-10	1.32E-10	1.28E-10	0.00E+00	0.00E+00	5.96E-11	1.09E-11	6.89E-11	1.06E-11	9.94E-12	1.60E-10
2933	486374.61	3855890.57	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.32E-10	1.28E-10	0.00E+00	0.00E+00	5.93E-11	1.08E-11	6.85E-11	1.06E-11	9.89E-12	1.59E-10
2934	486424.61	3855890.57	5.26E-07	5.19E-07	5.04E-07	1.82E-10	5.50E-10	3.18E-10	3.14E-10	2.85E-10	1.30E-10	1.26E-10	0.00E+00	0.00E+00	5.85E-11	1.07E-11	6.76E-11	1.04E-11	9.77E-12	1.57E-10
2935	488735.69	3858285.64	4.79E-05	4.73E-05	4.60E-05	1.66E-08	5.01E-08	2.90E-08	2.86E-08	2.60E-08	1.18E-08	1.15E-08	0.00E+00	0.00E+00	5.34E-09	9.72E-10	6.17E-09	9.51E-10	8.90E-10	1.43E-08
2936	488765.69	3858285.64	4.37E-05	4.32E-05	4.19E-05	1.51E-08	4.57E-08	2.65E-08	2.61E-08	2.37E-08	1.08E-08	1.05E-08	0.00E+00	0.00E+00	4.87E-09	8.87E-10	5.63E-09	8.68E-10	8.12E-10	1.31E-08
2937	488735.69	3858315.64	5.36E-05	5.29E-05	5.14E-05	1.86E-08	5.60E-08	3.24E-08	3.20E-08	2.90E-08	1.32E-08	1.29E-08	0.00E+00	0.00E+00	5.97E-09	1.09E-09	6.89E-09	1.06E-09	9.95E-10	1.60E-08
2938	488765.69	3858315.64	4.83E-05	4.77E-05	4.63E-05	1.67E-08	5.05E-08	2.92E-08	2.88E-08	2.61E-08	1.19E-08	1.16E-08	0.00E+00	0.00E+00	5.37E-09	9.79E-10	6.21E-09	9.58E-10	8.97E-10	1.44E-08
2939	478676.63	3849871.93	8.55E-08	8.44E-08	8.19E-08	2.96E-11	8.94E-11	5.17E-11	5.11E-11	4.63E-11	2.11E-11	2.05E-11	0.00E+00	0.00E+00	9.52E-12	1.73E-12	1.10E-11	1.70E-12	1.59E-12	2.55E-11
2940	479326.63	3849871.93	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.63E-12	1.75E-12	1.11E-11	1.72E-12	1.61E-12	2.58E-11
2941	479376.63	3849871.93	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.66E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.59E-11
2942	479426.63	3849871.93	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
2943	478726.63	3849921.93	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.63E-12	1.75E-12	1.11E-11	1.72E-12	1.61E-12	2.58E-11
2944	478776.63	3849921.93	8.67E-08	8.55E-08	8.31E-08	3.00E-11	9.06E-11	5.24E-11	5.18E-11	4.69E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.65E-12	1.76E-12	1.11E-11	1.72E-12	1.61E-12	2.59E-11
2945	478826.63	3849921.93	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.66E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.59E-11
2946	478976.63	3849921.93	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.71E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
2947	479026.63	3849921.93	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	0.00E+00	0.00E+00	9.76E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
2948	479076.63	3849921.93	8.80E-08	8.68E-08	8.43E-08	3.05E-11	9.19E-11	5.32E-11	5.25E-11	4.76E-11	2.17E-11	2.11E-11	0.00E+00	0.00E+00	9.79E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.63E-11
2949	479126.63	3849921.93	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	0.00E+00	0.00E+00	9.81E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
2950	479176.63	3849921.93	8.85E-08	8.73E-08	8.48E-08	3.06E-11	9.25E-11	5.35E-11	5.28E-11	4.79E-11	2.19E-11	2.12E-11	0.00E+00	0.00E+00	9.85E-12	1.79E-12	1.14E-11	1.76E-12	1.64E-12	2.64E-11
2951	479226.63	3849921.93	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	0.00E+00	0.00E+00	9.81E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
2952	479276.63	3849921.93	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.66E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.59E-11
2953	479326.63	3849921.93	8.89E-08	8.77E-08	8.52E-08	3.08E-11	9.29E-11	5.38E-11	5.31E-11	4.81E-11	2.20E-11	2.13E-11	0.00E+00	0.00E+00	9.89E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
2954	479376.63	3849921.93	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	0.00E+00	0.00E+00	9.76E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
2955	479426.63	3849921.93	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	0.00E+00	0.00E+00	9.92E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.66E-11
2956	478726.63	3849971.93	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.71E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
2957	478776.63	3849971.93	8.75E-08	8.63E-08	8.38E-08	3.03E-11	9.14E-11	5.29E-11	5.22E-11	4.73E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.73E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.61E-11
2958	478826.63	3849971.93	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
2959	478976.63	3849971.93	8.85E-08	8.73E-08	8.48E-08	3.06E-11	9.25E-11	5.35E-11	5.28E-11	4.79E-11	2.19E-11	2.12E-11	0.00E+00	0.00E+00	9.85E-12	1.79E-12	1.14E-11	1.76E-12	1.64E-12	2.64E-11
2960	479026.63	3849971.93	8.86E-08	8.75E-08	8.49E-08	3.07E-11	9.26E-11	5.36E-11	5.29E-11	4.80E-11	2.19E-11	2.13E-11	0.00E+00	0.00E+00	9.86E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
2961	479076.63	3849971.93	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	0.00E+00	0.00E+00	9.88E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11

2962	479126.63	3849971.93	8.90E-08	8.79E-08	8.53E-08	3.08E-11	9.30E-11	5.39E-11	5.32E-11	4.82E-11	2.20E-11	2.14E-11	0.00E+00	0.00E+00	9.91E-12	1.80E-12	1.14E-11	1.77E-12	1.65E-12	2.66E-11
2963	479176.63	3849971.93	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.94E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
2964	479226.63	3849971.93	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
2965	479276.63	3849971.93	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	0.00E+00	0.00E+00	9.92E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.66E-11
2966	479326.63	3849971.93	9.04E-08	8.93E-08	8.67E-08	3.13E-11	9.45E-11	5.47E-11	5.40E-11	4.90E-11	2.23E-11	2.17E-11	0.00E+00	0.00E+00	1.01E-11	1.83E-12	1.16E-11	1.79E-12	1.68E-12	2.70E-11
2967	479376.63	3849971.93	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.94E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
2968	479426.63	3849971.93	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.83E-12	1.16E-11	1.79E-12	1.67E-12	2.69E-11
2969	478726.63	3850021.93	8.80E-08	8.68E-08	8.43E-08	3.05E-11	9.19E-11	5.32E-11	5.25E-11	4.76E-11	2.17E-11	2.11E-11	0.00E+00	0.00E+00	9.79E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.63E-11
2970	478776.63	3850021.93	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	0.00E+00	0.00E+00	9.81E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
2971	478826.63	3850021.93	8.84E-08	8.72E-08	8.47E-08	3.06E-11	9.24E-11	5.35E-11	5.28E-11	4.78E-11	2.18E-11	2.12E-11	0.00E+00	0.00E+00	9.84E-12	1.79E-12	1.14E-11	1.75E-12	1.64E-12	2.64E-11
2972	478976.63	3850021.93	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.94E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
2973	478726.63	3850071.93	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	0.00E+00	0.00E+00	9.88E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
2974	478776.63	3850071.93	8.89E-08	8.77E-08	8.52E-08	3.08E-11	9.29E-11	5.38E-11	5.31E-11	4.81E-11	2.20E-11	2.13E-11	0.00E+00	0.00E+00	9.89E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
2975	478826.63	3850071.93	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	0.00E+00	0.00E+00	9.92E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.66E-11
2976	478876.63	3850071.93	8.94E-08	8.82E-08	8.57E-08	3.09E-11	9.34E-11	5.41E-11	5.34E-11	4.84E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.95E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
2977	478976.63	3850071.93	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.83E-12	1.16E-11	1.79E-12	1.67E-12	2.69E-11
2978	478726.63	3850121.93	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.97E-12	1.81E-12	1.15E-11	1.78E-12	1.66E-12	2.67E-11
2979	478776.63	3850121.93	8.98E-08	8.86E-08	8.61E-08	3.11E-11	9.39E-11	5.43E-11	5.36E-11	4.86E-11	2.22E-11	2.15E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.15E-11	1.78E-12	1.67E-12	2.68E-11
2980	478826.63	3850121.93	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.16E-11	1.78E-12	1.67E-12	2.69E-11
2981	478876.63	3850121.93	9.02E-08	8.90E-08	8.64E-08	3.12E-11	9.43E-11	5.46E-11	5.39E-11	4.88E-11	2.23E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.83E-12	1.16E-11	1.79E-12	1.67E-12	2.69E-11
2982	478976.63	3850121.93	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.69E-12	2.71E-11
2983	479026.63	3850121.93	9.12E-08	9.00E-08	8.74E-08	3.16E-11	9.53E-11	5.52E-11	5.45E-11	4.94E-11	2.25E-11	2.19E-11	0.00E+00	0.00E+00	1.02E-11	1.85E-12	1.17E-11	1.81E-12	1.69E-12	2.72E-11
2984	479076.63	3850121.93	9.14E-08	9.02E-08	8.76E-08	3.16E-11	9.55E-11	5.53E-11	5.46E-11	4.95E-11	2.26E-11	2.19E-11	0.00E+00	0.00E+00	1.02E-11	1.85E-12	1.18E-11	1.81E-12	1.70E-12	2.73E-11
2985	479126.63	3850121.93	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.70E-12	2.74E-11
2986	478776.63	3850171.93	9.06E-08	8.94E-08	8.68E-08	3.14E-11	9.47E-11	5.48E-11	5.41E-11	4.90E-11	2.24E-11	2.17E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.16E-11	1.80E-12	1.68E-12	2.70E-11
2987	478826.63	3850171.93	9.07E-08	8.95E-08	8.69E-08	3.14E-11	9.48E-11	5.49E-11	5.42E-11	4.91E-11	2.24E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.68E-12	2.71E-11
2988	478876.63	3850171.93	9.10E-08	8.98E-08	8.72E-08	3.15E-11	9.51E-11	5.50E-11	5.43E-11	4.92E-11	2.25E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.69E-12	2.72E-11
2989	478976.63	3850171.93	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.70E-12	2.74E-11
2990	479026.63	3850171.93	9.20E-08	9.08E-08	8.82E-08	3.18E-11	9.62E-11	5.57E-11	5.49E-11	4.98E-11	2.27E-11	2.21E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.71E-12	2.75E-11
2991	479076.63	3850171.93	9.23E-08	9.11E-08	8.84E-08	3.19E-11	9.64E-11	5.58E-11	5.51E-11	4.99E-11	2.28E-11	2.21E-11	0.00E+00	0.00E+00	1.03E-11	1.87E-12	1.19E-11	1.83E-12	1.71E-12	2.76E-11
2992	479126.63	3850171.93	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.76E-11
2993	479176.63	3850171.93	9.29E-08	9.17E-08	8.91E-08	3.22E-11	9.71E-11	5.62E-11	5.55E-11	5.03E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.20E-11	1.84E-12	1.73E-12	2.77E-11
2994	479226.63	3850171.93	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	0.00E+00	0.00E+00	1.04E-11	1.90E-12	1.21E-11	1.86E-12	1.74E-12	2.80E-11
2995	479276.63	3850171.93	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
2996	479326.63	3850171.93	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
2997	479376.63	3850171.93	9.49E-08	9.36E-08	9.09E-08	3.28E-11	9.92E-11	5.74E-11	5.67E-11	5.14E-11	2.34E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
2998	478676.63	3850221.93	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.69E-12	2.71E-11
2999	478726.63	3850221.93	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	0.00E+00	0.00E+00	1.01E-11	1.85E-12	1.17E-11	1.81E-12	1.69E-12	2.72E-11
3000	478976.63	3850221.93	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.76E-11
3001	479026.63	3850221.93	9.29E-08	9.17E-08	8.91E-08	3.22E-11	9.71E-11	5.62E-11	5.55E-11	5.03E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.20E-11	1.84E-12	1.73E-12	2.77E-11
3002	479076.63	3850221.93	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
3003	479126.63	3850221.93	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.74E-12	2.79E-11
3004	479176.63	3850221.93	9.41E-08	9.29E-08	9.02E-08	3.26E-11	9.83E-11	5.69E-11	5.62E-11	5.09E-11	2.32E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.81E-11
3005	479226.63	3850221.93	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
3006	479276.63	3850221.93	9.53E-08	9.40E-08	9.13E-08	3.30E-11	9.96E-11	5.76E-11	5.69E-11	5.16E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.23E-11	1.89E-12	1.77E-12	2.84E-11
3007	479326.63	3850221.93	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	0.00E+00	0.00E+00	1.06E-11	1.94E-12	1.23E-11	1.89E-12	1.77E-12	2.85E-11
3008	479376.63	3850221.93	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
3009	478676.63	3850271.93	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.70E-12	2.74E-11
3010	478726.63	3850271.93	9.19E-08	9.07E-08	8.81E-08	3.18E-11	9.60E-11	5.56E-11	5.49E-11	4.97E-11	2.27E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.71E-12	2.74E-11
3011	478976.63	3850271.93	9.33E-08	9.21E-08	8.94E-08	3.23E-11	9.75E-11	5.65E-11	5.57E-11	5.05E-11	2.30E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.79E-11
3012	479026.63	3850271.93	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	0.00E+00	0.00E+00	1.04E-11	1.90E-12	1.21E-11	1.86E-12	1.74E-12	2.80E-11
3013	479076.63	3850271.93	9.41E-08	9.29E-08	9.02E-08	3.26E-11	9.83E-11	5.69E-11	5.62E-11	5.09E-11	2.32E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.81E-11
3014	479126.63	3850271.93	9.43E-08	9.31E-08	9.04E-08	3.27E-11	9.86E-11	5.71E-11	5.63E-11	5.11E-11	2.33E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.82E-11

3015	479176.63	3850271.93	9.49E-08	9.36E-08	9.09E-08	3.28E-11	9.92E-11	5.74E-11	5.67E-11	5.14E-11	2.34E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
3016	479226.63	3850271.93	9.54E-08	9.41E-08	9.14E-08	3.30E-11	9.97E-11	5.77E-11	5.70E-11	5.16E-11	2.36E-11	2.29E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.23E-11	1.89E-12	1.77E-12	2.85E-11
3017	479276.63	3850271.93	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
3018	479326.63	3850271.93	9.60E-08	9.48E-08	9.20E-08	3.32E-11	1.00E-10	5.81E-11	5.74E-11	5.20E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.90E-12	1.78E-12	2.87E-11
3019	479376.63	3850271.93	9.62E-08	9.49E-08	9.22E-08	3.33E-11	1.01E-10	5.82E-11	5.74E-11	5.21E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.87E-11
3020	479053.24	3850293.52	9.42E-08	9.30E-08	9.03E-08	3.26E-11	9.85E-11	5.70E-11	5.63E-11	5.10E-11	2.33E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.81E-11
3021	479103.24	3850293.52	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
3022	479153.24	3850293.52	9.50E-08	9.38E-08	9.10E-08	3.29E-11	9.93E-11	5.75E-11	5.67E-11	5.14E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.22E-11	1.88E-12	1.76E-12	2.84E-11
3023	479203.24	3850293.52	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	0.00E+00	0.00E+00	1.06E-11	1.94E-12	1.23E-11	1.89E-12	1.77E-12	2.85E-11
3024	479253.24	3850293.52	9.59E-08	9.47E-08	9.19E-08	3.32E-11	1.00E-10	5.80E-11	5.73E-11	5.19E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
3025	479303.24	3850293.52	9.62E-08	9.49E-08	9.22E-08	3.33E-11	1.01E-10	5.82E-11	5.74E-11	5.21E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.87E-11
3026	479353.24	3850293.52	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.88E-11
3027	479153.24	3850343.52	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
3028	479203.24	3850343.52	9.62E-08	9.49E-08	9.22E-08	3.33E-11	1.01E-10	5.82E-11	5.74E-11	5.21E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.87E-11
3029	479253.24	3850343.52	9.66E-08	9.53E-08	9.25E-08	3.34E-11	1.01E-10	5.84E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	0.00E+00	0.00E+00	1.07E-11	1.96E-12	1.24E-11	1.92E-12	1.79E-12	2.88E-11
3030	479303.24	3850343.52	9.67E-08	9.54E-08	9.27E-08	3.35E-11	1.01E-10	5.85E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	0.00E+00	0.00E+00	1.08E-11	1.96E-12	1.24E-11	1.92E-12	1.80E-12	2.89E-11
3031	479353.24	3850343.52	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.92E-12	1.80E-12	2.90E-11
3032	479203.24	3850393.52	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.92E-12	1.80E-12	2.90E-11
3033	479253.24	3850393.52	9.72E-08	9.59E-08	9.32E-08	3.37E-11	1.02E-10	5.88E-11	5.81E-11	5.26E-11	2.40E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.93E-12	1.81E-12	2.90E-11
3034	479303.24	3850393.52	9.73E-08	9.61E-08	9.33E-08	3.37E-11	1.02E-10	5.89E-11	5.81E-11	5.27E-11	2.40E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.93E-12	1.81E-12	2.91E-11
3035	479353.24	3850393.52	9.76E-08	9.63E-08	9.35E-08	3.38E-11	1.02E-10	5.91E-11	5.83E-11	5.28E-11	2.41E-11	2.34E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.81E-12	2.91E-11
3036	479403.24	3850393.52	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.82E-12	2.92E-11
3037	479453.24	3850393.52	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.82E-12	2.92E-11
3038	479503.24	3850393.52	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.82E-12	2.92E-11
3039	479303.24	3850443.52	9.80E-08	9.67E-08	9.39E-08	3.39E-11	1.02E-10	5.93E-11	5.85E-11	5.30E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.94E-12	1.82E-12	2.93E-11
3040	479353.24	3850443.52	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
3041	479403.24	3850443.52	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
3042	479453.24	3850443.52	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
3043	479503.24	3850443.52	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
3044	480327.18	3850987.04	1.15E-07	1.14E-07	1.11E-07	4.00E-11	1.21E-10	6.98E-11	6.89E-11	6.25E-11	2.85E-11	2.77E-11	0.00E+00	0.00E+00	1.28E-11	2.34E-12	1.48E-11	2.29E-12	2.14E-12	3.45E-11
3045	480377.18	3850987.04	1.16E-07	1.15E-07	1.11E-07	4.02E-11	1.21E-10	7.03E-11	6.94E-11	6.29E-11	2.87E-11	2.79E-11	0.00E+00	0.00E+00	1.29E-11	2.36E-12	1.49E-11	2.31E-12	2.16E-12	3.47E-11
3046	480427.18	3850987.04	1.17E-07	1.15E-07	1.12E-07	4.05E-11	1.22E-10	7.07E-11	6.98E-11	6.33E-11	2.89E-11	2.80E-11	0.00E+00	0.00E+00	1.30E-11	2.37E-12	1.50E-11	2.32E-12	2.17E-12	3.49E-11
3047	480477.18	3850987.04	1.18E-07	1.16E-07	1.13E-07	4.07E-11	1.23E-10	7.11E-11	7.02E-11	6.36E-11	2.90E-11	2.82E-11	0.00E+00	0.00E+00	1.31E-11	2.38E-12	1.51E-11	2.33E-12	2.18E-12	3.51E-11
3048	480327.18	3851037.04	1.16E-07	1.14E-07	1.11E-07	4.01E-11	1.21E-10	7.02E-11	6.92E-11	6.28E-11	2.86E-11	2.78E-11	0.00E+00	0.00E+00	1.29E-11	2.35E-12	1.49E-11	2.30E-12	2.15E-12	3.46E-11
3049	480377.18	3851037.04	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.96E-11	6.31E-11	2.88E-11	2.80E-11	0.00E+00	0.00E+00	1.30E-11	2.36E-12	1.50E-11	2.31E-12	2.17E-12	3.48E-11
3050	480427.18	3851037.04	1.17E-07	1.16E-07	1.12E-07	4.06E-11	1.23E-10	7.09E-11	7.00E-11	6.35E-11	2.90E-11	2.81E-11	0.00E+00	0.00E+00	1.31E-11	2.38E-12	1.51E-11	2.33E-12	2.18E-12	3.50E-11
3051	480477.18	3851037.04	1.18E-07	1.16E-07	1.13E-07	4.09E-11	1.23E-10	7.14E-11	7.05E-11	6.39E-11	2.92E-11	2.83E-11	0.00E+00	0.00E+00	1.31E-11	2.39E-12	1.52E-11	2.34E-12	2.19E-12	3.52E-11
3052	480622.06	3851087.39	1.21E-07	1.19E-07	1.16E-07	4.19E-11	1.26E-10	7.32E-11	7.23E-11	6.55E-11	2.99E-11	2.90E-11	0.00E+00	0.00E+00	1.35E-11	2.45E-12	1.56E-11	2.40E-12	2.25E-12	3.61E-11
3053	480672.06	3851087.39	1.22E-07	1.21E-07	1.17E-07	4.23E-11	1.28E-10	7.39E-11	7.30E-11	6.61E-11	3.02E-11	2.93E-11	0.00E+00	0.00E+00	1.36E-11	2.48E-12	1.57E-11	2.42E-12	2.27E-12	3.65E-11
3054	480622.06	3851137.39	1.22E-07	1.20E-07	1.16E-07	4.21E-11	1.27E-10	7.35E-11	7.26E-11	6.58E-11	3.00E-11	2.92E-11	0.00E+00	0.00E+00	1.35E-11	2.46E-12	1.56E-11	2.41E-12	2.26E-12	3.63E-11
3055	480672.06	3851137.39	1.23E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.42E-11	7.32E-11	6.64E-11	3.03E-11	2.94E-11	0.00E+00	0.00E+00	1.36E-11	2.48E-12	1.58E-11	2.43E-12	2.28E-12	3.66E-11
3056	480722.06	3851137.39	1.24E-07	1.22E-07	1.19E-07	4.28E-11	1.29E-10	7.49E-11	7.39E-11	6.70E-11	3.06E-11	2.97E-11	0.00E+00	0.00E+00	1.38E-11	2.51E-12	1.59E-11	2.45E-12	2.30E-12	3.70E-11
3057	480622.06	3851187.39	1.22E-07	1.20E-07	1.17E-07	4.23E-11	1.28E-10	7.39E-11	7.29E-11	6.61E-11	3.02E-11	2.93E-11	0.00E+00	0.00E+00	1.36E-11	2.47E-12	1.57E-11	2.42E-12	2.27E-12	3.65E-11
3058	480672.06	3851187.39	1.23E-07	1.22E-07	1.18E-07	4.26E-11	1.29E-10	7.45E-11	7.35E-11	6.66E-11	3.04E-11	2.95E-11	0.00E+00	0.00E+00	1.37E-11	2.50E-12	1.58E-11	2.44E-12	2.29E-12	3.68E-11
3059	480722.06	3851187.39	1.24E-07	1.23E-07	1.19E-07	4.30E-11	1.30E-10	7.52E-11	7.42E-11	6.73E-11	3.07E-11	2.98E-11	0.00E+00	0.00E+00	1.38E-11	2.52E-12	1.60E-11	2.47E-12	2.31E-12	3.71E-11
3060	471363.09	3845877.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	0.00E+00	0.00E+00	3.78E-12	6.88E-13	4.37E-12	6.74E-13	6.31E-13	1.01E-11
3061	471863.09	3845877.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	0.00E+00	0.00E+00	3.64E-12	6.62E-13	4.20E-12	6.48E-13	6.07E-13	9.75E-12
3062	472363.09	3845877.25	3.55E-08	3.51E-08	3.40E-08	1.23E-11	3.71E-11	2.15E-11	2.12E-11	1.92E-11	8.78E-12	8.52E-12	0.00E+00	0.00E+00	3.95E-12	7.20E-13	4.57E-12	7.05E-13	6.60E-13	1.06E-11
3063	472863.09	3845877.25	3.14E-08	3.10E-08	3.01E-08	1.09E-11	3.28E-11	1.90E-11	1.87E-11	1.70E-11	7.75E-12	7.52E-12	0.00E+00	0.00E+00	3.49E-12	6.36E-13	4.03E-12	6.22E-13	5.82E-13	9.37E-12
3064	473363.09	3845877.25	3.18E-08	3.13E-08	3.04E-08	1.10E-11	3.32E-11	1.92E-11	1.90E-11	1.72E-11	7.84E-12	7.62E-12	0.00E+00	0.00E+00	3.53E-12	6.44E-13	4.08E-12	6.30E-13	5.90E-13	9.48E-12
3065	473863.09	3845877.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	0.00E+00	0.00E+00	3.64E-12	6.62E-13	4.20E-12	6.48E-13	6.07E-13	9.75E-12
3066	474363.09	3845877.25	3.57E-08	3.52E-08	3.42E-08	1.23E-11	3.73E-11	2.16E-11	2.13E-11	1.93E-11	8.81E-12	8.55E-12	0.00E+00	0.00E+00	3.97E-12	7.23E-13	4.59E-12	7.07E-13	6.62E-13	1.06E-11
3067	474863.09	3845877.25	3.77E-08	3.72E-08	3.62E-08	1.31E-11	3.94E-11	2.28E-11	2.25E-11	2.04E-11	9.32E-12	9.05E-12	0.00E+00	0.00E+00	4.20E-12	7.65E-13	4.85E-12	7.49E-13	7.01E-13	1.13E-11

3068	475363.09	3845877.25	4.10E-08	4.05E-08	3.93E-08	1.42E-11	4.28E-11	2.48E-11	2.45E-11	2.22E-11	1.01E-11	9.83E-12	0.00E+00	0.00E+00	4.56E-12	8.31E-13	5.27E-12	8.13E-13	7.61E-13	1.22E-11
3069	475863.09	3845877.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	0.00E+00	0.00E+00	4.97E-12	9.05E-13	5.74E-12	8.85E-13	8.29E-13	1.33E-11
3070	476363.09	3845877.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	0.00E+00	0.00E+00	4.97E-12	9.05E-13	5.74E-12	8.85E-13	8.29E-13	1.33E-11
3071	476863.09	3845877.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.77E-12	8.68E-13	5.51E-12	8.49E-13	7.95E-13	1.28E-11
3072	477363.09	3845877.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.77E-12	8.68E-13	5.51E-12	8.49E-13	7.95E-13	1.28E-11
3073	477863.09	3845877.25	4.01E-08	3.96E-08	3.84E-08	1.39E-11	4.19E-11	2.43E-11	2.39E-11	2.17E-11	9.90E-12	9.61E-12	0.00E+00	0.00E+00	4.46E-12	8.12E-13	5.16E-12	7.95E-13	7.44E-13	1.20E-11
3074	478363.09	3845877.25	3.66E-08	3.61E-08	3.50E-08	1.27E-11	3.82E-11	2.21E-11	2.18E-11	1.98E-11	9.03E-12	8.77E-12	0.00E+00	0.00E+00	4.07E-12	7.41E-13	4.70E-12	7.25E-13	6.79E-13	1.09E-11
3075	478863.09	3845877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	0.00E+00	0.00E+00	3.93E-12	7.15E-13	4.54E-12	7.00E-13	6.55E-13	1.05E-11
3076	479363.09	3845877.25	3.66E-08	3.61E-08	3.50E-08	1.27E-11	3.82E-11	2.21E-11	2.18E-11	1.98E-11	9.03E-12	8.77E-12	0.00E+00	0.00E+00	4.07E-12	7.41E-13	4.70E-12	7.25E-13	6.79E-13	1.09E-11
3077	479863.09	3845877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	0.00E+00	0.00E+00	3.93E-12	7.15E-13	4.54E-12	7.00E-13	6.55E-13	1.05E-11
3078	480363.09	3845877.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	0.00E+00	0.00E+00	3.33E-12	6.07E-13	3.85E-12	5.94E-13	5.56E-13	8.94E-12
3079	480863.09	3845877.25	2.82E-08	2.79E-08	2.71E-08	9.78E-12	2.95E-11	1.71E-11	1.69E-11	1.53E-11	6.98E-12	6.77E-12	0.00E+00	0.00E+00	3.14E-12	5.72E-13	3.63E-12	5.60E-13	5.24E-13	8.43E-12
3080	481363.09	3845877.25	2.59E-08	2.56E-08	2.48E-08	8.96E-12	2.71E-11	1.57E-11	1.55E-11	1.40E-11	6.40E-12	6.21E-12	0.00E+00	0.00E+00	2.88E-12	5.25E-13	3.33E-12	5.14E-13	4.81E-13	7.73E-12
3081	481863.09	3845877.25	2.33E-08	2.30E-08	2.23E-08	8.06E-12	2.43E-11	1.41E-11	1.39E-11	1.26E-11	5.75E-12	5.59E-12	0.00E+00	0.00E+00	2.59E-12	4.72E-13	3.00E-12	4.62E-13	4.33E-13	6.96E-12
3082	482363.09	3845877.25	2.06E-08	2.03E-08	1.97E-08	7.12E-12	2.15E-11	1.24E-11	1.23E-11	1.11E-11	5.08E-12	4.93E-12	0.00E+00	0.00E+00	2.29E-12	4.17E-13	2.64E-12	4.08E-13	3.82E-13	6.14E-12
3083	482863.09	3845877.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	0.00E+00	0.00E+00	1.74E-12	3.17E-13	2.01E-12	3.10E-13	2.90E-13	4.66E-12
3084	483363.09	3845877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	0.00E+00	0.00E+00	1.55E-12	2.82E-13	1.79E-12	2.76E-13	2.59E-13	4.16E-12
3085	483863.09	3845877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	0.00E+00	0.00E+00	1.84E-12	3.35E-13	2.13E-12	3.28E-13	3.07E-13	4.94E-12
3086	484363.09	3845877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	0.00E+00	0.00E+00	1.84E-12	3.35E-13	2.13E-12	3.28E-13	3.07E-13	4.94E-12
3087	484863.09	3845877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	0.00E+00	0.00E+00	1.80E-12	3.27E-13	2.08E-12	3.20E-13	3.00E-13	4.82E-12
3088	485363.09	3845877.25	1.54E-08	1.52E-08	1.47E-08	5.32E-12	1.61E-11	9.29E-12	9.17E-12	8.31E-12	3.79E-12	3.68E-12	0.00E+00	0.00E+00	1.71E-12	3.11E-13	1.98E-12	3.05E-13	2.85E-13	4.59E-12
3089	485863.09	3845877.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	0.00E+00	0.00E+00	1.69E-12	3.09E-13	1.96E-12	3.02E-13	2.83E-13	4.55E-12
3090	486363.09	3845877.25	1.50E-08	1.48E-08	1.43E-08	5.18E-12	1.56E-11	9.06E-12	8.94E-12	8.10E-12	3.70E-12	3.59E-12	0.00E+00	0.00E+00	1.67E-12	3.03E-13	1.92E-12	2.97E-13	2.78E-13	4.47E-12
3091	486863.09	3845877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	0.00E+00	0.00E+00	1.61E-12	2.93E-13	1.86E-12	2.87E-13	2.68E-13	4.31E-12
3092	487363.09	3845877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	0.00E+00	0.00E+00	1.61E-12	2.93E-13	1.86E-12	2.87E-13	2.68E-13	4.31E-12
3093	487863.09	3845877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	0.00E+00	0.00E+00	1.52E-12	2.77E-13	1.76E-12	2.71E-13	2.54E-13	4.08E-12
3094	488363.09	3845877.25	1.26E-08	1.25E-08	1.21E-08	4.37E-12	1.32E-11	7.64E-12	7.54E-12	6.83E-12	3.12E-12	3.03E-12	0.00E+00	0.00E+00	1.41E-12	2.56E-13	1.62E-12	2.50E-13	2.34E-13	3.77E-12
3095	488863.09	3845877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	0.00E+00	0.00E+00	1.52E-12	2.77E-13	1.76E-12	2.71E-13	2.54E-13	4.08E-12
3096	489363.09	3845877.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	0.00E+00	0.00E+00	1.51E-12	2.74E-13	1.74E-12	2.68E-13	2.51E-13	4.04E-12
3097	489863.09	3845877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	0.00E+00	0.00E+00	1.45E-12	2.64E-13	1.67E-12	2.58E-13	2.42E-13	3.89E-12
3098	490363.09	3845877.25	1.18E-08	1.17E-08	1.13E-08	4.10E-12	1.24E-11	7.17E-12	7.07E-12	6.41E-12	2.93E-12	2.84E-12	0.00E+00	0.00E+00	1.32E-12	2.40E-13	1.52E-12	2.35E-13	2.20E-13	3.54E-12
3099	490863.09	3845877.25	1.00E-08	9.89E-09	9.60E-09	3.47E-12	1.05E-11	6.06E-12	5.98E-12	5.42E-12	2.48E-12	2.40E-12	0.00E+00	0.00E+00	1.12E-12	2.03E-13	1.29E-12	1.99E-13	1.86E-13	2.99E-12
3100	491363.09	3845877.25	1.04E-08	1.03E-08	9.98E-09	3.60E-12	1.09E-11	6.30E-12	6.22E-12	5.64E-12	2.57E-12	2.50E-12	0.00E+00	0.00E+00	1.16E-12	2.11E-13	1.34E-12	2.06E-13	1.93E-13	3.11E-12
3101	491863.09	3845877.25	1.07E-08	1.05E-08	1.02E-08	3.69E-12	1.12E-11	6.46E-12	6.37E-12	5.78E-12	2.64E-12	2.56E-12	0.00E+00	0.00E+00	1.19E-12	2.16E-13	1.37E-12	2.12E-13	1.98E-13	3.19E-12
3102	492363.09	3845877.25	9.89E-09	9.76E-09	9.48E-09	3.42E-12	1.03E-11	5.98E-12	5.91E-12	5.35E-12	2.44E-12	2.37E-12	0.00E+00	0.00E+00	1.10E-12	2.00E-13	1.27E-12	1.96E-13	1.84E-13	2.95E-12
3103	492863.09	3845877.25	1.11E-08	1.09E-08	1.06E-08	3.83E-12	1.16E-11	6.69E-12	6.61E-12	5.99E-12	2.73E-12	2.65E-12	0.00E+00	0.00E+00	1.23E-12	2.24E-13	1.42E-12	2.19E-13	2.05E-13	3.30E-12
3104	493363.09	3845877.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	0.00E+00	0.00E+00	1.29E-12	2.35E-13	1.49E-12	2.30E-13	2.15E-13	3.46E-12
3105	493863.09	3845877.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	0.00E+00	0.00E+00	1.29E-12	2.35E-13	1.49E-12	2.30E-13	2.15E-13	3.46E-12
3106	494363.09	3845877.25	1.18E-08	1.17E-08	1.13E-08	4.10E-12	1.24E-11	7.17E-12	7.07E-12	6.41E-12	2.93E-12	2.84E-12	0.00E+00	0.00E+00	1.32E-12	2.40E-13	1.52E-12	2.35E-13	2.20E-13	3.54E-12
3107	494863.09	3845877.25	1.22E-08	1.21E-08	1.17E-08	4.23E-12	1.28E-11	7.40E-12	7.31E-12	6.62E-12	3.02E-12	2.93E-12	0.00E+00	0.00E+00	1.36E-12	2.48E-13	1.57E-12	2.43E-13	2.27E-13	3.65E-12
3108	495363.09	3845877.25	1.24E-08	1.22E-08	1.18E-08	4.28E-12	1.29E-11	7.48E-12	7.38E-12	6.69E-12	3.05E-12	2.97E-12	0.00E+00	0.00E+00	1.38E-12	2.51E-13	1.59E-12	2.45E-13	2.30E-13	3.69E-12
3109	495863.09	3845877.25	1.25E-08	1.23E-08	1.20E-08	4.32E-12	1.31E-11	7.56E-12	7.46E-12	6.76E-12	3.09E-12	3.00E-12	0.00E+00	0.00E+00	1.39E-12	2.53E-13	1.61E-12	2.48E-13	2.32E-13	3.73E-12
3110	496363.09	3845877.25	1.28E-08	1.26E-08	1.22E-08	4.41E-12	1.33E-11	7.72E-12	7.62E-12	6.90E-12	3.15E-12	3.06E-12	0.00E+00	0.00E+00	1.42E-12	2.59E-13	1.64E-12	2.53E-13	2.37E-13	3.81E-12
3111	496863.09	3845877.25	1.24E-08	1.22E-08	1.18E-08	4.28E-12	1.29E-11	7.48E-12	7.38E-12	6.69E-12	3.05E-12	2.97E-12	0.00E+00	0.00E+00	1.38E-12	2.51E-13	1.59E-12	2.45E-13	2.30E-13	3.69E-12
3112	497363.09	3845877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	0.00E+00	0.00E+00	1.45E-12	2.64E-13	1.67E-12	2.58E-13	2.42E-13	3.89E-12
3113	497863.09	3845877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	0.00E+00	0.00E+00	1.55E-12	2.82E-13	1.79E-12	2.76E-13	2.59E-13	4.16E-12
3114	498363.09	3845877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	0.00E+00	0.00E+00	1.55E-12	2.82E-13	1.79E-12	2.76E-13	2.59E-13	4.16E-12
3115	471363.09	3846377.25	4.80E-08	4.74E-08	4.60E-08	1.66E-11	5.02E-11	2.91E-11	2.87E-11	2.60E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.35E-12	9.73E-13	6.18E-12	9.52E-13	8.92E-13	1.43E-11
3116	471863.09	3846377.25	4.52E-08	4.46E-08	4.33E-08	1.56E-11	4.72E-11	2.73E-11	2.70E-11	2.44E-11	1.12E-11	1.08E-11	0.00E+00	0.00E+00	5.03E-12	9.15E-13	5.81E-12	8.96E-13	8.39E-13	1.35E-11
3117	472363.09	3846377.25	3.47E-08	3.43E-08	3.33E-08	1.20E-11	3.63E-11	2.10E-11	2.07E-11	1.88E-11	8.58E-12	8.33E-12	0.00E+00	0.00E+00	3.87E-12	7.04E-13	4.47E-12	6.89E-13	6.45E-13	1.04E-11
3118	472863.09	3846377.25	3.55E-08	3.51E-08	3.40E-08	1.23E-11	3.71E-11	2.15E-11	2.12E-11	1.92E-11	8.78E-12	8.52E-12	0.00E+00	0.00E+00	3.95E-12	7.20E-13	4.57E-12	7.05E-13	6.60E-13	1.06E-11
3119	473363.09	3846377.25	3.59E-08	3.54E-08	3.44E-08	1.24E-11	3.75E-11	2.17E-11	2.14E-11	1.94E-11	8.87E-12	8.62E-12	0.00E+00	0.00E+00	4.00E-12	7.28E-13	4.62E-12	7.12E-13	6.67E-13	1.07E-11
3120	473863.09	3846377.25	3.72E-08	3.67E-08	3.57E-08	1.29E-11	3.89E-11	2.25E-11	2.22E-11	2.01E-11	9.19E-12	8.93E-12	0.00E+00	0.00E+00	4.14E-12	7.54E-13	4.79E-12	7.38E-13	6.91E-13	1.11E-11

3121	474363.09	3846377.25	3.81E-08	3.76E-08	3.65E-08	1.32E-11	3.99E-11	2.31E-11	2.28E-11	2.06E-11	9.42E-12	9.15E-12	0.00E+00	0.00E+00	4.24E-12	7.73E-13	4.90E-12	7.56E-13	7.08E-13	1.14E-11
3122	474863.09	3846377.25	4.07E-08	4.02E-08	3.90E-08	1.41E-11	4.26E-11	2.46E-11	2.43E-11	2.20E-11	1.01E-11	9.77E-12	0.00E+00	0.00E+00	4.53E-12	8.26E-13	5.24E-12	8.08E-13	7.57E-13	1.22E-11
3123	475363.09	3846377.25	4.24E-08	4.19E-08	4.07E-08	1.47E-11	4.43E-11	2.57E-11	2.53E-11	2.30E-11	1.05E-11	1.02E-11	0.00E+00	0.00E+00	4.72E-12	8.60E-13	5.46E-12	8.41E-13	7.88E-13	1.27E-11
3124	475863.09	3846377.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	0.00E+00	0.00E+00	5.07E-12	9.23E-13	5.86E-12	9.03E-13	8.46E-13	1.36E-11
3125	476363.09	3846377.25	4.80E-08	4.74E-08	4.60E-08	1.66E-11	5.02E-11	2.91E-11	2.87E-11	2.60E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.35E-12	9.73E-13	6.18E-12	9.52E-13	8.92E-13	1.43E-11
3126	476863.09	3846377.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.36E-12	9.76E-13	6.19E-12	9.55E-13	8.94E-13	1.44E-11
3127	477363.09	3846377.25	4.67E-08	4.61E-08	4.48E-08	1.62E-11	4.88E-11	2.83E-11	2.79E-11	2.53E-11	1.15E-11	1.12E-11	0.00E+00	0.00E+00	5.20E-12	9.47E-13	6.01E-12	9.27E-13	8.68E-13	1.40E-11
3128	477863.09	3846377.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	0.00E+00	0.00E+00	5.08E-12	9.26E-13	5.88E-12	9.06E-13	8.48E-13	1.36E-11
3129	478363.09	3846377.25	4.29E-08	4.24E-08	4.12E-08	1.49E-11	4.49E-11	2.60E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.78E-12	8.70E-13	5.52E-12	8.52E-13	7.98E-13	1.28E-11
3130	478863.09	3846377.25	4.05E-08	3.99E-08	3.88E-08	1.40E-11	4.23E-11	2.45E-11	2.42E-11	2.19E-11	1.00E-11	9.71E-12	0.00E+00	0.00E+00	4.51E-12	8.20E-13	5.21E-12	8.03E-13	7.52E-13	1.21E-11
3131	479363.09	3846377.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	0.00E+00	0.00E+00	4.42E-12	8.05E-13	5.11E-12	7.87E-13	7.37E-13	1.19E-11
3132	479863.09	3846377.25	3.88E-08	3.83E-08	3.72E-08	1.34E-11	4.05E-11	2.35E-11	2.32E-11	2.10E-11	9.58E-12	9.30E-12	0.00E+00	0.00E+00	4.32E-12	7.86E-13	4.99E-12	7.69E-13	7.20E-13	1.16E-11
3133	480363.09	3846377.25	3.75E-08	3.70E-08	3.59E-08	1.30E-11	3.92E-11	2.27E-11	2.24E-11	2.03E-11	9.26E-12	8.99E-12	0.00E+00	0.00E+00	4.17E-12	7.60E-13	4.82E-12	7.43E-13	6.96E-13	1.12E-11
3134	480863.09	3846377.25	3.18E-08	3.13E-08	3.04E-08	1.10E-11	3.32E-11	1.92E-11	1.90E-11	1.72E-11	7.84E-12	7.62E-12	0.00E+00	0.00E+00	3.53E-12	6.44E-13	4.08E-12	6.30E-13	5.90E-13	9.48E-12
3135	481363.09	3846377.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	0.00E+00	0.00E+00	3.45E-12	6.28E-13	3.98E-12	6.14E-13	5.75E-13	9.25E-12
3136	481863.09	3846377.25	2.75E-08	2.71E-08	2.63E-08	9.51E-12	2.87E-11	1.66E-11	1.64E-11	1.49E-11	6.78E-12	6.59E-12	0.00E+00	0.00E+00	3.06E-12	5.57E-13	3.53E-12	5.45E-13	5.10E-13	8.20E-12
3137	482363.09	3846377.25	2.38E-08	2.35E-08	2.28E-08	8.24E-12	2.49E-11	1.44E-11	1.42E-11	1.29E-11	5.88E-12	5.71E-12	0.00E+00	0.00E+00	2.65E-12	4.83E-13	3.06E-12	4.72E-13	4.42E-13	7.11E-12
3138	482863.09	3846377.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	0.00E+00	0.00E+00	2.13E-12	3.88E-13	2.46E-12	3.79E-13	3.55E-13	5.71E-12
3139	483363.09	3846377.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	0.00E+00	0.00E+00	2.13E-12	3.88E-13	2.46E-12	3.79E-13	3.55E-13	5.71E-12
3140	483863.09	3846377.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	0.00E+00	0.00E+00	2.07E-12	3.77E-13	2.39E-12	3.69E-13	3.46E-13	5.56E-12
3141	484363.09	3846377.25	1.72E-08	1.70E-08	1.65E-08	5.95E-12	1.80E-11	1.04E-11	1.03E-11	9.30E-12	4.24E-12	4.12E-12	0.00E+00	0.00E+00	1.91E-12	3.48E-13	2.21E-12	3.41E-13	3.19E-13	5.13E-12
3142	484863.09	3846377.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	0.00E+00	0.00E+00	2.07E-12	3.77E-13	2.39E-12	3.69E-13	3.46E-13	5.56E-12
3143	485363.09	3846377.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	0.00E+00	0.00E+00	2.06E-12	3.75E-13	2.38E-12	3.67E-13	3.43E-13	5.52E-12
3144	485863.09	3846377.25	1.69E-08	1.67E-08	1.62E-08	5.86E-12	1.77E-11	1.02E-11	1.01E-11	9.16E-12	4.18E-12	4.06E-12	0.00E+00	0.00E+00	1.88E-12	3.43E-13	2.18E-12	3.36E-13	3.14E-13	5.05E-12
3145	486363.09	3846377.25	1.50E-08	1.48E-08	1.43E-08	5.18E-12	1.56E-11	9.06E-12	8.94E-12	8.10E-12	3.70E-12	3.59E-12	0.00E+00	0.00E+00	1.67E-12	3.03E-13	1.92E-12	2.97E-13	2.78E-13	4.47E-12
3146	486863.09	3846377.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	0.00E+00	0.00E+00	1.64E-12	2.98E-13	1.89E-12	2.92E-13	2.73E-13	4.39E-12
3147	487363.09	3846377.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	0.00E+00	0.00E+00	1.69E-12	3.09E-13	1.96E-12	3.02E-13	2.83E-13	4.55E-12
3148	487863.09	3846377.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	0.00E+00	0.00E+00	1.80E-12	3.27E-13	2.08E-12	3.20E-13	3.00E-13	4.82E-12
3149	488363.09	3846377.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	0.00E+00	0.00E+00	1.69E-12	3.09E-13	1.96E-12	3.02E-13	2.83E-13	4.55E-12
3150	488863.09	3846377.25	1.48E-08	1.46E-08	1.42E-08	5.14E-12	1.55E-11	8.98E-12	8.86E-12	8.03E-12	3.66E-12	3.56E-12	0.00E+00	0.00E+00	1.65E-12	3.01E-13	1.91E-12	2.94E-13	2.76E-13	4.43E-12
3151	489363.09	3846377.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	0.00E+00	0.00E+00	1.62E-12	2.95E-13	1.87E-12	2.89E-13	2.71E-13	4.35E-12
3152	489863.09	3846377.25	1.41E-08	1.39E-08	1.35E-08	4.87E-12	1.47E-11	8.50E-12	8.39E-12	7.61E-12	3.47E-12	3.37E-12	0.00E+00	0.00E+00	1.56E-12	2.85E-13	1.81E-12	2.79E-13	2.61E-13	4.20E-12
3153	490363.09	3846377.25	1.21E-08	1.19E-08	1.16E-08	4.19E-12	1.26E-11	7.32E-12	7.23E-12	6.55E-12	2.99E-12	2.90E-12	0.00E+00	0.00E+00	1.35E-12	2.45E-13	1.56E-12	2.40E-13	2.25E-13	3.61E-12
3154	490863.09	3846377.25	1.12E-08	1.10E-08	1.07E-08	3.87E-12	1.17E-11	6.77E-12	6.68E-12	6.06E-12	2.76E-12	2.68E-12	0.00E+00	0.00E+00	1.25E-12	2.27E-13	1.44E-12	2.22E-13	2.08E-13	3.34E-12
3155	491363.09	3846377.25	1.07E-08	1.05E-08	1.02E-08	3.69E-12	1.12E-11	6.46E-12	6.37E-12	5.78E-12	2.64E-12	2.56E-12	0.00E+00	0.00E+00	1.19E-12	2.16E-13	1.37E-12	2.12E-13	1.98E-13	3.19E-12
3156	491863.09	3846377.25	1.15E-08	1.13E-08	1.10E-08	3.96E-12	1.20E-11	6.93E-12	6.84E-12	6.20E-12	2.83E-12	2.75E-12	0.00E+00	0.00E+00	1.27E-12	2.32E-13	1.47E-12	2.27E-13	2.13E-13	3.42E-12
3157	492363.09	3846377.25	1.13E-08	1.12E-08	1.09E-08	3.92E-12	1.18E-11	6.85E-12	6.76E-12	6.13E-12	2.80E-12	2.72E-12	0.00E+00	0.00E+00	1.26E-12	2.29E-13	1.46E-12	2.25E-13	2.10E-13	3.38E-12
3158	492863.09	3846377.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	0.00E+00	0.00E+00	1.29E-12	2.35E-13	1.49E-12	2.30E-13	2.15E-13	3.46E-12
3159	493363.09	3846377.25	1.22E-08	1.21E-08	1.17E-08	4.23E-12	1.28E-11	7.40E-12	7.31E-12	6.62E-12	3.02E-12	2.93E-12	0.00E+00	0.00E+00	1.36E-12	2.48E-13	1.57E-12	2.43E-13	2.27E-13	3.65E-12
3160	493863.09	3846377.25	1.21E-08	1.19E-08	1.16E-08	4.19E-12	1.26E-11	7.32E-12	7.23E-12	6.55E-12	2.99E-12	2.90E-12	0.00E+00	0.00E+00	1.35E-12	2.45E-13	1.56E-12	2.40E-13	2.25E-13	3.61E-12
3161	494363.09	3846377.25	1.26E-08	1.25E-08	1.21E-08	4.37E-12	1.32E-11	7.64E-12	7.54E-12	6.83E-12	3.12E-12	3.03E-12	0.00E+00	0.00E+00	1.41E-12	2.56E-13	1.62E-12	2.50E-13	2.34E-13	3.77E-12
3162	494863.09	3846377.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	0.00E+00	0.00E+00	1.45E-12	2.64E-13	1.67E-12	2.58E-13	2.42E-13	3.89E-12
3163	495363.09	3846377.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	0.00E+00	0.00E+00	1.45E-12	2.64E-13	1.67E-12	2.58E-13	2.42E-13	3.89E-12
3164	495863.09	3846377.25	1.33E-08	1.31E-08	1.27E-08	4.59E-12	1.39E-11	8.03E-12	7.93E-12	7.19E-12	3.28E-12	3.18E-12	0.00E+00	0.00E+00	1.48E-12	2.69E-13	1.71E-12	2.63E-13	2.47E-13	3.96E-12
3165	496363.09	3846377.25	1.31E-08	1.30E-08	1.26E-08	4.55E-12	1.37E-11	7.95E-12	7.85E-12	7.12E-12	3.25E-12	3.15E-12	0.00E+00	0.00E+00	1.46E-12	2.66E-13	1.69E-12	2.61E-13	2.44E-13	3.92E-12
3166	496863.09	3846377.25	1.34E-08	1.32E-08	1.28E-08	4.64E-12	1.40E-11	8.11E-12	8.00E-12	7.26E-12	3.31E-12	3.22E-12	0.00E+00	0.00E+00	1.49E-12	2.72E-13	1.72E-12	2.66E-13	2.49E-13	4.00E-12
3167	497363.09	3846377.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	0.00E+00	0.00E+00	1.64E-12	2.98E-13	1.89E-12	2.92E-13	2.73E-13	4.39E-12
3168	497863.09	3846377.25	1.48E-08	1.46E-08	1.42E-08	5.14E-12	1.55E-11	8.98E-12	8.86E-12	8.03E-12	3.66E-12	3.56E-12	0.00E+00	0.00E+00	1.65E-12	3.01E-13	1.91E-12	2.94E-13	2.76E-13	4.43E-12
3169	498363.09	3846377.25	1.51E-08	1.49E-08	1.45E-08	5.23E-12	1.58E-11	9.13E-12	9.01E-12	8.17E-12	3.73E-12	3.62E-12	0.00E+00	0.00E+00	1.68E-12	3.06E-13	1.94E-12	2.99E-13	2.80E-13	4.51E-12
3170	471363.09	3846877.25	5.01E-08	4.94E-08	4.80E-08	1.73E-11	5.24E-11	3.03E-11	2.99E-11	2.71E-11	1.24E-11	1.20E-11	0.00E+00	0.00E+00	5.58E-12	1.02E-12	6.44E-12	9.94E-13	9.31E-13	1.50E-11
3171	471863.09	3846877.25	5.13E-08	5.06E-08	4.91E-08	1.77E-11	5.36E-11	3.10E-11	3.06E-11	2.78E-11	1.27E-11	1.23E-11	0.00E+00	0.00E+00	5.71E-12	1.04E-12	6.59E-12	1.02E-12	9.52E-13	1.53E-11
3172	472363.09	3846877.25	5.04E-08	4.97E-08	4.83E-08	1.74E-11	5.26E-11	3.05E-11	3.01E-11	2.73E-11	1.24E-11	1.21E-11	0.00E+00	0.00E+00	5.61E-12	1.02E-12	6.48E-12	9.99E-13	9.35E-13	1.50E-11
3173	472863.09	3846877.25	3.67E-08	3.62E-08	3.52E-08	1.27E-11	3.84E-11	2.22E-11	2.19E-11	1.99E-11	9.06E-12	8.80E-12	0.00E+00	0.00E+00	4.09E-12	7.44E-13	4.72E-12	7.28E-13	6.82E-13	1.10E-11

3174	473363.09	3846877.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	0.00E+00	0.00E+00	4.42E-12	8.05E-13	5.11E-12	7.87E-13	7.37E-13	1.19E-11
3175	473863.09	3846877.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.77E-12	8.68E-13	5.51E-12	8.49E-13	7.95E-13	1.28E-11
3176	474363.09	3846877.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.71E-12	8.57E-13	5.44E-12	8.39E-13	7.86E-13	1.26E-11
3177	474863.09	3846877.25	4.22E-08	4.16E-08	4.04E-08	1.46E-11	4.41E-11	2.55E-11	2.52E-11	2.28E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.69E-12	8.55E-13	5.42E-12	8.36E-13	7.83E-13	1.26E-11
3178	475363.09	3846877.25	4.29E-08	4.24E-08	4.12E-08	1.49E-11	4.49E-11	2.60E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.78E-12	8.70E-13	5.52E-12	8.52E-13	7.98E-13	1.28E-11
3179	475863.09	3846877.25	4.63E-08	4.57E-08	4.44E-08	1.60E-11	4.84E-11	2.80E-11	2.77E-11	2.51E-11	1.14E-11	1.11E-11	0.00E+00	0.00E+00	5.16E-12	9.39E-13	5.96E-12	9.19E-13	8.60E-13	1.38E-11
3180	476363.09	3846877.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	0.00E+00	0.00E+00	5.43E-12	9.89E-13	6.28E-12	9.68E-13	9.06E-13	1.46E-11
3181	476863.09	3846877.25	5.17E-08	5.10E-08	4.95E-08	1.79E-11	5.40E-11	3.13E-11	3.09E-11	2.80E-11	1.28E-11	1.24E-11	0.00E+00	0.00E+00	5.75E-12	1.05E-12	6.65E-12	1.02E-12	9.60E-13	1.54E-11
3182	477363.09	3846877.25	5.23E-08	5.16E-08	5.01E-08	1.81E-11	5.47E-11	3.17E-11	3.12E-11	2.83E-11	1.29E-11	1.25E-11	0.00E+00	0.00E+00	5.82E-12	1.06E-12	6.73E-12	1.04E-12	9.72E-13	1.56E-11
3183	477863.09	3846877.25	4.98E-08	4.92E-08	4.78E-08	1.73E-11	5.21E-11	3.02E-11	2.98E-11	2.70E-11	1.23E-11	1.20E-11	0.00E+00	0.00E+00	5.55E-12	1.01E-12	6.41E-12	9.89E-13	9.26E-13	1.49E-11
3184	478363.09	3846877.25	5.02E-08	4.96E-08	4.81E-08	1.74E-11	5.25E-11	3.04E-11	3.00E-11	2.72E-11	1.24E-11	1.20E-11	0.00E+00	0.00E+00	5.59E-12	1.02E-12	6.46E-12	9.96E-13	9.33E-13	1.50E-11
3185	478863.09	3846877.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	0.00E+00	0.00E+00	5.43E-12	9.89E-13	6.28E-12	9.68E-13	9.06E-13	1.46E-11
3186	479363.09	3846877.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	0.00E+00	0.00E+00	4.93E-12	8.97E-13	5.69E-12	8.78E-13	8.22E-13	1.32E-11
3187	479863.09	3846877.25	3.80E-08	3.75E-08	3.64E-08	1.32E-11	3.97E-11	2.30E-11	2.27E-11	2.06E-11	9.39E-12	9.11E-12	0.00E+00	0.00E+00	4.23E-12	7.70E-13	4.89E-12	7.54E-13	7.06E-13	1.13E-11
3188	480363.09	3846877.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	0.00E+00	0.00E+00	3.78E-12	6.88E-13	4.37E-12	6.74E-13	6.31E-13	1.01E-11
3189	480863.09	3846877.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	0.00E+00	0.00E+00	3.40E-12	6.20E-13	3.93E-12	6.07E-13	5.68E-13	9.13E-12
3190	481363.09	3846877.25	3.15E-08	3.11E-08	3.02E-08	1.09E-11	3.29E-11	1.91E-11	1.88E-11	1.70E-11	7.78E-12	7.55E-12	0.00E+00	0.00E+00	3.51E-12	6.38E-13	4.05E-12	6.25E-13	5.85E-13	9.40E-12
3191	481863.09	3846877.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	0.00E+00	0.00E+00	3.40E-12	6.20E-13	3.93E-12	6.07E-13	5.68E-13	9.13E-12
3192	482363.09	3846877.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	0.00E+00	0.00E+00	2.87E-12	5.22E-13	3.31E-12	5.11E-13	4.79E-13	7.69E-12
3193	482863.09	3846877.25	2.42E-08	2.39E-08	2.32E-08	8.38E-12	2.53E-11	1.46E-11	1.45E-11	1.31E-11	5.98E-12	5.81E-12	0.00E+00	0.00E+00	2.69E-12	4.91E-13	3.11E-12	4.80E-13	4.50E-13	7.23E-12
3194	483363.09	3846877.25	2.24E-08	2.21E-08	2.15E-08	7.75E-12	2.34E-11	1.35E-11	1.34E-11	1.21E-11	5.53E-12	5.37E-12	0.00E+00	0.00E+00	2.49E-12	4.54E-13	2.88E-12	4.44E-13	4.16E-13	6.68E-12
3195	483863.09	3846877.25	2.10E-08	2.07E-08	2.01E-08	7.25E-12	2.19E-11	1.27E-11	1.25E-11	1.13E-11	5.18E-12	5.03E-12	0.00E+00	0.00E+00	2.33E-12	4.25E-13	2.69E-12	4.16E-13	3.89E-13	6.26E-12
3196	484363.09	3846877.25	2.11E-08	2.08E-08	2.02E-08	7.30E-12	2.20E-11	1.28E-11	1.26E-11	1.14E-11	5.21E-12	5.06E-12	0.00E+00	0.00E+00	2.35E-12	4.27E-13	2.71E-12	4.18E-13	3.92E-13	6.30E-12
3197	484863.09	3846877.25	2.06E-08	2.03E-08	1.97E-08	7.12E-12	2.15E-11	1.24E-11	1.23E-11	1.11E-11	5.08E-12	4.93E-12	0.00E+00	0.00E+00	2.29E-12	4.17E-13	2.64E-12	4.08E-13	3.82E-13	6.14E-12
3198	485363.09	3846877.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	0.00E+00	0.00E+00	2.27E-12	4.14E-13	2.63E-12	4.05E-13	3.79E-13	6.10E-12
3199	485863.09	3846877.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	0.00E+00	0.00E+00	2.13E-12	3.88E-13	2.46E-12	3.79E-13	3.55E-13	5.71E-12
3200	486363.09	3846877.25	1.98E-08	1.95E-08	1.90E-08	6.85E-12	2.07E-11	1.20E-11	1.18E-11	1.07E-11	4.89E-12	4.74E-12	0.00E+00	0.00E+00	2.20E-12	4.01E-13	2.54E-12	3.92E-13	3.67E-13	5.91E-12
3201	486863.09	3846877.25	1.76E-08	1.73E-08	1.68E-08	6.08E-12	1.84E-11	1.06E-11	1.05E-11	9.51E-12	4.34E-12	4.21E-12	0.00E+00	0.00E+00	1.96E-12	3.56E-13	2.26E-12	3.48E-13	3.26E-13	5.25E-12
3202	487363.09	3846877.25	1.80E-08	1.77E-08	1.72E-08	6.22E-12	1.88E-11	1.09E-11	1.07E-11	9.72E-12	4.44E-12	4.31E-12	0.00E+00	0.00E+00	2.00E-12	3.64E-13	2.31E-12	3.56E-13	3.34E-13	5.36E-12
3203	487863.09	3846877.25	1.77E-08	1.75E-08	1.70E-08	6.13E-12	1.85E-11	1.07E-11	1.06E-11	9.58E-12	4.37E-12	4.25E-12	0.00E+00	0.00E+00	1.97E-12	3.59E-13	2.28E-12	3.51E-13	3.29E-13	5.28E-12
3204	488363.09	3846877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	0.00E+00	0.00E+00	1.84E-12	3.35E-13	2.13E-12	3.28E-13	3.07E-13	4.94E-12
3205	488863.09	3846877.25	1.63E-08	1.61E-08	1.56E-08	5.63E-12	1.70E-11	9.84E-12	9.71E-12	8.81E-12	4.02E-12	3.90E-12	0.00E+00	0.00E+00	1.81E-12	3.30E-13	2.09E-12	3.23E-13	3.02E-13	4.86E-12
3206	489363.09	3846877.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	0.00E+00	0.00E+00	1.78E-12	3.24E-13	2.06E-12	3.17E-13	2.97E-13	4.78E-12
3207	489863.09	3846877.25	1.55E-08	1.53E-08	1.48E-08	5.36E-12	1.62E-11	9.37E-12	9.25E-12	8.38E-12	3.83E-12	3.71E-12	0.00E+00	0.00E+00	1.72E-12	3.14E-13	1.99E-12	3.07E-13	2.88E-13	4.62E-12
3208	490363.09	3846877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	0.00E+00	0.00E+00	1.52E-12	2.77E-13	1.76E-12	2.71E-13	2.54E-13	4.08E-12
3209	490863.09	3846877.25	1.29E-08	1.27E-08	1.23E-08	4.46E-12	1.35E-11	7.80E-12	7.69E-12	6.97E-12	3.18E-12	3.09E-12	0.00E+00	0.00E+00	1.43E-12	2.61E-13	1.66E-12	2.56E-13	2.39E-13	3.85E-12
3210	491363.09	3846877.25	1.22E-08	1.21E-08	1.17E-08	4.23E-12	1.28E-11	7.40E-12	7.31E-12	6.62E-12	3.02E-12	2.93E-12	0.00E+00	0.00E+00	1.36E-12	2.48E-13	1.57E-12	2.43E-13	2.27E-13	3.65E-12
3211	491863.09	3846877.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	0.00E+00	0.00E+00	1.29E-12	2.35E-13	1.49E-12	2.30E-13	2.15E-13	3.46E-12
3212	492363.09	3846877.25	1.28E-08	1.26E-08	1.22E-08	4.41E-12	1.33E-11	7.72E-12	7.62E-12	6.90E-12	3.15E-12	3.06E-12	0.00E+00	0.00E+00	1.42E-12	2.59E-13	1.64E-12	2.53E-13	2.37E-13	3.81E-12
3213	492863.09	3846877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	0.00E+00	0.00E+00	1.45E-12	2.64E-13	1.67E-12	2.58E-13	2.42E-13	3.89E-12
3214	493363.09	3846877.25	1.33E-08	1.31E-08	1.27E-08	4.59E-12	1.39E-11	8.03E-12	7.93E-12	7.19E-12	3.28E-12	3.18E-12	0.00E+00	0.00E+00	1.48E-12	2.69E-13	1.71E-12	2.63E-13	2.47E-13	3.96E-12
3215	493863.09	3846877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	0.00E+00	0.00E+00	1.45E-12	2.64E-13	1.67E-12	2.58E-13	2.42E-13	3.89E-12
3216	494363.09	3846877.25	1.34E-08	1.32E-08	1.28E-08	4.64E-12	1.40E-11	8.11E-12	8.00E-12	7.26E-12	3.31E-12	3.22E-12	0.00E+00	0.00E+00	1.49E-12	2.72E-13	1.72E-12	2.66E-13	2.49E-13	4.00E-12
3217	494863.09	3846877.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	0.00E+00	0.00E+00	1.51E-12	2.74E-13	1.74E-12	2.68E-13	2.51E-13	4.04E-12
3218	495363.09	3846877.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	0.00E+00	0.00E+00	1.51E-12	2.74E-13	1.74E-12	2.68E-13	2.51E-13	4.04E-12
3219	495863.09	3846877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	0.00E+00	0.00E+00	1.52E-12	2.77E-13	1.76E-12	2.71E-13	2.54E-13	4.08E-12
3220	496363.09	3846877.25	1.33E-08	1.31E-08	1.27E-08	4.59E-12	1.39E-11	8.03E-12	7.93E-12	7.19E-12	3.28E-12	3.18E-12	0.00E+00	0.00E+00	1.48E-12	2.69E-13	1.71E-12	2.63E-13	2.47E-13	3.96E-12
3221	496863.09	3846877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	0.00E+00	0.00E+00	1.61E-12	2.93E-13	1.86E-12	2.87E-13	2.68E-13	4.31E-12
3222	497363.09	3846877.25	1.57E-08	1.55E-08	1.51E-08	5.45E-12	1.65E-11	9.53E-12	9.40E-12	8.52E-12	3.89E-12	3.78E-12	0.00E+00	0.00E+00	1.75E-12	3.19E-13	2.03E-12	3.12E-13	2.92E-13	4.70E-12
3223	497863.09	3846877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	0.00E+00	0.00E+00	1.80E-12	3.27E-13	2.08E-12	3.20E-13	3.00E-13	4.82E-12
3224	498363.09	3846877.25	1.72E-08	1.70E-08	1.65E-08	5.95E-12	1.80E-11	1.04E-11	1.03E-11	9.30E-12	4.24E-12	4.12E-12	0.00E+00	0.00E+00	1.91E-12	3.48E-13	2.21E-12	3.41E-13	3.19E-13	5.13E-12
3225	471363.09	3847377.25	5.26E-08	5.19E-08	5.04E-08	1.82E-11	5.50E-11	3.18E-11	3.14E-11	2.85E-11	1.30E-11	1.26E-11	0.00E+00	0.00E+00	5.85E-12	1.07E-12	6.76E-12	1.04E-12	9.76E-13	1.57E-11
3226	471863.09	3847377.25	5.34E-08	5.27E-08	5.11E-08	1.85E-11	5.58E-11	3.23E-11	3.19E-11	2.89E-11	1.32E-11	1.28E-11	0.00E+00	0.00E+00	5.94E-12	1.08E-12	6.86E-12	1.06E-12	9.91E-13	1.59E-11

3227	472363.09	3847377.25	5.44E-08	5.37E-08	5.21E-08	1.88E-11	5.69E-11	3.29E-11	3.25E-11	2.94E-11	1.34E-11	1.30E-11	0.00E+00	0.00E+00	6.06E-12	1.10E-12	7.00E-12	1.08E-12	1.01E-12	1.62E-11
3228	472863.09	3847377.25	5.37E-08	5.30E-08	5.15E-08	1.86E-11	5.62E-11	3.25E-11	3.21E-11	2.91E-11	1.33E-11	1.29E-11	0.00E+00	0.00E+00	5.98E-12	1.09E-12	6.91E-12	1.07E-12	9.98E-13	1.60E-11
3229	473363.09	3847377.25	4.63E-08	4.57E-08	4.44E-08	1.60E-11	4.84E-11	2.80E-11	2.77E-11	2.51E-11	1.14E-11	1.11E-11	0.00E+00	0.00E+00	5.16E-12	9.39E-13	5.96E-12	9.19E-13	8.60E-13	1.38E-11
3230	473863.09	3847377.25	4.59E-08	4.53E-08	4.40E-08	1.59E-11	4.80E-11	2.78E-11	2.74E-11	2.49E-11	1.13E-11	1.10E-11	0.00E+00	0.00E+00	5.11E-12	9.31E-13	5.91E-12	9.11E-13	8.53E-13	1.37E-11
3231	474363.09	3847377.25	4.85E-08	4.79E-08	4.65E-08	1.68E-11	5.07E-11	2.94E-11	2.90E-11	2.63E-11	1.20E-11	1.16E-11	0.00E+00	0.00E+00	5.40E-12	9.84E-13	6.24E-12	9.63E-13	9.02E-13	1.45E-11
3232	474863.09	3847377.25	4.68E-08	4.62E-08	4.49E-08	1.62E-11	4.90E-11	2.83E-11	2.80E-11	2.54E-11	1.16E-11	1.12E-11	0.00E+00	0.00E+00	5.21E-12	9.50E-13	6.03E-12	9.29E-13	8.70E-13	1.40E-11
3233	475363.09	3847377.25	4.50E-08	4.44E-08	4.32E-08	1.56E-11	4.71E-11	2.72E-11	2.69E-11	2.44E-11	1.11E-11	1.08E-11	0.00E+00	0.00E+00	5.01E-12	9.13E-13	5.79E-12	8.93E-13	8.36E-13	1.34E-11
3234	475863.09	3847377.25	4.85E-08	4.79E-08	4.65E-08	1.68E-11	5.07E-11	2.94E-11	2.90E-11	2.63E-11	1.20E-11	1.16E-11	0.00E+00	0.00E+00	5.40E-12	9.84E-13	6.24E-12	9.63E-13	9.02E-13	1.45E-11
3235	476363.09	3847377.25	5.28E-08	5.21E-08	5.06E-08	1.83E-11	5.52E-11	3.20E-11	3.16E-11	2.86E-11	1.31E-11	1.27E-11	0.00E+00	0.00E+00	5.88E-12	1.07E-12	6.80E-12	1.05E-12	9.81E-13	1.58E-11
3236	476863.09	3847377.25	5.31E-08	5.24E-08	5.09E-08	1.84E-11	5.55E-11	3.21E-11	3.17E-11	2.87E-11	1.31E-11	1.27E-11	0.00E+00	0.00E+00	5.91E-12	1.08E-12	6.83E-12	1.05E-12	9.86E-13	1.59E-11
3237	477363.09	3847377.25	5.71E-08	5.64E-08	5.48E-08	1.98E-11	5.97E-11	3.46E-11	3.41E-11	3.09E-11	1.41E-11	1.37E-11	0.00E+00	0.00E+00	6.36E-12	1.16E-12	7.35E-12	1.13E-12	1.06E-12	1.71E-11
3238	477863.09	3847377.25	5.67E-08	5.60E-08	5.44E-08	1.96E-11	5.93E-11	3.43E-11	3.39E-11	3.07E-11	1.40E-11	1.36E-11	0.00E+00	0.00E+00	6.32E-12	1.15E-12	7.30E-12	1.13E-12	1.05E-12	1.69E-11
3239	478363.09	3847377.25	5.56E-08	5.48E-08	5.33E-08	1.92E-11	5.81E-11	3.36E-11	3.32E-11	3.01E-11	1.37E-11	1.33E-11	0.00E+00	0.00E+00	6.19E-12	1.13E-12	7.15E-12	1.10E-12	1.03E-12	1.66E-11
3240	478863.09	3847377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	0.00E+00	0.00E+00	6.37E-12	1.16E-12	7.36E-12	1.14E-12	1.06E-12	1.71E-11
3241	479363.09	3847377.25	4.74E-08	4.68E-08	4.54E-08	1.64E-11	4.95E-11	2.87E-11	2.83E-11	2.56E-11	1.17E-11	1.14E-11	0.00E+00	0.00E+00	5.27E-12	9.60E-13	6.09E-12	9.40E-13	8.80E-13	1.41E-11
3242	479863.09	3847377.25	3.64E-08	3.60E-08	3.49E-08	1.26E-11	3.81E-11	2.20E-11	2.18E-11	1.97E-11	9.00E-12	8.74E-12	0.00E+00	0.00E+00	4.06E-12	7.39E-13	4.69E-12	7.23E-13	6.77E-13	1.09E-11
3243	480363.09	3847377.25	2.73E-08	2.70E-08	2.62E-08	9.46E-12	2.86E-11	1.65E-11	1.63E-11	1.48E-11	6.75E-12	6.56E-12	0.00E+00	0.00E+00	3.04E-12	5.54E-13	3.52E-12	5.42E-13	5.08E-13	8.16E-12
3244	480863.09	3847377.25	2.43E-08	2.40E-08	2.33E-08	8.42E-12	2.54E-11	1.47E-11	1.45E-11	1.32E-11	6.01E-12	5.84E-12	0.00E+00	0.00E+00	2.71E-12	4.93E-13	3.13E-12	4.83E-13	4.52E-13	7.27E-12
3245	481363.09	3847377.25	2.62E-08	2.58E-08	2.51E-08	9.05E-12	2.73E-11	1.58E-11	1.56E-11	1.42E-11	6.46E-12	6.27E-12	0.00E+00	0.00E+00	2.91E-12	5.30E-13	3.36E-12	5.19E-13	4.86E-13	7.81E-12
3246	481863.09	3847377.25	3.28E-08	3.24E-08	3.14E-08	1.14E-11	3.43E-11	1.98E-11	1.96E-11	1.78E-11	8.10E-12	7.87E-12	0.00E+00	0.00E+00	3.65E-12	6.65E-13	4.22E-12	6.50E-13	6.09E-13	9.79E-12
3247	482363.09	3847377.25	3.15E-08	3.11E-08	3.02E-08	1.09E-11	3.29E-11	1.91E-11	1.88E-11	1.70E-11	7.78E-12	7.55E-12	0.00E+00	0.00E+00	3.51E-12	6.38E-13	4.05E-12	6.25E-13	5.85E-13	9.40E-12
3248	482863.09	3847377.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	0.00E+00	0.00E+00	3.22E-12	5.86E-13	3.72E-12	5.73E-13	5.37E-13	8.63E-12
3249	483363.09	3847377.25	2.59E-08	2.56E-08	2.48E-08	8.96E-12	2.71E-11	1.57E-11	1.55E-11	1.40E-11	6.40E-12	6.21E-12	0.00E+00	0.00E+00	2.88E-12	5.25E-13	3.33E-12	5.14E-13	4.81E-13	7.73E-12
3250	483863.09	3847377.25	2.42E-08	2.39E-08	2.32E-08	8.38E-12	2.53E-11	1.46E-11	1.45E-11	1.31E-11	5.98E-12	5.81E-12	0.00E+00	0.00E+00	2.69E-12	4.91E-13	3.11E-12	4.80E-13	4.50E-13	7.23E-12
3251	484363.09	3847377.25	2.46E-08	2.43E-08	2.36E-08	8.51E-12	2.57E-11	1.49E-11	1.47E-11	1.33E-11	6.08E-12	5.90E-12	0.00E+00	0.00E+00	2.74E-12	4.99E-13	3.16E-12	4.88E-13	4.57E-13	7.34E-12
3252	484863.09	3847377.25	2.38E-08	2.35E-08	2.28E-08	8.24E-12	2.49E-11	1.44E-11	1.42E-11	1.29E-11	5.88E-12	5.71E-12	0.00E+00	0.00E+00	2.65E-12	4.83E-13	3.06E-12	4.72E-13	4.42E-13	7.11E-12
3253	485363.09	3847377.25	2.36E-08	2.32E-08	2.26E-08	8.15E-12	2.46E-11	1.43E-11	1.41E-11	1.28E-11	5.82E-12	5.65E-12	0.00E+00	0.00E+00	2.62E-12	4.77E-13	3.03E-12	4.67E-13	4.37E-13	7.03E-12
3254	485863.09	3847377.25	2.32E-08	2.29E-08	2.22E-08	8.02E-12	2.42E-11	1.40E-11	1.38E-11	1.25E-11	5.72E-12	5.56E-12	0.00E+00	0.00E+00	2.58E-12	4.70E-13	2.98E-12	4.59E-13	4.30E-13	6.92E-12
3255	486363.09	3847377.25	2.30E-08	2.27E-08	2.21E-08	7.97E-12	2.41E-11	1.39E-11	1.38E-11	1.25E-11	5.69E-12	5.52E-12	0.00E+00	0.00E+00	2.56E-12	4.67E-13	2.96E-12	4.57E-13	4.28E-13	6.88E-12
3256	486863.09	3847377.25	2.10E-08	2.07E-08	2.01E-08	7.25E-12	2.19E-11	1.27E-11	1.25E-11	1.13E-11	5.18E-12	5.03E-12	0.00E+00	0.00E+00	2.33E-12	4.25E-13	2.69E-12	4.16E-13	3.89E-13	6.26E-12
3257	487363.09	3847377.25	2.12E-08	2.09E-08	2.03E-08	7.34E-12	2.22E-11	1.28E-11	1.27E-11	1.15E-11	5.24E-12	5.09E-12	0.00E+00	0.00E+00	2.36E-12	4.30E-13	2.73E-12	4.21E-13	3.94E-13	6.33E-12
3258	487863.09	3847377.25	1.97E-08	1.94E-08	1.88E-08	6.80E-12	2.05E-11	1.19E-11	1.17E-11	1.06E-11	4.85E-12	4.71E-12	0.00E+00	0.00E+00	2.19E-12	3.98E-13	2.53E-12	3.90E-13	3.65E-13	5.87E-12
3259	488363.09	3847377.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	0.00E+00	0.00E+00	2.06E-12	3.75E-13	2.38E-12	3.67E-13	3.43E-13	5.52E-12
3260	488863.09	3847377.25	1.81E-08	1.79E-08	1.73E-08	6.26E-12	1.89E-11	1.09E-11	1.08E-11	9.79E-12	4.47E-12	4.34E-12	0.00E+00	0.00E+00	2.01E-12	3.67E-13	2.33E-12	3.59E-13	3.36E-13	5.40E-12
3261	489363.09	3847377.25	1.78E-08	1.76E-08	1.71E-08	6.17E-12	1.86E-11	1.08E-11	1.06E-11	9.65E-12	4.40E-12	4.28E-12	0.00E+00	0.00E+00	1.98E-12	3.61E-13	2.29E-12	3.54E-13	3.31E-13	5.32E-12
3262	489863.09	3847377.25	1.67E-08	1.64E-08	1.60E-08	5.77E-12	1.74E-11	1.01E-11	9.95E-12	9.02E-12	4.11E-12	4.00E-12	0.00E+00	0.00E+00	1.85E-12	3.38E-13	2.14E-12	3.30E-13	3.09E-13	4.97E-12
3263	490363.09	3847377.25	1.54E-08	1.52E-08	1.47E-08	5.32E-12	1.61E-11	9.29E-12	9.17E-12	8.31E-12	3.79E-12	3.68E-12	0.00E+00	0.00E+00	1.71E-12	3.11E-13	1.98E-12	3.05E-13	2.85E-13	4.59E-12
3264	490863.09	3847377.25	1.48E-08	1.46E-08	1.42E-08	5.14E-12	1.55E-11	8.98E-12	8.86E-12	8.03E-12	3.66E-12	3.56E-12	0.00E+00	0.00E+00	1.65E-12	3.01E-13	1.91E-12	2.94E-13	2.76E-13	4.43E-12
3265	491363.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	0.00E+00	0.00E+00	1.54E-12	2.80E-13	1.77E-12	2.74E-13	2.56E-13	4.12E-12
3266	491863.09	3847377.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	0.00E+00	0.00E+00	1.61E-12	2.93E-13	1.86E-12	2.87E-13	2.68E-13	4.31E-12
3267	492363.09	3847377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	0.00E+00	0.00E+00	1.58E-12	2.88E-13	1.82E-12	2.81E-13	2.63E-13	4.24E-12
3268	492863.09	3847377.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	0.00E+00	0.00E+00	1.62E-12	2.95E-13	1.87E-12	2.89E-13	2.71E-13	4.35E-12
3269	493363.09	3847377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	0.00E+00	0.00E+00	1.58E-12	2.88E-13	1.82E-12	2.81E-13	2.63E-13	4.24E-12
3270	493863.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	0.00E+00	0.00E+00	1.54E-12	2.80E-13	1.77E-12	2.74E-13	2.56E-13	4.12E-12
3271	494363.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	0.00E+00	0.00E+00	1.54E-12	2.80E-13	1.77E-12	2.74E-13	2.56E-13	4.12E-12
3272	494863.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	0.00E+00	0.00E+00	1.54E-12	2.80E-13	1.77E-12	2.74E-13	2.56E-13	4.12E-12
3273	495363.09	3847377.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	0.00E+00	0.00E+00	1.52E-12	2.77E-13	1.76E-12	2.71E-13	2.54E-13	4.08E-12
3274	495863.09	3847377.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	0.00E+00	0.00E+00	1.51E-12	2.74E-13	1.74E-12	2.68E-13	2.51E-13	4.04E-12
3275	496363.09	3847377.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	0.00E+00	0.00E+00	1.52E-12	2.77E-13	1.76E-12	2.71E-13	2.54E-13	4.08E-12
3276	496863.09	3847377.25	1.51E-08	1.49E-08	1.45E-08	5.23E-12	1.58E-11	9.13E-12	9.01E-12	8.17E-12	3.73E-12	3.62E-12	0.00E+00	0.00E+00	1.68E-12	3.06E-13	1.94E-12	2.99E-13	2.80E-13	4.51E-12
3277	497363.09	3847377.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	0.00E+00	0.00E+00	1.78E-12	3.24E-13	2.06E-12	3.17E-13	2.97E-13	4.78E-12
3278	497863.09	3847377.25	1.78E-08	1.76E-08	1.71E-08	6.17E-12	1.86E-11	1.08E-11	1.06E-11	9.65E-12	4.40E-12	4.28E-12	0.00E+00	0.00E+00	1.98E-12	3.61E-13	2.29E-12	3.54E-13	3.31E-13	5.32E-12
3279	498363.09	3847377.25	1.94E-08	1.91E-08	1.86E-08	6.71E-12	2.03E-11	1.17E-11	1.16E-11	1.05E-11	4.79E-12	4.65E-12	0.00E+00	0.00E+00	2.16E-12	3.93E-13	2.49E-12	3.85E-13	3.60E-13	5.79E-12

3280	471363.09	3847877.25	5.44E-08	5.37E-08	5.21E-08	1.88E-11	5.69E-11	3.29E-11	3.25E-11	2.94E-11	1.34E-11	1.30E-11	0.00E+00	0.00E+00	6.06E-12	1.10E-12	7.00E-12	1.08E-12	1.01E-12	1.62E-11
3281	471863.09	3847877.25	5.63E-08	5.56E-08	5.40E-08	1.95E-11	5.89E-11	3.41E-11	3.36E-11	3.05E-11	1.39E-11	1.35E-11	0.00E+00	0.00E+00	6.27E-12	1.14E-12	7.25E-12	1.12E-12	1.05E-12	1.68E-11
3282	472363.09	3847877.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	0.00E+00	0.00E+00	6.37E-12	1.16E-12	7.36E-12	1.14E-12	1.06E-12	1.71E-11
3283	472863.09	3847877.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.45E-12	1.17E-12	7.45E-12	1.15E-12	1.08E-12	1.73E-11
3284	473363.09	3847877.25	5.95E-08	5.87E-08	5.70E-08	2.06E-11	6.22E-11	3.60E-11	3.55E-11	3.22E-11	1.47E-11	1.43E-11	0.00E+00	0.00E+00	6.62E-12	1.21E-12	7.65E-12	1.18E-12	1.10E-12	1.78E-11
3285	473863.09	3847877.25	5.80E-08	5.73E-08	5.56E-08	2.01E-11	6.07E-11	3.51E-11	3.47E-11	3.14E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.46E-12	1.18E-12	7.47E-12	1.15E-12	1.08E-12	1.73E-11
3286	474363.09	3847877.25	5.11E-08	5.05E-08	4.90E-08	1.77E-11	5.35E-11	3.09E-11	3.05E-11	2.77E-11	1.26E-11	1.23E-11	0.00E+00	0.00E+00	5.69E-12	1.04E-12	6.58E-12	1.01E-12	9.50E-13	1.53E-11
3287	474863.09	3847877.25	5.37E-08	5.30E-08	5.15E-08	1.86E-11	5.62E-11	3.25E-11	3.21E-11	2.91E-11	1.33E-11	1.29E-11	0.00E+00	0.00E+00	5.98E-12	1.09E-12	6.91E-12	1.07E-12	9.98E-13	1.60E-11
3288	475363.09	3847877.25	5.15E-08	5.09E-08	4.94E-08	1.78E-11	5.39E-11	3.12E-11	3.08E-11	2.79E-11	1.27E-11	1.24E-11	0.00E+00	0.00E+00	5.74E-12	1.04E-12	6.63E-12	1.02E-12	9.57E-13	1.54E-11
3289	475863.09	3847877.25	4.91E-08	4.84E-08	4.70E-08	1.70E-11	5.13E-11	2.97E-11	2.93E-11	2.66E-11	1.21E-11	1.18E-11	0.00E+00	0.00E+00	5.46E-12	9.94E-13	6.31E-12	9.73E-13	9.11E-13	1.47E-11
3290	476363.09	3847877.25	5.54E-08	5.47E-08	5.31E-08	1.92E-11	5.79E-11	3.35E-11	3.31E-11	3.00E-11	1.37E-11	1.33E-11	0.00E+00	0.00E+00	6.17E-12	1.12E-12	7.13E-12	1.10E-12	1.03E-12	1.66E-11
3291	476863.09	3847877.25	5.75E-08	5.68E-08	5.51E-08	1.99E-11	6.01E-11	3.48E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	0.00E+00	0.00E+00	6.40E-12	1.17E-12	7.40E-12	1.14E-12	1.07E-12	1.72E-11
3292	477363.09	3847877.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	0.00E+00	0.00E+00	6.58E-12	1.20E-12	7.60E-12	1.17E-12	1.10E-12	1.76E-11
3293	477863.09	3847877.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	0.00E+00	0.00E+00	7.00E-12	1.27E-12	8.08E-12	1.25E-12	1.17E-12	1.88E-11
3294	478363.09	3847877.25	6.27E-08	6.19E-08	6.01E-08	2.17E-11	6.56E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.50E-11	0.00E+00	0.00E+00	6.98E-12	1.27E-12	8.07E-12	1.24E-12	1.16E-12	1.87E-11
3295	478863.09	3847877.25	6.12E-08	6.04E-08	5.86E-08	2.12E-11	6.39E-11	3.70E-11	3.65E-11	3.31E-11	1.51E-11	1.47E-11	0.00E+00	0.00E+00	6.81E-12	1.24E-12	7.87E-12	1.21E-12	1.14E-12	1.83E-11
3296	479363.09	3847877.25	4.96E-08	4.89E-08	4.75E-08	1.72E-11	5.18E-11	3.00E-11	2.96E-11	2.68E-11	1.22E-11	1.19E-11	0.00E+00	0.00E+00	5.52E-12	1.01E-12	6.38E-12	9.83E-13	9.21E-13	1.48E-11
3297	479863.09	3847877.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	0.00E+00	0.00E+00	3.46E-12	6.30E-13	4.00E-12	6.17E-13	5.78E-13	9.29E-12
3298	480363.09	3847877.25	3.21E-08	3.17E-08	3.08E-08	1.11E-11	3.36E-11	1.94E-11	1.92E-11	1.74E-11	7.94E-12	7.71E-12	0.00E+00	0.00E+00	3.58E-12	6.52E-13	4.13E-12	6.38E-13	5.97E-13	9.60E-12
3299	480863.09	3847877.25	2.88E-08	2.84E-08	2.76E-08	9.96E-12	3.01E-11	1.74E-11	1.72E-11	1.56E-11	7.10E-12	6.90E-12	0.00E+00	0.00E+00	3.20E-12	5.83E-13	3.70E-12	5.70E-13	5.34E-13	8.59E-12
3300	481363.09	3847877.25	2.86E-08	2.83E-08	2.74E-08	9.91E-12	2.99E-11	1.73E-11	1.71E-11	1.55E-11	7.07E-12	6.87E-12	0.00E+00	0.00E+00	3.19E-12	5.80E-13	3.68E-12	5.68E-13	5.32E-13	8.55E-12
3301	481863.09	3847877.25	3.75E-08	3.70E-08	3.59E-08	1.30E-11	3.92E-11	2.27E-11	2.24E-11	2.03E-11	9.26E-12	8.99E-12	0.00E+00	0.00E+00	4.17E-12	7.60E-13	4.82E-12	7.43E-13	6.96E-13	1.12E-11
3302	482363.09	3847877.25	3.60E-08	3.56E-08	3.45E-08	1.25E-11	3.77E-11	2.18E-11	2.15E-11	1.95E-11	8.90E-12	8.65E-12	0.00E+00	0.00E+00	4.01E-12	7.31E-13	4.64E-12	7.15E-13	6.70E-13	1.08E-11
3303	482863.09	3847877.25	3.29E-08	3.25E-08	3.16E-08	1.14E-11	3.44E-11	1.99E-11	1.97E-11	1.78E-11	8.13E-12	7.90E-12	0.00E+00	0.00E+00	3.66E-12	6.67E-13	4.23E-12	6.53E-13	6.12E-13	9.83E-12
3304	483363.09	3847877.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	0.00E+00	0.00E+00	3.40E-12	6.20E-13	3.93E-12	6.07E-13	5.68E-13	9.13E-12
3305	483863.09	3847877.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	0.00E+00	0.00E+00	3.22E-12	5.86E-13	3.72E-12	5.73E-13	5.37E-13	8.63E-12
3306	484363.09	3847877.25	2.86E-08	2.83E-08	2.74E-08	9.91E-12	2.99E-11	1.73E-11	1.71E-11	1.55E-11	7.07E-12	6.87E-12	0.00E+00	0.00E+00	3.19E-12	5.80E-13	3.68E-12	5.68E-13	5.32E-13	8.55E-12
3307	484863.09	3847877.25	2.76E-08	2.72E-08	2.64E-08	9.55E-12	2.88E-11	1.67E-11	1.65E-11	1.49E-11	6.81E-12	6.62E-12	0.00E+00	0.00E+00	3.07E-12	5.59E-13	3.55E-12	5.47E-13	5.12E-13	8.24E-12
3308	485363.09	3847877.25	2.82E-08	2.79E-08	2.71E-08	9.78E-12	2.95E-11	1.71E-11	1.69E-11	1.53E-11	6.98E-12	6.77E-12	0.00E+00	0.00E+00	3.14E-12	5.72E-13	3.63E-12	5.60E-13	5.24E-13	8.43E-12
3309	485863.09	3847877.25	2.84E-08	2.80E-08	2.72E-08	9.82E-12	2.97E-11	1.72E-11	1.69E-11	1.54E-11	7.01E-12	6.80E-12	0.00E+00	0.00E+00	3.16E-12	5.75E-13	3.65E-12	5.63E-13	5.27E-13	8.47E-12
3310	486363.09	3847877.25	2.54E-08	2.50E-08	2.43E-08	8.78E-12	2.65E-11	1.54E-11	1.52E-11	1.37E-11	6.27E-12	6.09E-12	0.00E+00	0.00E+00	2.82E-12	5.14E-13	3.26E-12	5.03E-13	4.71E-13	7.58E-12
3311	486863.09	3847877.25	2.43E-08	2.40E-08	2.33E-08	8.42E-12	2.54E-11	1.47E-11	1.45E-11	1.32E-11	6.01E-12	5.84E-12	0.00E+00	0.00E+00	2.71E-12	4.93E-13	3.13E-12	4.83E-13	4.52E-13	7.27E-12
3312	487363.09	3847877.25	2.37E-08	2.34E-08	2.27E-08	8.20E-12	2.48E-11	1.43E-11	1.41E-11	1.28E-11	5.85E-12	5.68E-12	0.00E+00	0.00E+00	2.64E-12	4.80E-13	3.05E-12	4.70E-13	4.40E-13	7.07E-12
3313	487863.09	3847877.25	2.21E-08	2.18E-08	2.12E-08	7.66E-12	2.31E-11	1.34E-11	1.32E-11	1.20E-11	5.46E-12	5.31E-12	0.00E+00	0.00E+00	2.46E-12	4.48E-13	2.85E-12	4.39E-13	4.11E-13	6.61E-12
3314	488363.09	3847877.25	2.06E-08	2.03E-08	1.97E-08	7.12E-12	2.15E-11	1.24E-11	1.23E-11	1.11E-11	5.08E-12	4.93E-12	0.00E+00	0.00E+00	2.29E-12	4.17E-13	2.64E-12	4.08E-13	3.82E-13	6.14E-12
3315	488863.09	3847877.25	2.03E-08	2.00E-08	1.95E-08	7.03E-12	2.12E-11	1.23E-11	1.21E-11	1.10E-11	5.01E-12	4.87E-12	0.00E+00	0.00E+00	2.26E-12	4.11E-13	2.61E-12	4.03E-13	3.77E-13	6.06E-12
3316	489363.09	3847877.25	2.00E-08	1.98E-08	1.92E-08	6.94E-12	2.09E-11	1.21E-11	1.20E-11	1.08E-11	4.95E-12	4.81E-12	0.00E+00	0.00E+00	2.23E-12	4.06E-13	2.58E-12	3.98E-13	3.72E-13	5.98E-12
3317	489863.09	3847877.25	2.03E-08	2.00E-08	1.95E-08	7.03E-12	2.12E-11	1.23E-11	1.21E-11	1.10E-11	5.01E-12	4.87E-12	0.00E+00	0.00E+00	2.26E-12	4.11E-13	2.61E-12	4.03E-13	3.77E-13	6.06E-12
3318	490363.09	3847877.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	0.00E+00	0.00E+00	2.13E-12	3.88E-13	2.46E-12	3.79E-13	3.55E-13	5.71E-12
3319	490863.09	3847877.25	1.81E-08	1.79E-08	1.73E-08	6.26E-12	1.89E-11	1.09E-11	1.08E-11	9.79E-12	4.47E-12	4.34E-12	0.00E+00	0.00E+00	2.01E-12	3.67E-13	2.33E-12	3.59E-13	3.36E-13	5.40E-12
3320	491363.09	3847877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	0.00E+00	0.00E+00	1.80E-12	3.27E-13	2.08E-12	3.20E-13	3.00E-13	4.82E-12
3321	491863.09	3847877.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	0.00E+00	0.00E+00	1.78E-12	3.24E-13	2.06E-12	3.17E-13	2.97E-13	4.78E-12
3322	492363.09	3847877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	0.00E+00	0.00E+00	1.80E-12	3.27E-13	2.08E-12	3.20E-13	3.00E-13	4.82E-12
3323	492863.09	3847877.25	1.59E-08	1.57E-08	1.52E-08	5.50E-12	1.66E-11	9.61E-12	9.48E-12	8.59E-12	3.92E-12	3.81E-12	0.00E+00	0.00E+00	1.77E-12	3.22E-13	2.04E-12	3.15E-13	2.95E-13	4.74E-12
3324	493363.09	3847877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	0.00E+00	0.00E+00	1.61E-12	2.93E-13	1.86E-12	2.87E-13	2.68E-13	4.31E-12
3325	493863.09	3847877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	0.00E+00	0.00E+00	1.55E-12	2.82E-13	1.79E-12	2.76E-13	2.59E-13	4.16E-12
3326	494363.09	3847877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	0.00E+00	0.00E+00	1.55E-12	2.82E-13	1.79E-12	2.76E-13	2.59E-13	4.16E-12
3327	494863.09	3847877.25	1.41E-08	1.39E-08	1.35E-08	4.87E-12	1.47E-11	8.50E-12	8.39E-12	7.61E-12	3.47E-12	3.37E-12	0.00E+00	0.00E+00	1.56E-12	2.85E-13	1.81E-12	2.79E-13	2.61E-13	4.20E-12
3328	495363.09	3847877.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	0.00E+00	0.00E+00	1.54E-12	2.80E-13	1.77E-12	2.74E-13	2.56E-13	4.12E-12
3329	495863.09	3847877.25	1.25E-08	1.23E-08	1.20E-08	4.32E-12	1.31E-11	7.56E-12	7.46E-12	6.76E-12	3.09E-12	3.00E-12	0.00E+00	0.00E+00	1.39E-12	2.53E-13	1.61E-12	2.48E-13	2.32E-13	3.73E-12
3330	496363.09	3847877.25	1.43E-08	1.41E-08	1.37E-08	4.96E-12	1.50E-11	8.66E-12	8.55E-12	7.75E-12	3.54E-12	3.43E-12	0.00E+00	0.00E+00	1.59E-12	2.90E-13	1.84E-12	2.84E-13	2.66E-13	4.27E-12
3331	496863.09	3847877.25	1.54E-08	1.52E-08	1.47E-08	5.32E-12	1.61E-11	9.29E-12	9.17E-12	8.31E-12	3.79E-12	3.68E-12	0.00E+00	0.00E+00	1.71E-12	3.11E-13	1.98E-12	3.05E-13	2.85E-13	4.59E-12
3332	497363.09	3847877.25	1.64E-08	1.62E-08	1.57E-08	5.68E-12	1.71E-11	9.92E-12	9.79E-12	8.88E-12	4.05E-12	3.93E-12	0.00E+00	0.00E+00	1.83E-12	3.32E-13	2.11E-12	3.25E-13	3.05E-13	4.90E-12

3333	497863.09	3847877.25	1.99E-08	1.97E-08	1.91E-08	6.89E-12	2.08E-11	1.20E-11	1.19E-11	1.08E-11	4.92E-12	4.78E-12	0.00E+00	0.00E+00	2.22E-12	4.04E-13	2.56E-12	3.95E-13	3.70E-13	5.95E-12
3334	498363.09	3847877.25	2.17E-08	2.14E-08	2.08E-08	7.52E-12	2.27E-11	1.31E-11	1.30E-11	1.18E-11	5.37E-12	5.21E-12	0.00E+00	0.00E+00	2.42E-12	4.41E-13	2.80E-12	4.31E-13	4.04E-13	6.49E-12
3335	471363.09	3848377.25	5.57E-08	5.50E-08	5.34E-08	1.93E-11	5.82E-11	3.37E-11	3.33E-11	3.02E-11	1.38E-11	1.34E-11	0.00E+00	0.00E+00	6.20E-12	1.13E-12	7.16E-12	1.10E-12	1.03E-12	1.66E-11
3336	471863.09	3848377.25	5.74E-08	5.66E-08	5.50E-08	1.99E-11	6.00E-11	3.47E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	0.00E+00	0.00E+00	6.39E-12	1.16E-12	7.38E-12	1.14E-12	1.07E-12	1.71E-11
3337	472363.09	3848377.25	5.92E-08	5.84E-08	5.67E-08	2.05E-11	6.19E-11	3.58E-11	3.54E-11	3.21E-11	1.46E-11	1.42E-11	0.00E+00	0.00E+00	6.59E-12	1.20E-12	7.62E-12	1.17E-12	1.10E-12	1.77E-11
3338	472863.09	3848377.25	6.10E-08	6.02E-08	5.85E-08	2.11E-11	6.38E-11	3.69E-11	3.64E-11	3.30E-11	1.51E-11	1.46E-11	0.00E+00	0.00E+00	6.79E-12	1.24E-12	7.85E-12	1.21E-12	1.13E-12	1.82E-11
3339	473363.09	3848377.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	0.00E+00	0.00E+00	6.88E-12	1.25E-12	7.95E-12	1.23E-12	1.15E-12	1.85E-11
3340	473863.09	3848377.25	6.31E-08	6.23E-08	6.05E-08	2.18E-11	6.60E-11	3.82E-11	3.77E-11	3.42E-11	1.56E-11	1.51E-11	0.00E+00	0.00E+00	7.03E-12	1.28E-12	8.12E-12	1.25E-12	1.17E-12	1.88E-11
3341	474363.09	3848377.25	6.30E-08	6.22E-08	6.04E-08	2.18E-11	6.58E-11	3.81E-11	3.76E-11	3.41E-11	1.56E-11	1.51E-11	0.00E+00	0.00E+00	7.01E-12	1.28E-12	8.10E-12	1.25E-12	1.17E-12	1.88E-11
3342	474863.09	3848377.25	5.76E-08	5.69E-08	5.53E-08	2.00E-11	6.03E-11	3.49E-11	3.44E-11	3.12E-11	1.42E-11	1.38E-11	0.00E+00	0.00E+00	6.42E-12	1.17E-12	7.41E-12	1.14E-12	1.07E-12	1.72E-11
3343	475363.09	3848377.25	6.12E-08	6.04E-08	5.86E-08	2.12E-11	6.39E-11	3.70E-11	3.65E-11	3.31E-11	1.51E-11	1.47E-11	0.00E+00	0.00E+00	6.81E-12	1.24E-12	7.87E-12	1.21E-12	1.14E-12	1.83E-11
3344	475863.09	3848377.25	5.80E-08	5.73E-08	5.56E-08	2.01E-11	6.07E-11	3.51E-11	3.47E-11	3.14E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.46E-12	1.18E-12	7.47E-12	1.15E-12	1.08E-12	1.73E-11
3345	476363.09	3848377.25	5.43E-08	5.36E-08	5.20E-08	1.88E-11	5.67E-11	3.28E-11	3.24E-11	2.94E-11	1.34E-11	1.30E-11	0.00E+00	0.00E+00	6.04E-12	1.10E-12	6.98E-12	1.08E-12	1.01E-12	1.62E-11
3346	476863.09	3848377.25	6.21E-08	6.13E-08	5.95E-08	2.15E-11	6.49E-11	3.76E-11	3.71E-11	3.36E-11	1.53E-11	1.49E-11	0.00E+00	0.00E+00	6.91E-12	1.26E-12	7.98E-12	1.23E-12	1.15E-12	1.85E-11
3347	477363.09	3848377.25	6.23E-08	6.15E-08	5.97E-08	2.16E-11	6.52E-11	3.77E-11	3.72E-11	3.37E-11	1.54E-11	1.50E-11	0.00E+00	0.00E+00	6.94E-12	1.26E-12	8.02E-12	1.24E-12	1.16E-12	1.86E-11
3348	477863.09	3848377.25	6.44E-08	6.36E-08	6.17E-08	2.23E-11	6.73E-11	3.90E-11	3.85E-11	3.49E-11	1.59E-11	1.55E-11	0.00E+00	0.00E+00	7.17E-12	1.31E-12	8.29E-12	1.28E-12	1.20E-12	1.92E-11
3349	478363.09	3848377.25	6.81E-08	6.72E-08	6.52E-08	2.36E-11	7.11E-11	4.12E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.58E-12	1.38E-12	8.75E-12	1.35E-12	1.26E-12	2.03E-11
3350	478863.09	3848377.25	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	0.00E+00	0.00E+00	7.33E-12	1.33E-12	8.47E-12	1.31E-12	1.22E-12	1.97E-11
3351	479363.09	3848377.25	5.40E-08	5.33E-08	5.18E-08	1.87E-11	5.64E-11	3.27E-11	3.23E-11	2.92E-11	1.33E-11	1.30E-11	0.00E+00	0.00E+00	6.01E-12	1.09E-12	6.95E-12	1.07E-12	1.00E-12	1.61E-11
3352	479863.09	3848377.25	2.30E-08	2.27E-08	2.21E-08	7.97E-12	2.41E-11	1.39E-11	1.38E-11	1.25E-11	5.69E-12	5.52E-12	0.00E+00	0.00E+00	2.56E-12	4.67E-13	2.96E-12	4.57E-13	4.28E-13	6.88E-12
3353	480363.09	3848377.25	3.21E-08	3.17E-08	3.08E-08	1.11E-11	3.36E-11	1.94E-11	1.92E-11	1.74E-11	7.94E-12	7.71E-12	0.00E+00	0.00E+00	3.58E-12	6.52E-13	4.13E-12	6.38E-13	5.97E-13	9.60E-12
3354	480863.09	3848377.25	4.22E-08	4.16E-08	4.04E-08	1.46E-11	4.41E-11	2.55E-11	2.52E-11	2.28E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.69E-12	8.55E-13	5.42E-12	8.36E-13	7.83E-13	1.26E-11
3355	481363.09	3848377.25	4.29E-08	4.24E-08	4.12E-08	1.49E-11	4.49E-11	2.60E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.78E-12	8.70E-13	5.52E-12	8.52E-13	7.98E-13	1.28E-11
3356	481863.09	3848377.25	4.31E-08	4.25E-08	4.13E-08	1.49E-11	4.50E-11	2.61E-11	2.57E-11	2.33E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.79E-12	8.73E-13	5.54E-12	8.54E-13	8.00E-13	1.29E-11
3357	482363.09	3848377.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	0.00E+00	0.00E+00	4.77E-12	8.68E-13	5.51E-12	8.49E-13	7.95E-13	1.28E-11
3358	482863.09	3848377.25	3.85E-08	3.80E-08	3.69E-08	1.33E-11	4.03E-11	2.33E-11	2.30E-11	2.09E-11	9.51E-12	9.24E-12	0.00E+00	0.00E+00	4.29E-12	7.81E-13	4.95E-12	7.64E-13	7.15E-13	1.15E-11
3359	483363.09	3848377.25	3.76E-08	3.71E-08	3.60E-08	1.30E-11	3.93E-11	2.28E-11	2.25E-11	2.04E-11	9.29E-12	9.02E-12	0.00E+00	0.00E+00	4.19E-12	7.62E-13	4.84E-12	7.46E-13	6.99E-13	1.12E-11
3360	483863.09	3848377.25	3.36E-08	3.31E-08	3.22E-08	1.16E-11	3.51E-11	2.03E-11	2.00E-11	1.82E-11	8.29E-12	8.05E-12	0.00E+00	0.00E+00	3.74E-12	6.81E-13	4.32E-12	6.66E-13	6.24E-13	1.00E-11
3361	484363.09	3848377.25	3.20E-08	3.16E-08	3.07E-08	1.11E-11	3.35E-11	1.94E-11	1.91E-11	1.73E-11	7.91E-12	7.68E-12	0.00E+00	0.00E+00	3.56E-12	6.49E-13	4.12E-12	6.35E-13	5.95E-13	9.56E-12
3362	484863.09	3848377.25	3.36E-08	3.31E-08	3.22E-08	1.16E-11	3.51E-11	2.03E-11	2.00E-11	1.82E-11	8.29E-12	8.05E-12	0.00E+00	0.00E+00	3.74E-12	6.81E-13	4.32E-12	6.66E-13	6.24E-13	1.00E-11
3363	485363.09	3848377.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	0.00E+00	0.00E+00	3.64E-12	6.62E-13	4.20E-12	6.48E-13	6.07E-13	9.75E-12
3364	485863.09	3848377.25	3.28E-08	3.24E-08	3.14E-08	1.14E-11	3.43E-11	1.98E-11	1.96E-11	1.78E-11	8.10E-12	7.87E-12	0.00E+00	0.00E+00	3.65E-12	6.65E-13	4.22E-12	6.50E-13	6.09E-13	9.79E-12
3365	486363.09	3848377.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	0.00E+00	0.00E+00	3.33E-12	6.07E-13	3.85E-12	5.94E-13	5.56E-13	8.94E-12
3366	486863.09	3848377.25	2.80E-08	2.76E-08	2.68E-08	9.69E-12	2.92E-11	1.69E-11	1.67E-11	1.51E-11	6.91E-12	6.71E-12	0.00E+00	0.00E+00	3.11E-12	5.67E-13	3.60E-12	5.55E-13	5.20E-13	8.35E-12
3367	487363.09	3848377.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	0.00E+00	0.00E+00	2.87E-12	5.22E-13	3.31E-12	5.11E-13	4.79E-13	7.69E-12
3368	487863.09	3848377.25	2.51E-08	2.48E-08	2.41E-08	8.69E-12	2.63E-11	1.52E-11	1.50E-11	1.36E-11	6.20E-12	6.02E-12	0.00E+00	0.00E+00	2.80E-12	5.09E-13	3.23E-12	4.98E-13	4.66E-13	7.50E-12
3369	488363.09	3848377.25	2.33E-08	2.30E-08	2.23E-08	8.06E-12	2.43E-11	1.41E-11	1.39E-11	1.26E-11	5.75E-12	5.59E-12	0.00E+00	0.00E+00	2.59E-12	4.72E-13	3.00E-12	4.62E-13	4.33E-13	6.96E-12
3370	488863.09	3848377.25	2.29E-08	2.26E-08	2.20E-08	7.93E-12	2.39E-11	1.39E-11	1.37E-11	1.24E-11	5.66E-12	5.49E-12	0.00E+00	0.00E+00	2.55E-12	4.64E-13	2.95E-12	4.54E-13	4.25E-13	6.84E-12
3371	489363.09	3848377.25	2.29E-08	2.26E-08	2.20E-08	7.93E-12	2.39E-11	1.39E-11	1.37E-11	1.24E-11	5.66E-12	5.49E-12	0.00E+00	0.00E+00	2.55E-12	4.64E-13	2.95E-12	4.54E-13	4.25E-13	6.84E-12
3372	489863.09	3848377.25	2.29E-08	2.26E-08	2.20E-08	7.93E-12	2.39E-11	1.39E-11	1.37E-11	1.24E-11	5.66E-12	5.49E-12	0.00E+00	0.00E+00	2.55E-12	4.64E-13	2.95E-12	4.54E-13	4.25E-13	6.84E-12
3373	490363.09	3848377.25	2.15E-08	2.12E-08	2.06E-08	7.43E-12	2.24E-11	1.30E-11	1.28E-11	1.16E-11	5.30E-12	5.15E-12	0.00E+00	0.00E+00	2.39E-12	4.35E-13	2.76E-12	4.26E-13	3.99E-13	6.41E-12
3374	490863.09	3848377.25	2.00E-08	1.98E-08	1.92E-08	6.94E-12	2.09E-11	1.21E-11	1.20E-11	1.08E-11	4.95E-12	4.81E-12	0.00E+00	0.00E+00	2.23E-12	4.06E-13	2.58E-12	3.98E-13	3.72E-13	5.98E-12
3375	491363.09	3848377.25	1.82E-08	1.80E-08	1.75E-08	6.31E-12	1.90E-11	1.10E-11	1.09E-11	9.86E-12	4.50E-12	4.37E-12	0.00E+00	0.00E+00	2.03E-12	3.69E-13	2.34E-12	3.61E-13	3.38E-13	5.44E-12
3376	491863.09	3848377.25	1.78E-08	1.76E-08	1.71E-08	6.17E-12	1.86E-11	1.08E-11	1.06E-11	9.65E-12	4.40E-12	4.28E-12	0.00E+00	0.00E+00	1.98E-12	3.61E-13	2.29E-12	3.54E-13	3.31E-13	5.32E-12
3377	492363.09	3848377.25	1.69E-08	1.67E-08	1.62E-08	5.86E-12	1.77E-11	1.02E-11	1.01E-11	9.16E-12	4.18E-12	4.06E-12	0.00E+00	0.00E+00	1.88E-12	3.43E-13	2.18E-12	3.36E-13	3.14E-13	5.05E-12
3378	492863.09	3848377.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	0.00E+00	0.00E+00	1.74E-12	3.17E-13	2.01E-12	3.10E-13	2.90E-13	4.66E-12
3379	493363.09	3848377.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	0.00E+00	0.00E+00	1.62E-12	2.95E-13	1.87E-12	2.89E-13	2.71E-13	4.35E-12
3380	493863.09	3848377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	0.00E+00	0.00E+00	1.58E-12	2.88E-13	1.82E-12	2.81E-13	2.63E-13	4.24E-12
3381	494363.09	3848377.25	1.41E-08	1.39E-08	1.35E-08	4.87E-12	1.47E-11	8.50E-12	8.39E-12	7.61E-12	3.47E-12	3.37E-12	0.00E+00	0.00E+00	1.56E-12	2.85E-13	1.81E-12	2.79E-13	2.61E-13	4.20E-12
3382	494863.09	3848377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	0.00E+00	0.00E+00	1.58E-12	2.88E-13	1.82E-12	2.81E-13	2.63E-13	4.24E-12
3383	495363.09	3848377.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	0.00E+00	0.00E+00	1.51E-12	2.74E-13	1.74E-12	2.68E-13	2.51E-13	4.04E-12
3384	495863.09	3848377.25	1.34E-08	1.32E-08	1.28E-08	4.64E-12	1.40E-11	8.11E-12	8.00E-12	7.26E-12	3.31E-12	3.22E-12	0.00E+00	0.00E+00	1.49E-12	2.72E-13	1.72E-12	2.66E-13	2.49E-13	4.00E-12
3385	496363.09	3848377.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	0.00E+00	0.00E+00	1.64E-12	2.98E-13	1.89E-12	2.92E-13	2.73E-13	4.39E-12

3386	496863.09	3848377.25	1.50E-08	1.48E-08	1.43E-08	5.18E-12	1.56E-11	9.06E-12	8.94E-12	8.10E-12	3.70E-12	3.59E-12	0.00E+00	0.00E+00	1.67E-12	3.03E-13	1.92E-12	2.97E-13	2.78E-13	4.47E-12
3387	497363.09	3848377.25	1.69E-08	1.67E-08	1.62E-08	5.86E-12	1.77E-11	1.02E-11	1.01E-11	9.16E-12	4.18E-12	4.06E-12	0.00E+00	0.00E+00	1.88E-12	3.43E-13	2.18E-12	3.36E-13	3.14E-13	5.05E-12
3388	497863.09	3848377.25	2.24E-08	2.21E-08	2.15E-08	7.75E-12	2.34E-11	1.35E-11	1.34E-11	1.21E-11	5.53E-12	5.37E-12	0.00E+00	0.00E+00	2.49E-12	4.54E-13	2.88E-12	4.44E-13	4.16E-13	6.68E-12
3389	498363.09	3848377.25	2.41E-08	2.38E-08	2.31E-08	8.33E-12	2.52E-11	1.46E-11	1.44E-11	1.30E-11	5.95E-12	5.77E-12	0.00E+00	0.00E+00	2.68E-12	4.88E-13	3.10E-12	4.78E-13	4.47E-13	7.19E-12
3390	471363.09	3848877.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.45E-12	1.17E-12	7.45E-12	1.15E-12	1.08E-12	1.73E-11
3391	471863.09	3848877.25	5.95E-08	5.87E-08	5.70E-08	2.06E-11	6.22E-11	3.60E-11	3.55E-11	3.22E-11	1.47E-11	1.43E-11	0.00E+00	0.00E+00	6.62E-12	1.21E-12	7.65E-12	1.18E-12	1.10E-12	1.78E-11
3392	472363.09	3848877.25	6.08E-08	6.00E-08	5.82E-08	2.10E-11	6.35E-11	3.68E-11	3.63E-11	3.29E-11	1.50E-11	1.46E-11	0.00E+00	0.00E+00	6.76E-12	1.23E-12	7.82E-12	1.21E-12	1.13E-12	1.81E-11
3393	472863.09	3848877.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	0.00E+00	0.00E+00	7.00E-12	1.27E-12	8.08E-12	1.25E-12	1.17E-12	1.88E-11
3394	473363.09	3848877.25	6.55E-08	6.46E-08	6.27E-08	2.27E-11	6.84E-11	3.96E-11	3.91E-11	3.54E-11	1.62E-11	1.57E-11	0.00E+00	0.00E+00	7.29E-12	1.33E-12	8.42E-12	1.30E-12	1.22E-12	1.95E-11
3395	473863.09	3848877.25	6.68E-08	6.59E-08	6.40E-08	2.31E-11	6.98E-11	4.04E-11	3.99E-11	3.61E-11	1.65E-11	1.60E-11	0.00E+00	0.00E+00	7.43E-12	1.35E-12	8.59E-12	1.32E-12	1.24E-12	1.99E-11
3396	474363.09	3848877.25	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	0.00E+00	0.00E+00	7.59E-12	1.38E-12	8.77E-12	1.35E-12	1.27E-12	2.04E-11
3397	474863.09	3848877.25	6.66E-08	6.58E-08	6.39E-08	2.31E-11	6.96E-11	4.03E-11	3.98E-11	3.61E-11	1.65E-11	1.60E-11	0.00E+00	0.00E+00	7.42E-12	1.35E-12	8.57E-12	1.32E-12	1.24E-12	1.99E-11
3398	475363.09	3848877.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	0.00E+00	0.00E+00	7.36E-12	1.34E-12	8.50E-12	1.31E-12	1.23E-12	1.97E-11
3399	475863.09	3848877.25	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.56E-12	1.38E-12	8.74E-12	1.35E-12	1.26E-12	2.03E-11
3400	476363.09	3848877.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	0.00E+00	0.00E+00	7.36E-12	1.34E-12	8.50E-12	1.31E-12	1.23E-12	1.97E-11
3401	476863.09	3848877.25	6.35E-08	6.27E-08	6.09E-08	2.20E-11	6.64E-11	3.84E-11	3.79E-11	3.44E-11	1.57E-11	1.52E-11	0.00E+00	0.00E+00	7.07E-12	1.29E-12	8.17E-12	1.26E-12	1.18E-12	1.90E-11
3402	477363.09	3848877.25	6.96E-08	6.87E-08	6.67E-08	2.41E-11	7.28E-11	4.21E-11	4.16E-11	3.77E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.75E-12	1.41E-12	8.95E-12	1.38E-12	1.29E-12	2.08E-11
3403	477863.09	3848877.25	6.94E-08	6.85E-08	6.65E-08	2.40E-11	7.25E-11	4.20E-11	4.14E-11	3.75E-11	1.71E-11	1.66E-11	0.00E+00	0.00E+00	7.72E-12	1.41E-12	8.92E-12	1.38E-12	1.29E-12	2.07E-11
3404	478363.09	3848877.25	7.17E-08	7.08E-08	6.87E-08	2.48E-11	7.49E-11	4.34E-11	4.28E-11	3.88E-11	1.77E-11	1.72E-11	0.00E+00	0.00E+00	7.98E-12	1.45E-12	9.22E-12	1.42E-12	1.33E-12	2.14E-11
3405	478863.09	3848877.25	7.38E-08	7.28E-08	7.07E-08	2.55E-11	7.71E-11	4.46E-11	4.41E-11	3.99E-11	1.82E-11	1.77E-11	0.00E+00	0.00E+00	8.21E-12	1.50E-12	9.49E-12	1.46E-12	1.37E-12	2.20E-11
3406	479363.09	3848877.25	6.85E-08	6.76E-08	6.56E-08	2.37E-11	7.15E-11	4.14E-11	4.09E-11	3.71E-11	1.69E-11	1.64E-11	0.00E+00	0.00E+00	7.62E-12	1.39E-12	8.80E-12	1.36E-12	1.27E-12	2.04E-11
3407	479863.09	3848877.25	5.90E-08	5.82E-08	5.65E-08	2.04E-11	6.16E-11	3.57E-11	3.52E-11	3.19E-11	1.46E-11	1.41E-11	0.00E+00	0.00E+00	6.56E-12	1.19E-12	7.58E-12	1.17E-12	1.09E-12	1.76E-11
3408	480363.09	3848877.25	6.09E-08	6.01E-08	5.84E-08	2.11E-11	6.37E-11	3.69E-11	3.64E-11	3.30E-11	1.50E-11	1.46E-11	0.00E+00	0.00E+00	6.78E-12	1.23E-12	7.83E-12	1.21E-12	1.13E-12	1.82E-11
3409	480863.09	3848877.25	5.87E-08	5.79E-08	5.62E-08	2.03E-11	6.13E-11	3.55E-11	3.50E-11	3.18E-11	1.45E-11	1.41E-11	0.00E+00	0.00E+00	6.53E-12	1.19E-12	7.55E-12	1.16E-12	1.09E-12	1.75E-11
3410	481363.09	3848877.25	5.56E-08	5.48E-08	5.33E-08	1.92E-11	5.81E-11	3.36E-11	3.32E-11	3.01E-11	1.37E-11	1.33E-11	0.00E+00	0.00E+00	6.19E-12	1.13E-12	7.15E-12	1.10E-12	1.03E-12	1.66E-11
3411	481863.09	3848877.25	5.04E-08	4.97E-08	4.83E-08	1.74E-11	5.26E-11	3.05E-11	3.01E-11	2.73E-11	1.24E-11	1.21E-11	0.00E+00	0.00E+00	5.61E-12	1.02E-12	6.48E-12	9.99E-13	9.35E-13	1.50E-11
3412	482363.09	3848877.25	4.10E-08	4.05E-08	3.93E-08	1.42E-11	4.28E-11	2.48E-11	2.45E-11	2.22E-11	1.01E-11	9.83E-12	0.00E+00	0.00E+00	4.56E-12	8.31E-13	5.27E-12	8.13E-13	7.61E-13	1.22E-11
3413	482863.09	3848877.25	3.54E-08	3.49E-08	3.39E-08	1.23E-11	3.70E-11	2.14E-11	2.11E-11	1.92E-11	8.74E-12	8.49E-12	0.00E+00	0.00E+00	3.94E-12	7.17E-13	4.55E-12	7.02E-13	6.57E-13	1.06E-11
3414	483363.09	3848877.25	3.16E-08	3.12E-08	3.03E-08	1.09E-11	3.31E-11	1.91E-11	1.89E-11	1.71E-11	7.81E-12	7.59E-12	0.00E+00	0.00E+00	3.52E-12	6.41E-13	4.07E-12	6.27E-13	5.87E-13	9.44E-12
3415	483863.09	3848877.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	0.00E+00	0.00E+00	3.46E-12	6.30E-13	4.00E-12	6.17E-13	5.78E-13	9.29E-12
3416	484363.09	3848877.25	3.63E-08	3.58E-08	3.48E-08	1.26E-11	3.79E-11	2.20E-11	2.17E-11	1.97E-11	8.97E-12	8.71E-12	0.00E+00	0.00E+00	4.04E-12	7.36E-13	4.67E-12	7.20E-13	6.74E-13	1.08E-11
3417	484863.09	3848877.25	4.09E-08	4.03E-08	3.92E-08	1.41E-11	4.27E-11	2.47E-11	2.44E-11	2.21E-11	1.01E-11	9.80E-12	0.00E+00	0.00E+00	4.55E-12	8.28E-13	5.26E-12	8.10E-13	7.59E-13	1.22E-11
3418	485363.09	3848877.25	3.88E-08	3.83E-08	3.72E-08	1.34E-11	4.05E-11	2.35E-11	2.32E-11	2.10E-11	9.58E-12	9.30E-12	0.00E+00	0.00E+00	4.32E-12	7.86E-13	4.99E-12	7.69E-13	7.20E-13	1.16E-11
3419	485863.09	3848877.25	3.76E-08	3.71E-08	3.60E-08	1.30E-11	3.93E-11	2.28E-11	2.25E-11	2.04E-11	9.29E-12	9.02E-12	0.00E+00	0.00E+00	4.19E-12	7.62E-13	4.84E-12	7.46E-13	6.99E-13	1.12E-11
3420	486363.09	3848877.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	0.00E+00	0.00E+00	3.78E-12	6.88E-13	4.37E-12	6.74E-13	6.31E-13	1.01E-11
3421	486863.09	3848877.25	3.01E-08	2.97E-08	2.88E-08	1.04E-11	3.14E-11	1.82E-11	1.80E-11	1.63E-11	7.43E-12	7.21E-12	0.00E+00	0.00E+00	3.35E-12	6.09E-13	3.87E-12	5.96E-13	5.58E-13	8.98E-12
3422	487363.09	3848877.25	3.03E-08	2.99E-08	2.91E-08	1.05E-11	3.17E-11	1.83E-11	1.81E-11	1.64E-11	7.49E-12	7.27E-12	0.00E+00	0.00E+00	3.38E-12	6.15E-13	3.90E-12	6.01E-13	5.63E-13	9.05E-12
3423	487863.09	3848877.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	0.00E+00	0.00E+00	3.22E-12	5.86E-13	3.72E-12	5.73E-13	5.37E-13	8.63E-12
3424	488363.09	3848877.25	2.69E-08	2.66E-08	2.58E-08	9.32E-12	2.82E-11	1.63E-11	1.61E-11	1.46E-11	6.65E-12	6.46E-12	0.00E+00	0.00E+00	3.00E-12	5.46E-13	3.46E-12	5.34E-13	5.00E-13	8.04E-12
3425	488863.09	3848877.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	0.00E+00	0.00E+00	2.87E-12	5.22E-13	3.31E-12	5.11E-13	4.79E-13	7.69E-12
3426	489363.09	3848877.25	2.62E-08	2.58E-08	2.51E-08	9.05E-12	2.73E-11	1.58E-11	1.56E-11	1.42E-11	6.46E-12	6.27E-12	0.00E+00	0.00E+00	2.91E-12	5.30E-13	3.36E-12	5.19E-13	4.86E-13	7.81E-12
3427	489863.09	3848877.25	2.55E-08	2.52E-08	2.44E-08	8.83E-12	2.67E-11	1.54E-11	1.52E-11	1.38E-11	6.30E-12	6.12E-12	0.00E+00	0.00E+00	2.84E-12	5.17E-13	3.28E-12	5.06E-13	4.74E-13	7.62E-12
3428	490363.09	3848877.25	2.32E-08	2.29E-08	2.22E-08	8.02E-12	2.42E-11	1.40E-11	1.38E-11	1.25E-11	5.72E-12	5.56E-12	0.00E+00	0.00E+00	2.58E-12	4.70E-13	2.98E-12	4.59E-13	4.30E-13	6.92E-12
3429	490863.09	3848877.25	2.16E-08	2.13E-08	2.07E-08	7.48E-12	2.26E-11	1.31E-11	1.29E-11	1.17E-11	5.34E-12	5.18E-12	0.00E+00	0.00E+00	2.40E-12	4.38E-13	2.78E-12	4.28E-13	4.01E-13	6.45E-12
3430	491363.09	3848877.25	1.99E-08	1.97E-08	1.91E-08	6.89E-12	2.08E-11	1.20E-11	1.19E-11	1.08E-11	4.92E-12	4.78E-12	0.00E+00	0.00E+00	2.22E-12	4.04E-13	2.56E-12	3.95E-13	3.70E-13	5.95E-12
3431	491863.09	3848877.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	0.00E+00	0.00E+00	2.07E-12	3.77E-13	2.39E-12	3.69E-13	3.46E-13	5.56E-12
3432	492363.09	3848877.25	1.73E-08	1.71E-08	1.66E-08	5.99E-12	1.81E-11	1.05E-11	1.03E-11	9.37E-12	4.28E-12	4.15E-12	0.00E+00	0.00E+00	1.93E-12	3.51E-13	2.23E-12	3.43E-13	3.21E-13	5.17E-12
3433	492863.09	3848877.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	0.00E+00	0.00E+00	1.74E-12	3.17E-13	2.01E-12	3.10E-13	2.90E-13	4.66E-12
3434	493363.09	3848877.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	0.00E+00	0.00E+00	1.58E-12	2.88E-13	1.82E-12	2.81E-13	2.63E-13	4.24E-12
3435	493863.09	3848877.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	0.00E+00	0.00E+00	1.58E-12	2.88E-13	1.82E-12	2.81E-13	2.63E-13	4.24E-12
3436	494363.09	3848877.25	1.43E-08	1.41E-08	1.37E-08	4.96E-12	1.50E-11	8.66E-12	8.55E-12	7.75E-12	3.54E-12	3.43E-12	0.00E+00	0.00E+00	1.59E-12	2.90E-13	1.84E-12	2.84E-13	2.66E-13	4.27E-12
3437	494863.09	3848877.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	0.00E+00	0.00E+00	1.64E-12	2.98E-13	1.89E-12	2.92E-13	2.73E-13	4.39E-12
3438	495363.09	3848877.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	0.00E+00	0.00E+00	1.62E-12	2.95E-13	1.87E-12	2.89E-13	2.71E-13	4.35E-12

3439	495863.09	3848877.25	1.43E-08	1.41E-08	1.37E-08	4.96E-12	1.50E-11	8.66E-12	8.55E-12	7.75E-12	3.54E-12	3.43E-12	0.00E+00	0.00E+00	1.59E-12	2.90E-13	1.84E-12	2.84E-13	2.66E-13	4.27E-12
3440	496363.09	3848877.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	0.00E+00	0.00E+00	1.69E-12	3.09E-13	1.96E-12	3.02E-13	2.83E-13	4.55E-12
3441	496863.09	3848877.25	1.68E-08	1.66E-08	1.61E-08	5.81E-12	1.75E-11	1.02E-11	1.00E-11	9.09E-12	4.15E-12	4.03E-12	0.00E+00	0.00E+00	1.87E-12	3.40E-13	2.16E-12	3.33E-13	3.12E-13	5.01E-12
3442	497363.09	3848877.25	2.12E-08	2.09E-08	2.03E-08	7.34E-12	2.22E-11	1.28E-11	1.27E-11	1.15E-11	5.24E-12	5.09E-12	0.00E+00	0.00E+00	2.36E-12	4.30E-13	2.73E-12	4.21E-13	3.94E-13	6.33E-12
3443	497863.09	3848877.25	2.41E-08	2.38E-08	2.31E-08	8.33E-12	2.52E-11	1.46E-11	1.44E-11	1.30E-11	5.95E-12	5.77E-12	0.00E+00	0.00E+00	2.68E-12	4.88E-13	3.10E-12	4.78E-13	4.47E-13	7.19E-12
3444	498363.09	3848877.25	2.77E-08	2.74E-08	2.66E-08	9.60E-12	2.90E-11	1.68E-11	1.66E-11	1.50E-11	6.85E-12	6.65E-12	0.00E+00	0.00E+00	3.09E-12	5.62E-13	3.57E-12	5.50E-13	5.15E-13	8.28E-12
3445	471363.09	3849377.25	5.69E-08	5.61E-08	5.45E-08	1.97E-11	5.94E-11	3.44E-11	3.40E-11	3.08E-11	1.40E-11	1.36E-11	0.00E+00	0.00E+00	6.33E-12	1.15E-12	7.31E-12	1.13E-12	1.06E-12	1.70E-11
3446	471863.09	3849377.25	6.17E-08	6.09E-08	5.91E-08	2.14E-11	6.45E-11	3.73E-11	3.68E-11	3.34E-11	1.52E-11	1.48E-11	0.00E+00	0.00E+00	6.87E-12	1.25E-12	7.93E-12	1.22E-12	1.15E-12	1.84E-11
3447	472363.09	3849377.25	6.40E-08	6.32E-08	6.14E-08	2.22E-11	6.69E-11	3.87E-11	3.82E-11	3.47E-11	1.58E-11	1.54E-11	0.00E+00	0.00E+00	7.13E-12	1.30E-12	8.24E-12	1.27E-12	1.19E-12	1.91E-11
3448	472863.09	3849377.25	6.53E-08	6.45E-08	6.26E-08	2.26E-11	6.83E-11	3.95E-11	3.90E-11	3.54E-11	1.61E-11	1.57E-11	0.00E+00	0.00E+00	7.27E-12	1.32E-12	8.40E-12	1.30E-12	1.21E-12	1.95E-11
3449	473363.09	3849377.25	6.69E-08	6.60E-08	6.41E-08	2.32E-11	6.99E-11	4.05E-11	3.99E-11	3.62E-11	1.65E-11	1.60E-11	0.00E+00	0.00E+00	7.45E-12	1.36E-12	8.60E-12	1.33E-12	1.24E-12	2.00E-11
3450	473863.09	3849377.25	6.95E-08	6.86E-08	6.66E-08	2.41E-11	7.26E-11	4.20E-11	4.15E-11	3.76E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.74E-12	1.41E-12	8.94E-12	1.38E-12	1.29E-12	2.08E-11
3451	474363.09	3849377.25	7.18E-08	7.09E-08	6.88E-08	2.49E-11	7.51E-11	4.35E-11	4.29E-11	3.89E-11	1.77E-11	1.72E-11	0.00E+00	0.00E+00	8.00E-12	1.46E-12	9.24E-12	1.42E-12	1.33E-12	2.15E-11
3452	474863.09	3849377.25	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	0.00E+00	0.00E+00	8.20E-12	1.49E-12	9.47E-12	1.46E-12	1.37E-12	2.20E-11
3453	475363.09	3849377.25	7.46E-08	7.36E-08	7.15E-08	2.58E-11	7.79E-11	4.51E-11	4.45E-11	4.04E-11	1.84E-11	1.79E-11	0.00E+00	0.00E+00	8.30E-12	1.51E-12	9.59E-12	1.48E-12	1.38E-12	2.23E-11
3454	475863.09	3849377.25	7.69E-08	7.59E-08	7.37E-08	2.66E-11	8.04E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	0.00E+00	0.00E+00	8.56E-12	1.56E-12	9.89E-12	1.53E-12	1.43E-12	2.30E-11
3455	476363.09	3849377.25	7.80E-08	7.69E-08	7.47E-08	2.70E-11	8.15E-11	4.72E-11	4.66E-11	4.22E-11	1.93E-11	1.87E-11	0.00E+00	0.00E+00	8.68E-12	1.58E-12	1.00E-11	1.55E-12	1.45E-12	2.33E-11
3456	476863.09	3849377.25	7.70E-08	7.60E-08	7.38E-08	2.67E-11	8.05E-11	4.66E-11	4.60E-11	4.17E-11	1.90E-11	1.85E-11	0.00E+00	0.00E+00	8.58E-12	1.56E-12	9.91E-12	1.53E-12	1.43E-12	2.30E-11
3457	477363.09	3849377.25	7.51E-08	7.41E-08	7.20E-08	2.60E-11	7.85E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	0.00E+00	0.00E+00	8.36E-12	1.52E-12	9.66E-12	1.49E-12	1.39E-12	2.24E-11
3458	477863.09	3849377.25	7.44E-08	7.35E-08	7.13E-08	2.58E-11	7.78E-11	4.50E-11	4.45E-11	4.03E-11	1.84E-11	1.79E-11	0.00E+00	0.00E+00	8.29E-12	1.51E-12	9.57E-12	1.48E-12	1.38E-12	2.22E-11
3459	478363.09	3849377.25	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	0.00E+00	0.00E+00	8.53E-12	1.55E-12	9.86E-12	1.52E-12	1.42E-12	2.29E-11
3460	478863.09	3849377.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	0.00E+00	0.00E+00	8.49E-12	1.55E-12	9.81E-12	1.51E-12	1.42E-12	2.28E-11
3461	479363.09	3849377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
3462	479863.09	3849377.25	7.30E-08	7.21E-08	7.00E-08	2.53E-11	7.63E-11	4.42E-11	4.36E-11	3.95E-11	1.80E-11	1.75E-11	0.00E+00	0.00E+00	8.13E-12	1.48E-12	9.39E-12	1.45E-12	1.36E-12	2.18E-11
3463	480363.09	3849377.25	7.94E-08	7.83E-08	7.61E-08	2.75E-11	8.30E-11	4.80E-11	4.74E-11	4.30E-11	1.96E-11	1.90E-11	0.00E+00	0.00E+00	8.84E-12	1.61E-12	1.02E-11	1.57E-12	1.47E-12	2.37E-11
3464	480863.09	3849377.25	7.59E-08	7.49E-08	7.27E-08	2.63E-11	7.93E-11	4.59E-11	4.53E-11	4.11E-11	1.87E-11	1.82E-11	0.00E+00	0.00E+00	8.45E-12	1.54E-12	9.76E-12	1.50E-12	1.41E-12	2.27E-11
3465	481363.09	3849377.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	0.00E+00	0.00E+00	6.88E-12	1.25E-12	7.95E-12	1.23E-12	1.15E-12	1.85E-11
3466	481863.09	3849377.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.36E-12	9.76E-13	6.19E-12	9.55E-13	8.94E-13	1.44E-11
3467	482363.09	3849377.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.71E-12	8.57E-13	5.44E-12	8.39E-13	7.86E-13	1.26E-11
3468	482863.09	3849377.25	3.38E-08	3.34E-08	3.24E-08	1.17E-11	3.54E-11	2.05E-11	2.02E-11	1.83E-11	8.36E-12	8.12E-12	0.00E+00	0.00E+00	3.77E-12	6.86E-13	4.35E-12	6.71E-13	6.28E-13	1.01E-11
3469	483363.09	3849377.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	0.00E+00	0.00E+00	3.45E-12	6.28E-13	3.98E-12	6.14E-13	5.75E-13	9.25E-12
3470	483863.09	3849377.25	2.67E-08	2.63E-08	2.56E-08	9.23E-12	2.79E-11	1.61E-11	1.59E-11	1.44E-11	6.59E-12	6.40E-12	0.00E+00	0.00E+00	2.97E-12	5.41E-13	3.43E-12	5.29E-13	4.95E-13	7.97E-12
3471	484363.09	3849377.25	4.11E-08	4.06E-08	3.94E-08	1.42E-11	4.30E-11	2.49E-11	2.46E-11	2.23E-11	1.02E-11	9.86E-12	0.00E+00	0.00E+00	4.58E-12	8.34E-13	5.29E-12	8.16E-13	7.64E-13	1.23E-11
3472	484863.09	3849377.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	0.00E+00	0.00E+00	5.43E-12	9.89E-13	6.28E-12	9.68E-13	9.06E-13	1.46E-11
3473	485363.09	3849377.25	4.68E-08	4.62E-08	4.49E-08	1.62E-11	4.90E-11	2.83E-11	2.80E-11	2.54E-11	1.16E-11	1.12E-11	0.00E+00	0.00E+00	5.21E-12	9.50E-13	6.03E-12	9.29E-13	8.70E-13	1.40E-11
3474	485863.09	3849377.25	3.57E-08	3.52E-08	3.42E-08	1.23E-11	3.73E-11	2.16E-11	2.13E-11	1.93E-11	8.81E-12	8.55E-12	0.00E+00	0.00E+00	3.97E-12	7.23E-13	4.59E-12	7.07E-13	6.62E-13	1.06E-11
3475	486363.09	3849377.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	0.00E+00	0.00E+00	3.22E-12	5.86E-13	3.72E-12	5.73E-13	5.37E-13	8.63E-12
3476	486863.09	3849377.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	0.00E+00	0.00E+00	3.78E-12	6.88E-13	4.37E-12	6.74E-13	6.31E-13	1.01E-11
3477	487363.09	3849377.25	3.49E-08	3.44E-08	3.34E-08	1.21E-11	3.65E-11	2.11E-11	2.08E-11	1.89E-11	8.61E-12	8.37E-12	0.00E+00	0.00E+00	3.88E-12	7.07E-13	4.49E-12	6.92E-13	6.48E-13	1.04E-11
3478	487863.09	3849377.25	3.36E-08	3.31E-08	3.22E-08	1.16E-11	3.51E-11	2.03E-11	2.00E-11	1.82E-11	8.29E-12	8.05E-12	0.00E+00	0.00E+00	3.74E-12	6.81E-13	4.32E-12	6.66E-13	6.24E-13	1.00E-11
3479	488363.09	3849377.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	0.00E+00	0.00E+00	3.46E-12	6.30E-13	4.00E-12	6.17E-13	5.78E-13	9.29E-12
3480	488863.09	3849377.25	2.98E-08	2.94E-08	2.86E-08	1.03E-11	3.11E-11	1.80E-11	1.78E-11	1.61E-11	7.36E-12	7.15E-12	0.00E+00	0.00E+00	3.32E-12	6.04E-13	3.83E-12	5.91E-13	5.53E-13	8.90E-12
3481	489363.09	3849377.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	0.00E+00	0.00E+00	3.33E-12	6.07E-13	3.85E-12	5.94E-13	5.56E-13	8.94E-12
3482	489863.09	3849377.25	2.82E-08	2.79E-08	2.71E-08	9.78E-12	2.95E-11	1.71E-11	1.69E-11	1.53E-11	6.98E-12	6.77E-12	0.00E+00	0.00E+00	3.14E-12	5.72E-13	3.63E-12	5.60E-13	5.24E-13	8.43E-12
3483	490363.09	3849377.25	2.54E-08	2.50E-08	2.43E-08	8.78E-12	2.65E-11	1.54E-11	1.52E-11	1.37E-11	6.27E-12	6.09E-12	0.00E+00	0.00E+00	2.82E-12	5.14E-13	3.26E-12	5.03E-13	4.71E-13	7.58E-12
3484	490863.09	3849377.25	2.37E-08	2.34E-08	2.27E-08	8.20E-12	2.48E-11	1.43E-11	1.41E-11	1.28E-11	5.85E-12	5.68E-12	0.00E+00	0.00E+00	2.64E-12	4.80E-13	3.05E-12	4.70E-13	4.40E-13	7.07E-12
3485	491363.09	3849377.25	2.17E-08	2.14E-08	2.08E-08	7.52E-12	2.27E-11	1.31E-11	1.30E-11	1.18E-11	5.37E-12	5.21E-12	0.00E+00	0.00E+00	2.42E-12	4.41E-13	2.80E-12	4.31E-13	4.04E-13	6.49E-12
3486	491863.09	3849377.25	2.03E-08	2.00E-08	1.95E-08	7.03E-12	2.12E-11	1.23E-11	1.21E-11	1.10E-11	5.01E-12	4.87E-12	0.00E+00	0.00E+00	2.26E-12	4.11E-13	2.61E-12	4.03E-13	3.77E-13	6.06E-12
3487	492363.09	3849377.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	0.00E+00	0.00E+00	2.07E-12	3.77E-13	2.39E-12	3.69E-13	3.46E-13	5.56E-12
3488	492863.09	3849377.25	1.63E-08	1.61E-08	1.56E-08	5.63E-12	1.70E-11	9.84E-12	9.71E-12	8.81E-12	4.02E-12	3.90E-12	0.00E+00	0.00E+00	1.81E-12	3.30E-13	2.09E-12	3.23E-13	3.02E-13	4.86E-12
3489	493363.09	3849377.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	0.00E+00	0.00E+00	1.69E-12	3.09E-13	1.96E-12	3.02E-13	2.83E-13	4.55E-12
3490	493863.09	3849377.25	1.51E-08	1.49E-08	1.45E-08	5.23E-12	1.58E-11	9.13E-12	9.01E-12	8.17E-12	3.73E-12	3.62E-12	0.00E+00	0.00E+00	1.68E-12	3.06E-13	1.94E-12	2.99E-13	2.80E-13	4.51E-12
3491	494363.09	3849377.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	0.00E+00	0.00E+00	1.74E-12	3.17E-13	2.01E-12	3.10E-13	2.90E-13	4.66E-12

3492	494863.09	3849377.25	1.68E-08	1.66E-08	1.61E-08	5.81E-12	1.75E-11	1.02E-11	1.00E-11	9.09E-12	4.15E-12	4.03E-12	0.00E+00	0.00E+00	1.87E-12	3.40E-13	2.16E-12	3.33E-13	3.12E-13	5.01E-12
3493	495363.09	3849377.25	1.73E-08	1.71E-08	1.66E-08	5.99E-12	1.81E-11	1.05E-11	1.03E-11	9.37E-12	4.28E-12	4.15E-12	0.00E+00	0.00E+00	1.93E-12	3.51E-13	2.23E-12	3.43E-13	3.21E-13	5.17E-12
3494	495863.09	3849377.25	1.57E-08	1.55E-08	1.51E-08	5.45E-12	1.65E-11	9.53E-12	9.40E-12	8.52E-12	3.89E-12	3.78E-12	0.00E+00	0.00E+00	1.75E-12	3.19E-13	2.03E-12	3.12E-13	2.92E-13	4.70E-12
3495	496363.09	3849377.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	0.00E+00	0.00E+00	1.78E-12	3.24E-13	2.06E-12	3.17E-13	2.97E-13	4.78E-12
3496	496863.09	3849377.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	0.00E+00	0.00E+00	2.27E-12	4.14E-13	2.63E-12	4.05E-13	3.79E-13	6.10E-12
3497	497363.09	3849377.25	2.28E-08	2.25E-08	2.18E-08	7.88E-12	2.38E-11	1.38E-11	1.36E-11	1.23E-11	5.63E-12	5.46E-12	0.00E+00	0.00E+00	2.54E-12	4.62E-13	2.93E-12	4.52E-13	4.23E-13	6.80E-12
3498	497863.09	3849377.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	0.00E+00	0.00E+00	3.46E-12	6.30E-13	4.00E-12	6.17E-13	5.78E-13	9.29E-12
3499	498363.09	3849377.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	0.00E+00	0.00E+00	3.46E-12	6.30E-13	4.00E-12	6.17E-13	5.78E-13	9.29E-12
3500	471363.09	3849877.25	5.10E-08	5.03E-08	4.89E-08	1.77E-11	5.33E-11	3.09E-11	3.05E-11	2.76E-11	1.26E-11	1.22E-11	0.00E+00	0.00E+00	5.68E-12	1.03E-12	6.56E-12	1.01E-12	9.47E-13	1.52E-11
3501	471863.09	3849877.25	5.75E-08	5.68E-08	5.51E-08	1.99E-11	6.01E-11	3.48E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	0.00E+00	0.00E+00	6.40E-12	1.17E-12	7.40E-12	1.14E-12	1.07E-12	1.72E-11
3502	472363.09	3849877.25	6.40E-08	6.32E-08	6.14E-08	2.22E-11	6.69E-11	3.87E-11	3.82E-11	3.47E-11	1.58E-11	1.54E-11	0.00E+00	0.00E+00	7.13E-12	1.30E-12	8.24E-12	1.27E-12	1.19E-12	1.91E-11
3503	472863.09	3849877.25	6.85E-08	6.76E-08	6.56E-08	2.37E-11	7.15E-11	4.14E-11	4.09E-11	3.71E-11	1.69E-11	1.64E-11	0.00E+00	0.00E+00	7.62E-12	1.39E-12	8.80E-12	1.36E-12	1.27E-12	2.04E-11
3504	473363.09	3849877.25	7.03E-08	6.94E-08	6.73E-08	2.43E-11	7.34E-11	4.25E-11	4.20E-11	3.80E-11	1.74E-11	1.69E-11	0.00E+00	0.00E+00	7.82E-12	1.42E-12	9.04E-12	1.39E-12	1.31E-12	2.10E-11
3505	473863.09	3849877.25	7.20E-08	7.10E-08	6.90E-08	2.49E-11	7.52E-11	4.35E-11	4.30E-11	3.90E-11	1.78E-11	1.73E-11	0.00E+00	0.00E+00	8.01E-12	1.46E-12	9.26E-12	1.43E-12	1.34E-12	2.15E-11
3506	474363.09	3849877.25	7.43E-08	7.33E-08	7.12E-08	2.57E-11	7.77E-11	4.50E-11	4.44E-11	4.02E-11	1.84E-11	1.78E-11	0.00E+00	0.00E+00	8.27E-12	1.51E-12	9.56E-12	1.47E-12	1.38E-12	2.22E-11
3507	474863.09	3849877.25	7.72E-08	7.62E-08	7.40E-08	2.67E-11	8.07E-11	4.67E-11	4.61E-11	4.18E-11	1.91E-11	1.85E-11	0.00E+00	0.00E+00	8.59E-12	1.56E-12	9.93E-12	1.53E-12	1.43E-12	2.30E-11
3508	475363.09	3849877.25	7.89E-08	7.78E-08	7.56E-08	2.73E-11	8.24E-11	4.77E-11	4.71E-11	4.27E-11	1.95E-11	1.89E-11	0.00E+00	0.00E+00	8.78E-12	1.60E-12	1.01E-11	1.56E-12	1.46E-12	2.35E-11
3509	475863.09	3849877.25	8.07E-08	7.96E-08	7.73E-08	2.79E-11	8.43E-11	4.88E-11	4.82E-11	4.37E-11	1.99E-11	1.94E-11	0.00E+00	0.00E+00	8.98E-12	1.64E-12	1.04E-11	1.60E-12	1.50E-12	2.41E-11
3510	476363.09	3849877.25	8.30E-08	8.19E-08	7.96E-08	2.87E-11	8.68E-11	5.02E-11	4.96E-11	4.49E-11	2.05E-11	1.99E-11	0.00E+00	0.00E+00	9.24E-12	1.68E-12	1.07E-11	1.65E-12	1.54E-12	2.48E-11
3511	476863.09	3849877.25	8.54E-08	8.43E-08	8.18E-08	2.96E-11	8.92E-11	5.17E-11	5.10E-11	4.62E-11	2.11E-11	2.05E-11	0.00E+00	0.00E+00	9.50E-12	1.73E-12	1.10E-11	1.69E-12	1.59E-12	2.55E-11
3512	477363.09	3849877.25	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.66E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.59E-11
3513	477863.09	3849877.25	8.55E-08	8.44E-08	8.19E-08	2.96E-11	8.94E-11	5.17E-11	5.11E-11	4.63E-11	2.11E-11	2.05E-11	0.00E+00	0.00E+00	9.52E-12	1.73E-12	1.10E-11	1.70E-12	1.59E-12	2.55E-11
3514	478363.09	3849877.25	8.37E-08	8.26E-08	8.02E-08	2.90E-11	8.75E-11	5.06E-11	5.00E-11	4.53E-11	2.07E-11	2.01E-11	0.00E+00	0.00E+00	9.31E-12	1.70E-12	1.08E-11	1.66E-12	1.55E-12	2.50E-11
3515	478863.09	3849877.25	8.64E-08	8.53E-08	8.28E-08	2.99E-11	9.03E-11	5.23E-11	5.16E-11	4.68E-11	2.13E-11	2.07E-11	0.00E+00	0.00E+00	9.62E-12	1.75E-12	1.11E-11	1.71E-12	1.60E-12	2.58E-11
3516	479363.09	3849877.25	8.67E-08	8.55E-08	8.31E-08	3.00E-11	9.06E-11	5.24E-11	5.18E-11	4.69E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.65E-12	1.76E-12	1.11E-11	1.72E-12	1.61E-12	2.59E-11
3517	479863.09	3849877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.22E-11	1.89E-12	1.77E-12	2.84E-11
3518	480363.09	3849877.25	8.94E-08	8.82E-08	8.57E-08	3.09E-11	9.34E-11	5.41E-11	5.34E-11	4.84E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.95E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
3519	480863.09	3849877.25	8.17E-08	8.07E-08	7.83E-08	2.83E-11	8.54E-11	4.94E-11	4.88E-11	4.42E-11	2.02E-11	1.96E-11	0.00E+00	0.00E+00	9.10E-12	1.66E-12	1.05E-11	1.62E-12	1.52E-12	2.44E-11
3520	481363.09	3849877.25	7.48E-08	7.39E-08	7.17E-08	2.59E-11	7.82E-11	4.53E-11	4.47E-11	4.05E-11	1.85E-11	1.79E-11	0.00E+00	0.00E+00	8.33E-12	1.52E-12	9.62E-12	1.48E-12	1.39E-12	2.23E-11
3521	481863.09	3849877.25	5.13E-08	5.06E-08	4.91E-08	1.77E-11	5.36E-11	3.10E-11	3.06E-11	2.78E-11	1.27E-11	1.23E-11	0.00E+00	0.00E+00	5.71E-12	1.04E-12	6.59E-12	1.02E-12	9.52E-13	1.53E-11
3522	482363.09	3849877.25	4.35E-08	4.29E-08	4.17E-08	1.50E-11	4.54E-11	2.63E-11	2.60E-11	2.35E-11	1.07E-11	1.04E-11	0.00E+00	0.00E+00	4.84E-12	8.81E-13	5.59E-12	8.62E-13	8.07E-13	1.30E-11
3523	482863.09	3849877.25	3.66E-08	3.61E-08	3.50E-08	1.27E-11	3.82E-11	2.21E-11	2.18E-11	1.98E-11	9.03E-12	8.77E-12	0.00E+00	0.00E+00	4.07E-12	7.41E-13	4.70E-12	7.25E-13	6.79E-13	1.09E-11
3524	483363.09	3849877.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	0.00E+00	0.00E+00	3.45E-12	6.28E-13	3.98E-12	6.14E-13	5.75E-13	9.25E-12
3525	483863.09	3849877.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	0.00E+00	0.00E+00	3.45E-12	6.28E-13	3.98E-12	6.14E-13	5.75E-13	9.25E-12
3526	484363.09	3849877.25	4.49E-08	4.43E-08	4.30E-08	1.55E-11	4.69E-11	2.72E-11	2.68E-11	2.43E-11	1.11E-11	1.08E-11	0.00E+00	0.00E+00	5.00E-12	9.10E-13	5.77E-12	8.91E-13	8.34E-13	1.34E-11
3527	484863.09	3849877.25	6.03E-08	5.95E-08	5.77E-08	2.09E-11	6.30E-11	3.65E-11	3.60E-11	3.26E-11	1.49E-11	1.45E-11	0.00E+00	0.00E+00	6.71E-12	1.22E-12	7.75E-12	1.20E-12	1.12E-12	1.80E-11
3528	485363.09	3849877.25	5.39E-08	5.32E-08	5.16E-08	1.86E-11	5.63E-11	3.26E-11	3.22E-11	2.92E-11	1.33E-11	1.29E-11	0.00E+00	0.00E+00	6.00E-12	1.09E-12	6.93E-12	1.07E-12	1.00E-12	1.61E-11
3529	485863.09	3849877.25	4.45E-08	4.39E-08	4.27E-08	1.54E-11	4.65E-11	2.69E-11	2.66E-11	2.41E-11	1.10E-11	1.07E-11	0.00E+00	0.00E+00	4.95E-12	9.02E-13	5.72E-12	8.83E-13	8.27E-13	1.33E-11
3530	486363.09	3849877.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	0.00E+00	0.00E+00	4.42E-12	8.05E-13	5.11E-12	7.87E-13	7.37E-13	1.19E-11
3531	486863.09	3849877.25	4.26E-08	4.20E-08	4.08E-08	1.47E-11	4.45E-11	2.57E-11	2.54E-11	2.30E-11	1.05E-11	1.02E-11	0.00E+00	0.00E+00	4.74E-12	8.63E-13	5.47E-12	8.44E-13	7.90E-13	1.27E-11
3532	487363.09	3849877.25	4.14E-08	4.08E-08	3.97E-08	1.43E-11	4.33E-11	2.50E-11	2.47E-11	2.24E-11	1.02E-11	9.93E-12	0.00E+00	0.00E+00	4.61E-12	8.39E-13	5.32E-12	8.21E-13	7.69E-13	1.24E-11
3533	487863.09	3849877.25	3.98E-08	3.93E-08	3.82E-08	1.38E-11	4.16E-11	2.41E-11	2.38E-11	2.16E-11	9.84E-12	9.55E-12	0.00E+00	0.00E+00	4.43E-12	8.07E-13	5.12E-12	7.90E-13	7.40E-13	1.19E-11
3534	488363.09	3849877.25	3.70E-08	3.65E-08	3.54E-08	1.28E-11	3.86E-11	2.24E-11	2.21E-11	2.00E-11	9.13E-12	8.86E-12	0.00E+00	0.00E+00	4.11E-12	7.49E-13	4.75E-12	7.33E-13	6.86E-13	1.10E-11
3535	488863.09	3849877.25	3.50E-08	3.45E-08	3.35E-08	1.21E-11	3.66E-11	2.12E-11	2.09E-11	1.90E-11	8.65E-12	8.40E-12	0.00E+00	0.00E+00	3.90E-12	7.10E-13	4.50E-12	6.94E-13	6.50E-13	1.05E-11
3536	489363.09	3849877.25	3.42E-08	3.38E-08	3.28E-08	1.18E-11	3.58E-11	2.07E-11	2.04E-11	1.85E-11	8.45E-12	8.21E-12	0.00E+00	0.00E+00	3.81E-12	6.94E-13	4.40E-12	6.79E-13	6.36E-13	1.02E-11
3537	489863.09	3849877.25	3.14E-08	3.10E-08	3.01E-08	1.09E-11	3.28E-11	1.90E-11	1.87E-11	1.70E-11	7.75E-12	7.52E-12	0.00E+00	0.00E+00	3.49E-12	6.36E-13	4.03E-12	6.22E-13	5.82E-13	9.37E-12
3538	490363.09	3849877.25	2.84E-08	2.80E-08	2.72E-08	9.82E-12	2.97E-11	1.72E-11	1.69E-11	1.54E-11	7.01E-12	6.80E-12	0.00E+00	0.00E+00	3.16E-12	5.75E-13	3.65E-12	5.63E-13	5.27E-13	8.47E-12
3539	490863.09	3849877.25	2.64E-08	2.61E-08	2.53E-08	9.14E-12	2.76E-11	1.60E-11	1.58E-11	1.43E-11	6.53E-12	6.34E-12	0.00E+00	0.00E+00	2.94E-12	5.35E-13	3.40E-12	5.24E-13	4.91E-13	7.89E-12
3540	491363.09	3849877.25	2.42E-08	2.39E-08	2.32E-08	8.38E-12	2.53E-11	1.46E-11	1.45E-11	1.31E-11	5.98E-12	5.81E-12	0.00E+00	0.00E+00	2.69E-12	4.91E-13	3.11E-12	4.80E-13	4.50E-13	7.23E-12
3541	491863.09	3849877.25	2.25E-08	2.22E-08	2.16E-08	7.79E-12	2.35E-11	1.36E-11	1.34E-11	1.22E-11	5.56E-12	5.40E-12	0.00E+00	0.00E+00	2.51E-12	4.56E-13	2.90E-12	4.47E-13	4.18E-13	6.72E-12
3542	492363.09	3849877.25	2.07E-08	2.04E-08	1.98E-08	7.16E-12	2.16E-11	1.25E-11	1.24E-11	1.12E-11	5.11E-12	4.96E-12	0.00E+00	0.00E+00	2.30E-12	4.19E-13	2.66E-12	4.10E-13	3.84E-13	6.18E-12
3543	492863.09	3849877.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	0.00E+00	0.00E+00	2.07E-12	3.77E-13	2.39E-12	3.69E-13	3.46E-13	5.56E-12
3544	493363.09	3849877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	0.00E+00	0.00E+00	1.84E-12	3.35E-13	2.13E-12	3.28E-13	3.07E-13	4.94E-12

3545	493863.09	3849877.25	1.64E-08	1.62E-08	1.57E-08	5.68E-12	1.71E-11	9.92E-12	9.79E-12	8.88E-12	4.05E-12	3.93E-12	0.00E+00	0.00E+00	1.83E-12	3.32E-13	2.11E-12	3.25E-13	3.05E-13	4.90E-12
3546	494363.09	3849877.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	0.00E+00	0.00E+00	2.06E-12	3.75E-13	2.38E-12	3.67E-13	3.43E-13	5.52E-12
3547	494863.09	3849877.25	1.98E-08	1.95E-08	1.90E-08	6.85E-12	2.07E-11	1.20E-11	1.18E-11	1.07E-11	4.89E-12	4.74E-12	0.00E+00	0.00E+00	2.20E-12	4.01E-13	2.54E-12	3.92E-13	3.67E-13	5.91E-12
3548	495363.09	3849877.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	0.00E+00	0.00E+00	2.06E-12	3.75E-13	2.38E-12	3.67E-13	3.43E-13	5.52E-12
3549	495863.09	3849877.25	2.12E-08	2.09E-08	2.03E-08	7.34E-12	2.22E-11	1.28E-11	1.27E-11	1.15E-11	5.24E-12	5.09E-12	0.00E+00	0.00E+00	2.36E-12	4.30E-13	2.73E-12	4.21E-13	3.94E-13	6.33E-12
3550	496363.09	3849877.25	2.34E-08	2.31E-08	2.24E-08	8.11E-12	2.45E-11	1.42E-11	1.40E-11	1.27E-11	5.79E-12	5.62E-12	0.00E+00	0.00E+00	2.61E-12	4.75E-13	3.01E-12	4.65E-13	4.35E-13	6.99E-12
3551	496863.09	3849877.25	2.52E-08	2.49E-08	2.42E-08	8.74E-12	2.64E-11	1.53E-11	1.51E-11	1.37E-11	6.24E-12	6.06E-12	0.00E+00	0.00E+00	2.81E-12	5.12E-13	3.25E-12	5.01E-13	4.69E-13	7.54E-12
3552	497363.09	3849877.25	3.16E-08	3.12E-08	3.03E-08	1.09E-11	3.31E-11	1.91E-11	1.89E-11	1.71E-11	7.81E-12	7.59E-12	0.00E+00	0.00E+00	3.52E-12	6.41E-13	4.07E-12	6.27E-13	5.87E-13	9.44E-12
3553	497863.09	3849877.25	3.57E-08	3.52E-08	3.42E-08	1.23E-11	3.73E-11	2.16E-11	2.13E-11	1.93E-11	8.81E-12	8.55E-12	0.00E+00	0.00E+00	3.97E-12	7.23E-13	4.59E-12	7.07E-13	6.62E-13	1.06E-11
3554	498363.09	3849877.25	3.44E-08	3.39E-08	3.29E-08	1.19E-11	3.59E-11	2.08E-11	2.05E-11	1.86E-11	8.49E-12	8.24E-12	0.00E+00	0.00E+00	3.82E-12	6.96E-13	4.42E-12	6.81E-13	6.38E-13	1.03E-11
3555	471363.09	3850377.25	4.36E-08	4.30E-08	4.18E-08	1.51E-11	4.56E-11	2.64E-11	2.60E-11	2.36E-11	1.08E-11	1.05E-11	0.00E+00	0.00E+00	4.85E-12	8.84E-13	5.61E-12	8.65E-13	8.10E-13	1.30E-11
3556	471863.09	3850377.25	5.31E-08	5.24E-08	5.09E-08	1.84E-11	5.55E-11	3.21E-11	3.17E-11	2.87E-11	1.31E-11	1.27E-11	0.00E+00	0.00E+00	5.91E-12	1.08E-12	6.83E-12	1.05E-12	9.86E-13	1.59E-11
3557	472363.09	3850377.25	5.76E-08	5.69E-08	5.53E-08	2.00E-11	6.03E-11	3.49E-11	3.44E-11	3.12E-11	1.42E-11	1.38E-11	0.00E+00	0.00E+00	6.42E-12	1.17E-12	7.41E-12	1.14E-12	1.07E-12	1.72E-11
3558	472863.09	3850377.25	6.57E-08	6.49E-08	6.30E-08	2.27E-11	6.87E-11	3.98E-11	3.92E-11	3.56E-11	1.62E-11	1.58E-11	0.00E+00	0.00E+00	7.32E-12	1.33E-12	8.45E-12	1.30E-12	1.22E-12	1.96E-11
3559	473363.09	3850377.25	7.01E-08	6.92E-08	6.72E-08	2.43E-11	7.33E-11	4.24E-11	4.19E-11	3.80E-11	1.73E-11	1.68E-11	0.00E+00	0.00E+00	7.81E-12	1.42E-12	9.02E-12	1.39E-12	1.30E-12	2.09E-11
3560	473863.09	3850377.25	7.50E-08	7.40E-08	7.18E-08	2.59E-11	7.83E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	0.00E+00	0.00E+00	8.34E-12	1.52E-12	9.64E-12	1.49E-12	1.39E-12	2.24E-11
3561	474363.09	3850377.25	7.78E-08	7.68E-08	7.46E-08	2.69E-11	8.13E-11	4.71E-11	4.65E-11	4.21E-11	1.92E-11	1.87E-11	0.00E+00	0.00E+00	8.66E-12	1.58E-12	1.00E-11	1.54E-12	1.45E-12	2.32E-11
3562	474863.09	3850377.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	0.00E+00	0.00E+00	8.89E-12	1.62E-12	1.03E-11	1.58E-12	1.48E-12	2.39E-11
3563	475363.09	3850377.25	8.30E-08	8.19E-08	7.96E-08	2.87E-11	8.68E-11	5.02E-11	4.96E-11	4.49E-11	2.05E-11	1.99E-11	0.00E+00	0.00E+00	9.24E-12	1.68E-12	1.07E-11	1.65E-12	1.54E-12	2.48E-11
3564	475863.09	3850377.25	8.59E-08	8.48E-08	8.23E-08	2.97E-11	8.98E-11	5.20E-11	5.13E-11	4.65E-11	2.12E-11	2.06E-11	0.00E+00	0.00E+00	9.56E-12	1.74E-12	1.10E-11	1.70E-12	1.60E-12	2.56E-11
3565	476363.09	3850377.25	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
3566	476863.09	3850377.25	8.98E-08	8.86E-08	8.61E-08	3.11E-11	9.39E-11	5.43E-11	5.36E-11	4.86E-11	2.22E-11	2.15E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.15E-11	1.78E-12	1.67E-12	2.68E-11
3567	477363.09	3850377.25	9.28E-08	9.16E-08	8.89E-08	3.21E-11	9.70E-11	5.61E-11	5.54E-11	5.02E-11	2.29E-11	2.23E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.77E-11
3568	477863.09	3850377.25	9.43E-08	9.31E-08	9.04E-08	3.27E-11	9.86E-11	5.71E-11	5.63E-11	5.11E-11	2.33E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.82E-11
3569	478363.09	3850377.25	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.74E-12	2.79E-11
3570	478863.09	3850377.25	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
3571	479363.09	3850377.25	9.75E-08	9.62E-08	9.34E-08	3.37E-11	1.02E-10	5.90E-11	5.82E-11	5.28E-11	2.41E-11	2.34E-11	0.00E+00	0.00E+00	1.08E-11	1.98E-12	1.25E-11	1.93E-12	1.81E-12	2.91E-11
3572	479863.09	3850377.25	9.92E-08	9.79E-08	9.50E-08	3.43E-11	1.04E-10	6.00E-11	5.92E-11	5.37E-11	2.45E-11	2.38E-11	0.00E+00	0.00E+00	1.10E-11	2.01E-12	1.28E-11	1.97E-12	1.84E-12	2.96E-11
3573	480363.09	3850377.25	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.35E-11	6.27E-11	5.69E-11	2.59E-11	2.52E-11	0.00E+00	0.00E+00	1.17E-11	2.13E-12	1.35E-11	2.08E-12	1.95E-12	3.14E-11
3574	480863.09	3850377.25	1.09E-07	1.08E-07	1.04E-07	3.77E-11	1.14E-10	6.59E-11	6.50E-11	5.90E-11	2.69E-11	2.61E-11	0.00E+00	0.00E+00	1.21E-11	2.21E-12	1.40E-11	2.16E-12	2.02E-12	3.25E-11
3575	481363.09	3850377.25	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.66E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.59E-11
3576	481863.09	3850377.25	8.11E-08	8.00E-08	7.77E-08	2.81E-11	8.47E-11	4.91E-11	4.84E-11	4.39E-11	2.00E-11	1.94E-11	0.00E+00	0.00E+00	9.02E-12	1.64E-12	1.04E-11	1.61E-12	1.51E-12	2.42E-11
3577	482363.09	3850377.25	7.30E-08	7.21E-08	7.00E-08	2.53E-11	7.63E-11	4.42E-11	4.36E-11	3.95E-11	1.80E-11	1.75E-11	0.00E+00	0.00E+00	8.13E-12	1.48E-12	9.39E-12	1.45E-12	1.36E-12	2.18E-11
3578	482863.09	3850377.25	5.50E-08	5.43E-08	5.28E-08	1.91E-11	5.75E-11	3.33E-11	3.29E-11	2.98E-11	1.36E-11	1.32E-11	0.00E+00	0.00E+00	6.13E-12	1.12E-12	7.08E-12	1.09E-12	1.02E-12	1.64E-11
3579	483363.09	3850377.25	4.27E-08	4.21E-08	4.09E-08	1.48E-11	4.46E-11	2.58E-11	2.55E-11	2.31E-11	1.05E-11	1.02E-11	0.00E+00	0.00E+00	4.75E-12	8.65E-13	5.49E-12	8.47E-13	7.93E-13	1.27E-11
3580	483863.09	3850377.25	4.71E-08	4.65E-08	4.51E-08	1.63E-11	4.92E-11	2.85E-11	2.81E-11	2.55E-11	1.16E-11	1.13E-11	0.00E+00	0.00E+00	5.24E-12	9.55E-13	6.06E-12	9.34E-13	8.75E-13	1.41E-11
3581	484363.09	3850377.25	5.83E-08	5.75E-08	5.59E-08	2.02E-11	6.09E-11	3.53E-11	3.48E-11	3.16E-11	1.44E-11	1.40E-11	0.00E+00	0.00E+00	6.49E-12	1.18E-12	7.50E-12	1.16E-12	1.08E-12	1.74E-11
3582	484863.09	3850377.25	7.03E-08	6.94E-08	6.73E-08	2.43E-11	7.34E-11	4.25E-11	4.20E-11	3.80E-11	1.74E-11	1.69E-11	0.00E+00	0.00E+00	7.82E-12	1.42E-12	9.04E-12	1.39E-12	1.31E-12	2.10E-11
3583	485363.09	3850377.25	6.75E-08	6.67E-08	6.47E-08	2.34E-11	7.06E-11	4.09E-11	4.03E-11	3.66E-11	1.67E-11	1.62E-11	0.00E+00	0.00E+00	7.52E-12	1.37E-12	8.69E-12	1.34E-12	1.25E-12	2.02E-11
3584	485863.09	3850377.25	6.01E-08	5.93E-08	5.76E-08	2.08E-11	6.28E-11	3.64E-11	3.59E-11	3.25E-11	1.49E-11	1.44E-11	0.00E+00	0.00E+00	6.69E-12	1.22E-12	7.73E-12	1.19E-12	1.12E-12	1.80E-11
3585	486363.09	3850377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	0.00E+00	0.00E+00	6.37E-12	1.16E-12	7.36E-12	1.14E-12	1.06E-12	1.71E-11
3586	486863.09	3850377.25	5.32E-08	5.25E-08	5.10E-08	1.84E-11	5.56E-11	3.22E-11	3.18E-11	2.88E-11	1.31E-11	1.28E-11	0.00E+00	0.00E+00	5.92E-12	1.08E-12	6.85E-12	1.06E-12	9.89E-13	1.59E-11
3587	487363.09	3850377.25	4.95E-08	4.88E-08	4.74E-08	1.71E-11	5.17E-11	2.99E-11	2.95E-11	2.68E-11	1.22E-11	1.19E-11	0.00E+00	0.00E+00	5.50E-12	1.00E-12	6.36E-12	9.81E-13	9.18E-13	1.48E-11
3588	487863.09	3850377.25	4.76E-08	4.70E-08	4.56E-08	1.65E-11	4.98E-11	2.88E-11	2.84E-11	2.58E-11	1.18E-11	1.14E-11	0.00E+00	0.00E+00	5.30E-12	9.65E-13	6.13E-12	9.45E-13	8.85E-13	1.42E-11
3589	488363.09	3850377.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	0.00E+00	0.00E+00	4.93E-12	8.97E-13	5.69E-12	8.78E-13	8.22E-13	1.32E-11
3590	488863.09	3850377.25	4.13E-08	4.07E-08	3.95E-08	1.43E-11	4.31E-11	2.50E-11	2.46E-11	2.23E-11	1.02E-11	9.89E-12	0.00E+00	0.00E+00	4.59E-12	8.36E-13	5.31E-12	8.18E-13	7.66E-13	1.23E-11
3591	489363.09	3850377.25	3.92E-08	3.87E-08	3.75E-08	1.36E-11	4.09E-11	2.37E-11	2.34E-11	2.12E-11	9.68E-12	9.40E-12	0.00E+00	0.00E+00	4.36E-12	7.94E-13	5.04E-12	7.77E-13	7.28E-13	1.17E-11
3592	489863.09	3850377.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	0.00E+00	0.00E+00	3.93E-12	7.15E-13	4.54E-12	7.00E-13	6.55E-13	1.05E-11
3593	490363.09	3850377.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	0.00E+00	0.00E+00	3.64E-12	6.62E-13	4.20E-12	6.48E-13	6.07E-13	9.75E-12
3594	490863.09	3850377.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	0.00E+00	0.00E+00	3.33E-12	6.07E-13	3.85E-12	5.94E-13	5.56E-13	8.94E-12
3595	491363.09	3850377.25	2.76E-08	2.72E-08	2.64E-08	9.55E-12	2.88E-11	1.67E-11	1.65E-11	1.49E-11	6.81E-12	6.62E-12	0.00E+00	0.00E+00	3.07E-12	5.59E-13	3.55E-12	5.47E-13	5.12E-13	8.24E-12
3596	491863.09	3850377.25	2.51E-08	2.48E-08	2.41E-08	8.69E-12	2.63E-11	1.52E-11	1.50E-11	1.36E-11	6.20E-12	6.02E-12	0.00E+00	0.00E+00	2.80E-12	5.09E-13	3.23E-12	4.98E-13	4.66E-13	7.50E-12
3597	492363.09	3850377.25	2.25E-08	2.22E-08	2.16E-08	7.79E-12	2.35E-11	1.36E-11	1.34E-11	1.22E-11	5.56E-12	5.40E-12	0.00E+00	0.00E+00	2.51E-12	4.56E-13	2.90E-12	4.47E-13	4.18E-13	6.72E-12

3598	492863.09	3850377.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	0.00E+00	0.00E+00	2.27E-12	4.14E-13	2.63E-12	4.05E-13	3.79E-13	6.10E-12
3599	493363.09	3850377.25	1.89E-08	1.86E-08	1.81E-08	6.53E-12	1.97E-11	1.14E-11	1.13E-11	1.02E-11	4.66E-12	4.53E-12	0.00E+00	0.00E+00	2.10E-12	3.82E-13	2.43E-12	3.74E-13	3.50E-13	5.63E-12
3600	493863.09	3850377.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	0.00E+00	0.00E+00	2.27E-12	4.14E-13	2.63E-12	4.05E-13	3.79E-13	6.10E-12
3601	494363.09	3850377.25	2.10E-08	2.07E-08	2.01E-08	7.25E-12	2.19E-11	1.27E-11	1.25E-11	1.13E-11	5.18E-12	5.03E-12	0.00E+00	0.00E+00	2.33E-12	4.25E-13	2.69E-12	4.16E-13	3.89E-13	6.26E-12
3602	494863.09	3850377.25	2.25E-08	2.22E-08	2.16E-08	7.79E-12	2.35E-11	1.36E-11	1.34E-11	1.22E-11	5.56E-12	5.40E-12	0.00E+00	0.00E+00	2.51E-12	4.56E-13	2.90E-12	4.47E-13	4.18E-13	6.72E-12
3603	495363.09	3850377.25	2.63E-08	2.59E-08	2.52E-08	9.10E-12	2.75E-11	1.59E-11	1.57E-11	1.42E-11	6.49E-12	6.31E-12	0.00E+00	0.00E+00	2.93E-12	5.33E-13	3.38E-12	5.21E-13	4.88E-13	7.85E-12
3604	495863.09	3850377.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	0.00E+00	0.00E+00	2.87E-12	5.22E-13	3.31E-12	5.11E-13	4.79E-13	7.69E-12
3605	496363.09	3850377.25	3.05E-08	3.01E-08	2.92E-08	1.05E-11	3.18E-11	1.84E-11	1.82E-11	1.65E-11	7.52E-12	7.30E-12	0.00E+00	0.00E+00	3.39E-12	6.17E-13	3.92E-12	6.04E-13	5.66E-13	9.09E-12
3606	496863.09	3850377.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	0.00E+00	0.00E+00	3.93E-12	7.15E-13	4.54E-12	7.00E-13	6.55E-13	1.05E-11
3607	497363.09	3850377.25	3.98E-08	3.93E-08	3.82E-08	1.38E-11	4.16E-11	2.41E-11	2.38E-11	2.16E-11	9.84E-12	9.55E-12	0.00E+00	0.00E+00	4.43E-12	8.07E-13	5.12E-12	7.90E-13	7.40E-13	1.19E-11
3608	497863.09	3850377.25	3.96E-08	3.90E-08	3.79E-08	1.37E-11	4.13E-11	2.39E-11	2.36E-11	2.14E-11	9.77E-12	9.49E-12	0.00E+00	0.00E+00	4.40E-12	8.02E-13	5.09E-12	7.85E-13	7.35E-13	1.18E-11
3609	498363.09	3850377.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	0.00E+00	0.00E+00	4.42E-12	8.05E-13	5.11E-12	7.87E-13	7.37E-13	1.19E-11
3610	471363.09	3850877.25	4.87E-08	4.80E-08	4.66E-08	1.68E-11	5.09E-11	2.94E-11	2.91E-11	2.63E-11	1.20E-11	1.17E-11	0.00E+00	0.00E+00	5.42E-12	9.87E-13	6.26E-12	9.65E-13	9.04E-13	1.45E-11
3611	471863.09	3850877.25	5.32E-08	5.25E-08	5.10E-08	1.84E-11	5.56E-11	3.22E-11	3.18E-11	2.88E-11	1.31E-11	1.28E-11	0.00E+00	0.00E+00	5.92E-12	1.08E-12	6.85E-12	1.06E-12	9.89E-13	1.59E-11
3612	472363.09	3850877.25	5.96E-08	5.88E-08	5.71E-08	2.06E-11	6.23E-11	3.61E-11	3.56E-11	3.23E-11	1.47E-11	1.43E-11	0.00E+00	0.00E+00	6.63E-12	1.21E-12	7.67E-12	1.18E-12	1.11E-12	1.78E-11
3613	472863.09	3850877.25	6.49E-08	6.41E-08	6.22E-08	2.25E-11	6.79E-11	3.93E-11	3.88E-11	3.52E-11	1.60E-11	1.56E-11	0.00E+00	0.00E+00	7.23E-12	1.32E-12	8.35E-12	1.29E-12	1.21E-12	1.94E-11
3614	473363.09	3850877.25	6.47E-08	6.38E-08	6.20E-08	2.24E-11	6.76E-11	3.91E-11	3.86E-11	3.50E-11	1.60E-11	1.55E-11	0.00E+00	0.00E+00	7.20E-12	1.31E-12	8.32E-12	1.28E-12	1.20E-12	1.93E-11
3615	473863.09	3850877.25	7.16E-08	7.06E-08	6.86E-08	2.48E-11	7.48E-11	4.33E-11	4.27E-11	3.87E-11	1.77E-11	1.72E-11	0.00E+00	0.00E+00	7.97E-12	1.45E-12	9.21E-12	1.42E-12	1.33E-12	2.14E-11
3616	474363.09	3850877.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	0.00E+00	0.00E+00	8.89E-12	1.62E-12	1.03E-11	1.58E-12	1.48E-12	2.39E-11
3617	474863.09	3850877.25	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.39E-12	1.71E-12	1.08E-11	1.67E-12	1.57E-12	2.52E-11
3618	475363.09	3850877.25	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.66E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.59E-11
3619	475863.09	3850877.25	8.97E-08	8.85E-08	8.59E-08	3.10E-11	9.37E-11	5.43E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.98E-12	1.82E-12	1.15E-11	1.78E-12	1.67E-12	2.68E-11
3620	476363.09	3850877.25	9.29E-08	9.17E-08	8.91E-08	3.22E-11	9.71E-11	5.62E-11	5.55E-11	5.03E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.20E-11	1.84E-12	1.73E-12	2.77E-11
3621	476863.09	3850877.25	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
3622	477363.09	3850877.25	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
3623	477863.09	3850877.25	1.01E-07	9.99E-08	9.70E-08	3.50E-11	1.06E-10	6.13E-11	6.05E-11	5.48E-11	2.50E-11	2.43E-11	0.00E+00	0.00E+00	1.13E-11	2.05E-12	1.30E-11	2.01E-12	1.88E-12	3.02E-11
3624	478363.09	3850877.25	1.04E-07	1.02E-07	9.95E-08	3.59E-11	1.09E-10	6.28E-11	6.20E-11	5.62E-11	2.57E-11	2.49E-11	0.00E+00	0.00E+00	1.16E-11	2.10E-12	1.34E-11	2.06E-12	1.93E-12	3.10E-11
3625	478863.09	3850877.25	1.06E-07	1.05E-07	1.02E-07	3.67E-11	1.11E-10	6.41E-11	6.33E-11	5.73E-11	2.62E-11	2.54E-11	0.00E+00	0.00E+00	1.18E-11	2.15E-12	1.36E-11	2.10E-12	1.97E-12	3.16E-11
3626	479363.09	3850877.25	1.06E-07	1.04E-07	1.01E-07	3.66E-11	1.11E-10	6.40E-11	6.32E-11	5.73E-11	2.61E-11	2.54E-11	0.00E+00	0.00E+00	1.18E-11	2.14E-12	1.36E-11	2.10E-12	1.97E-12	3.16E-11
3627	479863.09	3850877.25	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.35E-11	5.76E-11	2.63E-11	2.55E-11	0.00E+00	0.00E+00	1.18E-11	2.16E-12	1.37E-11	2.11E-12	1.97E-12	3.17E-11
3628	480363.09	3850877.25	1.15E-07	1.14E-07	1.10E-07	3.98E-11	1.20E-10	6.96E-11	6.87E-11	6.23E-11	2.84E-11	2.76E-11	0.00E+00	0.00E+00	1.28E-11	2.33E-12	1.48E-11	2.28E-12	2.14E-12	3.44E-11
3629	480863.09	3850877.25	1.25E-07	1.23E-07	1.19E-07	4.32E-11	1.30E-10	7.54E-11	7.44E-11	6.75E-11	3.08E-11	2.99E-11	0.00E+00	0.00E+00	1.39E-11	2.53E-12	1.60E-11	2.47E-12	2.32E-12	3.72E-11
3630	481363.09	3850877.25	1.26E-07	1.24E-07	1.21E-07	4.37E-11	1.32E-10	7.63E-11	7.53E-11	6.83E-11	3.11E-11	3.02E-11	0.00E+00	0.00E+00	1.40E-11	2.56E-12	1.62E-11	2.50E-12	2.34E-12	3.77E-11
3631	481863.09	3850877.25	1.18E-07	1.16E-07	1.13E-07	4.07E-11	1.23E-10	7.11E-11	7.02E-11	6.36E-11	2.90E-11	2.82E-11	0.00E+00	0.00E+00	1.31E-11	2.38E-12	1.51E-11	2.33E-12	2.18E-12	3.51E-11
3632	482363.09	3850877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.22E-11	1.89E-12	1.77E-12	2.84E-11
3633	482863.09	3850877.25	8.20E-08	8.09E-08	7.86E-08	2.84E-11	8.57E-11	4.96E-11	4.90E-11	4.44E-11	2.03E-11	1.97E-11	0.00E+00	0.00E+00	9.13E-12	1.66E-12	1.05E-11	1.63E-12	1.52E-12	2.45E-11
3634	483363.09	3850877.25	6.78E-08	6.69E-08	6.50E-08	2.35E-11	7.09E-11	4.10E-11	4.05E-11	3.67E-11	1.67E-11	1.63E-11	0.00E+00	0.00E+00	7.55E-12	1.37E-12	8.72E-12	1.34E-12	1.26E-12	2.02E-11
3635	483863.09	3850877.25	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	0.00E+00	0.00E+00	7.14E-12	1.30E-12	8.25E-12	1.27E-12	1.19E-12	1.92E-11
3636	484363.09	3850877.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	0.00E+00	0.00E+00	8.49E-12	1.55E-12	9.81E-12	1.51E-12	1.42E-12	2.28E-11
3637	484863.09	3850877.25	7.83E-08	7.73E-08	7.51E-08	2.71E-11	8.19E-11	4.74E-11	4.68E-11	4.24E-11	1.94E-11	1.88E-11	0.00E+00	0.00E+00	8.72E-12	1.59E-12	1.01E-11	1.55E-12	1.46E-12	2.34E-11
3638	485363.09	3850877.25	7.94E-08	7.83E-08	7.61E-08	2.75E-11	8.30E-11	4.80E-11	4.74E-11	4.30E-11	1.96E-11	1.90E-11	0.00E+00	0.00E+00	8.84E-12	1.61E-12	1.02E-11	1.57E-12	1.47E-12	2.37E-11
3639	485863.09	3850877.25	7.00E-08	6.91E-08	6.71E-08	2.42E-11	7.32E-11	4.24E-11	4.18E-11	3.79E-11	1.73E-11	1.68E-11	0.00E+00	0.00E+00	7.79E-12	1.42E-12	9.01E-12	1.39E-12	1.30E-12	2.09E-11
3640	486363.09	3850877.25	7.18E-08	7.09E-08	6.88E-08	2.49E-11	7.51E-11	4.35E-11	4.29E-11	3.89E-11	1.77E-11	1.72E-11	0.00E+00	0.00E+00	8.00E-12	1.46E-12	9.24E-12	1.42E-12	1.33E-12	2.15E-11
3641	486863.09	3850877.25	6.64E-08	6.55E-08	6.36E-08	2.30E-11	6.94E-11	4.02E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	0.00E+00	0.00E+00	7.39E-12	1.35E-12	8.54E-12	1.32E-12	1.23E-12	1.98E-11
3642	487363.09	3850877.25	5.87E-08	5.79E-08	5.62E-08	2.03E-11	6.13E-11	3.55E-11	3.50E-11	3.18E-11	1.45E-11	1.41E-11	0.00E+00	0.00E+00	6.53E-12	1.19E-12	7.55E-12	1.16E-12	1.09E-12	1.75E-11
3643	487863.09	3850877.25	5.66E-08	5.59E-08	5.43E-08	1.96E-11	5.92E-11	3.43E-11	3.38E-11	3.06E-11	1.40E-11	1.36E-11	0.00E+00	0.00E+00	6.30E-12	1.15E-12	7.28E-12	1.12E-12	1.05E-12	1.69E-11
3644	488363.09	3850877.25	5.26E-08	5.19E-08	5.04E-08	1.82E-11	5.50E-11	3.18E-11	3.14E-11	2.85E-11	1.30E-11	1.26E-11	0.00E+00	0.00E+00	5.85E-12	1.07E-12	6.76E-12	1.04E-12	9.76E-13	1.57E-11
3645	488863.09	3850877.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.36E-12	9.76E-13	6.19E-12	9.55E-13	8.94E-13	1.44E-11
3646	489363.09	3850877.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	0.00E+00	0.00E+00	5.07E-12	9.23E-13	5.86E-12	9.03E-13	8.46E-13	1.36E-11
3647	489863.09	3850877.25	4.09E-08	4.03E-08	3.92E-08	1.41E-11	4.27E-11	2.47E-11	2.44E-11	2.21E-11	1.01E-11	9.80E-12	0.00E+00	0.00E+00	4.55E-12	8.28E-13	5.26E-12	8.10E-13	7.59E-13	1.22E-11
3648	490363.09	3850877.25	3.90E-08	3.85E-08	3.74E-08	1.35E-11	4.08E-11	2.36E-11	2.33E-11	2.11E-11	9.64E-12	9.36E-12	0.00E+00	0.00E+00	4.35E-12	7.91E-13	5.02E-12	7.74E-13	7.25E-13	1.17E-11
3649	490863.09	3850877.25	3.50E-08	3.45E-08	3.35E-08	1.21E-11	3.66E-11	2.12E-11	2.09E-11	1.90E-11	8.65E-12	8.40E-12	0.00E+00	0.00E+00	3.90E-12	7.10E-13	4.50E-12	6.94E-13	6.50E-13	1.05E-11
3650	491363.09	3850877.25	3.19E-08	3.15E-08	3.06E-08	1.10E-11	3.33E-11	1.93E-11	1.90E-11	1.73E-11	7.88E-12	7.65E-12	0.00E+00	0.00E+00	3.55E-12	6.46E-13	4.10E-12	6.32E-13	5.92E-13	9.52E-12

3651	491863.09	3850877.25	2.92E-08	2.88E-08	2.79E-08	1.01E-11	3.05E-11	1.76E-11	1.74E-11	1.58E-11	7.20E-12	6.99E-12	0.00E+00	0.00E+00	3.24E-12	5.91E-13	3.75E-12	5.78E-13	5.41E-13	8.70E-12
3652	492363.09	3850877.25	2.63E-08	2.59E-08	2.52E-08	9.10E-12	2.75E-11	1.59E-11	1.57E-11	1.42E-11	6.49E-12	6.31E-12	0.00E+00	0.00E+00	2.93E-12	5.33E-13	3.38E-12	5.21E-13	4.88E-13	7.85E-12
3653	492863.09	3850877.25	2.37E-08	2.34E-08	2.27E-08	8.20E-12	2.48E-11	1.43E-11	1.41E-11	1.28E-11	5.85E-12	5.68E-12	0.00E+00	0.00E+00	2.64E-12	4.80E-13	3.05E-12	4.70E-13	4.40E-13	7.07E-12
3654	493363.09	3850877.25	2.39E-08	2.36E-08	2.29E-08	8.29E-12	2.50E-11	1.45E-11	1.43E-11	1.30E-11	5.91E-12	5.74E-12	0.00E+00	0.00E+00	2.67E-12	4.85E-13	3.08E-12	4.75E-13	4.45E-13	7.15E-12
3655	493863.09	3850877.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	0.00E+00	0.00E+00	2.87E-12	5.22E-13	3.31E-12	5.11E-13	4.79E-13	7.69E-12
3656	494363.09	3850877.25	2.56E-08	2.53E-08	2.46E-08	8.87E-12	2.68E-11	1.55E-11	1.53E-11	1.39E-11	6.33E-12	6.15E-12	0.00E+00	0.00E+00	2.85E-12	5.20E-13	3.30E-12	5.08E-13	4.76E-13	7.66E-12
3657	494863.09	3850877.25	2.84E-08	2.80E-08	2.72E-08	9.82E-12	2.97E-11	1.72E-11	1.69E-11	1.54E-11	7.01E-12	6.80E-12	0.00E+00	0.00E+00	3.16E-12	5.75E-13	3.65E-12	5.63E-13	5.27E-13	8.47E-12
3658	495363.09	3850877.25	3.21E-08	3.17E-08	3.08E-08	1.11E-11	3.36E-11	1.94E-11	1.92E-11	1.74E-11	7.94E-12	7.71E-12	0.00E+00	0.00E+00	3.58E-12	6.52E-13	4.13E-12	6.38E-13	5.97E-13	9.60E-12
3659	495863.09	3850877.25	3.49E-08	3.44E-08	3.34E-08	1.21E-11	3.65E-11	2.11E-11	2.08E-11	1.89E-11	8.61E-12	8.37E-12	0.00E+00	0.00E+00	3.88E-12	7.07E-13	4.49E-12	6.92E-13	6.48E-13	1.04E-11
3660	496363.09	3850877.25	3.81E-08	3.76E-08	3.65E-08	1.32E-11	3.99E-11	2.31E-11	2.28E-11	2.06E-11	9.42E-12	9.15E-12	0.00E+00	0.00E+00	4.24E-12	7.73E-13	4.90E-12	7.56E-13	7.08E-13	1.14E-11
3661	496863.09	3850877.25	4.58E-08	4.52E-08	4.39E-08	1.59E-11	4.79E-11	2.77E-11	2.74E-11	2.48E-11	1.13E-11	1.10E-11	0.00E+00	0.00E+00	5.10E-12	9.29E-13	5.89E-12	9.09E-13	8.51E-13	1.37E-11
3662	497363.09	3850877.25	4.62E-08	4.56E-08	4.43E-08	1.60E-11	4.83E-11	2.80E-11	2.76E-11	2.50E-11	1.14E-11	1.11E-11	0.00E+00	0.00E+00	5.14E-12	9.36E-13	5.94E-12	9.16E-13	8.58E-13	1.38E-11
3663	497863.09	3850877.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	0.00E+00	0.00E+00	5.07E-12	9.23E-13	5.86E-12	9.03E-13	8.46E-13	1.36E-11
3664	498363.09	3850877.25	4.66E-08	4.60E-08	4.47E-08	1.61E-11	4.87E-11	2.82E-11	2.78E-11	2.52E-11	1.15E-11	1.12E-11	0.00E+00	0.00E+00	5.19E-12	9.44E-13	5.99E-12	9.24E-13	8.65E-13	1.39E-11
3665	471363.09	3851377.25	5.21E-08	5.14E-08	4.99E-08	1.80E-11	5.44E-11	3.15E-11	3.11E-11	2.82E-11	1.29E-11	1.25E-11	0.00E+00	0.00E+00	5.79E-12	1.06E-12	6.70E-12	1.03E-12	9.67E-13	1.55E-11
3666	471863.09	3851377.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	0.00E+00	0.00E+00	6.58E-12	1.20E-12	7.60E-12	1.17E-12	1.10E-12	1.76E-11
3667	472363.09	3851377.25	6.03E-08	5.95E-08	5.77E-08	2.09E-11	6.30E-11	3.65E-11	3.60E-11	3.26E-11	1.49E-11	1.45E-11	0.00E+00	0.00E+00	6.71E-12	1.22E-12	7.75E-12	1.20E-12	1.12E-12	1.80E-11
3668	472863.09	3851377.25	6.21E-08	6.13E-08	5.95E-08	2.15E-11	6.49E-11	3.76E-11	3.71E-11	3.36E-11	1.53E-11	1.49E-11	0.00E+00	0.00E+00	6.91E-12	1.26E-12	7.98E-12	1.23E-12	1.15E-12	1.85E-11
3669	473363.09	3851377.25	6.01E-08	5.93E-08	5.76E-08	2.08E-11	6.28E-11	3.64E-11	3.59E-11	3.25E-11	1.49E-11	1.44E-11	0.00E+00	0.00E+00	6.69E-12	1.22E-12	7.73E-12	1.19E-12	1.12E-12	1.80E-11
3670	473863.09	3851377.25	6.38E-08	6.29E-08	6.11E-08	2.21E-11	6.66E-11	3.86E-11	3.81E-11	3.45E-11	1.58E-11	1.53E-11	0.00E+00	0.00E+00	7.10E-12	1.29E-12	8.20E-12	1.26E-12	1.18E-12	1.90E-11
3671	474363.09	3851377.25	7.25E-08	7.15E-08	6.95E-08	2.51E-11	7.58E-11	4.39E-11	4.33E-11	3.92E-11	1.79E-11	1.74E-11	0.00E+00	0.00E+00	8.07E-12	1.47E-12	9.32E-12	1.44E-12	1.35E-12	2.16E-11
3672	474863.09	3851377.25	8.08E-08	7.98E-08	7.75E-08	2.80E-11	8.45E-11	4.89E-11	4.83E-11	4.37E-11	2.00E-11	1.94E-11	0.00E+00	0.00E+00	9.00E-12	1.64E-12	1.04E-11	1.60E-12	1.50E-12	2.41E-11
3673	475363.09	3851377.25	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	0.00E+00	0.00E+00	9.88E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
3674	475863.09	3851377.25	9.36E-08	9.23E-08	8.97E-08	3.24E-11	9.78E-11	5.66E-11	5.59E-11	5.07E-11	2.31E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.90E-12	1.20E-11	1.86E-12	1.74E-12	2.79E-11
3675	476363.09	3851377.25	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.88E-11
3676	476863.09	3851377.25	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
3677	477363.09	3851377.25	1.04E-07	1.03E-07	1.00E-07	3.62E-11	1.09E-10	6.32E-11	6.24E-11	5.66E-11	2.58E-11	2.51E-11	0.00E+00	0.00E+00	1.16E-11	2.12E-12	1.34E-11	2.07E-12	1.94E-12	3.12E-11
3678	477863.09	3851377.25	1.08E-07	1.06E-07	1.03E-07	3.73E-11	1.12E-10	6.51E-11	6.43E-11	5.83E-11	2.66E-11	2.58E-11	0.00E+00	0.00E+00	1.20E-11	2.18E-12	1.38E-11	2.13E-12	2.00E-12	3.21E-11
3679	478363.09	3851377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.67E-11	6.58E-11	5.97E-11	2.72E-11	2.64E-11	0.00E+00	0.00E+00	1.23E-11	2.23E-12	1.42E-11	2.19E-12	2.05E-12	3.29E-11
3680	478863.09	3851377.25	1.14E-07	1.12E-07	1.09E-07	3.94E-11	1.19E-10	6.89E-11	6.80E-11	6.16E-11	2.81E-11	2.73E-11	0.00E+00	0.00E+00	1.27E-11	2.31E-12	1.46E-11	2.26E-12	2.11E-12	3.40E-11
3681	479363.09	3851377.25	1.16E-07	1.15E-07	1.12E-07	4.03E-11	1.22E-10	7.04E-11	6.95E-11	6.30E-11	2.87E-11	2.79E-11	0.00E+00	0.00E+00	1.30E-11	2.36E-12	1.50E-11	2.31E-12	2.16E-12	3.47E-11
3682	479863.09	3851377.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.15E-11	7.06E-11	6.40E-11	2.92E-11	2.83E-11	0.00E+00	0.00E+00	1.32E-11	2.40E-12	1.52E-11	2.34E-12	2.19E-12	3.53E-11
3683	480363.09	3851377.25	1.21E-07	1.19E-07	1.15E-07	4.17E-11	1.26E-10	7.29E-11	7.20E-11	6.52E-11	2.98E-11	2.89E-11	0.00E+00	0.00E+00	1.34E-11	2.44E-12	1.55E-11	2.39E-12	2.24E-12	3.60E-11
3684	480863.09	3851377.25	1.29E-07	1.27E-07	1.23E-07	4.46E-11	1.35E-10	7.80E-11	7.69E-11	6.97E-11	3.18E-11	3.09E-11	0.00E+00	0.00E+00	1.43E-11	2.61E-12	1.66E-11	2.56E-12	2.39E-12	3.85E-11
3685	481363.09	3851377.25	1.41E-07	1.39E-07	1.35E-07	4.88E-11	1.47E-10	8.54E-11	8.42E-11	7.64E-11	3.48E-11	3.38E-11	0.00E+00	0.00E+00	1.57E-11	2.86E-12	1.81E-11	2.80E-12	2.62E-12	4.21E-11
3686	481863.09	3851377.25	1.41E-07	1.39E-07	1.35E-07	4.89E-11	1.48E-10	8.55E-11	8.44E-11	7.65E-11	3.49E-11	3.39E-11	0.00E+00	0.00E+00	1.57E-11	2.86E-12	1.82E-11	2.80E-12	2.62E-12	4.22E-11
3687	482363.09	3851377.25	1.34E-07	1.33E-07	1.29E-07	4.65E-11	1.41E-10	8.13E-11	8.03E-11	7.28E-11	3.32E-11	3.22E-11	0.00E+00	0.00E+00	1.50E-11	2.72E-12	1.73E-11	2.67E-12	2.50E-12	4.01E-11
3688	482863.09	3851377.25	1.09E-07	1.08E-07	1.05E-07	3.79E-11	1.14E-10	6.62E-11	6.54E-11	5.92E-11	2.70E-11	2.63E-11	0.00E+00	0.00E+00	1.22E-11	2.22E-12	1.41E-11	2.17E-12	2.03E-12	3.27E-11
3689	483363.09	3851377.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.97E-12	1.81E-12	1.15E-11	1.78E-12	1.66E-12	2.67E-11
3690	483863.09	3851377.25	8.12E-08	8.01E-08	7.78E-08	2.81E-11	8.49E-11	4.91E-11	4.85E-11	4.40E-11	2.01E-11	1.95E-11	0.00E+00	0.00E+00	9.04E-12	1.65E-12	1.04E-11	1.61E-12	1.51E-12	2.42E-11
3691	484363.09	3851377.25	9.77E-08	9.65E-08	9.37E-08	3.38E-11	1.02E-10	5.91E-11	5.84E-11	5.29E-11	2.41E-11	2.34E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.82E-12	2.92E-11
3692	484863.09	3851377.25	7.77E-08	7.67E-08	7.45E-08	2.69E-11	8.12E-11	4.70E-11	4.64E-11	4.21E-11	1.92E-11	1.86E-11	0.00E+00	0.00E+00	8.65E-12	1.57E-12	9.99E-12	1.54E-12	1.44E-12	2.32E-11
3693	485363.09	3851377.25	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.92E-12	1.80E-12	2.90E-11
3694	485863.09	3851377.25	8.16E-08	8.05E-08	7.82E-08	2.82E-11	8.53E-11	4.94E-11	4.87E-11	4.42E-11	2.02E-11	1.96E-11	0.00E+00	0.00E+00	9.08E-12	1.65E-12	1.05E-11	1.62E-12	1.52E-12	2.44E-11
3695	486363.09	3851377.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.97E-12	1.81E-12	1.15E-11	1.78E-12	1.66E-12	2.67E-11
3696	486863.09	3851377.25	8.22E-08	8.12E-08	7.88E-08	2.85E-11	8.60E-11	4.98E-11	4.91E-11	4.45E-11	2.03E-11	1.97E-11	0.00E+00	0.00E+00	9.16E-12	1.67E-12	1.06E-11	1.63E-12	1.53E-12	2.46E-11
3697	487363.09	3851377.25	6.53E-08	6.45E-08	6.26E-08	2.26E-11	6.83E-11	3.95E-11	3.90E-11	3.54E-11	1.61E-11	1.57E-11	0.00E+00	0.00E+00	7.27E-12	1.32E-12	8.40E-12	1.30E-12	1.21E-12	1.95E-11
3698	487863.09	3851377.25	6.64E-08	6.55E-08	6.36E-08	2.30E-11	6.94E-11	4.02E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	0.00E+00	0.00E+00	7.39E-12	1.35E-12	8.54E-12	1.32E-12	1.23E-12	1.98E-11
3699	488363.09	3851377.25	6.32E-08	6.24E-08	6.06E-08	2.19E-11	6.61E-11	3.83E-11	3.78E-11	3.42E-11	1.56E-11	1.52E-11	0.00E+00	0.00E+00	7.04E-12	1.28E-12	8.13E-12	1.25E-12	1.17E-12	1.89E-11
3700	488863.09	3851377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	0.00E+00	0.00E+00	6.37E-12	1.16E-12	7.36E-12	1.14E-12	1.06E-12	1.71E-11
3701	489363.09	3851377.25	5.39E-08	5.32E-08	5.16E-08	1.86E-11	5.63E-11	3.26E-11	3.22E-11	2.92E-11	1.33E-11	1.29E-11	0.00E+00	0.00E+00	6.00E-12	1.09E-12	6.93E-12	1.07E-12	1.00E-12	1.61E-11
3702	489863.09	3851377.25	4.75E-08	4.69E-08	4.55E-08	1.64E-11	4.96E-11	2.87E-11	2.84E-11	2.57E-11	1.17E-11	1.14E-11	0.00E+00	0.00E+00	5.29E-12	9.63E-13	6.11E-12	9.42E-13	8.82E-13	1.42E-11
3703	490363.09	3851377.25	4.53E-08	4.47E-08	4.34E-08	1.57E-11	4.73E-11	2.74E-11	2.70E-11	2.45E-11	1.12E-11	1.09E-11	0.00E+00	0.00E+00	5.04E-12	9.18E-13	5.82E-12	8.98E-13	8.41E-13	1.35E-11

3704	490863.09	3851377.25	4.03E-08	3.98E-08	3.87E-08	1.40E-11	4.22E-11	2.44E-11	2.41E-11	2.18E-11	9.96E-12	9.68E-12	0.00E+00	0.00E+00	4.49E-12	8.18E-13	5.19E-12	8.00E-13	7.49E-13	1.20E-11
3705	491363.09	3851377.25	3.67E-08	3.62E-08	3.52E-08	1.27E-11	3.84E-11	2.22E-11	2.19E-11	1.99E-11	9.06E-12	8.80E-12	0.00E+00	0.00E+00	4.09E-12	7.44E-13	4.72E-12	7.28E-13	6.82E-13	1.10E-11
3706	491863.09	3851377.25	3.34E-08	3.30E-08	3.21E-08	1.16E-11	3.50E-11	2.02E-11	2.00E-11	1.81E-11	8.26E-12	8.02E-12	0.00E+00	0.00E+00	3.72E-12	6.78E-13	4.30E-12	6.63E-13	6.21E-13	9.99E-12
3707	492363.09	3851377.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	0.00E+00	0.00E+00	3.40E-12	6.20E-13	3.93E-12	6.07E-13	5.68E-13	9.13E-12
3708	492863.09	3851377.25	2.80E-08	2.76E-08	2.68E-08	9.69E-12	2.92E-11	1.69E-11	1.67E-11	1.51E-11	6.91E-12	6.71E-12	0.00E+00	0.00E+00	3.11E-12	5.67E-13	3.60E-12	5.55E-13	5.20E-13	8.35E-12
3709	493363.09	3851377.25	2.62E-08	2.58E-08	2.51E-08	9.05E-12	2.73E-11	1.58E-11	1.56E-11	1.42E-11	6.46E-12	6.27E-12	0.00E+00	0.00E+00	2.91E-12	5.30E-13	3.36E-12	5.19E-13	4.86E-13	7.81E-12
3710	493863.09	3851377.25	2.76E-08	2.72E-08	2.64E-08	9.55E-12	2.88E-11	1.67E-11	1.65E-11	1.49E-11	6.81E-12	6.62E-12	0.00E+00	0.00E+00	3.07E-12	5.59E-13	3.55E-12	5.47E-13	5.12E-13	8.24E-12
3711	494363.09	3851377.25	3.08E-08	3.04E-08	2.96E-08	1.07E-11	3.22E-11	1.87E-11	1.84E-11	1.67E-11	7.62E-12	7.40E-12	0.00E+00	0.00E+00	3.43E-12	6.25E-13	3.97E-12	6.12E-13	5.73E-13	9.21E-12
3712	494863.09	3851377.25	3.45E-08	3.40E-08	3.31E-08	1.19E-11	3.60E-11	2.09E-11	2.06E-11	1.87E-11	8.52E-12	8.27E-12	0.00E+00	0.00E+00	3.84E-12	6.99E-13	4.44E-12	6.84E-13	6.41E-13	1.03E-11
3713	495363.09	3851377.25	4.14E-08	4.08E-08	3.97E-08	1.43E-11	4.33E-11	2.50E-11	2.47E-11	2.24E-11	1.02E-11	9.93E-12	0.00E+00	0.00E+00	4.61E-12	8.39E-13	5.32E-12	8.21E-13	7.69E-13	1.24E-11
3714	495863.09	3851377.25	4.68E-08	4.62E-08	4.49E-08	1.62E-11	4.90E-11	2.83E-11	2.80E-11	2.54E-11	1.16E-11	1.12E-11	0.00E+00	0.00E+00	5.21E-12	9.50E-13	6.03E-12	9.29E-13	8.70E-13	1.40E-11
3715	496363.09	3851377.25	5.23E-08	5.16E-08	5.01E-08	1.81E-11	5.47E-11	3.17E-11	3.12E-11	2.83E-11	1.29E-11	1.25E-11	0.00E+00	0.00E+00	5.82E-12	1.06E-12	6.73E-12	1.04E-12	9.72E-13	1.56E-11
3716	496863.09	3851377.25	5.37E-08	5.30E-08	5.15E-08	1.86E-11	5.62E-11	3.25E-11	3.21E-11	2.91E-11	1.33E-11	1.29E-11	0.00E+00	0.00E+00	5.98E-12	1.09E-12	6.91E-12	1.07E-12	9.98E-13	1.60E-11
3717	497363.09	3851377.25	5.40E-08	5.33E-08	5.18E-08	1.87E-11	5.64E-11	3.27E-11	3.23E-11	2.92E-11	1.33E-11	1.30E-11	0.00E+00	0.00E+00	6.01E-12	1.09E-12	6.95E-12	1.07E-12	1.00E-12	1.61E-11
3718	497863.09	3851377.25	5.52E-08	5.45E-08	5.29E-08	1.91E-11	5.77E-11	3.34E-11	3.30E-11	2.99E-11	1.36E-11	1.32E-11	0.00E+00	0.00E+00	6.14E-12	1.12E-12	7.10E-12	1.09E-12	1.02E-12	1.65E-11
3719	498363.09	3851377.25	5.45E-08	5.38E-08	5.23E-08	1.89E-11	5.70E-11	3.30E-11	3.26E-11	2.95E-11	1.35E-11	1.31E-11	0.00E+00	0.00E+00	6.07E-12	1.11E-12	7.01E-12	1.08E-12	1.01E-12	1.63E-11
3720	471363.09	3851877.25	5.87E-08	5.79E-08	5.62E-08	2.03E-11	6.13E-11	3.55E-11	3.50E-11	3.18E-11	1.45E-11	1.41E-11	0.00E+00	0.00E+00	6.53E-12	1.19E-12	7.55E-12	1.16E-12	1.09E-12	1.75E-11
3721	471863.09	3851877.25	5.69E-08	5.61E-08	5.45E-08	1.97E-11	5.94E-11	3.44E-11	3.40E-11	3.08E-11	1.40E-11	1.36E-11	0.00E+00	0.00E+00	6.33E-12	1.15E-12	7.31E-12	1.13E-12	1.06E-12	1.70E-11
3722	472363.09	3851877.25	6.06E-08	5.99E-08	5.81E-08	2.10E-11	6.34E-11	3.67E-11	3.62E-11	3.28E-11	1.50E-11	1.45E-11	0.00E+00	0.00E+00	6.75E-12	1.23E-12	7.80E-12	1.20E-12	1.13E-12	1.81E-11
3723	472863.09	3851877.25	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	0.00E+00	0.00E+00	7.14E-12	1.30E-12	8.25E-12	1.27E-12	1.19E-12	1.92E-11
3724	473363.09	3851877.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	0.00E+00	0.00E+00	6.88E-12	1.25E-12	7.95E-12	1.23E-12	1.15E-12	1.85E-11
3725	473863.09	3851877.25	6.32E-08	6.24E-08	6.06E-08	2.19E-11	6.61E-11	3.83E-11	3.78E-11	3.42E-11	1.56E-11	1.52E-11	0.00E+00	0.00E+00	7.04E-12	1.28E-12	8.13E-12	1.25E-12	1.17E-12	1.89E-11
3726	474363.09	3851877.25	7.08E-08	6.99E-08	6.78E-08	2.45E-11	7.40E-11	4.28E-11	4.23E-11	3.83E-11	1.75E-11	1.70E-11	0.00E+00	0.00E+00	7.88E-12	1.43E-12	9.11E-12	1.40E-12	1.31E-12	2.11E-11
3727	474863.09	3851877.25	7.85E-08	7.74E-08	7.52E-08	2.72E-11	8.20E-11	4.75E-11	4.69E-11	4.25E-11	1.94E-11	1.88E-11	0.00E+00	0.00E+00	8.73E-12	1.59E-12	1.01E-11	1.56E-12	1.46E-12	2.34E-11
3728	475363.09	3851877.25	8.41E-08	8.30E-08	8.06E-08	2.91E-11	8.79E-11	5.09E-11	5.02E-11	4.55E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.36E-12	1.70E-12	1.08E-11	1.67E-12	1.56E-12	2.51E-11
3729	475863.09	3851877.25	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.16E-11	1.78E-12	1.67E-12	2.69E-11
3730	476363.09	3851877.25	9.36E-08	9.23E-08	8.97E-08	3.24E-11	9.78E-11	5.66E-11	5.59E-11	5.07E-11	2.31E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.90E-12	1.20E-11	1.86E-12	1.74E-12	2.79E-11
3731	476863.09	3851877.25	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.98E-12	1.85E-12	2.98E-11
3732	477363.09	3851877.25	1.04E-07	1.03E-07	9.97E-08	3.60E-11	1.09E-10	6.29E-11	6.21E-11	5.63E-11	2.57E-11	2.49E-11	0.00E+00	0.00E+00	1.16E-11	2.11E-12	1.34E-11	2.06E-12	1.93E-12	3.10E-11
3733	477863.09	3851877.25	1.09E-07	1.07E-07	1.04E-07	3.76E-11	1.14E-10	6.57E-11	6.49E-11	5.88E-11	2.68E-11	2.61E-11	0.00E+00	0.00E+00	1.21E-11	2.20E-12	1.40E-11	2.16E-12	2.02E-12	3.24E-11
3734	478363.09	3851877.25	1.12E-07	1.10E-07	1.07E-07	3.86E-11	1.17E-10	6.75E-11	6.66E-11	6.04E-11	2.75E-11	2.68E-11	0.00E+00	0.00E+00	1.24E-11	2.26E-12	1.43E-11	2.21E-12	2.07E-12	3.33E-11
3735	478863.09	3851877.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.04E-11	6.38E-11	2.91E-11	2.83E-11	0.00E+00	0.00E+00	1.31E-11	2.39E-12	1.52E-11	2.34E-12	2.19E-12	3.52E-11
3736	479363.09	3851877.25	1.25E-07	1.23E-07	1.19E-07	4.31E-11	1.30E-10	7.54E-11	7.44E-11	6.74E-11	3.08E-11	2.99E-11	0.00E+00	0.00E+00	1.39E-11	2.52E-12	1.60E-11	2.47E-12	2.31E-12	3.72E-11
3737	479863.09	3851877.25	1.29E-07	1.28E-07	1.24E-07	4.47E-11	1.35E-10	7.82E-11	7.72E-11	7.00E-11	3.19E-11	3.10E-11	0.00E+00	0.00E+00	1.44E-11	2.62E-12	1.66E-11	2.56E-12	2.40E-12	3.86E-11
3738	480363.09	3851877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.93E-11	7.83E-11	7.09E-11	3.24E-11	3.14E-11	0.00E+00	0.00E+00	1.46E-11	2.66E-12	1.69E-11	2.60E-12	2.43E-12	3.91E-11
3739	480863.09	3851877.25	1.34E-07	1.32E-07	1.28E-07	4.64E-11	1.40E-10	8.11E-11	8.00E-11	7.26E-11	3.31E-11	3.22E-11	0.00E+00	0.00E+00	1.49E-11	2.72E-12	1.72E-11	2.66E-12	2.49E-12	4.00E-11
3740	481363.09	3851877.25	1.44E-07	1.42E-07	1.38E-07	5.00E-11	1.51E-10	8.73E-11	8.62E-11	7.81E-11	3.56E-11	3.46E-11	0.00E+00	0.00E+00	1.61E-11	2.93E-12	1.86E-11	2.86E-12	2.68E-12	4.31E-11
3741	481863.09	3851877.25	1.56E-07	1.53E-07	1.49E-07	5.38E-11	1.63E-10	9.41E-11	9.29E-11	8.42E-11	3.84E-11	3.73E-11	0.00E+00	0.00E+00	1.73E-11	3.15E-12	2.00E-11	3.08E-12	2.89E-12	4.64E-11
3742	482363.09	3851877.25	1.45E-07	1.43E-07	1.39E-07	5.03E-11	1.52E-10	8.80E-11	8.68E-11	7.87E-11	3.59E-11	3.49E-11	0.00E+00	0.00E+00	1.62E-11	2.95E-12	1.87E-11	2.88E-12	2.70E-12	4.34E-11
3743	482863.09	3851877.25	1.20E-07	1.19E-07	1.15E-07	4.16E-11	1.26E-10	7.27E-11	7.17E-11	6.50E-11	2.97E-11	2.88E-11	0.00E+00	0.00E+00	1.34E-11	2.43E-12	1.54E-11	2.38E-12	2.23E-12	3.59E-11
3744	483363.09	3851877.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.15E-11	7.06E-11	6.40E-11	2.92E-11	2.83E-11	0.00E+00	0.00E+00	1.32E-11	2.40E-12	1.52E-11	2.34E-12	2.19E-12	3.53E-11
3745	483863.09	3851877.25	1.15E-07	1.13E-07	1.10E-07	3.97E-11	1.20E-10	6.94E-11	6.85E-11	6.21E-11	2.83E-11	2.75E-11	0.00E+00	0.00E+00	1.28E-11	2.32E-12	1.47E-11	2.27E-12	2.13E-12	3.42E-11
3746	484363.09	3851877.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	0.00E+00	0.00E+00	1.32E-11	2.41E-12	1.53E-11	2.36E-12	2.21E-12	3.55E-11
3747	484863.09	3851877.25	1.13E-07	1.11E-07	1.08E-07	3.90E-11	1.18E-10	6.81E-11	6.72E-11	6.09E-11	2.78E-11	2.70E-11	0.00E+00	0.00E+00	1.25E-11	2.28E-12	1.45E-11	2.23E-12	2.09E-12	3.36E-11
3748	485363.09	3851877.25	1.15E-07	1.13E-07	1.10E-07	3.96E-11	1.20E-10	6.93E-11	6.84E-11	6.20E-11	2.83E-11	2.75E-11	0.00E+00	0.00E+00	1.27E-11	2.32E-12	1.47E-11	2.27E-12	2.13E-12	3.42E-11
3749	485863.09	3851877.25	1.11E-07	1.09E-07	1.06E-07	3.84E-11	1.16E-10	6.71E-11	6.62E-11	6.00E-11	2.74E-11	2.66E-11	0.00E+00	0.00E+00	1.23E-11	2.25E-12	1.43E-11	2.20E-12	2.06E-12	3.31E-11
3750	486363.09	3851877.25	9.99E-08	9.86E-08	9.58E-08	3.46E-11	1.04E-10	6.05E-11	5.97E-11	5.41E-11	2.47E-11	2.40E-11	0.00E+00	0.00E+00	1.11E-11	2.03E-12	1.29E-11	1.98E-12	1.86E-12	2.98E-11
3751	486863.09	3851877.25	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
3752	487363.09	3851877.25	9.04E-08	8.93E-08	8.67E-08	3.13E-11	9.45E-11	5.47E-11	5.40E-11	4.90E-11	2.23E-11	2.17E-11	0.00E+00	0.00E+00	1.01E-11	1.83E-12	1.16E-11	1.79E-12	1.68E-12	2.70E-11
3753	487863.09	3851877.25	7.11E-08	7.01E-08	6.81E-08	2.46E-11	7.43E-11	4.30E-11	4.24E-11	3.85E-11	1.76E-11	1.70E-11	0.00E+00	0.00E+00	7.91E-12	1.44E-12	9.14E-12	1.41E-12	1.32E-12	2.12E-11
3754	488363.09	3851877.25	6.64E-08	6.55E-08	6.36E-08	2.30E-11	6.94E-11	4.02E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	0.00E+00	0.00E+00	7.39E-12	1.35E-12	8.54E-12	1.32E-12	1.23E-12	1.98E-11
3755	488863.09	3851877.25	5.57E-08	5.50E-08	5.34E-08	1.93E-11	5.82E-11	3.37E-11	3.33E-11	3.02E-11	1.38E-11	1.34E-11	0.00E+00	0.00E+00	6.20E-12	1.13E-12	7.16E-12	1.10E-12	1.03E-12	1.66E-11
3756	489363.09	3851877.25	5.11E-08	5.05E-08	4.90E-08	1.77E-11	5.35E-11	3.09E-11	3.05E-11	2.77E-11	1.26E-11	1.23E-11	0.00E+00	0.00E+00	5.69E-12	1.04E-12	6.58E-12	1.01E-12	9.50E-13	1.53E-11

3757	489863.09	3851877.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	0.00E+00	0.00E+00	5.08E-12	9.26E-13	5.88E-12	9.06E-13	8.48E-13	1.36E-11
3758	490363.09	3851877.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	0.00E+00	0.00E+00	4.97E-12	9.05E-13	5.74E-12	8.85E-13	8.29E-13	1.33E-11
3759	490863.09	3851877.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.71E-12	8.57E-13	5.44E-12	8.39E-13	7.86E-13	1.26E-11
3760	491363.09	3851877.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.71E-12	8.57E-13	5.44E-12	8.39E-13	7.86E-13	1.26E-11
3761	491863.09	3851877.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	0.00E+00	0.00E+00	4.42E-12	8.05E-13	5.11E-12	7.87E-13	7.37E-13	1.19E-11
3762	492363.09	3851877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	0.00E+00	0.00E+00	3.93E-12	7.15E-13	4.54E-12	7.00E-13	6.55E-13	1.05E-11
3763	492863.09	3851877.25	3.03E-08	2.99E-08	2.91E-08	1.05E-11	3.17E-11	1.83E-11	1.81E-11	1.64E-11	7.49E-12	7.27E-12	0.00E+00	0.00E+00	3.38E-12	6.15E-13	3.90E-12	6.01E-13	5.63E-13	9.05E-12
3764	493363.09	3851877.25	3.67E-08	3.62E-08	3.52E-08	1.27E-11	3.84E-11	2.22E-11	2.19E-11	1.99E-11	9.06E-12	8.80E-12	0.00E+00	0.00E+00	4.09E-12	7.44E-13	4.72E-12	7.28E-13	6.82E-13	1.10E-11
3765	493863.09	3851877.25	4.20E-08	4.15E-08	4.03E-08	1.46E-11	4.39E-11	2.54E-11	2.51E-11	2.28E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.68E-12	8.52E-13	5.41E-12	8.34E-13	7.81E-13	1.26E-11
3766	494363.09	3851877.25	4.19E-08	4.14E-08	4.02E-08	1.45E-11	4.38E-11	2.54E-11	2.50E-11	2.27E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.66E-12	8.49E-13	5.39E-12	8.31E-13	7.78E-13	1.25E-11
3767	494863.09	3851877.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.36E-12	9.76E-13	6.19E-12	9.55E-13	8.94E-13	1.44E-11
3768	495363.09	3851877.25	5.62E-08	5.55E-08	5.39E-08	1.95E-11	5.88E-11	3.40E-11	3.36E-11	3.04E-11	1.39E-11	1.35E-11	0.00E+00	0.00E+00	6.26E-12	1.14E-12	7.23E-12	1.12E-12	1.04E-12	1.68E-11
3769	495863.09	3851877.25	6.26E-08	6.18E-08	6.00E-08	2.17E-11	6.54E-11	3.79E-11	3.74E-11	3.39E-11	1.55E-11	1.50E-11	0.00E+00	0.00E+00	6.97E-12	1.27E-12	8.05E-12	1.24E-12	1.16E-12	1.87E-11
3770	496363.09	3851877.25	6.52E-08	6.43E-08	6.25E-08	2.26E-11	6.81E-11	3.94E-11	3.89E-11	3.53E-11	1.61E-11	1.56E-11	0.00E+00	0.00E+00	7.26E-12	1.32E-12	8.39E-12	1.29E-12	1.21E-12	1.95E-11
3771	496863.09	3851877.25	6.39E-08	6.31E-08	6.12E-08	2.21E-11	6.68E-11	3.87E-11	3.82E-11	3.46E-11	1.58E-11	1.53E-11	0.00E+00	0.00E+00	7.11E-12	1.30E-12	8.22E-12	1.27E-12	1.19E-12	1.91E-11
3772	497363.09	3851877.25	6.47E-08	6.38E-08	6.20E-08	2.24E-11	6.76E-11	3.91E-11	3.86E-11	3.50E-11	1.60E-11	1.55E-11	0.00E+00	0.00E+00	7.20E-12	1.31E-12	8.32E-12	1.28E-12	1.20E-12	1.93E-11
3773	497863.09	3851877.25	6.34E-08	6.25E-08	6.07E-08	2.19E-11	6.62E-11	3.83E-11	3.78E-11	3.43E-11	1.57E-11	1.52E-11	0.00E+00	0.00E+00	7.05E-12	1.28E-12	8.15E-12	1.26E-12	1.18E-12	1.89E-11
3774	498363.09	3851877.25	6.27E-08	6.19E-08	6.01E-08	2.17E-11	6.56E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.50E-11	0.00E+00	0.00E+00	6.98E-12	1.27E-12	8.07E-12	1.24E-12	1.16E-12	1.87E-11
3775	471363.09	3852377.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.45E-12	1.17E-12	7.45E-12	1.15E-12	1.08E-12	1.73E-11
3776	471863.09	3852377.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	0.00E+00	0.00E+00	7.00E-12	1.27E-12	8.08E-12	1.25E-12	1.17E-12	1.88E-11
3777	472363.09	3852377.25	6.56E-08	6.47E-08	6.29E-08	2.27E-11	6.86E-11	3.97E-11	3.92E-11	3.55E-11	1.62E-11	1.57E-11	0.00E+00	0.00E+00	7.30E-12	1.33E-12	8.44E-12	1.30E-12	1.22E-12	1.96E-11
3778	472863.09	3852377.25	6.74E-08	6.65E-08	6.46E-08	2.33E-11	7.05E-11	4.08E-11	4.03E-11	3.65E-11	1.67E-11	1.62E-11	0.00E+00	0.00E+00	7.50E-12	1.37E-12	8.67E-12	1.34E-12	1.25E-12	2.01E-11
3779	473363.09	3852377.25	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.56E-12	1.38E-12	8.74E-12	1.35E-12	1.26E-12	2.03E-11
3780	473863.09	3852377.25	6.81E-08	6.72E-08	6.52E-08	2.36E-11	7.11E-11	4.12E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.58E-12	1.38E-12	8.75E-12	1.35E-12	1.26E-12	2.03E-11
3781	474363.09	3852377.25	6.92E-08	6.83E-08	6.64E-08	2.40E-11	7.24E-11	4.19E-11	4.13E-11	3.75E-11	1.71E-11	1.66E-11	0.00E+00	0.00E+00	7.71E-12	1.40E-12	8.90E-12	1.37E-12	1.29E-12	2.07E-11
3782	474863.09	3852377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
3783	475363.09	3852377.25	8.29E-08	8.18E-08	7.94E-08	2.87E-11	8.66E-11	5.02E-11	4.95E-11	4.49E-11	2.05E-11	1.99E-11	0.00E+00	0.00E+00	9.23E-12	1.68E-12	1.07E-11	1.64E-12	1.54E-12	2.48E-11
3784	475863.09	3852377.25	8.51E-08	8.40E-08	8.16E-08	2.95E-11	8.90E-11	5.15E-11	5.08E-11	4.61E-11	2.10E-11	2.04E-11	0.00E+00	0.00E+00	9.47E-12	1.73E-12	1.09E-11	1.69E-12	1.58E-12	2.54E-11
3785	476363.09	3852377.25	8.64E-08	8.53E-08	8.28E-08	2.99E-11	9.03E-11	5.23E-11	5.16E-11	4.68E-11	2.13E-11	2.07E-11	0.00E+00	0.00E+00	9.62E-12	1.75E-12	1.11E-11	1.71E-12	1.60E-12	2.58E-11
3786	476863.09	3852377.25	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
3787	477363.09	3852377.25	9.92E-08	9.79E-08	9.50E-08	3.43E-11	1.04E-10	6.00E-11	5.92E-11	5.37E-11	2.45E-11	2.38E-11	0.00E+00	0.00E+00	1.10E-11	2.01E-12	1.28E-11	1.97E-12	1.84E-12	2.96E-11
3788	477863.09	3852377.25	9.33E-08	9.21E-08	8.94E-08	3.23E-11	9.75E-11	5.65E-11	5.57E-11	5.05E-11	2.30E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.79E-11
3789	478363.09	3852377.25	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	0.00E+00	0.00E+00	9.81E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
3790	478863.09	3852377.25	1.04E-07	1.03E-07	9.98E-08	3.60E-11	1.09E-10	6.30E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	0.00E+00	0.00E+00	1.16E-11	2.11E-12	1.34E-11	2.06E-12	1.93E-12	3.11E-11
3791	479363.09	3852377.25	1.15E-07	1.13E-07	1.10E-07	3.97E-11	1.20E-10	6.94E-11	6.85E-11	6.21E-11	2.84E-11	2.75E-11	0.00E+00	0.00E+00	1.28E-11	2.33E-12	1.48E-11	2.28E-12	2.13E-12	3.43E-11
3792	479863.09	3852377.25	1.32E-07	1.31E-07	1.27E-07	4.58E-11	1.38E-10	8.01E-11	7.90E-11	7.16E-11	3.27E-11	3.17E-11	0.00E+00	0.00E+00	1.47E-11	2.68E-12	1.70E-11	2.63E-12	2.46E-12	3.95E-11
3793	480363.09	3852377.25	1.44E-07	1.42E-07	1.38E-07	5.00E-11	1.51E-10	8.73E-11	8.62E-11	7.81E-11	3.56E-11	3.46E-11	0.00E+00	0.00E+00	1.61E-11	2.93E-12	1.86E-11	2.86E-12	2.68E-12	4.31E-11
3794	480863.09	3852377.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.90E-11	8.78E-11	7.96E-11	3.63E-11	3.53E-11	0.00E+00	0.00E+00	1.64E-11	2.98E-12	1.89E-11	2.92E-12	2.73E-12	4.39E-11
3795	481363.09	3852377.25	1.50E-07	1.48E-07	1.44E-07	5.19E-11	1.57E-10	9.07E-11	8.95E-11	8.12E-11	3.70E-11	3.60E-11	0.00E+00	0.00E+00	1.67E-11	3.04E-12	1.93E-11	2.97E-12	2.78E-12	4.48E-11
3796	481863.09	3852377.25	1.61E-07	1.59E-07	1.54E-07	5.57E-11	1.68E-10	9.74E-11	9.61E-11	8.71E-11	3.98E-11	3.86E-11	0.00E+00	0.00E+00	1.79E-11	3.26E-12	2.07E-11	3.19E-12	2.99E-12	4.81E-11
3797	482363.09	3852377.25	1.75E-07	1.73E-07	1.68E-07	6.05E-11	1.83E-10	1.06E-10	1.04E-10	9.47E-11	4.32E-11	4.20E-11	0.00E+00	0.00E+00	1.95E-11	3.55E-12	2.25E-11	3.47E-12	3.25E-12	5.22E-11
3798	482863.09	3852377.25	1.76E-07	1.74E-07	1.69E-07	6.11E-11	1.84E-10	1.07E-10	1.05E-10	9.55E-11	4.36E-11	4.23E-11	0.00E+00	0.00E+00	1.96E-11	3.58E-12	2.27E-11	3.50E-12	3.28E-12	5.27E-11
3799	483363.09	3852377.25	1.53E-07	1.51E-07	1.46E-07	5.28E-11	1.59E-10	9.23E-11	9.11E-11	8.26E-11	3.77E-11	3.66E-11	0.00E+00	0.00E+00	1.70E-11	3.09E-12	1.96E-11	3.03E-12	2.83E-12	4.55E-11
3800	483863.09	3852377.25	1.29E-07	1.27E-07	1.24E-07	4.47E-11	1.35E-10	7.81E-11	7.71E-11	6.99E-11	3.19E-11	3.10E-11	0.00E+00	0.00E+00	1.44E-11	2.62E-12	1.66E-11	2.56E-12	2.40E-12	3.85E-11
3801	484363.09	3852377.25	1.44E-07	1.42E-07	1.38E-07	5.00E-11	1.51E-10	8.73E-11	8.62E-11	7.81E-11	3.56E-11	3.46E-11	0.00E+00	0.00E+00	1.61E-11	2.93E-12	1.86E-11	2.86E-12	2.68E-12	4.31E-11
3802	484863.09	3852377.25	1.45E-07	1.43E-07	1.39E-07	5.02E-11	1.52E-10	8.78E-11	8.66E-11	7.85E-11	3.58E-11	3.48E-11	0.00E+00	0.00E+00	1.62E-11	2.94E-12	1.87E-11	2.88E-12	2.69E-12	4.33E-11
3803	485363.09	3852377.25	1.50E-07	1.48E-07	1.44E-07	5.20E-11	1.57E-10	9.09E-11	8.97E-11	8.13E-11	3.71E-11	3.60E-11	0.00E+00	0.00E+00	1.67E-11	3.04E-12	1.93E-11	2.98E-12	2.79E-12	4.48E-11
3804	485863.09	3852377.25	1.36E-07	1.35E-07	1.31E-07	4.72E-11	1.43E-10	8.25E-11	8.14E-11	7.38E-11	3.37E-11	3.27E-11	0.00E+00	0.00E+00	1.52E-11	2.76E-12	1.75E-11	2.71E-12	2.53E-12	4.07E-11
3805	486363.09	3852377.25	1.14E-07	1.12E-07	1.09E-07	3.93E-11	1.19E-10	6.87E-11	6.78E-11	6.15E-11	2.81E-11	2.73E-11	0.00E+00	0.00E+00	1.26E-11	2.30E-12	1.46E-11	2.25E-12	2.11E-12	3.39E-11
3806	486863.09	3852377.25	1.06E-07	1.05E-07	1.02E-07	3.67E-11	1.11E-10	6.42E-11	6.33E-11	5.74E-11	2.62E-11	2.54E-11	0.00E+00	0.00E+00	1.18E-11	2.15E-12	1.36E-11	2.10E-12	1.97E-12	3.17E-11
3807	487363.09	3852377.25	9.45E-08	9.32E-08	9.05E-08	3.27E-11	9.87E-11	5.72E-11	5.64E-11	5.11E-11	2.33E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.87E-12	1.75E-12	2.82E-11
3808	487863.09	3852377.25	7.94E-08	7.83E-08	7.61E-08	2.75E-11	8.30E-11	4.80E-11	4.74E-11	4.30E-11	1.96E-11	1.90E-11	0.00E+00	0.00E+00	8.84E-12	1.61E-12	1.02E-11	1.57E-12	1.47E-12	2.37E-11
3809	488363.09	3852377.25	6.66E-08	6.58E-08	6.39E-08	2.31E-11	6.96E-11	4.03E-11	3.98E-11	3.61E-11	1.65E-11	1.60E-11	0.00E+00	0.00E+00	7.42E-12	1.35E-12	8.57E-12	1.32E-12	1.24E-12	1.99E-11

3810	488863.09	3852377.25	5.39E-08	5.32E-08	5.16E-08	1.86E-11	5.63E-11	3.26E-11	3.22E-11	2.92E-11	1.33E-11	1.29E-11	0.00E+00	0.00E+00	6.00E-12	1.09E-12	6.93E-12	1.07E-12	1.00E-12	1.61E-11
3811	489363.09	3852377.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	0.00E+00	0.00E+00	5.43E-12	9.89E-13	6.28E-12	9.68E-13	9.06E-13	1.46E-11
3812	489863.09	3852377.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	0.00E+00	0.00E+00	4.71E-12	8.57E-13	5.44E-12	8.39E-13	7.86E-13	1.26E-11
3813	490363.09	3852377.25	4.41E-08	4.35E-08	4.23E-08	1.53E-11	4.61E-11	2.67E-11	2.63E-11	2.39E-11	1.09E-11	1.06E-11	0.00E+00	0.00E+00	4.91E-12	8.94E-13	5.67E-12	8.75E-13	8.19E-13	1.32E-11
3814	490863.09	3852377.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	0.00E+00	0.00E+00	4.97E-12	9.05E-13	5.74E-12	8.85E-13	8.29E-13	1.33E-11
3815	491363.09	3852377.25	5.15E-08	5.09E-08	4.94E-08	1.78E-11	5.39E-11	3.12E-11	3.08E-11	2.79E-11	1.27E-11	1.24E-11	0.00E+00	0.00E+00	5.74E-12	1.04E-12	6.63E-12	1.02E-12	9.57E-13	1.54E-11
3816	491863.09	3852377.25	4.84E-08	4.78E-08	4.64E-08	1.68E-11	5.06E-11	2.93E-11	2.89E-11	2.62E-11	1.20E-11	1.16E-11	0.00E+00	0.00E+00	5.39E-12	9.81E-13	6.23E-12	9.60E-13	8.99E-13	1.45E-11
3817	492363.09	3852377.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	0.00E+00	0.00E+00	5.08E-12	9.26E-13	5.88E-12	9.06E-13	8.48E-13	1.36E-11
3818	492863.09	3852377.25	5.02E-08	4.96E-08	4.81E-08	1.74E-11	5.25E-11	3.04E-11	3.00E-11	2.72E-11	1.24E-11	1.20E-11	0.00E+00	0.00E+00	5.59E-12	1.02E-12	6.46E-12	9.96E-13	9.33E-13	1.50E-11
3819	493363.09	3852377.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.45E-12	1.17E-12	7.45E-12	1.15E-12	1.08E-12	1.73E-11
3820	493863.09	3852377.25	5.47E-08	5.39E-08	5.24E-08	1.89E-11	5.71E-11	3.31E-11	3.26E-11	2.96E-11	1.35E-11	1.31E-11	0.00E+00	0.00E+00	6.08E-12	1.11E-12	7.03E-12	1.08E-12	1.02E-12	1.63E-11
3821	494363.09	3852377.25	5.99E-08	5.91E-08	5.74E-08	2.07E-11	6.26E-11	3.62E-11	3.57E-11	3.24E-11	1.48E-11	1.44E-11	0.00E+00	0.00E+00	6.66E-12	1.21E-12	7.70E-12	1.19E-12	1.11E-12	1.79E-11
3822	494863.09	3852377.25	6.62E-08	6.54E-08	6.35E-08	2.29E-11	6.92E-11	4.01E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	0.00E+00	0.00E+00	7.37E-12	1.34E-12	8.52E-12	1.31E-12	1.23E-12	1.98E-11
3823	495363.09	3852377.25	7.68E-08	7.58E-08	7.36E-08	2.66E-11	8.03E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	0.00E+00	0.00E+00	8.55E-12	1.56E-12	9.88E-12	1.52E-12	1.43E-12	2.29E-11
3824	495863.09	3852377.25	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	0.00E+00	0.00E+00	8.85E-12	1.61E-12	1.02E-11	1.58E-12	1.48E-12	2.37E-11
3825	496363.09	3852377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	0.00E+00	0.00E+00	8.50E-12	1.55E-12	9.83E-12	1.52E-12	1.42E-12	2.28E-11
3826	496863.09	3852377.25	7.77E-08	7.67E-08	7.45E-08	2.69E-11	8.12E-11	4.70E-11	4.64E-11	4.21E-11	1.92E-11	1.86E-11	0.00E+00	0.00E+00	8.65E-12	1.57E-12	9.99E-12	1.54E-12	1.44E-12	2.32E-11
3827	497363.09	3852377.25	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	0.00E+00	0.00E+00	8.31E-12	1.51E-12	9.61E-12	1.48E-12	1.39E-12	2.23E-11
3828	497863.09	3852377.25	7.25E-08	7.15E-08	6.95E-08	2.51E-11	7.58E-11	4.39E-11	4.33E-11	3.92E-11	1.79E-11	1.74E-11	0.00E+00	0.00E+00	8.07E-12	1.47E-12	9.32E-12	1.44E-12	1.35E-12	2.16E-11
3829	498363.09	3852377.25	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	0.00E+00	0.00E+00	8.20E-12	1.49E-12	9.47E-12	1.46E-12	1.37E-12	2.20E-11
3830	471363.09	3852877.25	6.09E-08	6.01E-08	5.84E-08	2.11E-11	6.37E-11	3.69E-11	3.64E-11	3.30E-11	1.50E-11	1.46E-11	0.00E+00	0.00E+00	6.78E-12	1.23E-12	7.83E-12	1.21E-12	1.13E-12	1.82E-11
3831	471863.09	3852877.25	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	0.00E+00	0.00E+00	7.33E-12	1.33E-12	8.47E-12	1.31E-12	1.22E-12	1.97E-11
3832	472363.09	3852877.25	7.03E-08	6.94E-08	6.73E-08	2.43E-11	7.34E-11	4.25E-11	4.20E-11	3.80E-11	1.74E-11	1.69E-11	0.00E+00	0.00E+00	7.82E-12	1.42E-12	9.04E-12	1.39E-12	1.31E-12	2.10E-11
3833	472863.09	3852877.25	7.35E-08	7.26E-08	7.05E-08	2.55E-11	7.68E-11	4.45E-11	4.39E-11	3.98E-11	1.82E-11	1.76E-11	0.00E+00	0.00E+00	8.18E-12	1.49E-12	9.46E-12	1.46E-12	1.37E-12	2.20E-11
3834	473363.09	3852877.25	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	0.00E+00	0.00E+00	8.53E-12	1.55E-12	9.86E-12	1.52E-12	1.42E-12	2.29E-11
3835	473863.09	3852877.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	0.00E+00	0.00E+00	8.89E-12	1.62E-12	1.03E-11	1.58E-12	1.48E-12	2.39E-11
3836	474363.09	3852877.25	8.24E-08	8.13E-08	7.89E-08	2.85E-11	8.61E-11	4.98E-11	4.92E-11	4.46E-11	2.03E-11	1.98E-11	0.00E+00	0.00E+00	9.17E-12	1.67E-12	1.06E-11	1.63E-12	1.53E-12	2.46E-11
3837	474863.09	3852877.25	7.86E-08	7.76E-08	7.53E-08	2.72E-11	8.22E-11	4.76E-11	4.69E-11	4.25E-11	1.94E-11	1.89E-11	0.00E+00	0.00E+00	8.75E-12	1.59E-12	1.01E-11	1.56E-12	1.46E-12	2.35E-11
3838	475363.09	3852877.25	8.26E-08	8.16E-08	7.92E-08	2.86E-11	8.64E-11	5.00E-11	4.93E-11	4.47E-11	2.04E-11	1.98E-11	0.00E+00	0.00E+00	9.20E-12	1.68E-12	1.06E-11	1.64E-12	1.53E-12	2.47E-11
3839	475863.09	3852877.25	8.45E-08	8.34E-08	8.09E-08	2.92E-11	8.83E-11	5.11E-11	5.04E-11	4.57E-11	2.09E-11	2.03E-11	0.00E+00	0.00E+00	9.40E-12	1.71E-12	1.09E-11	1.68E-12	1.57E-12	2.52E-11
3840	476363.09	3852877.25	8.28E-08	8.17E-08	7.93E-08	2.87E-11	8.65E-11	5.01E-11	4.94E-11	4.48E-11	2.04E-11	1.99E-11	0.00E+00	0.00E+00	9.21E-12	1.68E-12	1.06E-11	1.64E-12	1.54E-12	2.47E-11
3841	476863.09	3852877.25	7.78E-08	7.68E-08	7.46E-08	2.69E-11	8.13E-11	4.71E-11	4.65E-11	4.21E-11	1.92E-11	1.87E-11	0.00E+00	0.00E+00	8.66E-12	1.58E-12	1.00E-11	1.54E-12	1.45E-12	2.32E-11
3842	477363.09	3852877.25	7.42E-08	7.32E-08	7.11E-08	2.57E-11	7.75E-11	4.49E-11	4.43E-11	4.02E-11	1.83E-11	1.78E-11	0.00E+00	0.00E+00	8.26E-12	1.50E-12	9.54E-12	1.47E-12	1.38E-12	2.22E-11
3843	477863.09	3852877.25	7.08E-08	6.99E-08	6.78E-08	2.45E-11	7.40E-11	4.28E-11	4.23E-11	3.83E-11	1.75E-11	1.70E-11	0.00E+00	0.00E+00	7.88E-12	1.43E-12	9.11E-12	1.40E-12	1.31E-12	2.11E-11
3844	478363.09	3852877.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	0.00E+00	0.00E+00	6.58E-12	1.20E-12	7.60E-12	1.17E-12	1.10E-12	1.76E-11
3845	478863.09	3852877.25	6.90E-08	6.81E-08	6.61E-08	2.39E-11	7.21E-11	4.17E-11	4.12E-11	3.73E-11	1.70E-11	1.65E-11	0.00E+00	0.00E+00	7.68E-12	1.40E-12	8.87E-12	1.37E-12	1.28E-12	2.06E-11
3846	479363.09	3852877.25	8.86E-08	8.75E-08	8.49E-08	3.07E-11	9.26E-11	5.36E-11	5.29E-11	4.80E-11	2.19E-11	2.13E-11	0.00E+00	0.00E+00	9.86E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
3847	479863.09	3852877.25	1.27E-07	1.25E-07	1.21E-07	4.39E-11	1.32E-10	7.67E-11	7.57E-11	6.86E-11	3.13E-11	3.04E-11	0.00E+00	0.00E+00	1.41E-11	2.57E-12	1.63E-11	2.51E-12	2.35E-12	3.78E-11
3848	480363.09	3852877.25	1.52E-07	1.50E-07	1.46E-07	5.27E-11	1.59E-10	9.20E-11	9.08E-11	8.24E-11	3.76E-11	3.65E-11	0.00E+00	0.00E+00	1.69E-11	3.08E-12	1.96E-11	3.02E-12	2.83E-12	4.54E-11
3849	480863.09	3852877.25	1.59E-07	1.57E-07	1.52E-07	5.50E-11	1.66E-10	9.62E-11	9.50E-11	8.61E-11	3.93E-11	3.81E-11	0.00E+00	0.00E+00	1.77E-11	3.22E-12	2.05E-11	3.15E-12	2.95E-12	4.75E-11
3850	481363.09	3852877.25	1.67E-07	1.65E-07	1.61E-07	5.80E-11	1.75E-10	1.01E-10	1.00E-10	9.07E-11	4.14E-11	4.02E-11	0.00E+00	0.00E+00	1.86E-11	3.39E-12	2.15E-11	3.32E-12	3.11E-12	5.00E-11
3851	481863.09	3852877.25	1.70E-07	1.68E-07	1.63E-07	5.90E-11	1.78E-10	1.03E-10	1.02E-10	9.22E-11	4.21E-11	4.09E-11	0.00E+00	0.00E+00	1.90E-11	3.45E-12	2.19E-11	3.38E-12	3.16E-12	5.09E-11
3852	482363.09	3852877.25	1.81E-07	1.79E-07	1.74E-07	6.27E-11	1.89E-10	1.10E-10	1.08E-10	9.81E-11	4.47E-11	4.35E-11	0.00E+00	0.00E+00	2.02E-11	3.67E-12	2.33E-11	3.59E-12	3.36E-12	5.41E-11
3853	482863.09	3852877.25	1.98E-07	1.96E-07	1.90E-07	6.87E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.90E-11	4.76E-11	0.00E+00	0.00E+00	2.21E-11	4.02E-12	2.55E-11	3.93E-12	3.68E-12	5.92E-11
3854	483363.09	3852877.25	1.99E-07	1.97E-07	1.91E-07	6.90E-11	2.08E-10	1.21E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	0.00E+00	0.00E+00	2.22E-11	4.04E-12	2.56E-11	3.95E-12	3.70E-12	5.95E-11
3855	483863.09	3852877.25	1.67E-07	1.64E-07	1.60E-07	5.77E-11	1.74E-10	1.01E-10	9.95E-11	9.02E-11	4.11E-11	4.00E-11	0.00E+00	0.00E+00	1.85E-11	3.38E-12	2.14E-11	3.30E-12	3.09E-12	4.97E-11
3856	484363.09	3852877.25	1.72E-07	1.70E-07	1.65E-07	5.97E-11	1.80E-10	1.04E-10	1.03E-10	9.33E-11	4.26E-11	4.14E-11	0.00E+00	0.00E+00	1.92E-11	3.50E-12	2.22E-11	3.42E-12	3.20E-12	5.15E-11
3857	484863.09	3852877.25	1.82E-07	1.79E-07	1.74E-07	6.28E-11	1.90E-10	1.10E-10	1.08E-10	9.83E-11	4.48E-11	4.35E-11	0.00E+00	0.00E+00	2.02E-11	3.68E-12	2.33E-11	3.60E-12	3.37E-12	5.42E-11
3858	485363.09	3852877.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.52E-10	8.83E-11	8.71E-11	7.90E-11	3.60E-11	3.50E-11	0.00E+00	0.00E+00	1.62E-11	2.96E-12	1.88E-11	2.89E-12	2.71E-12	4.36E-11
3859	485863.09	3852877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.94E-11	7.83E-11	7.10E-11	3.24E-11	3.15E-11	0.00E+00	0.00E+00	1.46E-11	2.66E-12	1.69E-11	2.60E-12	2.44E-12	3.92E-11
3860	486363.09	3852877.25	1.10E-07	1.08E-07	1.05E-07	3.80E-11	1.15E-10	6.64E-11	6.55E-11	5.94E-11	2.71E-11	2.63E-11	0.00E+00	0.00E+00	1.22E-11	2.22E-12	1.41E-11	2.18E-12	2.04E-12	3.28E-11
3861	486863.09	3852877.25	1.01E-07	1.00E-07	9.72E-08	3.51E-11	1.06E-10	6.13E-11	6.05E-11	5.49E-11	2.50E-11	2.43E-11	0.00E+00	0.00E+00	1.13E-11	2.05E-12	1.30E-11	2.01E-12	1.88E-12	3.03E-11
3862	487363.09	3852877.25	8.80E-08	8.68E-08	8.43E-08	3.05E-11	9.19E-11	5.32E-11	5.25E-11	4.76E-11	2.17E-11	2.11E-11	0.00E+00	0.00E+00	9.79E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.63E-11

3863	487863.09	3852877.25	7.83E-08	7.73E-08	7.51E-08	2.71E-11	8.19E-11	4.74E-11	4.68E-11	4.24E-11	1.94E-11	1.88E-11	0.00E+00	0.00E+00	8.72E-12	1.59E-12	1.01E-11	1.55E-12	1.46E-12	2.34E-11
3864	488363.09	3852877.25	5.27E-08	5.20E-08	5.05E-08	1.82E-11	5.51E-11	3.19E-11	3.15E-11	2.85E-11	1.30E-11	1.26E-11	0.00E+00	0.00E+00	5.87E-12	1.07E-12	6.78E-12	1.05E-12	9.79E-13	1.57E-11
3865	488863.09	3852877.25	5.18E-08	5.11E-08	4.96E-08	1.79E-11	5.41E-11	3.13E-11	3.09E-11	2.80E-11	1.28E-11	1.24E-11	0.00E+00	0.00E+00	5.77E-12	1.05E-12	6.66E-12	1.03E-12	9.62E-13	1.55E-11
3866	489363.09	3852877.25	5.08E-08	5.01E-08	4.86E-08	1.76E-11	5.30E-11	3.07E-11	3.03E-11	2.75E-11	1.25E-11	1.22E-11	0.00E+00	0.00E+00	5.65E-12	1.03E-12	6.53E-12	1.01E-12	9.43E-13	1.52E-11
3867	489863.09	3852877.25	4.92E-08	4.85E-08	4.71E-08	1.70E-11	5.14E-11	2.98E-11	2.94E-11	2.66E-11	1.22E-11	1.18E-11	0.00E+00	0.00E+00	5.48E-12	9.97E-13	6.33E-12	9.76E-13	9.14E-13	1.47E-11
3868	490363.09	3852877.25	5.90E-08	5.82E-08	5.65E-08	2.04E-11	6.16E-11	3.57E-11	3.52E-11	3.19E-11	1.46E-11	1.41E-11	0.00E+00	0.00E+00	6.56E-12	1.19E-12	7.58E-12	1.17E-12	1.09E-12	1.76E-11
3869	490863.09	3852877.25	6.38E-08	6.29E-08	6.11E-08	2.21E-11	6.66E-11	3.86E-11	3.81E-11	3.45E-11	1.58E-11	1.53E-11	0.00E+00	0.00E+00	7.10E-12	1.29E-12	8.20E-12	1.26E-12	1.18E-12	1.90E-11
3870	491363.09	3852877.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	0.00E+00	0.00E+00	7.36E-12	1.34E-12	8.50E-12	1.31E-12	1.23E-12	1.97E-11
3871	491863.09	3852877.25	6.21E-08	6.13E-08	5.95E-08	2.15E-11	6.49E-11	3.76E-11	3.71E-11	3.36E-11	1.53E-11	1.49E-11	0.00E+00	0.00E+00	6.91E-12	1.26E-12	7.98E-12	1.23E-12	1.15E-12	1.85E-11
3872	492363.09	3852877.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	0.00E+00	0.00E+00	7.00E-12	1.27E-12	8.08E-12	1.25E-12	1.17E-12	1.88E-11
3873	492863.09	3852877.25	7.12E-08	7.03E-08	6.82E-08	2.46E-11	7.44E-11	4.31E-11	4.25E-11	3.85E-11	1.76E-11	1.71E-11	0.00E+00	0.00E+00	7.92E-12	1.44E-12	9.16E-12	1.41E-12	1.32E-12	2.13E-11
3874	493363.09	3852877.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	0.00E+00	0.00E+00	8.49E-12	1.55E-12	9.81E-12	1.51E-12	1.42E-12	2.28E-11
3875	493863.09	3852877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	0.00E+00	0.00E+00	8.92E-12	1.62E-12	1.03E-11	1.59E-12	1.49E-12	2.39E-11
3876	494363.09	3852877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	0.00E+00	0.00E+00	8.92E-12	1.62E-12	1.03E-11	1.59E-12	1.49E-12	2.39E-11
3877	494863.09	3852877.25	9.24E-08	9.12E-08	8.86E-08	3.20E-11	9.66E-11	5.59E-11	5.52E-11	5.00E-11	2.28E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.87E-12	1.19E-11	1.83E-12	1.72E-12	2.76E-11
3878	495363.09	3852877.25	9.49E-08	9.36E-08	9.09E-08	3.28E-11	9.92E-11	5.74E-11	5.67E-11	5.14E-11	2.34E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
3879	495863.09	3852877.25	9.10E-08	8.98E-08	8.72E-08	3.15E-11	9.51E-11	5.50E-11	5.43E-11	4.92E-11	2.25E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.69E-12	2.72E-11
3880	496363.09	3852877.25	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
3881	496863.09	3852877.25	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.92E-12	1.80E-12	2.90E-11
3882	497363.09	3852877.25	9.04E-08	8.93E-08	8.67E-08	3.13E-11	9.45E-11	5.47E-11	5.40E-11	4.90E-11	2.23E-11	2.17E-11	0.00E+00	0.00E+00	1.01E-11	1.83E-12	1.16E-11	1.79E-12	1.68E-12	2.70E-11
3883	497863.09	3852877.25	8.07E-08	7.96E-08	7.73E-08	2.79E-11	8.43E-11	4.88E-11	4.82E-11	4.37E-11	1.99E-11	1.94E-11	0.00E+00	0.00E+00	8.98E-12	1.64E-12	1.04E-11	1.60E-12	1.50E-12	2.41E-11
3884	498363.09	3852877.25	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.68E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.60E-11
3885	471363.09	3853377.25	6.14E-08	6.06E-08	5.89E-08	2.13E-11	6.42E-11	3.72E-11	3.67E-11	3.33E-11	1.52E-11	1.47E-11	0.00E+00	0.00E+00	6.84E-12	1.25E-12	7.90E-12	1.22E-12	1.14E-12	1.83E-11
3886	471863.09	3853377.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	0.00E+00	0.00E+00	7.36E-12	1.34E-12	8.50E-12	1.31E-12	1.23E-12	1.97E-11
3887	472363.09	3853377.25	7.08E-08	6.99E-08	6.78E-08	2.45E-11	7.40E-11	4.28E-11	4.23E-11	3.83E-11	1.75E-11	1.70E-11	0.00E+00	0.00E+00	7.88E-12	1.43E-12	9.11E-12	1.40E-12	1.31E-12	2.11E-11
3888	472863.09	3853377.25	7.55E-08	7.45E-08	7.23E-08	2.61E-11	7.89E-11	4.57E-11	4.51E-11	4.09E-11	1.86E-11	1.81E-11	0.00E+00	0.00E+00	8.40E-12	1.53E-12	9.71E-12	1.50E-12	1.40E-12	2.25E-11
3889	473363.09	3853377.25	7.90E-08	7.80E-08	7.57E-08	2.73E-11	8.26E-11	4.78E-11	4.72E-11	4.28E-11	1.95E-11	1.89E-11	0.00E+00	0.00E+00	8.79E-12	1.60E-12	1.02E-11	1.57E-12	1.47E-12	2.36E-11
3890	473863.09	3853377.25	8.26E-08	8.16E-08	7.92E-08	2.86E-11	8.64E-11	5.00E-11	4.93E-11	4.47E-11	2.04E-11	1.98E-11	0.00E+00	0.00E+00	9.20E-12	1.68E-12	1.06E-11	1.64E-12	1.53E-12	2.47E-11
3891	474363.09	3853377.25	8.56E-08	8.45E-08	8.21E-08	2.96E-11	8.95E-11	5.18E-11	5.11E-11	4.64E-11	2.12E-11	2.05E-11	0.00E+00	0.00E+00	9.53E-12	1.74E-12	1.10E-11	1.70E-12	1.59E-12	2.56E-11
3892	474863.09	3853377.25	8.46E-08	8.35E-08	8.11E-08	2.93E-11	8.84E-11	5.12E-11	5.05E-11	4.58E-11	2.09E-11	2.03E-11	0.00E+00	0.00E+00	9.42E-12	1.71E-12	1.09E-11	1.68E-12	1.57E-12	2.53E-11
3893	475363.09	3853377.25	8.41E-08	8.30E-08	8.06E-08	2.91E-11	8.79E-11	5.09E-11	5.02E-11	4.55E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.36E-12	1.70E-12	1.08E-11	1.67E-12	1.56E-12	2.51E-11
3894	475863.09	3853377.25	8.28E-08	8.17E-08	7.93E-08	2.87E-11	8.65E-11	5.01E-11	4.94E-11	4.48E-11	2.04E-11	1.99E-11	0.00E+00	0.00E+00	9.21E-12	1.68E-12	1.06E-11	1.64E-12	1.54E-12	2.47E-11
3895	476363.09	3853377.25	7.78E-08	7.68E-08	7.46E-08	2.69E-11	8.13E-11	4.71E-11	4.65E-11	4.21E-11	1.92E-11	1.87E-11	0.00E+00	0.00E+00	8.66E-12	1.58E-12	1.00E-11	1.54E-12	1.45E-12	2.32E-11
3896	476863.09	3853377.25	6.96E-08	6.87E-08	6.67E-08	2.41E-11	7.28E-11	4.21E-11	4.16E-11	3.77E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.75E-12	1.41E-12	8.95E-12	1.38E-12	1.29E-12	2.08E-11
3897	477363.09	3853377.25	6.81E-08	6.72E-08	6.52E-08	2.36E-11	7.11E-11	4.12E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.58E-12	1.38E-12	8.75E-12	1.35E-12	1.26E-12	2.03E-11
3898	477863.09	3853377.25	6.83E-08	6.74E-08	6.55E-08	2.37E-11	7.14E-11	4.13E-11	4.08E-11	3.70E-11	1.69E-11	1.64E-11	0.00E+00	0.00E+00	7.61E-12	1.38E-12	8.79E-12	1.36E-12	1.27E-12	2.04E-11
3899	478363.09	3853377.25	5.99E-08	5.91E-08	5.74E-08	2.07E-11	6.26E-11	3.62E-11	3.57E-11	3.24E-11	1.48E-11	1.44E-11	0.00E+00	0.00E+00	6.66E-12	1.21E-12	7.70E-12	1.19E-12	1.11E-12	1.79E-11
3900	478863.09	3853377.25	4.74E-08	4.68E-08	4.54E-08	1.64E-11	4.95E-11	2.87E-11	2.83E-11	2.56E-11	1.17E-11	1.14E-11	0.00E+00	0.00E+00	5.27E-12	9.60E-13	6.09E-12	9.40E-13	8.80E-13	1.41E-11
3901	479363.09	3853377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	0.00E+00	0.00E+00	8.50E-12	1.55E-12	9.83E-12	1.52E-12	1.42E-12	2.28E-11
3902	479863.09	3853377.25	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.35E-11	6.27E-11	5.69E-11	2.59E-11	2.52E-11	0.00E+00	0.00E+00	1.17E-11	2.13E-12	1.35E-11	2.08E-12	1.95E-12	3.14E-11
3903	480363.09	3853377.25	1.45E-07	1.43E-07	1.39E-07	5.03E-11	1.52E-10	8.80E-11	8.68E-11	7.87E-11	3.59E-11	3.49E-11	0.00E+00	0.00E+00	1.62E-11	2.95E-12	1.87E-11	2.88E-12	2.70E-12	4.34E-11
3904	480863.09	3853377.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.91E-11	8.79E-11	7.97E-11	3.64E-11	3.53E-11	0.00E+00	0.00E+00	1.64E-11	2.98E-12	1.89E-11	2.92E-12	2.73E-12	4.40E-11
3905	481363.09	3853377.25	1.74E-07	1.72E-07	1.67E-07	6.04E-11	1.82E-10	1.06E-10	1.04E-10	9.44E-11	4.31E-11	4.18E-11	0.00E+00	0.00E+00	1.94E-11	3.53E-12	2.24E-11	3.46E-12	3.24E-12	5.21E-11
3906	481863.09	3853377.25	1.92E-07	1.89E-07	1.84E-07	6.63E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	0.00E+00	0.00E+00	2.13E-11	3.88E-12	2.46E-11	3.80E-12	3.56E-12	5.72E-11
3907	482363.09	3853377.25	1.96E-07	1.93E-07	1.87E-07	6.77E-11	2.04E-10	1.18E-10	1.17E-10	1.06E-10	4.83E-11	4.69E-11	0.00E+00	0.00E+00	2.18E-11	3.96E-12	2.52E-11	3.88E-12	3.63E-12	5.84E-11
3908	482863.09	3853377.25	2.05E-07	2.02E-07	1.97E-07	7.10E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.07E-11	4.92E-11	0.00E+00	0.00E+00	2.28E-11	4.16E-12	2.64E-11	4.07E-12	3.81E-12	6.12E-11
3909	483363.09	3853377.25	2.18E-07	2.15E-07	2.09E-07	7.55E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.39E-11	5.23E-11	0.00E+00	0.00E+00	2.43E-11	4.42E-12	2.81E-11	4.33E-12	4.05E-12	6.51E-11
3910	483863.09	3853377.25	2.24E-07	2.21E-07	2.14E-07	7.74E-11	2.34E-10	1.35E-10	1.34E-10	1.21E-10	5.52E-11	5.36E-11	0.00E+00	0.00E+00	2.49E-11	4.53E-12	2.88E-11	4.43E-12	4.15E-12	6.68E-11
3911	484363.09	3853377.25	2.19E-07	2.17E-07	2.10E-07	7.60E-11	2.29E-10	1.33E-10	1.31E-10	1.19E-10	5.42E-11	5.26E-11	0.00E+00	0.00E+00	2.44E-11	4.45E-12	2.82E-11	4.35E-12	4.08E-12	6.55E-11
3912	484863.09	3853377.25	1.90E-07	1.87E-07	1.82E-07	6.57E-11	1.98E-10	1.15E-10	1.13E-10	1.03E-10	4.69E-11	4.55E-11	0.00E+00	0.00E+00	2.11E-11	3.85E-12	2.44E-11	3.77E-12	3.53E-12	5.67E-11
3913	485363.09	3853377.25	1.44E-07	1.42E-07	1.38E-07	4.97E-11	1.50E-10	8.69E-11	8.57E-11	7.77E-11	3.55E-11	3.44E-11	0.00E+00	0.00E+00	1.60E-11	2.91E-12	1.85E-11	2.85E-12	2.67E-12	4.29E-11
3914	485863.09	3853377.25	1.05E-07	1.04E-07	1.01E-07	3.63E-11	1.10E-10	6.35E-11	6.26E-11	5.68E-11	2.59E-11	2.52E-11	0.00E+00	0.00E+00	1.17E-11	2.13E-12	1.35E-11	2.08E-12	1.95E-12	3.13E-11
3915	486363.09	3853377.25	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.36E-11	6.28E-11	5.69E-11	2.60E-11	2.52E-11	0.00E+00	0.00E+00	1.17E-11	2.13E-12	1.35E-11	2.09E-12	1.95E-12	3.14E-11

3916	486863.09	3853377.25	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	0.00E+00	0.00E+00	1.12E-11	2.04E-12	1.30E-11	2.00E-12	1.87E-12	3.01E-11
3917	487363.09	3853377.25	1.05E-07	1.03E-07	1.00E-07	3.63E-11	1.09E-10	6.34E-11	6.26E-11	5.67E-11	2.59E-11	2.51E-11	0.00E+00	0.00E+00	1.17E-11	2.12E-12	1.35E-11	2.08E-12	1.95E-12	3.13E-11
3918	487863.09	3853377.25	1.03E-07	1.02E-07	9.89E-08	3.57E-11	1.08E-10	6.24E-11	6.16E-11	5.59E-11	2.55E-11	2.48E-11	0.00E+00	0.00E+00	1.15E-11	2.09E-12	1.33E-11	2.05E-12	1.92E-12	3.08E-11
3919	488363.09	3853377.25	1.10E-07	1.08E-07	1.05E-07	3.80E-11	1.15E-10	6.64E-11	6.55E-11	5.94E-11	2.71E-11	2.63E-11	0.00E+00	0.00E+00	1.22E-11	2.22E-12	1.41E-11	2.18E-12	2.04E-12	3.28E-11
3920	488863.09	3853377.25	1.01E-07	9.97E-08	9.68E-08	3.50E-11	1.06E-10	6.11E-11	6.03E-11	5.47E-11	2.49E-11	2.42E-11	0.00E+00	0.00E+00	1.12E-11	2.05E-12	1.30E-11	2.00E-12	1.88E-12	3.02E-11
3921	489363.09	3853377.25	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.76E-11
3922	489863.09	3853377.25	8.28E-08	8.17E-08	7.93E-08	2.87E-11	8.65E-11	5.01E-11	4.94E-11	4.48E-11	2.04E-11	1.99E-11	0.00E+00	0.00E+00	9.21E-12	1.68E-12	1.06E-11	1.64E-12	1.54E-12	2.47E-11
3923	490363.09	3853377.25	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.39E-12	1.71E-12	1.08E-11	1.67E-12	1.57E-12	2.52E-11
3924	490863.09	3853377.25	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.68E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.60E-11
3925	491363.09	3853377.25	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.68E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.60E-11
3926	491863.09	3853377.25	8.47E-08	8.36E-08	8.12E-08	2.93E-11	8.85E-11	5.13E-11	5.06E-11	4.59E-11	2.09E-11	2.03E-11	0.00E+00	0.00E+00	9.43E-12	1.72E-12	1.09E-11	1.68E-12	1.57E-12	2.53E-11
3927	492363.09	3853377.25	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.16E-11	1.78E-12	1.67E-12	2.69E-11
3928	492863.09	3853377.25	1.03E-07	1.01E-07	9.83E-08	3.55E-11	1.07E-10	6.20E-11	6.12E-11	5.55E-11	2.53E-11	2.46E-11	0.00E+00	0.00E+00	1.14E-11	2.08E-12	1.32E-11	2.03E-12	1.90E-12	3.06E-11
3929	493363.09	3853377.25	1.04E-07	1.02E-07	9.93E-08	3.59E-11	1.08E-10	6.27E-11	6.19E-11	5.61E-11	2.56E-11	2.48E-11	0.00E+00	0.00E+00	1.15E-11	2.10E-12	1.33E-11	2.05E-12	1.92E-12	3.09E-11
3930	493863.09	3853377.25	1.11E-07	1.10E-07	1.07E-07	3.85E-11	1.16E-10	6.72E-11	6.64E-11	6.02E-11	2.75E-11	2.67E-11	0.00E+00	0.00E+00	1.24E-11	2.25E-12	1.43E-11	2.20E-12	2.06E-12	3.32E-11
3931	494363.09	3853377.25	1.13E-07	1.12E-07	1.08E-07	3.91E-11	1.18E-10	6.84E-11	6.75E-11	6.12E-11	2.79E-11	2.71E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.45E-11	2.24E-12	2.10E-12	3.38E-11
3932	494863.09	3853377.25	1.17E-07	1.15E-07	1.12E-07	4.05E-11	1.22E-10	7.08E-11	6.99E-11	6.33E-11	2.89E-11	2.81E-11	0.00E+00	0.00E+00	1.30E-11	2.37E-12	1.50E-11	2.32E-12	2.17E-12	3.49E-11
3933	495363.09	3853377.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	0.00E+00	0.00E+00	1.32E-11	2.41E-12	1.53E-11	2.36E-12	2.21E-12	3.55E-11
3934	495863.09	3853377.25	1.19E-07	1.17E-07	1.14E-07	4.11E-11	1.24E-10	7.18E-11	7.09E-11	6.42E-11	2.93E-11	2.85E-11	0.00E+00	0.00E+00	1.32E-11	2.41E-12	1.53E-11	2.35E-12	2.20E-12	3.54E-11
3935	496363.09	3853377.25	1.18E-07	1.16E-07	1.13E-07	4.07E-11	1.23E-10	7.11E-11	7.02E-11	6.36E-11	2.90E-11	2.82E-11	0.00E+00	0.00E+00	1.31E-11	2.38E-12	1.51E-11	2.33E-12	2.18E-12	3.51E-11
3936	496863.09	3853377.25	1.15E-07	1.13E-07	1.10E-07	3.96E-11	1.20E-10	6.93E-11	6.84E-11	6.20E-11	2.83E-11	2.75E-11	0.00E+00	0.00E+00	1.27E-11	2.32E-12	1.47E-11	2.27E-12	2.13E-12	3.42E-11
3937	497363.09	3853377.25	1.12E-07	1.10E-07	1.07E-07	3.87E-11	1.17E-10	6.76E-11	6.68E-11	6.05E-11	2.76E-11	2.68E-11	0.00E+00	0.00E+00	1.24E-11	2.27E-12	1.44E-11	2.22E-12	2.08E-12	3.34E-11
3938	497863.09	3853377.25	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
3939	498363.09	3853377.25	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	0.00E+00	0.00E+00	9.76E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
3940	471363.09	3853877.25	6.36E-08	6.28E-08	6.10E-08	2.20E-11	6.65E-11	3.85E-11	3.80E-11	3.44E-11	1.57E-11	1.53E-11	0.00E+00	0.00E+00	7.08E-12	1.29E-12	8.18E-12	1.26E-12	1.18E-12	1.90E-11
3941	471863.09	3853877.25	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.56E-12	1.38E-12	8.74E-12	1.35E-12	1.26E-12	2.03E-11
3942	472363.09	3853877.25	7.07E-08	6.97E-08	6.77E-08	2.45E-11	7.39E-11	4.28E-11	4.22E-11	3.83E-11	1.75E-11	1.69E-11	0.00E+00	0.00E+00	7.87E-12	1.43E-12	9.09E-12	1.40E-12	1.31E-12	2.11E-11
3943	472863.09	3853877.25	7.46E-08	7.36E-08	7.15E-08	2.58E-11	7.79E-11	4.51E-11	4.45E-11	4.04E-11	1.84E-11	1.79E-11	0.00E+00	0.00E+00	8.30E-12	1.51E-12	9.59E-12	1.48E-12	1.38E-12	2.23E-11
3944	473363.09	3853877.25	7.77E-08	7.67E-08	7.45E-08	2.69E-11	8.12E-11	4.70E-11	4.64E-11	4.21E-11	1.92E-11	1.86E-11	0.00E+00	0.00E+00	8.65E-12	1.57E-12	9.99E-12	1.54E-12	1.44E-12	2.32E-11
3945	473863.09	3853877.25	8.12E-08	8.01E-08	7.78E-08	2.81E-11	8.49E-11	4.91E-11	4.85E-11	4.40E-11	2.01E-11	1.95E-11	0.00E+00	0.00E+00	9.04E-12	1.65E-12	1.04E-11	1.61E-12	1.51E-12	2.42E-11
3946	474363.09	3853877.25	8.56E-08	8.45E-08	8.21E-08	2.96E-11	8.95E-11	5.18E-11	5.11E-11	4.64E-11	2.12E-11	2.05E-11	0.00E+00	0.00E+00	9.53E-12	1.74E-12	1.10E-11	1.70E-12	1.59E-12	2.56E-11
3947	474863.09	3853877.25	8.89E-08	8.77E-08	8.52E-08	3.08E-11	9.29E-11	5.38E-11	5.31E-11	4.81E-11	2.20E-11	2.13E-11	0.00E+00	0.00E+00	9.89E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
3948	475363.09	3853877.25	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	0.00E+00	0.00E+00	9.76E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
3949	475863.09	3853877.25	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	0.00E+00	0.00E+00	8.85E-12	1.61E-12	1.02E-11	1.58E-12	1.48E-12	2.37E-11
3950	476363.09	3853877.25	6.95E-08	6.86E-08	6.66E-08	2.41E-11	7.26E-11	4.20E-11	4.15E-11	3.76E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.74E-12	1.41E-12	8.94E-12	1.38E-12	1.29E-12	2.08E-11
3951	476863.09	3853877.25	5.63E-08	5.56E-08	5.40E-08	1.95E-11	5.89E-11	3.41E-11	3.36E-11	3.05E-11	1.39E-11	1.35E-11	0.00E+00	0.00E+00	6.27E-12	1.14E-12	7.25E-12	1.12E-12	1.05E-12	1.68E-11
3952	477363.09	3853877.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	0.00E+00	0.00E+00	6.58E-12	1.20E-12	7.60E-12	1.17E-12	1.10E-12	1.76E-11
3953	477863.09	3853877.25	6.43E-08	6.34E-08	6.16E-08	2.23E-11	6.72E-11	3.89E-11	3.84E-11	3.48E-11	1.59E-11	1.54E-11	0.00E+00	0.00E+00	7.16E-12	1.30E-12	8.27E-12	1.28E-12	1.19E-12	1.92E-11
3954	478363.09	3853877.25	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	0.00E+00	0.00E+00	7.33E-12	1.33E-12	8.47E-12	1.31E-12	1.22E-12	1.97E-11
3955	478863.09	3853877.25	4.75E-08	4.69E-08	4.55E-08	1.64E-11	4.96E-11	2.87E-11	2.84E-11	2.57E-11	1.17E-11	1.14E-11	0.00E+00	0.00E+00	5.29E-12	9.63E-13	6.11E-12	9.42E-13	8.82E-13	1.42E-11
3956	479363.09	3853877.25	6.26E-08	6.18E-08	6.00E-08	2.17E-11	6.54E-11	3.79E-11	3.74E-11	3.39E-11	1.55E-11	1.50E-11	0.00E+00	0.00E+00	6.97E-12	1.27E-12	8.05E-12	1.24E-12	1.16E-12	1.87E-11
3957	479863.09	3853877.25	1.02E-07	1.00E-07	9.74E-08	3.52E-11	1.06E-10	6.15E-11	6.07E-11	5.50E-11	2.51E-11	2.44E-11	0.00E+00	0.00E+00	1.13E-11	2.06E-12	1.31E-11	2.02E-12	1.89E-12	3.03E-11
3958	480363.09	3853877.25	1.32E-07	1.30E-07	1.26E-07	4.56E-11	1.38E-10	7.97E-11	7.86E-11	7.13E-11	3.25E-11	3.16E-11	0.00E+00	0.00E+00	1.47E-11	2.67E-12	1.69E-11	2.61E-12	2.45E-12	3.93E-11
3959	480863.09	3853877.25	1.69E-07	1.67E-07	1.62E-07	5.86E-11	1.77E-10	1.02E-10	1.01E-10	9.17E-11	4.18E-11	4.06E-11	0.00E+00	0.00E+00	1.88E-11	3.43E-12	2.18E-11	3.36E-12	3.14E-12	5.06E-11
3960	481363.09	3853877.25	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.58E-11	0.00E+00	0.00E+00	2.12E-11	3.87E-12	2.45E-11	3.78E-12	3.54E-12	5.70E-11
3961	481863.09	3853877.25	2.13E-07	2.10E-07	2.04E-07	7.36E-11	2.22E-10	1.29E-10	1.27E-10	1.15E-10	5.25E-11	5.10E-11	0.00E+00	0.00E+00	2.37E-11	4.31E-12	2.73E-11	4.22E-12	3.95E-12	6.35E-11
3962	482363.09	3853877.25	2.22E-07	2.19E-07	2.12E-07	7.67E-11	2.32E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.32E-11	0.00E+00	0.00E+00	2.47E-11	4.49E-12	2.85E-11	4.40E-12	4.12E-12	6.62E-11
3963	482863.09	3853877.25	2.22E-07	2.19E-07	2.13E-07	7.70E-11	2.32E-10	1.35E-10	1.33E-10	1.20E-10	5.49E-11	5.33E-11	0.00E+00	0.00E+00	2.48E-11	4.51E-12	2.86E-11	4.41E-12	4.13E-12	6.64E-11
3964	483363.09	3853877.25	2.23E-07	2.20E-07	2.14E-07	7.72E-11	2.33E-10	1.35E-10	1.33E-10	1.21E-10	5.51E-11	5.35E-11	0.00E+00	0.00E+00	2.48E-11	4.52E-12	2.87E-11	4.42E-12	4.14E-12	6.66E-11
3965	483863.09	3853877.25	2.50E-07	2.46E-07	2.39E-07	8.64E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.17E-11	5.99E-11	0.00E+00	0.00E+00	2.78E-11	5.06E-12	3.21E-11	4.95E-12	4.64E-12	7.45E-11
3966	484363.09	3853877.25	2.42E-07	2.39E-07	2.32E-07	8.39E-11	2.53E-10	1.47E-10	1.45E-10	1.31E-10	5.99E-11	5.82E-11	0.00E+00	0.00E+00	2.70E-11	4.91E-12	3.12E-11	4.81E-12	4.50E-12	7.24E-11
3967	484863.09	3853877.25	1.92E-07	1.90E-07	1.84E-07	6.66E-11	2.01E-10	1.16E-10	1.15E-10	1.04E-10	4.75E-11	4.61E-11	0.00E+00	0.00E+00	2.14E-11	3.90E-12	2.47E-11	3.82E-12	3.57E-12	5.74E-11
3968	485363.09	3853877.25	1.35E-07	1.33E-07	1.30E-07	4.68E-11	1.41E-10	8.18E-11	8.07E-11	7.32E-11	3.34E-11	3.24E-11	0.00E+00	0.00E+00	1.51E-11	2.74E-12	1.74E-11	2.68E-12	2.51E-12	4.04E-11

3969	485863.09	3853877.25	1.46E-07	1.44E-07	1.40E-07	5.07E-11	1.53E-10	8.86E-11	8.74E-11	7.93E-11	3.62E-11	3.51E-11	0.00E+00	0.00E+00	1.63E-11	2.97E-12	1.88E-11	2.90E-12	2.72E-12	4.37E-11
3970	486363.09	3853877.25	1.41E-07	1.39E-07	1.35E-07	4.87E-11	1.47E-10	8.52E-11	8.41E-11	7.62E-11	3.48E-11	3.38E-11	0.00E+00	0.00E+00	1.57E-11	2.85E-12	1.81E-11	2.79E-12	2.62E-12	4.20E-11
3971	486863.09	3853877.25	1.27E-07	1.25E-07	1.22E-07	4.40E-11	1.33E-10	7.69E-11	7.59E-11	6.88E-11	3.14E-11	3.05E-11	0.00E+00	0.00E+00	1.42E-11	2.58E-12	1.64E-11	2.52E-12	2.36E-12	3.80E-11
3972	487363.09	3853877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.94E-11	7.83E-11	7.10E-11	3.24E-11	3.15E-11	0.00E+00	0.00E+00	1.46E-11	2.66E-12	1.69E-11	2.60E-12	2.44E-12	3.92E-11
3973	487863.09	3853877.25	1.48E-07	1.46E-07	1.42E-07	5.14E-11	1.55E-10	8.98E-11	8.86E-11	8.03E-11	3.66E-11	3.56E-11	0.00E+00	0.00E+00	1.65E-11	3.01E-12	1.91E-11	2.94E-12	2.76E-12	4.43E-11
3974	488363.09	3853877.25	1.53E-07	1.51E-07	1.47E-07	5.31E-11	1.60E-10	9.28E-11	9.15E-11	8.30E-11	3.79E-11	3.68E-11	0.00E+00	0.00E+00	1.71E-11	3.11E-12	1.97E-11	3.04E-12	2.85E-12	4.58E-11
3975	488863.09	3853877.25	1.62E-07	1.60E-07	1.55E-07	5.61E-11	1.69E-10	9.81E-11	9.68E-11	8.78E-11	4.01E-11	3.89E-11	0.00E+00	0.00E+00	1.80E-11	3.29E-12	2.09E-11	3.22E-12	3.01E-12	4.84E-11
3976	489363.09	3853877.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.91E-11	8.79E-11	7.97E-11	3.64E-11	3.53E-11	0.00E+00	0.00E+00	1.64E-11	2.98E-12	1.89E-11	2.92E-12	2.73E-12	4.40E-11
3977	489863.09	3853877.25	1.38E-07	1.36E-07	1.32E-07	4.77E-11	1.44E-10	8.34E-11	8.23E-11	7.46E-11	3.40E-11	3.31E-11	0.00E+00	0.00E+00	1.53E-11	2.79E-12	1.77E-11	2.73E-12	2.56E-12	4.12E-11
3978	490363.09	3853877.25	1.28E-07	1.27E-07	1.23E-07	4.45E-11	1.34E-10	7.77E-11	7.67E-11	6.95E-11	3.17E-11	3.08E-11	0.00E+00	0.00E+00	1.43E-11	2.60E-12	1.65E-11	2.55E-12	2.39E-12	3.84E-11
3979	490863.09	3853877.25	1.26E-07	1.25E-07	1.21E-07	4.37E-11	1.32E-10	7.65E-11	7.55E-11	6.84E-11	3.12E-11	3.03E-11	0.00E+00	0.00E+00	1.41E-11	2.56E-12	1.63E-11	2.51E-12	2.35E-12	3.77E-11
3980	491363.09	3853877.25	1.27E-07	1.25E-07	1.21E-07	4.39E-11	1.32E-10	7.67E-11	7.57E-11	6.86E-11	3.13E-11	3.04E-11	0.00E+00	0.00E+00	1.41E-11	2.57E-12	1.63E-11	2.51E-12	2.35E-12	3.78E-11
3981	491863.09	3853877.25	1.25E-07	1.24E-07	1.20E-07	4.34E-11	1.31E-10	7.58E-11	7.48E-11	6.78E-11	3.10E-11	3.01E-11	0.00E+00	0.00E+00	1.39E-11	2.54E-12	1.61E-11	2.49E-12	2.33E-12	3.74E-11
3982	492363.09	3853877.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.04E-11	7.93E-11	7.19E-11	3.28E-11	3.19E-11	0.00E+00	0.00E+00	1.48E-11	2.69E-12	1.71E-11	2.64E-12	2.47E-12	3.97E-11
3983	492863.09	3853877.25	1.48E-07	1.46E-07	1.42E-07	5.14E-11	1.55E-10	8.98E-11	8.86E-11	8.03E-11	3.66E-11	3.56E-11	0.00E+00	0.00E+00	1.65E-11	3.01E-12	1.91E-11	2.94E-12	2.76E-12	4.43E-11
3984	493363.09	3853877.25	1.54E-07	1.52E-07	1.47E-07	5.32E-11	1.61E-10	9.29E-11	9.17E-11	8.31E-11	3.79E-11	3.68E-11	0.00E+00	0.00E+00	1.71E-11	3.11E-12	1.98E-11	3.05E-12	2.85E-12	4.59E-11
3985	493863.09	3853877.25	1.48E-07	1.46E-07	1.42E-07	5.12E-11	1.55E-10	8.95E-11	8.84E-11	8.01E-11	3.65E-11	3.55E-11	0.00E+00	0.00E+00	1.65E-11	3.00E-12	1.90E-11	2.93E-12	2.75E-12	4.42E-11
3986	494363.09	3853877.25	1.66E-07	1.64E-07	1.59E-07	5.75E-11	1.74E-10	1.00E-10	9.92E-11	8.99E-11	4.10E-11	3.98E-11	0.00E+00	0.00E+00	1.85E-11	3.37E-12	2.14E-11	3.29E-12	3.08E-12	4.96E-11
3987	494863.09	3853877.25	1.66E-07	1.63E-07	1.59E-07	5.73E-11	1.73E-10	1.00E-10	9.89E-11	8.96E-11	4.09E-11	3.97E-11	0.00E+00	0.00E+00	1.84E-11	3.36E-12	2.13E-11	3.28E-12	3.07E-12	4.94E-11
3988	495363.09	3853877.25	1.45E-07	1.43E-07	1.39E-07	5.02E-11	1.52E-10	8.77E-11	8.66E-11	7.85E-11	3.58E-11	3.48E-11	0.00E+00	0.00E+00	1.61E-11	2.94E-12	1.86E-11	2.88E-12	2.69E-12	4.33E-11
3989	495863.09	3853877.25	1.38E-07	1.37E-07	1.33E-07	4.79E-11	1.45E-10	8.38E-11	8.27E-11	7.50E-11	3.42E-11	3.32E-11	0.00E+00	0.00E+00	1.54E-11	2.81E-12	1.78E-11	2.75E-12	2.57E-12	4.13E-11
3990	496363.09	3853877.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.52E-10	8.82E-11	8.70E-11	7.89E-11	3.60E-11	3.50E-11	0.00E+00	0.00E+00	1.62E-11	2.95E-12	1.87E-11	2.89E-12	2.71E-12	4.35E-11
3991	496863.09	3853877.25	1.47E-07	1.45E-07	1.40E-07	5.07E-11	1.53E-10	8.87E-11	8.75E-11	7.93E-11	3.62E-11	3.51E-11	0.00E+00	0.00E+00	1.63E-11	2.97E-12	1.88E-11	2.91E-12	2.72E-12	4.38E-11
3992	497363.09	3853877.25	1.46E-07	1.44E-07	1.40E-07	5.06E-11	1.53E-10	8.85E-11	8.73E-11	7.92E-11	3.61E-11	3.51E-11	0.00E+00	0.00E+00	1.63E-11	2.96E-12	1.88E-11	2.90E-12	2.72E-12	4.37E-11
3993	497863.09	3853877.25	1.35E-07	1.33E-07	1.29E-07	4.66E-11	1.41E-10	8.15E-11	8.04E-11	7.29E-11	3.33E-11	3.23E-11	0.00E+00	0.00E+00	1.50E-11	2.73E-12	1.73E-11	2.67E-12	2.50E-12	4.02E-11
3994	498363.09	3853877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.93E-11	7.83E-11	7.09E-11	3.24E-11	3.14E-11	0.00E+00	0.00E+00	1.46E-11	2.66E-12	1.69E-11	2.60E-12	2.43E-12	3.91E-11
3995	471363.09	3854377.25	6.83E-08	6.74E-08	6.55E-08	2.37E-11	7.14E-11	4.13E-11	4.08E-11	3.70E-11	1.69E-11	1.64E-11	0.00E+00	0.00E+00	7.61E-12	1.38E-12	8.79E-12	1.36E-12	1.27E-12	2.04E-11
3996	471863.09	3854377.25	7.26E-08	7.17E-08	6.96E-08	2.51E-11	7.59E-11	4.39E-11	4.34E-11	3.93E-11	1.79E-11	1.74E-11	0.00E+00	0.00E+00	8.08E-12	1.47E-12	9.34E-12	1.44E-12	1.35E-12	2.17E-11
3997	472363.09	3854377.25	7.53E-08	7.44E-08	7.22E-08	2.61E-11	7.88E-11	4.56E-11	4.50E-11	4.08E-11	1.86E-11	1.81E-11	0.00E+00	0.00E+00	8.39E-12	1.53E-12	9.69E-12	1.49E-12	1.40E-12	2.25E-11
3998	472863.09	3854377.25	7.73E-08	7.63E-08	7.41E-08	2.68E-11	8.08E-11	4.68E-11	4.62E-11	4.18E-11	1.91E-11	1.85E-11	0.00E+00	0.00E+00	8.60E-12	1.57E-12	9.94E-12	1.53E-12	1.44E-12	2.31E-11
3999	473363.09	3854377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
4000	473863.09	3854377.25	8.42E-08	8.31E-08	8.07E-08	2.91E-11	8.80E-11	5.09E-11	5.03E-11	4.56E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.37E-12	1.71E-12	1.08E-11	1.67E-12	1.56E-12	2.51E-11
4001	474363.09	3854377.25	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	0.00E+00	0.00E+00	9.81E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
4002	474863.09	3854377.25	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.69E-12	1.76E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
4003	475363.09	3854377.25	8.07E-08	7.96E-08	7.73E-08	2.79E-11	8.43E-11	4.88E-11	4.82E-11	4.37E-11	1.99E-11	1.94E-11	0.00E+00	0.00E+00	8.98E-12	1.64E-12	1.04E-11	1.60E-12	1.50E-12	2.41E-11
4004	475863.09	3854377.25	6.22E-08	6.14E-08	5.96E-08	2.15E-11	6.50E-11	3.76E-11	3.71E-11	3.37E-11	1.54E-11	1.49E-11	0.00E+00	0.00E+00	6.92E-12	1.26E-12	8.00E-12	1.23E-12	1.16E-12	1.86E-11
4005	476363.09	3854377.25	5.67E-08	5.60E-08	5.44E-08	1.96E-11	5.93E-11	3.43E-11	3.39E-11	3.07E-11	1.40E-11	1.36E-11	0.00E+00	0.00E+00	6.32E-12	1.15E-12	7.30E-12	1.13E-12	1.05E-12	1.69E-11
4006	476863.09	3854377.25	5.45E-08	5.38E-08	5.23E-08	1.89E-11	5.70E-11	3.30E-11	3.26E-11	2.95E-11	1.35E-11	1.31E-11	0.00E+00	0.00E+00	6.07E-12	1.11E-12	7.01E-12	1.08E-12	1.01E-12	1.63E-11
4007	477363.09	3854377.25	5.32E-08	5.25E-08	5.10E-08	1.84E-11	5.56E-11	3.22E-11	3.18E-11	2.88E-11	1.31E-11	1.28E-11	0.00E+00	0.00E+00	5.92E-12	1.08E-12	6.85E-12	1.06E-12	9.89E-13	1.59E-11
4008	477863.09	3854377.25	5.28E-08	5.21E-08	5.06E-08	1.83E-11	5.52E-11	3.20E-11	3.16E-11	2.86E-11	1.31E-11	1.27E-11	0.00E+00	0.00E+00	5.88E-12	1.07E-12	6.80E-12	1.05E-12	9.81E-13	1.58E-11
4009	478363.09	3854377.25	5.93E-08	5.86E-08	5.69E-08	2.05E-11	6.20E-11	3.59E-11	3.54E-11	3.21E-11	1.47E-11	1.42E-11	0.00E+00	0.00E+00	6.61E-12	1.20E-12	7.63E-12	1.18E-12	1.10E-12	1.77E-11
4010	478863.09	3854377.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	0.00E+00	0.00E+00	6.88E-12	1.25E-12	7.95E-12	1.23E-12	1.15E-12	1.85E-11
4011	479363.09	3854377.25	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.71E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
4012	479863.09	3854377.25	1.04E-07	1.03E-07	1.00E-07	3.61E-11	1.09E-10	6.31E-11	6.23E-11	5.65E-11	2.58E-11	2.50E-11	0.00E+00	0.00E+00	1.16E-11	2.12E-12	1.34E-11	2.07E-12	1.94E-12	3.12E-11
4013	480363.09	3854377.25	1.28E-07	1.27E-07	1.23E-07	4.44E-11	1.34E-10	7.76E-11	7.66E-11	6.95E-11	3.17E-11	3.08E-11	0.00E+00	0.00E+00	1.43E-11	2.60E-12	1.65E-11	2.55E-12	2.38E-12	3.83E-11
4014	480863.09	3854377.25	1.64E-07	1.62E-07	1.58E-07	5.69E-11	1.72E-10	9.95E-11	9.82E-11	8.90E-11	4.06E-11	3.95E-11	0.00E+00	0.00E+00	1.83E-11	3.33E-12	2.12E-11	3.26E-12	3.06E-12	4.91E-11
4015	481363.09	3854377.25	1.99E-07	1.97E-07	1.91E-07	6.90E-11	2.08E-10	1.21E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	0.00E+00	0.00E+00	2.22E-11	4.04E-12	2.56E-11	3.95E-12	3.70E-12	5.95E-11
4016	481863.09	3854377.25	2.33E-07	2.30E-07	2.24E-07	8.07E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.59E-11	0.00E+00	0.00E+00	2.60E-11	4.73E-12	3.00E-11	4.63E-12	4.33E-12	6.96E-11
4017	482363.09	3854377.25	2.46E-07	2.43E-07	2.36E-07	8.53E-11	2.58E-10	1.49E-10	1.47E-10	1.33E-10	6.09E-11	5.91E-11	0.00E+00	0.00E+00	2.74E-11	5.00E-12	3.17E-11	4.89E-12	4.58E-12	7.36E-11
4018	482863.09	3854377.25	2.53E-07	2.50E-07	2.42E-07	8.75E-11	2.64E-10	1.53E-10	1.51E-10	1.37E-10	6.25E-11	6.06E-11	0.00E+00	0.00E+00	2.81E-11	5.13E-12	3.25E-11	5.02E-12	4.70E-12	7.55E-11
4019	483363.09	3854377.25	2.54E-07	2.51E-07	2.43E-07	8.79E-11	2.66E-10	1.54E-10	1.52E-10	1.38E-10	6.27E-11	6.09E-11	0.00E+00	0.00E+00	2.83E-11	5.15E-12	3.27E-11	5.04E-12	4.72E-12	7.59E-11
4020	483863.09	3854377.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.90E-11	5.73E-11	0.00E+00	0.00E+00	2.66E-11	4.85E-12	3.07E-11	4.74E-12	4.44E-12	7.14E-11
4021	484363.09	3854377.25	2.23E-07	2.21E-07	2.14E-07	7.73E-11	2.34E-10	1.35E-10	1.33E-10	1.21E-10	5.52E-11	5.36E-11	0.00E+00	0.00E+00	2.49E-11	4.53E-12	2.87E-11	4.43E-12	4.15E-12	6.67E-11

4022	484863.09	3854377.25	1.83E-07	1.81E-07	1.76E-07	6.34E-11	1.92E-10	1.11E-10	1.09E-10	9.92E-11	4.53E-11	4.39E-11	0.00E+00	0.00E+00	2.04E-11	3.71E-12	2.36E-11	3.63E-12	3.40E-12	5.47E-11
4023	485363.09	3854377.25	2.04E-07	2.02E-07	1.96E-07	7.07E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.05E-11	4.90E-11	0.00E+00	0.00E+00	2.27E-11	4.14E-12	2.63E-11	4.05E-12	3.79E-12	6.10E-11
4024	485863.09	3854377.25	1.70E-07	1.68E-07	1.63E-07	5.88E-11	1.78E-10	1.03E-10	1.01E-10	9.20E-11	4.20E-11	4.08E-11	0.00E+00	0.00E+00	1.89E-11	3.44E-12	2.19E-11	3.37E-12	3.16E-12	5.08E-11
4025	486363.09	3854377.25	1.82E-07	1.80E-07	1.75E-07	6.31E-11	1.91E-10	1.10E-10	1.09E-10	9.87E-11	4.50E-11	4.37E-11	0.00E+00	0.00E+00	2.03E-11	3.70E-12	2.35E-11	3.62E-12	3.39E-12	5.44E-11
4026	486863.09	3854377.25	1.74E-07	1.72E-07	1.67E-07	6.04E-11	1.82E-10	1.06E-10	1.04E-10	9.44E-11	4.31E-11	4.18E-11	0.00E+00	0.00E+00	1.94E-11	3.53E-12	2.24E-11	3.46E-12	3.24E-12	5.21E-11
4027	487363.09	3854377.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.94E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	0.00E+00	0.00E+00	2.06E-11	3.75E-12	2.38E-11	3.67E-12	3.44E-12	5.53E-11
4028	487863.09	3854377.25	2.09E-07	2.06E-07	2.00E-07	7.23E-11	2.18E-10	1.26E-10	1.25E-10	1.13E-10	5.16E-11	5.01E-11	0.00E+00	0.00E+00	2.32E-11	4.23E-12	2.69E-11	4.14E-12	3.88E-12	6.24E-11
4029	488363.09	3854377.25	2.20E-07	2.17E-07	2.10E-07	7.60E-11	2.29E-10	1.33E-10	1.31E-10	1.19E-10	5.42E-11	5.27E-11	0.00E+00	0.00E+00	2.44E-11	4.45E-12	2.82E-11	4.35E-12	4.08E-12	6.56E-11
4030	488863.09	3854377.25	2.21E-07	2.18E-07	2.12E-07	7.66E-11	2.31E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.31E-11	0.00E+00	0.00E+00	2.46E-11	4.49E-12	2.85E-11	4.39E-12	4.11E-12	6.61E-11
4031	489363.09	3854377.25	2.33E-07	2.30E-07	2.23E-07	8.06E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.75E-11	5.59E-11	0.00E+00	0.00E+00	2.59E-11	4.72E-12	3.00E-11	4.62E-12	4.33E-12	6.96E-11
4032	489863.09	3854377.25	2.20E-07	2.17E-07	2.11E-07	7.62E-11	2.30E-10	1.33E-10	1.31E-10	1.19E-10	5.44E-11	5.28E-11	0.00E+00	0.00E+00	2.45E-11	4.46E-12	2.83E-11	4.36E-12	4.09E-12	6.57E-11
4033	490363.09	3854377.25	2.03E-07	2.00E-07	1.94E-07	7.01E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.00E-11	4.86E-11	0.00E+00	0.00E+00	2.26E-11	4.11E-12	2.61E-11	4.02E-12	3.76E-12	6.05E-11
4034	490863.09	3854377.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.53E-10	8.83E-11	8.72E-11	7.90E-11	3.61E-11	3.50E-11	0.00E+00	0.00E+00	1.63E-11	2.96E-12	1.88E-11	2.90E-12	2.71E-12	4.36E-11
4035	491363.09	3854377.25	1.73E-07	1.70E-07	1.66E-07	5.98E-11	1.80E-10	1.04E-10	1.03E-10	9.35E-11	4.27E-11	4.14E-11	0.00E+00	0.00E+00	1.92E-11	3.50E-12	2.22E-11	3.43E-12	3.21E-12	5.16E-11
4036	491863.09	3854377.25	1.90E-07	1.88E-07	1.82E-07	6.59E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.70E-11	4.56E-11	0.00E+00	0.00E+00	2.12E-11	3.86E-12	2.45E-11	3.77E-12	3.53E-12	5.68E-11
4037	492363.09	3854377.25	2.06E-07	2.03E-07	1.97E-07	7.13E-11	2.15E-10	1.25E-10	1.23E-10	1.11E-10	5.09E-11	4.94E-11	0.00E+00	0.00E+00	2.29E-11	4.17E-12	2.65E-11	4.08E-12	3.82E-12	6.15E-11
4038	492863.09	3854377.25	2.11E-07	2.08E-07	2.02E-07	7.30E-11	2.20E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	0.00E+00	0.00E+00	2.35E-11	4.28E-12	2.71E-11	4.18E-12	3.92E-12	6.30E-11
4039	493363.09	3854377.25	2.03E-07	2.01E-07	1.95E-07	7.04E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.02E-11	4.88E-11	0.00E+00	0.00E+00	2.26E-11	4.12E-12	2.61E-11	4.03E-12	3.78E-12	6.07E-11
4040	493863.09	3854377.25	2.24E-07	2.21E-07	2.15E-07	7.75E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.53E-11	5.37E-11	0.00E+00	0.00E+00	2.49E-11	4.54E-12	2.88E-11	4.44E-12	4.16E-12	6.69E-11
4041	494363.09	3854377.25	2.32E-07	2.29E-07	2.22E-07	8.02E-11	2.42E-10	1.40E-10	1.38E-10	1.25E-10	5.72E-11	5.56E-11	0.00E+00	0.00E+00	2.58E-11	4.70E-12	2.98E-11	4.60E-12	4.30E-12	6.92E-11
4042	494863.09	3854377.25	1.83E-07	1.81E-07	1.76E-07	6.35E-11	1.92E-10	1.11E-10	1.09E-10	9.93E-11	4.53E-11	4.40E-11	0.00E+00	0.00E+00	2.04E-11	3.72E-12	2.36E-11	3.64E-12	3.41E-12	5.48E-11
4043	495363.09	3854377.25	1.60E-07	1.58E-07	1.53E-07	5.53E-11	1.67E-10	9.66E-11	9.54E-11	8.64E-11	3.94E-11	3.83E-11	0.00E+00	0.00E+00	1.78E-11	3.24E-12	2.05E-11	3.17E-12	2.97E-12	4.77E-11
4044	495863.09	3854377.25	1.61E-07	1.59E-07	1.55E-07	5.59E-11	1.69E-10	9.77E-11	9.64E-11	8.74E-11	3.99E-11	3.87E-11	0.00E+00	0.00E+00	1.80E-11	3.27E-12	2.08E-11	3.20E-12	3.00E-12	4.82E-11
4045	496363.09	3854377.25	1.77E-07	1.75E-07	1.70E-07	6.14E-11	1.85E-10	1.07E-10	1.06E-10	9.60E-11	4.38E-11	4.25E-11	0.00E+00	0.00E+00	1.97E-11	3.60E-12	2.28E-11	3.52E-12	3.29E-12	5.30E-11
4046	496863.09	3854377.25	1.81E-07	1.78E-07	1.73E-07	6.25E-11	1.89E-10	1.09E-10	1.08E-10	9.78E-11	4.46E-11	4.33E-11	0.00E+00	0.00E+00	2.01E-11	3.66E-12	2.32E-11	3.58E-12	3.35E-12	5.39E-11
4047	497363.09	3854377.25	1.68E-07	1.66E-07	1.61E-07	5.81E-11	1.75E-10	1.02E-10	1.00E-10	9.09E-11	4.15E-11	4.03E-11	0.00E+00	0.00E+00	1.87E-11	3.40E-12	2.16E-11	3.33E-12	3.12E-12	5.01E-11
4048	497863.09	3854377.25	1.87E-07	1.85E-07	1.80E-07	6.49E-11	1.96E-10	1.13E-10	1.12E-10	1.01E-10	4.63E-11	4.49E-11	0.00E+00	0.00E+00	2.09E-11	3.80E-12	2.41E-11	3.72E-12	3.48E-12	5.60E-11
4049	498363.09	3854377.25	1.81E-07	1.79E-07	1.73E-07	6.26E-11	1.89E-10	1.09E-10	1.08E-10	9.79E-11	4.47E-11	4.34E-11	0.00E+00	0.00E+00	2.01E-11	3.67E-12	2.33E-11	3.59E-12	3.36E-12	5.40E-11
4050	471363.09	3854877.25	7.07E-08	6.97E-08	6.77E-08	2.45E-11	7.39E-11	4.28E-11	4.22E-11	3.83E-11	1.75E-11	1.69E-11	0.00E+00	0.00E+00	7.87E-12	1.43E-12	9.09E-12	1.40E-12	1.31E-12	2.11E-11
4051	471863.09	3854877.25	7.51E-08	7.41E-08	7.20E-08	2.60E-11	7.85E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	0.00E+00	0.00E+00	8.36E-12	1.52E-12	9.66E-12	1.49E-12	1.39E-12	2.24E-11
4052	472363.09	3854877.25	7.87E-08	7.77E-08	7.55E-08	2.73E-11	8.23E-11	4.76E-11	4.70E-11	4.26E-11	1.94E-11	1.89E-11	0.00E+00	0.00E+00	8.76E-12	1.60E-12	1.01E-11	1.56E-12	1.46E-12	2.35E-11
4053	472863.09	3854877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	0.00E+00	0.00E+00	8.92E-12	1.62E-12	1.03E-11	1.59E-12	1.49E-12	2.39E-11
4054	473363.09	3854877.25	8.52E-08	8.41E-08	8.17E-08	2.95E-11	8.91E-11	5.16E-11	5.09E-11	4.61E-11	2.11E-11	2.04E-11	0.00E+00	0.00E+00	9.49E-12	1.73E-12	1.10E-11	1.69E-12	1.58E-12	2.55E-11
4055	473863.09	3854877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.97E-12	1.81E-12	1.15E-11	1.78E-12	1.66E-12	2.67E-11
4056	474363.09	3854877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.22E-11	1.89E-12	1.77E-12	2.84E-11
4057	474863.09	3854877.25	8.50E-08	8.39E-08	8.14E-08	2.94E-11	8.88E-11	5.14E-11	5.07E-11	4.60E-11	2.10E-11	2.04E-11	0.00E+00	0.00E+00	9.46E-12	1.72E-12	1.09E-11	1.69E-12	1.58E-12	2.54E-11
4058	475363.09	3854877.25	7.20E-08	7.10E-08	6.90E-08	2.49E-11	7.52E-11	4.35E-11	4.30E-11	3.90E-11	1.78E-11	1.73E-11	0.00E+00	0.00E+00	8.01E-12	1.46E-12	9.26E-12	1.43E-12	1.34E-12	2.15E-11
4059	475863.09	3854877.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.45E-12	1.17E-12	7.45E-12	1.15E-12	1.08E-12	1.73E-11
4060	476363.09	3854877.25	3.90E-08	3.85E-08	3.74E-08	1.35E-11	4.08E-11	2.36E-11	2.33E-11	2.11E-11	9.64E-12	9.36E-12	0.00E+00	0.00E+00	4.35E-12	7.91E-13	5.02E-12	7.74E-13	7.25E-13	1.17E-11
4061	476863.09	3854877.25	3.83E-08	3.78E-08	3.67E-08	1.32E-11	4.00E-11	2.31E-11	2.28E-11	2.07E-11	9.45E-12	9.18E-12	0.00E+00	0.00E+00	4.26E-12	7.76E-13	4.92E-12	7.59E-13	7.11E-13	1.14E-11
4062	477363.09	3854877.25	4.52E-08	4.46E-08	4.33E-08	1.56E-11	4.72E-11	2.73E-11	2.70E-11	2.44E-11	1.12E-11	1.08E-11	0.00E+00	0.00E+00	5.03E-12	9.15E-13	5.81E-12	8.96E-13	8.39E-13	1.35E-11
4063	477863.09	3854877.25	5.14E-08	5.07E-08	4.93E-08	1.78E-11	5.37E-11	3.11E-11	3.07E-11	2.78E-11	1.27E-11	1.23E-11	0.00E+00	0.00E+00	5.72E-12	1.04E-12	6.61E-12	1.02E-12	9.55E-13	1.53E-11
4064	478363.09	3854877.25	6.65E-08	6.56E-08	6.37E-08	2.30E-11	6.95E-11	4.02E-11	3.97E-11	3.60E-11	1.64E-11	1.60E-11	0.00E+00	0.00E+00	7.40E-12	1.35E-12	8.55E-12	1.32E-12	1.24E-12	1.99E-11
4065	478863.09	3854877.25	8.73E-08	8.62E-08	8.37E-08	3.02E-11	9.13E-11	5.28E-11	5.21E-11	4.73E-11	2.16E-11	2.09E-11	0.00E+00	0.00E+00	9.72E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.61E-11
4066	479363.09	3854877.25	1.12E-07	1.11E-07	1.07E-07	3.88E-11	1.17E-10	6.78E-11	6.69E-11	6.07E-11	2.77E-11	2.69E-11	0.00E+00	0.00E+00	1.25E-11	2.27E-12	1.44E-11	2.22E-12	2.08E-12	3.35E-11
4067	479863.09	3854877.25	1.37E-07	1.35E-07	1.31E-07	4.73E-11	1.43E-10	8.26E-11	8.15E-11	7.39E-11	3.37E-11	3.27E-11	0.00E+00	0.00E+00	1.52E-11	2.77E-12	1.76E-11	2.71E-12	2.54E-12	4.08E-11
4068	480363.09	3854877.25	1.55E-07	1.53E-07	1.49E-07	5.38E-11	1.62E-10	9.40E-11	9.28E-11	8.41E-11	3.84E-11	3.73E-11	0.00E+00	0.00E+00	1.73E-11	3.15E-12	2.00E-11	3.08E-12	2.89E-12	4.64E-11
4069	480863.09	3854877.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	0.00E+00	0.00E+00	2.06E-11	3.75E-12	2.38E-11	3.67E-12	3.44E-12	5.53E-11
4070	481363.09	3854877.25	2.04E-07	2.02E-07	1.96E-07	7.07E-11	2.13E-10	1.24E-10	1.22E-10	1.11E-10	5.04E-11	4.90E-11	0.00E+00	0.00E+00	2.27E-11	4.14E-12	2.63E-11	4.05E-12	3.79E-12	6.10E-11
4071	481863.09	3854877.25	2.12E-07	2.09E-07	2.03E-07	7.33E-11	2.21E-10	1.28E-10	1.27E-10	1.15E-10	5.23E-11	5.08E-11	0.00E+00	0.00E+00	2.36E-11	4.29E-12	2.72E-11	4.20E-12	3.93E-12	6.33E-11
4072	482363.09	3854877.25	2.71E-07	2.68E-07	2.60E-07	9.39E-11	2.84E-10	1.64E-10	1.62E-10	1.47E-10	6.70E-11	6.51E-11	0.00E+00	0.00E+00	3.02E-11	5.50E-12	3.49E-11	5.38E-12	5.04E-12	8.10E-11
4073	482863.09	3854877.25	2.86E-07	2.82E-07	2.74E-07	9.90E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.06E-11	6.86E-11	0.00E+00	0.00E+00	3.18E-11	5.80E-12	3.68E-11	5.67E-12	5.31E-12	8.54E-11
4074	483363.09	3854877.25	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.13E-10	1.81E-10	1.79E-10	1.62E-10	7.40E-11	7.19E-11	0.00E+00	0.00E+00	3.33E-11	6.07E-12	3.85E-11	5.94E-12	5.56E-12	8.95E-11

4075	483863.09	3854877.25	2.97E-07	2.93E-07	2.84E-07	1.03E-10	3.10E-10	1.79E-10	1.77E-10	1.61E-10	7.33E-11	7.11E-11	0.00E+00	0.00E+00	3.30E-11	6.01E-12	3.81E-11	5.88E-12	5.51E-12	8.86E-11
4076	484363.09	3854877.25	2.75E-07	2.71E-07	2.63E-07	9.51E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.79E-11	6.59E-11	0.00E+00	0.00E+00	3.06E-11	5.57E-12	3.54E-11	5.45E-12	5.10E-12	8.21E-11
4077	484863.09	3854877.25	2.87E-07	2.83E-07	2.75E-07	9.93E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.88E-11	0.00E+00	0.00E+00	3.19E-11	5.82E-12	3.69E-11	5.69E-12	5.33E-12	8.57E-11
4078	485363.09	3854877.25	2.95E-07	2.91E-07	2.83E-07	1.02E-10	3.08E-10	1.79E-10	1.76E-10	1.60E-10	7.29E-11	7.08E-11	0.00E+00	0.00E+00	3.29E-11	5.98E-12	3.80E-11	5.85E-12	5.48E-12	8.81E-11
4079	485863.09	3854877.25	2.64E-07	2.61E-07	2.53E-07	9.14E-11	2.76E-10	1.60E-10	1.58E-10	1.43E-10	6.53E-11	6.34E-11	0.00E+00	0.00E+00	2.94E-11	5.35E-12	3.40E-11	5.24E-12	4.91E-12	7.89E-11
4080	486363.09	3854877.25	2.49E-07	2.46E-07	2.39E-07	8.64E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.16E-11	5.98E-11	0.00E+00	0.00E+00	2.78E-11	5.06E-12	3.21E-11	4.95E-12	4.63E-12	7.45E-11
4081	486863.09	3854877.25	2.45E-07	2.42E-07	2.35E-07	8.48E-11	2.56E-10	1.48E-10	1.46E-10	1.33E-10	6.05E-11	5.87E-11	0.00E+00	0.00E+00	2.73E-11	4.96E-12	3.15E-11	4.86E-12	4.55E-12	7.31E-11
4082	487363.09	3854877.25	2.61E-07	2.58E-07	2.50E-07	9.04E-11	2.73E-10	1.58E-10	1.56E-10	1.41E-10	6.45E-11	6.26E-11	0.00E+00	0.00E+00	2.91E-11	5.29E-12	3.36E-11	5.18E-12	4.85E-12	7.80E-11
4083	487863.09	3854877.25	2.87E-07	2.83E-07	2.75E-07	9.94E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.89E-11	0.00E+00	0.00E+00	3.20E-11	5.82E-12	3.69E-11	5.69E-12	5.33E-12	8.57E-11
4084	488363.09	3854877.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.45E-11	0.00E+00	0.00E+00	3.46E-11	6.30E-12	4.00E-11	6.16E-12	5.77E-12	9.28E-11
4085	488863.09	3854877.25	3.31E-07	3.27E-07	3.17E-07	1.15E-10	3.46E-10	2.00E-10	1.98E-10	1.79E-10	8.18E-11	7.94E-11	0.00E+00	0.00E+00	3.69E-11	6.71E-12	4.26E-11	6.57E-12	6.15E-12	9.89E-11
4086	489363.09	3854877.25	3.44E-07	3.40E-07	3.30E-07	1.19E-10	3.60E-10	2.08E-10	2.06E-10	1.86E-10	8.51E-11	8.26E-11	0.00E+00	0.00E+00	3.83E-11	6.98E-12	4.43E-11	6.83E-12	6.40E-12	1.03E-10
4087	489863.09	3854877.25	3.19E-07	3.15E-07	3.06E-07	1.11E-10	3.34E-10	1.93E-10	1.91E-10	1.73E-10	7.89E-11	7.66E-11	0.00E+00	0.00E+00	3.56E-11	6.48E-12	4.11E-11	6.34E-12	5.93E-12	9.54E-11
4088	490363.09	3854877.25	2.06E-07	2.03E-07	1.97E-07	7.13E-11	2.15E-10	1.25E-10	1.23E-10	1.12E-10	5.09E-11	4.94E-11	0.00E+00	0.00E+00	2.29E-11	4.18E-12	2.65E-11	4.09E-12	3.83E-12	6.15E-11
4089	490863.09	3854877.25	1.22E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.41E-11	7.31E-11	6.63E-11	3.02E-11	2.94E-11	0.00E+00	0.00E+00	1.36E-11	2.48E-12	1.58E-11	2.43E-12	2.27E-12	3.66E-11
4090	491363.09	3854877.25	1.38E-07	1.36E-07	1.32E-07	4.78E-11	1.44E-10	8.35E-11	8.25E-11	7.47E-11	3.41E-11	3.31E-11	0.00E+00	0.00E+00	1.54E-11	2.80E-12	1.78E-11	2.74E-12	2.56E-12	4.12E-11
4091	491863.09	3854877.25	2.87E-07	2.83E-07	2.75E-07	9.94E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.89E-11	0.00E+00	0.00E+00	3.20E-11	5.82E-12	3.69E-11	5.69E-12	5.33E-12	8.57E-11
4092	492363.09	3854877.25	3.16E-07	3.12E-07	3.03E-07	1.10E-10	3.31E-10	1.91E-10	1.89E-10	1.71E-10	7.81E-11	7.59E-11	0.00E+00	0.00E+00	3.52E-11	6.41E-12	4.07E-11	6.27E-12	5.88E-12	9.45E-11
4093	492863.09	3854877.25	3.18E-07	3.14E-07	3.05E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	0.00E+00	0.00E+00	3.54E-11	6.44E-12	4.09E-11	6.30E-12	5.90E-12	9.49E-11
4094	493363.09	3854877.25	3.19E-07	3.15E-07	3.06E-07	1.10E-10	3.33E-10	1.93E-10	1.90E-10	1.73E-10	7.88E-11	7.65E-11	0.00E+00	0.00E+00	3.55E-11	6.47E-12	4.10E-11	6.33E-12	5.92E-12	9.52E-11
4095	493863.09	3854877.25	3.35E-07	3.30E-07	3.21E-07	1.16E-10	3.50E-10	2.03E-10	2.00E-10	1.81E-10	8.27E-11	8.03E-11	0.00E+00	0.00E+00	3.73E-11	6.79E-12	4.31E-11	6.64E-12	6.22E-12	1.00E-10
4096	494363.09	3854877.25	2.37E-07	2.34E-07	2.28E-07	8.22E-11	2.48E-10	1.44E-10	1.42E-10	1.29E-10	5.87E-11	5.70E-11	0.00E+00	0.00E+00	2.64E-11	4.81E-12	3.05E-11	4.71E-12	4.41E-12	7.09E-11
4097	494863.09	3854877.25	1.99E-07	1.96E-07	1.91E-07	6.88E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.91E-11	4.77E-11	0.00E+00	0.00E+00	2.21E-11	4.03E-12	2.56E-11	3.94E-12	3.69E-12	5.94E-11
4098	495363.09	3854877.25	2.00E-07	1.98E-07	1.92E-07	6.94E-11	2.09E-10	1.21E-10	1.20E-10	1.08E-10	4.95E-11	4.81E-11	0.00E+00	0.00E+00	2.23E-11	4.06E-12	2.58E-11	3.98E-12	3.72E-12	5.98E-11
4099	495863.09	3854877.25	2.11E-07	2.08E-07	2.02E-07	7.29E-11	2.20E-10	1.27E-10	1.26E-10	1.14E-10	5.20E-11	5.05E-11	0.00E+00	0.00E+00	2.35E-11	4.27E-12	2.71E-11	4.18E-12	3.91E-12	6.29E-11
4100	496363.09	3854877.25	2.04E-07	2.01E-07	1.96E-07	7.06E-11	2.13E-10	1.23E-10	1.22E-10	1.10E-10	5.04E-11	4.89E-11	0.00E+00	0.00E+00	2.27E-11	4.14E-12	2.62E-11	4.05E-12	3.79E-12	6.09E-11
4101	496863.09	3854877.25	2.03E-07	2.00E-07	1.94E-07	7.02E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.01E-11	4.86E-11	0.00E+00	0.00E+00	2.26E-11	4.11E-12	2.61E-11	4.02E-12	3.77E-12	6.05E-11
4102	497363.09	3854877.25	2.11E-07	2.08E-07	2.02E-07	7.30E-11	2.20E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	0.00E+00	0.00E+00	2.35E-11	4.27E-12	2.71E-11	4.18E-12	3.92E-12	6.30E-11
4103	497863.09	3854877.25	2.38E-07	2.35E-07	2.28E-07	8.25E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.89E-11	5.72E-11	0.00E+00	0.00E+00	2.65E-11	4.83E-12	3.07E-11	4.73E-12	4.43E-12	7.12E-11
4104	498363.09	3854877.25	2.45E-07	2.41E-07	2.34E-07	8.47E-11	2.56E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.87E-11	0.00E+00	0.00E+00	2.72E-11	4.96E-12	3.15E-11	4.85E-12	4.54E-12	7.31E-11
4105	471363.09	3855377.25	7.01E-08	6.92E-08	6.72E-08	2.43E-11	7.33E-11	4.24E-11	4.19E-11	3.80E-11	1.73E-11	1.68E-11	0.00E+00	0.00E+00	7.81E-12	1.42E-12	9.02E-12	1.39E-12	1.30E-12	2.09E-11
4106	471863.09	3855377.25	7.31E-08	7.22E-08	7.01E-08	2.53E-11	7.64E-11	4.43E-11	4.37E-11	3.96E-11	1.81E-11	1.75E-11	0.00E+00	0.00E+00	8.14E-12	1.48E-12	9.41E-12	1.45E-12	1.36E-12	2.18E-11
4107	472363.09	3855377.25	7.81E-08	7.71E-08	7.48E-08	2.70E-11	8.16E-11	4.72E-11	4.66E-11	4.23E-11	1.93E-11	1.87E-11	0.00E+00	0.00E+00	8.69E-12	1.58E-12	1.00E-11	1.55E-12	1.45E-12	2.33E-11
4108	472863.09	3855377.25	8.13E-08	8.03E-08	7.80E-08	2.82E-11	8.50E-11	4.92E-11	4.86E-11	4.40E-11	2.01E-11	1.95E-11	0.00E+00	0.00E+00	9.05E-12	1.65E-12	1.05E-11	1.61E-12	1.51E-12	2.43E-11
4109	473363.09	3855377.25	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	0.00E+00	0.00E+00	9.81E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
4110	473863.09	3855377.25	9.42E-08	9.30E-08	9.03E-08	3.26E-11	9.85E-11	5.70E-11	5.63E-11	5.10E-11	2.33E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.81E-11
4111	474363.09	3855377.25	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.98E-12	1.85E-12	2.98E-11
4112	474863.09	3855377.25	9.03E-08	8.91E-08	8.66E-08	3.13E-11	9.44E-11	5.46E-11	5.39E-11	4.89E-11	2.23E-11	2.17E-11	0.00E+00	0.00E+00	1.01E-11	1.83E-12	1.16E-11	1.79E-12	1.68E-12	2.70E-11
4113	475363.09	3855377.25	5.30E-08	5.23E-08	5.08E-08	1.83E-11	5.54E-11	3.20E-11	3.16E-11	2.87E-11	1.31E-11	1.27E-11	0.00E+00	0.00E+00	5.90E-12	1.07E-12	6.81E-12	1.05E-12	9.84E-13	1.58E-11
4114	475863.09	3855377.25	4.09E-08	4.03E-08	3.92E-08	1.41E-11	4.27E-11	2.47E-11	2.44E-11	2.21E-11	1.01E-11	9.80E-12	0.00E+00	0.00E+00	4.55E-12	8.28E-13	5.26E-12	8.10E-13	7.59E-13	1.22E-11
4115	476363.09	3855377.25	4.70E-08	4.64E-08	4.50E-08	1.63E-11	4.91E-11	2.84E-11	2.81E-11	2.54E-11	1.16E-11	1.13E-11	0.00E+00	0.00E+00	5.23E-12	9.52E-13	6.04E-12	9.32E-13	8.73E-13	1.40E-11
4116	476863.09	3855377.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	0.00E+00	0.00E+00	5.07E-12	9.23E-13	5.86E-12	9.03E-13	8.46E-13	1.36E-11
4117	477363.09	3855377.25	4.96E-08	4.89E-08	4.75E-08	1.72E-11	5.18E-11	3.00E-11	2.96E-11	2.68E-11	1.22E-11	1.19E-11	0.00E+00	0.00E+00	5.52E-12	1.01E-12	6.38E-12	9.83E-13	9.21E-13	1.48E-11
4118	477863.09	3855377.25	6.16E-08	6.08E-08	5.90E-08	2.13E-11	6.43E-11	3.72E-11	3.68E-11	3.33E-11	1.52E-11	1.48E-11	0.00E+00	0.00E+00	6.85E-12	1.25E-12	7.92E-12	1.22E-12	1.14E-12	1.84E-11
4119	478363.09	3855377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	0.00E+00	0.00E+00	8.50E-12	1.55E-12	9.83E-12	1.52E-12	1.42E-12	2.28E-11
4120	478863.09	3855377.25	9.21E-08	9.09E-08	8.83E-08	3.19E-11	9.63E-11	5.57E-11	5.50E-11	4.99E-11	2.28E-11	2.21E-11	0.00E+00	0.00E+00	1.03E-11	1.87E-12	1.19E-11	1.83E-12	1.71E-12	2.75E-11
4121	479363.09	3855377.25	1.15E-07	1.14E-07	1.10E-07	3.98E-11	1.20E-10	6.96E-11	6.87E-11	6.23E-11	2.84E-11	2.76E-11	0.00E+00	0.00E+00	1.28E-11	2.33E-12	1.48E-11	2.28E-12	2.14E-12	3.44E-11
4122	479863.09	3855377.25	1.36E-07	1.34E-07	1.30E-07	4.71E-11	1.42E-10	8.24E-11	8.13E-11	7.37E-11	3.36E-11	3.27E-11	0.00E+00	0.00E+00	1.52E-11	2.76E-12	1.75E-11	2.70E-12	2.53E-12	4.06E-11
4123	480363.09	3855377.25	1.71E-07	1.68E-07	1.64E-07	5.91E-11	1.78E-10	1.03E-10	1.02E-10	9.24E-11	4.21E-11	4.09E-11	0.00E+00	0.00E+00	1.90E-11	3.46E-12	2.19E-11	3.38E-12	3.17E-12	5.09E-11
4124	480863.09	3855377.25	2.05E-07	2.03E-07	1.97E-07	7.10E-11	2.14E-10	1.24E-10	1.23E-10	1.11E-10	5.07E-11	4.92E-11	0.00E+00	0.00E+00	2.28E-11	4.16E-12	2.64E-11	4.07E-12	3.81E-12	6.13E-11
4125	481363.09	3855377.25	2.35E-07	2.32E-07	2.25E-07	8.14E-11	2.46E-10	1.42E-10	1.40E-10	1.27E-10	5.81E-11	5.64E-11	0.00E+00	0.00E+00	2.62E-11	4.77E-12	3.02E-11	4.66E-12	4.37E-12	7.02E-11
4126	481863.09	3855377.25	2.61E-07	2.57E-07	2.50E-07	9.02E-11	2.72E-10	1.58E-10	1.56E-10	1.41E-10	6.44E-11	6.25E-11	0.00E+00	0.00E+00	2.90E-11	5.28E-12	3.35E-11	5.17E-12	4.84E-12	7.78E-11
4127	482363.09	3855377.25	2.90E-07	2.86E-07	2.78E-07	1.00E-10	3.03E-10	1.75E-10	1.73E-10	1.57E-10	7.16E-11	6.95E-11	0.00E+00	0.00E+00	3.22E-11	5.87E-12	3.73E-11	5.75E-12	5.38E-12	8.65E-11

4128	482863.09	3855377.25	3.15E-07	3.11E-07	3.02E-07	1.09E-10	3.29E-10	1.91E-10	1.88E-10	1.70E-10	7.78E-11	7.55E-11	0.00E+00	0.00E+00	3.51E-11	6.38E-12	4.05E-11	6.25E-12	5.85E-12	9.40E-11
4129	483363.09	3855377.25	3.41E-07	3.37E-07	3.27E-07	1.18E-10	3.56E-10	2.06E-10	2.04E-10	1.85E-10	8.42E-11	8.18E-11	0.00E+00	0.00E+00	3.80E-11	6.91E-12	4.39E-11	6.76E-12	6.33E-12	1.02E-10
4130	483863.09	3855377.25	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.20E-10	2.17E-10	1.96E-10	8.97E-11	8.71E-11	0.00E+00	0.00E+00	4.04E-11	7.36E-12	4.67E-11	7.20E-12	6.74E-12	1.08E-10
4131	484363.09	3855377.25	3.64E-07	3.59E-07	3.49E-07	1.26E-10	3.80E-10	2.20E-10	2.17E-10	1.97E-10	8.99E-11	8.73E-11	0.00E+00	0.00E+00	4.05E-11	7.38E-12	4.68E-11	7.22E-12	6.76E-12	1.09E-10
4132	484863.09	3855377.25	3.72E-07	3.67E-07	3.56E-07	1.29E-10	3.88E-10	2.25E-10	2.22E-10	2.01E-10	9.18E-11	8.91E-11	0.00E+00	0.00E+00	4.14E-11	7.53E-12	4.78E-11	7.37E-12	6.90E-12	1.11E-10
4133	485363.09	3855377.25	3.95E-07	3.90E-07	3.79E-07	1.37E-10	4.13E-10	2.39E-10	2.36E-10	2.14E-10	9.77E-11	9.49E-11	0.00E+00	0.00E+00	4.40E-11	8.02E-12	5.09E-11	7.84E-12	7.35E-12	1.18E-10
4134	485863.09	3855377.25	4.15E-07	4.09E-07	3.97E-07	1.44E-10	4.33E-10	2.51E-10	2.48E-10	2.24E-10	1.02E-10	9.94E-11	0.00E+00	0.00E+00	4.62E-11	8.40E-12	5.33E-11	8.22E-12	7.70E-12	1.24E-10
4135	486363.09	3855377.25	3.65E-07	3.60E-07	3.49E-07	1.26E-10	3.81E-10	2.21E-10	2.18E-10	1.97E-10	9.00E-11	8.74E-11	0.00E+00	0.00E+00	4.06E-11	7.39E-12	4.69E-11	7.23E-12	6.77E-12	1.09E-10
4136	486863.09	3855377.25	3.46E-07	3.42E-07	3.32E-07	1.20E-10	3.62E-10	2.09E-10	2.07E-10	1.87E-10	8.55E-11	8.30E-11	0.00E+00	0.00E+00	3.85E-11	7.02E-12	4.45E-11	6.87E-12	6.43E-12	1.03E-10
4137	487363.09	3855377.25	3.79E-07	3.74E-07	3.63E-07	1.31E-10	3.96E-10	2.29E-10	2.26E-10	2.05E-10	9.35E-11	9.08E-11	0.00E+00	0.00E+00	4.22E-11	7.68E-12	4.87E-11	7.51E-12	7.03E-12	1.13E-10
4138	487863.09	3855377.25	4.09E-07	4.03E-07	3.92E-07	1.41E-10	4.27E-10	2.47E-10	2.44E-10	2.21E-10	1.01E-10	9.80E-11	0.00E+00	0.00E+00	4.55E-11	8.28E-12	5.26E-11	8.10E-12	7.59E-12	1.22E-10
4139	488363.09	3855377.25	4.42E-07	4.37E-07	4.24E-07	1.53E-10	4.62E-10	2.68E-10	2.64E-10	2.40E-10	1.09E-10	1.06E-10	0.00E+00	0.00E+00	4.93E-11	8.97E-12	5.69E-11	8.78E-12	8.22E-12	1.32E-10
4140	488863.09	3855377.25	4.76E-07	4.70E-07	4.56E-07	1.65E-10	4.97E-10	2.88E-10	2.84E-10	2.58E-10	1.18E-10	1.14E-10	0.00E+00	0.00E+00	5.30E-11	9.64E-12	6.12E-11	9.44E-12	8.84E-12	1.42E-10
4141	489363.09	3855377.25	5.01E-07	4.94E-07	4.80E-07	1.73E-10	5.24E-10	3.03E-10	2.99E-10	2.71E-10	1.24E-10	1.20E-10	0.00E+00	0.00E+00	5.58E-11	1.02E-11	6.44E-11	9.94E-12	9.30E-12	1.50E-10
4142	489863.09	3855377.25	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	0.00E+00	0.00E+00	5.44E-11	9.91E-12	6.29E-11	9.70E-12	9.08E-12	1.46E-10
4143	490363.09	3855377.25	5.39E-07	5.32E-07	5.17E-07	1.87E-10	5.63E-10	3.26E-10	3.22E-10	2.92E-10	1.33E-10	1.29E-10	0.00E+00	0.00E+00	6.00E-11	1.09E-11	6.93E-11	1.07E-11	1.00E-11	1.61E-10
4144	490863.09	3855377.25	2.50E-07	2.46E-07	2.39E-07	8.64E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.17E-11	5.99E-11	0.00E+00	0.00E+00	2.78E-11	5.06E-12	3.21E-11	4.95E-12	4.64E-12	7.45E-11
4145	491363.09	3855377.25	1.98E-07	1.96E-07	1.90E-07	6.86E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.90E-11	4.75E-11	0.00E+00	0.00E+00	2.21E-11	4.02E-12	2.55E-11	3.93E-12	3.68E-12	5.92E-11
4146	491863.09	3855377.25	4.58E-07	4.52E-07	4.39E-07	1.59E-10	4.79E-10	2.77E-10	2.74E-10	2.48E-10	1.13E-10	1.10E-10	0.00E+00	0.00E+00	5.10E-11	9.29E-12	5.89E-11	9.09E-12	8.51E-12	1.37E-10
4147	492363.09	3855377.25	4.86E-07	4.80E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	0.00E+00	0.00E+00	5.41E-11	9.85E-12	6.25E-11	9.64E-12	9.03E-12	1.45E-10
4148	492863.09	3855377.25	4.75E-07	4.68E-07	4.55E-07	1.64E-10	4.96E-10	2.87E-10	2.83E-10	2.57E-10	1.17E-10	1.14E-10	0.00E+00	0.00E+00	5.28E-11	9.62E-12	6.10E-11	9.41E-12	8.81E-12	1.42E-10
4149	493363.09	3855377.25	4.62E-07	4.56E-07	4.43E-07	1.60E-10	4.83E-10	2.80E-10	2.76E-10	2.50E-10	1.14E-10	1.11E-10	0.00E+00	0.00E+00	5.15E-11	9.37E-12	5.95E-11	9.17E-12	8.59E-12	1.38E-10
4150	493863.09	3855377.25	3.36E-07	3.31E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.00E-10	1.82E-10	8.29E-11	8.05E-11	0.00E+00	0.00E+00	3.74E-11	6.80E-12	4.32E-11	6.66E-12	6.23E-12	1.00E-10
4151	494363.09	3855377.25	3.01E-07	2.97E-07	2.89E-07	1.04E-10	3.15E-10	1.82E-10	1.80E-10	1.63E-10	7.44E-11	7.23E-11	0.00E+00	0.00E+00	3.35E-11	6.11E-12	3.87E-11	5.98E-12	5.60E-12	9.00E-11
4152	494863.09	3855377.25	2.83E-07	2.79E-07	2.71E-07	9.78E-11	2.95E-10	1.71E-10	1.69E-10	1.53E-10	6.98E-11	6.78E-11	0.00E+00	0.00E+00	3.15E-11	5.73E-12	3.64E-11	5.61E-12	5.25E-12	8.44E-11
4153	495363.09	3855377.25	2.75E-07	2.71E-07	2.63E-07	9.51E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.79E-11	6.59E-11	0.00E+00	0.00E+00	3.06E-11	5.57E-12	3.54E-11	5.45E-12	5.10E-12	8.21E-11
4154	495863.09	3855377.25	2.68E-07	2.64E-07	2.56E-07	9.26E-11	2.80E-10	1.62E-10	1.60E-10	1.45E-10	6.61E-11	6.42E-11	0.00E+00	0.00E+00	2.98E-11	5.42E-12	3.44E-11	5.31E-12	4.97E-12	7.99E-11
4155	496363.09	3855377.25	2.78E-07	2.75E-07	2.67E-07	9.64E-11	2.91E-10	1.69E-10	1.66E-10	1.51E-10	6.88E-11	6.68E-11	0.00E+00	0.00E+00	3.10E-11	5.64E-12	3.58E-11	5.52E-12	5.17E-12	8.32E-11
4156	496863.09	3855377.25	2.86E-07	2.82E-07	2.74E-07	9.89E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.06E-11	6.85E-11	0.00E+00	0.00E+00	3.18E-11	5.79E-12	3.67E-11	5.67E-12	5.31E-12	8.53E-11
4157	497363.09	3855377.25	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.37E-11	7.16E-11	0.00E+00	0.00E+00	3.32E-11	6.05E-12	3.84E-11	5.92E-12	5.54E-12	8.91E-11
4158	497863.09	3855377.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	0.00E+00	0.00E+00	3.54E-11	6.44E-12	4.09E-11	6.30E-12	5.90E-12	9.49E-11
4159	498363.09	3855377.25	3.39E-07	3.35E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.84E-10	8.37E-11	8.13E-11	0.00E+00	0.00E+00	3.77E-11	6.87E-12	4.36E-11	6.72E-12	6.30E-12	1.01E-10
4160	471363.09	3855877.25	7.18E-08	7.09E-08	6.88E-08	2.49E-11	7.51E-11	4.35E-11	4.29E-11	3.89E-11	1.77E-11	1.72E-11	0.00E+00	0.00E+00	8.00E-12	1.46E-12	9.24E-12	1.42E-12	1.33E-12	2.15E-11
4161	471863.09	3855877.25	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	0.00E+00	0.00E+00	8.31E-12	1.51E-12	9.61E-12	1.48E-12	1.39E-12	2.23E-11
4162	472363.09	3855877.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
4163	472863.09	3855877.25	8.21E-08	8.10E-08	7.87E-08	2.84E-11	8.58E-11	4.97E-11	4.90E-11	4.45E-11	2.03E-11	1.97E-11	0.00E+00	0.00E+00	9.14E-12	1.66E-12	1.06E-11	1.63E-12	1.53E-12	2.45E-11
4164	473363.09	3855877.25	8.94E-08	8.82E-08	8.57E-08	3.09E-11	9.34E-11	5.41E-11	5.34E-11	4.84E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.95E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
4165	473863.09	3855877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.22E-11	1.89E-12	1.77E-12	2.84E-11
4166	474363.09	3855877.25	9.96E-08	9.83E-08	9.54E-08	3.45E-11	1.04E-10	6.02E-11	5.95E-11	5.39E-11	2.46E-11	2.39E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.97E-12	1.85E-12	2.97E-11
4167	474863.09	3855877.25	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.69E-12	1.76E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
4168	475363.09	3855877.25	6.47E-08	6.38E-08	6.20E-08	2.24E-11	6.76E-11	3.91E-11	3.86E-11	3.50E-11	1.60E-11	1.55E-11	0.00E+00	0.00E+00	7.20E-12	1.31E-12	8.32E-12	1.28E-12	1.20E-12	1.93E-11
4169	475863.09	3855877.25	3.33E-08	3.29E-08	3.19E-08	1.15E-11	3.48E-11	2.02E-11	1.99E-11	1.80E-11	8.23E-12	7.99E-12	0.00E+00	0.00E+00	3.71E-12	6.75E-13	4.28E-12	6.61E-13	6.19E-13	9.95E-12
4170	476363.09	3855877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	0.00E+00	0.00E+00	3.93E-12	7.15E-13	4.54E-12	7.00E-13	6.55E-13	1.05E-11
4171	476863.09	3855877.25	4.95E-08	4.88E-08	4.74E-08	1.71E-11	5.17E-11	2.99E-11	2.95E-11	2.68E-11	1.22E-11	1.19E-11	0.00E+00	0.00E+00	5.50E-12	1.00E-12	6.36E-12	9.81E-13	9.18E-13	1.48E-11
4172	477363.09	3855877.25	5.83E-08	5.75E-08	5.59E-08	2.02E-11	6.09E-11	3.53E-11	3.48E-11	3.16E-11	1.44E-11	1.40E-11	0.00E+00	0.00E+00	6.49E-12	1.18E-12	7.50E-12	1.16E-12	1.08E-12	1.74E-11
4173	477863.09	3855877.25	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	0.00E+00	0.00E+00	7.59E-12	1.38E-12	8.77E-12	1.35E-12	1.27E-12	2.04E-11
4174	478363.09	3855877.25	8.41E-08	8.30E-08	8.06E-08	2.91E-11	8.79E-11	5.09E-11	5.02E-11	4.55E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.36E-12	1.70E-12	1.08E-11	1.67E-12	1.56E-12	2.51E-11
4175	478863.09	3855877.25	1.02E-07	1.01E-07	9.80E-08	3.54E-11	1.07E-10	6.19E-11	6.11E-11	5.54E-11	2.53E-11	2.45E-11	0.00E+00	0.00E+00	1.14E-11	2.07E-12	1.32E-11	2.03E-12	1.90E-12	3.05E-11
4176	479363.09	3855877.25	1.28E-07	1.26E-07	1.22E-07	4.42E-11	1.34E-10	7.73E-11	7.63E-11	6.92E-11	3.16E-11	3.07E-11	0.00E+00	0.00E+00	1.42E-11	2.59E-12	1.64E-11	2.53E-12	2.37E-12	3.82E-11
4177	479863.09	3855877.25	1.53E-07	1.51E-07	1.46E-07	5.29E-11	1.60E-10	9.24E-11	9.12E-11	8.27E-11	3.77E-11	3.66E-11	0.00E+00	0.00E+00	1.70E-11	3.10E-12	1.97E-11	3.03E-12	2.84E-12	4.56E-11
4178	480363.09	3855877.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	0.00E+00	0.00E+00	2.06E-11	3.75E-12	2.38E-11	3.67E-12	3.44E-12	5.53E-11
4179	480863.09	3855877.25	2.23E-07	2.20E-07	2.14E-07	7.72E-11	2.33E-10	1.35E-10	1.33E-10	1.21E-10	5.51E-11	5.35E-11	0.00E+00	0.00E+00	2.48E-11	4.52E-12	2.87E-11	4.42E-12	4.14E-12	6.66E-11
4180	481363.09	3855877.25	2.33E-07	2.30E-07	2.23E-07	8.07E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.59E-11	0.00E+00	0.00E+00	2.59E-11	4.72E-12	3.00E-11	4.62E-12	4.33E-12	6.96E-11

4181	481863.09	3855877.25	2.86E-07	2.82E-07	2.74E-07	9.90E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.06E-11	6.86E-11	0.00E+00	0.00E+00	3.18E-11	5.80E-12	3.68E-11	5.67E-12	5.31E-12	8.54E-11
4182	482363.09	3855877.25	3.14E-07	3.10E-07	3.01E-07	1.09E-10	3.28E-10	1.90E-10	1.88E-10	1.70E-10	7.76E-11	7.53E-11	0.00E+00	0.00E+00	3.50E-11	6.37E-12	4.04E-11	6.23E-12	5.83E-12	9.38E-11
4183	482863.09	3855877.25	3.38E-07	3.33E-07	3.24E-07	1.17E-10	3.53E-10	2.04E-10	2.02E-10	1.83E-10	8.34E-11	8.10E-11	0.00E+00	0.00E+00	3.76E-11	6.85E-12	4.34E-11	6.70E-12	6.27E-12	1.01E-10
4184	483363.09	3855877.25	3.68E-07	3.63E-07	3.53E-07	1.27E-10	3.85E-10	2.23E-10	2.20E-10	1.99E-10	9.09E-11	8.82E-11	0.00E+00	0.00E+00	4.10E-11	7.46E-12	4.73E-11	7.30E-12	6.83E-12	1.10E-10
4185	483863.09	3855877.25	4.05E-07	4.00E-07	3.88E-07	1.40E-10	4.23E-10	2.45E-10	2.42E-10	2.19E-10	1.00E-10	9.72E-11	0.00E+00	0.00E+00	4.51E-11	8.21E-12	5.21E-11	8.04E-12	7.52E-12	1.21E-10
4186	484363.09	3855877.25	4.43E-07	4.37E-07	4.25E-07	1.53E-10	4.63E-10	2.68E-10	2.65E-10	2.40E-10	1.09E-10	1.06E-10	0.00E+00	0.00E+00	4.93E-11	8.98E-12	5.70E-11	8.79E-12	8.23E-12	1.32E-10
4187	484863.09	3855877.25	4.64E-07	4.58E-07	4.45E-07	1.61E-10	4.85E-10	2.81E-10	2.77E-10	2.51E-10	1.15E-10	1.11E-10	0.00E+00	0.00E+00	5.17E-11	9.41E-12	5.97E-11	9.21E-12	8.62E-12	1.39E-10
4188	485363.09	3855877.25	4.82E-07	4.76E-07	4.62E-07	1.67E-10	5.04E-10	2.92E-10	2.88E-10	2.61E-10	1.19E-10	1.16E-10	0.00E+00	0.00E+00	5.37E-11	9.77E-12	6.20E-11	9.56E-12	8.95E-12	1.44E-10
4189	485863.09	3855877.25	5.19E-07	5.12E-07	4.97E-07	1.80E-10	5.42E-10	3.14E-10	3.10E-10	2.81E-10	1.28E-10	1.24E-10	0.00E+00	0.00E+00	5.77E-11	1.05E-11	6.67E-11	1.03E-11	9.63E-12	1.55E-10
4190	486363.09	3855877.25	5.27E-07	5.20E-07	5.05E-07	1.82E-10	5.51E-10	3.19E-10	3.15E-10	2.85E-10	1.30E-10	1.26E-10	0.00E+00	0.00E+00	5.87E-11	1.07E-11	6.78E-11	1.05E-11	9.79E-12	1.57E-10
4191	486863.09	3855877.25	4.94E-07	4.87E-07	4.73E-07	1.71E-10	5.16E-10	2.99E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	0.00E+00	0.00E+00	5.49E-11	1.00E-11	6.35E-11	9.79E-12	9.17E-12	1.47E-10
4192	487363.09	3855877.25	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.68E-10	3.29E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	0.00E+00	0.00E+00	6.04E-11	1.10E-11	6.98E-11	1.08E-11	1.01E-11	1.62E-10
4193	487863.09	3855877.25	5.92E-07	5.84E-07	5.67E-07	2.05E-10	6.19E-10	3.58E-10	3.54E-10	3.21E-10	1.46E-10	1.42E-10	0.00E+00	0.00E+00	6.59E-11	1.20E-11	7.62E-11	1.17E-11	1.10E-11	1.77E-10
4194	488363.09	3855877.25	6.44E-07	6.36E-07	6.17E-07	2.23E-10	6.73E-10	3.90E-10	3.85E-10	3.49E-10	1.59E-10	1.55E-10	0.00E+00	0.00E+00	7.17E-11	1.31E-11	8.29E-11	1.28E-11	1.20E-11	1.92E-10
4195	488863.09	3855877.25	6.94E-07	6.85E-07	6.65E-07	2.40E-10	7.26E-10	4.20E-10	4.15E-10	3.76E-10	1.71E-10	1.67E-10	0.00E+00	0.00E+00	7.73E-11	1.41E-11	8.93E-11	1.38E-11	1.29E-11	2.07E-10
4196	489363.09	3855877.25	7.35E-07	7.26E-07	7.05E-07	2.54E-10	7.68E-10	4.45E-10	4.39E-10	3.98E-10	1.82E-10	1.76E-10	0.00E+00	0.00E+00	8.18E-11	1.49E-11	9.46E-11	1.46E-11	1.37E-11	2.20E-10
4197	489863.09	3855877.25	7.84E-07	7.74E-07	7.51E-07	2.71E-10	8.20E-10	4.74E-10	4.68E-10	4.24E-10	1.94E-10	1.88E-10	0.00E+00	0.00E+00	8.73E-11	1.59E-11	1.01E-10	1.56E-11	1.46E-11	2.34E-10
4198	490363.09	3855877.25	8.70E-07	8.59E-07	8.34E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	0.00E+00	0.00E+00	9.69E-11	1.76E-11	1.12E-10	1.73E-11	1.62E-11	2.60E-10
4199	490863.09	3855877.25	8.79E-07	8.67E-07	8.42E-07	3.04E-10	9.19E-10	5.32E-10	5.25E-10	4.76E-10	2.17E-10	2.11E-10	0.00E+00	0.00E+00	9.78E-11	1.78E-11	1.13E-10	1.74E-11	1.63E-11	2.62E-10
4200	491363.09	3855877.25	7.18E-07	7.09E-07	6.88E-07	2.49E-10	7.51E-10	4.34E-10	4.29E-10	3.89E-10	1.77E-10	1.72E-10	0.00E+00	0.00E+00	7.99E-11	1.46E-11	9.24E-11	1.42E-11	1.33E-11	2.14E-10
4201	491863.09	3855877.25	8.83E-07	8.72E-07	8.46E-07	3.06E-10	9.23E-10	5.34E-10	5.27E-10	4.78E-10	2.18E-10	2.12E-10	0.00E+00	0.00E+00	9.83E-11	1.79E-11	1.14E-10	1.75E-11	1.64E-11	2.64E-10
4202	492363.09	3855877.25	8.09E-07	7.99E-07	7.76E-07	2.80E-10	8.46E-10	4.90E-10	4.83E-10	4.38E-10	2.00E-10	1.94E-10	0.00E+00	0.00E+00	9.01E-11	1.64E-11	1.04E-10	1.61E-11	1.50E-11	2.42E-10
4203	492863.09	3855877.25	8.65E-07	8.53E-07	8.29E-07	2.99E-10	9.04E-10	5.23E-10	5.16E-10	4.68E-10	2.14E-10	2.07E-10	0.00E+00	0.00E+00	9.63E-11	1.75E-11	1.11E-10	1.72E-11	1.61E-11	2.58E-10
4204	493363.09	3855877.25	6.17E-07	6.09E-07	5.91E-07	2.13E-10	6.44E-10	3.73E-10	3.68E-10	3.34E-10	1.52E-10	1.48E-10	0.00E+00	0.00E+00	6.86E-11	1.25E-11	7.93E-11	1.22E-11	1.15E-11	1.84E-10
4205	493863.09	3855877.25	5.34E-07	5.27E-07	5.12E-07	1.85E-10	5.58E-10	3.23E-10	3.19E-10	2.89E-10	1.32E-10	1.28E-10	0.00E+00	0.00E+00	5.95E-11	1.08E-11	6.87E-11	1.06E-11	9.92E-12	1.60E-10
4206	494363.09	3855877.25	4.81E-07	4.75E-07	4.61E-07	1.67E-10	5.03E-10	2.91E-10	2.87E-10	2.60E-10	1.19E-10	1.15E-10	0.00E+00	0.00E+00	5.36E-11	9.75E-12	6.19E-11	9.54E-12	8.94E-12	1.44E-10
4207	494863.09	3855877.25	4.43E-07	4.37E-07	4.25E-07	1.53E-10	4.63E-10	2.68E-10	2.65E-10	2.40E-10	1.09E-10	1.06E-10	0.00E+00	0.00E+00	4.93E-11	8.98E-12	5.70E-11	8.79E-12	8.23E-12	1.32E-10
4208	495363.09	3855877.25	3.77E-07	3.72E-07	3.61E-07	1.31E-10	3.94E-10	2.28E-10	2.25E-10	2.04E-10	9.31E-11	9.04E-11	0.00E+00	0.00E+00	4.20E-11	7.64E-12	4.85E-11	7.48E-12	7.00E-12	1.13E-10
4209	495863.09	3855877.25	3.82E-07	3.77E-07	3.66E-07	1.32E-10	3.99E-10	2.31E-10	2.28E-10	2.07E-10	9.44E-11	9.16E-11	0.00E+00	0.00E+00	4.25E-11	7.74E-12	4.91E-11	7.58E-12	7.10E-12	1.14E-10
4210	496363.09	3855877.25	3.85E-07	3.80E-07	3.69E-07	1.33E-10	4.02E-10	2.33E-10	2.30E-10	2.08E-10	9.51E-11	9.24E-11	0.00E+00	0.00E+00	4.29E-11	7.81E-12	4.95E-11	7.64E-12	7.15E-12	1.15E-10
4211	496863.09	3855877.25	3.98E-07	3.93E-07	3.82E-07	1.38E-10	4.16E-10	2.41E-10	2.38E-10	2.15E-10	9.83E-11	9.55E-11	0.00E+00	0.00E+00	4.43E-11	8.07E-12	5.12E-11	7.90E-12	7.39E-12	1.19E-10
4212	497363.09	3855877.25	4.11E-07	4.05E-07	3.94E-07	1.42E-10	4.29E-10	2.49E-10	2.45E-10	2.22E-10	1.01E-10	9.85E-11	0.00E+00	0.00E+00	4.57E-11	8.33E-12	5.28E-11	8.15E-12	7.63E-12	1.23E-10
4213	497863.09	3855877.25	4.29E-07	4.23E-07	4.11E-07	1.48E-10	4.48E-10	2.59E-10	2.56E-10	2.32E-10	1.06E-10	1.03E-10	0.00E+00	0.00E+00	4.77E-11	8.69E-12	5.51E-11	8.50E-12	7.96E-12	1.28E-10
4214	498363.09	3855877.25	4.74E-07	4.68E-07	4.54E-07	1.64E-10	4.96E-10	2.87E-10	2.83E-10	2.57E-10	1.17E-10	1.14E-10	0.00E+00	0.00E+00	5.28E-11	9.61E-12	6.10E-11	9.41E-12	8.81E-12	1.42E-10
4215	471363.09	3856377.25	7.21E-08	7.12E-08	6.91E-08	2.50E-11	7.54E-11	4.36E-11	4.31E-11	3.90E-11	1.78E-11	1.73E-11	0.00E+00	0.00E+00	8.03E-12	1.46E-12	9.27E-12	1.43E-12	1.34E-12	2.15E-11
4216	471863.09	3856377.25	7.48E-08	7.39E-08	7.17E-08	2.59E-11	7.82E-11	4.53E-11	4.47E-11	4.05E-11	1.85E-11	1.79E-11	0.00E+00	0.00E+00	8.33E-12	1.52E-12	9.62E-12	1.48E-12	1.39E-12	2.23E-11
4217	472363.09	3856377.25	7.93E-08	7.82E-08	7.60E-08	2.74E-11	8.28E-11	4.80E-11	4.73E-11	4.29E-11	1.96E-11	1.90E-11	0.00E+00	0.00E+00	8.82E-12	1.61E-12	1.02E-11	1.57E-12	1.47E-12	2.37E-11
4218	472863.09	3856377.25	8.48E-08	8.37E-08	8.13E-08	2.94E-11	8.87E-11	5.13E-11	5.07E-11	4.59E-11	2.10E-11	2.04E-11	0.00E+00	0.00E+00	9.44E-12	1.72E-12	1.09E-11	1.68E-12	1.58E-12	2.53E-11
4219	473363.09	3856377.25	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.16E-11	1.78E-12	1.67E-12	2.69E-11
4220	473863.09	3856377.25	9.84E-08	9.71E-08	9.43E-08	3.41E-11	1.03E-10	5.95E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.10E-11	1.99E-12	1.27E-11	1.95E-12	1.83E-12	2.94E-11
4221	474363.09	3856377.25	9.85E-08	9.72E-08	9.44E-08	3.41E-11	1.03E-10	5.96E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.95E-12	1.83E-12	2.94E-11
4222	474863.09	3856377.25	9.60E-08	9.48E-08	9.20E-08	3.32E-11	1.00E-10	5.81E-11	5.74E-11	5.20E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.90E-12	1.78E-12	2.87E-11
4223	475363.09	3856377.25	8.45E-08	8.34E-08	8.09E-08	2.92E-11	8.83E-11	5.11E-11	5.04E-11	4.57E-11	2.09E-11	2.03E-11	0.00E+00	0.00E+00	9.40E-12	1.71E-12	1.09E-11	1.68E-12	1.57E-12	2.52E-11
4224	475863.09	3856377.25	6.55E-08	6.46E-08	6.27E-08	2.27E-11	6.84E-11	3.96E-11	3.91E-11	3.54E-11	1.62E-11	1.57E-11	0.00E+00	0.00E+00	7.29E-12	1.33E-12	8.42E-12	1.30E-12	1.22E-12	1.95E-11
4225	476363.09	3856377.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	0.00E+00	0.00E+00	7.00E-12	1.27E-12	8.08E-12	1.25E-12	1.17E-12	1.88E-11
4226	476863.09	3856377.25	6.45E-08	6.37E-08	6.19E-08	2.23E-11	6.75E-11	3.91E-11	3.85E-11	3.49E-11	1.59E-11	1.55E-11	0.00E+00	0.00E+00	7.18E-12	1.31E-12	8.30E-12	1.28E-12	1.20E-12	1.93E-11
4227	477363.09	3856377.25	6.86E-08	6.77E-08	6.57E-08	2.37E-11	7.17E-11	4.15E-11	4.10E-11	3.71E-11	1.69E-11	1.65E-11	0.00E+00	0.00E+00	7.63E-12	1.39E-12	8.82E-12	1.36E-12	1.27E-12	2.05E-11
4228	477863.09	3856377.25	5.78E-08	5.70E-08	5.54E-08	2.00E-11	6.04E-11	3.50E-11	3.45E-11	3.13E-11	1.43E-11	1.39E-11	0.00E+00	0.00E+00	6.43E-12	1.17E-12	7.43E-12	1.15E-12	1.07E-12	1.73E-11
4229	478363.09	3856377.25	5.26E-08	5.19E-08	5.04E-08	1.82E-11	5.50E-11	3.18E-11	3.14E-11	2.85E-11	1.30E-11	1.26E-11	0.00E+00	0.00E+00	5.85E-12	1.07E-12	6.76E-12	1.04E-12	9.76E-13	1.57E-11
4230	478863.09	3856377.25	9.15E-08	9.03E-08	8.77E-08	3.17E-11	9.56E-11	5.54E-11	5.46E-11	4.95E-11	2.26E-11	2.19E-11	0.00E+00	0.00E+00	1.02E-11	1.85E-12	1.18E-11	1.81E-12	1.70E-12	2.73E-11
4231	479363.09	3856377.25	1.12E-07	1.11E-07	1.08E-07	3.88E-11	1.17E-10	6.79E-11	6.70E-11	6.07E-11	2.77E-11	2.69E-11	0.00E+00	0.00E+00	1.25E-11	2.27E-12	1.44E-11	2.22E-12	2.08E-12	3.35E-11
4232	479863.09	3856377.25	1.60E-07	1.58E-07	1.54E-07	5.55E-11	1.68E-10	9.71E-11	9.58E-11	8.69E-11	3.96E-11	3.85E-11	0.00E+00	0.00E+00	1.79E-11	3.25E-12	2.06E-11	3.18E-12	2.98E-12	4.79E-11
4233	480363.09	3856377.25	2.07E-07	2.04E-07	1.99E-07	7.17E-11	2.17E-10	1.25E-10	1.24E-10	1.12E-10	5.12E-11	4.97E-11	0.00E+00	0.00E+00	2.31E-11	4.20E-12	2.66E-11	4.11E-12	3.85E-12	6.19E-11

4234	480863.09	3856377.25	2.44E-07	2.41E-07	2.34E-07	8.44E-11	2.55E-10	1.47E-10	1.46E-10	1.32E-10	6.02E-11	5.85E-11	0.00E+00	0.00E+00	2.71E-11	4.94E-12	3.14E-11	4.83E-12	4.53E-12	7.28E-11
4235	481363.09	3856377.25	2.80E-07	2.77E-07	2.69E-07	9.70E-11	2.93E-10	1.70E-10	1.67E-10	1.52E-10	6.92E-11	6.72E-11	0.00E+00	0.00E+00	3.12E-11	5.68E-12	3.61E-11	5.56E-12	5.21E-12	8.37E-11
4236	481863.09	3856377.25	3.19E-07	3.15E-07	3.06E-07	1.10E-10	3.34E-10	1.93E-10	1.91E-10	1.73E-10	7.88E-11	7.65E-11	0.00E+00	0.00E+00	3.55E-11	6.47E-12	4.10E-11	6.33E-12	5.93E-12	9.53E-11
4237	482363.09	3856377.25	3.52E-07	3.47E-07	3.37E-07	1.22E-10	3.68E-10	2.13E-10	2.10E-10	1.90E-10	8.69E-11	8.44E-11	0.00E+00	0.00E+00	3.92E-11	7.13E-12	4.53E-11	6.98E-12	6.54E-12	1.05E-10
4238	482863.09	3856377.25	3.79E-07	3.74E-07	3.63E-07	1.31E-10	3.96E-10	2.29E-10	2.26E-10	2.05E-10	9.35E-11	9.08E-11	0.00E+00	0.00E+00	4.22E-11	7.68E-12	4.87E-11	7.51E-12	7.03E-12	1.13E-10
4239	483363.09	3856377.25	4.07E-07	4.02E-07	3.91E-07	1.41E-10	4.26E-10	2.47E-10	2.43E-10	2.21E-10	1.01E-10	9.77E-11	0.00E+00	0.00E+00	4.54E-11	8.26E-12	5.24E-11	8.08E-12	7.57E-12	1.22E-10
4240	483863.09	3856377.25	4.42E-07	4.37E-07	4.24E-07	1.53E-10	4.62E-10	2.68E-10	2.64E-10	2.39E-10	1.09E-10	1.06E-10	0.00E+00	0.00E+00	4.92E-11	8.97E-12	5.69E-11	8.77E-12	8.22E-12	1.32E-10
4241	484363.09	3856377.25	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	0.00E+00	0.00E+00	5.44E-11	9.91E-12	6.29E-11	9.70E-12	9.08E-12	1.46E-10
4242	484863.09	3856377.25	5.52E-07	5.45E-07	5.29E-07	1.91E-10	5.77E-10	3.34E-10	3.30E-10	2.99E-10	1.36E-10	1.33E-10	0.00E+00	0.00E+00	6.15E-11	1.12E-11	7.11E-11	1.10E-11	1.03E-11	1.65E-10
4243	485363.09	3856377.25	6.10E-07	6.02E-07	5.85E-07	2.11E-10	6.38E-10	3.69E-10	3.64E-10	3.30E-10	1.51E-10	1.46E-10	0.00E+00	0.00E+00	6.79E-11	1.24E-11	7.85E-11	1.21E-11	1.13E-11	1.82E-10
4244	485863.09	3856377.25	6.39E-07	6.30E-07	6.12E-07	2.21E-10	6.67E-10	3.86E-10	3.81E-10	3.46E-10	1.58E-10	1.53E-10	0.00E+00	0.00E+00	7.11E-11	1.29E-11	8.21E-11	1.27E-11	1.19E-11	1.91E-10
4245	486363.09	3856377.25	6.32E-07	6.23E-07	6.05E-07	2.19E-10	6.60E-10	3.82E-10	3.77E-10	3.42E-10	1.56E-10	1.52E-10	0.00E+00	0.00E+00	7.03E-11	1.28E-11	8.12E-11	1.25E-11	1.17E-11	1.89E-10
4246	486863.09	3856377.25	7.27E-07	7.18E-07	6.97E-07	2.52E-10	7.60E-10	4.40E-10	4.34E-10	3.94E-10	1.80E-10	1.74E-10	0.00E+00	0.00E+00	8.10E-11	1.47E-11	9.35E-11	1.44E-11	1.35E-11	2.17E-10
4247	487363.09	3856377.25	7.65E-07	7.55E-07	7.33E-07	2.65E-10	7.99E-10	4.63E-10	4.57E-10	4.14E-10	1.89E-10	1.83E-10	0.00E+00	0.00E+00	8.51E-11	1.55E-11	9.84E-11	1.52E-11	1.42E-11	2.28E-10
4248	487863.09	3856377.25	8.56E-07	8.45E-07	8.20E-07	2.96E-10	8.95E-10	5.18E-10	5.11E-10	4.63E-10	2.11E-10	2.05E-10	0.00E+00	0.00E+00	9.53E-11	1.74E-11	1.10E-10	1.70E-11	1.59E-11	2.56E-10
4249	488363.09	3856377.25	9.37E-07	9.24E-07	8.98E-07	3.24E-10	9.79E-10	5.67E-10	5.59E-10	5.07E-10	2.31E-10	2.25E-10	0.00E+00	0.00E+00	1.04E-10	1.90E-11	1.20E-10	1.86E-11	1.74E-11	2.80E-10
4250	488863.09	3856377.25	1.04E-06	1.02E-06	9.93E-07	3.59E-10	1.08E-09	6.27E-10	6.19E-10	5.61E-10	2.56E-10	2.49E-10	0.00E+00	0.00E+00	1.15E-10	2.10E-11	1.33E-10	2.06E-11	1.92E-11	3.09E-10
4251	489363.09	3856377.25	1.11E-06	1.10E-06	1.06E-06	3.84E-10	1.16E-09	6.71E-10	6.63E-10	6.01E-10	2.74E-10	2.66E-10	0.00E+00	0.00E+00	1.24E-10	2.25E-11	1.43E-10	2.20E-11	2.06E-11	3.31E-10
4252	489863.09	3856377.25	1.26E-06	1.24E-06	1.20E-06	4.35E-10	1.31E-09	7.60E-10	7.50E-10	6.80E-10	3.10E-10	3.01E-10	0.00E+00	0.00E+00	1.40E-10	2.55E-11	1.62E-10	2.49E-11	2.33E-11	3.75E-10
4253	490363.09	3856377.25	1.41E-06	1.39E-06	1.35E-06	4.88E-10	1.47E-09	8.53E-10	8.42E-10	7.64E-10	3.48E-10	3.38E-10	0.00E+00	0.00E+00	1.57E-10	2.86E-11	1.81E-10	2.80E-11	2.62E-11	4.21E-10
4254	490863.09	3856377.25	1.64E-06	1.62E-06	1.58E-06	5.69E-10	1.72E-09	9.95E-10	9.82E-10	8.90E-10	4.06E-10	3.94E-10	0.00E+00	0.00E+00	1.83E-10	3.33E-11	2.12E-10	3.26E-11	3.05E-11	4.91E-10
4255	491363.09	3856377.25	1.96E-06	1.93E-06	1.88E-06	6.77E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.97E-11	2.52E-10	3.88E-11	3.63E-11	5.84E-10
4256	491863.09	3856377.25	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.92E-10	4.77E-10	0.00E+00	0.00E+00	2.22E-10	4.03E-11	2.56E-10	3.95E-11	3.70E-11	5.94E-10
4257	492363.09	3856377.25	1.89E-06	1.86E-06	1.81E-06	6.54E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.64E-10
4258	492863.09	3856377.25	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.42E-10	4.30E-10	0.00E+00	0.00E+00	1.99E-10	3.63E-11	2.30E-10	3.55E-11	3.33E-11	5.35E-10
4259	493363.09	3856377.25	1.22E-06	1.20E-06	1.17E-06	4.21E-10	1.27E-09	7.36E-10	7.26E-10	6.58E-10	3.00E-10	2.92E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.41E-11	2.26E-11	3.63E-10
4260	493863.09	3856377.25	1.07E-06	1.05E-06	1.02E-06	3.69E-10	1.12E-09	6.46E-10	6.37E-10	5.78E-10	2.64E-10	2.56E-10	0.00E+00	0.00E+00	1.19E-10	2.16E-11	1.37E-10	2.12E-11	1.98E-11	3.19E-10
4261	494363.09	3856377.25	8.57E-07	8.46E-07	8.22E-07	2.97E-10	8.96E-10	5.19E-10	5.12E-10	4.64E-10	2.12E-10	2.06E-10	0.00E+00	0.00E+00	9.54E-11	1.74E-11	1.10E-10	1.70E-11	1.59E-11	2.56E-10
4262	494863.09	3856377.25	6.92E-07	6.83E-07	6.63E-07	2.39E-10	7.23E-10	4.19E-10	4.13E-10	3.74E-10	1.71E-10	1.66E-10	0.00E+00	0.00E+00	7.70E-11	1.40E-11	8.90E-11	1.37E-11	1.28E-11	2.07E-10
4263	495363.09	3856377.25	5.74E-07	5.66E-07	5.50E-07	1.99E-10	5.99E-10	3.47E-10	3.42E-10	3.10E-10	1.42E-10	1.38E-10	0.00E+00	0.00E+00	6.38E-11	1.16E-11	7.38E-11	1.14E-11	1.07E-11	1.71E-10
4264	495863.09	3856377.25	5.38E-07	5.31E-07	5.15E-07	1.86E-10	5.62E-10	3.25E-10	3.21E-10	2.91E-10	1.33E-10	1.29E-10	0.00E+00	0.00E+00	5.99E-11	1.09E-11	6.92E-11	1.07E-11	9.99E-12	1.61E-10
4265	496363.09	3856377.25	5.24E-07	5.18E-07	5.03E-07	1.82E-10	5.48E-10	3.17E-10	3.13E-10	2.84E-10	1.30E-10	1.26E-10	0.00E+00	0.00E+00	5.84E-11	1.06E-11	6.75E-11	1.04E-11	9.74E-12	1.57E-10
4266	496863.09	3856377.25	5.40E-07	5.32E-07	5.17E-07	1.87E-10	5.64E-10	3.26E-10	3.22E-10	2.92E-10	1.33E-10	1.29E-10	0.00E+00	0.00E+00	6.01E-11	1.09E-11	6.94E-11	1.07E-11	1.00E-11	1.61E-10
4267	497363.09	3856377.25	5.53E-07	5.46E-07	5.30E-07	1.91E-10	5.78E-10	3.35E-10	3.30E-10	2.99E-10	1.37E-10	1.33E-10	0.00E+00	0.00E+00	6.16E-11	1.12E-11	7.12E-11	1.10E-11	1.03E-11	1.65E-10
4268	497863.09	3856377.25	5.83E-07	5.75E-07	5.59E-07	2.02E-10	6.09E-10	3.53E-10	3.48E-10	3.15E-10	1.44E-10	1.40E-10	0.00E+00	0.00E+00	6.49E-11	1.18E-11	7.50E-11	1.16E-11	1.08E-11	1.74E-10
4269	498363.09	3856377.25	6.28E-07	6.20E-07	6.02E-07	2.17E-10	6.57E-10	3.80E-10	3.75E-10	3.40E-10	1.55E-10	1.51E-10	0.00E+00	0.00E+00	6.99E-11	1.27E-11	8.08E-11	1.25E-11	1.17E-11	1.88E-10
4270	471363.09	3856877.25	7.44E-08	7.35E-08	7.13E-08	2.58E-11	7.78E-11	4.50E-11	4.45E-11	4.03E-11	1.84E-11	1.79E-11	0.00E+00	0.00E+00	8.29E-12	1.51E-12	9.57E-12	1.48E-12	1.38E-12	2.22E-11
4271	471863.09	3856877.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	0.00E+00	0.00E+00	8.49E-12	1.55E-12	9.81E-12	1.51E-12	1.42E-12	2.28E-11
4272	472363.09	3856877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	0.00E+00	0.00E+00	8.92E-12	1.62E-12	1.03E-11	1.59E-12	1.49E-12	2.39E-11
4273	472863.09	3856877.25	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.39E-12	1.71E-12	1.08E-11	1.67E-12	1.57E-12	2.52E-11
4274	473363.09	3856877.25	9.17E-08	9.05E-08	8.79E-08	3.18E-11	9.59E-11	5.55E-11	5.48E-11	4.97E-11	2.27E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.70E-12	2.74E-11
4275	473863.09	3856877.25	9.66E-08	9.53E-08	9.25E-08	3.34E-11	1.01E-10	5.84E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	0.00E+00	0.00E+00	1.07E-11	1.96E-12	1.24E-11	1.92E-12	1.79E-12	2.88E-11
4276	474363.09	3856877.25	9.59E-08	9.47E-08	9.19E-08	3.32E-11	1.00E-10	5.80E-11	5.73E-11	5.19E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
4277	474863.09	3856877.25	9.33E-08	9.21E-08	8.94E-08	3.23E-11	9.75E-11	5.65E-11	5.57E-11	5.05E-11	2.30E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.79E-11
4278	475363.09	3856877.25	8.52E-08	8.41E-08	8.17E-08	2.95E-11	8.91E-11	5.16E-11	5.09E-11	4.61E-11	2.11E-11	2.04E-11	0.00E+00	0.00E+00	9.49E-12	1.73E-12	1.10E-11	1.69E-12	1.58E-12	2.55E-11
4279	475863.09	3856877.25	8.67E-08	8.55E-08	8.31E-08	3.00E-11	9.06E-11	5.24E-11	5.18E-11	4.69E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.65E-12	1.76E-12	1.11E-11	1.72E-12	1.61E-12	2.59E-11
4280	476363.09	3856877.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	0.00E+00	0.00E+00	8.89E-12	1.62E-12	1.03E-11	1.58E-12	1.48E-12	2.39E-11
4281	476863.09	3856877.25	7.87E-08	7.77E-08	7.55E-08	2.73E-11	8.23E-11	4.76E-11	4.70E-11	4.26E-11	1.94E-11	1.89E-11	0.00E+00	0.00E+00	8.76E-12	1.60E-12	1.01E-11	1.56E-12	1.46E-12	2.35E-11
4282	477363.09	3856877.25	7.27E-08	7.18E-08	6.97E-08	2.52E-11	7.60E-11	4.40E-11	4.34E-11	3.94E-11	1.80E-11	1.74E-11	0.00E+00	0.00E+00	8.10E-12	1.47E-12	9.36E-12	1.44E-12	1.35E-12	2.17E-11
4283	477863.09	3856877.25	5.41E-08	5.34E-08	5.19E-08	1.87E-11	5.66E-11	3.28E-11	3.23E-11	2.93E-11	1.34E-11	1.30E-11	0.00E+00	0.00E+00	6.03E-12	1.10E-12	6.96E-12	1.07E-12	1.01E-12	1.62E-11
4284	478363.09	3856877.25	4.95E-08	4.88E-08	4.74E-08	1.71E-11	5.17E-11	2.99E-11	2.95E-11	2.68E-11	1.22E-11	1.19E-11	0.00E+00	0.00E+00	5.50E-12	1.00E-12	6.36E-12	9.81E-13	9.18E-13	1.48E-11
4285	478863.09	3856877.25	6.08E-08	6.00E-08	5.82E-08	2.10E-11	6.35E-11	3.68E-11	3.63E-11	3.29E-11	1.50E-11	1.46E-11	0.00E+00	0.00E+00	6.76E-12	1.23E-12	7.82E-12	1.21E-12	1.13E-12	1.81E-11
4286	479363.09	3856877.25	7.82E-08	7.72E-08	7.50E-08	2.71E-11	8.17E-11	4.73E-11	4.67E-11	4.23E-11	1.93E-11	1.88E-11	0.00E+00	0.00E+00	8.71E-12	1.59E-12	1.01E-11	1.55E-12	1.45E-12	2.34E-11

4287	479863.09	3856877.25	1.53E-07	1.51E-07	1.47E-07	5.31E-11	1.60E-10	9.28E-11	9.16E-11	8.31E-11	3.79E-11	3.68E-11	0.00E+00	0.00E+00	1.71E-11	3.11E-12	1.97E-11	3.04E-12	2.85E-12	4.58E-11
4288	480363.09	3856877.25	2.09E-07	2.06E-07	2.00E-07	7.22E-11	2.18E-10	1.26E-10	1.25E-10	1.13E-10	5.15E-11	5.00E-11	0.00E+00	0.00E+00	2.32E-11	4.23E-12	2.68E-11	4.14E-12	3.87E-12	6.23E-11
4289	480863.09	3856877.25	2.60E-07	2.57E-07	2.49E-07	9.00E-11	2.72E-10	1.57E-10	1.55E-10	1.41E-10	6.42E-11	6.24E-11	0.00E+00	0.00E+00	2.89E-11	5.27E-12	3.34E-11	5.16E-12	4.83E-12	7.76E-11
4290	481363.09	3856877.25	3.05E-07	3.01E-07	2.92E-07	1.05E-10	3.18E-10	1.84E-10	1.82E-10	1.65E-10	7.52E-11	7.30E-11	0.00E+00	0.00E+00	3.39E-11	6.17E-12	3.92E-11	6.04E-12	5.66E-12	9.09E-11
4291	481863.09	3856877.25	3.40E-07	3.36E-07	3.26E-07	1.18E-10	3.55E-10	2.06E-10	2.03E-10	1.84E-10	8.40E-11	8.16E-11	0.00E+00	0.00E+00	3.79E-11	6.89E-12	4.37E-11	6.74E-12	6.32E-12	1.02E-10
4292	482363.09	3856877.25	3.82E-07	3.77E-07	3.66E-07	1.32E-10	4.00E-10	2.31E-10	2.28E-10	2.07E-10	9.44E-11	9.17E-11	0.00E+00	0.00E+00	4.26E-11	7.75E-12	4.92E-11	7.58E-12	7.10E-12	1.14E-10
4293	482863.09	3856877.25	4.19E-07	4.13E-07	4.01E-07	1.45E-10	4.38E-10	2.53E-10	2.50E-10	2.27E-10	1.03E-10	1.00E-10	0.00E+00	0.00E+00	4.66E-11	8.49E-12	5.39E-11	8.31E-12	7.78E-12	1.25E-10
4294	483363.09	3856877.25	4.60E-07	4.54E-07	4.41E-07	1.59E-10	4.81E-10	2.79E-10	2.75E-10	2.49E-10	1.14E-10	1.10E-10	0.00E+00	0.00E+00	5.12E-11	9.33E-12	5.92E-11	9.13E-12	8.55E-12	1.37E-10
4295	483863.09	3856877.25	5.07E-07	5.01E-07	4.86E-07	1.76E-10	5.30E-10	3.07E-10	3.03E-10	2.75E-10	1.25E-10	1.22E-10	0.00E+00	0.00E+00	5.65E-11	1.03E-11	6.52E-11	1.01E-11	9.42E-12	1.51E-10
4296	484363.09	3856877.25	5.60E-07	5.53E-07	5.37E-07	1.94E-10	5.86E-10	3.39E-10	3.35E-10	3.03E-10	1.38E-10	1.34E-10	0.00E+00	0.00E+00	6.24E-11	1.14E-11	7.21E-11	1.11E-11	1.04E-11	1.67E-10
4297	484863.09	3856877.25	6.18E-07	6.10E-07	5.93E-07	2.14E-10	6.46E-10	3.74E-10	3.69E-10	3.35E-10	1.53E-10	1.48E-10	0.00E+00	0.00E+00	6.88E-11	1.25E-11	7.95E-11	1.23E-11	1.15E-11	1.85E-10
4298	485363.09	3856877.25	7.06E-07	6.97E-07	6.76E-07	2.44E-10	7.38E-10	4.27E-10	4.22E-10	3.82E-10	1.74E-10	1.69E-10	0.00E+00	0.00E+00	7.86E-11	1.43E-11	9.08E-11	1.40E-11	1.31E-11	2.11E-10
4299	485863.09	3856877.25	8.23E-07	8.12E-07	7.89E-07	2.85E-10	8.60E-10	4.98E-10	4.92E-10	4.46E-10	2.03E-10	1.97E-10	0.00E+00	0.00E+00	9.16E-11	1.67E-11	1.06E-10	1.63E-11	1.53E-11	2.46E-10
4300	486363.09	3856877.25	8.04E-07	7.93E-07	7.70E-07	2.78E-10	8.40E-10	4.86E-10	4.80E-10	4.35E-10	1.99E-10	1.93E-10	0.00E+00	0.00E+00	8.95E-11	1.63E-11	1.03E-10	1.59E-11	1.49E-11	2.40E-10
4301	486863.09	3856877.25	9.17E-07	9.05E-07	8.79E-07	3.18E-10	9.59E-10	5.55E-10	5.48E-10	4.97E-10	2.27E-10	2.20E-10	0.00E+00	0.00E+00	1.02E-10	1.86E-11	1.18E-10	1.82E-11	1.70E-11	2.74E-10
4302	487363.09	3856877.25	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.88E-10	6.79E-10	6.15E-10	2.81E-10	2.73E-10	0.00E+00	0.00E+00	1.26E-10	2.30E-11	1.46E-10	2.25E-11	2.11E-11	3.39E-10
4303	487863.09	3856877.25	1.24E-06	1.22E-06	1.19E-06	4.28E-10	1.29E-09	7.48E-10	7.39E-10	6.70E-10	3.06E-10	2.97E-10	0.00E+00	0.00E+00	1.38E-10	2.51E-11	1.59E-10	2.45E-11	2.30E-11	3.69E-10
4304	488363.09	3856877.25	1.38E-06	1.36E-06	1.32E-06	4.76E-10	1.44E-09	8.32E-10	8.21E-10	7.44E-10	3.40E-10	3.30E-10	0.00E+00	0.00E+00	1.53E-10	2.79E-11	1.77E-10	2.73E-11	2.55E-11	4.11E-10
4305	488863.09	3856877.25	1.54E-06	1.52E-06	1.48E-06	5.34E-10	1.61E-09	9.33E-10	9.21E-10	8.35E-10	3.81E-10	3.70E-10	0.00E+00	0.00E+00	1.72E-10	3.13E-11	1.98E-10	3.06E-11	2.87E-11	4.61E-10
4306	489363.09	3856877.25	1.71E-06	1.69E-06	1.64E-06	5.93E-10	1.79E-09	1.04E-09	1.02E-09	9.28E-10	4.23E-10	4.11E-10	0.00E+00	0.00E+00	1.91E-10	3.47E-11	2.20E-10	3.40E-11	3.18E-11	5.12E-10
4307	489863.09	3856877.25	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.04E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.50E-10	3.86E-11	3.62E-11	5.81E-10
4308	490363.09	3856877.25	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.78E-11	3.03E-10	4.68E-11	4.38E-11	7.04E-10
4309	490863.09	3856877.25	3.20E-06	3.15E-06	3.06E-06	1.11E-09	3.34E-09	1.93E-09	1.91E-09	1.73E-09	7.89E-10	7.67E-10	0.00E+00	0.00E+00	3.56E-10	6.48E-11	4.11E-10	6.34E-11	5.94E-11	9.54E-10
4310	491363.09	3856877.25	5.31E-06	5.24E-06	5.09E-06	1.84E-09	5.55E-09	3.21E-09	3.17E-09	2.87E-09	1.31E-09	1.27E-09	0.00E+00	0.00E+00	5.91E-10	1.08E-10	6.82E-10	1.05E-10	9.85E-11	1.58E-09
4311	491863.09	3856877.25	2.28E-05	2.25E-05	2.19E-05	7.91E-09	2.39E-08	1.38E-08	1.36E-08	1.24E-08	5.64E-09	5.48E-09	0.00E+00	0.00E+00	2.54E-09	4.63E-10	2.94E-09	4.53E-10	4.24E-10	6.82E-09
4312	492363.09	3856877.25	2.41E-05	2.38E-05	2.31E-05	8.34E-09	2.52E-08	1.46E-08	1.44E-08	1.30E-08	5.95E-09	5.78E-09	0.00E+00	0.00E+00	2.68E-09	4.88E-10	3.10E-09	4.78E-10	4.47E-10	7.19E-09
4313	492863.09	3856877.25	6.18E-06	6.10E-06	5.92E-06	2.14E-09	6.46E-09	3.74E-09	3.69E-09	3.34E-09	1.53E-09	1.48E-09	0.00E+00	0.00E+00	6.88E-10	1.25E-10	7.94E-10	1.23E-10	1.15E-10	1.84E-09
4314	493363.09	3856877.25	3.05E-06	3.01E-06	2.92E-06	1.05E-09	3.19E-09	1.84E-09	1.82E-09	1.65E-09	7.53E-10	7.31E-10	0.00E+00	0.00E+00	3.39E-10	6.18E-11	3.92E-10	6.04E-11	5.66E-11	9.10E-10
4315	493863.09	3856877.25	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.12E-09	1.10E-09	9.98E-10	4.56E-10	4.42E-10	0.00E+00	0.00E+00	2.05E-10	3.74E-11	2.37E-10	3.66E-11	3.43E-11	5.51E-10
4316	494363.09	3856877.25	1.27E-06	1.25E-06	1.22E-06	4.39E-10	1.33E-09	7.68E-10	7.58E-10	6.87E-10	3.14E-10	3.05E-10	0.00E+00	0.00E+00	1.41E-10	2.57E-11	1.63E-10	2.52E-11	2.36E-11	3.79E-10
4317	494863.09	3856877.25	1.00E-06	9.88E-07	9.60E-07	3.47E-10	1.05E-09	6.06E-10	5.98E-10	5.42E-10	2.47E-10	2.40E-10	0.00E+00	0.00E+00	1.11E-10	2.03E-11	1.29E-10	1.99E-11	1.86E-11	2.99E-10
4318	495363.09	3856877.25	8.45E-07	8.34E-07	8.09E-07	2.92E-10	8.83E-10	5.11E-10	5.04E-10	4.57E-10	2.09E-10	2.03E-10	0.00E+00	0.00E+00	9.40E-11	1.71E-11	1.09E-10	1.68E-11	1.57E-11	2.52E-10
4319	495863.09	3856877.25	7.74E-07	7.63E-07	7.41E-07	2.68E-10	8.08E-10	4.68E-10	4.62E-10	4.19E-10	1.91E-10	1.86E-10	0.00E+00	0.00E+00	8.61E-11	1.57E-11	9.95E-11	1.53E-11	1.44E-11	2.31E-10
4320	496363.09	3856877.25	7.23E-07	7.14E-07	6.93E-07	2.50E-10	7.56E-10	4.38E-10	4.32E-10	3.92E-10	1.79E-10	1.74E-10	0.00E+00	0.00E+00	8.05E-11	1.47E-11	9.30E-11	1.43E-11	1.34E-11	2.16E-10
4321	496863.09	3856877.25	7.01E-07	6.92E-07	6.72E-07	2.43E-10	7.33E-10	4.24E-10	4.19E-10	3.80E-10	1.73E-10	1.68E-10	0.00E+00	0.00E+00	7.81E-11	1.42E-11	9.02E-11	1.39E-11	1.30E-11	2.09E-10
4322	497363.09	3856877.25	7.03E-07	6.94E-07	6.74E-07	2.43E-10	7.35E-10	4.25E-10	4.20E-10	3.81E-10	1.74E-10	1.69E-10	0.00E+00	0.00E+00	7.83E-11	1.42E-11	9.04E-11	1.39E-11	1.31E-11	2.10E-10
4323	497863.09	3856877.25	7.52E-07	7.43E-07	7.21E-07	2.60E-10	7.86E-10	4.55E-10	4.49E-10	4.07E-10	1.86E-10	1.80E-10	0.00E+00	0.00E+00	8.38E-11	1.53E-11	9.68E-11	1.49E-11	1.40E-11	2.25E-10
4324	498363.09	3856877.25	8.27E-07	8.16E-07	7.92E-07	2.86E-10	8.64E-10	5.00E-10	4.94E-10	4.48E-10	2.04E-10	1.98E-10	0.00E+00	0.00E+00	9.20E-11	1.68E-11	1.06E-10	1.64E-11	1.54E-11	2.47E-10
4325	471363.09	3857377.25	7.81E-08	7.71E-08	7.48E-08	2.70E-11	8.16E-11	4.72E-11	4.66E-11	4.23E-11	1.93E-11	1.87E-11	0.00E+00	0.00E+00	8.69E-12	1.58E-12	1.00E-11	1.55E-12	1.45E-12	2.33E-11
4326	471863.09	3857377.25	7.96E-08	7.86E-08	7.63E-08	2.76E-11	8.32E-11	4.82E-11	4.76E-11	4.31E-11	1.97E-11	1.91E-11	0.00E+00	0.00E+00	8.87E-12	1.61E-12	1.02E-11	1.58E-12	1.48E-12	2.38E-11
4327	472363.09	3857377.25	8.32E-08	8.21E-08	7.97E-08	2.88E-11	8.69E-11	5.03E-11	4.97E-11	4.50E-11	2.05E-11	1.99E-11	0.00E+00	0.00E+00	9.26E-12	1.69E-12	1.07E-11	1.65E-12	1.54E-12	2.48E-11
4328	472863.09	3857377.25	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
4329	473363.09	3857377.25	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.74E-12	2.79E-11
4330	473863.09	3857377.25	1.01E-07	9.93E-08	9.64E-08	3.48E-11	1.05E-10	6.09E-11	6.01E-11	5.45E-11	2.48E-11	2.41E-11	0.00E+00	0.00E+00	1.12E-11	2.04E-12	1.29E-11	2.00E-12	1.87E-12	3.00E-11
4331	474363.09	3857377.25	9.71E-08	9.58E-08	9.30E-08	3.36E-11	1.01E-10	5.87E-11	5.80E-11	5.26E-11	2.40E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.93E-12	1.80E-12	2.90E-11
4332	474863.09	3857377.25	8.20E-08	8.09E-08	7.86E-08	2.84E-11	8.57E-11	4.96E-11	4.90E-11	4.44E-11	2.03E-11	1.97E-11	0.00E+00	0.00E+00	9.13E-12	1.66E-12	1.05E-11	1.63E-12	1.52E-12	2.45E-11
4333	475363.09	3857377.25	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	0.00E+00	0.00E+00	7.14E-12	1.30E-12	8.25E-12	1.27E-12	1.19E-12	1.92E-11
4334	475863.09	3857377.25	6.12E-08	6.04E-08	5.86E-08	2.12E-11	6.39E-11	3.70E-11	3.65E-11	3.31E-11	1.51E-11	1.47E-11	0.00E+00	0.00E+00	6.81E-12	1.24E-12	7.87E-12	1.21E-12	1.14E-12	1.83E-11
4335	476363.09	3857377.25	7.51E-08	7.41E-08	7.20E-08	2.60E-11	7.85E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	0.00E+00	0.00E+00	8.36E-12	1.52E-12	9.66E-12	1.49E-12	1.39E-12	2.24E-11
4336	476863.09	3857377.25	7.87E-08	7.77E-08	7.55E-08	2.73E-11	8.23E-11	4.76E-11	4.70E-11	4.26E-11	1.94E-11	1.89E-11	0.00E+00	0.00E+00	8.76E-12	1.60E-12	1.01E-11	1.56E-12	1.46E-12	2.35E-11
4337	477363.09	3857377.25	7.29E-08	7.19E-08	6.98E-08	2.52E-11	7.62E-11	4.41E-11	4.35E-11	3.95E-11	1.80E-11	1.75E-11	0.00E+00	0.00E+00	8.11E-12	1.48E-12	9.37E-12	1.45E-12	1.35E-12	2.18E-11
4338	477863.09	3857377.25	5.93E-08	5.86E-08	5.69E-08	2.05E-11	6.20E-11	3.59E-11	3.54E-11	3.21E-11	1.47E-11	1.42E-11	0.00E+00	0.00E+00	6.61E-12	1.20E-12	7.63E-12	1.18E-12	1.10E-12	1.77E-11
4339	478363.09	3857377.25	4.89E-08	4.83E-08	4.69E-08	1.69E-11	5.11E-11	2.96E-11	2.92E-11	2.65E-11	1.21E-11	1.17E-11	0.00E+00	0.00E+00	5.45E-12	9.92E-13	6.29E-12	9.71E-13	9.09E-13	1.46E-11

4340	478863.09	3857377.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	0.00E+00	0.00E+00	4.93E-12	8.97E-13	5.69E-12	8.78E-13	8.22E-13	1.32E-11
4341	479363.09	3857377.25	6.36E-08	6.28E-08	6.10E-08	2.20E-11	6.65E-11	3.85E-11	3.80E-11	3.44E-11	1.57E-11	1.53E-11	0.00E+00	0.00E+00	7.08E-12	1.29E-12	8.18E-12	1.26E-12	1.18E-12	1.90E-11
4342	479863.09	3857377.25	1.32E-07	1.30E-07	1.27E-07	4.57E-11	1.38E-10	7.99E-11	7.89E-11	7.15E-11	3.26E-11	3.17E-11	0.00E+00	0.00E+00	1.47E-11	2.68E-12	1.70E-11	2.62E-12	2.45E-12	3.94E-11
4343	480363.09	3857377.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.03E-11	6.38E-11	2.91E-11	2.82E-11	0.00E+00	0.00E+00	1.31E-11	2.39E-12	1.51E-11	2.34E-12	2.19E-12	3.52E-11
4344	480863.09	3857377.25	2.56E-07	2.53E-07	2.46E-07	8.88E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.34E-11	6.15E-11	0.00E+00	0.00E+00	2.86E-11	5.20E-12	3.30E-11	5.09E-12	4.76E-12	7.66E-11
4345	481363.09	3857377.25	2.78E-07	2.74E-07	2.67E-07	9.63E-11	2.91E-10	1.68E-10	1.66E-10	1.51E-10	6.87E-11	6.67E-11	0.00E+00	0.00E+00	3.10E-11	5.64E-12	3.58E-11	5.52E-12	5.17E-12	8.30E-11
4346	481863.09	3857377.25	3.28E-07	3.23E-07	3.14E-07	1.13E-10	3.42E-10	1.98E-10	1.96E-10	1.77E-10	8.09E-11	7.86E-11	0.00E+00	0.00E+00	3.65E-11	6.64E-12	4.21E-11	6.50E-12	6.08E-12	9.78E-11
4347	482363.09	3857377.25	3.86E-07	3.81E-07	3.70E-07	1.34E-10	4.03E-10	2.33E-10	2.30E-10	2.09E-10	9.53E-11	9.25E-11	0.00E+00	0.00E+00	4.29E-11	7.82E-12	4.96E-11	7.65E-12	7.16E-12	1.15E-10
4348	482863.09	3857377.25	4.32E-07	4.27E-07	4.14E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	0.00E+00	0.00E+00	4.81E-11	8.77E-12	5.56E-11	8.58E-12	8.03E-12	1.29E-10
4349	483363.09	3857377.25	4.86E-07	4.79E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	0.00E+00	0.00E+00	5.41E-11	9.85E-12	6.25E-11	9.64E-12	9.02E-12	1.45E-10
4350	483863.09	3857377.25	5.50E-07	5.43E-07	5.27E-07	1.90E-10	5.75E-10	3.33E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	0.00E+00	0.00E+00	6.12E-11	1.12E-11	7.08E-11	1.09E-11	1.02E-11	1.64E-10
4351	484363.09	3857377.25	6.26E-07	6.18E-07	6.00E-07	2.17E-10	6.55E-10	3.79E-10	3.74E-10	3.39E-10	1.55E-10	1.50E-10	0.00E+00	0.00E+00	6.97E-11	1.27E-11	8.06E-11	1.24E-11	1.16E-11	1.87E-10
4352	484863.09	3857377.25	7.19E-07	7.10E-07	6.89E-07	2.49E-10	7.51E-10	4.35E-10	4.29E-10	3.89E-10	1.78E-10	1.72E-10	0.00E+00	0.00E+00	8.00E-11	1.46E-11	9.25E-11	1.43E-11	1.34E-11	2.15E-10
4353	485363.09	3857377.25	8.29E-07	8.19E-07	7.95E-07	2.87E-10	8.67E-10	5.02E-10	4.95E-10	4.49E-10	2.05E-10	1.99E-10	0.00E+00	0.00E+00	9.23E-11	1.68E-11	1.07E-10	1.65E-11	1.54E-11	2.48E-10
4354	485863.09	3857377.25	9.61E-07	9.49E-07	9.21E-07	3.33E-10	1.00E-09	5.81E-10	5.74E-10	5.20E-10	2.37E-10	2.31E-10	0.00E+00	0.00E+00	1.07E-10	1.95E-11	1.24E-10	1.91E-11	1.78E-11	2.87E-10
4355	486363.09	3857377.25	1.15E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.28E-10	2.34E-11	1.48E-10	2.29E-11	2.14E-11	3.45E-10
4356	486863.09	3857377.25	1.29E-06	1.28E-06	1.24E-06	4.48E-10	1.35E-09	7.83E-10	7.73E-10	7.01E-10	3.20E-10	3.11E-10	0.00E+00	0.00E+00	1.44E-10	2.62E-11	1.67E-10	2.57E-11	2.40E-11	3.87E-10
4357	487363.09	3857377.25	1.60E-06	1.58E-06	1.53E-06	5.53E-10	1.67E-09	9.67E-10	9.54E-10	8.65E-10	3.95E-10	3.83E-10	0.00E+00	0.00E+00	1.78E-10	3.24E-11	2.05E-10	3.17E-11	2.97E-11	4.77E-10
4358	487863.09	3857377.25	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	0.00E+00	0.00E+00	2.28E-10	4.15E-11	2.64E-10	4.06E-11	3.81E-11	6.12E-10
4359	488363.09	3857377.25	2.25E-06	2.22E-06	2.16E-06	7.79E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	0.00E+00	0.00E+00	2.51E-10	4.56E-11	2.90E-10	4.47E-11	4.18E-11	6.72E-10
4360	488863.09	3857377.25	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.25E-10	0.00E+00	0.00E+00	2.90E-10	5.29E-11	3.35E-10	5.17E-11	4.84E-11	7.79E-10
4361	489363.09	3857377.25	2.98E-06	2.94E-06	2.86E-06	1.03E-09	3.12E-09	1.80E-09	1.78E-09	1.61E-09	7.37E-10	7.15E-10	0.00E+00	0.00E+00	3.32E-10	6.05E-11	3.84E-10	5.92E-11	5.54E-11	8.91E-10
4362	489863.09	3857377.25	3.50E-06	3.46E-06	3.36E-06	1.21E-09	3.66E-09	2.12E-09	2.09E-09	1.90E-09	8.66E-10	8.41E-10	0.00E+00	0.00E+00	3.90E-10	7.10E-11	4.51E-10	6.95E-11	6.51E-11	1.05E-09
4363	490363.09	3857377.25	4.28E-06	4.23E-06	4.10E-06	1.48E-09	4.47E-09	2.59E-09	2.56E-09	2.32E-09	1.06E-09	1.03E-09	0.00E+00	0.00E+00	4.77E-10	8.68E-11	5.51E-10	8.49E-11	7.95E-11	1.28E-09
4364	490863.09	3857377.25	6.08E-06	6.00E-06	5.83E-06	2.10E-09	6.35E-09	3.68E-09	3.63E-09	3.29E-09	1.50E-09	1.46E-09	0.00E+00	0.00E+00	6.77E-10	1.23E-10	7.82E-10	1.21E-10	1.13E-10	1.82E-09
4365	491363.09	3857377.25	1.46E-05	1.44E-05	1.40E-05	5.06E-09	1.53E-08	8.85E-09	8.74E-09	7.92E-09	3.61E-09	3.51E-09	0.00E+00	0.00E+00	1.63E-09	2.97E-10	1.88E-09	2.90E-10	2.72E-10	4.37E-09
4366	491863.09	3857377.25	2.85E-05	2.82E-05	2.74E-05	9.88E-09	2.98E-08	1.73E-08	1.70E-08	1.55E-08	7.05E-09	6.85E-09	0.00E+00	0.00E+00	3.18E-09	5.79E-10	3.67E-09	5.66E-10	5.30E-10	8.52E-09
4367	492363.09	3857377.25	8.67E-06	8.56E-06	8.31E-06	3.00E-09	9.06E-09	5.25E-09	5.18E-09	4.69E-09	2.14E-09	2.08E-09	0.00E+00	0.00E+00	9.65E-10	1.76E-10	1.12E-09	1.72E-10	1.61E-10	2.59E-09
4368	492863.09	3857377.25	4.53E-06	4.47E-06	4.34E-06	1.57E-09	4.73E-09	2.74E-09	2.70E-09	2.45E-09	1.12E-09	1.09E-09	0.00E+00	0.00E+00	5.04E-10	9.17E-11	5.82E-10	8.98E-11	8.41E-11	1.35E-09
4369	493363.09	3857377.25	2.82E-06	2.78E-06	2.70E-06	9.76E-10	2.95E-09	1.71E-09	1.68E-09	1.53E-09	6.96E-10	6.76E-10	0.00E+00	0.00E+00	3.14E-10	5.71E-11	3.63E-10	5.59E-11	5.24E-11	8.42E-10
4370	493863.09	3857377.25	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	0.00E+00	0.00E+00	2.38E-10	4.33E-11	2.74E-10	4.23E-11	3.96E-11	6.37E-10
4371	494363.09	3857377.25	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.82E-10	9.69E-10	8.79E-10	4.01E-10	3.89E-10	0.00E+00	0.00E+00	1.81E-10	3.29E-11	2.09E-10	3.22E-11	3.01E-11	4.85E-10
4372	494863.09	3857377.25	1.34E-06	1.32E-06	1.29E-06	4.64E-10	1.40E-09	8.11E-10	8.01E-10	7.26E-10	3.31E-10	3.22E-10	0.00E+00	0.00E+00	1.49E-10	2.72E-11	1.72E-10	2.66E-11	2.49E-11	4.00E-10
4373	495363.09	3857377.25	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.85E-10	6.76E-10	6.13E-10	2.80E-10	2.72E-10	0.00E+00	0.00E+00	1.26E-10	2.30E-11	1.46E-10	2.25E-11	2.10E-11	3.38E-10
4374	495863.09	3857377.25	1.02E-06	1.00E-06	9.73E-07	3.51E-10	1.06E-09	6.14E-10	6.06E-10	5.50E-10	2.51E-10	2.44E-10	0.00E+00	0.00E+00	1.13E-10	2.06E-11	1.31E-10	2.01E-11	1.89E-11	3.03E-10
4375	496363.09	3857377.25	9.32E-07	9.20E-07	8.93E-07	3.23E-10	9.74E-10	5.64E-10	5.57E-10	5.05E-10	2.30E-10	2.24E-10	0.00E+00	0.00E+00	1.04E-10	1.89E-11	1.20E-10	1.85E-11	1.73E-11	2.78E-10
4376	496863.09	3857377.25	8.74E-07	8.62E-07	8.37E-07	3.02E-10	9.13E-10	5.29E-10	5.22E-10	4.73E-10	2.16E-10	2.10E-10	0.00E+00	0.00E+00	9.73E-11	1.77E-11	1.12E-10	1.73E-11	1.62E-11	2.61E-10
4377	497363.09	3857377.25	8.62E-07	8.51E-07	8.26E-07	2.98E-10	9.01E-10	5.22E-10	5.15E-10	4.67E-10	2.13E-10	2.07E-10	0.00E+00	0.00E+00	9.60E-11	1.75E-11	1.11E-10	1.71E-11	1.60E-11	2.57E-10
4378	497863.09	3857377.25	8.87E-07	8.76E-07	8.50E-07	3.07E-10	9.27E-10	5.37E-10	5.30E-10	4.80E-10	2.19E-10	2.13E-10	0.00E+00	0.00E+00	9.88E-11	1.80E-11	1.14E-10	1.76E-11	1.65E-11	2.65E-10
4379	498363.09	3857377.25	1.05E-06	1.03E-06	1.00E-06	3.62E-10	1.09E-09	6.32E-10	6.24E-10	5.66E-10	2.58E-10	2.51E-10	0.00E+00	0.00E+00	1.16E-10	2.12E-11	1.34E-10	2.07E-11	1.94E-11	3.12E-10
4380	471363.09	3857877.25	8.13E-08	8.03E-08	7.80E-08	2.82E-11	8.50E-11	4.92E-11	4.86E-11	4.40E-11	2.01E-11	1.95E-11	0.00E+00	0.00E+00	9.05E-12	1.65E-12	1.05E-11	1.61E-12	1.51E-12	2.43E-11
4381	471863.09	3857877.25	8.35E-08	8.25E-08	8.01E-08	2.89E-11	8.73E-11	5.06E-11	4.99E-11	4.52E-11	2.06E-11	2.00E-11	0.00E+00	0.00E+00	9.30E-12	1.69E-12	1.07E-11	1.66E-12	1.55E-12	2.49E-11
4382	472363.09	3857877.25	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.71E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
4383	472863.09	3857877.25	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.74E-12	2.79E-11
4384	473363.09	3857877.25	9.77E-08	9.65E-08	9.37E-08	3.38E-11	1.02E-10	5.91E-11	5.84E-11	5.29E-11	2.41E-11	2.34E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.82E-12	2.92E-11
4385	473863.09	3857877.25	1.04E-07	1.03E-07	9.99E-08	3.61E-11	1.09E-10	6.31E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	0.00E+00	0.00E+00	1.16E-11	2.11E-12	1.34E-11	2.07E-12	1.94E-12	3.11E-11
4386	474363.09	3857877.25	9.85E-08	9.72E-08	9.44E-08	3.41E-11	1.03E-10	5.96E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.95E-12	1.83E-12	2.94E-11
4387	474863.09	3857877.25	8.00E-08	7.90E-08	7.67E-08	2.77E-11	8.37E-11	4.84E-11	4.78E-11	4.33E-11	1.98E-11	1.92E-11	0.00E+00	0.00E+00	8.91E-12	1.62E-12	1.03E-11	1.59E-12	1.49E-12	2.39E-11
4388	475363.09	3857877.25	5.27E-08	5.20E-08	5.05E-08	1.82E-11	5.51E-11	3.19E-11	3.15E-11	2.85E-11	1.30E-11	1.26E-11	0.00E+00	0.00E+00	5.87E-12	1.07E-12	6.78E-12	1.05E-12	9.79E-13	1.57E-11
4389	475863.09	3857877.25	2.88E-08	2.84E-08	2.76E-08	9.96E-12	3.01E-11	1.74E-11	1.72E-11	1.56E-11	7.10E-12	6.90E-12	0.00E+00	0.00E+00	3.20E-12	5.83E-13	3.70E-12	5.70E-13	5.34E-13	8.59E-12
4390	476363.09	3857877.25	5.92E-08	5.84E-08	5.67E-08	2.05E-11	6.19E-11	3.58E-11	3.54E-11	3.21E-11	1.46E-11	1.42E-11	0.00E+00	0.00E+00	6.59E-12	1.20E-12	7.62E-12	1.17E-12	1.10E-12	1.77E-11
4391	476863.09	3857877.25	7.01E-08	6.92E-08	6.72E-08	2.43E-11	7.33E-11	4.24E-11	4.19E-11	3.80E-11	1.73E-11	1.68E-11	0.00E+00	0.00E+00	7.81E-12	1.42E-12	9.02E-12	1.39E-12	1.30E-12	2.09E-11
4392	477363.09	3857877.25	7.04E-08	6.95E-08	6.75E-08	2.44E-11	7.36E-11	4.26E-11	4.20E-11	3.81E-11	1.74E-11	1.69E-11	0.00E+00	0.00E+00	7.84E-12	1.43E-12	9.06E-12	1.40E-12	1.31E-12	2.10E-11

4393	477863.09	3857877.25	6.90E-08	6.81E-08	6.61E-08	2.39E-11	7.21E-11	4.17E-11	4.12E-11	3.73E-11	1.70E-11	1.65E-11	0.00E+00	0.00E+00	7.68E-12	1.40E-12	8.87E-12	1.37E-12	1.28E-12	2.06E-11
4394	478363.09	3857877.25	4.41E-08	4.35E-08	4.23E-08	1.53E-11	4.61E-11	2.67E-11	2.63E-11	2.39E-11	1.09E-11	1.06E-11	0.00E+00	0.00E+00	4.91E-12	8.94E-13	5.67E-12	8.75E-13	8.19E-13	1.32E-11
4395	478863.09	3857877.25	3.83E-08	3.78E-08	3.67E-08	1.32E-11	4.00E-11	2.31E-11	2.28E-11	2.07E-11	9.45E-12	9.18E-12	0.00E+00	0.00E+00	4.26E-12	7.76E-13	4.92E-12	7.59E-13	7.11E-13	1.14E-11
4396	479363.09	3857877.25	1.29E-07	1.28E-07	1.24E-07	4.48E-11	1.35E-10	7.83E-11	7.72E-11	7.00E-11	3.20E-11	3.10E-11	0.00E+00	0.00E+00	1.44E-11	2.62E-12	1.66E-11	2.57E-12	2.40E-12	3.86E-11
4397	479863.09	3857877.25	2.02E-07	2.00E-07	1.94E-07	7.00E-11	2.11E-10	1.22E-10	1.21E-10	1.09E-10	5.00E-11	4.85E-11	0.00E+00	0.00E+00	2.25E-11	4.10E-12	2.60E-11	4.01E-12	3.76E-12	6.04E-11
4398	480363.09	3857877.25	2.40E-07	2.37E-07	2.30E-07	8.30E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	0.00E+00	0.00E+00	2.67E-11	4.86E-12	3.08E-11	4.75E-12	4.45E-12	7.16E-11
4399	480863.09	3857877.25	2.63E-07	2.59E-07	2.52E-07	9.10E-11	2.75E-10	1.59E-10	1.57E-10	1.42E-10	6.49E-11	6.31E-11	0.00E+00	0.00E+00	2.93E-11	5.33E-12	3.38E-11	5.21E-12	4.88E-12	7.85E-11
4400	481363.09	3857877.25	2.90E-07	2.87E-07	2.78E-07	1.01E-10	3.03E-10	1.76E-10	1.73E-10	1.57E-10	7.17E-11	6.96E-11	0.00E+00	0.00E+00	3.23E-11	5.88E-12	3.73E-11	5.76E-12	5.39E-12	8.67E-11
4401	481863.09	3857877.25	3.29E-07	3.25E-07	3.15E-07	1.14E-10	3.44E-10	1.99E-10	1.96E-10	1.78E-10	8.12E-11	7.89E-11	0.00E+00	0.00E+00	3.66E-11	6.67E-12	4.23E-11	6.52E-12	6.11E-12	9.82E-11
4402	482363.09	3857877.25	3.84E-07	3.79E-07	3.68E-07	1.33E-10	4.01E-10	2.32E-10	2.29E-10	2.08E-10	9.48E-11	9.21E-11	0.00E+00	0.00E+00	4.27E-11	7.78E-12	4.94E-11	7.61E-12	7.13E-12	1.15E-10
4403	482863.09	3857877.25	4.37E-07	4.31E-07	4.19E-07	1.51E-10	4.57E-10	2.64E-10	2.61E-10	2.37E-10	1.08E-10	1.05E-10	0.00E+00	0.00E+00	4.86E-11	8.86E-12	5.62E-11	8.67E-12	8.12E-12	1.30E-10
4404	483363.09	3857877.25	4.92E-07	4.85E-07	4.71E-07	1.70E-10	5.14E-10	2.98E-10	2.94E-10	2.66E-10	1.22E-10	1.18E-10	0.00E+00	0.00E+00	5.48E-11	9.97E-12	6.33E-11	9.76E-12	9.14E-12	1.47E-10
4405	483863.09	3857877.25	5.61E-07	5.54E-07	5.38E-07	1.94E-10	5.87E-10	3.40E-10	3.35E-10	3.04E-10	1.39E-10	1.35E-10	0.00E+00	0.00E+00	6.25E-11	1.14E-11	7.22E-11	1.11E-11	1.04E-11	1.68E-10
4406	484363.09	3857877.25	6.47E-07	6.39E-07	6.20E-07	2.24E-10	6.77E-10	3.92E-10	3.87E-10	3.50E-10	1.60E-10	1.55E-10	0.00E+00	0.00E+00	7.21E-11	1.31E-11	8.33E-11	1.28E-11	1.20E-11	1.93E-10
4407	484863.09	3857877.25	7.59E-07	7.49E-07	7.27E-07	2.63E-10	7.93E-10	4.59E-10	4.53E-10	4.11E-10	1.87E-10	1.82E-10	0.00E+00	0.00E+00	8.45E-11	1.54E-11	9.76E-11	1.51E-11	1.41E-11	2.27E-10
4408	485363.09	3857877.25	9.05E-07	8.93E-07	8.67E-07	3.13E-10	9.45E-10	5.47E-10	5.40E-10	4.90E-10	2.23E-10	2.17E-10	0.00E+00	0.00E+00	1.01E-10	1.83E-11	1.16E-10	1.79E-11	1.68E-11	2.70E-10
4409	485863.09	3857877.25	1.11E-06	1.09E-06	1.06E-06	3.83E-10	1.16E-09	6.70E-10	6.61E-10	6.00E-10	2.74E-10	2.66E-10	0.00E+00	0.00E+00	1.23E-10	2.24E-11	1.42E-10	2.20E-11	2.06E-11	3.31E-10
4410	486363.09	3857877.25	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.39E-10	7.61E-10	3.47E-10	3.37E-10	0.00E+00	0.00E+00	1.56E-10	2.85E-11	1.81E-10	2.79E-11	2.61E-11	4.20E-10
4411	486863.09	3857877.25	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	0.00E+00	0.00E+00	2.10E-10	3.83E-11	2.43E-10	3.75E-11	3.51E-11	5.65E-10
4412	487363.09	3857877.25	2.80E-06	2.76E-06	2.68E-06	9.69E-10	2.93E-09	1.69E-09	1.67E-09	1.52E-09	6.91E-10	6.71E-10	0.00E+00	0.00E+00	3.12E-10	5.67E-11	3.60E-10	5.55E-11	5.20E-11	8.36E-10
4413	487863.09	3857877.25	4.63E-06	4.57E-06	4.43E-06	1.60E-09	4.83E-09	2.80E-09	2.76E-09	2.50E-09	1.14E-09	1.11E-09	0.00E+00	0.00E+00	5.15E-10	9.38E-11	5.95E-10	9.17E-11	8.59E-11	1.38E-09
4414	488363.09	3857877.25	6.44E-06	6.35E-06	6.17E-06	2.23E-09	6.73E-09	3.89E-09	3.84E-09	3.48E-09	1.59E-09	1.54E-09	0.00E+00	0.00E+00	7.17E-10	1.30E-10	8.28E-10	1.28E-10	1.20E-10	1.92E-09
4415	488863.09	3857877.25	8.60E-06	8.49E-06	8.24E-06	2.98E-09	8.99E-09	5.20E-09	5.14E-09	4.66E-09	2.12E-09	2.06E-09	0.00E+00	0.00E+00	9.58E-10	1.74E-10	1.11E-09	1.71E-10	1.60E-10	2.57E-09
4416	489363.09	3857877.25	8.70E-06	8.59E-06	8.34E-06	3.01E-09	9.10E-09	5.27E-09	5.20E-09	4.71E-09	2.15E-09	2.09E-09	0.00E+00	0.00E+00	9.69E-10	1.76E-10	1.12E-09	1.73E-10	1.62E-10	2.60E-09
4417	489863.09	3857877.25	8.88E-06	8.76E-06	8.51E-06	3.07E-09	9.28E-09	5.37E-09	5.30E-09	4.81E-09	2.19E-09	2.13E-09	0.00E+00	0.00E+00	9.88E-10	1.80E-10	1.14E-09	1.76E-10	1.65E-10	2.65E-09
4418	490363.09	3857877.25	1.02E-05	1.00E-05	9.74E-06	3.52E-09	1.06E-08	6.15E-09	6.07E-09	5.50E-09	2.51E-09	2.44E-09	0.00E+00	0.00E+00	1.13E-09	2.06E-10	1.31E-09	2.02E-10	1.89E-10	3.04E-09
4419	490863.09	3857877.25	1.39E-05	1.38E-05	1.34E-05	4.82E-09	1.46E-08	8.43E-09	8.32E-09	7.54E-09	3.44E-09	3.34E-09	0.00E+00	0.00E+00	1.55E-09	2.82E-10	1.79E-09	2.76E-10	2.59E-10	4.16E-09
4420	491363.09	3857877.25	7.14E-05	7.05E-05	6.85E-05	2.47E-08	7.47E-08	4.32E-08	4.27E-08	3.87E-08	1.76E-08	1.71E-08	0.00E+00	0.00E+00	7.95E-09	1.45E-09	9.19E-09	1.42E-09	1.33E-09	2.13E-08
4421	491863.09	3857877.25	1.73E-05	1.70E-05	1.65E-05	5.98E-09	1.80E-08	1.04E-08	1.03E-08	9.35E-09	4.26E-09	4.14E-09	0.00E+00	0.00E+00	1.92E-09	3.50E-10	2.22E-09	3.42E-10	3.21E-10	5.16E-09
4422	492363.09	3857877.25	7.12E-06	7.02E-06	6.82E-06	2.46E-09	7.44E-09	4.31E-09	4.25E-09	3.85E-09	1.76E-09	1.71E-09	0.00E+00	0.00E+00	7.92E-10	1.44E-10	9.15E-10	1.41E-10	1.32E-10	2.12E-09
4423	492863.09	3857877.25	4.07E-06	4.02E-06	3.90E-06	1.41E-09	4.26E-09	2.46E-09	2.43E-09	2.20E-09	1.01E-09	9.77E-10	0.00E+00	0.00E+00	4.53E-10	8.26E-11	5.24E-10	8.08E-11	7.56E-11	1.22E-09
4424	493363.09	3857877.25	2.98E-06	2.94E-06	2.86E-06	1.03E-09	3.12E-09	1.81E-09	1.78E-09	1.61E-09	7.37E-10	7.16E-10	0.00E+00	0.00E+00	3.32E-10	6.05E-11	3.84E-10	5.92E-11	5.54E-11	8.91E-10
4425	493863.09	3857877.25	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	0.00E+00	0.00E+00	2.65E-10	4.82E-11	3.06E-10	4.72E-11	4.42E-11	7.10E-10
4426	494363.09	3857877.25	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	0.00E+00	0.00E+00	2.19E-10	3.99E-11	2.53E-10	3.91E-11	3.66E-11	5.88E-10
4427	494863.09	3857877.25	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	0.00E+00	0.00E+00	1.74E-10	3.18E-11	2.02E-10	3.11E-11	2.91E-11	4.68E-10
4428	495363.09	3857877.25	1.37E-06	1.35E-06	1.31E-06	4.73E-10	1.43E-09	8.27E-10	8.16E-10	7.40E-10	3.38E-10	3.28E-10	0.00E+00	0.00E+00	1.52E-10	2.77E-11	1.76E-10	2.71E-11	2.54E-11	4.08E-10
4429	495863.09	3857877.25	1.21E-06	1.19E-06	1.16E-06	4.17E-10	1.26E-09	7.29E-10	7.20E-10	6.53E-10	2.98E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.44E-11	1.55E-10	2.39E-11	2.24E-11	3.60E-10
4430	496363.09	3857877.25	1.13E-06	1.12E-06	1.08E-06	3.91E-10	1.18E-09	6.84E-10	6.75E-10	6.12E-10	2.79E-10	2.71E-10	0.00E+00	0.00E+00	1.26E-10	2.29E-11	1.45E-10	2.24E-11	2.10E-11	3.37E-10
4431	496863.09	3857877.25	1.07E-06	1.05E-06	1.02E-06	3.69E-10	1.12E-09	6.46E-10	6.37E-10	5.78E-10	2.64E-10	2.56E-10	0.00E+00	0.00E+00	1.19E-10	2.16E-11	1.37E-10	2.12E-11	1.98E-11	3.19E-10
4432	497363.09	3857877.25	1.00E-06	9.87E-07	9.58E-07	3.46E-10	1.04E-09	6.05E-10	5.97E-10	5.41E-10	2.47E-10	2.40E-10	0.00E+00	0.00E+00	1.11E-10	2.03E-11	1.29E-10	1.98E-11	1.86E-11	2.98E-10
4433	497863.09	3857877.25	1.08E-06	1.07E-06	1.04E-06	3.75E-10	1.13E-09	6.56E-10	6.48E-10	5.87E-10	2.68E-10	2.60E-10	0.00E+00	0.00E+00	1.21E-10	2.20E-11	1.39E-10	2.15E-11	2.01E-11	3.24E-10
4434	498363.09	3857877.25	1.18E-06	1.17E-06	1.13E-06	4.10E-10	1.24E-09	7.16E-10	7.07E-10	6.41E-10	2.92E-10	2.84E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.35E-11	2.20E-11	3.54E-10
4435	471363.09	3858377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
4436	471863.09	3858377.25	8.26E-08	8.16E-08	7.92E-08	2.86E-11	8.64E-11	5.00E-11	4.93E-11	4.47E-11	2.04E-11	1.98E-11	0.00E+00	0.00E+00	9.20E-12	1.68E-12	1.06E-11	1.64E-12	1.53E-12	2.47E-11
4437	472363.09	3858377.25	8.54E-08	8.43E-08	8.18E-08	2.96E-11	8.92E-11	5.17E-11	5.10E-11	4.62E-11	2.11E-11	2.05E-11	0.00E+00	0.00E+00	9.50E-12	1.73E-12	1.10E-11	1.69E-12	1.59E-12	2.55E-11
4438	472863.09	3858377.25	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.83E-12	1.16E-11	1.79E-12	1.67E-12	2.69E-11
4439	473363.09	3858377.25	9.89E-08	9.76E-08	9.48E-08	3.42E-11	1.03E-10	5.98E-11	5.91E-11	5.35E-11	2.44E-11	2.37E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.96E-12	1.84E-12	2.95E-11
4440	473863.09	3858377.25	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.98E-12	1.85E-12	2.98E-11
4441	474363.09	3858377.25	9.21E-08	9.09E-08	8.83E-08	3.19E-11	9.63E-11	5.57E-11	5.50E-11	4.99E-11	2.28E-11	2.21E-11	0.00E+00	0.00E+00	1.03E-11	1.87E-12	1.19E-11	1.83E-12	1.71E-12	2.75E-11
4442	474863.09	3858377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
4443	475363.09	3858377.25	6.19E-08	6.11E-08	5.94E-08	2.14E-11	6.47E-11	3.75E-11	3.70E-11	3.35E-11	1.53E-11	1.49E-11	0.00E+00	0.00E+00	6.90E-12	1.26E-12	7.97E-12	1.23E-12	1.15E-12	1.85E-11
4444	475863.09	3858377.25	4.89E-08	4.83E-08	4.69E-08	1.69E-11	5.11E-11	2.96E-11	2.92E-11	2.65E-11	1.21E-11	1.17E-11	0.00E+00	0.00E+00	5.45E-12	9.92E-13	6.29E-12	9.71E-13	9.09E-13	1.46E-11
4445	476363.09	3858377.25	5.30E-08	5.23E-08	5.08E-08	1.83E-11	5.54E-11	3.20E-11	3.16E-11	2.87E-11	1.31E-11	1.27E-11	0.00E+00	0.00E+00	5.90E-12	1.07E-12	6.81E-12	1.05E-12	9.84E-13	1.58E-11

4446	476863.09	3858377.25	5.70E-08	5.63E-08	5.46E-08	1.97E-11	5.96E-11	3.45E-11	3.40E-11	3.09E-11	1.41E-11	1.37E-11	0.00E+00	0.00E+00	6.34E-12	1.16E-12	7.33E-12	1.13E-12	1.06E-12	1.70E-11
4447	477363.09	3858377.25	5.58E-08	5.51E-08	5.35E-08	1.93E-11	5.84E-11	3.38E-11	3.33E-11	3.02E-11	1.38E-11	1.34E-11	0.00E+00	0.00E+00	6.21E-12	1.13E-12	7.18E-12	1.11E-12	1.04E-12	1.67E-11
4448	477863.09	3858377.25	7.12E-08	7.03E-08	6.82E-08	2.46E-11	7.44E-11	4.31E-11	4.25E-11	3.85E-11	1.76E-11	1.71E-11	0.00E+00	0.00E+00	7.92E-12	1.44E-12	9.16E-12	1.41E-12	1.32E-12	2.13E-11
4449	478363.09	3858377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	0.00E+00	0.00E+00	8.50E-12	1.55E-12	9.83E-12	1.52E-12	1.42E-12	2.28E-11
4450	478863.09	3858377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	0.00E+00	0.00E+00	6.37E-12	1.16E-12	7.36E-12	1.14E-12	1.06E-12	1.71E-11
4451	479363.09	3858377.25	1.34E-07	1.32E-07	1.29E-07	4.64E-11	1.40E-10	8.12E-11	8.01E-11	7.26E-11	3.31E-11	3.22E-11	0.00E+00	0.00E+00	1.49E-11	2.72E-12	1.73E-11	2.66E-12	2.49E-12	4.01E-11
4452	479863.09	3858377.25	2.07E-07	2.04E-07	1.98E-07	7.17E-11	2.16E-10	1.25E-10	1.24E-10	1.12E-10	5.11E-11	4.97E-11	0.00E+00	0.00E+00	2.30E-11	4.20E-12	2.66E-11	4.11E-12	3.85E-12	6.18E-11
4453	480363.09	3858377.25	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	0.00E+00	0.00E+00	2.68E-11	4.89E-12	3.10E-11	4.78E-12	4.48E-12	7.20E-11
4454	480863.09	3858377.25	2.62E-07	2.58E-07	2.51E-07	9.06E-11	2.74E-10	1.58E-10	1.56E-10	1.42E-10	6.47E-11	6.28E-11	0.00E+00	0.00E+00	2.91E-11	5.31E-12	3.37E-11	5.19E-12	4.86E-12	7.82E-11
4455	481363.09	3858377.25	2.90E-07	2.86E-07	2.78E-07	1.00E-10	3.03E-10	1.76E-10	1.73E-10	1.57E-10	7.16E-11	6.96E-11	0.00E+00	0.00E+00	3.23E-11	5.88E-12	3.73E-11	5.75E-12	5.39E-12	8.66E-11
4456	481863.09	3858377.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	0.00E+00	0.00E+00	3.54E-11	6.44E-12	4.09E-11	6.30E-12	5.90E-12	9.49E-11
4457	482363.09	3858377.25	3.59E-07	3.54E-07	3.44E-07	1.24E-10	3.75E-10	2.17E-10	2.14E-10	1.94E-10	8.87E-11	8.61E-11	0.00E+00	0.00E+00	4.00E-11	7.28E-12	4.62E-11	7.12E-12	6.67E-12	1.07E-10
4458	482863.09	3858377.25	4.24E-07	4.19E-07	4.07E-07	1.47E-10	4.44E-10	2.57E-10	2.53E-10	2.30E-10	1.05E-10	1.02E-10	0.00E+00	0.00E+00	4.73E-11	8.60E-12	5.46E-11	8.42E-12	7.88E-12	1.27E-10
4459	483363.09	3858377.25	4.90E-07	4.83E-07	4.69E-07	1.69E-10	5.12E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	0.00E+00	0.00E+00	5.45E-11	9.92E-12	6.30E-11	9.71E-12	9.09E-12	1.46E-10
4460	483863.09	3858377.25	5.56E-07	5.48E-07	5.32E-07	1.92E-10	5.81E-10	3.36E-10	3.32E-10	3.01E-10	1.37E-10	1.33E-10	0.00E+00	0.00E+00	6.18E-11	1.13E-11	7.15E-11	1.10E-11	1.03E-11	1.66E-10
4461	484363.09	3858377.25	6.45E-07	6.37E-07	6.18E-07	2.23E-10	6.74E-10	3.90E-10	3.85E-10	3.49E-10	1.59E-10	1.55E-10	0.00E+00	0.00E+00	7.18E-11	1.31E-11	8.30E-11	1.28E-11	1.20E-11	1.93E-10
4462	484863.09	3858377.25	7.61E-07	7.51E-07	7.29E-07	2.63E-10	7.95E-10	4.60E-10	4.54E-10	4.12E-10	1.88E-10	1.83E-10	0.00E+00	0.00E+00	8.47E-11	1.54E-11	9.79E-11	1.51E-11	1.41E-11	2.27E-10
4463	485363.09	3858377.25	9.13E-07	9.01E-07	8.75E-07	3.16E-10	9.54E-10	5.53E-10	5.45E-10	4.94E-10	2.26E-10	2.19E-10	0.00E+00	0.00E+00	1.02E-10	1.85E-11	1.17E-10	1.81E-11	1.70E-11	2.73E-10
4464	485863.09	3858377.25	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.86E-10	6.77E-10	6.14E-10	2.80E-10	2.72E-10	0.00E+00	0.00E+00	1.26E-10	2.30E-11	1.46E-10	2.25E-11	2.11E-11	3.39E-10
4465	486363.09	3858377.25	1.47E-06	1.45E-06	1.41E-06	5.08E-10	1.53E-09	8.88E-10	8.76E-10	7.94E-10	3.62E-10	3.52E-10	0.00E+00	0.00E+00	1.63E-10	2.97E-11	1.89E-10	2.91E-11	2.73E-11	4.38E-10
4466	486863.09	3858377.25	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	0.00E+00	0.00E+00	2.24E-10	4.07E-11	2.58E-10	3.98E-11	3.73E-11	6.00E-10
4467	487363.09	3858377.25	3.15E-06	3.11E-06	3.02E-06	1.09E-09	3.30E-09	1.91E-09	1.88E-09	1.71E-09	7.79E-10	7.56E-10	0.00E+00	0.00E+00	3.51E-10	6.39E-11	4.06E-10	6.26E-11	5.86E-11	9.42E-10
4468	487863.09	3858377.25	7.32E-06	7.22E-06	7.02E-06	2.53E-09	7.65E-09	4.43E-09	4.37E-09	3.96E-09	1.81E-09	1.76E-09	0.00E+00	0.00E+00	8.15E-10	1.48E-10	9.42E-10	1.45E-10	1.36E-10	2.19E-09
4469	488363.09	3858377.25	2.15E-05	2.12E-05	2.06E-05	7.43E-09	2.24E-08	1.30E-08	1.28E-08	1.16E-08	5.30E-09	5.15E-09	0.00E+00	0.00E+00	2.39E-09	4.35E-10	2.76E-09	4.26E-10	3.99E-10	6.41E-09
4470	488863.09	3858377.25	4.45E-05	4.39E-05	4.26E-05	1.54E-08	4.65E-08	2.69E-08	2.66E-08	2.41E-08	1.10E-08	1.07E-08	0.00E+00	0.00E+00	4.95E-09	9.01E-10	5.72E-09	8.82E-10	8.26E-10	1.33E-08
4471	489363.09	3858377.25	5.00E-05	4.94E-05	4.79E-05	1.73E-08	5.23E-08	3.03E-08	2.99E-08	2.71E-08	1.24E-08	1.20E-08	0.00E+00	0.00E+00	5.57E-09	1.01E-09	6.43E-09	9.92E-10	9.29E-10	1.49E-08
4472	489863.09	3858377.25	9.14E-05	9.02E-05	8.76E-05	3.16E-08	9.55E-08	5.53E-08	5.46E-08	4.95E-08	2.26E-08	2.19E-08	0.00E+00	0.00E+00	1.02E-08	1.85E-09	1.18E-08	1.81E-09	1.70E-09	2.73E-08
4473	490363.09	3858377.25	8.11E-05	8.01E-05	7.78E-05	2.81E-08	8.48E-08	4.91E-08	4.85E-08	4.39E-08	2.00E-08	1.95E-08	0.00E+00	0.00E+00	9.03E-09	1.64E-09	1.04E-08	1.61E-09	1.51E-09	2.42E-08
4474	490863.09	3858377.25	6.17E-05	6.09E-05	5.92E-05	2.14E-08	6.45E-08	3.73E-08	3.69E-08	3.34E-08	1.52E-08	1.48E-08	0.00E+00	0.00E+00	6.87E-09	1.25E-09	7.94E-09	1.22E-09	1.15E-09	1.84E-08
4475	491363.09	3858377.25	2.59E-05	2.55E-05	2.48E-05	8.95E-09	2.70E-08	1.56E-08	1.54E-08	1.40E-08	6.39E-09	6.20E-09	0.00E+00	0.00E+00	2.88E-09	5.24E-10	3.33E-09	5.13E-10	4.80E-10	7.72E-09
4476	491863.09	3858377.25	1.04E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.32E-09	6.24E-09	5.65E-09	2.58E-09	2.51E-09	0.00E+00	0.00E+00	1.16E-09	2.12E-10	1.34E-09	2.07E-10	1.94E-10	3.12E-09
4477	492363.09	3858377.25	4.96E-06	4.90E-06	4.76E-06	1.72E-09	5.19E-09	3.00E-09	2.96E-09	2.69E-09	1.23E-09	1.19E-09	0.00E+00	0.00E+00	5.53E-10	1.01E-10	6.39E-10	9.85E-11	9.22E-11	1.48E-09
4478	492863.09	3858377.25	4.51E-06	4.45E-06	4.32E-06	1.56E-09	4.71E-09	2.73E-09	2.69E-09	2.44E-09	1.11E-09	1.08E-09	0.00E+00	0.00E+00	5.02E-10	9.14E-11	5.80E-10	8.95E-11	8.38E-11	1.35E-09
4479	493363.09	3858377.25	3.36E-06	3.32E-06	3.22E-06	1.16E-09	3.51E-09	2.03E-09	2.01E-09	1.82E-09	8.30E-10	8.06E-10	0.00E+00	0.00E+00	3.74E-10	6.81E-11	4.32E-10	6.66E-11	6.24E-11	1.00E-09
4480	493863.09	3858377.25	2.75E-06	2.71E-06	2.63E-06	9.51E-10	2.87E-09	1.66E-09	1.64E-09	1.49E-09	6.78E-10	6.59E-10	0.00E+00	0.00E+00	3.06E-10	5.57E-11	3.53E-10	5.45E-11	5.10E-11	8.20E-10
4481	494363.09	3858377.25	2.22E-06	2.20E-06	2.13E-06	7.70E-10	2.32E-09	1.35E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	0.00E+00	0.00E+00	2.48E-10	4.51E-11	2.86E-10	4.41E-11	4.13E-11	6.64E-10
4482	494863.09	3858377.25	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	0.00E+00	0.00E+00	2.06E-10	3.75E-11	2.38E-10	3.67E-11	3.44E-11	5.53E-10
4483	495363.09	3858377.25	1.52E-06	1.50E-06	1.45E-06	5.25E-10	1.59E-09	9.18E-10	9.06E-10	8.22E-10	3.75E-10	3.64E-10	0.00E+00	0.00E+00	1.69E-10	3.08E-11	1.95E-10	3.01E-11	2.82E-11	4.53E-10
4484	495863.09	3858377.25	1.38E-06	1.36E-06	1.32E-06	4.78E-10	1.44E-09	8.36E-10	8.25E-10	7.48E-10	3.41E-10	3.31E-10	0.00E+00	0.00E+00	1.54E-10	2.80E-11	1.78E-10	2.74E-11	2.56E-11	4.12E-10
4485	496363.09	3858377.25	1.25E-06	1.24E-06	1.20E-06	4.34E-10	1.31E-09	7.59E-10	7.49E-10	6.79E-10	3.10E-10	3.01E-10	0.00E+00	0.00E+00	1.40E-10	2.54E-11	1.61E-10	2.49E-11	2.33E-11	3.75E-10
4486	496863.09	3858377.25	1.23E-06	1.22E-06	1.18E-06	4.28E-10	1.29E-09	7.47E-10	7.37E-10	6.69E-10	3.05E-10	2.96E-10	0.00E+00	0.00E+00	1.37E-10	2.50E-11	1.59E-10	2.45E-11	2.29E-11	3.69E-10
4487	497363.09	3858377.25	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.02E-10	6.37E-10	2.90E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.51E-10
4488	497863.09	3858377.25	1.24E-06	1.23E-06	1.19E-06	4.30E-10	1.30E-09	7.51E-10	7.41E-10	6.72E-10	3.07E-10	2.98E-10	0.00E+00	0.00E+00	1.38E-10	2.52E-11	1.60E-10	2.46E-11	2.31E-11	3.71E-10
4489	498363.09	3858377.25	1.36E-06	1.34E-06	1.31E-06	4.72E-10	1.42E-09	8.24E-10	8.14E-10	7.38E-10	3.37E-10	3.27E-10	0.00E+00	0.00E+00	1.52E-10	2.76E-11	1.75E-10	2.70E-11	2.53E-11	4.07E-10
4490	471363.09	3858877.25	7.48E-08	7.39E-08	7.17E-08	2.59E-11	7.82E-11	4.53E-11	4.47E-11	4.05E-11	1.85E-11	1.79E-11	0.00E+00	0.00E+00	8.33E-12	1.52E-12	9.62E-12	1.48E-12	1.39E-12	2.23E-11
4491	471863.09	3858877.25	7.69E-08	7.59E-08	7.37E-08	2.66E-11	8.04E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	0.00E+00	0.00E+00	8.56E-12	1.56E-12	9.89E-12	1.53E-12	1.43E-12	2.30E-11
4492	472363.09	3858877.25	8.17E-08	8.07E-08	7.83E-08	2.83E-11	8.54E-11	4.94E-11	4.88E-11	4.42E-11	2.02E-11	1.96E-11	0.00E+00	0.00E+00	9.10E-12	1.66E-12	1.05E-11	1.62E-12	1.52E-12	2.44E-11
4493	472863.09	3858877.25	8.63E-08	8.52E-08	8.27E-08	2.99E-11	9.02E-11	5.22E-11	5.15E-11	4.67E-11	2.13E-11	2.07E-11	0.00E+00	0.00E+00	9.60E-12	1.75E-12	1.11E-11	1.71E-12	1.60E-12	2.58E-11
4494	473363.09	3858877.25	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
4495	473863.09	3858877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.22E-11	1.89E-12	1.77E-12	2.84E-11
4496	474363.09	3858877.25	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	0.00E+00	0.00E+00	1.01E-11	1.85E-12	1.17E-11	1.81E-12	1.69E-12	2.72E-11
4497	474863.09	3858877.25	5.90E-08	5.82E-08	5.65E-08	2.04E-11	6.16E-11	3.57E-11	3.52E-11	3.19E-11	1.46E-11	1.41E-11	0.00E+00	0.00E+00	6.56E-12	1.19E-12	7.58E-12	1.17E-12	1.09E-12	1.76E-11
4498	475363.09	3858877.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.36E-12	9.76E-13	6.19E-12	9.55E-13	8.94E-13	1.44E-11

4499	475863.09	3858877.25	5.40E-08	5.33E-08	5.18E-08	1.87E-11	5.64E-11	3.27E-11	3.23E-11	2.92E-11	1.33E-11	1.30E-11	0.00E+00	0.00E+00	6.01E-12	1.09E-12	6.95E-12	1.07E-12	1.00E-12	1.61E-11
4500	476363.09	3858877.25	3.79E-08	3.74E-08	3.63E-08	1.31E-11	3.96E-11	2.29E-11	2.26E-11	2.05E-11	9.35E-12	9.08E-12	0.00E+00	0.00E+00	4.22E-12	7.68E-13	4.87E-12	7.51E-13	7.03E-13	1.13E-11
4501	476863.09	3858877.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	0.00E+00	0.00E+00	5.08E-12	9.26E-13	5.88E-12	9.06E-13	8.48E-13	1.36E-11
4502	477363.09	3858877.25	4.80E-08	4.74E-08	4.60E-08	1.66E-11	5.02E-11	2.91E-11	2.87E-11	2.60E-11	1.19E-11	1.15E-11	0.00E+00	0.00E+00	5.35E-12	9.73E-13	6.18E-12	9.52E-13	8.92E-13	1.43E-11
4503	477863.09	3858877.25	5.82E-08	5.74E-08	5.58E-08	2.01E-11	6.08E-11	3.52E-11	3.47E-11	3.15E-11	1.44E-11	1.40E-11	0.00E+00	0.00E+00	6.48E-12	1.18E-12	7.48E-12	1.15E-12	1.08E-12	1.74E-11
4504	478363.09	3858877.25	1.00E-07	9.92E-08	9.63E-08	3.48E-11	1.05E-10	6.08E-11	6.00E-11	5.44E-11	2.48E-11	2.41E-11	0.00E+00	0.00E+00	1.12E-11	2.04E-12	1.29E-11	1.99E-12	1.87E-12	3.00E-11
4505	478863.09	3858877.25	9.14E-08	9.02E-08	8.76E-08	3.16E-11	9.55E-11	5.53E-11	5.46E-11	4.95E-11	2.26E-11	2.19E-11	0.00E+00	0.00E+00	1.02E-11	1.85E-12	1.18E-11	1.81E-12	1.70E-12	2.73E-11
4506	479363.09	3858877.25	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	0.00E+00	0.00E+00	8.85E-12	1.61E-12	1.02E-11	1.58E-12	1.48E-12	2.37E-11
4507	479863.09	3858877.25	2.11E-07	2.08E-07	2.02E-07	7.31E-11	2.21E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	0.00E+00	0.00E+00	2.35E-11	4.28E-12	2.71E-11	4.19E-12	3.92E-12	6.30E-11
4508	480363.09	3858877.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	0.00E+00	0.00E+00	2.66E-11	4.85E-12	3.08E-11	4.74E-12	4.44E-12	7.14E-11
4509	480863.09	3858877.25	2.66E-07	2.63E-07	2.55E-07	9.22E-11	2.78E-10	1.61E-10	1.59E-10	1.44E-10	6.58E-11	6.39E-11	0.00E+00	0.00E+00	2.96E-11	5.40E-12	3.42E-11	5.28E-12	4.95E-12	7.95E-11
4510	481363.09	3858877.25	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.59E-10	7.27E-11	7.06E-11	0.00E+00	0.00E+00	3.28E-11	5.96E-12	3.78E-11	5.84E-12	5.46E-12	8.79E-11
4511	481863.09	3858877.25	3.28E-07	3.24E-07	3.14E-07	1.13E-10	3.43E-10	1.98E-10	1.96E-10	1.77E-10	8.10E-11	7.86E-11	0.00E+00	0.00E+00	3.65E-11	6.64E-12	4.22E-11	6.50E-12	6.09E-12	9.79E-11
4512	482363.09	3858877.25	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.19E-10	2.17E-10	1.96E-10	8.96E-11	8.70E-11	0.00E+00	0.00E+00	4.04E-11	7.35E-12	4.66E-11	7.19E-12	6.74E-12	1.08E-10
4513	482863.09	3858877.25	4.12E-07	4.07E-07	3.95E-07	1.43E-10	4.31E-10	2.49E-10	2.46E-10	2.23E-10	1.02E-10	9.89E-11	0.00E+00	0.00E+00	4.59E-11	8.35E-12	5.30E-11	8.17E-12	7.65E-12	1.23E-10
4514	483363.09	3858877.25	4.90E-07	4.84E-07	4.70E-07	1.70E-10	5.12E-10	2.96E-10	2.93E-10	2.65E-10	1.21E-10	1.18E-10	0.00E+00	0.00E+00	5.45E-11	9.93E-12	6.30E-11	9.72E-12	9.10E-12	1.46E-10
4515	483863.09	3858877.25	5.55E-07	5.48E-07	5.32E-07	1.92E-10	5.80E-10	3.36E-10	3.32E-10	3.01E-10	1.37E-10	1.33E-10	0.00E+00	0.00E+00	6.18E-11	1.13E-11	7.14E-11	1.10E-11	1.03E-11	1.66E-10
4516	484363.09	3858877.25	6.43E-07	6.34E-07	6.16E-07	2.22E-10	6.72E-10	3.89E-10	3.84E-10	3.48E-10	1.59E-10	1.54E-10	0.00E+00	0.00E+00	7.15E-11	1.30E-11	8.27E-11	1.27E-11	1.19E-11	1.92E-10
4517	484863.09	3858877.25	7.57E-07	7.47E-07	7.26E-07	2.62E-10	7.91E-10	4.58E-10	4.52E-10	4.10E-10	1.87E-10	1.82E-10	0.00E+00	0.00E+00	8.43E-11	1.53E-11	9.74E-11	1.50E-11	1.41E-11	2.26E-10
4518	485363.09	3858877.25	9.12E-07	9.00E-07	8.74E-07	3.16E-10	9.53E-10	5.52E-10	5.44E-10	4.93E-10	2.25E-10	2.19E-10	0.00E+00	0.00E+00	1.01E-10	1.85E-11	1.17E-10	1.81E-11	1.69E-11	2.72E-10
4519	485863.09	3858877.25	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.18E-10	2.82E-10	2.74E-10	0.00E+00	0.00E+00	1.27E-10	2.31E-11	1.47E-10	2.26E-11	2.12E-11	3.41E-10
4520	486363.09	3858877.25	1.47E-06	1.45E-06	1.41E-06	5.08E-10	1.53E-09	8.88E-10	8.77E-10	7.95E-10	3.63E-10	3.52E-10	0.00E+00	0.00E+00	1.63E-10	2.98E-11	1.89E-10	2.91E-11	2.73E-11	4.38E-10
4521	486863.09	3858877.25	1.99E-06	1.96E-06	1.90E-06	6.87E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.76E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.55E-10	3.94E-11	3.69E-11	5.93E-10
4522	487363.09	3858877.25	2.83E-06	2.79E-06	2.71E-06	9.80E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	6.99E-10	6.79E-10	0.00E+00	0.00E+00	3.15E-10	5.74E-11	3.64E-10	5.62E-11	5.26E-11	8.46E-10
4523	487863.09	3858877.25	4.43E-06	4.37E-06	4.25E-06	1.53E-09	4.63E-09	2.68E-09	2.65E-09	2.40E-09	1.09E-09	1.06E-09	0.00E+00	0.00E+00	4.93E-10	8.98E-11	5.70E-10	8.79E-11	8.23E-11	1.32E-09
4524	488363.09	3858877.25	7.70E-06	7.60E-06	7.38E-06	2.67E-09	8.05E-09	4.66E-09	4.60E-09	4.17E-09	1.90E-09	1.85E-09	0.00E+00	0.00E+00	8.57E-10	1.56E-10	9.90E-10	1.53E-10	1.43E-10	2.30E-09
4525	488863.09	3858877.25	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.03E-08	4.72E-09	4.59E-09	0.00E+00	0.00E+00	2.13E-09	3.87E-10	2.46E-09	3.79E-10	3.55E-10	5.71E-09
4526	489363.09	3858877.25	7.56E-05	7.46E-05	7.24E-05	2.62E-08	7.90E-08	4.57E-08	4.51E-08	4.09E-08	1.87E-08	1.81E-08	0.00E+00	0.00E+00	8.41E-09	1.53E-09	9.72E-09	1.50E-09	1.40E-09	2.26E-08
4527	489863.09	3858877.25	2.49E-05	2.46E-05	2.39E-05	8.63E-09	2.61E-08	1.51E-08	1.49E-08	1.35E-08	6.16E-09	5.98E-09	0.00E+00	0.00E+00	2.78E-09	5.05E-10	3.21E-09	4.95E-10	4.63E-10	7.45E-09
4528	490363.09	3858877.25	1.70E-05	1.68E-05	1.63E-05	5.88E-09	1.78E-08	1.03E-08	1.01E-08	9.19E-09	4.20E-09	4.07E-09	0.00E+00	0.00E+00	1.89E-09	3.44E-10	2.18E-09	3.37E-10	3.15E-10	5.07E-09
4529	490863.09	3858877.25	1.21E-05	1.20E-05	1.16E-05	4.20E-09	1.27E-08	7.34E-09	7.25E-09	6.57E-09	3.00E-09	2.91E-09	0.00E+00	0.00E+00	1.35E-09	2.46E-10	1.56E-09	2.41E-10	2.25E-10	3.62E-09
4530	491363.09	3858877.25	7.20E-06	7.10E-06	6.90E-06	2.49E-09	7.52E-09	4.36E-09	4.30E-09	3.90E-09	1.78E-09	1.73E-09	0.00E+00	0.00E+00	8.01E-10	1.46E-10	9.26E-10	1.43E-10	1.34E-10	2.15E-09
4531	491863.09	3858877.25	4.29E-06	4.23E-06	4.11E-06	1.48E-09	4.48E-09	2.60E-09	2.56E-09	2.32E-09	1.06E-09	1.03E-09	0.00E+00	0.00E+00	4.78E-10	8.70E-11	5.52E-10	8.51E-11	7.97E-11	1.28E-09
4532	492363.09	3858877.25	4.74E-06	4.68E-06	4.54E-06	1.64E-09	4.96E-09	2.87E-09	2.83E-09	2.57E-09	1.17E-09	1.14E-09	0.00E+00	0.00E+00	5.28E-10	9.61E-11	6.10E-10	9.41E-11	8.81E-11	1.42E-09
4533	492863.09	3858877.25	5.18E-06	5.11E-06	4.96E-06	1.79E-09	5.41E-09	3.13E-09	3.09E-09	2.80E-09	1.28E-09	1.24E-09	0.00E+00	0.00E+00	5.76E-10	1.05E-10	6.66E-10	1.03E-10	9.61E-11	1.55E-09
4534	493363.09	3858877.25	4.13E-06	4.08E-06	3.96E-06	1.43E-09	4.32E-09	2.50E-09	2.47E-09	2.24E-09	1.02E-09	9.92E-10	0.00E+00	0.00E+00	4.60E-10	8.38E-11	5.32E-10	8.20E-11	7.68E-11	1.23E-09
4535	493863.09	3858877.25	2.93E-06	2.89E-06	2.81E-06	1.02E-09	3.07E-09	1.77E-09	1.75E-09	1.59E-09	7.24E-10	7.03E-10	0.00E+00	0.00E+00	3.26E-10	5.94E-11	3.77E-10	5.82E-11	5.45E-11	8.76E-10
4536	494363.09	3858877.25	2.49E-06	2.45E-06	2.38E-06	8.61E-10	2.60E-09	1.50E-09	1.49E-09	1.35E-09	6.14E-10	5.97E-10	0.00E+00	0.00E+00	2.77E-10	5.04E-11	3.20E-10	4.93E-11	4.62E-11	7.43E-10
4537	494863.09	3858877.25	2.06E-06	2.03E-06	1.97E-06	7.12E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	0.00E+00	0.00E+00	2.29E-10	4.17E-11	2.65E-10	4.08E-11	3.82E-11	6.14E-10
4538	495363.09	3858877.25	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.34E-10	4.26E-10	4.14E-10	0.00E+00	0.00E+00	1.92E-10	3.50E-11	2.22E-10	3.42E-11	3.20E-11	5.15E-10
4539	495863.09	3858877.25	1.54E-06	1.52E-06	1.48E-06	5.33E-10	1.61E-09	9.32E-10	9.20E-10	8.34E-10	3.81E-10	3.70E-10	0.00E+00	0.00E+00	1.72E-10	3.12E-11	1.98E-10	3.06E-11	2.86E-11	4.60E-10
4540	496363.09	3858877.25	1.44E-06	1.42E-06	1.38E-06	4.99E-10	1.51E-09	8.72E-10	8.60E-10	7.80E-10	3.56E-10	3.46E-10	0.00E+00	0.00E+00	1.60E-10	2.92E-11	1.85E-10	2.86E-11	2.68E-11	4.30E-10
4541	496863.09	3858877.25	1.35E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.09E-10	7.33E-10	3.35E-10	3.25E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.74E-10	2.69E-11	2.52E-11	4.04E-10
4542	497363.09	3858877.25	1.27E-06	1.26E-06	1.22E-06	4.41E-10	1.33E-09	7.71E-10	7.61E-10	6.90E-10	3.15E-10	3.06E-10	0.00E+00	0.00E+00	1.42E-10	2.58E-11	1.64E-10	2.53E-11	2.37E-11	3.80E-10
4543	497863.09	3858877.25	1.38E-06	1.37E-06	1.33E-06	4.79E-10	1.45E-09	8.38E-10	8.27E-10	7.50E-10	3.42E-10	3.32E-10	0.00E+00	0.00E+00	1.54E-10	2.81E-11	1.78E-10	2.75E-11	2.57E-11	4.13E-10
4544	498363.09	3858877.25	1.48E-06	1.46E-06	1.42E-06	5.11E-10	1.54E-09	8.94E-10	8.82E-10	8.00E-10	3.65E-10	3.54E-10	0.00E+00	0.00E+00	1.64E-10	2.99E-11	1.90E-10	2.93E-11	2.74E-11	4.41E-10
4545	471363.09	3859377.25	7.81E-08	7.71E-08	7.48E-08	2.70E-11	8.16E-11	4.72E-11	4.66E-11	4.23E-11	1.93E-11	1.87E-11	0.00E+00	0.00E+00	8.69E-12	1.58E-12	1.00E-11	1.55E-12	1.45E-12	2.33E-11
4546	471863.09	3859377.25	8.17E-08	8.07E-08	7.83E-08	2.83E-11	8.54E-11	4.94E-11	4.88E-11	4.42E-11	2.02E-11	1.96E-11	0.00E+00	0.00E+00	9.10E-12	1.66E-12	1.05E-11	1.62E-12	1.52E-12	2.44E-11
4547	472363.09	3859377.25	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.69E-12	1.76E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
4548	472863.09	3859377.25	9.21E-08	9.09E-08	8.83E-08	3.19E-11	9.63E-11	5.57E-11	5.50E-11	4.99E-11	2.28E-11	2.21E-11	0.00E+00	0.00E+00	1.03E-11	1.87E-12	1.19E-11	1.83E-12	1.71E-12	2.75E-11
4549	473363.09	3859377.25	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
4550	473863.09	3859377.25	1.03E-07	1.01E-07	9.83E-08	3.55E-11	1.07E-10	6.20E-11	6.12E-11	5.55E-11	2.53E-11	2.46E-11	0.00E+00	0.00E+00	1.14E-11	2.08E-12	1.32E-11	2.03E-12	1.90E-12	3.06E-11
4551	474363.09	3859377.25	9.76E-08	9.63E-08	9.35E-08	3.38E-11	1.02E-10	5.91E-11	5.83E-11	5.28E-11	2.41E-11	2.34E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.81E-12	2.91E-11

4552	474863.09	3859377.25	8.20E-08	8.09E-08	7.86E-08	2.84E-11	8.57E-11	4.96E-11	4.90E-11	4.44E-11	2.03E-11	1.97E-11	0.00E+00	0.00E+00	9.13E-12	1.66E-12	1.05E-11	1.63E-12	1.52E-12	2.45E-11
4553	475363.09	3859377.25	6.23E-08	6.15E-08	5.97E-08	2.16E-11	6.52E-11	3.77E-11	3.72E-11	3.37E-11	1.54E-11	1.50E-11	0.00E+00	0.00E+00	6.94E-12	1.26E-12	8.02E-12	1.24E-12	1.16E-12	1.86E-11
4554	475863.09	3859377.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	0.00E+00	0.00E+00	4.93E-12	8.97E-13	5.69E-12	8.78E-13	8.22E-13	1.32E-11
4555	476363.09	3859377.25	4.03E-08	3.98E-08	3.87E-08	1.40E-11	4.22E-11	2.44E-11	2.41E-11	2.18E-11	9.96E-12	9.68E-12	0.00E+00	0.00E+00	4.49E-12	8.18E-13	5.19E-12	8.00E-13	7.49E-13	1.20E-11
4556	476863.09	3859377.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	0.00E+00	0.00E+00	3.78E-12	6.88E-13	4.37E-12	6.74E-13	6.31E-13	1.01E-11
4557	477363.09	3859377.25	3.70E-08	3.65E-08	3.54E-08	1.28E-11	3.86E-11	2.24E-11	2.21E-11	2.00E-11	9.13E-12	8.86E-12	0.00E+00	0.00E+00	4.11E-12	7.49E-13	4.75E-12	7.33E-13	6.86E-13	1.10E-11
4558	477863.09	3859377.25	6.34E-08	6.25E-08	6.07E-08	2.19E-11	6.62E-11	3.83E-11	3.78E-11	3.43E-11	1.57E-11	1.52E-11	0.00E+00	0.00E+00	7.05E-12	1.28E-12	8.15E-12	1.26E-12	1.18E-12	1.89E-11
4559	478363.09	3859377.25	9.40E-08	9.27E-08	9.00E-08	3.25E-11	9.82E-11	5.69E-11	5.61E-11	5.09E-11	2.32E-11	2.25E-11	0.00E+00	0.00E+00	1.05E-11	1.90E-12	1.21E-11	1.86E-12	1.75E-12	2.81E-11
4560	478863.09	3859377.25	1.36E-07	1.34E-07	1.30E-07	4.71E-11	1.42E-10	8.23E-11	8.12E-11	7.36E-11	3.36E-11	3.26E-11	0.00E+00	0.00E+00	1.51E-11	2.76E-12	1.75E-11	2.70E-12	2.53E-12	4.06E-11
4561	479363.09	3859377.25	1.77E-07	1.75E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	0.00E+00	0.00E+00	1.97E-11	3.58E-12	2.27E-11	3.51E-12	3.28E-12	5.28E-11
4562	479863.09	3859377.25	2.14E-07	2.12E-07	2.06E-07	7.42E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.14E-11	0.00E+00	0.00E+00	2.39E-11	4.35E-12	2.76E-11	4.25E-12	3.98E-12	6.40E-11
4563	480363.09	3859377.25	2.50E-07	2.47E-07	2.40E-07	8.67E-11	2.62E-10	1.51E-10	1.50E-10	1.36E-10	6.18E-11	6.01E-11	0.00E+00	0.00E+00	2.79E-11	5.08E-12	3.22E-11	4.97E-12	4.65E-12	7.48E-11
4564	480863.09	3859377.25	2.79E-07	2.75E-07	2.68E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.70E-11	0.00E+00	0.00E+00	3.11E-11	5.66E-12	3.59E-11	5.54E-12	5.18E-12	8.34E-11
4565	481363.09	3859377.25	3.08E-07	3.04E-07	2.95E-07	1.07E-10	3.22E-10	1.86E-10	1.84E-10	1.67E-10	7.61E-11	7.39E-11	0.00E+00	0.00E+00	3.43E-11	6.24E-12	3.96E-11	6.11E-12	5.72E-12	9.19E-11
4566	481863.09	3859377.25	3.39E-07	3.35E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.84E-10	8.37E-11	8.13E-11	0.00E+00	0.00E+00	3.77E-11	6.87E-12	4.36E-11	6.72E-12	6.30E-12	1.01E-10
4567	482363.09	3859377.25	3.73E-07	3.68E-07	3.58E-07	1.29E-10	3.90E-10	2.26E-10	2.23E-10	2.02E-10	9.22E-11	8.96E-11	0.00E+00	0.00E+00	4.16E-11	7.57E-12	4.80E-11	7.41E-12	6.93E-12	1.11E-10
4568	482863.09	3859377.25	4.19E-07	4.14E-07	4.02E-07	1.45E-10	4.38E-10	2.54E-10	2.50E-10	2.27E-10	1.04E-10	1.01E-10	0.00E+00	0.00E+00	4.67E-11	8.50E-12	5.39E-11	8.32E-12	7.79E-12	1.25E-10
4569	483363.09	3859377.25	4.83E-07	4.77E-07	4.63E-07	1.67E-10	5.05E-10	2.93E-10	2.89E-10	2.62E-10	1.19E-10	1.16E-10	0.00E+00	0.00E+00	5.38E-11	9.80E-12	6.22E-11	9.59E-12	8.98E-12	1.44E-10
4570	483863.09	3859377.25	5.46E-07	5.39E-07	5.24E-07	1.89E-10	5.71E-10	3.31E-10	3.26E-10	2.96E-10	1.35E-10	1.31E-10	0.00E+00	0.00E+00	6.08E-11	1.11E-11	7.03E-11	1.08E-11	1.01E-11	1.63E-10
4571	484363.09	3859377.25	6.33E-07	6.24E-07	6.06E-07	2.19E-10	6.61E-10	3.83E-10	3.78E-10	3.43E-10	1.56E-10	1.52E-10	0.00E+00	0.00E+00	7.04E-11	1.28E-11	8.14E-11	1.25E-11	1.18E-11	1.89E-10
4572	484863.09	3859377.25	7.45E-07	7.35E-07	7.14E-07	2.58E-10	7.79E-10	4.51E-10	4.45E-10	4.03E-10	1.84E-10	1.79E-10	0.00E+00	0.00E+00	8.29E-11	1.51E-11	9.58E-11	1.48E-11	1.38E-11	2.23E-10
4573	485363.09	3859377.25	8.92E-07	8.80E-07	8.55E-07	3.09E-10	9.32E-10	5.40E-10	5.32E-10	4.83E-10	2.20E-10	2.14E-10	0.00E+00	0.00E+00	9.93E-11	1.81E-11	1.15E-10	1.77E-11	1.66E-11	2.66E-10
4574	485863.09	3859377.25	1.10E-06	1.08E-06	1.05E-06	3.80E-10	1.15E-09	6.64E-10	6.55E-10	5.94E-10	2.71E-10	2.63E-10	0.00E+00	0.00E+00	1.22E-10	2.22E-11	1.41E-10	2.18E-11	2.04E-11	3.28E-10
4575	486363.09	3859377.25	1.35E-06	1.33E-06	1.30E-06	4.68E-10	1.41E-09	8.18E-10	8.08E-10	7.32E-10	3.34E-10	3.24E-10	0.00E+00	0.00E+00	1.51E-10	2.74E-11	1.74E-10	2.68E-11	2.51E-11	4.04E-10
4576	486863.09	3859377.25	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.43E-10	4.30E-10	4.18E-10	0.00E+00	0.00E+00	1.94E-10	3.53E-11	2.24E-10	3.46E-11	3.24E-11	5.20E-10
4577	487363.09	3859377.25	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.64E-10	4.80E-11	3.05E-10	4.70E-11	4.40E-11	7.08E-10
4578	487863.09	3859377.25	3.31E-06	3.27E-06	3.18E-06	1.15E-09	3.46E-09	2.00E-09	1.98E-09	1.79E-09	8.18E-10	7.95E-10	0.00E+00	0.00E+00	3.69E-10	6.72E-11	4.26E-10	6.57E-11	6.15E-11	9.89E-10
4579	488363.09	3859377.25	4.75E-06	4.68E-06	4.55E-06	1.64E-09	4.96E-09	2.87E-09	2.83E-09	2.57E-09	1.17E-09	1.14E-09	0.00E+00	0.00E+00	5.28E-10	9.62E-11	6.10E-10	9.41E-11	8.82E-11	1.42E-09
4580	488863.09	3859377.25	9.29E-06	9.17E-06	8.90E-06	3.22E-09	9.71E-09	5.62E-09	5.55E-09	5.03E-09	2.29E-09	2.23E-09	0.00E+00	0.00E+00	1.03E-09	1.88E-10	1.19E-09	1.84E-10	1.73E-10	2.77E-09
4581	489363.09	3859377.25	4.21E-05	4.15E-05	4.03E-05	1.46E-08	4.40E-08	2.55E-08	2.51E-08	2.28E-08	1.04E-08	1.01E-08	0.00E+00	0.00E+00	4.69E-09	8.53E-10	5.41E-09	8.35E-10	7.82E-10	1.26E-08
4582	489863.09	3859377.25	1.51E-05	1.49E-05	1.44E-05	5.21E-09	1.57E-08	9.11E-09	9.00E-09	8.15E-09	3.72E-09	3.61E-09	0.00E+00	0.00E+00	1.68E-09	3.05E-10	1.94E-09	2.99E-10	2.80E-10	4.50E-09
4583	490363.09	3859377.25	1.01E-05	1.00E-05	9.72E-06	3.51E-09	1.06E-08	6.14E-09	6.06E-09	5.49E-09	2.51E-09	2.43E-09	0.00E+00	0.00E+00	1.13E-09	2.06E-10	1.30E-09	2.01E-10	1.88E-10	3.03E-09
4584	490863.09	3859377.25	7.30E-06	7.21E-06	7.00E-06	2.53E-09	7.63E-09	4.42E-09	4.36E-09	3.95E-09	1.80E-09	1.75E-09	0.00E+00	0.00E+00	8.13E-10	1.48E-10	9.39E-10	1.45E-10	1.36E-10	2.18E-09
4585	491363.09	3859377.25	4.20E-06	4.15E-06	4.03E-06	1.45E-09	4.39E-09	2.54E-09	2.51E-09	2.28E-09	1.04E-09	1.01E-09	0.00E+00	0.00E+00	4.68E-10	8.52E-11	5.41E-10	8.34E-11	7.81E-11	1.25E-09
4586	491863.09	3859377.25	4.98E-06	4.91E-06	4.77E-06	1.72E-09	5.20E-09	3.01E-09	2.97E-09	2.69E-09	1.23E-09	1.19E-09	0.00E+00	0.00E+00	5.54E-10	1.01E-10	6.40E-10	9.87E-11	9.24E-11	1.49E-09
4587	492363.09	3859377.25	4.49E-06	4.43E-06	4.31E-06	1.56E-09	4.70E-09	2.72E-09	2.68E-09	2.43E-09	1.11E-09	1.08E-09	0.00E+00	0.00E+00	5.00E-10	9.11E-11	5.78E-10	8.91E-11	8.34E-11	1.34E-09
4588	492863.09	3859377.25	4.14E-06	4.09E-06	3.97E-06	1.43E-09	4.33E-09	2.51E-09	2.48E-09	2.24E-09	1.02E-09	9.94E-10	0.00E+00	0.00E+00	4.61E-10	8.40E-11	5.33E-10	8.22E-11	7.70E-11	1.24E-09
4589	493363.09	3859377.25	3.49E-06	3.44E-06	3.34E-06	1.21E-09	3.64E-09	2.11E-09	2.08E-09	1.89E-09	8.61E-10	8.36E-10	0.00E+00	0.00E+00	3.88E-10	7.07E-11	4.48E-10	6.92E-11	6.48E-11	1.04E-09
4590	493863.09	3859377.25	3.18E-06	3.14E-06	3.05E-06	1.10E-09	3.32E-09	1.92E-09	1.90E-09	1.72E-09	7.85E-10	7.62E-10	0.00E+00	0.00E+00	3.54E-10	6.44E-11	4.09E-10	6.30E-11	5.90E-11	9.49E-10
4591	494363.09	3859377.25	2.76E-06	2.73E-06	2.65E-06	9.57E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.83E-10	6.63E-10	0.00E+00	0.00E+00	3.08E-10	5.60E-11	3.55E-10	5.48E-11	5.13E-11	8.25E-10
4592	494863.09	3859377.25	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	0.00E+00	0.00E+00	2.44E-10	4.45E-11	2.82E-10	4.35E-11	4.07E-11	6.55E-10
4593	495363.09	3859377.25	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	0.00E+00	0.00E+00	2.22E-10	4.05E-11	2.57E-10	3.96E-11	3.71E-11	5.97E-10
4594	495863.09	3859377.25	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.56E-11	2.26E-10	3.49E-11	3.27E-11	5.25E-10
4595	496363.09	3859377.25	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.10E-10	4.15E-10	4.03E-10	0.00E+00	0.00E+00	1.87E-10	3.41E-11	2.16E-10	3.33E-11	3.12E-11	5.02E-10
4596	496863.09	3859377.25	1.43E-06	1.41E-06	1.37E-06	4.96E-10	1.50E-09	8.67E-10	8.56E-10	7.76E-10	3.54E-10	3.44E-10	0.00E+00	0.00E+00	1.60E-10	2.91E-11	1.84E-10	2.84E-11	2.66E-11	4.28E-10
4597	497363.09	3859377.25	1.44E-06	1.42E-06	1.38E-06	4.98E-10	1.50E-09	8.71E-10	8.60E-10	7.79E-10	3.56E-10	3.45E-10	0.00E+00	0.00E+00	1.60E-10	2.92E-11	1.85E-10	2.86E-11	2.67E-11	4.30E-10
4598	497863.09	3859377.25	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.15E-10	9.03E-10	8.18E-10	3.73E-10	3.63E-10	0.00E+00	0.00E+00	1.68E-10	3.06E-11	1.94E-10	3.00E-11	2.81E-11	4.51E-10
4599	498363.09	3859377.25	1.51E-06	1.49E-06	1.44E-06	5.22E-10	1.58E-09	9.12E-10	9.00E-10	8.16E-10	3.72E-10	3.61E-10	0.00E+00	0.00E+00	1.68E-10	3.05E-11	1.94E-10	2.99E-11	2.80E-11	4.50E-10
4600	471363.09	3859877.25	8.51E-08	8.40E-08	8.16E-08	2.95E-11	8.90E-11	5.15E-11	5.08E-11	4.61E-11	2.10E-11	2.04E-11	0.00E+00	0.00E+00	9.47E-12	1.73E-12	1.09E-11	1.69E-12	1.58E-12	2.54E-11
4601	471863.09	3859877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.97E-12	1.81E-12	1.15E-11	1.78E-12	1.66E-12	2.67E-11
4602	472363.09	3859877.25	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	0.00E+00	0.00E+00	1.04E-11	1.90E-12	1.21E-11	1.86E-12	1.74E-12	2.80E-11
4603	472863.09	3859877.25	9.97E-08	9.84E-08	9.55E-08	3.45E-11	1.04E-10	6.03E-11	5.95E-11	5.40E-11	2.46E-11	2.39E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.98E-12	1.85E-12	2.98E-11
4604	473363.09	3859877.25	1.06E-07	1.04E-07	1.01E-07	3.65E-11	1.10E-10	6.39E-11	6.30E-11	5.71E-11	2.61E-11	2.53E-11	0.00E+00	0.00E+00	1.17E-11	2.14E-12	1.36E-11	2.09E-12	1.96E-12	3.15E-11

4605	473863.09	3859877.25	1.11E-07	1.10E-07	1.06E-07	3.84E-11	1.16E-10	6.72E-11	6.63E-11	6.01E-11	2.74E-11	2.66E-11	0.00E+00	0.00E+00	1.24E-11	2.25E-12	1.43E-11	2.20E-12	2.06E-12	3.31E-11
4606	474363.09	3859877.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.45E-11	5.85E-11	2.67E-11	2.59E-11	0.00E+00	0.00E+00	1.20E-11	2.19E-12	1.39E-11	2.14E-12	2.01E-12	3.23E-11
4607	474863.09	3859877.25	9.88E-08	9.75E-08	9.47E-08	3.42E-11	1.03E-10	5.98E-11	5.90E-11	5.35E-11	2.44E-11	2.37E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.96E-12	1.83E-12	2.95E-11
4608	475363.09	3859877.25	7.11E-08	7.01E-08	6.81E-08	2.46E-11	7.43E-11	4.30E-11	4.24E-11	3.85E-11	1.76E-11	1.70E-11	0.00E+00	0.00E+00	7.91E-12	1.44E-12	9.14E-12	1.41E-12	1.32E-12	2.12E-11
4609	475863.09	3859877.25	4.16E-08	4.11E-08	3.99E-08	1.44E-11	4.35E-11	2.52E-11	2.49E-11	2.25E-11	1.03E-11	9.99E-12	0.00E+00	0.00E+00	4.64E-12	8.44E-13	5.36E-12	8.26E-13	7.73E-13	1.24E-11
4610	476363.09	3859877.25	2.75E-08	2.71E-08	2.63E-08	9.51E-12	2.87E-11	1.66E-11	1.64E-11	1.49E-11	6.78E-12	6.59E-12	0.00E+00	0.00E+00	3.06E-12	5.57E-13	3.53E-12	5.45E-13	5.10E-13	8.20E-12
4611	476863.09	3859877.25	3.14E-08	3.10E-08	3.01E-08	1.09E-11	3.28E-11	1.90E-11	1.87E-11	1.70E-11	7.75E-12	7.52E-12	0.00E+00	0.00E+00	3.49E-12	6.36E-13	4.03E-12	6.22E-13	5.82E-13	9.37E-12
4612	477363.09	3859877.25	3.37E-08	3.33E-08	3.23E-08	1.17E-11	3.52E-11	2.04E-11	2.01E-11	1.82E-11	8.33E-12	8.08E-12	0.00E+00	0.00E+00	3.75E-12	6.83E-13	4.34E-12	6.69E-13	6.26E-13	1.01E-11
4613	477863.09	3859877.25	5.66E-08	5.59E-08	5.43E-08	1.96E-11	5.92E-11	3.43E-11	3.38E-11	3.06E-11	1.40E-11	1.36E-11	0.00E+00	0.00E+00	6.30E-12	1.15E-12	7.28E-12	1.12E-12	1.05E-12	1.69E-11
4614	478363.09	3859877.25	9.17E-08	9.05E-08	8.79E-08	3.18E-11	9.59E-11	5.55E-11	5.48E-11	4.97E-11	2.27E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.70E-12	2.74E-11
4615	478863.09	3859877.25	1.34E-07	1.32E-07	1.28E-07	4.62E-11	1.40E-10	8.08E-11	7.97E-11	7.23E-11	3.30E-11	3.20E-11	0.00E+00	0.00E+00	1.49E-11	2.71E-12	1.72E-11	2.65E-12	2.48E-12	3.99E-11
4616	479363.09	3859877.25	1.80E-07	1.77E-07	1.72E-07	6.22E-11	1.88E-10	1.09E-10	1.07E-10	9.72E-11	4.44E-11	4.31E-11	0.00E+00	0.00E+00	2.00E-11	3.64E-12	2.31E-11	3.56E-12	3.34E-12	5.36E-11
4617	479863.09	3859877.25	2.15E-07	2.12E-07	2.06E-07	7.43E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.15E-11	0.00E+00	0.00E+00	2.39E-11	4.35E-12	2.76E-11	4.26E-12	3.99E-12	6.41E-11
4618	480363.09	3859877.25	2.45E-07	2.42E-07	2.35E-07	8.49E-11	2.56E-10	1.48E-10	1.46E-10	1.33E-10	6.06E-11	5.88E-11	0.00E+00	0.00E+00	2.73E-11	4.97E-12	3.16E-11	4.87E-12	4.56E-12	7.33E-11
4619	480863.09	3859877.25	2.71E-07	2.67E-07	2.59E-07	9.37E-11	2.83E-10	1.64E-10	1.62E-10	1.47E-10	6.69E-11	6.49E-11	0.00E+00	0.00E+00	3.01E-11	5.49E-12	3.48E-11	5.37E-12	5.03E-12	8.08E-11
4620	481363.09	3859877.25	2.98E-07	2.94E-07	2.86E-07	1.03E-10	3.12E-10	1.80E-10	1.78E-10	1.61E-10	7.36E-11	7.15E-11	0.00E+00	0.00E+00	3.32E-11	6.04E-12	3.83E-11	5.91E-12	5.54E-12	8.90E-11
4621	481863.09	3859877.25	3.28E-07	3.24E-07	3.14E-07	1.14E-10	3.43E-10	1.98E-10	1.96E-10	1.78E-10	8.10E-11	7.87E-11	0.00E+00	0.00E+00	3.65E-11	6.65E-12	4.22E-11	6.50E-12	6.09E-12	9.79E-11
4622	482363.09	3859877.25	3.66E-07	3.61E-07	3.51E-07	1.27E-10	3.83E-10	2.21E-10	2.19E-10	1.98E-10	9.04E-11	8.78E-11	0.00E+00	0.00E+00	4.07E-11	7.42E-12	4.71E-11	7.26E-12	6.80E-12	1.09E-10
4623	482863.09	3859877.25	4.14E-07	4.09E-07	3.97E-07	1.43E-10	4.33E-10	2.50E-10	2.47E-10	2.24E-10	1.02E-10	9.93E-11	0.00E+00	0.00E+00	4.61E-11	8.39E-12	5.32E-11	8.21E-12	7.69E-12	1.24E-10
4624	483363.09	3859877.25	4.73E-07	4.67E-07	4.54E-07	1.64E-10	4.95E-10	2.86E-10	2.83E-10	2.56E-10	1.17E-10	1.14E-10	0.00E+00	0.00E+00	5.27E-11	9.59E-12	6.09E-11	9.39E-12	8.79E-12	1.41E-10
4625	483863.09	3859877.25	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.67E-10	3.28E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	0.00E+00	0.00E+00	6.04E-11	1.10E-11	6.98E-11	1.08E-11	1.01E-11	1.62E-10
4626	484363.09	3859877.25	6.27E-07	6.19E-07	6.01E-07	2.17E-10	6.55E-10	3.79E-10	3.74E-10	3.39E-10	1.55E-10	1.50E-10	0.00E+00	0.00E+00	6.98E-11	1.27E-11	8.06E-11	1.24E-11	1.16E-11	1.87E-10
4627	484863.09	3859877.25	7.44E-07	7.34E-07	7.13E-07	2.58E-10	7.78E-10	4.50E-10	4.44E-10	4.03E-10	1.84E-10	1.78E-10	0.00E+00	0.00E+00	8.28E-11	1.51E-11	9.57E-11	1.48E-11	1.38E-11	2.22E-10
4628	485363.09	3859877.25	8.70E-07	8.59E-07	8.34E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	0.00E+00	0.00E+00	9.69E-11	1.76E-11	1.12E-10	1.73E-11	1.62E-11	2.60E-10
4629	485863.09	3859877.25	1.03E-06	1.02E-06	9.88E-07	3.57E-10	1.08E-09	6.24E-10	6.16E-10	5.58E-10	2.55E-10	2.47E-10	0.00E+00	0.00E+00	1.15E-10	2.09E-11	1.33E-10	2.04E-11	1.91E-11	3.08E-10
4630	486363.09	3859877.25	1.25E-06	1.23E-06	1.20E-06	4.32E-10	1.30E-09	7.55E-10	7.45E-10	6.75E-10	3.08E-10	2.99E-10	0.00E+00	0.00E+00	1.39E-10	2.53E-11	1.60E-10	2.47E-11	2.32E-11	3.72E-10
4631	486863.09	3859877.25	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.35E-10	9.23E-10	8.37E-10	3.82E-10	3.71E-10	0.00E+00	0.00E+00	1.72E-10	3.13E-11	1.99E-10	3.07E-11	2.87E-11	4.62E-10
4632	487363.09	3859877.25	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	0.00E+00	0.00E+00	2.06E-10	3.76E-11	2.38E-10	3.68E-11	3.44E-11	5.54E-10
4633	487863.09	3859877.25	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	0.00E+00	0.00E+00	2.63E-10	4.80E-11	3.04E-10	4.69E-11	4.40E-11	7.07E-10
4634	488363.09	3859877.25	3.05E-06	3.01E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.54E-10	7.32E-10	0.00E+00	0.00E+00	3.40E-10	6.19E-11	3.93E-10	6.05E-11	5.67E-11	9.11E-10
4635	488863.09	3859877.25	4.39E-06	4.34E-06	4.21E-06	1.52E-09	4.59E-09	2.66E-09	2.62E-09	2.38E-09	1.08E-09	1.05E-09	0.00E+00	0.00E+00	4.89E-10	8.90E-11	5.65E-10	8.71E-11	8.16E-11	1.31E-09
4636	489363.09	3859877.25	7.86E-06	7.76E-06	7.53E-06	2.72E-09	8.22E-09	4.76E-09	4.69E-09	4.26E-09	1.94E-09	1.89E-09	0.00E+00	0.00E+00	8.75E-10	1.59E-10	1.01E-09	1.56E-10	1.46E-10	2.35E-09
4637	489863.09	3859877.25	5.44E-06	5.37E-06	5.21E-06	1.88E-09	5.68E-09	3.29E-09	3.25E-09	2.94E-09	1.34E-09	1.30E-09	0.00E+00	0.00E+00	6.05E-10	1.10E-10	6.99E-10	1.08E-10	1.01E-10	1.62E-09
4638	490363.09	3859877.25	4.82E-06	4.76E-06	4.62E-06	1.67E-09	5.04E-09	2.92E-09	2.88E-09	2.61E-09	1.19E-09	1.16E-09	0.00E+00	0.00E+00	5.36E-10	9.77E-11	6.20E-10	9.56E-11	8.95E-11	1.44E-09
4639	490863.09	3859877.25	4.95E-06	4.88E-06	4.74E-06	1.71E-09	5.17E-09	2.99E-09	2.95E-09	2.68E-09	1.22E-09	1.19E-09	0.00E+00	0.00E+00	5.51E-10	1.00E-10	6.36E-10	9.81E-11	9.19E-11	1.48E-09
4640	491363.09	3859877.25	4.53E-06	4.47E-06	4.34E-06	1.57E-09	4.74E-09	2.74E-09	2.71E-09	2.45E-09	1.12E-09	1.09E-09	0.00E+00	0.00E+00	5.04E-10	9.19E-11	5.83E-10	8.99E-11	8.42E-11	1.35E-09
4641	491863.09	3859877.25	3.85E-06	3.80E-06	3.69E-06	1.33E-09	4.03E-09	2.33E-09	2.30E-09	2.09E-09	9.52E-10	9.24E-10	0.00E+00	0.00E+00	4.29E-10	7.81E-11	4.96E-10	7.64E-11	7.16E-11	1.15E-09
4642	492363.09	3859877.25	3.46E-06	3.42E-06	3.32E-06	1.20E-09	3.62E-09	2.09E-09	2.07E-09	1.87E-09	8.55E-10	8.30E-10	0.00E+00	0.00E+00	3.85E-10	7.02E-11	4.45E-10	6.87E-11	6.43E-11	1.03E-09
4643	492863.09	3859877.25	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.90E-09	1.87E-09	1.70E-09	7.74E-10	7.52E-10	0.00E+00	0.00E+00	3.49E-10	6.35E-11	4.03E-10	6.21E-11	5.82E-11	9.36E-10
4644	493363.09	3859877.25	2.88E-06	2.84E-06	2.76E-06	9.96E-10	3.01E-09	1.74E-09	1.72E-09	1.56E-09	7.11E-10	6.90E-10	0.00E+00	0.00E+00	3.20E-10	5.83E-11	3.70E-10	5.71E-11	5.35E-11	8.59E-10
4645	493863.09	3859877.25	2.65E-06	2.61E-06	2.54E-06	9.17E-10	2.77E-09	1.60E-09	1.58E-09	1.43E-09	6.54E-10	6.35E-10	0.00E+00	0.00E+00	2.95E-10	5.37E-11	3.41E-10	5.25E-11	4.92E-11	7.91E-10
4646	494363.09	3859877.25	2.39E-06	2.36E-06	2.30E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.74E-10	0.00E+00	0.00E+00	2.67E-10	4.85E-11	3.08E-10	4.75E-11	4.45E-11	7.15E-10
4647	494863.09	3859877.25	2.23E-06	2.20E-06	2.13E-06	7.70E-10	2.33E-09	1.35E-09	1.33E-09	1.20E-09	5.50E-10	5.34E-10	0.00E+00	0.00E+00	2.48E-10	4.51E-11	2.86E-10	4.41E-11	4.13E-11	6.64E-10
4648	495363.09	3859877.25	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.11E-11	2.61E-10	4.03E-11	3.77E-11	6.06E-10
4649	495863.09	3859877.25	1.84E-06	1.81E-06	1.76E-06	6.35E-10	1.92E-09	1.11E-09	1.10E-09	9.93E-10	4.53E-10	4.40E-10	0.00E+00	0.00E+00	2.04E-10	3.72E-11	2.36E-10	3.64E-11	3.41E-11	5.48E-10
4650	496363.09	3859877.25	1.58E-06	1.56E-06	1.51E-06	5.47E-10	1.65E-09	9.56E-10	9.44E-10	8.55E-10	3.90E-10	3.79E-10	0.00E+00	0.00E+00	1.76E-10	3.20E-11	2.03E-10	3.13E-11	2.93E-11	4.72E-10
4651	496863.09	3859877.25	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.79E-10	6.70E-10	6.07E-10	2.77E-10	2.69E-10	0.00E+00	0.00E+00	1.25E-10	2.27E-11	1.44E-10	2.22E-11	2.08E-11	3.35E-10
4652	497363.09	3859877.25	1.34E-06	1.32E-06	1.29E-06	4.65E-10	1.40E-09	8.12E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	0.00E+00	0.00E+00	1.49E-10	2.72E-11	1.73E-10	2.66E-11	2.49E-11	4.01E-10
4653	497863.09	3859877.25	1.46E-06	1.44E-06	1.40E-06	5.04E-10	1.52E-09	8.81E-10	8.70E-10	7.89E-10	3.60E-10	3.49E-10	0.00E+00	0.00E+00	1.62E-10	2.95E-11	1.87E-10	2.89E-11	2.71E-11	4.35E-10
4654	498363.09	3859877.25	1.41E-06	1.40E-06	1.36E-06	4.90E-10	1.48E-09	8.56E-10	8.45E-10	7.66E-10	3.49E-10	3.39E-10	0.00E+00	0.00E+00	1.57E-10	2.87E-11	1.82E-10	2.81E-11	2.63E-11	4.22E-10
4655	471363.09	3860377.25	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.83E-12	1.16E-11	1.79E-12	1.67E-12	2.69E-11
4656	471863.09	3860377.25	9.41E-08	9.29E-08	9.02E-08	3.26E-11	9.83E-11	5.69E-11	5.62E-11	5.09E-11	2.32E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.81E-11
4657	472363.09	3860377.25	9.86E-08	9.74E-08	9.45E-08	3.41E-11	1.03E-10	5.97E-11	5.89E-11	5.34E-11	2.44E-11	2.37E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.96E-12	1.83E-12	2.95E-11

4658	472863.09	3860377.25	1.04E-07	1.02E-07	9.94E-08	3.59E-11	1.08E-10	6.28E-11	6.19E-11	5.61E-11	2.56E-11	2.49E-11	0.00E+00	0.00E+00	1.15E-11	2.10E-12	1.33E-11	2.06E-12	1.93E-12	3.10E-11
4659	473363.09	3860377.25	1.09E-07	1.07E-07	1.04E-07	3.76E-11	1.14E-10	6.57E-11	6.49E-11	5.88E-11	2.68E-11	2.61E-11	0.00E+00	0.00E+00	1.21E-11	2.20E-12	1.40E-11	2.16E-12	2.02E-12	3.24E-11
4660	473863.09	3860377.25	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.75E-11	6.11E-11	2.79E-11	2.71E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.45E-11	2.24E-12	2.10E-12	3.37E-11
4661	474363.09	3860377.25	1.15E-07	1.13E-07	1.10E-07	3.97E-11	1.20E-10	6.94E-11	6.85E-11	6.21E-11	2.83E-11	2.75E-11	0.00E+00	0.00E+00	1.28E-11	2.32E-12	1.47E-11	2.27E-12	2.13E-12	3.42E-11
4662	474863.09	3860377.25	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.75E-11	6.11E-11	2.79E-11	2.71E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.45E-11	2.24E-12	2.10E-12	3.37E-11
4663	475363.09	3860377.25	1.04E-07	1.02E-07	9.94E-08	3.59E-11	1.08E-10	6.28E-11	6.19E-11	5.61E-11	2.56E-11	2.49E-11	0.00E+00	0.00E+00	1.15E-11	2.10E-12	1.33E-11	2.06E-12	1.93E-12	3.10E-11
4664	475863.09	3860377.25	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	0.00E+00	0.00E+00	1.01E-11	1.85E-12	1.17E-11	1.81E-12	1.69E-12	2.72E-11
4665	476363.09	3860377.25	7.57E-08	7.48E-08	7.26E-08	2.62E-11	7.92E-11	4.58E-11	4.52E-11	4.10E-11	1.87E-11	1.82E-11	0.00E+00	0.00E+00	8.43E-12	1.54E-12	9.74E-12	1.50E-12	1.41E-12	2.26E-11
4666	476863.09	3860377.25	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.76E-12	1.41E-12	8.97E-12	1.38E-12	1.30E-12	2.08E-11
4667	477363.09	3860377.25	4.65E-08	4.59E-08	4.45E-08	1.61E-11	4.86E-11	2.81E-11	2.77E-11	2.51E-11	1.15E-11	1.11E-11	0.00E+00	0.00E+00	5.17E-12	9.42E-13	5.98E-12	9.21E-13	8.63E-13	1.39E-11
4668	477863.09	3860377.25	5.74E-08	5.66E-08	5.50E-08	1.99E-11	6.00E-11	3.47E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	0.00E+00	0.00E+00	6.39E-12	1.16E-12	7.38E-12	1.14E-12	1.07E-12	1.71E-11
4669	478363.09	3860377.25	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	0.00E+00	0.00E+00	1.06E-11	1.94E-12	1.23E-11	1.89E-12	1.77E-12	2.85E-11
4670	478863.09	3860377.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.93E-11	7.83E-11	7.09E-11	3.24E-11	3.14E-11	0.00E+00	0.00E+00	1.46E-11	2.66E-12	1.69E-11	2.60E-12	2.43E-12	3.91E-11
4671	479363.09	3860377.25	1.73E-07	1.71E-07	1.66E-07	5.99E-11	1.81E-10	1.05E-10	1.03E-10	9.36E-11	4.27E-11	4.15E-11	0.00E+00	0.00E+00	1.93E-11	3.51E-12	2.22E-11	3.43E-12	3.21E-12	5.16E-11
4672	479863.09	3860377.25	2.11E-07	2.08E-07	2.02E-07	7.31E-11	2.21E-10	1.28E-10	1.26E-10	1.14E-10	5.22E-11	5.07E-11	0.00E+00	0.00E+00	2.35E-11	4.28E-12	2.72E-11	4.19E-12	3.92E-12	6.31E-11
4673	480363.09	3860377.25	2.41E-07	2.38E-07	2.31E-07	8.36E-11	2.52E-10	1.46E-10	1.44E-10	1.31E-10	5.96E-11	5.79E-11	0.00E+00	0.00E+00	2.69E-11	4.89E-12	3.10E-11	4.79E-12	4.48E-12	7.21E-11
4674	480863.09	3860377.25	2.69E-07	2.66E-07	2.58E-07	9.32E-11	2.82E-10	1.63E-10	1.61E-10	1.46E-10	6.65E-11	6.46E-11	0.00E+00	0.00E+00	3.00E-11	5.46E-12	3.46E-11	5.34E-12	5.00E-12	8.04E-11
4675	481363.09	3860377.25	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.38E-11	7.17E-11	0.00E+00	0.00E+00	3.33E-11	6.06E-12	3.84E-11	5.93E-12	5.55E-12	8.92E-11
4676	481863.09	3860377.25	3.34E-07	3.30E-07	3.20E-07	1.16E-10	3.49E-10	2.02E-10	2.00E-10	1.81E-10	8.25E-11	8.02E-11	0.00E+00	0.00E+00	3.72E-11	6.77E-12	4.30E-11	6.63E-12	6.21E-12	9.98E-11
4677	482363.09	3860377.25	3.73E-07	3.68E-07	3.58E-07	1.29E-10	3.90E-10	2.26E-10	2.23E-10	2.02E-10	9.22E-11	8.96E-11	0.00E+00	0.00E+00	4.16E-11	7.57E-12	4.80E-11	7.41E-12	6.93E-12	1.11E-10
4678	482863.09	3860377.25	4.20E-07	4.14E-07	4.02E-07	1.45E-10	4.39E-10	2.54E-10	2.51E-10	2.27E-10	1.04E-10	1.01E-10	0.00E+00	0.00E+00	4.67E-11	8.51E-12	5.40E-11	8.32E-12	7.79E-12	1.25E-10
4679	483363.09	3860377.25	4.84E-07	4.78E-07	4.64E-07	1.68E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	0.00E+00	0.00E+00	5.39E-11	9.82E-12	6.23E-11	9.61E-12	9.00E-12	1.45E-10
4680	483863.09	3860377.25	5.60E-07	5.52E-07	5.36E-07	1.94E-10	5.85E-10	3.39E-10	3.34E-10	3.03E-10	1.38E-10	1.34E-10	0.00E+00	0.00E+00	6.23E-11	1.13E-11	7.20E-11	1.11E-11	1.04E-11	1.67E-10
4681	484363.09	3860377.25	6.22E-07	6.14E-07	5.96E-07	2.15E-10	6.50E-10	3.76E-10	3.72E-10	3.37E-10	1.54E-10	1.49E-10	0.00E+00	0.00E+00	6.93E-11	1.26E-11	8.00E-11	1.23E-11	1.16E-11	1.86E-10
4682	484863.09	3860377.25	7.02E-07	6.93E-07	6.73E-07	2.43E-10	7.34E-10	4.25E-10	4.19E-10	3.80E-10	1.73E-10	1.68E-10	0.00E+00	0.00E+00	7.81E-11	1.42E-11	9.03E-11	1.39E-11	1.30E-11	2.10E-10
4683	485363.09	3860377.25	8.13E-07	8.02E-07	7.79E-07	2.81E-10	8.49E-10	4.92E-10	4.85E-10	4.40E-10	2.01E-10	1.95E-10	0.00E+00	0.00E+00	9.04E-11	1.65E-11	1.05E-10	1.61E-11	1.51E-11	2.43E-10
4684	485863.09	3860377.25	9.40E-07	9.28E-07	9.01E-07	3.25E-10	9.82E-10	5.69E-10	5.61E-10	5.09E-10	2.32E-10	2.25E-10	0.00E+00	0.00E+00	1.05E-10	1.91E-11	1.21E-10	1.86E-11	1.75E-11	2.81E-10
4685	486363.09	3860377.25	1.06E-06	1.05E-06	1.02E-06	3.68E-10	1.11E-09	6.44E-10	6.35E-10	5.76E-10	2.63E-10	2.55E-10	0.00E+00	0.00E+00	1.18E-10	2.16E-11	1.37E-10	2.11E-11	1.98E-11	3.18E-10
4686	486863.09	3860377.25	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.27E-09	7.37E-10	7.28E-10	6.60E-10	3.01E-10	2.92E-10	0.00E+00	0.00E+00	1.36E-10	2.47E-11	1.57E-10	2.42E-11	2.26E-11	3.64E-10
4687	487363.09	3860377.25	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.40E-10	7.62E-10	3.48E-10	3.38E-10	0.00E+00	0.00E+00	1.57E-10	2.85E-11	1.81E-10	2.79E-11	2.61E-11	4.20E-10
4688	487863.09	3860377.25	1.72E-06	1.70E-06	1.65E-06	5.96E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.25E-10	4.13E-10	0.00E+00	0.00E+00	1.92E-10	3.49E-11	2.22E-10	3.42E-11	3.20E-11	5.14E-10
4689	488363.09	3860377.25	2.13E-06	2.10E-06	2.04E-06	7.38E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.11E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.23E-11	3.96E-11	6.37E-10
4690	488863.09	3860377.25	2.79E-06	2.76E-06	2.68E-06	9.67E-10	2.92E-09	1.69E-09	1.67E-09	1.51E-09	6.90E-10	6.70E-10	0.00E+00	0.00E+00	3.11E-10	5.66E-11	3.59E-10	5.54E-11	5.19E-11	8.34E-10
4691	489363.09	3860377.25	5.91E-06	5.83E-06	5.66E-06	2.04E-09	6.17E-09	3.57E-09	3.53E-09	3.20E-09	1.46E-09	1.42E-09	0.00E+00	0.00E+00	6.57E-10	1.20E-10	7.60E-10	1.17E-10	1.10E-10	1.76E-09
4692	489863.09	3860377.25	3.37E-06	3.33E-06	3.23E-06	1.17E-09	3.53E-09	2.04E-09	2.01E-09	1.83E-09	8.33E-10	8.09E-10	0.00E+00	0.00E+00	3.75E-10	6.84E-11	4.34E-10	6.69E-11	6.26E-11	1.01E-09
4693	490363.09	3860377.25	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.75E-09	1.73E-09	1.57E-09	7.16E-10	6.95E-10	0.00E+00	0.00E+00	3.23E-10	5.88E-11	3.73E-10	5.75E-11	5.39E-11	8.66E-10
4694	490863.09	3860377.25	2.67E-06	2.63E-06	2.55E-06	9.23E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.39E-10	0.00E+00	0.00E+00	2.97E-10	5.40E-11	3.43E-10	5.29E-11	4.95E-11	7.96E-10
4695	491363.09	3860377.25	2.45E-06	2.42E-06	2.35E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.87E-10	0.00E+00	0.00E+00	2.72E-10	4.96E-11	3.15E-10	4.85E-11	4.55E-11	7.31E-10
4696	491863.09	3860377.25	2.38E-06	2.34E-06	2.28E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.29E-09	5.87E-10	5.70E-10	0.00E+00	0.00E+00	2.64E-10	4.81E-11	3.05E-10	4.71E-11	4.41E-11	7.09E-10
4697	492363.09	3860377.25	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	0.00E+00	0.00E+00	2.63E-10	4.78E-11	3.03E-10	4.68E-11	4.38E-11	7.05E-10
4698	492863.09	3860377.25	2.23E-06	2.20E-06	2.13E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	0.00E+00	0.00E+00	2.48E-10	4.51E-11	2.86E-10	4.42E-11	4.14E-11	6.65E-10
4699	493363.09	3860377.25	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	0.00E+00	0.00E+00	2.37E-10	4.32E-11	2.74E-10	4.22E-11	3.95E-11	6.36E-10
4700	493863.09	3860377.25	2.01E-06	1.99E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	0.00E+00	0.00E+00	2.24E-10	4.08E-11	2.59E-10	3.99E-11	3.74E-11	6.01E-10
4701	494363.09	3860377.25	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.47E-10	3.82E-11	3.57E-11	5.74E-10
4702	494863.09	3860377.25	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	0.00E+00	0.00E+00	2.02E-10	3.68E-11	2.33E-10	3.60E-11	3.37E-11	5.42E-10
4703	495363.09	3860377.25	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.24E-10	4.12E-10	0.00E+00	0.00E+00	1.91E-10	3.48E-11	2.21E-10	3.41E-11	3.19E-11	5.13E-10
4704	495863.09	3860377.25	1.58E-06	1.56E-06	1.52E-06	5.48E-10	1.65E-09	9.58E-10	9.45E-10	8.57E-10	3.91E-10	3.80E-10	0.00E+00	0.00E+00	1.76E-10	3.21E-11	2.04E-10	3.14E-11	2.94E-11	4.73E-10
4705	496363.09	3860377.25	1.41E-06	1.39E-06	1.35E-06	4.89E-10	1.48E-09	8.55E-10	8.44E-10	7.65E-10	3.49E-10	3.39E-10	0.00E+00	0.00E+00	1.57E-10	2.86E-11	1.82E-10	2.80E-11	2.63E-11	4.22E-10
4706	496863.09	3860377.25	1.26E-06	1.24E-06	1.21E-06	4.36E-10	1.32E-09	7.63E-10	7.53E-10	6.82E-10	3.11E-10	3.02E-10	0.00E+00	0.00E+00	1.40E-10	2.55E-11	1.62E-10	2.50E-11	2.34E-11	3.76E-10
4707	497363.09	3860377.25	1.09E-06	1.07E-06	1.04E-06	3.76E-10	1.13E-09	6.57E-10	6.48E-10	5.88E-10	2.68E-10	2.60E-10	0.00E+00	0.00E+00	1.21E-10	2.20E-11	1.40E-10	2.15E-11	2.02E-11	3.24E-10
4708	497863.09	3860377.25	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.35E-10	7.25E-10	6.58E-10	3.00E-10	2.91E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.41E-11	2.26E-11	3.63E-10
4709	498363.09	3860377.25	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.46E-10	7.36E-10	6.67E-10	3.05E-10	2.96E-10	0.00E+00	0.00E+00	1.37E-10	2.50E-11	1.59E-10	2.45E-11	2.29E-11	3.68E-10
4710	471363.09	3860877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.97E-12	1.81E-12	1.15E-11	1.78E-12	1.66E-12	2.67E-11

4711	471863.09	3860877.25	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
4712	472363.09	3860877.25	9.66E-08	9.53E-08	9.25E-08	3.34E-11	1.01E-10	5.84E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	0.00E+00	0.00E+00	1.07E-11	1.96E-12	1.24E-11	1.92E-12	1.79E-12	2.88E-11
4713	472863.09	3860877.25	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	0.00E+00	0.00E+00	1.12E-11	2.04E-12	1.30E-11	2.00E-12	1.87E-12	3.01E-11
4714	473363.09	3860877.25	1.05E-07	1.03E-07	1.00E-07	3.62E-11	1.09E-10	6.33E-11	6.25E-11	5.66E-11	2.58E-11	2.51E-11	0.00E+00	0.00E+00	1.16E-11	2.12E-12	1.35E-11	2.08E-12	1.94E-12	3.12E-11
4715	473863.09	3860877.25	1.09E-07	1.07E-07	1.04E-07	3.76E-11	1.13E-10	6.57E-11	6.48E-11	5.88E-11	2.68E-11	2.60E-11	0.00E+00	0.00E+00	1.21E-11	2.20E-12	1.40E-11	2.15E-12	2.02E-12	3.24E-11
4716	474363.09	3860877.25	1.12E-07	1.10E-07	1.07E-07	3.87E-11	1.17E-10	6.76E-11	6.68E-11	6.05E-11	2.76E-11	2.68E-11	0.00E+00	0.00E+00	1.24E-11	2.27E-12	1.44E-11	2.22E-12	2.08E-12	3.34E-11
4717	474863.09	3860877.25	1.16E-07	1.14E-07	1.11E-07	4.01E-11	1.21E-10	7.02E-11	6.92E-11	6.28E-11	2.86E-11	2.78E-11	0.00E+00	0.00E+00	1.29E-11	2.35E-12	1.49E-11	2.30E-12	2.15E-12	3.46E-11
4718	475363.09	3860877.25	1.16E-07	1.15E-07	1.12E-07	4.03E-11	1.22E-10	7.05E-11	6.96E-11	6.30E-11	2.88E-11	2.79E-11	0.00E+00	0.00E+00	1.30E-11	2.36E-12	1.50E-11	2.31E-12	2.16E-12	3.48E-11
4719	475863.09	3860877.25	1.13E-07	1.12E-07	1.09E-07	3.92E-11	1.18E-10	6.85E-11	6.76E-11	6.13E-11	2.80E-11	2.72E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.46E-11	2.25E-12	2.10E-12	3.38E-11
4720	476363.09	3860877.25	1.06E-07	1.05E-07	1.02E-07	3.67E-11	1.11E-10	6.42E-11	6.33E-11	5.74E-11	2.62E-11	2.54E-11	0.00E+00	0.00E+00	1.18E-11	2.15E-12	1.36E-11	2.10E-12	1.97E-12	3.17E-11
4721	476863.09	3860877.25	1.05E-07	1.04E-07	1.01E-07	3.63E-11	1.10E-10	6.35E-11	6.26E-11	5.68E-11	2.59E-11	2.52E-11	0.00E+00	0.00E+00	1.17E-11	2.13E-12	1.35E-11	2.08E-12	1.95E-12	3.13E-11
4722	477363.09	3860877.25	1.09E-07	1.08E-07	1.05E-07	3.78E-11	1.14E-10	6.61E-11	6.53E-11	5.92E-11	2.70E-11	2.62E-11	0.00E+00	0.00E+00	1.22E-11	2.22E-12	1.41E-11	2.17E-12	2.03E-12	3.26E-11
4723	477863.09	3860877.25	9.97E-08	9.84E-08	9.55E-08	3.45E-11	1.04E-10	6.03E-11	5.95E-11	5.40E-11	2.46E-11	2.39E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.98E-12	1.85E-12	2.98E-11
4724	478363.09	3860877.25	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	0.00E+00	0.00E+00	7.59E-12	1.38E-12	8.77E-12	1.35E-12	1.27E-12	2.04E-11
4725	478863.09	3860877.25	1.27E-07	1.25E-07	1.21E-07	4.38E-11	1.32E-10	7.66E-11	7.56E-11	6.85E-11	3.13E-11	3.04E-11	0.00E+00	0.00E+00	1.41E-11	2.57E-12	1.63E-11	2.51E-12	2.35E-12	3.78E-11
4726	479363.09	3860877.25	1.74E-07	1.72E-07	1.67E-07	6.02E-11	1.82E-10	1.05E-10	1.04E-10	9.42E-11	4.30E-11	4.17E-11	0.00E+00	0.00E+00	1.94E-11	3.53E-12	2.24E-11	3.45E-12	3.23E-12	5.20E-11
4727	479863.09	3860877.25	2.15E-07	2.12E-07	2.06E-07	7.43E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.15E-11	0.00E+00	0.00E+00	2.39E-11	4.35E-12	2.76E-11	4.26E-12	3.99E-12	6.41E-11
4728	480363.09	3860877.25	2.48E-07	2.45E-07	2.38E-07	8.59E-11	2.59E-10	1.50E-10	1.48E-10	1.34E-10	6.13E-11	5.95E-11	0.00E+00	0.00E+00	2.76E-11	5.03E-12	3.19E-11	4.92E-12	4.61E-12	7.41E-11
4729	480863.09	3860877.25	2.77E-07	2.73E-07	2.65E-07	9.58E-11	2.89E-10	1.67E-10	1.65E-10	1.50E-10	6.83E-11	6.64E-11	0.00E+00	0.00E+00	3.08E-11	5.61E-12	3.56E-11	5.49E-12	5.14E-12	8.26E-11
4730	481363.09	3860877.25	3.07E-07	3.03E-07	2.95E-07	1.06E-10	3.21E-10	1.86E-10	1.84E-10	1.66E-10	7.59E-11	7.37E-11	0.00E+00	0.00E+00	3.42E-11	6.23E-12	3.95E-11	6.10E-12	5.71E-12	9.18E-11
4731	481863.09	3860877.25	3.41E-07	3.36E-07	3.27E-07	1.18E-10	3.56E-10	2.06E-10	2.04E-10	1.84E-10	8.42E-11	8.18E-11	0.00E+00	0.00E+00	3.79E-11	6.91E-12	4.38E-11	6.76E-12	6.33E-12	1.02E-10
4732	482363.09	3860877.25	3.83E-07	3.78E-07	3.67E-07	1.33E-10	4.00E-10	2.32E-10	2.29E-10	2.07E-10	9.46E-11	9.19E-11	0.00E+00	0.00E+00	4.26E-11	7.76E-12	4.93E-11	7.60E-12	7.11E-12	1.14E-10
4733	482863.09	3860877.25	4.30E-07	4.25E-07	4.13E-07	1.49E-10	4.50E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	0.00E+00	0.00E+00	4.79E-11	8.73E-12	5.54E-11	8.54E-12	8.00E-12	1.29E-10
4734	483363.09	3860877.25	4.77E-07	4.70E-07	4.57E-07	1.65E-10	4.98E-10	2.88E-10	2.85E-10	2.58E-10	1.18E-10	1.14E-10	0.00E+00	0.00E+00	5.30E-11	9.66E-12	6.13E-11	9.45E-12	8.85E-12	1.42E-10
4735	483863.09	3860877.25	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.52E-10	3.20E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	0.00E+00	0.00E+00	5.88E-11	1.07E-11	6.79E-11	1.05E-11	9.81E-12	1.58E-10
4736	484363.09	3860877.25	5.96E-07	5.88E-07	5.71E-07	2.06E-10	6.23E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	0.00E+00	0.00E+00	6.64E-11	1.21E-11	7.67E-11	1.18E-11	1.11E-11	1.78E-10
4737	484863.09	3860877.25	6.60E-07	6.51E-07	6.32E-07	2.28E-10	6.89E-10	3.99E-10	3.94E-10	3.57E-10	1.63E-10	1.58E-10	0.00E+00	0.00E+00	7.34E-11	1.34E-11	8.48E-11	1.31E-11	1.23E-11	1.97E-10
4738	485363.09	3860877.25	7.19E-07	7.10E-07	6.89E-07	2.49E-10	7.52E-10	4.35E-10	4.30E-10	3.89E-10	1.78E-10	1.73E-10	0.00E+00	0.00E+00	8.01E-11	1.46E-11	9.25E-11	1.43E-11	1.34E-11	2.15E-10
4739	485863.09	3860877.25	7.91E-07	7.80E-07	7.58E-07	2.74E-10	8.26E-10	4.78E-10	4.72E-10	4.28E-10	1.95E-10	1.90E-10	0.00E+00	0.00E+00	8.80E-11	1.60E-11	1.02E-10	1.57E-11	1.47E-11	2.36E-10
4740	486363.09	3860877.25	8.72E-07	8.60E-07	8.36E-07	3.02E-10	9.11E-10	5.27E-10	5.21E-10	4.72E-10	2.15E-10	2.09E-10	0.00E+00	0.00E+00	9.70E-11	1.77E-11	1.12E-10	1.73E-11	1.62E-11	2.60E-10
4741	486863.09	3860877.25	9.87E-07	9.74E-07	9.46E-07	3.42E-10	1.03E-09	5.97E-10	5.90E-10	5.34E-10	2.44E-10	2.37E-10	0.00E+00	0.00E+00	1.10E-10	2.00E-11	1.27E-10	1.96E-11	1.83E-11	2.95E-10
4742	487363.09	3860877.25	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	0.00E+00	0.00E+00	1.28E-10	2.34E-11	1.48E-10	2.29E-11	2.14E-11	3.45E-10
4743	487863.09	3860877.25	1.36E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.21E-10	8.10E-10	7.34E-10	3.35E-10	3.25E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.74E-10	2.69E-11	2.52E-11	4.05E-10
4744	488363.09	3860877.25	1.65E-06	1.63E-06	1.58E-06	5.70E-10	1.72E-09	9.97E-10	9.84E-10	8.92E-10	4.07E-10	3.95E-10	0.00E+00	0.00E+00	1.83E-10	3.34E-11	2.12E-10	3.27E-11	3.06E-11	4.92E-10
4745	488863.09	3860877.25	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.36E-10	5.21E-10	0.00E+00	0.00E+00	2.42E-10	4.40E-11	2.79E-10	4.31E-11	4.03E-11	6.48E-10
4746	489363.09	3860877.25	4.95E-06	4.88E-06	4.74E-06	1.71E-09	5.17E-09	2.99E-09	2.95E-09	2.68E-09	1.22E-09	1.19E-09	0.00E+00	0.00E+00	5.51E-10	1.00E-10	6.36E-10	9.81E-11	9.19E-11	1.48E-09
4747	489863.09	3860877.25	2.61E-06	2.58E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	0.00E+00	0.00E+00	2.90E-10	5.29E-11	3.36E-10	5.18E-11	4.85E-11	7.79E-10
4748	490363.09	3860877.25	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.01E-11	6.44E-10
4749	490863.09	3860877.25	1.95E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	0.00E+00	0.00E+00	2.18E-10	3.96E-11	2.51E-10	3.88E-11	3.63E-11	5.84E-10
4750	491363.09	3860877.25	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.74E-10	4.45E-10	4.32E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.32E-10	3.57E-11	3.34E-11	5.38E-10
4751	491863.09	3860877.25	1.69E-06	1.66E-06	1.62E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.12E-10	4.16E-10	4.04E-10	0.00E+00	0.00E+00	1.88E-10	3.42E-11	2.17E-10	3.34E-11	3.13E-11	5.03E-10
4752	492363.09	3860877.25	1.58E-06	1.56E-06	1.51E-06	5.46E-10	1.65E-09	9.55E-10	9.43E-10	8.55E-10	3.90E-10	3.79E-10	0.00E+00	0.00E+00	1.76E-10	3.20E-11	2.03E-10	3.13E-11	2.93E-11	4.71E-10
4753	492863.09	3860877.25	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.35E-10	8.48E-10	3.87E-10	3.76E-10	0.00E+00	0.00E+00	1.74E-10	3.18E-11	2.01E-10	3.11E-11	2.91E-11	4.68E-10
4754	493363.09	3860877.25	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	0.00E+00	0.00E+00	1.74E-10	3.18E-11	2.02E-10	3.11E-11	2.91E-11	4.68E-10
4755	493863.09	3860877.25	1.50E-06	1.48E-06	1.44E-06	5.20E-10	1.57E-09	9.08E-10	8.96E-10	8.13E-10	3.71E-10	3.60E-10	0.00E+00	0.00E+00	1.67E-10	3.04E-11	1.93E-10	2.98E-11	2.79E-11	4.48E-10
4756	494363.09	3860877.25	1.45E-06	1.43E-06	1.39E-06	5.00E-10	1.51E-09	8.75E-10	8.63E-10	7.82E-10	3.57E-10	3.47E-10	0.00E+00	0.00E+00	1.61E-10	2.93E-11	1.86E-10	2.87E-11	2.68E-11	4.32E-10
4757	494863.09	3860877.25	1.40E-06	1.38E-06	1.34E-06	4.86E-10	1.47E-09	8.49E-10	8.38E-10	7.59E-10	3.47E-10	3.37E-10	0.00E+00	0.00E+00	1.56E-10	2.84E-11	1.80E-10	2.78E-11	2.61E-11	4.19E-10
4758	495363.09	3860877.25	1.36E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.10E-10	7.34E-10	3.35E-10	3.25E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.74E-10	2.69E-11	2.52E-11	4.05E-10
4759	495863.09	3860877.25	1.30E-06	1.28E-06	1.24E-06	4.49E-10	1.36E-09	7.85E-10	7.74E-10	7.02E-10	3.20E-10	3.11E-10	0.00E+00	0.00E+00	1.44E-10	2.63E-11	1.67E-10	2.57E-11	2.41E-11	3.87E-10
4760	496363.09	3860877.25	1.25E-06	1.24E-06	1.20E-06	4.34E-10	1.31E-09	7.59E-10	7.49E-10	6.79E-10	3.10E-10	3.01E-10	0.00E+00	0.00E+00	1.40E-10	2.54E-11	1.61E-10	2.49E-11	2.33E-11	3.75E-10
4761	496863.09	3860877.25	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.02E-10	6.37E-10	2.90E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.51E-10
4762	497363.09	3860877.25	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	0.00E+00	0.00E+00	1.25E-10	2.28E-11	1.45E-10	2.23E-11	2.09E-11	3.36E-10
4763	497863.09	3860877.25	1.07E-06	1.05E-06	1.02E-06	3.70E-10	1.12E-09	6.46E-10	6.38E-10	5.78E-10	2.64E-10	2.56E-10	0.00E+00	0.00E+00	1.19E-10	2.16E-11	1.37E-10	2.12E-11	1.98E-11	3.19E-10

4764	498363.09	3860877.25	1.05E-06	1.04E-06	1.01E-06	3.64E-10	1.10E-09	6.36E-10	6.27E-10	5.69E-10	2.60E-10	2.52E-10	0.00E+00	0.00E+00	1.17E-10	2.13E-11	1.35E-10	2.08E-11	1.95E-11	3.14E-10
4765	471363.09	3861377.25	8.59E-08	8.48E-08	8.23E-08	2.97E-11	8.98E-11	5.20E-11	5.13E-11	4.65E-11	2.12E-11	2.06E-11	0.00E+00	0.00E+00	9.56E-12	1.74E-12	1.10E-11	1.70E-12	1.60E-12	2.56E-11
4766	471863.09	3861377.25	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	0.00E+00	0.00E+00	9.92E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.66E-11
4767	472363.09	3861377.25	9.27E-08	9.14E-08	8.88E-08	3.21E-11	9.68E-11	5.61E-11	5.53E-11	5.02E-11	2.29E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.77E-11
4768	472863.09	3861377.25	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.92E-12	1.80E-12	2.90E-11
4769	473363.09	3861377.25	1.01E-07	9.98E-08	9.69E-08	3.50E-11	1.06E-10	6.12E-11	6.04E-11	5.47E-11	2.50E-11	2.43E-11	0.00E+00	0.00E+00	1.13E-11	2.05E-12	1.30E-11	2.01E-12	1.88E-12	3.02E-11
4770	473863.09	3861377.25	1.05E-07	1.04E-07	1.01E-07	3.63E-11	1.10E-10	6.35E-11	6.26E-11	5.68E-11	2.59E-11	2.52E-11	0.00E+00	0.00E+00	1.17E-11	2.13E-12	1.35E-11	2.08E-12	1.95E-12	3.13E-11
4771	474363.09	3861377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.67E-11	6.58E-11	5.97E-11	2.72E-11	2.64E-11	0.00E+00	0.00E+00	1.23E-11	2.23E-12	1.42E-11	2.19E-12	2.05E-12	3.29E-11
4772	474863.09	3861377.25	1.14E-07	1.13E-07	1.10E-07	3.96E-11	1.19E-10	6.91E-11	6.82E-11	6.19E-11	2.82E-11	2.74E-11	0.00E+00	0.00E+00	1.27E-11	2.32E-12	1.47E-11	2.27E-12	2.12E-12	3.41E-11
4773	475363.09	3861377.25	1.21E-07	1.19E-07	1.16E-07	4.18E-11	1.26E-10	7.30E-11	7.20E-11	6.53E-11	2.98E-11	2.89E-11	0.00E+00	0.00E+00	1.34E-11	2.45E-12	1.55E-11	2.39E-12	2.24E-12	3.60E-11
4774	475863.09	3861377.25	1.24E-07	1.23E-07	1.19E-07	4.31E-11	1.30E-10	7.53E-11	7.43E-11	6.73E-11	3.07E-11	2.98E-11	0.00E+00	0.00E+00	1.38E-11	2.52E-12	1.60E-11	2.47E-12	2.31E-12	3.72E-11
4775	476363.09	3861377.25	1.26E-07	1.25E-07	1.21E-07	4.37E-11	1.32E-10	7.64E-11	7.54E-11	6.83E-11	3.12E-11	3.03E-11	0.00E+00	0.00E+00	1.41E-11	2.56E-12	1.62E-11	2.50E-12	2.34E-12	3.77E-11
4776	476863.09	3861377.25	1.29E-07	1.27E-07	1.23E-07	4.46E-11	1.35E-10	7.79E-11	7.69E-11	6.97E-11	3.18E-11	3.09E-11	0.00E+00	0.00E+00	1.43E-11	2.61E-12	1.66E-11	2.55E-12	2.39E-12	3.84E-11
4777	477363.09	3861377.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.05E-11	7.94E-11	7.20E-11	3.29E-11	3.19E-11	0.00E+00	0.00E+00	1.48E-11	2.70E-12	1.71E-11	2.64E-12	2.47E-12	3.97E-11
4778	477863.09	3861377.25	1.21E-07	1.19E-07	1.15E-07	4.17E-11	1.26E-10	7.29E-11	7.20E-11	6.52E-11	2.98E-11	2.89E-11	0.00E+00	0.00E+00	1.34E-11	2.44E-12	1.55E-11	2.39E-12	2.24E-12	3.60E-11
4779	478363.09	3861377.25	8.45E-08	8.34E-08	8.09E-08	2.92E-11	8.83E-11	5.11E-11	5.04E-11	4.57E-11	2.09E-11	2.03E-11	0.00E+00	0.00E+00	9.40E-12	1.71E-12	1.09E-11	1.68E-12	1.57E-12	2.52E-11
4780	478863.09	3861377.25	1.04E-07	1.03E-07	1.00E-07	3.61E-11	1.09E-10	6.31E-11	6.23E-11	5.65E-11	2.58E-11	2.50E-11	0.00E+00	0.00E+00	1.16E-11	2.12E-12	1.34E-11	2.07E-12	1.94E-12	3.12E-11
4781	479363.09	3861377.25	1.77E-07	1.75E-07	1.70E-07	6.13E-11	1.85E-10	1.07E-10	1.06E-10	9.59E-11	4.37E-11	4.25E-11	0.00E+00	0.00E+00	1.97E-11	3.59E-12	2.28E-11	3.51E-12	3.29E-12	5.29E-11
4782	479863.09	3861377.25	2.22E-07	2.19E-07	2.12E-07	7.67E-11	2.32E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.32E-11	0.00E+00	0.00E+00	2.47E-11	4.49E-12	2.85E-11	4.40E-12	4.12E-12	6.62E-11
4783	480363.09	3861377.25	2.57E-07	2.53E-07	2.46E-07	8.88E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.34E-11	6.16E-11	0.00E+00	0.00E+00	2.86E-11	5.20E-12	3.30E-11	5.09E-12	4.77E-12	7.66E-11
4784	480863.09	3861377.25	2.83E-07	2.79E-07	2.71E-07	9.79E-11	2.96E-10	1.71E-10	1.69E-10	1.53E-10	6.98E-11	6.78E-11	0.00E+00	0.00E+00	3.15E-11	5.73E-12	3.64E-11	5.61E-12	5.25E-12	8.44E-11
4785	481363.09	3861377.25	3.12E-07	3.07E-07	2.99E-07	1.08E-10	3.26E-10	1.89E-10	1.86E-10	1.69E-10	7.70E-11	7.47E-11	0.00E+00	0.00E+00	3.47E-11	6.31E-12	4.01E-11	6.18E-12	5.79E-12	9.30E-11
4786	481863.09	3861377.25	3.43E-07	3.39E-07	3.29E-07	1.19E-10	3.59E-10	2.08E-10	2.05E-10	1.86E-10	8.47E-11	8.23E-11	0.00E+00	0.00E+00	3.82E-11	6.95E-12	4.41E-11	6.80E-12	6.37E-12	1.02E-10
4787	482363.09	3861377.25	3.75E-07	3.70E-07	3.59E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.26E-11	8.99E-11	0.00E+00	0.00E+00	4.17E-11	7.60E-12	4.82E-11	7.44E-12	6.96E-12	1.12E-10
4788	482863.09	3861377.25	4.10E-07	4.05E-07	3.93E-07	1.42E-10	4.29E-10	2.48E-10	2.45E-10	2.22E-10	1.01E-10	9.84E-11	0.00E+00	0.00E+00	4.56E-11	8.31E-12	5.27E-11	8.13E-12	7.62E-12	1.22E-10
4789	483363.09	3861377.25	4.56E-07	4.50E-07	4.37E-07	1.58E-10	4.76E-10	2.76E-10	2.72E-10	2.47E-10	1.13E-10	1.09E-10	0.00E+00	0.00E+00	5.07E-11	9.23E-12	5.86E-11	9.04E-12	8.46E-12	1.36E-10
4790	483863.09	3861377.25	5.06E-07	4.99E-07	4.85E-07	1.75E-10	5.29E-10	3.06E-10	3.02E-10	2.74E-10	1.25E-10	1.21E-10	0.00E+00	0.00E+00	5.63E-11	1.03E-11	6.50E-11	1.00E-11	9.39E-12	1.51E-10
4791	484363.09	3861377.25	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.68E-10	3.29E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	0.00E+00	0.00E+00	6.04E-11	1.10E-11	6.98E-11	1.08E-11	1.01E-11	1.62E-10
4792	484863.09	3861377.25	5.64E-07	5.56E-07	5.40E-07	1.95E-10	5.89E-10	3.41E-10	3.37E-10	3.05E-10	1.39E-10	1.35E-10	0.00E+00	0.00E+00	6.28E-11	1.14E-11	7.25E-11	1.12E-11	1.05E-11	1.68E-10
4793	485363.09	3861377.25	5.98E-07	5.91E-07	5.74E-07	2.07E-10	6.26E-10	3.62E-10	3.57E-10	3.24E-10	1.48E-10	1.44E-10	0.00E+00	0.00E+00	6.66E-11	1.21E-11	7.70E-11	1.19E-11	1.11E-11	1.79E-10
4794	485863.09	3861377.25	6.63E-07	6.54E-07	6.35E-07	2.29E-10	6.93E-10	4.01E-10	3.96E-10	3.59E-10	1.64E-10	1.59E-10	0.00E+00	0.00E+00	7.38E-11	1.34E-11	8.52E-11	1.31E-11	1.23E-11	1.98E-10
4795	486363.09	3861377.25	7.47E-07	7.37E-07	7.16E-07	2.59E-10	7.81E-10	4.52E-10	4.46E-10	4.05E-10	1.85E-10	1.79E-10	0.00E+00	0.00E+00	8.32E-11	1.51E-11	9.61E-11	1.48E-11	1.39E-11	2.23E-10
4796	486863.09	3861377.25	8.53E-07	8.42E-07	8.18E-07	2.95E-10	8.92E-10	5.16E-10	5.09E-10	4.62E-10	2.11E-10	2.05E-10	0.00E+00	0.00E+00	9.50E-11	1.73E-11	1.10E-10	1.69E-11	1.58E-11	2.55E-10
4797	487363.09	3861377.25	9.78E-07	9.66E-07	9.38E-07	3.39E-10	1.02E-09	5.92E-10	5.84E-10	5.30E-10	2.42E-10	2.35E-10	0.00E+00	0.00E+00	1.09E-10	1.98E-11	1.26E-10	1.94E-11	1.82E-11	2.92E-10
4798	487863.09	3861377.25	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.17E-10	2.82E-10	2.73E-10	0.00E+00	0.00E+00	1.27E-10	2.31E-11	1.47E-10	2.26E-11	2.12E-11	3.40E-10
4799	488363.09	3861377.25	1.32E-06	1.30E-06	1.26E-06	4.56E-10	1.38E-09	7.96E-10	7.86E-10	7.13E-10	3.25E-10	3.16E-10	0.00E+00	0.00E+00	1.47E-10	2.67E-11	1.69E-10	2.61E-11	2.44E-11	3.93E-10
4800	488863.09	3861377.25	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	0.00E+00	0.00E+00	2.03E-10	3.71E-11	2.35E-10	3.63E-11	3.39E-11	5.46E-10
4801	489363.09	3861377.25	4.81E-06	4.75E-06	4.61E-06	1.67E-09	5.03E-09	2.91E-09	2.88E-09	2.61E-09	1.19E-09	1.15E-09	0.00E+00	0.00E+00	5.36E-10	9.76E-11	6.19E-10	9.55E-11	8.94E-11	1.44E-09
4802	489863.09	3861377.25	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.93E-10	4.51E-11	4.22E-11	6.79E-10
4803	490363.09	3861377.25	1.78E-06	1.75E-06	1.70E-06	6.15E-10	1.86E-09	1.07E-09	1.06E-09	9.62E-10	4.39E-10	4.26E-10	0.00E+00	0.00E+00	1.98E-10	3.60E-11	2.28E-10	3.52E-11	3.30E-11	5.30E-10
4804	490863.09	3861377.25	1.57E-06	1.55E-06	1.51E-06	5.44E-10	1.64E-09	9.50E-10	9.38E-10	8.50E-10	3.88E-10	3.77E-10	0.00E+00	0.00E+00	1.75E-10	3.18E-11	2.02E-10	3.11E-11	2.92E-11	4.69E-10
4805	491363.09	3861377.25	1.44E-06	1.42E-06	1.38E-06	4.98E-10	1.50E-09	8.70E-10	8.59E-10	7.79E-10	3.55E-10	3.45E-10	0.00E+00	0.00E+00	1.60E-10	2.92E-11	1.85E-10	2.85E-11	2.67E-11	4.30E-10
4806	491863.09	3861377.25	1.35E-06	1.33E-06	1.29E-06	4.66E-10	1.41E-09	8.14E-10	8.03E-10	7.28E-10	3.32E-10	3.23E-10	0.00E+00	0.00E+00	1.50E-10	2.73E-11	1.73E-10	2.67E-11	2.50E-11	4.02E-10
4807	492363.09	3861377.25	1.26E-06	1.24E-06	1.21E-06	4.37E-10	1.32E-09	7.63E-10	7.53E-10	6.83E-10	3.12E-10	3.03E-10	0.00E+00	0.00E+00	1.40E-10	2.56E-11	1.62E-10	2.50E-11	2.34E-11	3.77E-10
4808	492863.09	3861377.25	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.52E-10	2.97E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.44E-11	1.55E-10	2.39E-11	2.24E-11	3.59E-10
4809	493363.09	3861377.25	1.17E-06	1.16E-06	1.12E-06	4.06E-10	1.23E-09	7.10E-10	7.00E-10	6.35E-10	2.90E-10	2.81E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.50E-10
4810	493863.09	3861377.25	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.95E-10	6.86E-10	6.22E-10	2.84E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.13E-11	3.43E-10
4811	494363.09	3861377.25	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.78E-10	6.69E-10	6.06E-10	2.77E-10	2.69E-10	0.00E+00	0.00E+00	1.25E-10	2.27E-11	1.44E-10	2.22E-11	2.08E-11	3.34E-10
4812	494863.09	3861377.25	1.09E-06	1.07E-06	1.04E-06	3.76E-10	1.14E-09	6.58E-10	6.49E-10	5.89E-10	2.69E-10	2.61E-10	0.00E+00	0.00E+00	1.21E-10	2.20E-11	1.40E-10	2.16E-11	2.02E-11	3.25E-10
4813	495363.09	3861377.25	1.05E-06	1.04E-06	1.01E-06	3.64E-10	1.10E-09	6.37E-10	6.29E-10	5.70E-10	2.60E-10	2.52E-10	0.00E+00	0.00E+00	1.17E-10	2.13E-11	1.35E-10	2.09E-11	1.96E-11	3.14E-10
4814	495863.09	3861377.25	1.02E-06	1.00E-06	9.73E-07	3.51E-10	1.06E-09	6.14E-10	6.06E-10	5.50E-10	2.51E-10	2.44E-10	0.00E+00	0.00E+00	1.13E-10	2.06E-11	1.31E-10	2.01E-11	1.89E-11	3.03E-10
4815	496363.09	3861377.25	9.98E-07	9.85E-07	9.57E-07	3.46E-10	1.04E-09	6.04E-10	5.96E-10	5.40E-10	2.47E-10	2.39E-10	0.00E+00	0.00E+00	1.11E-10	2.02E-11	1.28E-10	1.98E-11	1.85E-11	2.98E-10
4816	496863.09	3861377.25	9.87E-07	9.74E-07	9.46E-07	3.42E-10	1.03E-09	5.97E-10	5.89E-10	5.34E-10	2.44E-10	2.37E-10	0.00E+00	0.00E+00	1.10E-10	2.00E-11	1.27E-10	1.96E-11	1.83E-11	2.95E-10

4817	497363.09	3861377.25	9.52E-07	9.40E-07	9.12E-07	3.30E-10	9.95E-10	5.76E-10	5.69E-10	5.15E-10	2.35E-10	2.28E-10	0.00E+00	0.00E+00	1.06E-10	1.93E-11	1.22E-10	1.89E-11	1.77E-11	2.84E-10
4818	497863.09	3861377.25	9.17E-07	9.05E-07	8.79E-07	3.17E-10	9.59E-10	5.55E-10	5.48E-10	4.96E-10	2.27E-10	2.20E-10	0.00E+00	0.00E+00	1.02E-10	1.86E-11	1.18E-10	1.82E-11	1.70E-11	2.74E-10
4819	498363.09	3861377.25	8.88E-07	8.77E-07	8.51E-07	3.08E-10	9.29E-10	5.38E-10	5.31E-10	4.81E-10	2.19E-10	2.13E-10	0.00E+00	0.00E+00	9.89E-11	1.80E-11	1.14E-10	1.76E-11	1.65E-11	2.65E-10
4820	471363.09	3861877.25	8.39E-08	8.28E-08	8.04E-08	2.91E-11	8.77E-11	5.08E-11	5.01E-11	4.54E-11	2.07E-11	2.01E-11	0.00E+00	0.00E+00	9.34E-12	1.70E-12	1.08E-11	1.66E-12	1.56E-12	2.51E-11
4821	471863.09	3861877.25	8.73E-08	8.62E-08	8.37E-08	3.02E-11	9.13E-11	5.28E-11	5.21E-11	4.73E-11	2.16E-11	2.09E-11	0.00E+00	0.00E+00	9.72E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.61E-11
4822	472363.09	3861877.25	9.10E-08	8.98E-08	8.72E-08	3.15E-11	9.51E-11	5.50E-11	5.43E-11	4.92E-11	2.25E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.69E-12	2.72E-11
4823	472863.09	3861877.25	9.50E-08	9.38E-08	9.10E-08	3.29E-11	9.93E-11	5.75E-11	5.67E-11	5.14E-11	2.35E-11	2.28E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.22E-11	1.88E-12	1.76E-12	2.84E-11
4824	473363.09	3861877.25	9.94E-08	9.81E-08	9.53E-08	3.44E-11	1.04E-10	6.02E-11	5.94E-11	5.38E-11	2.46E-11	2.38E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.97E-12	1.85E-12	2.97E-11
4825	473863.09	3861877.25	1.04E-07	1.02E-07	9.95E-08	3.59E-11	1.09E-10	6.28E-11	6.20E-11	5.62E-11	2.57E-11	2.49E-11	0.00E+00	0.00E+00	1.16E-11	2.10E-12	1.34E-11	2.06E-12	1.93E-12	3.10E-11
4826	474363.09	3861877.25	1.09E-07	1.08E-07	1.05E-07	3.78E-11	1.14E-10	6.61E-11	6.52E-11	5.91E-11	2.70E-11	2.62E-11	0.00E+00	0.00E+00	1.22E-11	2.21E-12	1.40E-11	2.17E-12	2.03E-12	3.26E-11
4827	474863.09	3861877.25	1.15E-07	1.13E-07	1.10E-07	3.98E-11	1.20E-10	6.95E-11	6.86E-11	6.22E-11	2.84E-11	2.76E-11	0.00E+00	0.00E+00	1.28E-11	2.33E-12	1.48E-11	2.28E-12	2.13E-12	3.43E-11
4828	475363.09	3861877.25	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.37E-11	7.27E-11	6.59E-11	3.01E-11	2.92E-11	0.00E+00	0.00E+00	1.36E-11	2.47E-12	1.57E-11	2.42E-12	2.26E-12	3.64E-11
4829	475863.09	3861877.25	1.30E-07	1.29E-07	1.25E-07	4.51E-11	1.36E-10	7.89E-11	7.79E-11	7.06E-11	3.22E-11	3.13E-11	0.00E+00	0.00E+00	1.45E-11	2.64E-12	1.68E-11	2.59E-12	2.42E-12	3.89E-11
4830	476363.09	3861877.25	1.39E-07	1.37E-07	1.33E-07	4.80E-11	1.45E-10	8.39E-11	8.28E-11	7.51E-11	3.43E-11	3.33E-11	0.00E+00	0.00E+00	1.54E-11	2.81E-12	1.78E-11	2.75E-12	2.58E-12	4.14E-11
4831	476863.09	3861877.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.52E-10	8.83E-11	8.71E-11	7.90E-11	3.60E-11	3.50E-11	0.00E+00	0.00E+00	1.62E-11	2.96E-12	1.88E-11	2.89E-12	2.71E-12	4.36E-11
4832	477363.09	3861877.25	1.51E-07	1.50E-07	1.45E-07	5.24E-11	1.58E-10	9.17E-11	9.05E-11	8.20E-11	3.74E-11	3.63E-11	0.00E+00	0.00E+00	1.69E-11	3.07E-12	1.95E-11	3.00E-12	2.81E-12	4.52E-11
4833	477863.09	3861877.25	1.31E-07	1.29E-07	1.25E-07	4.52E-11	1.37E-10	7.91E-11	7.80E-11	7.07E-11	3.23E-11	3.13E-11	0.00E+00	0.00E+00	1.45E-11	2.65E-12	1.68E-11	2.59E-12	2.43E-12	3.90E-11
4834	478363.09	3861877.25	7.34E-08	7.24E-08	7.03E-08	2.54E-11	7.67E-11	4.44E-11	4.38E-11	3.97E-11	1.81E-11	1.76E-11	0.00E+00	0.00E+00	8.17E-12	1.49E-12	9.44E-12	1.46E-12	1.36E-12	2.19E-11
4835	478863.09	3861877.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	0.00E+00	0.00E+00	1.32E-11	2.41E-12	1.53E-11	2.36E-12	2.21E-12	3.55E-11
4836	479363.09	3861877.25	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.75E-11	6.11E-11	2.79E-11	2.71E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.45E-11	2.24E-12	2.10E-12	3.37E-11
4837	479863.09	3861877.25	2.23E-07	2.21E-07	2.14E-07	7.73E-11	2.34E-10	1.35E-10	1.33E-10	1.21E-10	5.52E-11	5.36E-11	0.00E+00	0.00E+00	2.49E-11	4.53E-12	2.87E-11	4.43E-12	4.15E-12	6.67E-11
4838	480363.09	3861877.25	2.56E-07	2.53E-07	2.46E-07	8.88E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.34E-11	6.15E-11	0.00E+00	0.00E+00	2.86E-11	5.20E-12	3.30E-11	5.09E-12	4.76E-12	7.66E-11
4839	480863.09	3861877.25	2.80E-07	2.76E-07	2.68E-07	9.69E-11	2.93E-10	1.69E-10	1.67E-10	1.52E-10	6.92E-11	6.72E-11	0.00E+00	0.00E+00	3.12E-11	5.68E-12	3.60E-11	5.55E-12	5.20E-12	8.36E-11
4840	481363.09	3861877.25	3.04E-07	3.00E-07	2.91E-07	1.05E-10	3.17E-10	1.84E-10	1.81E-10	1.64E-10	7.50E-11	7.29E-11	0.00E+00	0.00E+00	3.38E-11	6.16E-12	3.91E-11	6.02E-12	5.64E-12	9.07E-11
4841	481863.09	3861877.25	3.30E-07	3.25E-07	3.16E-07	1.14E-10	3.44E-10	1.99E-10	1.97E-10	1.78E-10	8.14E-11	7.90E-11	0.00E+00	0.00E+00	3.67E-11	6.68E-12	4.24E-11	6.54E-12	6.12E-12	9.84E-11
4842	482363.09	3861877.25	3.61E-07	3.56E-07	3.46E-07	1.25E-10	3.77E-10	2.18E-10	2.16E-10	1.95E-10	8.92E-11	8.66E-11	0.00E+00	0.00E+00	4.02E-11	7.32E-12	4.64E-11	7.16E-12	6.70E-12	1.08E-10
4843	482863.09	3861877.25	3.95E-07	3.89E-07	3.78E-07	1.37E-10	4.12E-10	2.39E-10	2.36E-10	2.14E-10	9.75E-11	9.46E-11	0.00E+00	0.00E+00	4.39E-11	8.00E-12	5.07E-11	7.83E-12	7.33E-12	1.18E-10
4844	483363.09	3861877.25	4.21E-07	4.15E-07	4.03E-07	1.46E-10	4.40E-10	2.55E-10	2.51E-10	2.28E-10	1.04E-10	1.01E-10	0.00E+00	0.00E+00	4.68E-11	8.53E-12	5.41E-11	8.34E-12	7.81E-12	1.26E-10
4845	483863.09	3861877.25	4.35E-07	4.29E-07	4.17E-07	1.51E-10	4.55E-10	2.63E-10	2.60E-10	2.36E-10	1.07E-10	1.04E-10	0.00E+00	0.00E+00	4.84E-11	8.82E-12	5.60E-11	8.63E-12	8.08E-12	1.30E-10
4846	484363.09	3861877.25	4.50E-07	4.44E-07	4.31E-07	1.56E-10	4.70E-10	2.72E-10	2.69E-10	2.44E-10	1.11E-10	1.08E-10	0.00E+00	0.00E+00	5.01E-11	9.12E-12	5.79E-11	8.93E-12	8.36E-12	1.34E-10
4847	484863.09	3861877.25	4.84E-07	4.78E-07	4.64E-07	1.68E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	0.00E+00	0.00E+00	5.39E-11	9.81E-12	6.23E-11	9.60E-12	8.99E-12	1.45E-10
4848	485363.09	3861877.25	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.32E-10	1.28E-10	0.00E+00	0.00E+00	5.93E-11	1.08E-11	6.85E-11	1.06E-11	9.89E-12	1.59E-10
4849	485863.09	3861877.25	5.88E-07	5.80E-07	5.63E-07	2.03E-10	6.14E-10	3.56E-10	3.51E-10	3.18E-10	1.45E-10	1.41E-10	0.00E+00	0.00E+00	6.54E-11	1.19E-11	7.56E-11	1.17E-11	1.09E-11	1.75E-10
4850	486363.09	3861877.25	6.61E-07	6.53E-07	6.34E-07	2.29E-10	6.91E-10	4.00E-10	3.95E-10	3.58E-10	1.63E-10	1.59E-10	0.00E+00	0.00E+00	7.36E-11	1.34E-11	8.51E-11	1.31E-11	1.23E-11	1.97E-10
4851	486863.09	3861877.25	7.42E-07	7.32E-07	7.11E-07	2.57E-10	7.75E-10	4.49E-10	4.43E-10	4.02E-10	1.83E-10	1.78E-10	0.00E+00	0.00E+00	8.26E-11	1.50E-11	9.54E-11	1.47E-11	1.38E-11	2.22E-10
4852	487363.09	3861877.25	8.52E-07	8.41E-07	8.17E-07	2.95E-10	8.91E-10	5.16E-10	5.09E-10	4.61E-10	2.10E-10	2.04E-10	0.00E+00	0.00E+00	9.49E-11	1.73E-11	1.10E-10	1.69E-11	1.58E-11	2.54E-10
4853	487863.09	3861877.25	9.74E-07	9.61E-07	9.33E-07	3.37E-10	1.02E-09	5.89E-10	5.82E-10	5.27E-10	2.41E-10	2.34E-10	0.00E+00	0.00E+00	1.08E-10	1.97E-11	1.25E-10	1.93E-11	1.81E-11	2.91E-10
4854	488363.09	3861877.25	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.87E-10	6.78E-10	6.15E-10	2.81E-10	2.72E-10	0.00E+00	0.00E+00	1.26E-10	2.30E-11	1.46E-10	2.25E-11	2.11E-11	3.39E-10
4855	488863.09	3861877.25	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.82E-10	9.69E-10	8.78E-10	4.01E-10	3.89E-10	0.00E+00	0.00E+00	1.81E-10	3.29E-11	2.09E-10	3.22E-11	3.01E-11	4.85E-10
4856	489363.09	3861877.25	4.44E-06	4.38E-06	4.26E-06	1.54E-09	4.64E-09	2.69E-09	2.65E-09	2.40E-09	1.10E-09	1.07E-09	0.00E+00	0.00E+00	4.94E-10	9.00E-11	5.71E-10	8.81E-11	8.25E-11	1.33E-09
4857	489863.09	3861877.25	2.03E-06	2.01E-06	1.95E-06	7.04E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	0.00E+00	0.00E+00	2.26E-10	4.12E-11	2.61E-10	4.03E-11	3.77E-11	6.07E-10
4858	490363.09	3861877.25	1.54E-06	1.52E-06	1.47E-06	5.31E-10	1.60E-09	9.29E-10	9.17E-10	8.31E-10	3.79E-10	3.68E-10	0.00E+00	0.00E+00	1.71E-10	3.11E-11	1.97E-10	3.04E-11	2.85E-11	4.58E-10
4859	490863.09	3861877.25	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.01E-10	7.90E-10	7.16E-10	3.27E-10	3.17E-10	0.00E+00	0.00E+00	1.47E-10	2.68E-11	1.70E-10	2.62E-11	2.46E-11	3.95E-10
4860	491363.09	3861877.25	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.20E-10	6.53E-10	2.98E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.45E-11	1.55E-10	2.39E-11	2.24E-11	3.60E-10
4861	491863.09	3861877.25	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.10E-10	2.78E-10	2.70E-10	0.00E+00	0.00E+00	1.25E-10	2.28E-11	1.45E-10	2.23E-11	2.09E-11	3.36E-10
4862	492363.09	3861877.25	1.05E-06	1.04E-06	1.01E-06	3.65E-10	1.10E-09	6.38E-10	6.30E-10	5.71E-10	2.60E-10	2.53E-10	0.00E+00	0.00E+00	1.17E-10	2.14E-11	1.36E-10	2.09E-11	1.96E-11	3.15E-10
4863	492863.09	3861877.25	9.93E-07	9.80E-07	9.52E-07	3.44E-10	1.04E-09	6.01E-10	5.93E-10	5.38E-10	2.45E-10	2.38E-10	0.00E+00	0.00E+00	1.11E-10	2.01E-11	1.28E-10	1.97E-11	1.84E-11	2.97E-10
4864	493363.09	3861877.25	9.43E-07	9.31E-07	9.04E-07	3.27E-10	9.86E-10	5.71E-10	5.63E-10	5.11E-10	2.33E-10	2.26E-10	0.00E+00	0.00E+00	1.05E-10	1.91E-11	1.21E-10	1.87E-11	1.75E-11	2.82E-10
4865	493863.09	3861877.25	9.11E-07	8.99E-07	8.73E-07	3.15E-10	9.52E-10	5.51E-10	5.44E-10	4.93E-10	2.25E-10	2.18E-10	0.00E+00	0.00E+00	1.01E-10	1.85E-11	1.17E-10	1.81E-11	1.69E-11	2.72E-10
4866	494363.09	3861877.25	8.90E-07	8.79E-07	8.53E-07	3.08E-10	9.31E-10	5.39E-10	5.32E-10	4.82E-10	2.20E-10	2.14E-10	0.00E+00	0.00E+00	9.91E-11	1.80E-11	1.15E-10	1.77E-11	1.65E-11	2.66E-10
4867	494863.09	3861877.25	8.81E-07	8.69E-07	8.44E-07	3.05E-10	9.20E-10	5.33E-10	5.26E-10	4.77E-10	2.18E-10	2.11E-10	0.00E+00	0.00E+00	9.80E-11	1.78E-11	1.13E-10	1.75E-11	1.64E-11	2.63E-10
4868	495363.09	3861877.25	8.59E-07	8.47E-07	8.23E-07	2.97E-10	8.97E-10	5.20E-10	5.13E-10	4.65E-10	2.12E-10	2.06E-10	0.00E+00	0.00E+00	9.56E-11	1.74E-11	1.10E-10	1.70E-11	1.59E-11	2.56E-10
4869	495863.09	3861877.25	8.32E-07	8.21E-07	7.98E-07	2.88E-10	8.70E-10	5.04E-10	4.97E-10	4.51E-10	2.06E-10	2.00E-10	0.00E+00	0.00E+00	9.26E-11	1.69E-11	1.07E-10	1.65E-11	1.55E-11	2.49E-10

4870	496363.09	3861877.25	8.12E-07	8.01E-07	7.78E-07	2.81E-10	8.48E-10	4.91E-10	4.85E-10	4.39E-10	2.00E-10	1.95E-10	0.00E+00	0.00E+00	9.03E-11	1.64E-11	1.04E-10	1.61E-11	1.51E-11	2.42E-10
4871	496863.09	3861877.25	8.37E-07	8.26E-07	8.03E-07	2.90E-10	8.75E-10	5.07E-10	5.00E-10	4.53E-10	2.07E-10	2.01E-10	0.00E+00	0.00E+00	9.32E-11	1.70E-11	1.08E-10	1.66E-11	1.56E-11	2.50E-10
4872	497363.09	3861877.25	7.88E-07	7.77E-07	7.55E-07	2.73E-10	8.23E-10	4.77E-10	4.70E-10	4.26E-10	1.95E-10	1.89E-10	0.00E+00	0.00E+00	8.77E-11	1.60E-11	1.01E-10	1.56E-11	1.46E-11	2.35E-10
4873	497863.09	3861877.25	7.54E-07	7.44E-07	7.23E-07	2.61E-10	7.88E-10	4.56E-10	4.50E-10	4.08E-10	1.86E-10	1.81E-10	0.00E+00	0.00E+00	8.39E-11	1.53E-11	9.70E-11	1.50E-11	1.40E-11	2.25E-10
4874	498363.09	3861877.25	7.28E-07	7.19E-07	6.98E-07	2.52E-10	7.61E-10	4.41E-10	4.35E-10	3.94E-10	1.80E-10	1.75E-10	0.00E+00	0.00E+00	8.10E-11	1.48E-11	9.36E-11	1.44E-11	1.35E-11	2.17E-10
4875	471363.09	3862377.25	8.29E-08	8.18E-08	7.94E-08	2.87E-11	8.66E-11	5.02E-11	4.95E-11	4.49E-11	2.05E-11	1.99E-11	0.00E+00	0.00E+00	9.23E-12	1.68E-12	1.07E-11	1.64E-12	1.54E-12	2.48E-11
4876	471863.09	3862377.25	8.64E-08	8.53E-08	8.28E-08	2.99E-11	9.03E-11	5.23E-11	5.16E-11	4.68E-11	2.13E-11	2.07E-11	0.00E+00	0.00E+00	9.62E-12	1.75E-12	1.11E-11	1.71E-12	1.60E-12	2.58E-11
4877	472363.09	3862377.25	9.07E-08	8.95E-08	8.69E-08	3.14E-11	9.48E-11	5.49E-11	5.42E-11	4.91E-11	2.24E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.68E-12	2.71E-11
4878	472863.09	3862377.25	9.54E-08	9.41E-08	9.14E-08	3.30E-11	9.97E-11	5.77E-11	5.70E-11	5.16E-11	2.36E-11	2.29E-11	0.00E+00	0.00E+00	1.06E-11	1.93E-12	1.23E-11	1.89E-12	1.77E-12	2.85E-11
4879	473363.09	3862377.25	1.00E-07	9.92E-08	9.63E-08	3.48E-11	1.05E-10	6.08E-11	6.00E-11	5.44E-11	2.48E-11	2.41E-11	0.00E+00	0.00E+00	1.12E-11	2.04E-12	1.29E-11	1.99E-12	1.87E-12	3.00E-11
4880	473863.09	3862377.25	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.34E-11	5.75E-11	2.62E-11	2.55E-11	0.00E+00	0.00E+00	1.18E-11	2.15E-12	1.37E-11	2.11E-12	1.97E-12	3.17E-11
4881	474363.09	3862377.25	1.12E-07	1.11E-07	1.08E-07	3.89E-11	1.18E-10	6.80E-11	6.71E-11	6.09E-11	2.78E-11	2.70E-11	0.00E+00	0.00E+00	1.25E-11	2.28E-12	1.45E-11	2.23E-12	2.09E-12	3.36E-11
4882	474863.09	3862377.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	0.00E+00	0.00E+00	1.32E-11	2.41E-12	1.53E-11	2.36E-12	2.21E-12	3.55E-11
4883	475363.09	3862377.25	1.28E-07	1.26E-07	1.22E-07	4.42E-11	1.34E-10	7.73E-11	7.63E-11	6.92E-11	3.16E-11	3.07E-11	0.00E+00	0.00E+00	1.42E-11	2.59E-12	1.64E-11	2.53E-12	2.37E-12	3.82E-11
4884	475863.09	3862377.25	1.37E-07	1.35E-07	1.31E-07	4.74E-11	1.43E-10	8.29E-11	8.18E-11	7.42E-11	3.38E-11	3.29E-11	0.00E+00	0.00E+00	1.53E-11	2.78E-12	1.76E-11	2.72E-12	2.55E-12	4.09E-11
4885	476363.09	3862377.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.53E-10	8.83E-11	8.72E-11	7.90E-11	3.61E-11	3.50E-11	0.00E+00	0.00E+00	1.63E-11	2.96E-12	1.88E-11	2.90E-12	2.71E-12	4.36E-11
4886	476863.09	3862377.25	1.55E-07	1.53E-07	1.49E-07	5.37E-11	1.62E-10	9.38E-11	9.26E-11	8.39E-11	3.83E-11	3.72E-11	0.00E+00	0.00E+00	1.73E-11	3.14E-12	1.99E-11	3.07E-12	2.88E-12	4.63E-11
4887	477363.09	3862377.25	1.62E-07	1.60E-07	1.56E-07	5.62E-11	1.70E-10	9.83E-11	9.70E-11	8.79E-11	4.01E-11	3.90E-11	0.00E+00	0.00E+00	1.81E-11	3.29E-12	2.09E-11	3.22E-12	3.02E-12	4.85E-11
4888	477863.09	3862377.25	1.50E-07	1.48E-07	1.44E-07	5.20E-11	1.57E-10	9.09E-11	8.97E-11	8.13E-11	3.71E-11	3.60E-11	0.00E+00	0.00E+00	1.67E-11	3.04E-12	1.93E-11	2.98E-12	2.79E-12	4.48E-11
4889	478363.09	3862377.25	1.26E-07	1.25E-07	1.21E-07	4.37E-11	1.32E-10	7.64E-11	7.54E-11	6.83E-11	3.12E-11	3.03E-11	0.00E+00	0.00E+00	1.41E-11	2.56E-12	1.62E-11	2.50E-12	2.34E-12	3.77E-11
4890	478863.09	3862377.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.05E-11	7.94E-11	7.20E-11	3.29E-11	3.19E-11	0.00E+00	0.00E+00	1.48E-11	2.70E-12	1.71E-11	2.64E-12	2.47E-12	3.97E-11
4891	479363.09	3862377.25	1.59E-07	1.57E-07	1.53E-07	5.51E-11	1.66E-10	9.64E-11	9.51E-11	8.62E-11	3.93E-11	3.82E-11	0.00E+00	0.00E+00	1.77E-11	3.23E-12	2.05E-11	3.16E-12	2.96E-12	4.76E-11
4892	479863.09	3862377.25	2.24E-07	2.21E-07	2.15E-07	7.76E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.54E-11	5.38E-11	0.00E+00	0.00E+00	2.50E-11	4.54E-12	2.88E-11	4.45E-12	4.16E-12	6.70E-11
4893	480363.09	3862377.25	2.51E-07	2.48E-07	2.41E-07	8.70E-11	2.63E-10	1.52E-10	1.50E-10	1.36E-10	6.21E-11	6.03E-11	0.00E+00	0.00E+00	2.80E-11	5.10E-12	3.23E-11	4.99E-12	4.67E-12	7.51E-11
4894	480863.09	3862377.25	2.72E-07	2.68E-07	2.61E-07	9.42E-11	2.84E-10	1.65E-10	1.62E-10	1.47E-10	6.72E-11	6.52E-11	0.00E+00	0.00E+00	3.03E-11	5.51E-12	3.50E-11	5.39E-12	5.05E-12	8.12E-11
4895	481363.09	3862377.25	2.95E-07	2.91E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.60E-10	7.28E-11	7.07E-11	0.00E+00	0.00E+00	3.28E-11	5.97E-12	3.79E-11	5.85E-12	5.47E-12	8.80E-11
4896	481863.09	3862377.25	3.19E-07	3.15E-07	3.06E-07	1.10E-10	3.33E-10	1.93E-10	1.90E-10	1.73E-10	7.88E-11	7.65E-11	0.00E+00	0.00E+00	3.55E-11	6.47E-12	4.10E-11	6.33E-12	5.92E-12	9.52E-11
4897	482363.09	3862377.25	3.37E-07	3.33E-07	3.23E-07	1.17E-10	3.53E-10	2.04E-10	2.01E-10	1.83E-10	8.33E-11	8.09E-11	0.00E+00	0.00E+00	3.75E-11	6.84E-12	4.34E-11	6.69E-12	6.26E-12	1.01E-10
4898	482863.09	3862377.25	3.47E-07	3.42E-07	3.32E-07	1.20E-10	3.62E-10	2.10E-10	2.07E-10	1.88E-10	8.56E-11	8.32E-11	0.00E+00	0.00E+00	3.86E-11	7.03E-12	4.46E-11	6.88E-12	6.44E-12	1.04E-10
4899	483363.09	3862377.25	3.53E-07	3.49E-07	3.39E-07	1.22E-10	3.69E-10	2.14E-10	2.11E-10	1.91E-10	8.73E-11	8.48E-11	0.00E+00	0.00E+00	3.93E-11	7.16E-12	4.55E-11	7.01E-12	6.56E-12	1.06E-10
4900	483863.09	3862377.25	3.67E-07	3.63E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.19E-10	1.99E-10	9.08E-11	8.81E-11	0.00E+00	0.00E+00	4.09E-11	7.45E-12	4.73E-11	7.29E-12	6.83E-12	1.10E-10
4901	484363.09	3862377.25	3.99E-07	3.93E-07	3.82E-07	1.38E-10	4.17E-10	2.41E-10	2.38E-10	2.16E-10	9.85E-11	9.56E-11	0.00E+00	0.00E+00	4.44E-11	8.08E-12	5.13E-11	7.91E-12	7.40E-12	1.19E-10
4902	484863.09	3862377.25	4.38E-07	4.33E-07	4.20E-07	1.52E-10	4.58E-10	2.65E-10	2.62E-10	2.37E-10	1.08E-10	1.05E-10	0.00E+00	0.00E+00	4.88E-11	8.88E-12	5.64E-11	8.69E-12	8.14E-12	1.31E-10
4903	485363.09	3862377.25	4.77E-07	4.71E-07	4.57E-07	1.65E-10	4.99E-10	2.89E-10	2.85E-10	2.58E-10	1.18E-10	1.14E-10	0.00E+00	0.00E+00	5.31E-11	9.67E-12	6.14E-11	9.47E-12	8.86E-12	1.42E-10
4904	485863.09	3862377.25	5.29E-07	5.22E-07	5.07E-07	1.83E-10	5.53E-10	3.20E-10	3.16E-10	2.86E-10	1.31E-10	1.27E-10	0.00E+00	0.00E+00	5.88E-11	1.07E-11	6.80E-11	1.05E-11	9.82E-12	1.58E-10
4905	486363.09	3862377.25	5.85E-07	5.78E-07	5.61E-07	2.03E-10	6.12E-10	3.54E-10	3.50E-10	3.17E-10	1.45E-10	1.40E-10	0.00E+00	0.00E+00	6.52E-11	1.19E-11	7.53E-11	1.16E-11	1.09E-11	1.75E-10
4906	486863.09	3862377.25	6.55E-07	6.46E-07	6.28E-07	2.27E-10	6.84E-10	3.96E-10	3.91E-10	3.54E-10	1.62E-10	1.57E-10	0.00E+00	0.00E+00	7.29E-11	1.33E-11	8.42E-11	1.30E-11	1.22E-11	1.96E-10
4907	487363.09	3862377.25	7.46E-07	7.37E-07	7.15E-07	2.58E-10	7.80E-10	4.52E-10	4.46E-10	4.04E-10	1.84E-10	1.79E-10	0.00E+00	0.00E+00	8.31E-11	1.51E-11	9.60E-11	1.48E-11	1.39E-11	2.23E-10
4908	487863.09	3862377.25	8.28E-07	8.18E-07	7.94E-07	2.87E-10	8.66E-10	5.01E-10	4.95E-10	4.48E-10	2.05E-10	1.99E-10	0.00E+00	0.00E+00	9.22E-11	1.68E-11	1.07E-10	1.64E-11	1.54E-11	2.47E-10
4909	488363.09	3862377.25	1.00E-06	9.89E-07	9.61E-07	3.47E-10	1.05E-09	6.07E-10	5.99E-10	5.43E-10	2.48E-10	2.40E-10	0.00E+00	0.00E+00	1.12E-10	2.03E-11	1.29E-10	1.99E-11	1.86E-11	2.99E-10
4910	488863.09	3862377.25	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.84E-10	8.02E-10	3.66E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.90E-10	2.94E-11	2.75E-11	4.42E-10
4911	489363.09	3862377.25	4.35E-06	4.30E-06	4.17E-06	1.51E-09	4.55E-09	2.63E-09	2.60E-09	2.36E-09	1.07E-09	1.04E-09	0.00E+00	0.00E+00	4.84E-10	8.82E-11	5.60E-10	8.63E-11	8.08E-11	1.30E-09
4912	489863.09	3862377.25	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.55E-10	0.00E+00	0.00E+00	2.11E-10	3.85E-11	2.44E-10	3.76E-11	3.52E-11	5.67E-10
4913	490363.09	3862377.25	1.42E-06	1.40E-06	1.36E-06	4.93E-10	1.49E-09	8.61E-10	8.50E-10	7.70E-10	3.52E-10	3.41E-10	0.00E+00	0.00E+00	1.58E-10	2.88E-11	1.83E-10	2.82E-11	2.64E-11	4.25E-10
4914	490863.09	3862377.25	1.19E-06	1.17E-06	1.14E-06	4.12E-10	1.24E-09	7.19E-10	7.10E-10	6.44E-10	2.94E-10	2.85E-10	0.00E+00	0.00E+00	1.32E-10	2.41E-11	1.53E-10	2.36E-11	2.21E-11	3.55E-10
4915	491363.09	3862377.25	1.06E-06	1.05E-06	1.02E-06	3.67E-10	1.11E-09	6.41E-10	6.33E-10	5.74E-10	2.62E-10	2.54E-10	0.00E+00	0.00E+00	1.18E-10	2.15E-11	1.36E-10	2.10E-11	1.97E-11	3.16E-10
4916	491863.09	3862377.25	9.61E-07	9.49E-07	9.21E-07	3.33E-10	1.00E-09	5.82E-10	5.74E-10	5.20E-10	2.37E-10	2.31E-10	0.00E+00	0.00E+00	1.07E-10	1.95E-11	1.24E-10	1.91E-11	1.79E-11	2.87E-10
4917	492363.09	3862377.25	9.02E-07	8.90E-07	8.64E-07	3.12E-10	9.42E-10	5.46E-10	5.38E-10	4.88E-10	2.23E-10	2.16E-10	0.00E+00	0.00E+00	1.00E-10	1.83E-11	1.16E-10	1.79E-11	1.67E-11	2.69E-10
4918	492863.09	3862377.25	8.61E-07	8.50E-07	8.25E-07	2.98E-10	9.00E-10	5.21E-10	5.14E-10	4.66E-10	2.13E-10	2.07E-10	0.00E+00	0.00E+00	9.59E-11	1.75E-11	1.11E-10	1.71E-11	1.60E-11	2.57E-10
4919	493363.09	3862377.25	8.13E-07	8.02E-07	7.79E-07	2.81E-10	8.49E-10	4.92E-10	4.85E-10	4.40E-10	2.01E-10	1.95E-10	0.00E+00	0.00E+00	9.05E-11	1.65E-11	1.05E-10	1.61E-11	1.51E-11	2.43E-10
4920	493863.09	3862377.25	7.67E-07	7.57E-07	7.35E-07	2.65E-10	8.02E-10	4.64E-10	4.58E-10	4.15E-10	1.89E-10	1.84E-10	0.00E+00	0.00E+00	8.54E-11	1.55E-11	9.86E-11	1.52E-11	1.42E-11	2.29E-10
4921	494363.09	3862377.25	7.38E-07	7.28E-07	7.07E-07	2.55E-10	7.71E-10	4.46E-10	4.40E-10	3.99E-10	1.82E-10	1.77E-10	0.00E+00	0.00E+00	8.21E-11	1.50E-11	9.49E-11	1.46E-11	1.37E-11	2.20E-10
4922	494863.09	3862377.25	7.21E-07	7.12E-07	6.91E-07	2.50E-10	7.54E-10	4.36E-10	4.31E-10	3.90E-10	1.78E-10	1.73E-10	0.00E+00	0.00E+00	8.03E-11	1.46E-11	9.27E-11	1.43E-11	1.34E-11	2.15E-10

4923	495363.09	3862377.25	7.04E-07	6.94E-07	6.74E-07	2.44E-10	7.35E-10	4.26E-10	4.20E-10	3.81E-10	1.74E-10	1.69E-10	0.00E+00	0.00E+00	7.83E-11	1.43E-11	9.05E-11	1.40E-11	1.31E-11	2.10E-10
4924	495863.09	3862377.25	6.91E-07	6.82E-07	6.62E-07	2.39E-10	7.22E-10	4.18E-10	4.13E-10	3.74E-10	1.71E-10	1.66E-10	0.00E+00	0.00E+00	7.69E-11	1.40E-11	8.89E-11	1.37E-11	1.28E-11	2.06E-10
4925	496363.09	3862377.25	6.74E-07	6.65E-07	6.46E-07	2.33E-10	7.04E-10	4.08E-10	4.02E-10	3.65E-10	1.66E-10	1.62E-10	0.00E+00	0.00E+00	7.50E-11	1.37E-11	8.67E-11	1.34E-11	1.25E-11	2.01E-10
4926	496863.09	3862377.25	6.64E-07	6.56E-07	6.37E-07	2.30E-10	6.94E-10	4.02E-10	3.97E-10	3.60E-10	1.64E-10	1.59E-10	0.00E+00	0.00E+00	7.40E-11	1.35E-11	8.54E-11	1.32E-11	1.23E-11	1.98E-10
4927	497363.09	3862377.25	6.42E-07	6.34E-07	6.16E-07	2.22E-10	6.72E-10	3.89E-10	3.84E-10	3.48E-10	1.59E-10	1.54E-10	0.00E+00	0.00E+00	7.15E-11	1.30E-11	8.26E-11	1.27E-11	1.19E-11	1.92E-10
4928	497863.09	3862377.25	6.25E-07	6.17E-07	5.99E-07	2.17E-10	6.54E-10	3.78E-10	3.73E-10	3.39E-10	1.54E-10	1.50E-10	0.00E+00	0.00E+00	6.96E-11	1.27E-11	8.04E-11	1.24E-11	1.16E-11	1.87E-10
4929	498363.09	3862377.25	6.05E-07	5.97E-07	5.79E-07	2.09E-10	6.32E-10	3.66E-10	3.61E-10	3.27E-10	1.49E-10	1.45E-10	0.00E+00	0.00E+00	6.73E-11	1.23E-11	7.78E-11	1.20E-11	1.12E-11	1.81E-10
4930	471363.09	3862877.25	8.39E-08	8.28E-08	8.04E-08	2.91E-11	8.77E-11	5.08E-11	5.01E-11	4.54E-11	2.07E-11	2.01E-11	0.00E+00	0.00E+00	9.34E-12	1.70E-12	1.08E-11	1.66E-12	1.56E-12	2.51E-11
4931	471863.09	3862877.25	8.82E-08	8.71E-08	8.46E-08	3.05E-11	9.22E-11	5.34E-11	5.27E-11	4.78E-11	2.18E-11	2.12E-11	0.00E+00	0.00E+00	9.82E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
4932	472363.09	3862877.25	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
4933	472863.09	3862877.25	9.84E-08	9.71E-08	9.43E-08	3.41E-11	1.03E-10	5.95E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.10E-11	1.99E-12	1.27E-11	1.95E-12	1.83E-12	2.94E-11
4934	473363.09	3862877.25	1.04E-07	1.03E-07	9.99E-08	3.61E-11	1.09E-10	6.31E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	0.00E+00	0.00E+00	1.16E-11	2.11E-12	1.34E-11	2.07E-12	1.94E-12	3.11E-11
4935	473863.09	3862877.25	1.11E-07	1.09E-07	1.06E-07	3.83E-11	1.16E-10	6.69E-11	6.61E-11	5.99E-11	2.73E-11	2.65E-11	0.00E+00	0.00E+00	1.23E-11	2.24E-12	1.42E-11	2.19E-12	2.05E-12	3.30E-11
4936	474363.09	3862877.25	1.17E-07	1.16E-07	1.12E-07	4.05E-11	1.22E-10	7.09E-11	6.99E-11	6.34E-11	2.89E-11	2.81E-11	0.00E+00	0.00E+00	1.30E-11	2.37E-12	1.51E-11	2.32E-12	2.18E-12	3.50E-11
4937	474863.09	3862877.25	1.24E-07	1.23E-07	1.19E-07	4.30E-11	1.30E-10	7.52E-11	7.42E-11	6.73E-11	3.07E-11	2.98E-11	0.00E+00	0.00E+00	1.38E-11	2.52E-12	1.60E-11	2.47E-12	2.31E-12	3.71E-11
4938	475363.09	3862877.25	1.32E-07	1.30E-07	1.27E-07	4.58E-11	1.38E-10	8.00E-11	7.90E-11	7.16E-11	3.27E-11	3.17E-11	0.00E+00	0.00E+00	1.47E-11	2.68E-12	1.70E-11	2.62E-12	2.46E-12	3.95E-11
4939	475863.09	3862877.25	1.40E-07	1.38E-07	1.34E-07	4.86E-11	1.47E-10	8.49E-11	8.38E-11	7.59E-11	3.47E-11	3.36E-11	0.00E+00	0.00E+00	1.56E-11	2.84E-12	1.80E-11	2.78E-12	2.61E-12	4.19E-11
4940	476363.09	3862877.25	1.48E-07	1.47E-07	1.42E-07	5.14E-11	1.55E-10	8.98E-11	8.87E-11	8.04E-11	3.67E-11	3.56E-11	0.00E+00	0.00E+00	1.65E-11	3.01E-12	1.91E-11	2.95E-12	2.76E-12	4.43E-11
4941	476863.09	3862877.25	1.56E-07	1.54E-07	1.50E-07	5.41E-11	1.63E-10	9.46E-11	9.33E-11	8.46E-11	3.86E-11	3.75E-11	0.00E+00	0.00E+00	1.74E-11	3.17E-12	2.01E-11	3.10E-12	2.90E-12	4.67E-11
4942	477363.09	3862877.25	1.63E-07	1.61E-07	1.56E-07	5.64E-11	1.70E-10	9.87E-11	9.74E-11	8.83E-11	4.03E-11	3.91E-11	0.00E+00	0.00E+00	1.82E-11	3.31E-12	2.10E-11	3.23E-12	3.03E-12	4.87E-11
4943	477863.09	3862877.25	1.62E-07	1.60E-07	1.56E-07	5.62E-11	1.70E-10	9.83E-11	9.70E-11	8.79E-11	4.01E-11	3.90E-11	0.00E+00	0.00E+00	1.81E-11	3.29E-12	2.09E-11	3.22E-12	3.02E-12	4.85E-11
4944	478363.09	3862877.25	1.43E-07	1.41E-07	1.37E-07	4.94E-11	1.49E-10	8.63E-11	8.52E-11	7.72E-11	3.52E-11	3.42E-11	0.00E+00	0.00E+00	1.59E-11	2.89E-12	1.83E-11	2.83E-12	2.65E-12	4.26E-11
4945	478863.09	3862877.25	1.53E-07	1.51E-07	1.46E-07	5.28E-11	1.59E-10	9.23E-11	9.11E-11	8.26E-11	3.77E-11	3.66E-11	0.00E+00	0.00E+00	1.70E-11	3.09E-12	1.96E-11	3.03E-12	2.83E-12	4.55E-11
4946	479363.09	3862877.25	1.65E-07	1.63E-07	1.58E-07	5.72E-11	1.73E-10	1.00E-10	9.87E-11	8.95E-11	4.08E-11	3.96E-11	0.00E+00	0.00E+00	1.84E-11	3.35E-12	2.13E-11	3.28E-12	3.07E-12	4.94E-11
4947	479863.09	3862877.25	2.27E-07	2.24E-07	2.18E-07	7.87E-11	2.37E-10	1.37E-10	1.36E-10	1.23E-10	5.61E-11	5.45E-11	0.00E+00	0.00E+00	2.53E-11	4.61E-12	2.92E-11	4.51E-12	4.22E-12	6.78E-11
4948	480363.09	3862877.25	2.47E-07	2.44E-07	2.37E-07	8.55E-11	2.58E-10	1.50E-10	1.48E-10	1.34E-10	6.10E-11	5.93E-11	0.00E+00	0.00E+00	2.75E-11	5.01E-12	3.18E-11	4.90E-12	4.59E-12	7.38E-11
4949	480863.09	3862877.25	2.65E-07	2.61E-07	2.54E-07	9.17E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.54E-11	6.35E-11	0.00E+00	0.00E+00	2.95E-11	5.37E-12	3.41E-11	5.25E-12	4.92E-12	7.91E-11
4950	481363.09	3862877.25	2.78E-07	2.75E-07	2.67E-07	9.63E-11	2.91E-10	1.68E-10	1.66E-10	1.51E-10	6.87E-11	6.67E-11	0.00E+00	0.00E+00	3.10E-11	5.64E-12	3.58E-11	5.52E-12	5.17E-12	8.31E-11
4951	481863.09	3862877.25	2.85E-07	2.81E-07	2.73E-07	9.86E-11	2.98E-10	1.72E-10	1.70E-10	1.54E-10	7.03E-11	6.83E-11	0.00E+00	0.00E+00	3.17E-11	5.77E-12	3.66E-11	5.65E-12	5.29E-12	8.50E-11
4952	482363.09	3862877.25	2.87E-07	2.83E-07	2.75E-07	9.94E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.89E-11	0.00E+00	0.00E+00	3.20E-11	5.82E-12	3.69E-11	5.69E-12	5.33E-12	8.57E-11
4953	482863.09	3862877.25	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.26E-11	7.05E-11	0.00E+00	0.00E+00	3.27E-11	5.96E-12	3.78E-11	5.83E-12	5.46E-12	8.77E-11
4954	483363.09	3862877.25	3.10E-07	3.06E-07	2.97E-07	1.07E-10	3.24E-10	1.88E-10	1.85E-10	1.68E-10	7.66E-11	7.44E-11	0.00E+00	0.00E+00	3.45E-11	6.28E-12	3.99E-11	6.15E-12	5.76E-12	9.26E-11
4955	483863.09	3862877.25	3.37E-07	3.32E-07	3.23E-07	1.17E-10	3.52E-10	2.04E-10	2.01E-10	1.82E-10	8.32E-11	8.08E-11	0.00E+00	0.00E+00	3.75E-11	6.82E-12	4.33E-11	6.68E-12	6.25E-12	1.01E-10
4956	484363.09	3862877.25	3.68E-07	3.63E-07	3.53E-07	1.27E-10	3.85E-10	2.23E-10	2.20E-10	1.99E-10	9.09E-11	8.83E-11	0.00E+00	0.00E+00	4.10E-11	7.46E-12	4.74E-11	7.30E-12	6.84E-12	1.10E-10
4957	484863.09	3862877.25	3.94E-07	3.89E-07	3.78E-07	1.37E-10	4.12E-10	2.39E-10	2.36E-10	2.14E-10	9.74E-11	9.46E-11	0.00E+00	0.00E+00	4.39E-11	8.00E-12	5.07E-11	7.82E-12	7.33E-12	1.18E-10
4958	485363.09	3862877.25	4.30E-07	4.24E-07	4.12E-07	1.49E-10	4.49E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	0.00E+00	0.00E+00	4.78E-11	8.71E-12	5.53E-11	8.52E-12	7.98E-12	1.28E-10
4959	485863.09	3862877.25	4.74E-07	4.67E-07	4.54E-07	1.64E-10	4.95E-10	2.87E-10	2.83E-10	2.56E-10	1.17E-10	1.14E-10	0.00E+00	0.00E+00	5.27E-11	9.60E-12	6.09E-11	9.39E-12	8.80E-12	1.41E-10
4960	486363.09	3862877.25	5.23E-07	5.16E-07	5.01E-07	1.81E-10	5.46E-10	3.16E-10	3.12E-10	2.83E-10	1.29E-10	1.25E-10	0.00E+00	0.00E+00	5.82E-11	1.06E-11	6.72E-11	1.04E-11	9.71E-12	1.56E-10
4961	486863.09	3862877.25	5.83E-07	5.76E-07	5.59E-07	2.02E-10	6.09E-10	3.53E-10	3.48E-10	3.16E-10	1.44E-10	1.40E-10	0.00E+00	0.00E+00	6.49E-11	1.18E-11	7.50E-11	1.16E-11	1.08E-11	1.74E-10
4962	487363.09	3862877.25	6.43E-07	6.35E-07	6.16E-07	2.23E-10	6.72E-10	3.89E-10	3.84E-10	3.48E-10	1.59E-10	1.54E-10	0.00E+00	0.00E+00	7.16E-11	1.30E-11	8.27E-11	1.28E-11	1.19E-11	1.92E-10
4963	487863.09	3862877.25	7.14E-07	7.04E-07	6.84E-07	2.47E-10	7.46E-10	4.32E-10	4.26E-10	3.86E-10	1.76E-10	1.71E-10	0.00E+00	0.00E+00	7.94E-11	1.45E-11	9.18E-11	1.42E-11	1.33E-11	2.13E-10
4964	488363.09	3862877.25	8.75E-07	8.64E-07	8.39E-07	3.03E-10	9.15E-10	5.30E-10	5.23E-10	4.74E-10	2.16E-10	2.10E-10	0.00E+00	0.00E+00	9.74E-11	1.77E-11	1.13E-10	1.74E-11	1.63E-11	2.61E-10
4965	488863.09	3862877.25	1.35E-06	1.34E-06	1.30E-06	4.68E-10	1.41E-09	8.19E-10	8.08E-10	7.32E-10	3.34E-10	3.25E-10	0.00E+00	0.00E+00	1.51E-10	2.74E-11	1.74E-10	2.68E-11	2.51E-11	4.04E-10
4966	489363.09	3862877.25	4.27E-06	4.21E-06	4.09E-06	1.48E-09	4.46E-09	2.58E-09	2.55E-09	2.31E-09	1.05E-09	1.02E-09	0.00E+00	0.00E+00	4.75E-10	8.65E-11	5.49E-10	8.46E-11	7.92E-11	1.27E-09
4967	489863.09	3862877.25	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.25E-10	0.00E+00	0.00E+00	1.97E-10	3.59E-11	2.28E-10	3.51E-11	3.29E-11	5.29E-10
4968	490363.09	3862877.25	1.28E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.77E-10	7.67E-10	6.96E-10	3.17E-10	3.08E-10	0.00E+00	0.00E+00	1.43E-10	2.60E-11	1.65E-10	2.55E-11	2.39E-11	3.84E-10
4969	490863.09	3862877.25	1.04E-06	1.03E-06	9.98E-07	3.60E-10	1.09E-09	6.30E-10	6.22E-10	5.64E-10	2.57E-10	2.50E-10	0.00E+00	0.00E+00	1.16E-10	2.11E-11	1.34E-10	2.07E-11	1.93E-11	3.11E-10
4970	491363.09	3862877.25	9.20E-07	9.08E-07	8.82E-07	3.18E-10	9.62E-10	5.57E-10	5.49E-10	4.98E-10	2.27E-10	2.21E-10	0.00E+00	0.00E+00	1.02E-10	1.86E-11	1.18E-10	1.82E-11	1.71E-11	2.75E-10
4971	491863.09	3862877.25	8.21E-07	8.11E-07	7.87E-07	2.84E-10	8.59E-10	4.97E-10	4.91E-10	4.45E-10	2.03E-10	1.97E-10	0.00E+00	0.00E+00	9.14E-11	1.66E-11	1.06E-10	1.63E-11	1.53E-11	2.45E-10
4972	492363.09	3862877.25	7.64E-07	7.54E-07	7.32E-07	2.64E-10	7.99E-10	4.62E-10	4.56E-10	4.14E-10	1.89E-10	1.83E-10	0.00E+00	0.00E+00	8.50E-11	1.55E-11	9.83E-11	1.52E-11	1.42E-11	2.28E-10
4973	492863.09	3862877.25	7.23E-07	7.13E-07	6.93E-07	2.50E-10	7.55E-10	4.37E-10	4.32E-10	3.91E-10	1.78E-10	1.73E-10	0.00E+00	0.00E+00	8.04E-11	1.46E-11	9.29E-11	1.43E-11	1.34E-11	2.16E-10
4974	493363.09	3862877.25	6.98E-07	6.89E-07	6.69E-07	2.42E-10	7.30E-10	4.22E-10	4.17E-10	3.78E-10	1.72E-10	1.67E-10	0.00E+00	0.00E+00	7.77E-11	1.42E-11	8.98E-11	1.38E-11	1.30E-11	2.08E-10
4975	493863.09	3862877.25	6.68E-07	6.59E-07	6.40E-07	2.31E-10	6.98E-10	4.04E-10	3.99E-10	3.62E-10	1.65E-10	1.60E-10	0.00E+00	0.00E+00	7.44E-11	1.35E-11	8.59E-11	1.33E-11	1.24E-11	2.00E-10

4976	494363.09	3862877.25	6.33E-07	6.25E-07	6.07E-07	2.19E-10	6.62E-10	3.83E-10	3.78E-10	3.43E-10	1.56E-10	1.52E-10	0.00E+00	0.00E+00	7.05E-11	1.28E-11	8.14E-11	1.26E-11	1.18E-11	1.89E-10
4977	494863.09	3862877.25	6.04E-07	5.96E-07	5.79E-07	2.09E-10	6.31E-10	3.66E-10	3.61E-10	3.27E-10	1.49E-10	1.45E-10	0.00E+00	0.00E+00	6.72E-11	1.22E-11	7.77E-11	1.20E-11	1.12E-11	1.80E-10
4978	495363.09	3862877.25	5.88E-07	5.80E-07	5.63E-07	2.03E-10	6.14E-10	3.56E-10	3.51E-10	3.18E-10	1.45E-10	1.41E-10	0.00E+00	0.00E+00	6.54E-11	1.19E-11	7.56E-11	1.17E-11	1.09E-11	1.75E-10
4979	495863.09	3862877.25	5.77E-07	5.70E-07	5.53E-07	2.00E-10	6.03E-10	3.49E-10	3.45E-10	3.13E-10	1.43E-10	1.38E-10	0.00E+00	0.00E+00	6.43E-11	1.17E-11	7.43E-11	1.15E-11	1.07E-11	1.72E-10
4980	496363.09	3862877.25	5.70E-07	5.62E-07	5.46E-07	1.97E-10	5.95E-10	3.45E-10	3.40E-10	3.08E-10	1.41E-10	1.37E-10	0.00E+00	0.00E+00	6.34E-11	1.15E-11	7.33E-11	1.13E-11	1.06E-11	1.70E-10
4981	496863.09	3862877.25	5.61E-07	5.54E-07	5.38E-07	1.94E-10	5.86E-10	3.39E-10	3.35E-10	3.04E-10	1.39E-10	1.35E-10	0.00E+00	0.00E+00	6.24E-11	1.14E-11	7.22E-11	1.11E-11	1.04E-11	1.68E-10
4982	497363.09	3862877.25	5.47E-07	5.40E-07	5.24E-07	1.89E-10	5.72E-10	3.31E-10	3.27E-10	2.96E-10	1.35E-10	1.31E-10	0.00E+00	0.00E+00	6.09E-11	1.11E-11	7.04E-11	1.08E-11	1.02E-11	1.63E-10
4983	497863.09	3862877.25	5.34E-07	5.27E-07	5.11E-07	1.85E-10	5.58E-10	3.23E-10	3.19E-10	2.89E-10	1.32E-10	1.28E-10	0.00E+00	0.00E+00	5.94E-11	1.08E-11	6.86E-11	1.06E-11	9.91E-12	1.59E-10
4984	498363.09	3862877.25	5.23E-07	5.17E-07	5.02E-07	1.81E-10	5.47E-10	3.17E-10	3.13E-10	2.83E-10	1.29E-10	1.26E-10	0.00E+00	0.00E+00	5.83E-11	1.06E-11	6.73E-11	1.04E-11	9.72E-12	1.56E-10
4985	471363.09	3863377.25	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.63E-12	1.75E-12	1.11E-11	1.72E-12	1.61E-12	2.58E-11
4986	471863.09	3863377.25	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	0.00E+00	0.00E+00	1.01E-11	1.85E-12	1.17E-11	1.81E-12	1.69E-12	2.72E-11
4987	472363.09	3863377.25	9.63E-08	9.50E-08	9.23E-08	3.33E-11	1.01E-10	5.83E-11	5.75E-11	5.21E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.88E-11
4988	472863.09	3863377.25	1.02E-07	1.00E-07	9.75E-08	3.52E-11	1.06E-10	6.16E-11	6.08E-11	5.51E-11	2.51E-11	2.44E-11	0.00E+00	0.00E+00	1.13E-11	2.06E-12	1.31E-11	2.02E-12	1.89E-12	3.04E-11
4989	473363.09	3863377.25	1.07E-07	1.06E-07	1.03E-07	3.72E-11	1.12E-10	6.50E-11	6.42E-11	5.82E-11	2.66E-11	2.58E-11	0.00E+00	0.00E+00	1.20E-11	2.18E-12	1.38E-11	2.13E-12	2.00E-12	3.21E-11
4990	473863.09	3863377.25	1.13E-07	1.12E-07	1.09E-07	3.92E-11	1.18E-10	6.86E-11	6.77E-11	6.14E-11	2.80E-11	2.72E-11	0.00E+00	0.00E+00	1.26E-11	2.30E-12	1.46E-11	2.25E-12	2.11E-12	3.38E-11
4991	474363.09	3863377.25	1.19E-07	1.18E-07	1.14E-07	4.14E-11	1.25E-10	7.23E-11	7.13E-11	6.47E-11	2.95E-11	2.87E-11	0.00E+00	0.00E+00	1.33E-11	2.42E-12	1.54E-11	2.37E-12	2.22E-12	3.57E-11
4992	474863.09	3863377.25	1.26E-07	1.24E-07	1.20E-07	4.35E-11	1.31E-10	7.61E-11	7.51E-11	6.81E-11	3.11E-11	3.02E-11	0.00E+00	0.00E+00	1.40E-11	2.55E-12	1.62E-11	2.49E-12	2.33E-12	3.75E-11
4993	475363.09	3863377.25	1.32E-07	1.30E-07	1.26E-07	4.57E-11	1.38E-10	7.98E-11	7.88E-11	7.14E-11	3.26E-11	3.17E-11	0.00E+00	0.00E+00	1.47E-11	2.67E-12	1.70E-11	2.62E-12	2.45E-12	3.94E-11
4994	475863.09	3863377.25	1.38E-07	1.36E-07	1.32E-07	4.78E-11	1.44E-10	8.35E-11	8.25E-11	7.47E-11	3.41E-11	3.31E-11	0.00E+00	0.00E+00	1.54E-11	2.80E-12	1.78E-11	2.74E-12	2.56E-12	4.12E-11
4995	476363.09	3863377.25	1.44E-07	1.43E-07	1.38E-07	5.00E-11	1.51E-10	8.74E-11	8.63E-11	7.82E-11	3.57E-11	3.46E-11	0.00E+00	0.00E+00	1.61E-11	2.93E-12	1.86E-11	2.87E-12	2.68E-12	4.31E-11
4996	476863.09	3863377.25	1.52E-07	1.50E-07	1.45E-07	5.25E-11	1.58E-10	9.17E-11	9.05E-11	8.21E-11	3.74E-11	3.64E-11	0.00E+00	0.00E+00	1.69E-11	3.07E-12	1.95E-11	3.01E-12	2.82E-12	4.53E-11
4997	477363.09	3863377.25	1.60E-07	1.58E-07	1.53E-07	5.54E-11	1.67E-10	9.69E-11	9.56E-11	8.66E-11	3.95E-11	3.84E-11	0.00E+00	0.00E+00	1.78E-11	3.24E-12	2.06E-11	3.17E-12	2.97E-12	4.78E-11
4998	477863.09	3863377.25	1.68E-07	1.66E-07	1.61E-07	5.81E-11	1.75E-10	1.01E-10	1.00E-10	9.08E-11	4.14E-11	4.02E-11	0.00E+00	0.00E+00	1.87E-11	3.40E-12	2.16E-11	3.33E-12	3.12E-12	5.01E-11
4999	478363.09	3863377.25	1.65E-07	1.63E-07	1.59E-07	5.73E-11	1.73E-10	1.00E-10	9.88E-11	8.95E-11	4.09E-11	3.97E-11	0.00E+00	0.00E+00	1.84E-11	3.35E-12	2.13E-11	3.28E-12	3.07E-12	4.94E-11
5000	478863.09	3863377.25	1.81E-07	1.79E-07	1.74E-07	6.28E-11	1.89E-10	1.10E-10	1.08E-10	9.81E-11	4.48E-11	4.35E-11	0.00E+00	0.00E+00	2.02E-11	3.67E-12	2.33E-11	3.60E-12	3.37E-12	5.41E-11
5001	479363.09	3863377.25	2.08E-07	2.06E-07	2.00E-07	7.21E-11	2.18E-10	1.26E-10	1.24E-10	1.13E-10	5.15E-11	5.00E-11	0.00E+00	0.00E+00	2.32E-11	4.22E-12	2.68E-11	4.13E-12	3.87E-12	6.22E-11
5002	479863.09	3863377.25	2.25E-07	2.22E-07	2.15E-07	7.78E-11	2.35E-10	1.36E-10	1.34E-10	1.22E-10	5.55E-11	5.39E-11	0.00E+00	0.00E+00	2.50E-11	4.55E-12	2.89E-11	4.46E-12	4.17E-12	6.71E-11
5003	480363.09	3863377.25	2.35E-07	2.31E-07	2.25E-07	8.12E-11	2.45E-10	1.42E-10	1.40E-10	1.27E-10	5.79E-11	5.62E-11	0.00E+00	0.00E+00	2.61E-11	4.75E-12	3.02E-11	4.65E-12	4.36E-12	7.00E-11
5004	480863.09	3863377.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	0.00E+00	0.00E+00	2.66E-11	4.85E-12	3.08E-11	4.74E-12	4.44E-12	7.14E-11
5005	481363.09	3863377.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	0.00E+00	0.00E+00	2.66E-11	4.85E-12	3.08E-11	4.74E-12	4.44E-12	7.14E-11
5006	481863.09	3863377.25	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.98E-11	5.80E-11	0.00E+00	0.00E+00	2.69E-11	4.90E-12	3.11E-11	4.80E-12	4.49E-12	7.22E-11
5007	482363.09	3863377.25	2.51E-07	2.48E-07	2.41E-07	8.69E-11	2.62E-10	1.52E-10	1.50E-10	1.36E-10	6.20E-11	6.02E-11	0.00E+00	0.00E+00	2.79E-11	5.09E-12	3.23E-11	4.98E-12	4.66E-12	7.50E-11
5008	482863.09	3863377.25	2.67E-07	2.64E-07	2.56E-07	9.26E-11	2.80E-10	1.62E-10	1.60E-10	1.45E-10	6.61E-11	6.41E-11	0.00E+00	0.00E+00	2.98E-11	5.42E-12	3.44E-11	5.30E-12	4.97E-12	7.99E-11
5009	483363.09	3863377.25	2.90E-07	2.86E-07	2.78E-07	1.00E-10	3.03E-10	1.75E-10	1.73E-10	1.57E-10	7.16E-11	6.95E-11	0.00E+00	0.00E+00	3.22E-11	5.87E-12	3.73E-11	5.75E-12	5.38E-12	8.65E-11
5010	483863.09	3863377.25	3.13E-07	3.09E-07	3.00E-07	1.08E-10	3.27E-10	1.89E-10	1.87E-10	1.69E-10	7.72E-11	7.50E-11	0.00E+00	0.00E+00	3.48E-11	6.34E-12	4.02E-11	6.20E-12	5.81E-12	9.33E-11
5011	484363.09	3863377.25	3.32E-07	3.28E-07	3.19E-07	1.15E-10	3.48E-10	2.01E-10	1.99E-10	1.80E-10	8.21E-11	7.98E-11	0.00E+00	0.00E+00	3.70E-11	6.74E-12	4.28E-11	6.59E-12	6.18E-12	9.93E-11
5012	484863.09	3863377.25	3.58E-07	3.53E-07	3.43E-07	1.24E-10	3.74E-10	2.16E-10	2.14E-10	1.94E-10	8.84E-11	8.58E-11	0.00E+00	0.00E+00	3.98E-11	7.25E-12	4.60E-11	7.10E-12	6.64E-12	1.07E-10
5013	485363.09	3863377.25	3.90E-07	3.85E-07	3.74E-07	1.35E-10	4.08E-10	2.36E-10	2.33E-10	2.11E-10	9.64E-11	9.36E-11	0.00E+00	0.00E+00	4.34E-11	7.91E-12	5.02E-11	7.74E-12	7.25E-12	1.17E-10
5014	485863.09	3863377.25	4.26E-07	4.21E-07	4.09E-07	1.48E-10	4.46E-10	2.58E-10	2.55E-10	2.31E-10	1.05E-10	1.02E-10	0.00E+00	0.00E+00	4.75E-11	8.64E-12	5.48E-11	8.46E-12	7.92E-12	1.27E-10
5015	486363.09	3863377.25	4.68E-07	4.61E-07	4.48E-07	1.62E-10	4.89E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	0.00E+00	0.00E+00	5.20E-11	9.48E-12	6.01E-11	9.27E-12	8.68E-12	1.40E-10
5016	486863.09	3863377.25	5.12E-07	5.06E-07	4.91E-07	1.77E-10	5.35E-10	3.10E-10	3.06E-10	2.77E-10	1.27E-10	1.23E-10	0.00E+00	0.00E+00	5.70E-11	1.04E-11	6.59E-11	1.02E-11	9.52E-12	1.53E-10
5017	487363.09	3863377.25	5.45E-07	5.38E-07	5.23E-07	1.89E-10	5.70E-10	3.30E-10	3.26E-10	2.95E-10	1.35E-10	1.31E-10	0.00E+00	0.00E+00	6.07E-11	1.11E-11	7.01E-11	1.08E-11	1.01E-11	1.63E-10
5018	487863.09	3863377.25	6.09E-07	6.01E-07	5.84E-07	2.11E-10	6.37E-10	3.69E-10	3.64E-10	3.30E-10	1.50E-10	1.46E-10	0.00E+00	0.00E+00	6.78E-11	1.24E-11	7.84E-11	1.21E-11	1.13E-11	1.82E-10
5019	488363.09	3863377.25	7.19E-07	7.10E-07	6.89E-07	2.49E-10	7.52E-10	4.35E-10	4.30E-10	3.89E-10	1.78E-10	1.73E-10	0.00E+00	0.00E+00	8.01E-11	1.46E-11	9.25E-11	1.43E-11	1.34E-11	2.15E-10
5020	488863.09	3863377.25	1.09E-06	1.08E-06	1.04E-06	3.77E-10	1.14E-09	6.59E-10	6.51E-10	5.90E-10	2.69E-10	2.61E-10	0.00E+00	0.00E+00	1.21E-10	2.21E-11	1.40E-10	2.16E-11	2.02E-11	3.25E-10
5021	489363.09	3863377.25	3.91E-06	3.86E-06	3.75E-06	1.35E-09	4.09E-09	2.37E-09	2.34E-09	2.12E-09	9.67E-10	9.39E-10	0.00E+00	0.00E+00	4.36E-10	7.93E-11	5.03E-10	7.76E-11	7.27E-11	1.17E-09
5022	489863.09	3863377.25	1.39E-06	1.38E-06	1.34E-06	4.82E-10	1.46E-09	8.43E-10	8.32E-10	7.54E-10	3.44E-10	3.34E-10	0.00E+00	0.00E+00	1.55E-10	2.82E-11	1.79E-10	2.76E-11	2.59E-11	4.16E-10
5023	490363.09	3863377.25	9.90E-07	9.78E-07	9.49E-07	3.43E-10	1.04E-09	5.99E-10	5.91E-10	5.36E-10	2.45E-10	2.38E-10	0.00E+00	0.00E+00	1.10E-10	2.01E-11	1.27E-10	1.96E-11	1.84E-11	2.96E-10
5024	490863.09	3863377.25	8.18E-07	8.07E-07	7.84E-07	2.83E-10	8.55E-10	4.95E-10	4.89E-10	4.43E-10	2.02E-10	1.96E-10	0.00E+00	0.00E+00	9.11E-11	1.66E-11	1.05E-10	1.62E-11	1.52E-11	2.44E-10
5025	491363.09	3863377.25	7.21E-07	7.11E-07	6.91E-07	2.50E-10	7.53E-10	4.36E-10	4.30E-10	3.90E-10	1.78E-10	1.73E-10	0.00E+00	0.00E+00	8.02E-11	1.46E-11	9.27E-11	1.43E-11	1.34E-11	2.15E-10
5026	491863.09	3863377.25	6.65E-07	6.57E-07	6.38E-07	2.30E-10	6.95E-10	4.03E-10	3.97E-10	3.60E-10	1.64E-10	1.60E-10	0.00E+00	0.00E+00	7.41E-11	1.35E-11	8.56E-11	1.32E-11	1.24E-11	1.99E-10
5027	492363.09	3863377.25	6.34E-07	6.26E-07	6.08E-07	2.20E-10	6.63E-10	3.84E-10	3.79E-10	3.43E-10	1.57E-10	1.52E-10	0.00E+00	0.00E+00	7.06E-11	1.29E-11	8.16E-11	1.26E-11	1.18E-11	1.89E-10
5028	492863.09	3863377.25	6.21E-07	6.13E-07	5.95E-07	2.15E-10	6.49E-10	3.76E-10	3.71E-10	3.36E-10	1.53E-10	1.49E-10	0.00E+00	0.00E+00	6.91E-11	1.26E-11	7.98E-11	1.23E-11	1.15E-11	1.85E-10

5029	493363.09	3863377.25	6.01E-07	5.94E-07	5.76E-07	2.08E-10	6.29E-10	3.64E-10	3.59E-10	3.26E-10	1.49E-10	1.44E-10	0.00E+00	0.00E+00	6.70E-11	1.22E-11	7.74E-11	1.19E-11	1.12E-11	1.80E-10
5030	493863.09	3863377.25	5.87E-07	5.80E-07	5.63E-07	2.03E-10	6.14E-10	3.55E-10	3.51E-10	3.18E-10	1.45E-10	1.41E-10	0.00E+00	0.00E+00	6.54E-11	1.19E-11	7.56E-11	1.17E-11	1.09E-11	1.75E-10
5031	494363.09	3863377.25	5.63E-07	5.56E-07	5.40E-07	1.95E-10	5.88E-10	3.41E-10	3.36E-10	3.05E-10	1.39E-10	1.35E-10	0.00E+00	0.00E+00	6.27E-11	1.14E-11	7.24E-11	1.12E-11	1.05E-11	1.68E-10
5032	494863.09	3863377.25	5.41E-07	5.34E-07	5.19E-07	1.87E-10	5.66E-10	3.27E-10	3.23E-10	2.93E-10	1.34E-10	1.30E-10	0.00E+00	0.00E+00	6.02E-11	1.10E-11	6.96E-11	1.07E-11	1.01E-11	1.62E-10
5033	495363.09	3863377.25	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.52E-10	3.19E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	0.00E+00	0.00E+00	5.88E-11	1.07E-11	6.79E-11	1.05E-11	9.80E-12	1.58E-10
5034	495863.09	3863377.25	5.18E-07	5.11E-07	4.97E-07	1.79E-10	5.41E-10	3.13E-10	3.09E-10	2.80E-10	1.28E-10	1.24E-10	0.00E+00	0.00E+00	5.77E-11	1.05E-11	6.66E-11	1.03E-11	9.62E-12	1.55E-10
5035	496363.09	3863377.25	4.90E-07	4.83E-07	4.69E-07	1.69E-10	5.12E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	0.00E+00	0.00E+00	5.45E-11	9.92E-12	6.30E-11	9.71E-12	9.09E-12	1.46E-10
5036	496863.09	3863377.25	4.72E-07	4.66E-07	4.52E-07	1.63E-10	4.93E-10	2.86E-10	2.82E-10	2.56E-10	1.17E-10	1.13E-10	0.00E+00	0.00E+00	5.25E-11	9.57E-12	6.07E-11	9.36E-12	8.77E-12	1.41E-10
5037	497363.09	3863377.25	4.68E-07	4.61E-07	4.48E-07	1.62E-10	4.89E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	0.00E+00	0.00E+00	5.20E-11	9.48E-12	6.01E-11	9.27E-12	8.68E-12	1.40E-10
5038	497863.09	3863377.25	4.63E-07	4.57E-07	4.44E-07	1.60E-10	4.84E-10	2.80E-10	2.77E-10	2.51E-10	1.14E-10	1.11E-10	0.00E+00	0.00E+00	5.15E-11	9.39E-12	5.96E-11	9.18E-12	8.60E-12	1.38E-10
5039	498363.09	3863377.25	4.55E-07	4.49E-07	4.36E-07	1.57E-10	4.75E-10	2.75E-10	2.72E-10	2.46E-10	1.12E-10	1.09E-10	0.00E+00	0.00E+00	5.06E-11	9.22E-12	5.85E-11	9.02E-12	8.45E-12	1.36E-10
5040	471363.09	3863877.25	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.94E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
5041	471863.09	3863877.25	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	0.00E+00	0.00E+00	1.04E-11	1.90E-12	1.21E-11	1.86E-12	1.74E-12	2.80E-11
5042	472363.09	3863877.25	9.85E-08	9.72E-08	9.44E-08	3.41E-11	1.03E-10	5.96E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.95E-12	1.83E-12	2.94E-11
5043	472863.09	3863877.25	1.03E-07	1.02E-07	9.90E-08	3.58E-11	1.08E-10	6.25E-11	6.17E-11	5.59E-11	2.55E-11	2.48E-11	0.00E+00	0.00E+00	1.15E-11	2.09E-12	1.33E-11	2.05E-12	1.92E-12	3.09E-11
5044	473363.09	3863877.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.46E-11	5.85E-11	2.67E-11	2.59E-11	0.00E+00	0.00E+00	1.20E-11	2.19E-12	1.39E-11	2.14E-12	2.01E-12	3.23E-11
5045	473863.09	3863877.25	1.13E-07	1.12E-07	1.08E-07	3.91E-11	1.18E-10	6.84E-11	6.75E-11	6.12E-11	2.79E-11	2.71E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.45E-11	2.24E-12	2.10E-12	3.38E-11
5046	474363.09	3863877.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.03E-11	6.38E-11	2.91E-11	2.82E-11	0.00E+00	0.00E+00	1.31E-11	2.39E-12	1.51E-11	2.34E-12	2.19E-12	3.52E-11
5047	474863.09	3863877.25	1.23E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.42E-11	7.32E-11	6.64E-11	3.03E-11	2.94E-11	0.00E+00	0.00E+00	1.36E-11	2.48E-12	1.58E-11	2.43E-12	2.28E-12	3.66E-11
5048	475363.09	3863877.25	1.28E-07	1.26E-07	1.22E-07	4.42E-11	1.34E-10	7.73E-11	7.63E-11	6.92E-11	3.16E-11	3.07E-11	0.00E+00	0.00E+00	1.42E-11	2.59E-12	1.64E-11	2.53E-12	2.37E-12	3.82E-11
5049	475863.09	3863877.25	1.34E-07	1.32E-07	1.28E-07	4.64E-11	1.40E-10	8.10E-11	8.00E-11	7.25E-11	3.31E-11	3.21E-11	0.00E+00	0.00E+00	1.49E-11	2.71E-12	1.72E-11	2.66E-12	2.49E-12	4.00E-11
5050	476363.09	3863877.25	1.41E-07	1.39E-07	1.35E-07	4.88E-11	1.47E-10	8.54E-11	8.42E-11	7.64E-11	3.48E-11	3.38E-11	0.00E+00	0.00E+00	1.57E-11	2.86E-12	1.81E-11	2.80E-12	2.62E-12	4.21E-11
5051	476863.09	3863877.25	1.50E-07	1.48E-07	1.44E-07	5.19E-11	1.57E-10	9.08E-11	8.96E-11	8.12E-11	3.71E-11	3.60E-11	0.00E+00	0.00E+00	1.67E-11	3.04E-12	1.93E-11	2.98E-12	2.79E-12	4.48E-11
5052	477363.09	3863877.25	1.60E-07	1.58E-07	1.53E-07	5.54E-11	1.67E-10	9.68E-11	9.55E-11	8.66E-11	3.95E-11	3.84E-11	0.00E+00	0.00E+00	1.78E-11	3.24E-12	2.06E-11	3.17E-12	2.97E-12	4.78E-11
5053	477863.09	3863877.25	1.70E-07	1.68E-07	1.63E-07	5.89E-11	1.78E-10	1.03E-10	1.02E-10	9.21E-11	4.20E-11	4.08E-11	0.00E+00	0.00E+00	1.89E-11	3.45E-12	2.19E-11	3.38E-12	3.16E-12	5.08E-11
5054	478363.09	3863877.25	1.78E-07	1.75E-07	1.70E-07	6.14E-11	1.86E-10	1.07E-10	1.06E-10	9.61E-11	4.38E-11	4.26E-11	0.00E+00	0.00E+00	1.98E-11	3.60E-12	2.28E-11	3.52E-12	3.30E-12	5.30E-11
5055	478863.09	3863877.25	1.94E-07	1.92E-07	1.86E-07	6.73E-11	2.03E-10	1.18E-10	1.16E-10	1.05E-10	4.80E-11	4.66E-11	0.00E+00	0.00E+00	2.16E-11	3.94E-12	2.50E-11	3.85E-12	3.61E-12	5.80E-11
5056	479363.09	3863877.25	2.02E-07	1.99E-07	1.93E-07	6.98E-11	2.11E-10	1.22E-10	1.20E-10	1.09E-10	4.98E-11	4.84E-11	0.00E+00	0.00E+00	2.24E-11	4.09E-12	2.59E-11	4.00E-12	3.74E-12	6.02E-11
5057	479863.09	3863877.25	2.05E-07	2.02E-07	1.96E-07	7.10E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.06E-11	4.92E-11	0.00E+00	0.00E+00	2.28E-11	4.15E-12	2.64E-11	4.07E-12	3.81E-12	6.12E-11
5058	480363.09	3863877.25	2.04E-07	2.02E-07	1.96E-07	7.07E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.05E-11	4.90E-11	0.00E+00	0.00E+00	2.27E-11	4.14E-12	2.63E-11	4.05E-12	3.79E-12	6.10E-11
5059	480863.09	3863877.25	2.05E-07	2.02E-07	1.96E-07	7.08E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.05E-11	4.91E-11	0.00E+00	0.00E+00	2.28E-11	4.15E-12	2.63E-11	4.06E-12	3.80E-12	6.11E-11
5060	481363.09	3863877.25	2.09E-07	2.07E-07	2.01E-07	7.24E-11	2.19E-10	1.27E-10	1.25E-10	1.13E-10	5.17E-11	5.02E-11	0.00E+00	0.00E+00	2.33E-11	4.24E-12	2.69E-11	4.15E-12	3.89E-12	6.25E-11
5061	481863.09	3863877.25	2.20E-07	2.17E-07	2.11E-07	7.61E-11	2.30E-10	1.33E-10	1.31E-10	1.19E-10	5.43E-11	5.28E-11	0.00E+00	0.00E+00	2.45E-11	4.46E-12	2.83E-11	4.36E-12	4.08E-12	6.57E-11
5062	482363.09	3863877.25	2.35E-07	2.32E-07	2.25E-07	8.14E-11	2.46E-10	1.42E-10	1.41E-10	1.27E-10	5.81E-11	5.64E-11	0.00E+00	0.00E+00	2.62E-11	4.77E-12	3.03E-11	4.67E-12	4.37E-12	7.03E-11
5063	482863.09	3863877.25	2.52E-07	2.49E-07	2.42E-07	8.73E-11	2.64E-10	1.53E-10	1.51E-10	1.37E-10	6.23E-11	6.05E-11	0.00E+00	0.00E+00	2.81E-11	5.11E-12	3.25E-11	5.00E-12	4.69E-12	7.53E-11
5064	483363.09	3863877.25	2.69E-07	2.65E-07	2.58E-07	9.31E-11	2.81E-10	1.63E-10	1.61E-10	1.46E-10	6.64E-11	6.45E-11	0.00E+00	0.00E+00	2.99E-11	5.45E-12	3.46E-11	5.34E-12	5.00E-12	8.03E-11
5065	483863.09	3863877.25	2.85E-07	2.81E-07	2.73E-07	9.85E-11	2.97E-10	1.72E-10	1.70E-10	1.54E-10	7.03E-11	6.83E-11	0.00E+00	0.00E+00	3.17E-11	5.77E-12	3.66E-11	5.65E-12	5.29E-12	8.50E-11
5066	484363.09	3863877.25	3.02E-07	2.98E-07	2.89E-07	1.05E-10	3.16E-10	1.83E-10	1.80E-10	1.64E-10	7.46E-11	7.24E-11	0.00E+00	0.00E+00	3.36E-11	6.12E-12	3.88E-11	5.99E-12	5.61E-12	9.02E-11
5067	484863.09	3863877.25	3.28E-07	3.24E-07	3.15E-07	1.14E-10	3.43E-10	1.99E-10	1.96E-10	1.78E-10	8.11E-11	7.88E-11	0.00E+00	0.00E+00	3.66E-11	6.66E-12	4.22E-11	6.51E-12	6.10E-12	9.81E-11
5068	485363.09	3863877.25	3.57E-07	3.52E-07	3.42E-07	1.24E-10	3.73E-10	2.16E-10	2.13E-10	1.93E-10	8.82E-11	8.57E-11	0.00E+00	0.00E+00	3.97E-11	7.24E-12	4.59E-11	7.08E-12	6.63E-12	1.07E-10
5069	485863.09	3863877.25	3.87E-07	3.82E-07	3.71E-07	1.34E-10	4.05E-10	2.34E-10	2.31E-10	2.10E-10	9.56E-11	9.29E-11	0.00E+00	0.00E+00	4.31E-11	7.85E-12	4.98E-11	7.68E-12	7.19E-12	1.16E-10
5070	486363.09	3863877.25	4.17E-07	4.11E-07	3.99E-07	1.44E-10	4.36E-10	2.52E-10	2.49E-10	2.26E-10	1.03E-10	1.00E-10	0.00E+00	0.00E+00	4.64E-11	8.45E-12	5.36E-11	8.27E-12	7.74E-12	1.24E-10
5071	486863.09	3863877.25	4.42E-07	4.36E-07	4.23E-07	1.53E-10	4.62E-10	2.67E-10	2.64E-10	2.39E-10	1.09E-10	1.06E-10	0.00E+00	0.00E+00	4.92E-11	8.96E-12	5.68E-11	8.76E-12	8.21E-12	1.32E-10
5072	487363.09	3863877.25	4.65E-07	4.59E-07	4.46E-07	1.61E-10	4.86E-10	2.81E-10	2.78E-10	2.52E-10	1.15E-10	1.12E-10	0.00E+00	0.00E+00	5.18E-11	9.43E-12	5.98E-11	9.23E-12	8.64E-12	1.39E-10
5073	487863.09	3863877.25	5.11E-07	5.04E-07	4.90E-07	1.77E-10	5.34E-10	3.09E-10	3.05E-10	2.77E-10	1.26E-10	1.23E-10	0.00E+00	0.00E+00	5.69E-11	1.04E-11	6.57E-11	1.01E-11	9.49E-12	1.53E-10
5074	488363.09	3863877.25	5.51E-07	5.44E-07	5.28E-07	1.91E-10	5.76E-10	3.34E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	0.00E+00	0.00E+00	6.14E-11	1.12E-11	7.09E-11	1.09E-11	1.02E-11	1.65E-10
5075	488863.09	3863877.25	6.08E-07	6.00E-07	5.82E-07	2.10E-10	6.35E-10	3.68E-10	3.63E-10	3.29E-10	1.50E-10	1.46E-10	0.00E+00	0.00E+00	6.76E-11	1.23E-11	7.82E-11	1.21E-11	1.13E-11	1.81E-10
5076	489363.09	3863877.25	5.97E-07	5.89E-07	5.72E-07	2.07E-10	6.24E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	0.00E+00	0.00E+00	6.64E-11	1.21E-11	7.68E-11	1.18E-11	1.11E-11	1.78E-10
5077	489863.09	3863877.25	6.06E-07	5.99E-07	5.81E-07	2.10E-10	6.34E-10	3.67E-10	3.62E-10	3.28E-10	1.50E-10	1.45E-10	0.00E+00	0.00E+00	6.75E-11	1.23E-11	7.80E-11	1.20E-11	1.13E-11	1.81E-10
5078	490363.09	3863877.25	5.97E-07	5.90E-07	5.73E-07	2.07E-10	6.24E-10	3.61E-10	3.57E-10	3.23E-10	1.48E-10	1.43E-10	0.00E+00	0.00E+00	6.65E-11	1.21E-11	7.68E-11	1.19E-11	1.11E-11	1.78E-10
5079	490863.09	3863877.25	5.68E-07	5.61E-07	5.45E-07	1.97E-10	5.94E-10	3.44E-10	3.39E-10	3.08E-10	1.40E-10	1.36E-10	0.00E+00	0.00E+00	6.33E-11	1.15E-11	7.31E-11	1.13E-11	1.06E-11	1.70E-10
5080	491363.09	3863877.25	5.38E-07	5.31E-07	5.16E-07	1.86E-10	5.62E-10	3.26E-10	3.21E-10	2.91E-10	1.33E-10	1.29E-10	0.00E+00	0.00E+00	5.99E-11	1.09E-11	6.92E-11	1.07E-11	9.99E-12	1.61E-10
5081	491863.09	3863877.25	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.31E-10	1.28E-10	0.00E+00	0.00E+00	5.92E-11	1.08E-11	6.84E-11	1.05E-11	9.88E-12	1.59E-10

5082	492363.09	3863877.25	5.10E-07	5.03E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	0.00E+00	0.00E+00	5.68E-11	1.03E-11	6.56E-11	1.01E-11	9.47E-12	1.52E-10
5083	492863.09	3863877.25	4.79E-07	4.73E-07	4.59E-07	1.66E-10	5.00E-10	2.90E-10	2.86E-10	2.59E-10	1.18E-10	1.15E-10	0.00E+00	0.00E+00	5.33E-11	9.70E-12	6.16E-11	9.50E-12	8.89E-12	1.43E-10
5084	493363.09	3863877.25	4.78E-07	4.71E-07	4.58E-07	1.65E-10	4.99E-10	2.89E-10	2.85E-10	2.59E-10	1.18E-10	1.15E-10	0.00E+00	0.00E+00	5.32E-11	9.68E-12	6.14E-11	9.47E-12	8.87E-12	1.43E-10
5085	493863.09	3863877.25	4.75E-07	4.69E-07	4.55E-07	1.64E-10	4.96E-10	2.87E-10	2.84E-10	2.57E-10	1.17E-10	1.14E-10	0.00E+00	0.00E+00	5.29E-11	9.63E-12	6.11E-11	9.42E-12	8.82E-12	1.42E-10
5086	494363.09	3863877.25	4.82E-07	4.76E-07	4.62E-07	1.67E-10	5.04E-10	2.92E-10	2.88E-10	2.61E-10	1.19E-10	1.16E-10	0.00E+00	0.00E+00	5.37E-11	9.77E-12	6.20E-11	9.56E-12	8.95E-12	1.44E-10
5087	494863.09	3863877.25	4.71E-07	4.64E-07	4.51E-07	1.63E-10	4.92E-10	2.85E-10	2.81E-10	2.55E-10	1.16E-10	1.13E-10	0.00E+00	0.00E+00	5.24E-11	9.54E-12	6.05E-11	9.33E-12	8.74E-12	1.41E-10
5088	495363.09	3863877.25	4.56E-07	4.50E-07	4.37E-07	1.58E-10	4.77E-10	2.76E-10	2.72E-10	2.47E-10	1.13E-10	1.09E-10	0.00E+00	0.00E+00	5.08E-11	9.25E-12	5.87E-11	9.05E-12	8.47E-12	1.36E-10
5089	495863.09	3863877.25	4.45E-07	4.39E-07	4.26E-07	1.54E-10	4.65E-10	2.69E-10	2.66E-10	2.41E-10	1.10E-10	1.07E-10	0.00E+00	0.00E+00	4.95E-11	9.02E-12	5.72E-11	8.82E-12	8.26E-12	1.33E-10
5090	496363.09	3863877.25	4.33E-07	4.27E-07	4.15E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	0.00E+00	0.00E+00	4.82E-11	8.77E-12	5.56E-11	8.58E-12	8.03E-12	1.29E-10
5091	496863.09	3863877.25	4.18E-07	4.12E-07	4.00E-07	1.45E-10	4.37E-10	2.53E-10	2.50E-10	2.26E-10	1.03E-10	1.00E-10	0.00E+00	0.00E+00	4.65E-11	8.47E-12	5.37E-11	8.29E-12	7.76E-12	1.25E-10
5092	497363.09	3863877.25	4.07E-07	4.02E-07	3.90E-07	1.41E-10	4.26E-10	2.46E-10	2.43E-10	2.20E-10	1.01E-10	9.77E-11	0.00E+00	0.00E+00	4.53E-11	8.25E-12	5.24E-11	8.08E-12	7.56E-12	1.22E-10
5093	497863.09	3863877.25	4.02E-07	3.97E-07	3.85E-07	1.39E-10	4.20E-10	2.43E-10	2.40E-10	2.18E-10	9.93E-11	9.65E-11	0.00E+00	0.00E+00	4.48E-11	8.15E-12	5.17E-11	7.98E-12	7.47E-12	1.20E-10
5094	498363.09	3863877.25	3.97E-07	3.91E-07	3.80E-07	1.37E-10	4.14E-10	2.40E-10	2.37E-10	2.15E-10	9.79E-11	9.51E-11	0.00E+00	0.00E+00	4.41E-11	8.04E-12	5.10E-11	7.86E-12	7.36E-12	1.18E-10
5095	471363.09	3864377.25	9.06E-08	8.94E-08	8.68E-08	3.14E-11	9.47E-11	5.48E-11	5.41E-11	4.90E-11	2.24E-11	2.17E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.16E-11	1.80E-12	1.68E-12	2.70E-11
5096	471863.09	3864377.25	9.45E-08	9.32E-08	9.05E-08	3.27E-11	9.87E-11	5.72E-11	5.64E-11	5.11E-11	2.33E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.87E-12	1.75E-12	2.82E-11
5097	472363.09	3864377.25	9.84E-08	9.71E-08	9.43E-08	3.41E-11	1.03E-10	5.95E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.10E-11	1.99E-12	1.27E-11	1.95E-12	1.83E-12	2.94E-11
5098	472863.09	3864377.25	1.02E-07	1.01E-07	9.79E-08	3.54E-11	1.07E-10	6.18E-11	6.10E-11	5.53E-11	2.52E-11	2.45E-11	0.00E+00	0.00E+00	1.14E-11	2.07E-12	1.31E-11	2.03E-12	1.90E-12	3.05E-11
5099	473363.09	3864377.25	1.06E-07	1.04E-07	1.01E-07	3.66E-11	1.11E-10	6.40E-11	6.32E-11	5.73E-11	2.61E-11	2.54E-11	0.00E+00	0.00E+00	1.18E-11	2.14E-12	1.36E-11	2.10E-12	1.97E-12	3.16E-11
5100	473863.09	3864377.25	1.10E-07	1.08E-07	1.05E-07	3.80E-11	1.15E-10	6.64E-11	6.55E-11	5.94E-11	2.71E-11	2.63E-11	0.00E+00	0.00E+00	1.22E-11	2.22E-12	1.41E-11	2.18E-12	2.04E-12	3.28E-11
5101	474363.09	3864377.25	1.14E-07	1.13E-07	1.09E-07	3.95E-11	1.19E-10	6.90E-11	6.81E-11	6.17E-11	2.82E-11	2.73E-11	0.00E+00	0.00E+00	1.27E-11	2.31E-12	1.47E-11	2.26E-12	2.12E-12	3.40E-11
5102	474863.09	3864377.25	1.19E-07	1.18E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.11E-11	6.45E-11	2.94E-11	2.86E-11	0.00E+00	0.00E+00	1.33E-11	2.41E-12	1.53E-11	2.36E-12	2.21E-12	3.56E-11
5103	475363.09	3864377.25	1.25E-07	1.24E-07	1.20E-07	4.34E-11	1.31E-10	7.58E-11	7.48E-11	6.78E-11	3.10E-11	3.01E-11	0.00E+00	0.00E+00	1.39E-11	2.54E-12	1.61E-11	2.49E-12	2.33E-12	3.74E-11
5104	475863.09	3864377.25	1.33E-07	1.31E-07	1.27E-07	4.59E-11	1.39E-10	8.02E-11	7.92E-11	7.18E-11	3.28E-11	3.18E-11	0.00E+00	0.00E+00	1.48E-11	2.69E-12	1.71E-11	2.63E-12	2.46E-12	3.96E-11
5105	476363.09	3864377.25	1.41E-07	1.39E-07	1.35E-07	4.89E-11	1.48E-10	8.55E-11	8.44E-11	7.65E-11	3.49E-11	3.39E-11	0.00E+00	0.00E+00	1.57E-11	2.86E-12	1.82E-11	2.80E-12	2.62E-12	4.22E-11
5106	476863.09	3864377.25	1.51E-07	1.49E-07	1.45E-07	5.22E-11	1.58E-10	9.13E-11	9.01E-11	8.16E-11	3.73E-11	3.62E-11	0.00E+00	0.00E+00	1.68E-11	3.06E-12	1.94E-11	2.99E-12	2.80E-12	4.50E-11
5107	477363.09	3864377.25	1.61E-07	1.59E-07	1.54E-07	5.56E-11	1.68E-10	9.72E-11	9.60E-11	8.70E-11	3.97E-11	3.85E-11	0.00E+00	0.00E+00	1.79E-11	3.26E-12	2.07E-11	3.19E-12	2.98E-12	4.80E-11
5108	477863.09	3864377.25	1.70E-07	1.67E-07	1.63E-07	5.87E-11	1.77E-10	1.03E-10	1.01E-10	9.18E-11	4.19E-11	4.07E-11	0.00E+00	0.00E+00	1.89E-11	3.44E-12	2.18E-11	3.36E-12	3.15E-12	5.06E-11
5109	478363.09	3864377.25	1.76E-07	1.74E-07	1.68E-07	6.09E-11	1.84E-10	1.06E-10	1.05E-10	9.52E-11	4.34E-11	4.22E-11	0.00E+00	0.00E+00	1.96E-11	3.56E-12	2.26E-11	3.49E-12	3.27E-12	5.25E-11
5110	478863.09	3864377.25	1.78E-07	1.76E-07	1.71E-07	6.17E-11	1.86E-10	1.08E-10	1.06E-10	9.65E-11	4.40E-11	4.28E-11	0.00E+00	0.00E+00	1.98E-11	3.61E-12	2.29E-11	3.54E-12	3.31E-12	5.32E-11
5111	479363.09	3864377.25	1.77E-07	1.75E-07	1.70E-07	6.14E-11	1.85E-10	1.07E-10	1.06E-10	9.60E-11	4.38E-11	4.25E-11	0.00E+00	0.00E+00	1.97E-11	3.60E-12	2.28E-11	3.52E-12	3.29E-12	5.30E-11
5112	479863.09	3864377.25	1.76E-07	1.74E-07	1.69E-07	6.11E-11	1.84E-10	1.07E-10	1.05E-10	9.55E-11	4.36E-11	4.23E-11	0.00E+00	0.00E+00	1.96E-11	3.58E-12	2.27E-11	3.50E-12	3.28E-12	5.27E-11
5113	480363.09	3864377.25	1.79E-07	1.76E-07	1.71E-07	6.18E-11	1.87E-10	1.08E-10	1.07E-10	9.67E-11	4.41E-11	4.28E-11	0.00E+00	0.00E+00	1.99E-11	3.62E-12	2.30E-11	3.54E-12	3.32E-12	5.33E-11
5114	480863.09	3864377.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	0.00E+00	0.00E+00	2.06E-11	3.75E-12	2.38E-11	3.67E-12	3.44E-12	5.53E-11
5115	481363.09	3864377.25	1.96E-07	1.93E-07	1.88E-07	6.78E-11	2.05E-10	1.18E-10	1.17E-10	1.06E-10	4.83E-11	4.69E-11	0.00E+00	0.00E+00	2.18E-11	3.97E-12	2.52E-11	3.88E-12	3.64E-12	5.84E-11
5116	481863.09	3864377.25	2.08E-07	2.06E-07	2.00E-07	7.22E-11	2.18E-10	1.26E-10	1.24E-10	1.13E-10	5.15E-11	5.00E-11	0.00E+00	0.00E+00	2.32E-11	4.23E-12	2.68E-11	4.14E-12	3.87E-12	6.23E-11
5117	482363.09	3864377.25	2.21E-07	2.19E-07	2.12E-07	7.67E-11	2.32E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.31E-11	0.00E+00	0.00E+00	2.47E-11	4.49E-12	2.85E-11	4.39E-12	4.11E-12	6.61E-11
5118	482863.09	3864377.25	2.34E-07	2.31E-07	2.24E-07	8.10E-11	2.45E-10	1.42E-10	1.40E-10	1.27E-10	5.78E-11	5.61E-11	0.00E+00	0.00E+00	2.60E-11	4.74E-12	3.01E-11	4.64E-12	4.35E-12	6.99E-11
5119	483363.09	3864377.25	2.46E-07	2.42E-07	2.35E-07	8.50E-11	2.57E-10	1.49E-10	1.47E-10	1.33E-10	6.07E-11	5.89E-11	0.00E+00	0.00E+00	2.73E-11	4.98E-12	3.16E-11	4.87E-12	4.56E-12	7.33E-11
5120	483863.09	3864377.25	2.59E-07	2.56E-07	2.48E-07	8.96E-11	2.71E-10	1.57E-10	1.55E-10	1.40E-10	6.40E-11	6.21E-11	0.00E+00	0.00E+00	2.88E-11	5.25E-12	3.33E-11	5.14E-12	4.81E-12	7.73E-11
5121	484363.09	3864377.25	2.80E-07	2.76E-07	2.68E-07	9.68E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.90E-11	6.70E-11	0.00E+00	0.00E+00	3.11E-11	5.67E-12	3.60E-11	5.54E-12	5.19E-12	8.35E-11
5122	484863.09	3864377.25	3.03E-07	2.99E-07	2.90E-07	1.05E-10	3.16E-10	1.83E-10	1.81E-10	1.64E-10	7.48E-11	7.26E-11	0.00E+00	0.00E+00	3.37E-11	6.14E-12	3.89E-11	6.00E-12	5.62E-12	9.04E-11
5123	485363.09	3864377.25	3.26E-07	3.21E-07	3.12E-07	1.13E-10	3.40E-10	1.97E-10	1.94E-10	1.76E-10	8.04E-11	7.81E-11	0.00E+00	0.00E+00	3.62E-11	6.60E-12	4.19E-11	6.46E-12	6.05E-12	9.72E-11
5124	485863.09	3864377.25	3.48E-07	3.44E-07	3.34E-07	1.21E-10	3.64E-10	2.11E-10	2.08E-10	1.89E-10	8.61E-11	8.36E-11	0.00E+00	0.00E+00	3.88E-11	7.06E-12	4.48E-11	6.91E-12	6.47E-12	1.04E-10
5125	486363.09	3864377.25	3.67E-07	3.62E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.19E-10	1.99E-10	9.07E-11	8.81E-11	0.00E+00	0.00E+00	4.09E-11	7.44E-12	4.72E-11	7.28E-12	6.82E-12	1.10E-10
5126	486863.09	3864377.25	3.83E-07	3.78E-07	3.67E-07	1.32E-10	4.00E-10	2.32E-10	2.29E-10	2.07E-10	9.45E-11	9.18E-11	0.00E+00	0.00E+00	4.26E-11	7.76E-12	4.92E-11	7.59E-12	7.11E-12	1.14E-10
5127	487363.09	3864377.25	3.99E-07	3.94E-07	3.83E-07	1.38E-10	4.17E-10	2.42E-10	2.39E-10	2.16E-10	9.87E-11	9.58E-11	0.00E+00	0.00E+00	4.45E-11	8.10E-12	5.14E-11	7.92E-12	7.42E-12	1.19E-10
5128	487863.09	3864377.25	4.25E-07	4.20E-07	4.08E-07	1.47E-10	4.45E-10	2.57E-10	2.54E-10	2.30E-10	1.05E-10	1.02E-10	0.00E+00	0.00E+00	4.73E-11	8.62E-12	5.47E-11	8.44E-12	7.90E-12	1.27E-10
5129	488363.09	3864377.25	4.36E-07	4.31E-07	4.18E-07	1.51E-10	4.56E-10	2.64E-10	2.60E-10	2.36E-10	1.08E-10	1.05E-10	0.00E+00	0.00E+00	4.86E-11	8.84E-12	5.61E-11	8.65E-12	8.10E-12	1.30E-10
5130	488863.09	3864377.25	4.41E-07	4.35E-07	4.23E-07	1.53E-10	4.61E-10	2.67E-10	2.63E-10	2.39E-10	1.09E-10	1.06E-10	0.00E+00	0.00E+00	4.91E-11	8.94E-12	5.67E-11	8.75E-12	8.19E-12	1.32E-10
5131	489363.09	3864377.25	4.26E-07	4.21E-07	4.09E-07	1.48E-10	4.46E-10	2.58E-10	2.55E-10	2.31E-10	1.05E-10	1.02E-10	0.00E+00	0.00E+00	4.75E-11	8.64E-12	5.49E-11	8.46E-12	7.92E-12	1.27E-10
5132	489863.09	3864377.25	4.30E-07	4.25E-07	4.12E-07	1.49E-10	4.50E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	0.00E+00	0.00E+00	4.79E-11	8.72E-12	5.53E-11	8.53E-12	7.99E-12	1.28E-10
5133	490363.09	3864377.25	4.33E-07	4.27E-07	4.15E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	0.00E+00	0.00E+00	4.82E-11	8.77E-12	5.56E-11	8.58E-12	8.03E-12	1.29E-10
5134	490863.09	3864377.25	4.30E-07	4.25E-07	4.12E-07	1.49E-10	4.50E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	0.00E+00	0.00E+00	4.79E-11	8.72E-12	5.53E-11	8.53E-12	7.99E-12	1.28E-10

5135	491363.09	3864377.25	4.25E-07	4.20E-07	4.08E-07	1.47E-10	4.45E-10	2.57E-10	2.54E-10	2.30E-10	1.05E-10	1.02E-10	0.00E+00	0.00E+00	4.73E-11	8.62E-12	5.47E-11	8.44E-12	7.90E-12	1.27E-10
5136	491863.09	3864377.25	1.81E-07	1.79E-07	1.73E-07	6.26E-11	1.89E-10	1.09E-10	1.08E-10	9.79E-11	4.47E-11	4.34E-11	0.00E+00	0.00E+00	2.01E-11	3.67E-12	2.33E-11	3.59E-12	3.36E-12	5.40E-11
5137	492363.09	3864377.25	3.41E-07	3.36E-07	3.26E-07	1.18E-10	3.56E-10	2.06E-10	2.03E-10	1.84E-10	8.41E-11	8.17E-11	0.00E+00	0.00E+00	3.79E-11	6.90E-12	4.38E-11	6.75E-12	6.33E-12	1.02E-10
5138	492863.09	3864377.25	2.26E-07	2.23E-07	2.17E-07	7.82E-11	2.36E-10	1.37E-10	1.35E-10	1.22E-10	5.58E-11	5.42E-11	0.00E+00	0.00E+00	2.52E-11	4.58E-12	2.91E-11	4.48E-12	4.20E-12	6.75E-11
5139	493363.09	3864377.25	3.27E-07	3.22E-07	3.13E-07	1.13E-10	3.41E-10	1.98E-10	1.95E-10	1.77E-10	8.07E-11	7.83E-11	0.00E+00	0.00E+00	3.63E-11	6.62E-12	4.20E-11	6.48E-12	6.06E-12	9.75E-11
5140	493863.09	3864377.25	3.72E-07	3.67E-07	3.56E-07	1.29E-10	3.88E-10	2.25E-10	2.22E-10	2.01E-10	9.18E-11	8.91E-11	0.00E+00	0.00E+00	4.14E-11	7.53E-12	4.78E-11	7.37E-12	6.90E-12	1.11E-10
5141	494363.09	3864377.25	3.87E-07	3.82E-07	3.71E-07	1.34E-10	4.05E-10	2.34E-10	2.31E-10	2.10E-10	9.57E-11	9.29E-11	0.00E+00	0.00E+00	4.31E-11	7.85E-12	4.98E-11	7.68E-12	7.20E-12	1.16E-10
5142	494863.09	3864377.25	4.03E-07	3.98E-07	3.87E-07	1.40E-10	4.22E-10	2.44E-10	2.41E-10	2.18E-10	9.96E-11	9.67E-11	0.00E+00	0.00E+00	4.49E-11	8.17E-12	5.19E-11	8.00E-12	7.49E-12	1.20E-10
5143	495363.09	3864377.25	3.99E-07	3.94E-07	3.83E-07	1.38E-10	4.17E-10	2.42E-10	2.39E-10	2.16E-10	9.87E-11	9.58E-11	0.00E+00	0.00E+00	4.45E-11	8.10E-12	5.14E-11	7.92E-12	7.42E-12	1.19E-10
5144	495863.09	3864377.25	3.89E-07	3.84E-07	3.72E-07	1.35E-10	4.06E-10	2.35E-10	2.32E-10	2.10E-10	9.60E-11	9.32E-11	0.00E+00	0.00E+00	4.33E-11	7.88E-12	5.00E-11	7.71E-12	7.22E-12	1.16E-10
5145	496363.09	3864377.25	3.79E-07	3.75E-07	3.64E-07	1.31E-10	3.97E-10	2.30E-10	2.27E-10	2.05E-10	9.37E-11	9.10E-11	0.00E+00	0.00E+00	4.22E-11	7.69E-12	4.88E-11	7.53E-12	7.05E-12	1.13E-10
5146	496863.09	3864377.25	3.72E-07	3.67E-07	3.56E-07	1.29E-10	3.89E-10	2.25E-10	2.22E-10	2.01E-10	9.18E-11	8.92E-11	0.00E+00	0.00E+00	4.14E-11	7.54E-12	4.78E-11	7.37E-12	6.91E-12	1.11E-10
5147	497363.09	3864377.25	3.62E-07	3.57E-07	3.47E-07	1.25E-10	3.78E-10	2.19E-10	2.16E-10	1.96E-10	8.94E-11	8.68E-11	0.00E+00	0.00E+00	4.03E-11	7.34E-12	4.66E-11	7.18E-12	6.72E-12	1.08E-10
5148	497863.09	3864377.25	3.59E-07	3.54E-07	3.44E-07	1.24E-10	3.75E-10	2.17E-10	2.14E-10	1.94E-10	8.87E-11	8.61E-11	0.00E+00	0.00E+00	4.00E-11	7.28E-12	4.62E-11	7.12E-12	6.67E-12	1.07E-10
5149	498363.09	3864377.25	3.49E-07	3.44E-07	3.34E-07	1.21E-10	3.65E-10	2.11E-10	2.08E-10	1.89E-10	8.62E-11	8.37E-11	0.00E+00	0.00E+00	3.88E-11	7.07E-12	4.49E-11	6.92E-12	6.48E-12	1.04E-10
5150	471363.09	3864877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	0.00E+00	0.00E+00	9.97E-12	1.81E-12	1.15E-11	1.78E-12	1.66E-12	2.67E-11
5151	471863.09	3864877.25	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.76E-11
5152	472363.09	3864877.25	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	0.00E+00	0.00E+00	1.06E-11	1.94E-12	1.23E-11	1.89E-12	1.77E-12	2.85E-11
5153	472863.09	3864877.25	9.86E-08	9.74E-08	9.45E-08	3.41E-11	1.03E-10	5.97E-11	5.89E-11	5.34E-11	2.44E-11	2.37E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.96E-12	1.83E-12	2.95E-11
5154	473363.09	3864877.25	1.02E-07	1.01E-07	9.82E-08	3.55E-11	1.07E-10	6.20E-11	6.12E-11	5.54E-11	2.53E-11	2.46E-11	0.00E+00	0.00E+00	1.14E-11	2.08E-12	1.32E-11	2.03E-12	1.90E-12	3.06E-11
5155	473863.09	3864877.25	1.07E-07	1.05E-07	1.02E-07	3.69E-11	1.12E-10	6.46E-11	6.37E-11	5.78E-11	2.64E-11	2.56E-11	0.00E+00	0.00E+00	1.19E-11	2.16E-12	1.37E-11	2.12E-12	1.98E-12	3.19E-11
5156	474363.09	3864877.25	1.12E-07	1.11E-07	1.07E-07	3.88E-11	1.17E-10	6.78E-11	6.69E-11	6.07E-11	2.77E-11	2.69E-11	0.00E+00	0.00E+00	1.25E-11	2.27E-12	1.44E-11	2.22E-12	2.08E-12	3.35E-11
5157	474863.09	3864877.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.16E-11	7.06E-11	6.40E-11	2.92E-11	2.84E-11	0.00E+00	0.00E+00	1.32E-11	2.40E-12	1.52E-11	2.35E-12	2.20E-12	3.53E-11
5158	475363.09	3864877.25	1.26E-07	1.24E-07	1.20E-07	4.35E-11	1.31E-10	7.61E-11	7.51E-11	6.81E-11	3.11E-11	3.02E-11	0.00E+00	0.00E+00	1.40E-11	2.55E-12	1.62E-11	2.49E-12	2.33E-12	3.75E-11
5159	475863.09	3864877.25	1.34E-07	1.32E-07	1.28E-07	4.63E-11	1.40E-10	8.09E-11	7.99E-11	7.24E-11	3.30E-11	3.21E-11	0.00E+00	0.00E+00	1.49E-11	2.71E-12	1.72E-11	2.65E-12	2.48E-12	3.99E-11
5160	476363.09	3864877.25	1.42E-07	1.40E-07	1.36E-07	4.92E-11	1.49E-10	8.60E-11	8.49E-11	7.69E-11	3.51E-11	3.41E-11	0.00E+00	0.00E+00	1.58E-11	2.88E-12	1.83E-11	2.82E-12	2.64E-12	4.24E-11
5161	476863.09	3864877.25	1.50E-07	1.48E-07	1.44E-07	5.19E-11	1.57E-10	9.07E-11	8.95E-11	8.12E-11	3.70E-11	3.60E-11	0.00E+00	0.00E+00	1.67E-11	3.04E-12	1.93E-11	2.97E-12	2.78E-12	4.48E-11
5162	477363.09	3864877.25	1.55E-07	1.53E-07	1.48E-07	5.36E-11	1.62E-10	9.36E-11	9.24E-11	8.38E-11	3.82E-11	3.71E-11	0.00E+00	0.00E+00	1.72E-11	3.14E-12	1.99E-11	3.07E-12	2.87E-12	4.62E-11
5163	477863.09	3864877.25	1.57E-07	1.55E-07	1.50E-07	5.42E-11	1.64E-10	9.47E-11	9.35E-11	8.47E-11	3.87E-11	3.76E-11	0.00E+00	0.00E+00	1.74E-11	3.17E-12	2.01E-11	3.11E-12	2.91E-12	4.67E-11
5164	478363.09	3864877.25	1.56E-07	1.54E-07	1.49E-07	5.39E-11	1.63E-10	9.42E-11	9.29E-11	8.43E-11	3.84E-11	3.73E-11	0.00E+00	0.00E+00	1.73E-11	3.15E-12	2.00E-11	3.09E-12	2.89E-12	4.65E-11
5165	478863.09	3864877.25	1.54E-07	1.52E-07	1.48E-07	5.34E-11	1.61E-10	9.33E-11	9.21E-11	8.35E-11	3.81E-11	3.70E-11	0.00E+00	0.00E+00	1.72E-11	3.13E-12	1.98E-11	3.06E-12	2.86E-12	4.60E-11
5166	479363.09	3864877.25	1.54E-07	1.52E-07	1.48E-07	5.34E-11	1.61E-10	9.34E-11	9.22E-11	8.35E-11	3.81E-11	3.70E-11	0.00E+00	0.00E+00	1.72E-11	3.13E-12	1.99E-11	3.06E-12	2.87E-12	4.61E-11
5167	479863.09	3864877.25	1.58E-07	1.56E-07	1.52E-07	5.48E-11	1.66E-10	9.58E-11	9.46E-11	8.57E-11	3.91E-11	3.80E-11	0.00E+00	0.00E+00	1.76E-11	3.21E-12	2.04E-11	3.14E-12	2.94E-12	4.73E-11
5168	480363.09	3864877.25	1.67E-07	1.64E-07	1.60E-07	5.77E-11	1.74E-10	1.01E-10	9.95E-11	9.02E-11	4.11E-11	4.00E-11	0.00E+00	0.00E+00	1.85E-11	3.38E-12	2.14E-11	3.30E-12	3.09E-12	4.97E-11
5169	480863.09	3864877.25	1.76E-07	1.74E-07	1.69E-07	6.10E-11	1.84E-10	1.07E-10	1.05E-10	9.54E-11	4.35E-11	4.23E-11	0.00E+00	0.00E+00	1.96E-11	3.57E-12	2.27E-11	3.49E-12	3.27E-12	5.26E-11
5170	481363.09	3864877.25	1.86E-07	1.84E-07	1.78E-07	6.45E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.60E-11	4.47E-11	0.00E+00	0.00E+00	2.07E-11	3.77E-12	2.40E-11	3.69E-12	3.46E-12	5.56E-11
5171	481863.09	3864877.25	1.96E-07	1.93E-07	1.88E-07	6.78E-11	2.05E-10	1.18E-10	1.17E-10	1.06E-10	4.83E-11	4.69E-11	0.00E+00	0.00E+00	2.18E-11	3.97E-12	2.52E-11	3.88E-12	3.64E-12	5.84E-11
5172	482363.09	3864877.25	2.05E-07	2.03E-07	1.97E-07	7.11E-11	2.15E-10	1.24E-10	1.23E-10	1.11E-10	5.07E-11	4.93E-11	0.00E+00	0.00E+00	2.29E-11	4.16E-12	2.64E-11	4.07E-12	3.81E-12	6.13E-11
5173	482863.09	3864877.25	2.15E-07	2.12E-07	2.06E-07	7.43E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.15E-11	0.00E+00	0.00E+00	2.39E-11	4.35E-12	2.76E-11	4.26E-12	3.99E-12	6.41E-11
5174	483363.09	3864877.25	2.25E-07	2.22E-07	2.16E-07	7.80E-11	2.35E-10	1.36E-10	1.35E-10	1.22E-10	5.56E-11	5.40E-11	0.00E+00	0.00E+00	2.51E-11	4.57E-12	2.90E-11	4.47E-12	4.18E-12	6.73E-11
5175	483863.09	3864877.25	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	0.00E+00	0.00E+00	2.68E-11	4.88E-12	3.10E-11	4.78E-12	4.47E-12	7.19E-11
5176	484363.09	3864877.25	2.61E-07	2.57E-07	2.50E-07	9.02E-11	2.72E-10	1.58E-10	1.56E-10	1.41E-10	6.44E-11	6.25E-11	0.00E+00	0.00E+00	2.90E-11	5.28E-12	3.35E-11	5.17E-12	4.84E-12	7.78E-11
5177	484863.09	3864877.25	2.79E-07	2.75E-07	2.68E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.70E-11	0.00E+00	0.00E+00	3.11E-11	5.66E-12	3.59E-11	5.54E-12	5.18E-12	8.34E-11
5178	485363.09	3864877.25	2.98E-07	2.94E-07	2.85E-07	1.03E-10	3.11E-10	1.80E-10	1.78E-10	1.61E-10	7.35E-11	7.14E-11	0.00E+00	0.00E+00	3.31E-11	6.04E-12	3.83E-11	5.91E-12	5.53E-12	8.89E-11
5179	485863.09	3864877.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.45E-11	0.00E+00	0.00E+00	3.46E-11	6.30E-12	4.00E-11	6.16E-12	5.77E-12	9.28E-11
5180	486363.09	3864877.25	3.23E-07	3.18E-07	3.09E-07	1.12E-10	3.37E-10	1.95E-10	1.93E-10	1.75E-10	7.97E-11	7.74E-11	0.00E+00	0.00E+00	3.59E-11	6.54E-12	4.15E-11	6.40E-12	5.99E-12	9.63E-11
5181	486863.09	3864877.25	3.32E-07	3.28E-07	3.19E-07	1.15E-10	3.48E-10	2.01E-10	1.99E-10	1.80E-10	8.21E-11	7.98E-11	0.00E+00	0.00E+00	3.70E-11	6.74E-12	4.28E-11	6.59E-12	6.18E-12	9.93E-11
5182	487363.09	3864877.25	3.47E-07	3.42E-07	3.32E-07	1.20E-10	3.62E-10	2.10E-10	2.07E-10	1.88E-10	8.56E-11	8.32E-11	0.00E+00	0.00E+00	3.86E-11	7.03E-12	4.46E-11	6.88E-12	6.44E-12	1.04E-10
5183	487863.09	3864877.25	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.20E-10	2.17E-10	1.96E-10	8.97E-11	8.71E-11	0.00E+00	0.00E+00	4.04E-11	7.36E-12	4.67E-11	7.20E-12	6.74E-12	1.08E-10
5184	488363.09	3864877.25	3.62E-07	3.57E-07	3.46E-07	1.25E-10	3.78E-10	2.19E-10	2.16E-10	1.96E-10	8.93E-11	8.67E-11	0.00E+00	0.00E+00	4.02E-11	7.33E-12	4.65E-11	7.17E-12	6.71E-12	1.08E-10
5185	488863.09	3864877.25	3.61E-07	3.57E-07	3.46E-07	1.25E-10	3.78E-10	2.19E-10	2.16E-10	1.96E-10	8.93E-11	8.67E-11	0.00E+00	0.00E+00	4.02E-11	7.33E-12	4.65E-11	7.17E-12	6.71E-12	1.08E-10
5186	489363.09	3864877.25	3.52E-07	3.48E-07	3.38E-07	1.22E-10	3.68E-10	2.13E-10	2.10E-10	1.91E-10	8.70E-11	8.45E-11	0.00E+00	0.00E+00	3.92E-11	7.14E-12	4.53E-11	6.99E-12	6.55E-12	1.05E-10
5187	489863.09	3864877.25	3.51E-07	3.47E-07	3.37E-07	1.22E-10	3.67E-10	2.13E-10	2.10E-10	1.90E-10	8.68E-11	8.43E-11	0.00E+00	0.00E+00	3.91E-11	7.12E-12	4.52E-11	6.97E-12	6.53E-12	1.05E-10

5188	490363.09	3864877.25	3.54E-07	3.49E-07	3.39E-07	1.22E-10	3.70E-10	2.14E-10	2.11E-10	1.92E-10	8.74E-11	8.49E-11	0.00E+00	0.00E+00	3.94E-11	7.17E-12	4.55E-11	7.02E-12	6.57E-12	1.06E-10
5189	490863.09	3864877.25	3.38E-07	3.34E-07	3.24E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.83E-10	8.35E-11	8.11E-11	0.00E+00	0.00E+00	3.76E-11	6.86E-12	4.35E-11	6.71E-12	6.28E-12	1.01E-10
5190	491363.09	3864877.25	3.52E-07	3.47E-07	3.37E-07	1.22E-10	3.68E-10	2.13E-10	2.10E-10	1.90E-10	8.69E-11	8.44E-11	0.00E+00	0.00E+00	3.92E-11	7.13E-12	4.52E-11	6.98E-12	6.53E-12	1.05E-10
5191	491863.09	3864877.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	0.00E+00	0.00E+00	3.54E-11	6.44E-12	4.09E-11	6.30E-12	5.90E-12	9.49E-11
5192	492363.09	3864877.25	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
5193	492863.09	3864877.25	1.37E-07	1.36E-07	1.32E-07	4.76E-11	1.44E-10	8.31E-11	8.21E-11	7.44E-11	3.39E-11	3.30E-11	0.00E+00	0.00E+00	1.53E-11	2.79E-12	1.77E-11	2.73E-12	2.55E-12	4.10E-11
5194	493363.09	3864877.25	1.33E-07	1.32E-07	1.28E-07	4.62E-11	1.39E-10	8.07E-11	7.97E-11	7.22E-11	3.29E-11	3.20E-11	0.00E+00	0.00E+00	1.48E-11	2.70E-12	1.72E-11	2.65E-12	2.48E-12	3.98E-11
5195	493863.09	3864877.25	2.94E-07	2.91E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.59E-10	7.27E-11	7.06E-11	0.00E+00	0.00E+00	3.28E-11	5.97E-12	3.79E-11	5.84E-12	5.47E-12	8.79E-11
5196	494363.09	3864877.25	3.25E-07	3.21E-07	3.11E-07	1.12E-10	3.39E-10	1.97E-10	1.94E-10	1.76E-10	8.02E-11	7.79E-11	0.00E+00	0.00E+00	3.62E-11	6.58E-12	4.18E-11	6.44E-12	6.03E-12	9.70E-11
5197	494863.09	3864877.25	3.31E-07	3.26E-07	3.17E-07	1.14E-10	3.45E-10	2.00E-10	1.97E-10	1.79E-10	8.16E-11	7.93E-11	0.00E+00	0.00E+00	3.68E-11	6.70E-12	4.25E-11	6.56E-12	6.14E-12	9.87E-11
5198	495363.09	3864877.25	3.44E-07	3.40E-07	3.30E-07	1.19E-10	3.60E-10	2.08E-10	2.05E-10	1.86E-10	8.50E-11	8.25E-11	0.00E+00	0.00E+00	3.83E-11	6.97E-12	4.43E-11	6.82E-12	6.39E-12	1.03E-10
5199	495863.09	3864877.25	3.42E-07	3.37E-07	3.27E-07	1.18E-10	3.57E-10	2.07E-10	2.04E-10	1.85E-10	8.44E-11	8.19E-11	0.00E+00	0.00E+00	3.80E-11	6.92E-12	4.39E-11	6.78E-12	6.34E-12	1.02E-10
5200	496363.09	3864877.25	3.36E-07	3.31E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.01E-10	1.82E-10	8.30E-11	8.06E-11	0.00E+00	0.00E+00	3.74E-11	6.81E-12	4.32E-11	6.66E-12	6.24E-12	1.00E-10
5201	496863.09	3864877.25	3.28E-07	3.24E-07	3.15E-07	1.14E-10	3.43E-10	1.99E-10	1.96E-10	1.78E-10	8.11E-11	7.88E-11	0.00E+00	0.00E+00	3.66E-11	6.66E-12	4.22E-11	6.51E-12	6.10E-12	9.81E-11
5202	497363.09	3864877.25	3.22E-07	3.18E-07	3.09E-07	1.12E-10	3.37E-10	1.95E-10	1.92E-10	1.74E-10	7.96E-11	7.73E-11	0.00E+00	0.00E+00	3.59E-11	6.53E-12	4.15E-11	6.39E-12	5.99E-12	9.63E-11
5203	497863.09	3864877.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	0.00E+00	0.00E+00	3.54E-11	6.44E-12	4.09E-11	6.30E-12	5.90E-12	9.49E-11
5204	498363.09	3864877.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.46E-11	0.00E+00	0.00E+00	3.46E-11	6.30E-12	4.00E-11	6.17E-12	5.78E-12	9.29E-11
5205	471363.09	3865377.25	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.63E-12	1.75E-12	1.11E-11	1.72E-12	1.61E-12	2.58E-11
5206	471863.09	3865377.25	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.94E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
5207	472363.09	3865377.25	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.76E-11
5208	472863.09	3865377.25	9.63E-08	9.50E-08	9.23E-08	3.33E-11	1.01E-10	5.83E-11	5.75E-11	5.21E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.88E-11
5209	473363.09	3865377.25	1.01E-07	9.97E-08	9.68E-08	3.50E-11	1.06E-10	6.11E-11	6.03E-11	5.47E-11	2.49E-11	2.42E-11	0.00E+00	0.00E+00	1.12E-11	2.05E-12	1.30E-11	2.00E-12	1.88E-12	3.02E-11
5210	473863.09	3865377.25	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.35E-11	5.76E-11	2.63E-11	2.55E-11	0.00E+00	0.00E+00	1.18E-11	2.16E-12	1.37E-11	2.11E-12	1.97E-12	3.17E-11
5211	474363.09	3865377.25	1.13E-07	1.11E-07	1.08E-07	3.90E-11	1.18E-10	6.82E-11	6.73E-11	6.10E-11	2.78E-11	2.70E-11	0.00E+00	0.00E+00	1.25E-11	2.28E-12	1.45E-11	2.24E-12	2.09E-12	3.37E-11
5212	474863.09	3865377.25	1.20E-07	1.18E-07	1.15E-07	4.15E-11	1.25E-10	7.25E-11	7.16E-11	6.49E-11	2.96E-11	2.87E-11	0.00E+00	0.00E+00	1.33E-11	2.43E-12	1.54E-11	2.38E-12	2.23E-12	3.58E-11
5213	475363.09	3865377.25	1.27E-07	1.25E-07	1.21E-07	4.39E-11	1.32E-10	7.67E-11	7.57E-11	6.86E-11	3.13E-11	3.04E-11	0.00E+00	0.00E+00	1.41E-11	2.57E-12	1.63E-11	2.51E-12	2.35E-12	3.78E-11
5214	475863.09	3865377.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.05E-11	7.94E-11	7.20E-11	3.29E-11	3.19E-11	0.00E+00	0.00E+00	1.48E-11	2.70E-12	1.71E-11	2.64E-12	2.47E-12	3.97E-11
5215	476363.09	3865377.25	1.38E-07	1.37E-07	1.33E-07	4.79E-11	1.45E-10	8.37E-11	8.26E-11	7.49E-11	3.42E-11	3.32E-11	0.00E+00	0.00E+00	1.54E-11	2.80E-12	1.78E-11	2.74E-12	2.57E-12	4.13E-11
5216	476863.09	3865377.25	1.38E-07	1.36E-07	1.32E-07	4.77E-11	1.44E-10	8.33E-11	8.22E-11	7.45E-11	3.40E-11	3.30E-11	0.00E+00	0.00E+00	1.53E-11	2.79E-12	1.77E-11	2.73E-12	2.56E-12	4.11E-11
5217	477363.09	3865377.25	1.39E-07	1.37E-07	1.33E-07	4.82E-11	1.45E-10	8.42E-11	8.31E-11	7.53E-11	3.44E-11	3.34E-11	0.00E+00	0.00E+00	1.55E-11	2.82E-12	1.79E-11	2.76E-12	2.58E-12	4.15E-11
5218	477863.09	3865377.25	1.37E-07	1.35E-07	1.31E-07	4.73E-11	1.43E-10	8.28E-11	8.17E-11	7.40E-11	3.38E-11	3.28E-11	0.00E+00	0.00E+00	1.52E-11	2.77E-12	1.76E-11	2.71E-12	2.54E-12	4.08E-11
5219	478363.09	3865377.25	1.36E-07	1.34E-07	1.31E-07	4.72E-11	1.42E-10	8.24E-11	8.14E-11	7.38E-11	3.37E-11	3.27E-11	0.00E+00	0.00E+00	1.52E-11	2.76E-12	1.75E-11	2.70E-12	2.53E-12	4.07E-11
5220	478863.09	3865377.25	1.38E-07	1.36E-07	1.32E-07	4.78E-11	1.44E-10	8.35E-11	8.25E-11	7.47E-11	3.41E-11	3.31E-11	0.00E+00	0.00E+00	1.54E-11	2.80E-12	1.78E-11	2.74E-12	2.56E-12	4.12E-11
5221	479363.09	3865377.25	1.43E-07	1.42E-07	1.37E-07	4.96E-11	1.50E-10	8.68E-11	8.56E-11	7.76E-11	3.54E-11	3.44E-11	0.00E+00	0.00E+00	1.60E-11	2.91E-12	1.84E-11	2.84E-12	2.66E-12	4.28E-11
5222	479863.09	3865377.25	1.51E-07	1.50E-07	1.45E-07	5.24E-11	1.58E-10	9.17E-11	9.05E-11	8.20E-11	3.74E-11	3.63E-11	0.00E+00	0.00E+00	1.69E-11	3.07E-12	1.95E-11	3.00E-12	2.81E-12	4.52E-11
5223	480363.09	3865377.25	1.60E-07	1.57E-07	1.53E-07	5.52E-11	1.67E-10	9.65E-11	9.53E-11	8.64E-11	3.94E-11	3.83E-11	0.00E+00	0.00E+00	1.78E-11	3.23E-12	2.05E-11	3.16E-12	2.96E-12	4.76E-11
5224	480863.09	3865377.25	1.67E-07	1.65E-07	1.60E-07	5.79E-11	1.75E-10	1.01E-10	9.99E-11	9.05E-11	4.13E-11	4.01E-11	0.00E+00	0.00E+00	1.86E-11	3.39E-12	2.15E-11	3.32E-12	3.11E-12	4.99E-11
5225	481363.09	3865377.25	1.75E-07	1.72E-07	1.67E-07	6.05E-11	1.83E-10	1.06E-10	1.04E-10	9.45E-11	4.31E-11	4.19E-11	0.00E+00	0.00E+00	1.94E-11	3.54E-12	2.25E-11	3.46E-12	3.24E-12	5.22E-11
5226	481863.09	3865377.25	1.82E-07	1.79E-07	1.74E-07	6.29E-11	1.90E-10	1.10E-10	1.09E-10	9.84E-11	4.49E-11	4.36E-11	0.00E+00	0.00E+00	2.02E-11	3.69E-12	2.34E-11	3.61E-12	3.38E-12	5.43E-11
5227	482363.09	3865377.25	1.89E-07	1.87E-07	1.81E-07	6.55E-11	1.98E-10	1.15E-10	1.13E-10	1.02E-10	4.68E-11	4.54E-11	0.00E+00	0.00E+00	2.11E-11	3.84E-12	2.44E-11	3.76E-12	3.52E-12	5.65E-11
5228	482863.09	3865377.25	1.98E-07	1.95E-07	1.90E-07	6.85E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.74E-11	0.00E+00	0.00E+00	2.20E-11	4.01E-12	2.54E-11	3.92E-12	3.67E-12	5.91E-11
5229	483363.09	3865377.25	2.10E-07	2.08E-07	2.02E-07	7.28E-11	2.20E-10	1.27E-10	1.26E-10	1.14E-10	5.19E-11	5.04E-11	0.00E+00	0.00E+00	2.34E-11	4.26E-12	2.70E-11	4.17E-12	3.91E-12	6.28E-11
5230	483863.09	3865377.25	2.26E-07	2.23E-07	2.17E-07	7.84E-11	2.37E-10	1.37E-10	1.35E-10	1.23E-10	5.59E-11	5.43E-11	0.00E+00	0.00E+00	2.52E-11	4.59E-12	2.91E-11	4.49E-12	4.21E-12	6.76E-11
5231	484363.09	3865377.25	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.98E-11	5.80E-11	0.00E+00	0.00E+00	2.69E-11	4.90E-12	3.11E-11	4.80E-12	4.49E-12	7.22E-11
5232	484863.09	3865377.25	2.57E-07	2.54E-07	2.46E-07	8.90E-11	2.69E-10	1.56E-10	1.54E-10	1.39E-10	6.35E-11	6.17E-11	0.00E+00	0.00E+00	2.86E-11	5.21E-12	3.31E-11	5.10E-12	4.78E-12	7.68E-11
5233	485363.09	3865377.25	2.69E-07	2.65E-07	2.58E-07	9.31E-11	2.81E-10	1.63E-10	1.61E-10	1.46E-10	6.64E-11	6.45E-11	0.00E+00	0.00E+00	2.99E-11	5.45E-12	3.46E-11	5.33E-12	4.99E-12	8.03E-11
5234	485863.09	3865377.25	2.76E-07	2.73E-07	2.65E-07	9.57E-11	2.89E-10	1.67E-10	1.65E-10	1.50E-10	6.83E-11	6.63E-11	0.00E+00	0.00E+00	3.08E-11	5.60E-12	3.56E-11	5.48E-12	5.13E-12	8.25E-11
5235	486363.09	3865377.25	2.87E-07	2.84E-07	2.75E-07	9.95E-11	3.00E-10	1.74E-10	1.72E-10	1.56E-10	7.10E-11	6.89E-11	0.00E+00	0.00E+00	3.20E-11	5.82E-12	3.70E-11	5.70E-12	5.34E-12	8.58E-11
5236	486863.09	3865377.25	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.07E-10	1.78E-10	1.76E-10	1.59E-10	7.26E-11	7.05E-11	0.00E+00	0.00E+00	3.27E-11	5.96E-12	3.78E-11	5.83E-12	5.46E-12	8.78E-11
5237	487363.09	3865377.25	3.07E-07	3.03E-07	2.94E-07	1.06E-10	3.21E-10	1.86E-10	1.83E-10	1.66E-10	7.58E-11	7.36E-11	0.00E+00	0.00E+00	3.42E-11	6.22E-12	3.95E-11	6.09E-12	5.70E-12	9.17E-11
5238	487863.09	3865377.25	3.13E-07	3.09E-07	3.00E-07	1.08E-10	3.27E-10	1.89E-10	1.87E-10	1.69E-10	7.73E-11	7.51E-11	0.00E+00	0.00E+00	3.49E-11	6.35E-12	4.03E-11	6.21E-12	5.82E-12	9.35E-11
5239	488363.09	3865377.25	3.09E-07	3.05E-07	2.96E-07	1.07E-10	3.23E-10	1.87E-10	1.84E-10	1.67E-10	7.63E-11	7.41E-11	0.00E+00	0.00E+00	3.44E-11	6.26E-12	3.97E-11	6.13E-12	5.74E-12	9.23E-11
5240	488863.09	3865377.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.67E-11	7.45E-11	0.00E+00	0.00E+00	3.46E-11	6.30E-12	4.00E-11	6.16E-12	5.77E-12	9.28E-11

5241	489363.09	3865377.25	3.05E-07	3.01E-07	2.92E-07	1.06E-10	3.19E-10	1.85E-10	1.82E-10	1.65E-10	7.54E-11	7.32E-11	0.00E+00	0.00E+00	3.40E-11	6.19E-12	3.93E-11	6.05E-12	5.67E-12	9.11E-11
5242	489863.09	3865377.25	3.03E-07	3.00E-07	2.91E-07	1.05E-10	3.17E-10	1.84E-10	1.81E-10	1.64E-10	7.50E-11	7.28E-11	0.00E+00	0.00E+00	3.38E-11	6.15E-12	3.90E-11	6.02E-12	5.64E-12	9.06E-11
5243	490363.09	3865377.25	2.94E-07	2.90E-07	2.81E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.25E-11	7.04E-11	0.00E+00	0.00E+00	3.27E-11	5.95E-12	3.78E-11	5.82E-12	5.45E-12	8.77E-11
5244	490863.09	3865377.25	2.89E-07	2.85E-07	2.77E-07	1.00E-10	3.02E-10	1.75E-10	1.73E-10	1.57E-10	7.14E-11	6.94E-11	0.00E+00	0.00E+00	3.22E-11	5.86E-12	3.72E-11	5.74E-12	5.37E-12	8.63E-11
5245	491363.09	3865377.25	2.77E-07	2.74E-07	2.66E-07	9.60E-11	2.90E-10	1.68E-10	1.66E-10	1.50E-10	6.85E-11	6.65E-11	0.00E+00	0.00E+00	3.09E-11	5.62E-12	3.57E-11	5.50E-12	5.15E-12	8.28E-11
5246	491863.09	3865377.25	2.74E-07	2.70E-07	2.63E-07	9.49E-11	2.86E-10	1.66E-10	1.64E-10	1.48E-10	6.77E-11	6.57E-11	0.00E+00	0.00E+00	3.05E-11	5.56E-12	3.53E-11	5.44E-12	5.09E-12	8.18E-11
5247	492363.09	3865377.25	2.18E-07	2.15E-07	2.09E-07	7.54E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.38E-11	5.22E-11	0.00E+00	0.00E+00	2.42E-11	4.41E-12	2.80E-11	4.32E-12	4.04E-12	6.50E-11
5248	492863.09	3865377.25	1.60E-07	1.58E-07	1.53E-07	5.53E-11	1.67E-10	9.67E-11	9.54E-11	8.65E-11	3.95E-11	3.83E-11	0.00E+00	0.00E+00	1.78E-11	3.24E-12	2.06E-11	3.17E-12	2.97E-12	4.77E-11
5249	493363.09	3865377.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.04E-11	6.38E-11	2.91E-11	2.83E-11	0.00E+00	0.00E+00	1.31E-11	2.39E-12	1.52E-11	2.34E-12	2.19E-12	3.52E-11
5250	493863.09	3865377.25	1.99E-07	1.96E-07	1.90E-07	6.88E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.91E-11	4.77E-11	0.00E+00	0.00E+00	2.21E-11	4.03E-12	2.56E-11	3.94E-12	3.69E-12	5.93E-11
5251	494363.09	3865377.25	2.65E-07	2.62E-07	2.54E-07	9.19E-11	2.77E-10	1.61E-10	1.59E-10	1.44E-10	6.56E-11	6.37E-11	0.00E+00	0.00E+00	2.96E-11	5.38E-12	3.41E-11	5.27E-12	4.93E-12	7.93E-11
5252	494863.09	3865377.25	2.79E-07	2.75E-07	2.68E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.70E-11	0.00E+00	0.00E+00	3.11E-11	5.66E-12	3.59E-11	5.54E-12	5.18E-12	8.34E-11
5253	495363.09	3865377.25	2.85E-07	2.82E-07	2.74E-07	9.88E-11	2.98E-10	1.73E-10	1.70E-10	1.54E-10	7.05E-11	6.85E-11	0.00E+00	0.00E+00	3.18E-11	5.78E-12	3.67E-11	5.66E-12	5.30E-12	8.52E-11
5254	495863.09	3865377.25	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.13E-10	1.81E-10	1.79E-10	1.62E-10	7.40E-11	7.19E-11	0.00E+00	0.00E+00	3.34E-11	6.07E-12	3.85E-11	5.94E-12	5.57E-12	8.95E-11
5255	496363.09	3865377.25	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.37E-11	7.16E-11	0.00E+00	0.00E+00	3.32E-11	6.05E-12	3.84E-11	5.92E-12	5.54E-12	8.91E-11
5256	496863.09	3865377.25	2.92E-07	2.88E-07	2.80E-07	1.01E-10	3.05E-10	1.77E-10	1.74E-10	1.58E-10	7.22E-11	7.01E-11	0.00E+00	0.00E+00	3.25E-11	5.92E-12	3.76E-11	5.79E-12	5.43E-12	8.72E-11
5257	497363.09	3865377.25	2.87E-07	2.84E-07	2.75E-07	9.95E-11	3.00E-10	1.74E-10	1.72E-10	1.56E-10	7.10E-11	6.89E-11	0.00E+00	0.00E+00	3.20E-11	5.82E-12	3.70E-11	5.70E-12	5.34E-12	8.58E-11
5258	497863.09	3865377.25	2.83E-07	2.79E-07	2.71E-07	9.79E-11	2.96E-10	1.71E-10	1.69E-10	1.53E-10	6.99E-11	6.79E-11	0.00E+00	0.00E+00	3.15E-11	5.73E-12	3.64E-11	5.61E-12	5.25E-12	8.45E-11
5259	498363.09	3865377.25	2.80E-07	2.77E-07	2.69E-07	9.71E-11	2.93E-10	1.70E-10	1.67E-10	1.52E-10	6.93E-11	6.73E-11	0.00E+00	0.00E+00	3.12E-11	5.68E-12	3.61E-11	5.56E-12	5.21E-12	8.37E-11
5260	471363.09	3865877.25	8.42E-08	8.31E-08	8.07E-08	2.91E-11	8.80E-11	5.09E-11	5.03E-11	4.56E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.37E-12	1.71E-12	1.08E-11	1.67E-12	1.56E-12	2.51E-11
5261	471863.09	3865877.25	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
5262	472363.09	3865877.25	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.70E-12	2.74E-11
5263	472863.09	3865877.25	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.88E-11
5264	473363.09	3865877.25	1.02E-07	1.01E-07	9.78E-08	3.53E-11	1.07E-10	6.17E-11	6.09E-11	5.52E-11	2.52E-11	2.45E-11	0.00E+00	0.00E+00	1.14E-11	2.07E-12	1.31E-11	2.02E-12	1.89E-12	3.05E-11
5265	473863.09	3865877.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.46E-11	5.85E-11	2.67E-11	2.59E-11	0.00E+00	0.00E+00	1.20E-11	2.19E-12	1.39E-11	2.14E-12	2.01E-12	3.23E-11
5266	474363.09	3865877.25	1.14E-07	1.13E-07	1.10E-07	3.96E-11	1.19E-10	6.91E-11	6.82E-11	6.19E-11	2.82E-11	2.74E-11	0.00E+00	0.00E+00	1.27E-11	2.32E-12	1.47E-11	2.27E-12	2.12E-12	3.41E-11
5267	474863.09	3865877.25	1.20E-07	1.18E-07	1.15E-07	4.14E-11	1.25E-10	7.24E-11	7.15E-11	6.48E-11	2.96E-11	2.87E-11	0.00E+00	0.00E+00	1.33E-11	2.43E-12	1.54E-11	2.37E-12	2.22E-12	3.58E-11
5268	475363.09	3865877.25	1.23E-07	1.22E-07	1.18E-07	4.27E-11	1.29E-10	7.46E-11	7.36E-11	6.67E-11	3.04E-11	2.96E-11	0.00E+00	0.00E+00	1.37E-11	2.50E-12	1.59E-11	2.44E-12	2.29E-12	3.68E-11
5269	475863.09	3865877.25	1.25E-07	1.23E-07	1.20E-07	4.32E-11	1.30E-10	7.55E-11	7.45E-11	6.76E-11	3.08E-11	2.99E-11	0.00E+00	0.00E+00	1.39E-11	2.53E-12	1.61E-11	2.48E-12	2.32E-12	3.73E-11
5270	476363.09	3865877.25	1.24E-07	1.23E-07	1.19E-07	4.30E-11	1.30E-10	7.51E-11	7.41E-11	6.72E-11	3.07E-11	2.98E-11	0.00E+00	0.00E+00	1.38E-11	2.52E-12	1.60E-11	2.46E-12	2.31E-12	3.71E-11
5271	476863.09	3865877.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.16E-11	7.06E-11	6.40E-11	2.92E-11	2.84E-11	0.00E+00	0.00E+00	1.32E-11	2.40E-12	1.52E-11	2.35E-12	2.20E-12	3.53E-11
5272	477363.09	3865877.25	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.37E-11	7.27E-11	6.59E-11	3.01E-11	2.92E-11	0.00E+00	0.00E+00	1.36E-11	2.47E-12	1.57E-11	2.42E-12	2.26E-12	3.64E-11
5273	477863.09	3865877.25	1.23E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.42E-11	7.32E-11	6.64E-11	3.03E-11	2.94E-11	0.00E+00	0.00E+00	1.36E-11	2.48E-12	1.58E-11	2.43E-12	2.28E-12	3.66E-11
5274	478363.09	3865877.25	1.26E-07	1.24E-07	1.21E-07	4.36E-11	1.32E-10	7.61E-11	7.51E-11	6.81E-11	3.11E-11	3.02E-11	0.00E+00	0.00E+00	1.40E-11	2.55E-12	1.62E-11	2.50E-12	2.34E-12	3.76E-11
5275	478863.09	3865877.25	1.32E-07	1.30E-07	1.26E-07	4.56E-11	1.38E-10	7.97E-11	7.86E-11	7.13E-11	3.25E-11	3.16E-11	0.00E+00	0.00E+00	1.47E-11	2.67E-12	1.69E-11	2.61E-12	2.45E-12	3.93E-11
5276	479363.09	3865877.25	1.39E-07	1.37E-07	1.33E-07	4.81E-11	1.45E-10	8.40E-11	8.29E-11	7.52E-11	3.43E-11	3.33E-11	0.00E+00	0.00E+00	1.55E-11	2.81E-12	1.79E-11	2.75E-12	2.58E-12	4.15E-11
5277	479863.09	3865877.25	1.45E-07	1.44E-07	1.39E-07	5.04E-11	1.52E-10	8.80E-11	8.69E-11	7.88E-11	3.59E-11	3.49E-11	0.00E+00	0.00E+00	1.62E-11	2.95E-12	1.87E-11	2.89E-12	2.70E-12	4.34E-11
5278	480363.09	3865877.25	1.51E-07	1.50E-07	1.45E-07	5.24E-11	1.58E-10	9.17E-11	9.05E-11	8.20E-11	3.74E-11	3.63E-11	0.00E+00	0.00E+00	1.69E-11	3.07E-12	1.95E-11	3.00E-12	2.81E-12	4.52E-11
5279	480863.09	3865877.25	1.57E-07	1.55E-07	1.51E-07	5.44E-11	1.64E-10	9.50E-11	9.38E-11	8.50E-11	3.88E-11	3.77E-11	0.00E+00	0.00E+00	1.75E-11	3.18E-12	2.02E-11	3.12E-12	2.92E-12	4.69E-11
5280	481363.09	3865877.25	1.63E-07	1.60E-07	1.56E-07	5.63E-11	1.70E-10	9.83E-11	9.71E-11	8.80E-11	4.01E-11	3.90E-11	0.00E+00	0.00E+00	1.81E-11	3.29E-12	2.09E-11	3.22E-12	3.02E-12	4.85E-11
5281	481863.09	3865877.25	1.68E-07	1.66E-07	1.61E-07	5.82E-11	1.76E-10	1.02E-10	1.00E-10	9.11E-11	4.16E-11	4.04E-11	0.00E+00	0.00E+00	1.87E-11	3.41E-12	2.16E-11	3.34E-12	3.13E-12	5.02E-11
5282	482363.09	3865877.25	1.75E-07	1.73E-07	1.68E-07	6.07E-11	1.83E-10	1.06E-10	1.05E-10	9.49E-11	4.33E-11	4.20E-11	0.00E+00	0.00E+00	1.95E-11	3.55E-12	2.25E-11	3.48E-12	3.26E-12	5.23E-11
5283	482863.09	3865877.25	1.85E-07	1.83E-07	1.78E-07	6.41E-11	1.94E-10	1.12E-10	1.11E-10	1.00E-10	4.58E-11	4.44E-11	0.00E+00	0.00E+00	2.06E-11	3.76E-12	2.38E-11	3.68E-12	3.44E-12	5.53E-11
5284	483363.09	3865877.25	1.99E-07	1.97E-07	1.91E-07	6.89E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	0.00E+00	0.00E+00	2.22E-11	4.04E-12	2.56E-11	3.95E-12	3.70E-12	5.95E-11
5285	483863.09	3865877.25	2.12E-07	2.10E-07	2.04E-07	7.35E-11	2.22E-10	1.29E-10	1.27E-10	1.15E-10	5.25E-11	5.09E-11	0.00E+00	0.00E+00	2.36E-11	4.30E-12	2.73E-11	4.21E-12	3.94E-12	6.34E-11
5286	484363.09	3865877.25	2.25E-07	2.22E-07	2.15E-07	7.78E-11	2.35E-10	1.36E-10	1.34E-10	1.22E-10	5.55E-11	5.39E-11	0.00E+00	0.00E+00	2.50E-11	4.56E-12	2.89E-11	4.46E-12	4.17E-12	6.71E-11
5287	484863.09	3865877.25	2.35E-07	2.32E-07	2.25E-07	8.14E-11	2.46E-10	1.42E-10	1.40E-10	1.27E-10	5.81E-11	5.64E-11	0.00E+00	0.00E+00	2.62E-11	4.77E-12	3.02E-11	4.66E-12	4.37E-12	7.02E-11
5288	485363.09	3865877.25	2.42E-07	2.38E-07	2.31E-07	8.36E-11	2.52E-10	1.46E-10	1.44E-10	1.31E-10	5.97E-11	5.79E-11	0.00E+00	0.00E+00	2.69E-11	4.90E-12	3.11E-11	4.79E-12	4.49E-12	7.21E-11
5289	485863.09	3865877.25	2.50E-07	2.47E-07	2.40E-07	8.66E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.18E-11	6.00E-11	0.00E+00	0.00E+00	2.78E-11	5.07E-12	3.22E-11	4.96E-12	4.65E-12	7.47E-11
5290	486363.09	3865877.25	2.58E-07	2.54E-07	2.47E-07	8.91E-11	2.69E-10	1.56E-10	1.54E-10	1.39E-10	6.36E-11	6.18E-11	0.00E+00	0.00E+00	2.87E-11	5.22E-12	3.31E-11	5.11E-12	4.78E-12	7.69E-11
5291	486863.09	3865877.25	2.63E-07	2.60E-07	2.52E-07	9.10E-11	2.75E-10	1.59E-10	1.57E-10	1.42E-10	6.50E-11	6.31E-11	0.00E+00	0.00E+00	2.93E-11	5.33E-12	3.38E-11	5.22E-12	4.88E-12	7.85E-11
5292	487363.09	3865877.25	2.73E-07	2.69E-07	2.62E-07	9.45E-11	2.85E-10	1.65E-10	1.63E-10	1.48E-10	6.74E-11	6.55E-11	0.00E+00	0.00E+00	3.04E-11	5.53E-12	3.51E-11	5.42E-12	5.07E-12	8.15E-11
5293	487863.09	3865877.25	2.74E-07	2.70E-07	2.62E-07	9.47E-11	2.86E-10	1.66E-10	1.63E-10	1.48E-10	6.76E-11	6.56E-11	0.00E+00	0.00E+00	3.05E-11	5.55E-12	3.52E-11	5.43E-12	5.08E-12	8.17E-11

5294	488363.09	3865877.25	2.71E-07	2.68E-07	2.60E-07	9.39E-11	2.84E-10	1.64E-10	1.62E-10	1.47E-10	6.70E-11	6.51E-11	0.00E+00	0.00E+00	3.02E-11	5.50E-12	3.49E-11	5.38E-12	5.04E-12	8.10E-11
5295	488863.09	3865877.25	2.75E-07	2.71E-07	2.63E-07	9.51E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.78E-11	6.59E-11	0.00E+00	0.00E+00	3.06E-11	5.57E-12	3.53E-11	5.45E-12	5.10E-12	8.20E-11
5296	489363.09	3865877.25	2.70E-07	2.66E-07	2.59E-07	9.34E-11	2.82E-10	1.63E-10	1.61E-10	1.46E-10	6.66E-11	6.47E-11	0.00E+00	0.00E+00	3.00E-11	5.47E-12	3.47E-11	5.35E-12	5.01E-12	8.06E-11
5297	489863.09	3865877.25	2.65E-07	2.61E-07	2.54E-07	9.17E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.54E-11	6.36E-11	0.00E+00	0.00E+00	2.95E-11	5.37E-12	3.41E-11	5.26E-12	4.92E-12	7.91E-11
5298	490363.09	3865877.25	2.68E-07	2.64E-07	2.57E-07	9.27E-11	2.80E-10	1.62E-10	1.60E-10	1.45E-10	6.61E-11	6.42E-11	0.00E+00	0.00E+00	2.98E-11	5.43E-12	3.44E-11	5.31E-12	4.97E-12	7.99E-11
5299	490863.09	3865877.25	2.62E-07	2.59E-07	2.51E-07	9.07E-11	2.74E-10	1.59E-10	1.56E-10	1.42E-10	6.47E-11	6.28E-11	0.00E+00	0.00E+00	2.92E-11	5.31E-12	3.37E-11	5.20E-12	4.87E-12	7.82E-11
5300	491363.09	3865877.25	2.43E-07	2.39E-07	2.32E-07	8.40E-11	2.54E-10	1.47E-10	1.45E-10	1.31E-10	5.99E-11	5.82E-11	0.00E+00	0.00E+00	2.70E-11	4.92E-12	3.12E-11	4.81E-12	4.51E-12	7.24E-11
5301	491863.09	3865877.25	2.34E-07	2.31E-07	2.24E-07	8.10E-11	2.44E-10	1.41E-10	1.40E-10	1.27E-10	5.78E-11	5.61E-11	0.00E+00	0.00E+00	2.60E-11	4.74E-12	3.01E-11	4.64E-12	4.34E-12	6.98E-11
5302	492363.09	3865877.25	2.16E-07	2.14E-07	2.07E-07	7.49E-11	2.26E-10	1.31E-10	1.29E-10	1.17E-10	5.35E-11	5.19E-11	0.00E+00	0.00E+00	2.41E-11	4.39E-12	2.78E-11	4.29E-12	4.02E-12	6.46E-11
5303	492863.09	3865877.25	1.58E-07	1.56E-07	1.51E-07	5.46E-11	1.65E-10	9.55E-11	9.43E-11	8.55E-11	3.90E-11	3.79E-11	0.00E+00	0.00E+00	1.76E-11	3.20E-12	2.03E-11	3.13E-12	2.93E-12	4.71E-11
5304	493363.09	3865877.25	1.59E-07	1.57E-07	1.52E-07	5.50E-11	1.66E-10	9.61E-11	9.48E-11	8.59E-11	3.92E-11	3.81E-11	0.00E+00	0.00E+00	1.77E-11	3.22E-12	2.04E-11	3.15E-12	2.95E-12	4.74E-11
5305	493863.09	3865877.25	1.87E-07	1.85E-07	1.80E-07	6.49E-11	1.96E-10	1.13E-10	1.12E-10	1.01E-10	4.63E-11	4.49E-11	0.00E+00	0.00E+00	2.09E-11	3.80E-12	2.41E-11	3.72E-12	3.48E-12	5.60E-11
5306	494363.09	3865877.25	2.24E-07	2.21E-07	2.15E-07	7.76E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.54E-11	5.38E-11	0.00E+00	0.00E+00	2.50E-11	4.54E-12	2.88E-11	4.45E-12	4.16E-12	6.70E-11
5307	494863.09	3865877.25	2.55E-07	2.51E-07	2.44E-07	8.81E-11	2.66E-10	1.54E-10	1.52E-10	1.38E-10	6.29E-11	6.11E-11	0.00E+00	0.00E+00	2.83E-11	5.16E-12	3.27E-11	5.05E-12	4.73E-12	7.60E-11
5308	495363.09	3865877.25	2.51E-07	2.48E-07	2.41E-07	8.69E-11	2.62E-10	1.52E-10	1.50E-10	1.36E-10	6.20E-11	6.02E-11	0.00E+00	0.00E+00	2.79E-11	5.09E-12	3.23E-11	4.98E-12	4.66E-12	7.50E-11
5309	495863.09	3865877.25	2.50E-07	2.47E-07	2.40E-07	8.65E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.17E-11	6.00E-11	0.00E+00	0.00E+00	2.78E-11	5.07E-12	3.22E-11	4.96E-12	4.64E-12	7.47E-11
5310	496363.09	3865877.25	2.57E-07	2.54E-07	2.46E-07	8.90E-11	2.69E-10	1.56E-10	1.53E-10	1.39E-10	6.35E-11	6.16E-11	0.00E+00	0.00E+00	2.86E-11	5.21E-12	3.31E-11	5.10E-12	4.77E-12	7.67E-11
5311	496863.09	3865877.25	2.54E-07	2.50E-07	2.43E-07	8.78E-11	2.65E-10	1.54E-10	1.52E-10	1.37E-10	6.27E-11	6.09E-11	0.00E+00	0.00E+00	2.82E-11	5.14E-12	3.26E-11	5.03E-12	4.71E-12	7.58E-11
5312	497363.09	3865877.25	2.56E-07	2.53E-07	2.46E-07	8.87E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.33E-11	6.15E-11	0.00E+00	0.00E+00	2.85E-11	5.20E-12	3.30E-11	5.08E-12	4.76E-12	7.66E-11
5313	497863.09	3865877.25	2.53E-07	2.50E-07	2.42E-07	8.76E-11	2.64E-10	1.53E-10	1.51E-10	1.37E-10	6.25E-11	6.07E-11	0.00E+00	0.00E+00	2.82E-11	5.13E-12	3.25E-11	5.02E-12	4.70E-12	7.55E-11
5314	498363.09	3865877.25	2.44E-07	2.41E-07	2.34E-07	8.46E-11	2.55E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.86E-11	0.00E+00	0.00E+00	2.72E-11	4.95E-12	3.14E-11	4.85E-12	4.54E-12	7.30E-11
5315	471363.09	3866377.25	8.38E-08	8.27E-08	8.03E-08	2.90E-11	8.76E-11	5.07E-11	5.00E-11	4.54E-11	2.07E-11	2.01E-11	0.00E+00	0.00E+00	9.33E-12	1.70E-12	1.08E-11	1.66E-12	1.56E-12	2.50E-11
5316	471863.09	3866377.25	8.82E-08	8.71E-08	8.46E-08	3.05E-11	9.22E-11	5.34E-11	5.27E-11	4.78E-11	2.18E-11	2.12E-11	0.00E+00	0.00E+00	9.82E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
5317	472363.09	3866377.25	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
5318	472863.09	3866377.25	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
5319	473363.09	3866377.25	1.04E-07	1.02E-07	9.94E-08	3.59E-11	1.08E-10	6.28E-11	6.19E-11	5.61E-11	2.56E-11	2.49E-11	0.00E+00	0.00E+00	1.15E-11	2.10E-12	1.33E-11	2.06E-12	1.93E-12	3.10E-11
5320	473863.09	3866377.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.46E-11	5.85E-11	2.67E-11	2.59E-11	0.00E+00	0.00E+00	1.20E-11	2.19E-12	1.39E-11	2.14E-12	2.01E-12	3.23E-11
5321	474363.09	3866377.25	1.11E-07	1.10E-07	1.07E-07	3.85E-11	1.16E-10	6.73E-11	6.64E-11	6.02E-11	2.75E-11	2.67E-11	0.00E+00	0.00E+00	1.24E-11	2.26E-12	1.43E-11	2.21E-12	2.07E-12	3.32E-11
5322	474863.09	3866377.25	1.13E-07	1.11E-07	1.08E-07	3.90E-11	1.18E-10	6.81E-11	6.72E-11	6.09E-11	2.78E-11	2.70E-11	0.00E+00	0.00E+00	1.25E-11	2.28E-12	1.45E-11	2.23E-12	2.09E-12	3.36E-11
5323	475363.09	3866377.25	1.12E-07	1.10E-07	1.07E-07	3.87E-11	1.17E-10	6.77E-11	6.68E-11	6.06E-11	2.76E-11	2.68E-11	0.00E+00	0.00E+00	1.25E-11	2.27E-12	1.44E-11	2.22E-12	2.08E-12	3.34E-11
5324	475863.09	3866377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.68E-11	6.59E-11	5.97E-11	2.73E-11	2.65E-11	0.00E+00	0.00E+00	1.23E-11	2.24E-12	1.42E-11	2.19E-12	2.05E-12	3.30E-11
5325	476363.09	3866377.25	1.10E-07	1.08E-07	1.05E-07	3.79E-11	1.15E-10	6.63E-11	6.54E-11	5.93E-11	2.71E-11	2.63E-11	0.00E+00	0.00E+00	1.22E-11	2.22E-12	1.41E-11	2.17E-12	2.04E-12	3.27E-11
5326	476863.09	3866377.25	1.04E-07	1.02E-07	9.93E-08	3.59E-11	1.08E-10	6.27E-11	6.19E-11	5.61E-11	2.56E-11	2.48E-11	0.00E+00	0.00E+00	1.15E-11	2.10E-12	1.33E-11	2.05E-12	1.92E-12	3.09E-11
5327	477363.09	3866377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.68E-11	6.59E-11	5.97E-11	2.73E-11	2.65E-11	0.00E+00	0.00E+00	1.23E-11	2.24E-12	1.42E-11	2.19E-12	2.05E-12	3.30E-11
5328	477863.09	3866377.25	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.96E-11	6.31E-11	2.88E-11	2.80E-11	0.00E+00	0.00E+00	1.30E-11	2.36E-12	1.50E-11	2.31E-12	2.17E-12	3.48E-11
5329	478363.09	3866377.25	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.38E-11	7.28E-11	6.60E-11	3.01E-11	2.92E-11	0.00E+00	0.00E+00	1.36E-11	2.47E-12	1.57E-11	2.42E-12	2.26E-12	3.64E-11
5330	478863.09	3866377.25	1.28E-07	1.26E-07	1.23E-07	4.43E-11	1.34E-10	7.75E-11	7.65E-11	6.93E-11	3.16E-11	3.07E-11	0.00E+00	0.00E+00	1.43E-11	2.60E-12	1.65E-11	2.54E-12	2.38E-12	3.82E-11
5331	479363.09	3866377.25	1.34E-07	1.32E-07	1.28E-07	4.63E-11	1.40E-10	8.09E-11	7.98E-11	7.23E-11	3.30E-11	3.21E-11	0.00E+00	0.00E+00	1.49E-11	2.71E-12	1.72E-11	2.65E-12	2.48E-12	3.99E-11
5332	479863.09	3866377.25	1.39E-07	1.37E-07	1.33E-07	4.80E-11	1.45E-10	8.39E-11	8.28E-11	7.51E-11	3.43E-11	3.33E-11	0.00E+00	0.00E+00	1.54E-11	2.81E-12	1.78E-11	2.75E-12	2.58E-12	4.14E-11
5333	480363.09	3866377.25	1.43E-07	1.41E-07	1.37E-07	4.96E-11	1.50E-10	8.66E-11	8.55E-11	7.75E-11	3.54E-11	3.43E-11	0.00E+00	0.00E+00	1.59E-11	2.90E-12	1.84E-11	2.84E-12	2.66E-12	4.27E-11
5334	480863.09	3866377.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.91E-11	8.79E-11	7.97E-11	3.64E-11	3.53E-11	0.00E+00	0.00E+00	1.64E-11	2.98E-12	1.89E-11	2.92E-12	2.73E-12	4.40E-11
5335	481363.09	3866377.25	1.52E-07	1.50E-07	1.45E-07	5.25E-11	1.59E-10	9.18E-11	9.06E-11	8.21E-11	3.75E-11	3.64E-11	0.00E+00	0.00E+00	1.69E-11	3.08E-12	1.95E-11	3.01E-12	2.82E-12	4.53E-11
5336	481863.09	3866377.25	1.57E-07	1.55E-07	1.51E-07	5.44E-11	1.64E-10	9.50E-11	9.38E-11	8.50E-11	3.88E-11	3.77E-11	0.00E+00	0.00E+00	1.75E-11	3.18E-12	2.02E-11	3.12E-12	2.92E-12	4.69E-11
5337	482363.09	3866377.25	1.65E-07	1.63E-07	1.58E-07	5.72E-11	1.73E-10	1.00E-10	9.87E-11	8.95E-11	4.08E-11	3.96E-11	0.00E+00	0.00E+00	1.84E-11	3.35E-12	2.13E-11	3.28E-12	3.07E-12	4.94E-11
5338	482863.09	3866377.25	1.77E-07	1.74E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	0.00E+00	0.00E+00	1.97E-11	3.58E-12	2.27E-11	3.51E-12	3.28E-12	5.28E-11
5339	483363.09	3866377.25	1.88E-07	1.86E-07	1.80E-07	6.51E-11	1.97E-10	1.14E-10	1.12E-10	1.02E-10	4.64E-11	4.51E-11	0.00E+00	0.00E+00	2.09E-11	3.81E-12	2.42E-11	3.73E-12	3.49E-12	5.62E-11
5340	483863.09	3866377.25	1.98E-07	1.95E-07	1.90E-07	6.85E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.75E-11	0.00E+00	0.00E+00	2.20E-11	4.01E-12	2.55E-11	3.93E-12	3.68E-12	5.91E-11
5341	484363.09	3866377.25	2.08E-07	2.05E-07	1.99E-07	7.19E-11	2.17E-10	1.26E-10	1.24E-10	1.12E-10	5.13E-11	4.98E-11	0.00E+00	0.00E+00	2.31E-11	4.21E-12	2.67E-11	4.12E-12	3.86E-12	6.20E-11
5342	484863.09	3866377.25	2.15E-07	2.12E-07	2.06E-07	7.44E-11	2.25E-10	1.30E-10	1.28E-10	1.16E-10	5.31E-11	5.16E-11	0.00E+00	0.00E+00	2.39E-11	4.36E-12	2.77E-11	4.26E-12	3.99E-12	6.42E-11
5343	485363.09	3866377.25	2.20E-07	2.17E-07	2.11E-07	7.62E-11	2.30E-10	1.33E-10	1.31E-10	1.19E-10	5.44E-11	5.28E-11	0.00E+00	0.00E+00	2.45E-11	4.46E-12	2.83E-11	4.36E-12	4.09E-12	6.57E-11
5344	485863.09	3866377.25	2.27E-07	2.24E-07	2.18E-07	7.87E-11	2.37E-10	1.37E-10	1.36E-10	1.23E-10	5.61E-11	5.45E-11	0.00E+00	0.00E+00	2.53E-11	4.61E-12	2.92E-11	4.51E-12	4.22E-12	6.78E-11
5345	486363.09	3866377.25	2.32E-07	2.29E-07	2.22E-07	8.02E-11	2.42E-10	1.40E-10	1.38E-10	1.25E-10	5.72E-11	5.56E-11	0.00E+00	0.00E+00	2.58E-11	4.70E-12	2.98E-11	4.59E-12	4.30E-12	6.92E-11
5346	486863.09	3866377.25	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	0.00E+00	0.00E+00	2.65E-11	4.82E-12	3.06E-11	4.72E-12	4.42E-12	7.10E-11

5347	487363.09	3866377.25	2.48E-07	2.45E-07	2.38E-07	8.60E-11	2.60E-10	1.50E-10	1.48E-10	1.34E-10	6.14E-11	5.96E-11	0.00E+00	0.00E+00	2.77E-11	5.04E-12	3.20E-11	4.93E-12	4.61E-12	7.42E-11
5348	487863.09	3866377.25	2.46E-07	2.43E-07	2.36E-07	8.52E-11	2.57E-10	1.49E-10	1.47E-10	1.33E-10	6.08E-11	5.90E-11	0.00E+00	0.00E+00	2.74E-11	4.99E-12	3.17E-11	4.88E-12	4.57E-12	7.35E-11
5349	488363.09	3866377.25	2.47E-07	2.44E-07	2.37E-07	8.56E-11	2.59E-10	1.50E-10	1.48E-10	1.34E-10	6.11E-11	5.93E-11	0.00E+00	0.00E+00	2.75E-11	5.01E-12	3.18E-11	4.91E-12	4.59E-12	7.39E-11
5350	488863.09	3866377.25	2.46E-07	2.43E-07	2.36E-07	8.53E-11	2.57E-10	1.49E-10	1.47E-10	1.33E-10	6.08E-11	5.91E-11	0.00E+00	0.00E+00	2.74E-11	4.99E-12	3.17E-11	4.89E-12	4.58E-12	7.36E-11
5351	489363.09	3866377.25	2.35E-07	2.32E-07	2.25E-07	8.13E-11	2.46E-10	1.42E-10	1.40E-10	1.27E-10	5.80E-11	5.63E-11	0.00E+00	0.00E+00	2.61E-11	4.76E-12	3.02E-11	4.66E-12	4.36E-12	7.01E-11
5352	489863.09	3866377.25	2.16E-07	2.13E-07	2.07E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.33E-11	5.17E-11	0.00E+00	0.00E+00	2.40E-11	4.37E-12	2.77E-11	4.28E-12	4.00E-12	6.44E-11
5353	490363.09	3866377.25	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.87E-11	5.70E-11	0.00E+00	0.00E+00	2.65E-11	4.82E-12	3.06E-11	4.72E-12	4.42E-12	7.10E-11
5354	490863.09	3866377.25	2.41E-07	2.37E-07	2.31E-07	8.33E-11	2.51E-10	1.46E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	0.00E+00	0.00E+00	2.68E-11	4.88E-12	3.09E-11	4.77E-12	4.47E-12	7.19E-11
5355	491363.09	3866377.25	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.48E-10	1.44E-10	1.42E-10	1.29E-10	5.87E-11	5.70E-11	0.00E+00	0.00E+00	2.65E-11	4.82E-12	3.06E-11	4.71E-12	4.41E-12	7.10E-11
5356	491863.09	3866377.25	1.98E-07	1.96E-07	1.90E-07	6.86E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.90E-11	4.75E-11	0.00E+00	0.00E+00	2.21E-11	4.02E-12	2.55E-11	3.93E-12	3.68E-12	5.92E-11
5357	492363.09	3866377.25	1.97E-07	1.95E-07	1.89E-07	6.83E-11	2.06E-10	1.19E-10	1.18E-10	1.07E-10	4.87E-11	4.73E-11	0.00E+00	0.00E+00	2.20E-11	4.00E-12	2.54E-11	3.91E-12	3.66E-12	5.89E-11
5358	492863.09	3866377.25	1.73E-07	1.71E-07	1.66E-07	5.98E-11	1.81E-10	1.05E-10	1.03E-10	9.36E-11	4.27E-11	4.15E-11	0.00E+00	0.00E+00	1.92E-11	3.50E-12	2.22E-11	3.43E-12	3.21E-12	5.16E-11
5359	493363.09	3866377.25	1.88E-07	1.86E-07	1.80E-07	6.52E-11	1.97E-10	1.14E-10	1.12E-10	1.02E-10	4.65E-11	4.52E-11	0.00E+00	0.00E+00	2.10E-11	3.82E-12	2.42E-11	3.73E-12	3.50E-12	5.62E-11
5360	493863.09	3866377.25	2.02E-07	1.99E-07	1.93E-07	6.99E-11	2.11E-10	1.22E-10	1.21E-10	1.09E-10	4.99E-11	4.84E-11	0.00E+00	0.00E+00	2.25E-11	4.09E-12	2.60E-11	4.00E-12	3.75E-12	6.03E-11
5361	494363.09	3866377.25	2.16E-07	2.13E-07	2.07E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.32E-11	5.17E-11	0.00E+00	0.00E+00	2.40E-11	4.37E-12	2.77E-11	4.27E-12	4.00E-12	6.44E-11
5362	494863.09	3866377.25	2.18E-07	2.15E-07	2.09E-07	7.54E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.38E-11	5.22E-11	0.00E+00	0.00E+00	2.42E-11	4.41E-12	2.80E-11	4.32E-12	4.04E-12	6.50E-11
5363	495363.09	3866377.25	2.15E-07	2.13E-07	2.06E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.32E-11	5.17E-11	0.00E+00	0.00E+00	2.40E-11	4.37E-12	2.77E-11	4.27E-12	4.00E-12	6.43E-11
5364	495863.09	3866377.25	2.06E-07	2.03E-07	1.97E-07	7.13E-11	2.15E-10	1.25E-10	1.23E-10	1.11E-10	5.09E-11	4.94E-11	0.00E+00	0.00E+00	2.29E-11	4.17E-12	2.65E-11	4.08E-12	3.82E-12	6.15E-11
5365	496363.09	3866377.25	2.07E-07	2.05E-07	1.99E-07	7.18E-11	2.17E-10	1.26E-10	1.24E-10	1.12E-10	5.12E-11	4.98E-11	0.00E+00	0.00E+00	2.31E-11	4.20E-12	2.67E-11	4.11E-12	3.85E-12	6.19E-11
5366	496863.09	3866377.25	2.11E-07	2.09E-07	2.03E-07	7.32E-11	2.21E-10	1.28E-10	1.26E-10	1.14E-10	5.22E-11	5.07E-11	0.00E+00	0.00E+00	2.35E-11	4.29E-12	2.72E-11	4.19E-12	3.93E-12	6.31E-11
5367	497363.09	3866377.25	2.16E-07	2.13E-07	2.07E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.33E-11	5.17E-11	0.00E+00	0.00E+00	2.40E-11	4.37E-12	2.77E-11	4.28E-12	4.00E-12	6.44E-11
5368	497863.09	3866377.25	2.21E-07	2.18E-07	2.11E-07	7.64E-11	2.31E-10	1.33E-10	1.32E-10	1.19E-10	5.45E-11	5.29E-11	0.00E+00	0.00E+00	2.46E-11	4.47E-12	2.84E-11	4.38E-12	4.10E-12	6.59E-11
5369	498363.09	3866377.25	1.95E-07	1.92E-07	1.87E-07	6.74E-11	2.03E-10	1.18E-10	1.16E-10	1.05E-10	4.81E-11	4.67E-11	0.00E+00	0.00E+00	2.17E-11	3.95E-12	2.50E-11	3.86E-12	3.62E-12	5.81E-11
5370	474494.92	3848334.16	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	0.00E+00	0.00E+00	6.88E-12	1.25E-12	7.95E-12	1.23E-12	1.15E-12	1.85E-11
5371	475167.27	3848920.79	6.73E-08	6.64E-08	6.45E-08	2.33E-11	7.03E-11	4.07E-11	4.02E-11	3.64E-11	1.66E-11	1.61E-11	0.00E+00	0.00E+00	7.49E-12	1.36E-12	8.65E-12	1.33E-12	1.25E-12	2.01E-11
5372	475297.89	3848997.96	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	0.00E+00	0.00E+00	7.59E-12	1.38E-12	8.77E-12	1.35E-12	1.27E-12	2.04E-11
5373	475439.05	3849062	6.77E-08	6.68E-08	6.49E-08	2.34E-11	7.07E-11	4.09E-11	4.04E-11	3.66E-11	1.67E-11	1.62E-11	0.00E+00	0.00E+00	7.53E-12	1.37E-12	8.70E-12	1.34E-12	1.26E-12	2.02E-11
5374	475486.86	3849061.09	6.74E-08	6.65E-08	6.46E-08	2.33E-11	7.05E-11	4.08E-11	4.03E-11	3.65E-11	1.67E-11	1.62E-11	0.00E+00	0.00E+00	7.50E-12	1.37E-12	8.67E-12	1.34E-12	1.25E-12	2.01E-11
5375	475538.46	3849075.56	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.56E-12	1.38E-12	8.74E-12	1.35E-12	1.26E-12	2.03E-11
5376	475751.79	3849137.15	7.05E-08	6.96E-08	6.76E-08	2.44E-11	7.37E-11	4.27E-11	4.21E-11	3.82E-11	1.74E-11	1.69E-11	0.00E+00	0.00E+00	7.85E-12	1.43E-12	9.07E-12	1.40E-12	1.31E-12	2.11E-11
5377	476303.62	3849223.38	7.40E-08	7.31E-08	7.10E-08	2.56E-11	7.74E-11	4.48E-11	4.42E-11	4.01E-11	1.83E-11	1.78E-11	0.00E+00	0.00E+00	8.24E-12	1.50E-12	9.52E-12	1.47E-12	1.38E-12	2.21E-11
5378	476304.51	3849238.92	7.42E-08	7.32E-08	7.11E-08	2.57E-11	7.75E-11	4.49E-11	4.43E-11	4.02E-11	1.83E-11	1.78E-11	0.00E+00	0.00E+00	8.26E-12	1.50E-12	9.54E-12	1.47E-12	1.38E-12	2.22E-11
5379	476365.04	3849247.98	7.46E-08	7.36E-08	7.15E-08	2.58E-11	7.79E-11	4.51E-11	4.45E-11	4.04E-11	1.84E-11	1.79E-11	0.00E+00	0.00E+00	8.30E-12	1.51E-12	9.59E-12	1.48E-12	1.38E-12	2.23E-11
5380	476444.86	3849267.13	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	0.00E+00	0.00E+00	8.31E-12	1.51E-12	9.61E-12	1.48E-12	1.39E-12	2.23E-11
5381	476550.75	3849300.66	7.57E-08	7.48E-08	7.26E-08	2.62E-11	7.92E-11	4.58E-11	4.52E-11	4.10E-11	1.87E-11	1.82E-11	0.00E+00	0.00E+00	8.43E-12	1.54E-12	9.74E-12	1.50E-12	1.41E-12	2.26E-11
5382	476656.71	3849346.88	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	0.00E+00	0.00E+00	8.53E-12	1.55E-12	9.86E-12	1.52E-12	1.42E-12	2.29E-11
5383	476873.55	3849454.53	7.89E-08	7.78E-08	7.56E-08	2.73E-11	8.24E-11	4.77E-11	4.71E-11	4.27E-11	1.95E-11	1.89E-11	0.00E+00	0.00E+00	8.78E-12	1.60E-12	1.01E-11	1.56E-12	1.46E-12	2.35E-11
5384	477700	3849859.7	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	0.00E+00	0.00E+00	9.63E-12	1.75E-12	1.11E-11	1.72E-12	1.61E-12	2.58E-11
5385	477743.16	3849856.38	8.59E-08	8.48E-08	8.23E-08	2.97E-11	8.98E-11	5.20E-11	5.13E-11	4.65E-11	2.12E-11	2.06E-11	0.00E+00	0.00E+00	9.56E-12	1.74E-12	1.10E-11	1.70E-12	1.60E-12	2.56E-11
5386	478477.35	3850216.33	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.83E-12	1.16E-11	1.79E-12	1.67E-12	2.69E-11
5387	478485.8	3850201.6	8.98E-08	8.86E-08	8.61E-08	3.11E-11	9.39E-11	5.43E-11	5.36E-11	4.86E-11	2.22E-11	2.15E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.15E-11	1.78E-12	1.67E-12	2.68E-11
5388	479113.21	3850501.53	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.98E-12	1.26E-11	1.94E-12	1.82E-12	2.92E-11
5389	479108.11	3850382.28	9.59E-08	9.47E-08	9.19E-08	3.32E-11	1.00E-10	5.80E-11	5.73E-11	5.19E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
5390	479689.85	3850674.28	1.02E-07	1.00E-07	9.75E-08	3.52E-11	1.06E-10	6.16E-11	6.08E-11	5.51E-11	2.51E-11	2.44E-11	0.00E+00	0.00E+00	1.13E-11	2.06E-12	1.31E-11	2.02E-12	1.89E-12	3.04E-11
5391	479952.42	3850774.28	1.06E-07	1.04E-07	1.01E-07	3.66E-11	1.11E-10	6.40E-11	6.32E-11	5.73E-11	2.61E-11	2.54E-11	0.00E+00	0.00E+00	1.18E-11	2.14E-12	1.36E-11	2.10E-12	1.97E-12	3.16E-11
5392	479911.32	3850884.85	1.07E-07	1.05E-07	1.02E-07	3.70E-11	1.12E-10	6.46E-11	6.38E-11	5.78E-11	2.64E-11	2.56E-11	0.00E+00	0.00E+00	1.19E-11	2.17E-12	1.37E-11	2.12E-12	1.98E-12	3.19E-11
5393	480500.92	3851178.12	1.20E-07	1.18E-07	1.15E-07	4.14E-11	1.25E-10	7.24E-11	7.15E-11	6.48E-11	2.96E-11	2.87E-11	0.00E+00	0.00E+00	1.33E-11	2.43E-12	1.54E-11	2.37E-12	2.22E-12	3.58E-11
5394	480738.01	3851289.27	1.26E-07	1.24E-07	1.20E-07	4.35E-11	1.31E-10	7.60E-11	7.50E-11	6.80E-11	3.10E-11	3.01E-11	0.00E+00	0.00E+00	1.40E-11	2.55E-12	1.62E-11	2.49E-12	2.33E-12	3.75E-11
5395	481055.42	3851443.58	1.34E-07	1.32E-07	1.29E-07	4.64E-11	1.40E-10	8.12E-11	8.01E-11	7.26E-11	3.31E-11	3.22E-11	0.00E+00	0.00E+00	1.49E-11	2.72E-12	1.73E-11	2.66E-12	2.49E-12	4.01E-11
5396	481110.22	3851443.15	1.36E-07	1.34E-07	1.30E-07	4.69E-11	1.42E-10	8.20E-11	8.10E-11	7.34E-11	3.35E-11	3.25E-11	0.00E+00	0.00E+00	1.51E-11	2.75E-12	1.74E-11	2.69E-12	2.52E-12	4.05E-11
5397	481111.1	3851417.45	1.35E-07	1.34E-07	1.30E-07	4.69E-11	1.42E-10	8.20E-11	8.09E-11	7.33E-11	3.35E-11	3.25E-11	0.00E+00	0.00E+00	1.51E-11	2.75E-12	1.74E-11	2.69E-12	2.52E-12	4.05E-11
5398	482248.44	3852605.09	1.76E-07	1.73E-07	1.68E-07	6.08E-11	1.83E-10	1.06E-10	1.05E-10	9.50E-11	4.34E-11	4.21E-11	0.00E+00	0.00E+00	1.95E-11	3.56E-12	2.26E-11	3.48E-12	3.26E-12	5.24E-11
5399	482273.34	3852632.31	1.76E-07	1.74E-07	1.69E-07	6.11E-11	1.84E-10	1.07E-10	1.05E-10	9.55E-11	4.36E-11	4.23E-11	0.00E+00	0.00E+00	1.96E-11	3.58E-12	2.27E-11	3.50E-12	3.28E-12	5.27E-11

5400	482665.46	3853038.72	1.94E-07	1.91E-07	1.85E-07	6.70E-11	2.02E-10	1.17E-10	1.16E-10	1.05E-10	4.78E-11	4.64E-11	0.00E+00	0.00E+00	2.15E-11	3.92E-12	2.49E-11	3.84E-12	3.59E-12	5.78E-11
5401	483077.95	3853844.31	2.21E-07	2.18E-07	2.12E-07	7.65E-11	2.31E-10	1.34E-10	1.32E-10	1.20E-10	5.46E-11	5.30E-11	0.00E+00	0.00E+00	2.46E-11	4.48E-12	2.84E-11	4.39E-12	4.11E-12	6.60E-11
5402	483121.38	3853909.38	2.24E-07	2.21E-07	2.15E-07	7.75E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.53E-11	5.37E-11	0.00E+00	0.00E+00	2.49E-11	4.54E-12	2.88E-11	4.44E-12	4.16E-12	6.69E-11
5403	483492.64	3853911.49	2.30E-07	2.27E-07	2.21E-07	7.98E-11	2.41E-10	1.39E-10	1.38E-10	1.25E-10	5.69E-11	5.53E-11	0.00E+00	0.00E+00	2.57E-11	4.67E-12	2.96E-11	4.57E-12	4.28E-12	6.88E-11
5404	483498.29	3854204.73	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.97E-11	5.80E-11	0.00E+00	0.00E+00	2.69E-11	4.90E-12	3.11E-11	4.80E-12	4.49E-12	7.22E-11
5405	484132.44	3854662.55	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.46E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	0.00E+00	0.00E+00	2.68E-11	4.87E-12	3.09E-11	4.77E-12	4.47E-12	7.18E-11
5406	484627.62	3854876.13	2.76E-07	2.72E-07	2.64E-07	9.54E-11	2.88E-10	1.67E-10	1.65E-10	1.49E-10	6.81E-11	6.61E-11	0.00E+00	0.00E+00	3.07E-11	5.59E-12	3.55E-11	5.47E-12	5.12E-12	8.23E-11
5407	484756.14	3854949.04	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.26E-11	7.05E-11	0.00E+00	0.00E+00	3.27E-11	5.96E-12	3.78E-11	5.83E-12	5.46E-12	8.77E-11
5408	486697.51	3856599.17	7.74E-07	7.64E-07	7.42E-07	2.68E-10	8.09E-10	4.68E-10	4.62E-10	4.19E-10	1.91E-10	1.86E-10	0.00E+00	0.00E+00	8.61E-11	1.57E-11	9.95E-11	1.54E-11	1.44E-11	2.31E-10
5409	487105.31	3856962.27	1.12E-06	1.10E-06	1.07E-06	3.87E-10	1.17E-09	6.76E-10	6.68E-10	6.05E-10	2.76E-10	2.68E-10	0.00E+00	0.00E+00	1.24E-10	2.27E-11	1.44E-10	2.22E-11	2.08E-11	3.34E-10
5410	487157.57	3856901.7	1.13E-06	1.12E-06	1.08E-06	3.92E-10	1.18E-09	6.85E-10	6.76E-10	6.13E-10	2.80E-10	2.71E-10	0.00E+00	0.00E+00	1.26E-10	2.29E-11	1.46E-10	2.24E-11	2.10E-11	3.38E-10
5411	487173.5	3856853.74	1.10E-06	1.09E-06	1.06E-06	3.82E-10	1.15E-09	6.68E-10	6.59E-10	5.98E-10	2.73E-10	2.65E-10	0.00E+00	0.00E+00	1.23E-10	2.24E-11	1.42E-10	2.19E-11	2.05E-11	3.30E-10
5412	487564.41	3856860.83	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.17E-10	2.82E-10	2.74E-10	0.00E+00	0.00E+00	1.27E-10	2.31E-11	1.47E-10	2.26E-11	2.12E-11	3.41E-10
5413	487563.31	3856931.58	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.33E-10	7.24E-10	6.56E-10	2.99E-10	2.91E-10	0.00E+00	0.00E+00	1.35E-10	2.46E-11	1.56E-10	2.40E-11	2.25E-11	3.62E-10
5414	487782.7	3856926.85	1.26E-06	1.25E-06	1.21E-06	4.38E-10	1.32E-09	7.65E-10	7.55E-10	6.84E-10	3.12E-10	3.03E-10	0.00E+00	0.00E+00	1.41E-10	2.56E-11	1.63E-10	2.51E-11	2.35E-11	3.78E-10
5415	487782.39	3856757.07	1.10E-06	1.09E-06	1.06E-06	3.82E-10	1.15E-09	6.68E-10	6.59E-10	5.97E-10	2.73E-10	2.65E-10	0.00E+00	0.00E+00	1.23E-10	2.24E-11	1.42E-10	2.19E-11	2.05E-11	3.29E-10
5416	487917.26	3856752.41	1.14E-06	1.13E-06	1.10E-06	3.96E-10	1.20E-09	6.93E-10	6.84E-10	6.20E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.27E-10	2.32E-11	1.47E-10	2.27E-11	2.13E-11	3.42E-10
5417	487919.57	3856953.35	1.34E-06	1.32E-06	1.28E-06	4.63E-10	1.40E-09	8.10E-10	8.00E-10	7.25E-10	3.31E-10	3.21E-10	0.00E+00	0.00E+00	1.49E-10	2.71E-11	1.72E-10	2.66E-11	2.49E-11	4.00E-10
5418	487932.76	3857000.32	1.39E-06	1.37E-06	1.33E-06	4.81E-10	1.45E-09	8.41E-10	8.30E-10	7.52E-10	3.43E-10	3.33E-10	0.00E+00	0.00E+00	1.55E-10	2.82E-11	1.79E-10	2.76E-11	2.58E-11	4.15E-10
5419	487960.5	3857044.75	1.45E-06	1.43E-06	1.39E-06	5.02E-10	1.51E-09	8.77E-10	8.65E-10	7.84E-10	3.58E-10	3.48E-10	0.00E+00	0.00E+00	1.61E-10	2.94E-11	1.86E-10	2.87E-11	2.69E-11	4.33E-10
5420	488016.54	3857089.54	1.52E-06	1.50E-06	1.46E-06	5.28E-10	1.59E-09	9.22E-10	9.10E-10	8.25E-10	3.77E-10	3.66E-10	0.00E+00	0.00E+00	1.70E-10	3.09E-11	1.96E-10	3.02E-11	2.83E-11	4.55E-10
5421	488114.39	3857165.47	1.68E-06	1.66E-06	1.61E-06	5.81E-10	1.75E-09	1.02E-09	1.00E-09	9.09E-10	4.15E-10	4.03E-10	0.00E+00	0.00E+00	1.87E-10	3.40E-11	2.16E-10	3.33E-11	3.12E-11	5.01E-10
5422	488171.49	3857234.24	1.83E-06	1.81E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	0.00E+00	0.00E+00	2.04E-10	3.71E-11	2.35E-10	3.63E-11	3.40E-11	5.46E-10
5423	488193.16	3857297.8	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.90E-10	4.75E-10	0.00E+00	0.00E+00	2.21E-10	4.02E-11	2.55E-10	3.93E-11	3.68E-11	5.92E-10
5424	488189.27	3857649.94	3.33E-06	3.29E-06	3.19E-06	1.15E-09	3.48E-09	2.02E-09	1.99E-09	1.80E-09	8.23E-10	8.00E-10	0.00E+00	0.00E+00	3.71E-10	6.76E-11	4.29E-10	6.61E-11	6.19E-11	9.95E-10
5425	488127.43	3857732.32	3.95E-06	3.90E-06	3.79E-06	1.37E-09	4.13E-09	2.39E-09	2.36E-09	2.14E-09	9.77E-10	9.49E-10	0.00E+00	0.00E+00	4.40E-10	8.02E-11	5.09E-10	7.84E-11	7.34E-11	1.18E-09
5426	488149.93	3857752.94	4.15E-06	4.10E-06	3.98E-06	1.44E-09	4.34E-09	2.51E-09	2.48E-09	2.25E-09	1.03E-09	9.96E-10	0.00E+00	0.00E+00	4.62E-10	8.41E-11	5.34E-10	8.23E-11	7.71E-11	1.24E-09
5427	488144.76	3857758.71	4.21E-06	4.16E-06	4.03E-06	1.46E-09	4.40E-09	2.55E-09	2.51E-09	2.28E-09	1.04E-09	1.01E-09	0.00E+00	0.00E+00	4.69E-10	8.53E-11	5.41E-10	8.35E-11	7.82E-11	1.26E-09
5428	488335.58	3857932.55	8.51E-06	8.40E-06	8.16E-06	2.95E-09	8.90E-09	5.15E-09	5.08E-09	4.61E-09	2.10E-09	2.04E-09	0.00E+00	0.00E+00	9.48E-10	1.73E-10	1.09E-09	1.69E-10	1.58E-10	2.54E-09
5429	488372.29	3857943.79	9.39E-06	9.27E-06	9.00E-06	3.25E-09	9.82E-09	5.68E-09	5.61E-09	5.09E-09	2.32E-09	2.25E-09	0.00E+00	0.00E+00	1.05E-09	1.90E-10	1.21E-09	1.86E-10	1.74E-10	2.81E-09
5430	488828.64	3857936.4	1.12E-05	1.10E-05	1.07E-05	3.87E-09	1.17E-08	6.77E-09	6.68E-09	6.06E-09	2.76E-09	2.68E-09	0.00E+00	0.00E+00	1.25E-09	2.27E-10	1.44E-09	2.22E-10	2.08E-10	3.34E-09
5431	488829.08	3857959.58	1.25E-05	1.23E-05	1.20E-05	4.32E-09	1.31E-08	7.56E-09	7.46E-09	6.76E-09	3.09E-09	3.00E-09	0.00E+00	0.00E+00	1.39E-09	2.53E-10	1.61E-09	2.48E-10	2.32E-10	3.73E-09
5432	488351.61	3857964.55	1.09E-05	1.08E-05	1.04E-05	3.77E-09	1.14E-08	6.59E-09	6.51E-09	5.90E-09	2.69E-09	2.61E-09	0.00E+00	0.00E+00	1.21E-09	2.21E-10	1.40E-09	2.16E-10	2.02E-10	3.25E-09
5433	488316.87	3857947.65	9.36E-06	9.24E-06	8.97E-06	3.24E-09	9.78E-09	5.66E-09	5.59E-09	5.07E-09	2.31E-09	2.24E-09	0.00E+00	0.00E+00	1.04E-09	1.90E-10	1.20E-09	1.86E-10	1.74E-10	2.79E-09
5434	488129.1	3857775.77	4.41E-06	4.35E-06	4.22E-06	1.53E-09	4.61E-09	2.67E-09	2.63E-09	2.39E-09	1.09E-09	1.06E-09	0.00E+00	0.00E+00	4.91E-10	8.93E-11	5.67E-10	8.74E-11	8.19E-11	1.32E-09
5435	488062.53	3857846.13	5.24E-06	5.17E-06	5.02E-06	1.81E-09	5.47E-09	3.17E-09	3.13E-09	2.84E-09	1.29E-09	1.26E-09	0.00E+00	0.00E+00	5.83E-10	1.06E-10	6.74E-10	1.04E-10	9.73E-11	1.56E-09
5436	488330.41	3858091.34	1.80E-04	1.78E-04	1.73E-04	6.24E-08	1.88E-07	1.09E-07	1.08E-07	9.76E-08	4.45E-08	4.32E-08	0.00E+00	0.00E+00	2.01E-08	3.65E-09	2.32E-08	3.58E-09	3.35E-09	5.38E-08
5437	488470.87	3858174.45	1.03E-04	1.01E-04	9.83E-05	3.55E-08	1.07E-07	6.21E-08	6.13E-08	5.55E-08	2.53E-08	2.46E-08	0.00E+00	0.00E+00	1.14E-08	2.08E-09	1.32E-08	2.04E-09	1.91E-09	3.06E-08
5438	488568.9	3858262.31	9.69E-05	9.56E-05	9.29E-05	3.35E-08	1.01E-07	5.86E-08	5.79E-08	5.25E-08	2.39E-08	2.32E-08	0.00E+00	0.00E+00	1.08E-08	1.96E-09	1.25E-08	1.92E-09	1.80E-09	2.89E-08
5439	488964.27	3858025.71	1.52E-05	1.50E-05	1.46E-05	5.27E-09	1.59E-08	9.21E-09	9.09E-09	8.24E-09	3.76E-09	3.65E-09	0.00E+00	0.00E+00	1.69E-09	3.08E-10	1.96E-09	3.02E-10	2.83E-10	4.54E-09
5440	489147.25	3857956.64	1.13E-05	1.11E-05	1.08E-05	3.90E-09	1.18E-08	6.82E-09	6.73E-09	6.10E-09	2.78E-09	2.70E-09	0.00E+00	0.00E+00	1.25E-09	2.28E-10	1.45E-09	2.23E-10	2.09E-10	3.36E-09
5441	489343.52	3857932.45	1.01E-05	9.96E-06	9.67E-06	3.49E-09	1.05E-08	6.11E-09	6.03E-09	5.46E-09	2.49E-09	2.42E-09	0.00E+00	0.00E+00	1.12E-09	2.05E-10	1.30E-09	2.00E-10	1.87E-10	3.01E-09
5442	489866.19	3857923.19	9.91E-06	9.78E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.36E-09	2.45E-09	2.38E-09	0.00E+00	0.00E+00	1.10E-09	2.01E-10	1.27E-09	1.97E-10	1.84E-10	2.96E-09
5443	489955.65	3857902.27	9.47E-06	9.35E-06	9.08E-06	3.28E-09	9.90E-09	5.73E-09	5.66E-09	5.13E-09	2.34E-09	2.27E-09	0.00E+00	0.00E+00	1.05E-09	1.92E-10	1.22E-09	1.88E-10	1.76E-10	2.83E-09
5444	490079.44	3857847.9	8.67E-06	8.55E-06	8.30E-06	3.00E-09	9.06E-09	5.24E-09	5.17E-09	4.69E-09	2.14E-09	2.08E-09	0.00E+00	0.00E+00	9.65E-10	1.76E-10	1.11E-09	1.72E-10	1.61E-10	2.59E-09
5445	490108.49	3857934.13	1.07E-05	1.05E-05	1.02E-05	3.70E-09	1.12E-08	6.47E-09	6.38E-09	5.79E-09	2.64E-09	2.56E-09	0.00E+00	0.00E+00	1.19E-09	2.17E-10	1.37E-09	2.12E-10	1.99E-10	3.19E-09
5446	489884.48	3858014.17	1.26E-05	1.24E-05	1.21E-05	4.35E-09	1.31E-08	7.61E-09	7.51E-09	6.81E-09	3.11E-09	3.02E-09	0.00E+00	0.00E+00	1.40E-09	2.55E-10	1.62E-09	2.50E-10	2.34E-10	3.76E-09
5447	489326.56	3858025.86	1.30E-05	1.28E-05	1.24E-05	4.50E-09	1.36E-08	7.86E-09	7.76E-09	7.03E-09	3.21E-09	3.12E-09	0.00E+00	0.00E+00	1.45E-09	2.63E-10	1.67E-09	2.58E-10	2.41E-10	3.88E-09
5448	489130.38	3858056.71	1.51E-05	1.49E-05	1.45E-05	5.23E-09	1.58E-08	9.14E-09	9.02E-09	8.18E-09	3.73E-09	3.62E-09	0.00E+00	0.00E+00	1.68E-09	3.06E-10	1.94E-09	3.00E-10	2.80E-10	4.51E-09
5449	488936.49	3858143.93	2.22E-05	2.19E-05	2.13E-05	7.68E-09	2.32E-08	1.34E-08	1.33E-08	1.20E-08	5.48E-09	5.32E-09	0.00E+00	0.00E+00	2.47E-09	4.50E-10	2.86E-09	4.40E-10	4.12E-10	6.63E-09
5450	488638.08	3858327.45	9.66E-05	9.53E-05	9.26E-05	3.34E-08	1.01E-07	5.85E-08	5.77E-08	5.23E-08	2.39E-08	2.32E-08	0.00E+00	0.00E+00	1.08E-08	1.96E-09	1.24E-08	1.92E-09	1.79E-09	2.88E-08
5451	488663.79	3858349.57	9.50E-05	9.38E-05	9.11E-05	3.29E-08	9.93E-08	5.75E-08	5.68E-08	5.15E-08	2.35E-08	2.28E-08	0.00E+00	0.00E+00	1.06E-08	1.93E-09	1.22E-08	1.89E-09	1.77E-09	2.84E-08
5452	488694.56	3858349.5	7.72E-05	7.62E-05	7.40E-05	2.67E-08	8.07E-08	4.67E-08	4.61E-08	4.18E-08	1.91E-08	1.85E-08	0.00E+00	0.00E+00	8.59E-09	1.56E-09	9.93E-09	1.53E-09	1.43E-09	2.30E-08

5453	488694.35	3858336.75	7.15E-05	7.06E-05	6.85E-05	2.48E-08	7.47E-08	4.33E-08	4.27E-08	3.87E-08	1.77E-08	1.72E-08	0.00E+00	0.00E+00	7.96E-09	1.45E-09	9.20E-09	1.42E-09	1.33E-09	2.14E-08
5454	488712.81	3858336.38	6.49E-05	6.41E-05	6.22E-05	2.25E-08	6.79E-08	3.93E-08	3.88E-08	3.51E-08	1.60E-08	1.56E-08	0.00E+00	0.00E+00	7.23E-09	1.32E-09	8.35E-09	1.29E-09	1.21E-09	1.94E-08
5455	488713.23	3858367.46	7.75E-05	7.65E-05	7.43E-05	2.68E-08	8.10E-08	4.69E-08	4.63E-08	4.19E-08	1.91E-08	1.86E-08	0.00E+00	0.00E+00	8.63E-09	1.57E-09	9.97E-09	1.54E-09	1.44E-09	2.31E-08
5456	488704.63	3858384.05	9.25E-05	9.13E-05	8.87E-05	3.20E-08	9.67E-08	5.60E-08	5.52E-08	5.01E-08	2.29E-08	2.22E-08	0.00E+00	0.00E+00	1.03E-08	1.88E-09	1.19E-08	1.83E-09	1.72E-09	2.76E-08
5457	488604.15	3858488.29	3.05E-05	3.01E-05	2.93E-05	1.06E-08	3.19E-08	1.85E-08	1.82E-08	1.65E-08	7.54E-09	7.33E-09	0.00E+00	0.00E+00	3.40E-09	6.19E-10	3.93E-09	6.06E-10	5.67E-10	9.12E-09
5458	488605.66	3858550.47	2.29E-05	2.26E-05	2.19E-05	7.91E-09	2.39E-08	1.38E-08	1.37E-08	1.24E-08	5.65E-09	5.48E-09	0.00E+00	0.00E+00	2.54E-09	4.63E-10	2.94E-09	4.53E-10	4.25E-10	6.83E-09
5459	488692.68	3858548.71	3.44E-05	3.40E-05	3.30E-05	1.19E-08	3.60E-08	2.08E-08	2.06E-08	1.86E-08	8.50E-09	8.26E-09	0.00E+00	0.00E+00	3.83E-09	6.98E-10	4.43E-09	6.83E-10	6.39E-10	1.03E-08
5460	488759.93	3858461.81	1.18E-04	1.17E-04	1.13E-04	4.09E-08	1.24E-07	7.16E-08	7.06E-08	6.40E-08	2.92E-08	2.84E-08	0.00E+00	0.00E+00	1.32E-08	2.40E-09	1.52E-08	2.35E-09	2.20E-09	3.53E-08
5461	488816.57	3858541.79	1.67E-04	1.65E-04	1.60E-04	5.77E-08	1.74E-07	1.01E-07	9.96E-08	9.03E-08	4.12E-08	4.00E-08	0.00E+00	0.00E+00	1.86E-08	3.38E-09	2.14E-08	3.31E-09	3.10E-09	4.98E-08
5462	488944.63	3858656.77	1.63E-04	1.61E-04	1.56E-04	5.65E-08	1.70E-07	9.87E-08	9.74E-08	8.83E-08	4.03E-08	3.91E-08	0.00E+00	0.00E+00	1.82E-08	3.31E-09	2.10E-08	3.23E-09	3.03E-09	4.87E-08
5463	489134.91	3858830.7	1.75E-04	1.73E-04	1.68E-04	6.06E-08	1.83E-07	1.06E-07	1.05E-07	9.48E-08	4.33E-08	4.20E-08	0.00E+00	0.00E+00	1.95E-08	3.55E-09	2.25E-08	3.47E-09	3.25E-09	5.23E-08
5464	489193.99	3858886.05	2.05E-04	2.02E-04	1.97E-04	7.10E-08	2.14E-07	1.24E-07	1.22E-07	1.11E-07	5.07E-08	4.92E-08	0.00E+00	0.00E+00	2.28E-08	4.16E-09	2.64E-08	4.07E-09	3.81E-09	6.12E-08
5465	489295.2	3858954.34	8.78E-05	8.67E-05	8.42E-05	3.04E-08	9.18E-08	5.31E-08	5.24E-08	4.75E-08	2.17E-08	2.11E-08	0.00E+00	0.00E+00	9.78E-09	1.78E-09	1.13E-08	1.74E-09	1.63E-09	2.62E-08
5466	489295.64	3858992.74	7.62E-05	7.52E-05	7.30E-05	2.64E-08	7.96E-08	4.61E-08	4.55E-08	4.12E-08	1.88E-08	1.83E-08	0.00E+00	0.00E+00	8.48E-09	1.54E-09	9.80E-09	1.51E-09	1.41E-09	2.27E-08
5467	489183.74	3858911.72	9.66E-05	9.53E-05	9.25E-05	3.34E-08	1.01E-07	5.84E-08	5.77E-08	5.23E-08	2.38E-08	2.32E-08	0.00E+00	0.00E+00	1.07E-08	1.96E-09	1.24E-08	1.92E-09	1.79E-09	2.88E-08
5468	488873.37	3858625.59	7.34E-05	7.24E-05	7.04E-05	2.54E-08	7.67E-08	4.44E-08	4.38E-08	3.97E-08	1.81E-08	1.76E-08	0.00E+00	0.00E+00	8.17E-09	1.49E-09	9.44E-09	1.46E-09	1.36E-09	2.19E-08
5469	488842.84	3858658.69	4.40E-05	4.34E-05	4.21E-05	1.52E-08	4.60E-08	2.66E-08	2.63E-08	2.38E-08	1.09E-08	1.05E-08	0.00E+00	0.00E+00	4.89E-09	8.91E-10	5.66E-09	8.72E-10	8.17E-10	1.31E-08
5470	488856.39	3858670.93	4.46E-05	4.41E-05	4.28E-05	1.55E-08	4.67E-08	2.70E-08	2.67E-08	2.42E-08	1.10E-08	1.07E-08	0.00E+00	0.00E+00	4.97E-09	9.05E-10	5.74E-09	8.85E-10	8.29E-10	1.33E-08
5471	488805.7	3858724.5	2.54E-05	2.50E-05	2.43E-05	8.78E-09	2.65E-08	1.54E-08	1.52E-08	1.37E-08	6.27E-09	6.09E-09	0.00E+00	0.00E+00	2.82E-09	5.14E-10	3.26E-09	5.03E-10	4.71E-10	7.58E-09
5472	488805.87	3858804.16	1.97E-05	1.94E-05	1.89E-05	6.82E-09	2.06E-08	1.19E-08	1.18E-08	1.07E-08	4.86E-09	4.72E-09	0.00E+00	0.00E+00	2.19E-09	3.99E-10	2.53E-09	3.91E-10	3.66E-10	5.88E-09
5473	488995.78	3858936.96	2.45E-05	2.42E-05	2.35E-05	8.50E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.06E-09	5.89E-09	0.00E+00	0.00E+00	2.73E-09	4.98E-10	3.16E-09	4.87E-10	4.56E-10	7.33E-09
5474	489130.76	3859017.38	3.60E-05	3.56E-05	3.45E-05	1.25E-08	3.77E-08	2.18E-08	2.15E-08	1.95E-08	8.90E-09	8.64E-09	0.00E+00	0.00E+00	4.01E-09	7.30E-10	4.63E-09	7.15E-10	6.69E-10	1.08E-08
5475	489130.92	3859052.24	3.40E-05	3.36E-05	3.26E-05	1.18E-08	3.56E-08	2.06E-08	2.03E-08	1.84E-08	8.40E-09	8.16E-09	0.00E+00	0.00E+00	3.79E-09	6.89E-10	4.38E-09	6.75E-10	6.32E-10	1.02E-08
5476	489200.33	3859090.6	5.98E-05	5.90E-05	5.73E-05	2.07E-08	6.25E-08	3.62E-08	3.57E-08	3.24E-08	1.48E-08	1.43E-08	0.00E+00	0.00E+00	6.66E-09	1.21E-09	7.69E-09	1.19E-09	1.11E-09	1.79E-08
5477	489296.07	3859143.7	6.53E-05	6.45E-05	6.26E-05	2.26E-08	6.83E-08	3.95E-08	3.90E-08	3.54E-08	1.61E-08	1.57E-08	0.00E+00	0.00E+00	7.27E-09	1.32E-09	8.40E-09	1.30E-09	1.21E-09	1.95E-08
5478	489296.43	3858954.74	8.70E-05	8.59E-05	8.34E-05	3.01E-08	9.09E-08	5.26E-08	5.20E-08	4.71E-08	2.15E-08	2.09E-08	0.00E+00	0.00E+00	9.68E-09	1.76E-09	1.12E-08	1.73E-09	1.62E-09	2.60E-08
5479	489410.33	3859033.19	4.47E-05	4.41E-05	4.28E-05	1.55E-08	4.67E-08	2.70E-08	2.67E-08	2.42E-08	1.10E-08	1.07E-08	0.00E+00	0.00E+00	4.97E-09	9.06E-10	5.75E-09	8.86E-10	8.30E-10	1.33E-08
5480	489371.37	3859089.8	4.66E-05	4.60E-05	4.47E-05	1.61E-08	4.87E-08	2.82E-08	2.78E-08	2.52E-08	1.15E-08	1.12E-08	0.00E+00	0.00E+00	5.19E-09	9.44E-10	5.99E-09	9.24E-10	8.65E-10	1.39E-08
5481	489390.52	3859102.82	4.30E-05	4.24E-05	4.12E-05	1.49E-08	4.49E-08	2.60E-08	2.57E-08	2.33E-08	1.06E-08	1.03E-08	0.00E+00	0.00E+00	4.78E-09	8.71E-10	5.53E-09	8.52E-10	7.98E-10	1.28E-08
5482	489382.3	3859114.53	4.38E-05	4.33E-05	4.20E-05	1.52E-08	4.58E-08	2.65E-08	2.62E-08	2.37E-08	1.08E-08	1.05E-08	0.00E+00	0.00E+00	4.88E-09	8.88E-10	5.64E-09	8.69E-10	8.14E-10	1.31E-08
5483	489363.04	3859102.45	4.76E-05	4.70E-05	4.57E-05	1.65E-08	4.98E-08	2.88E-08	2.85E-08	2.58E-08	1.18E-08	1.14E-08	0.00E+00	0.00E+00	5.30E-09	9.66E-10	6.13E-09	9.45E-10	8.85E-10	1.42E-08
5484	489337.52	3859140.71	5.18E-05	5.11E-05	4.96E-05	1.79E-08	5.41E-08	3.13E-08	3.09E-08	2.80E-08	1.28E-08	1.24E-08	0.00E+00	0.00E+00	5.77E-09	1.05E-09	6.66E-09	1.03E-09	9.62E-10	1.55E-08
5485	489375.14	3859164.55	4.35E-05	4.29E-05	4.17E-05	1.51E-08	4.55E-08	2.63E-08	2.60E-08	2.36E-08	1.07E-08	1.04E-08	0.00E+00	0.00E+00	4.84E-09	8.82E-10	5.60E-09	8.63E-10	8.08E-10	1.30E-08
5486	489409.3	3859114.5	4.00E-05	3.95E-05	3.83E-05	1.39E-08	4.18E-08	2.42E-08	2.39E-08	2.17E-08	9.88E-09	9.60E-09	0.00E+00	0.00E+00	4.45E-09	8.11E-10	5.15E-09	7.94E-10	7.43E-10	1.19E-08
5487	489434.87	3859131.81	3.66E-05	3.61E-05	3.51E-05	1.27E-08	3.83E-08	2.21E-08	2.19E-08	1.98E-08	9.04E-09	8.78E-09	0.00E+00	0.00E+00	4.07E-09	7.42E-10	4.71E-09	7.26E-10	6.80E-10	1.09E-08
5488	489471.87	3859075.75	3.62E-05	3.58E-05	3.47E-05	1.25E-08	3.79E-08	2.19E-08	2.16E-08	1.96E-08	8.95E-09	8.69E-09	0.00E+00	0.00E+00	4.03E-09	7.34E-10	4.66E-09	7.19E-10	6.73E-10	1.08E-08
5489	489602.62	3859164.69	2.64E-05	2.60E-05	2.53E-05	9.12E-09	2.75E-08	1.59E-08	1.57E-08	1.43E-08	6.51E-09	6.32E-09	0.00E+00	0.00E+00	2.93E-09	5.34E-10	3.39E-09	5.23E-10	4.90E-10	7.87E-09
5490	489558.29	3859232.45	2.58E-05	2.54E-05	2.47E-05	8.91E-09	2.69E-08	1.56E-08	1.54E-08	1.39E-08	6.36E-09	6.18E-09	0.00E+00	0.00E+00	2.87E-09	5.22E-10	3.31E-09	5.11E-10	4.78E-10	7.69E-09
5491	489620.11	3859273.56	2.25E-05	2.22E-05	2.15E-05	7.78E-09	2.35E-08	1.36E-08	1.34E-08	1.22E-08	5.55E-09	5.39E-09	0.00E+00	0.00E+00	2.50E-09	4.56E-10	2.89E-09	4.46E-10	4.18E-10	6.71E-09
5492	489666.06	3859206.42	2.34E-05	2.31E-05	2.24E-05	8.08E-09	2.44E-08	1.41E-08	1.39E-08	1.26E-08	5.77E-09	5.60E-09	0.00E+00	0.00E+00	2.60E-09	4.73E-10	3.00E-09	4.63E-10	4.34E-10	6.97E-09
5493	489787.9	3859285.65	1.89E-05	1.87E-05	1.81E-05	6.55E-09	1.98E-08	1.15E-08	1.13E-08	1.02E-08	4.67E-09	4.54E-09	0.00E+00	0.00E+00	2.11E-09	3.84E-10	2.43E-09	3.75E-10	3.51E-10	5.65E-09
5494	489752.17	3859343.13	1.75E-05	1.72E-05	1.67E-05	6.04E-09	1.82E-08	1.06E-08	1.04E-08	9.45E-09	4.31E-09	4.19E-09	0.00E+00	0.00E+00	1.94E-09	3.54E-10	2.25E-09	3.46E-10	3.24E-10	5.21E-09
5495	489814.94	3859385.33	1.53E-05	1.51E-05	1.47E-05	5.31E-09	1.60E-08	9.28E-09	9.16E-09	8.31E-09	3.79E-09	3.68E-09	0.00E+00	0.00E+00	1.71E-09	3.11E-10	1.97E-09	3.04E-10	2.85E-10	4.58E-09
5496	489853.42	3859330.74	1.70E-05	1.68E-05	1.63E-05	5.88E-09	1.78E-08	1.03E-08	1.01E-08	9.19E-09	4.19E-09	4.07E-09	0.00E+00	0.00E+00	1.89E-09	3.44E-10	2.18E-09	3.37E-10	3.15E-10	5.07E-09
5497	489969.5	3859401.91	1.39E-05	1.37E-05	1.34E-05	4.82E-09	1.46E-08	8.43E-09	8.32E-09	7.54E-09	3.44E-09	3.34E-09	0.00E+00	0.00E+00	1.55E-09	2.82E-10	1.79E-09	2.76E-10	2.59E-10	4.16E-09
5498	490166.91	3859486.96	1.10E-05	1.08E-05	1.05E-05	3.80E-09	1.15E-08	6.64E-09	6.55E-09	5.94E-09	2.71E-09	2.63E-09	0.00E+00	0.00E+00	1.22E-09	2.22E-10	1.41E-09	2.18E-10	2.04E-10	3.28E-09
5499	490128.86	3859571.46	8.61E-06	8.49E-06	8.25E-06	2.98E-09	9.00E-09	5.21E-09	5.14E-09	4.66E-09	2.13E-09	2.06E-09	0.00E+00	0.00E+00	9.58E-10	1.74E-10	1.11E-09	1.71E-10	1.60E-10	2.57E-09
5500	490186.65	3859593.65	8.08E-06	7.98E-06	7.75E-06	2.80E-09	8.45E-09	4.89E-09	4.83E-09	4.37E-09	2.00E-09	1.94E-09	0.00E+00	0.00E+00	9.00E-10	1.64E-10	1.04E-09	1.60E-10	1.50E-10	2.41E-09
5501	490223.74	3859517.48	1.04E-05	1.02E-05	9.95E-06	3.59E-09	1.08E-08	6.28E-09	6.20E-09	5.62E-09	2.56E-09	2.49E-09	0.00E+00	0.00E+00	1.16E-09	2.10E-10	1.33E-09	2.06E-10	1.93E-10	3.10E-09
5502	490846.34	3859817.22	6.49E-06	6.40E-06	6.22E-06	2.25E-09	6.78E-09	3.93E-09	3.87E-09	3.51E-09	1.60E-09	1.56E-09	0.00E+00	0.00E+00	7.22E-10	1.31E-10	8.34E-10	1.29E-10	1.20E-10	1.94E-09
5503	490925.65	3859844.59	6.31E-06	6.23E-06	6.05E-06	2.18E-09	6.60E-09	3.82E-09	3.77E-09	3.42E-09	1.56E-09	1.51E-09	0.00E+00	0.00E+00	7.03E-10	1.28E-10	8.12E-10	1.25E-10	1.17E-10	1.88E-09
5504	491159.29	3859896.28	6.03E-06	5.95E-06	5.78E-06	2.09E-09	6.31E-09	3.65E-09	3.60E-09	3.27E-09	1.49E-09	1.45E-09	0.00E+00	0.00E+00	6.72E-10	1.22E-10	7.76E-10	1.20E-10	1.12E-10	1.80E-09
5505	491370.69	3859960.89	5.56E-06	5.49E-06	5.33E-06	1.92E-09	5.81E-09	3.36E-09	3.32E-09	3.01E-09	1.37E-09	1.33E-09	0.00E+00	0.00E+00	6.19E-10	1.13E-10	7.15E-10	1.10E-10	1.03E-10	1.66E-09

5506	491330.28	3860063.17	3.51E-06	3.46E-06	3.36E-06	1.21E-09	3.67E-09	2.12E-09	2.10E-09	1.90E-09	8.67E-10	8.42E-10	0.00E+00	0.00E+00	3.91E-10	7.11E-11	4.51E-10	6.96E-11	6.52E-11	1.05E-09
5507	491636.45	3860180.75	3.02E-06	2.98E-06	2.89E-06	1.04E-09	3.16E-09	1.83E-09	1.80E-09	1.63E-09	7.46E-10	7.24E-10	0.00E+00	0.00E+00	3.36E-10	6.12E-11	3.88E-10	5.99E-11	5.61E-11	9.01E-10
5508	491617.94	3860203.93	2.92E-06	2.88E-06	2.80E-06	1.01E-09	3.05E-09	1.77E-09	1.74E-09	1.58E-09	7.21E-10	7.00E-10	0.00E+00	0.00E+00	3.25E-10	5.92E-11	3.76E-10	5.79E-11	5.42E-11	8.72E-10
5509	491805.68	3860271.59	2.68E-06	2.64E-06	2.56E-06	9.26E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.61E-10	6.42E-10	0.00E+00	0.00E+00	2.98E-10	5.42E-11	3.44E-10	5.31E-11	4.97E-11	7.99E-10
5510	491654.23	3860414.02	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.46E-09	1.43E-09	1.41E-09	1.28E-09	5.82E-10	5.66E-10	0.00E+00	0.00E+00	2.62E-10	4.78E-11	3.03E-10	4.68E-11	4.38E-11	7.04E-10
5511	491592.62	3860510.76	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	0.00E+00	0.00E+00	2.41E-10	4.39E-11	2.79E-10	4.30E-11	4.02E-11	6.47E-10
5512	491475.41	3860368.93	2.43E-06	2.40E-06	2.33E-06	8.43E-10	2.55E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.84E-10	0.00E+00	0.00E+00	2.71E-10	4.94E-11	3.13E-10	4.83E-11	4.52E-11	7.27E-10
5513	491445.61	3860337.28	2.51E-06	2.47E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	0.00E+00	0.00E+00	2.79E-10	5.08E-11	3.22E-10	4.97E-11	4.66E-11	7.49E-10
5514	491399.05	3860300.37	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	0.00E+00	0.00E+00	2.90E-10	5.29E-11	3.35E-10	5.17E-11	4.84E-11	7.79E-10
5515	491228.84	3860235.98	2.80E-06	2.77E-06	2.69E-06	9.71E-10	2.93E-09	1.70E-09	1.67E-09	1.52E-09	6.93E-10	6.73E-10	0.00E+00	0.00E+00	3.12E-10	5.69E-11	3.61E-10	5.56E-11	5.21E-11	8.38E-10
5516	491228.47	3860174.57	3.00E-06	2.96E-06	2.87E-06	1.04E-09	3.13E-09	1.81E-09	1.79E-09	1.62E-09	7.41E-10	7.19E-10	0.00E+00	0.00E+00	3.34E-10	6.08E-11	3.86E-10	5.95E-11	5.57E-11	8.96E-10
5517	491145.77	3860112.55	3.25E-06	3.21E-06	3.12E-06	1.13E-09	3.40E-09	1.97E-09	1.94E-09	1.76E-09	8.03E-10	7.80E-10	0.00E+00	0.00E+00	3.62E-10	6.59E-11	4.18E-10	6.45E-11	6.04E-11	9.71E-10
5518	490844.41	3859966.22	4.05E-06	4.00E-06	3.89E-06	1.40E-09	4.24E-09	2.45E-09	2.42E-09	2.19E-09	1.00E-09	9.73E-10	0.00E+00	0.00E+00	4.51E-10	8.22E-11	5.22E-10	8.04E-11	7.53E-11	1.21E-09
5519	490845.55	3859928.15	4.30E-06	4.25E-06	4.12E-06	1.49E-09	4.50E-09	2.60E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	0.00E+00	0.00E+00	4.79E-10	8.72E-11	5.53E-10	8.54E-11	7.99E-11	1.28E-09
5520	490046.91	3859625.6	8.07E-06	7.96E-06	7.73E-06	2.79E-09	8.43E-09	4.88E-09	4.82E-09	4.37E-09	1.99E-09	1.94E-09	0.00E+00	0.00E+00	8.98E-10	1.64E-10	1.04E-09	1.60E-10	1.50E-10	2.41E-09
5521	489970.48	3859589.4	9.06E-06	8.94E-06	8.68E-06	3.14E-09	9.47E-09	5.48E-09	5.41E-09	4.90E-09	2.24E-09	2.17E-09	0.00E+00	0.00E+00	1.01E-09	1.84E-10	1.17E-09	1.80E-10	1.68E-10	2.71E-09
5522	489865.89	3859529.06	1.11E-05	1.10E-05	1.07E-05	3.86E-09	1.16E-08	6.74E-09	6.65E-09	6.03E-09	2.75E-09	2.67E-09	0.00E+00	0.00E+00	1.24E-09	2.26E-10	1.43E-09	2.21E-10	2.07E-10	3.33E-09
5523	489826.89	3859531.74	1.15E-05	1.13E-05	1.10E-05	3.98E-09	1.20E-08	6.95E-09	6.86E-09	6.22E-09	2.84E-09	2.75E-09	0.00E+00	0.00E+00	1.28E-09	2.33E-10	1.48E-09	2.28E-10	2.13E-10	3.43E-09
5524	489410.47	3859303.06	3.59E-05	3.55E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.15E-08	1.94E-08	8.87E-09	8.62E-09	0.00E+00	0.00E+00	4.00E-09	7.28E-10	4.62E-09	7.12E-10	6.67E-10	1.07E-08
5525	489407.15	3859286.09	3.66E-05	3.61E-05	3.51E-05	1.27E-08	3.83E-08	2.21E-08	2.19E-08	1.98E-08	9.04E-09	8.78E-09	0.00E+00	0.00E+00	4.07E-09	7.42E-10	4.71E-09	7.26E-10	6.80E-10	1.09E-08
5526	488806.07	3858963.62	1.39E-05	1.37E-05	1.33E-05	4.81E-09	1.45E-08	8.41E-09	8.30E-09	7.52E-09	3.43E-09	3.33E-09	0.00E+00	0.00E+00	1.55E-09	2.82E-10	1.79E-09	2.76E-10	2.58E-10	4.15E-09
5527	488817.64	3859546.3	6.79E-06	6.70E-06	6.51E-06	2.35E-09	7.10E-09	4.11E-09	4.05E-09	3.68E-09	1.68E-09	1.63E-09	0.00E+00	0.00E+00	7.56E-10	1.38E-10	8.73E-10	1.35E-10	1.26E-10	2.03E-09
5528	489187.25	3859549.52	3.51E-05	3.47E-05	3.37E-05	1.22E-08	3.67E-08	2.13E-08	2.10E-08	1.90E-08	8.68E-09	8.42E-09	0.00E+00	0.00E+00	3.91E-09	7.12E-10	4.52E-09	6.97E-10	6.52E-10	1.05E-08
5529	489187.66	3859523.74	4.64E-05	4.58E-05	4.44E-05	1.61E-08	4.85E-08	2.81E-08	2.77E-08	2.51E-08	1.15E-08	1.11E-08	0.00E+00	0.00E+00	5.16E-09	9.40E-10	5.96E-09	9.20E-10	8.61E-10	1.38E-08
5530	489232.59	3859522.85	1.05E-04	1.04E-04	1.01E-04	3.64E-08	1.10E-07	6.35E-08	6.27E-08	5.69E-08	2.59E-08	2.52E-08	0.00E+00	0.00E+00	1.17E-08	2.13E-09	1.35E-08	2.08E-09	1.95E-09	3.14E-08
5531	489224.98	3859759.91	1.70E-05	1.68E-05	1.63E-05	5.88E-09	1.78E-08	1.03E-08	1.01E-08	9.19E-09	4.19E-09	4.07E-09	0.00E+00	0.00E+00	1.89E-09	3.44E-10	2.18E-09	3.37E-10	3.15E-10	5.07E-09
5532	488401.39	3859763.34	3.45E-06	3.41E-06	3.31E-06	1.20E-09	3.61E-09	2.09E-09	2.06E-09	1.87E-09	8.53E-10	8.28E-10	0.00E+00	0.00E+00	3.84E-10	7.00E-11	4.44E-10	6.85E-11	6.41E-11	1.03E-09
5533	488405.51	3859966.16	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.75E-09	1.73E-09	1.57E-09	7.16E-10	6.95E-10	0.00E+00	0.00E+00	3.23E-10	5.87E-11	3.73E-10	5.75E-11	5.38E-11	8.65E-10
5534	489202.85	3859956.57	7.51E-06	7.41E-06	7.20E-06	2.60E-09	7.85E-09	4.54E-09	4.48E-09	4.06E-09	1.85E-09	1.80E-09	0.00E+00	0.00E+00	8.36E-10	1.52E-10	9.66E-10	1.49E-10	1.39E-10	2.24E-09
5535	489191.9	3860676.74	8.19E-06	8.08E-06	7.85E-06	2.83E-09	8.56E-09	4.95E-09	4.89E-09	4.43E-09	2.02E-09	1.96E-09	0.00E+00	0.00E+00	9.12E-10	1.66E-10	1.05E-09	1.62E-10	1.52E-10	2.45E-09
5536	488392.82	3860687.88	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.49E-10	4.36E-10	0.00E+00	0.00E+00	2.02E-10	3.69E-11	2.34E-10	3.61E-11	3.38E-11	5.43E-10
5537	488392.82	3860760.27	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	0.00E+00	0.00E+00	1.96E-10	3.57E-11	2.26E-10	3.49E-11	3.27E-11	5.26E-10
5538	487549.05	3860777.45	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.75E-10	7.65E-10	6.93E-10	3.16E-10	3.07E-10	0.00E+00	0.00E+00	1.43E-10	2.60E-11	1.65E-10	2.54E-11	2.38E-11	3.82E-10
5539	487554.62	3859571.83	2.43E-06	2.39E-06	2.32E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.81E-11	4.51E-11	7.24E-10
5540	485949.46	3859558.54	1.10E-06	1.09E-06	1.06E-06	3.83E-10	1.15E-09	6.69E-10	6.60E-10	5.98E-10	2.73E-10	2.65E-10	0.00E+00	0.00E+00	1.23E-10	2.24E-11	1.42E-10	2.19E-11	2.05E-11	3.30E-10
5541	485947.55	3857943.61	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.07E-10	6.98E-10	6.32E-10	2.89E-10	2.80E-10	0.00E+00	0.00E+00	1.30E-10	2.37E-11	1.50E-10	2.32E-11	2.17E-11	3.49E-10
5542	484738.38	3857940.21	7.32E-07	7.23E-07	7.02E-07	2.54E-10	7.66E-10	4.43E-10	4.37E-10	3.96E-10	1.81E-10	1.76E-10	0.00E+00	0.00E+00	8.15E-11	1.48E-11	9.42E-11	1.45E-11	1.36E-11	2.19E-10
5543	484737.06	3857535.68	7.10E-07	7.01E-07	6.80E-07	2.46E-10	7.42E-10	4.30E-10	4.24E-10	3.84E-10	1.75E-10	1.70E-10	0.00E+00	0.00E+00	7.90E-11	1.44E-11	9.13E-11	1.41E-11	1.32E-11	2.12E-10
5544	483730.2	3857530.13	5.36E-07	5.29E-07	5.13E-07	1.85E-10	5.60E-10	3.24E-10	3.20E-10	2.90E-10	1.32E-10	1.28E-10	0.00E+00	0.00E+00	5.96E-11	1.09E-11	6.89E-11	1.06E-11	9.95E-12	1.60E-10
5545	483727.27	3857130.01	5.18E-07	5.12E-07	4.97E-07	1.79E-10	5.42E-10	3.14E-10	3.10E-10	2.81E-10	1.28E-10	1.24E-10	0.00E+00	0.00E+00	5.77E-11	1.05E-11	6.67E-11	1.03E-11	9.63E-12	1.55E-10
5546	483124.42	3857123.45	4.54E-07	4.48E-07	4.35E-07	1.57E-10	4.75E-10	2.75E-10	2.71E-10	2.46E-10	1.12E-10	1.09E-10	0.00E+00	0.00E+00	5.06E-11	9.21E-12	5.84E-11	9.01E-12	8.44E-12	1.36E-10
5547	483111.13	3855921.03	3.54E-07	3.49E-07	3.39E-07	1.23E-10	3.70E-10	2.14E-10	2.11E-10	1.92E-10	8.75E-11	8.49E-11	0.00E+00	0.00E+00	3.94E-11	7.18E-12	4.55E-11	7.02E-12	6.58E-12	1.06E-10
5548	482701.73	3855918.24	3.32E-07	3.28E-07	3.18E-07	1.15E-10	3.47E-10	2.01E-10	1.98E-10	1.80E-10	8.20E-11	7.96E-11	0.00E+00	0.00E+00	3.70E-11	6.73E-12	4.27E-11	6.58E-12	6.17E-12	9.91E-11
5549	482668.02	3853521.78	2.06E-07	2.03E-07	1.98E-07	7.14E-11	2.15E-10	1.25E-10	1.23E-10	1.12E-10	5.09E-11	4.94E-11	0.00E+00	0.00E+00	2.29E-11	4.18E-12	2.65E-11	4.09E-12	3.83E-12	6.16E-11
5550	482579.91	3853219.19	1.94E-07	1.91E-07	1.86E-07	6.72E-11	2.03E-10	1.17E-10	1.16E-10	1.05E-10	4.79E-11	4.65E-11	0.00E+00	0.00E+00	2.16E-11	3.93E-12	2.50E-11	3.85E-12	3.60E-12	5.79E-11
5551	482434.06	3852961.94	1.84E-07	1.82E-07	1.77E-07	6.38E-11	1.93E-10	1.11E-10	1.10E-10	9.98E-11	4.55E-11	4.42E-11	0.00E+00	0.00E+00	2.05E-11	3.74E-12	2.37E-11	3.65E-12	3.42E-12	5.50E-11
5552	482332.11	3852832.85	1.80E-07	1.77E-07	1.72E-07	6.22E-11	1.88E-10	1.09E-10	1.07E-10	9.73E-11	4.44E-11	4.31E-11	0.00E+00	0.00E+00	2.00E-11	3.64E-12	2.31E-11	3.56E-12	3.34E-12	5.37E-11
5553	481334.99	3851818.96	1.43E-07	1.41E-07	1.37E-07	4.96E-11	1.50E-10	8.67E-11	8.56E-11	7.76E-11	3.54E-11	3.44E-11	0.00E+00	0.00E+00	1.59E-11	2.90E-12	1.84E-11	2.84E-12	2.66E-12	4.28E-11
5554	481127.62	3851646.36	1.37E-07	1.36E-07	1.32E-07	4.76E-11	1.44E-10	8.31E-11	8.21E-11	7.44E-11	3.39E-11	3.30E-11	0.00E+00	0.00E+00	1.53E-11	2.79E-12	1.77E-11	2.73E-12	2.55E-12	4.10E-11
5555	481025.04	3851591.73	1.35E-07	1.33E-07	1.29E-07	4.66E-11	1.41E-10	8.14E-11	8.04E-11	7.28E-11	3.32E-11	3.23E-11	0.00E+00	0.00E+00	1.50E-11	2.73E-12	1.73E-11	2.67E-12	2.50E-12	4.02E-11
5556	480513.6	3851335.76	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.38E-11	7.28E-11	6.60E-11	3.01E-11	2.92E-11	0.00E+00	0.00E+00	1.36E-11	2.47E-12	1.57E-11	2.42E-12	2.26E-12	3.64E-11
5557	480523.56	3851317.66	1.22E-07	1.20E-07	1.17E-07	4.23E-11	1.28E-10	7.39E-11	7.29E-11	6.61E-11	3.02E-11	2.93E-11	0.00E+00	0.00E+00	1.36E-11	2.47E-12	1.57E-11	2.42E-12	2.27E-12	3.65E-11
5558	476921.56	3849569.11	8.15E-08	8.04E-08	7.81E-08	2.82E-11	8.51E-11	4.93E-11	4.86E-11	4.41E-11	2.01E-11	1.95E-11	0.00E+00	0.00E+00	9.07E-12	1.65E-12	1.05E-11	1.62E-12	1.51E-12	2.43E-11

5559	476521.19	3849373.96	7.74E-08	7.64E-08	7.42E-08	2.68E-11	8.09E-11	4.69E-11	4.62E-11	4.19E-11	1.91E-11	1.86E-11	0.00E+00	0.00E+00	8.62E-12	1.57E-12	9.96E-12	1.54E-12	1.44E-12	2.31E-11
5560	476391.45	3849333.38	7.68E-08	7.58E-08	7.36E-08	2.66E-11	8.03E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	0.00E+00	0.00E+00	8.55E-12	1.56E-12	9.88E-12	1.52E-12	1.43E-12	2.29E-11
5561	476219.41	3849304.29	7.61E-08	7.51E-08	7.30E-08	2.64E-11	7.96E-11	4.61E-11	4.55E-11	4.12E-11	1.88E-11	1.83E-11	0.00E+00	0.00E+00	8.47E-12	1.54E-12	9.79E-12	1.51E-12	1.41E-12	2.27E-11
5562	475679.11	3849218.47	7.29E-08	7.19E-08	6.98E-08	2.52E-11	7.62E-11	4.41E-11	4.35E-11	3.95E-11	1.80E-11	1.75E-11	0.00E+00	0.00E+00	8.11E-12	1.48E-12	9.37E-12	1.45E-12	1.35E-12	2.18E-11
5563	475677.71	3849233.88	7.33E-08	7.23E-08	7.02E-08	2.54E-11	7.66E-11	4.43E-11	4.38E-11	3.97E-11	1.81E-11	1.76E-11	0.00E+00	0.00E+00	8.16E-12	1.49E-12	9.42E-12	1.45E-12	1.36E-12	2.19E-11
5564	475492.74	3849204.66	6.62E-08	6.54E-08	6.35E-08	2.29E-11	6.92E-11	4.01E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	0.00E+00	0.00E+00	7.37E-12	1.34E-12	8.52E-12	1.31E-12	1.23E-12	1.98E-11
5565	475497.64	3849158.75	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	0.00E+00	0.00E+00	7.59E-12	1.38E-12	8.77E-12	1.35E-12	1.27E-12	2.04E-11
5566	475391.35	3849141.94	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.76E-12	1.41E-12	8.97E-12	1.38E-12	1.30E-12	2.08E-11
5567	475277	3849095.47	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.76E-12	1.41E-12	8.97E-12	1.38E-12	1.30E-12	2.08E-11
5568	475183.93	3849025.66	6.87E-08	6.78E-08	6.59E-08	2.38E-11	7.18E-11	4.16E-11	4.10E-11	3.72E-11	1.70E-11	1.65E-11	0.00E+00	0.00E+00	7.65E-12	1.39E-12	8.84E-12	1.36E-12	1.28E-12	2.05E-11
5569	474453.23	3848378.77	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	0.00E+00	0.00E+00	7.00E-12	1.27E-12	8.08E-12	1.25E-12	1.17E-12	1.88E-11
5570	474569.63	3848399.34	6.25E-08	6.16E-08	5.99E-08	2.16E-11	6.53E-11	3.78E-11	3.73E-11	3.38E-11	1.54E-11	1.50E-11	0.00E+00	0.00E+00	6.95E-12	1.27E-12	8.03E-12	1.24E-12	1.16E-12	1.87E-11
5571	474644.33	3848464.52	6.32E-08	6.24E-08	6.06E-08	2.19E-11	6.61E-11	3.83E-11	3.78E-11	3.42E-11	1.56E-11	1.52E-11	0.00E+00	0.00E+00	7.04E-12	1.28E-12	8.13E-12	1.25E-12	1.17E-12	1.89E-11
5572	474719.04	3848529.7	6.39E-08	6.31E-08	6.12E-08	2.21E-11	6.68E-11	3.87E-11	3.82E-11	3.46E-11	1.58E-11	1.53E-11	0.00E+00	0.00E+00	7.11E-12	1.30E-12	8.22E-12	1.27E-12	1.19E-12	1.91E-11
5573	474793.74	3848594.88	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	0.00E+00	0.00E+00	7.14E-12	1.30E-12	8.25E-12	1.27E-12	1.19E-12	1.92E-11
5574	474868.45	3848660.07	6.40E-08	6.32E-08	6.14E-08	2.22E-11	6.69E-11	3.87E-11	3.82E-11	3.47E-11	1.58E-11	1.54E-11	0.00E+00	0.00E+00	7.13E-12	1.30E-12	8.24E-12	1.27E-12	1.19E-12	1.91E-11
5575	474943.15	3848725.25	6.43E-08	6.34E-08	6.16E-08	2.23E-11	6.72E-11	3.89E-11	3.84E-11	3.48E-11	1.59E-11	1.54E-11	0.00E+00	0.00E+00	7.16E-12	1.30E-12	8.27E-12	1.28E-12	1.19E-12	1.92E-11
5576	475017.86	3848790.43	6.52E-08	6.43E-08	6.25E-08	2.26E-11	6.81E-11	3.94E-11	3.89E-11	3.53E-11	1.61E-11	1.56E-11	0.00E+00	0.00E+00	7.26E-12	1.32E-12	8.39E-12	1.29E-12	1.21E-12	1.95E-11
5577	475092.56	3848855.61	6.62E-08	6.54E-08	6.35E-08	2.29E-11	6.92E-11	4.01E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	0.00E+00	0.00E+00	7.37E-12	1.34E-12	8.52E-12	1.31E-12	1.23E-12	1.98E-11
5578	475232.58	3848959.38	6.78E-08	6.69E-08	6.50E-08	2.35E-11	7.09E-11	4.10E-11	4.05E-11	3.67E-11	1.67E-11	1.63E-11	0.00E+00	0.00E+00	7.55E-12	1.37E-12	8.72E-12	1.34E-12	1.26E-12	2.02E-11
5579	475368.47	3849029.98	6.83E-08	6.74E-08	6.55E-08	2.37E-11	7.14E-11	4.13E-11	4.08E-11	3.70E-11	1.69E-11	1.64E-11	0.00E+00	0.00E+00	7.61E-12	1.38E-12	8.79E-12	1.36E-12	1.27E-12	2.04E-11
5580	475609.57	3849096.09	6.86E-08	6.77E-08	6.57E-08	2.37E-11	7.17E-11	4.15E-11	4.10E-11	3.71E-11	1.69E-11	1.65E-11	0.00E+00	0.00E+00	7.63E-12	1.39E-12	8.82E-12	1.36E-12	1.27E-12	2.05E-11
5581	475680.68	3849116.62	7.00E-08	6.91E-08	6.71E-08	2.42E-11	7.32E-11	4.24E-11	4.18E-11	3.79E-11	1.73E-11	1.68E-11	0.00E+00	0.00E+00	7.79E-12	1.42E-12	9.01E-12	1.39E-12	1.30E-12	2.09E-11
5582	475843.76	3849151.52	7.17E-08	7.08E-08	6.87E-08	2.48E-11	7.49E-11	4.34E-11	4.28E-11	3.88E-11	1.77E-11	1.72E-11	0.00E+00	0.00E+00	7.98E-12	1.45E-12	9.22E-12	1.42E-12	1.33E-12	2.14E-11
5583	475935.73	3849165.89	7.31E-08	7.22E-08	7.01E-08	2.53E-11	7.64E-11	4.43E-11	4.37E-11	3.96E-11	1.81E-11	1.75E-11	0.00E+00	0.00E+00	8.14E-12	1.48E-12	9.41E-12	1.45E-12	1.36E-12	2.18E-11
5584	476027.71	3849180.27	7.43E-08	7.33E-08	7.12E-08	2.57E-11	7.77E-11	4.50E-11	4.44E-11	4.02E-11	1.84E-11	1.78E-11	0.00E+00	0.00E+00	8.27E-12	1.51E-12	9.56E-12	1.47E-12	1.38E-12	2.22E-11
5585	476119.68	3849194.64	7.35E-08	7.26E-08	7.05E-08	2.55E-11	7.68E-11	4.45E-11	4.39E-11	3.98E-11	1.82E-11	1.76E-11	0.00E+00	0.00E+00	8.18E-12	1.49E-12	9.46E-12	1.46E-12	1.37E-12	2.20E-11
5586	476211.65	3849209.01	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	0.00E+00	0.00E+00	8.20E-12	1.49E-12	9.47E-12	1.46E-12	1.37E-12	2.20E-11
5587	476497.81	3849283.9	7.52E-08	7.42E-08	7.21E-08	2.60E-11	7.86E-11	4.55E-11	4.49E-11	4.07E-11	1.86E-11	1.80E-11	0.00E+00	0.00E+00	8.37E-12	1.52E-12	9.67E-12	1.49E-12	1.40E-12	2.25E-11
5588	476603.73	3849323.77	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	0.00E+00	0.00E+00	8.49E-12	1.55E-12	9.81E-12	1.51E-12	1.42E-12	2.28E-11
5589	476728.99	3849382.76	7.74E-08	7.64E-08	7.42E-08	2.68E-11	8.09E-11	4.69E-11	4.62E-11	4.19E-11	1.91E-11	1.86E-11	0.00E+00	0.00E+00	8.62E-12	1.57E-12	9.96E-12	1.54E-12	1.44E-12	2.31E-11
5590	476801.27	3849418.65	7.82E-08	7.72E-08	7.50E-08	2.71E-11	8.17E-11	4.73E-11	4.67E-11	4.23E-11	1.93E-11	1.88E-11	0.00E+00	0.00E+00	8.71E-12	1.59E-12	1.01E-11	1.55E-12	1.45E-12	2.34E-11
5591	476956.2	3849495.05	7.98E-08	7.87E-08	7.65E-08	2.76E-11	8.34E-11	4.83E-11	4.76E-11	4.32E-11	1.97E-11	1.91E-11	0.00E+00	0.00E+00	8.88E-12	1.62E-12	1.03E-11	1.58E-12	1.48E-12	2.38E-11
5592	477038.84	3849535.56	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
5593	477121.49	3849576.08	8.11E-08	8.00E-08	7.77E-08	2.81E-11	8.47E-11	4.91E-11	4.84E-11	4.39E-11	2.00E-11	1.94E-11	0.00E+00	0.00E+00	9.02E-12	1.64E-12	1.04E-11	1.61E-12	1.51E-12	2.42E-11
5594	477204.13	3849616.6	8.15E-08	8.04E-08	7.81E-08	2.82E-11	8.51E-11	4.93E-11	4.86E-11	4.41E-11	2.01E-11	1.95E-11	0.00E+00	0.00E+00	9.07E-12	1.65E-12	1.05E-11	1.62E-12	1.51E-12	2.43E-11
5595	477286.78	3849657.12	8.11E-08	8.00E-08	7.77E-08	2.81E-11	8.47E-11	4.91E-11	4.84E-11	4.39E-11	2.00E-11	1.94E-11	0.00E+00	0.00E+00	9.02E-12	1.64E-12	1.04E-11	1.61E-12	1.51E-12	2.42E-11
5596	477369.42	3849697.63	8.29E-08	8.18E-08	7.94E-08	2.87E-11	8.66E-11	5.02E-11	4.95E-11	4.49E-11	2.05E-11	1.99E-11	0.00E+00	0.00E+00	9.23E-12	1.68E-12	1.07E-11	1.64E-12	1.54E-12	2.48E-11
5597	477452.07	3849738.15	8.34E-08	8.23E-08	7.99E-08	2.89E-11	8.72E-11	5.05E-11	4.98E-11	4.52E-11	2.06E-11	2.00E-11	0.00E+00	0.00E+00	9.29E-12	1.69E-12	1.07E-11	1.65E-12	1.55E-12	2.49E-11
5598	477534.71	3849778.67	8.47E-08	8.36E-08	8.12E-08	2.93E-11	8.85E-11	5.13E-11	5.06E-11	4.59E-11	2.09E-11	2.03E-11	0.00E+00	0.00E+00	9.43E-12	1.72E-12	1.09E-11	1.68E-12	1.57E-12	2.53E-11
5599	477617.36	3849819.18	8.52E-08	8.41E-08	8.17E-08	2.95E-11	8.91E-11	5.16E-11	5.09E-11	4.61E-11	2.11E-11	2.04E-11	0.00E+00	0.00E+00	9.49E-12	1.73E-12	1.10E-11	1.69E-12	1.58E-12	2.55E-11
5600	477824.74	3849896.37	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.68E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.60E-11
5601	477906.31	3849936.37	8.63E-08	8.52E-08	8.27E-08	2.99E-11	9.02E-11	5.22E-11	5.15E-11	4.67E-11	2.13E-11	2.07E-11	0.00E+00	0.00E+00	9.60E-12	1.75E-12	1.11E-11	1.71E-12	1.60E-12	2.58E-11
5602	477987.89	3849976.36	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.71E-12	1.77E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
5603	478069.47	3850016.36	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.69E-12	1.76E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
5604	478151.04	3850056.35	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.68E-12	1.76E-12	1.12E-11	1.72E-12	1.61E-12	2.60E-11
5605	478232.62	3850096.35	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
5606	478314.2	3850136.34	8.85E-08	8.73E-08	8.48E-08	3.06E-11	9.25E-11	5.35E-11	5.28E-11	4.79E-11	2.19E-11	2.12E-11	0.00E+00	0.00E+00	9.85E-12	1.79E-12	1.14E-11	1.76E-12	1.64E-12	2.64E-11
5607	478395.77	3850176.34	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	0.00E+00	0.00E+00	9.94E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.67E-11
5608	478575.43	3850244.45	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.69E-12	2.71E-11
5609	478665.06	3850287.29	9.19E-08	9.07E-08	8.81E-08	3.18E-11	9.60E-11	5.56E-11	5.49E-11	4.97E-11	2.27E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.71E-12	2.74E-11
5610	478754.69	3850330.14	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	0.00E+00	0.00E+00	1.04E-11	1.89E-12	1.20E-11	1.85E-12	1.73E-12	2.78E-11
5611	478844.32	3850372.99	9.43E-08	9.31E-08	9.04E-08	3.27E-11	9.86E-11	5.71E-11	5.63E-11	5.11E-11	2.33E-11	2.26E-11	0.00E+00	0.00E+00	1.05E-11	1.91E-12	1.21E-11	1.87E-12	1.75E-12	2.82E-11

5612	478933.95	3850415.84	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
5613	479023.58	3850458.68	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	0.00E+00	0.00E+00	1.07E-11	1.95E-12	1.24E-11	1.91E-12	1.79E-12	2.88E-11
5614	479110.66	3850441.91	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.92E-12	1.80E-12	2.90E-11
5615	479191.22	3850423.99	9.72E-08	9.59E-08	9.32E-08	3.37E-11	1.02E-10	5.88E-11	5.81E-11	5.26E-11	2.40E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.93E-12	1.81E-12	2.90E-11
5616	479274.32	3850465.71	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	0.00E+00	0.00E+00	1.09E-11	1.99E-12	1.26E-11	1.95E-12	1.82E-12	2.93E-11
5617	479357.43	3850507.42	9.86E-08	9.74E-08	9.45E-08	3.41E-11	1.03E-10	5.97E-11	5.89E-11	5.34E-11	2.44E-11	2.37E-11	0.00E+00	0.00E+00	1.10E-11	2.00E-12	1.27E-11	1.96E-12	1.83E-12	2.95E-11
5618	479440.53	3850549.14	9.90E-08	9.77E-08	9.49E-08	3.43E-11	1.04E-10	5.99E-11	5.91E-11	5.36E-11	2.45E-11	2.38E-11	0.00E+00	0.00E+00	1.10E-11	2.01E-12	1.27E-11	1.96E-12	1.84E-12	2.96E-11
5619	479523.64	3850590.85	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.98E-12	1.85E-12	2.98E-11
5620	479606.74	3850632.57	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	0.00E+00	0.00E+00	1.12E-11	2.04E-12	1.30E-11	2.00E-12	1.87E-12	3.01E-11
5621	479777.37	3850707.61	1.03E-07	1.01E-07	9.85E-08	3.56E-11	1.07E-10	6.22E-11	6.14E-11	5.57E-11	2.54E-11	2.47E-11	0.00E+00	0.00E+00	1.14E-11	2.08E-12	1.32E-11	2.04E-12	1.91E-12	3.07E-11
5622	479864.9	3850740.95	1.04E-07	1.03E-07	9.99E-08	3.61E-11	1.09E-10	6.31E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	0.00E+00	0.00E+00	1.16E-11	2.11E-12	1.34E-11	2.07E-12	1.94E-12	3.11E-11
5623	479931.87	3850829.57	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.34E-11	5.75E-11	2.62E-11	2.55E-11	0.00E+00	0.00E+00	1.18E-11	2.15E-12	1.37E-11	2.11E-12	1.97E-12	3.17E-11
5624	479995.55	3850926.75	1.09E-07	1.07E-07	1.04E-07	3.77E-11	1.14E-10	6.58E-11	6.50E-11	5.89E-11	2.69E-11	2.61E-11	0.00E+00	0.00E+00	1.21E-11	2.21E-12	1.40E-11	2.16E-12	2.02E-12	3.25E-11
5625	480079.78	3850968.64	1.11E-07	1.09E-07	1.06E-07	3.83E-11	1.16E-10	6.70E-11	6.61E-11	6.00E-11	2.74E-11	2.66E-11	0.00E+00	0.00E+00	1.23E-11	2.24E-12	1.42E-11	2.20E-12	2.06E-12	3.31E-11
5626	480164.01	3851010.54	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.74E-11	6.11E-11	2.79E-11	2.71E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.45E-11	2.24E-12	2.10E-12	3.37E-11
5627	480248.23	3851052.43	1.15E-07	1.13E-07	1.10E-07	3.98E-11	1.20E-10	6.95E-11	6.86E-11	6.22E-11	2.84E-11	2.76E-11	0.00E+00	0.00E+00	1.28E-11	2.33E-12	1.48E-11	2.28E-12	2.13E-12	3.43E-11
5628	480332.46	3851094.33	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.97E-11	6.32E-11	2.88E-11	2.80E-11	0.00E+00	0.00E+00	1.30E-11	2.37E-12	1.50E-11	2.32E-12	2.17E-12	3.49E-11
5629	480416.69	3851136.22	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.15E-11	7.06E-11	6.40E-11	2.92E-11	2.83E-11	0.00E+00	0.00E+00	1.32E-11	2.40E-12	1.52E-11	2.34E-12	2.19E-12	3.53E-11
5630	480579.95	3851215.17	1.22E-07	1.20E-07	1.16E-07	4.21E-11	1.27E-10	7.35E-11	7.26E-11	6.58E-11	3.00E-11	2.92E-11	0.00E+00	0.00E+00	1.35E-11	2.46E-12	1.56E-11	2.41E-12	2.26E-12	3.63E-11
5631	480658.98	3851252.22	1.23E-07	1.22E-07	1.18E-07	4.28E-11	1.29E-10	7.47E-11	7.37E-11	6.69E-11	3.05E-11	2.96E-11	0.00E+00	0.00E+00	1.37E-11	2.50E-12	1.59E-11	2.45E-12	2.29E-12	3.69E-11
5632	480817.36	3851327.85	1.28E-07	1.26E-07	1.22E-07	4.41E-11	1.33E-10	7.72E-11	7.62E-11	6.90E-11	3.15E-11	3.06E-11	0.00E+00	0.00E+00	1.42E-11	2.59E-12	1.64E-11	2.53E-12	2.37E-12	3.81E-11
5633	480896.72	3851366.43	1.30E-07	1.28E-07	1.24E-07	4.49E-11	1.35E-10	7.84E-11	7.74E-11	7.02E-11	3.20E-11	3.11E-11	0.00E+00	0.00E+00	1.44E-11	2.63E-12	1.67E-11	2.57E-12	2.41E-12	3.87E-11
5634	480976.07	3851405	1.32E-07	1.30E-07	1.26E-07	4.56E-11	1.38E-10	7.98E-11	7.87E-11	7.14E-11	3.26E-11	3.16E-11	0.00E+00	0.00E+00	1.47E-11	2.67E-12	1.70E-11	2.61E-12	2.45E-12	3.94E-11
5635	481178	3851487.31	1.38E-07	1.36E-07	1.32E-07	4.77E-11	1.44E-10	8.33E-11	8.22E-11	7.45E-11	3.40E-11	3.30E-11	0.00E+00	0.00E+00	1.53E-11	2.79E-12	1.77E-11	2.73E-12	2.56E-12	4.11E-11
5636	481244.9	3851557.17	1.40E-07	1.38E-07	1.34E-07	4.84E-11	1.46E-10	8.46E-11	8.35E-11	7.57E-11	3.45E-11	3.35E-11	0.00E+00	0.00E+00	1.56E-11	2.83E-12	1.80E-11	2.77E-12	2.60E-12	4.17E-11
5637	481311.81	3851627.03	1.42E-07	1.40E-07	1.36E-07	4.91E-11	1.48E-10	8.57E-11	8.46E-11	7.67E-11	3.50E-11	3.40E-11	0.00E+00	0.00E+00	1.58E-11	2.87E-12	1.82E-11	2.81E-12	2.63E-12	4.23E-11
5638	481378.71	3851696.89	1.44E-07	1.42E-07	1.38E-07	4.97E-11	1.50E-10	8.69E-11	8.57E-11	7.77E-11	3.55E-11	3.44E-11	0.00E+00	0.00E+00	1.60E-11	2.91E-12	1.85E-11	2.85E-12	2.67E-12	4.29E-11
5639	481445.61	3851766.76	1.46E-07	1.44E-07	1.40E-07	5.04E-11	1.52E-10	8.81E-11	8.70E-11	7.88E-11	3.60E-11	3.49E-11	0.00E+00	0.00E+00	1.62E-11	2.95E-12	1.87E-11	2.89E-12	2.70E-12	4.35E-11
5640	481512.51	3851836.62	1.47E-07	1.46E-07	1.41E-07	5.10E-11	1.54E-10	8.92E-11	8.80E-11	7.98E-11	3.64E-11	3.54E-11	0.00E+00	0.00E+00	1.64E-11	2.99E-12	1.90E-11	2.92E-12	2.74E-12	4.40E-11
5641	481579.42	3851906.48	1.49E-07	1.47E-07	1.43E-07	5.17E-11	1.56E-10	9.03E-11	8.91E-11	8.08E-11	3.69E-11	3.58E-11	0.00E+00	0.00E+00	1.66E-11	3.03E-12	1.92E-11	2.96E-12	2.77E-12	4.46E-11
5642	481646.32	3851976.34	1.51E-07	1.49E-07	1.45E-07	5.23E-11	1.58E-10	9.15E-11	9.03E-11	8.19E-11	3.74E-11	3.63E-11	0.00E+00	0.00E+00	1.68E-11	3.07E-12	1.94E-11	3.00E-12	2.81E-12	4.52E-11
5643	481713.22	3852046.2	1.53E-07	1.51E-07	1.46E-07	5.28E-11	1.60E-10	9.24E-11	9.12E-11	8.26E-11	3.77E-11	3.66E-11	0.00E+00	0.00E+00	1.70E-11	3.09E-12	1.96E-11	3.03E-12	2.84E-12	4.56E-11
5644	481780.12	3852116.06	1.55E-07	1.53E-07	1.49E-07	5.37E-11	1.62E-10	9.38E-11	9.26E-11	8.39E-11	3.83E-11	3.72E-11	0.00E+00	0.00E+00	1.73E-11	3.14E-12	1.99E-11	3.07E-12	2.88E-12	4.63E-11
5645	481847.03	3852185.92	1.58E-07	1.56E-07	1.51E-07	5.46E-11	1.65E-10	9.55E-11	9.43E-11	8.55E-11	3.90E-11	3.79E-11	0.00E+00	0.00E+00	1.76E-11	3.20E-12	2.03E-11	3.13E-12	2.93E-12	4.71E-11
5646	481913.93	3852255.78	1.61E-07	1.59E-07	1.54E-07	5.57E-11	1.68E-10	9.73E-11	9.61E-11	8.71E-11	3.97E-11	3.86E-11	0.00E+00	0.00E+00	1.79E-11	3.26E-12	2.07E-11	3.19E-12	2.99E-12	4.80E-11
5647	481980.83	3852325.65	1.64E-07	1.62E-07	1.57E-07	5.69E-11	1.72E-10	9.94E-11	9.81E-11	8.89E-11	4.06E-11	3.94E-11	0.00E+00	0.00E+00	1.83E-11	3.33E-12	2.11E-11	3.26E-12	3.05E-12	4.90E-11
5648	482047.73	3852395.51	1.67E-07	1.65E-07	1.60E-07	5.78E-11	1.75E-10	1.01E-10	9.97E-11	9.04E-11	4.12E-11	4.00E-11	0.00E+00	0.00E+00	1.86E-11	3.38E-12	2.15E-11	3.31E-12	3.10E-12	4.99E-11
5649	482114.64	3852465.37	1.70E-07	1.68E-07	1.63E-07	5.89E-11	1.78E-10	1.03E-10	1.02E-10	9.21E-11	4.20E-11	4.08E-11	0.00E+00	0.00E+00	1.89E-11	3.45E-12	2.19E-11	3.38E-12	3.16E-12	5.08E-11
5650	482181.54	3852535.23	1.73E-07	1.70E-07	1.66E-07	5.98E-11	1.80E-10	1.04E-10	1.03E-10	9.35E-11	4.27E-11	4.14E-11	0.00E+00	0.00E+00	1.92E-11	3.50E-12	2.22E-11	3.43E-12	3.21E-12	5.16E-11
5651	482338.69	3852700.05	1.79E-07	1.77E-07	1.72E-07	6.21E-11	1.87E-10	1.09E-10	1.07E-10	9.71E-11	4.43E-11	4.30E-11	0.00E+00	0.00E+00	2.00E-11	3.63E-12	2.31E-11	3.56E-12	3.33E-12	5.35E-11
5652	482404.05	3852767.78	1.82E-07	1.80E-07	1.75E-07	6.31E-11	1.90E-10	1.10E-10	1.09E-10	9.86E-11	4.50E-11	4.37E-11	0.00E+00	0.00E+00	2.03E-11	3.69E-12	2.34E-11	3.61E-12	3.38E-12	5.44E-11
5653	482469.4	3852835.52	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	0.00E+00	0.00E+00	2.06E-11	3.75E-12	2.38E-11	3.67E-12	3.44E-12	5.53E-11
5654	482534.75	3852903.25	1.88E-07	1.85E-07	1.80E-07	6.50E-11	1.96E-10	1.14E-10	1.12E-10	1.02E-10	4.64E-11	4.50E-11	0.00E+00	0.00E+00	2.09E-11	3.80E-12	2.41E-11	3.72E-12	3.49E-12	5.60E-11
5655	482600.11	3852970.99	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.57E-11	0.00E+00	0.00E+00	2.12E-11	3.86E-12	2.45E-11	3.78E-12	3.54E-12	5.69E-11
5656	482706.71	3853119.28	1.95E-07	1.93E-07	1.87E-07	6.76E-11	2.04E-10	1.18E-10	1.17E-10	1.06E-10	4.82E-11	4.68E-11	0.00E+00	0.00E+00	2.17E-11	3.96E-12	2.51E-11	3.87E-12	3.63E-12	5.83E-11
5657	482747.96	3853199.84	1.98E-07	1.95E-07	1.90E-07	6.85E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.74E-11	0.00E+00	0.00E+00	2.20E-11	4.01E-12	2.54E-11	3.92E-12	3.67E-12	5.91E-11
5658	482789.21	3853280.4	2.01E-07	1.98E-07	1.93E-07	6.96E-11	2.10E-10	1.22E-10	1.20E-10	1.09E-10	4.96E-11	4.82E-11	0.00E+00	0.00E+00	2.24E-11	4.07E-12	2.58E-11	3.99E-12	3.73E-12	6.00E-11
5659	482830.46	3853360.96	2.04E-07	2.01E-07	1.95E-07	7.06E-11	2.13E-10	1.23E-10	1.22E-10	1.10E-10	5.04E-11	4.89E-11	0.00E+00	0.00E+00	2.27E-11	4.13E-12	2.62E-11	4.04E-12	3.79E-12	6.09E-11
5660	482871.71	3853441.52	2.07E-07	2.04E-07	1.98E-07	7.17E-11	2.16E-10	1.25E-10	1.24E-10	1.12E-10	5.11E-11	4.97E-11	0.00E+00	0.00E+00	2.30E-11	4.20E-12	2.66E-11	4.11E-12	3.85E-12	6.18E-11
5661	482912.95	3853522.07	2.09E-07	2.07E-07	2.01E-07	7.25E-11	2.19E-10	1.27E-10	1.25E-10	1.13E-10	5.17E-11	5.02E-11	0.00E+00	0.00E+00	2.33E-11	4.24E-12	2.69E-11	4.15E-12	3.89E-12	6.25E-11
5662	482954.2	3853602.63	2.12E-07	2.09E-07	2.03E-07	7.34E-11	2.22E-10	1.28E-10	1.27E-10	1.15E-10	5.24E-11	5.08E-11	0.00E+00	0.00E+00	2.36E-11	4.30E-12	2.73E-11	4.20E-12	3.94E-12	6.33E-11
5663	482995.45	3853683.19	2.15E-07	2.12E-07	2.06E-07	7.44E-11	2.25E-10	1.30E-10	1.28E-10	1.16E-10	5.31E-11	5.15E-11	0.00E+00	0.00E+00	2.39E-11	4.36E-12	2.76E-11	4.26E-12	3.99E-12	6.42E-11
5664	483036.7	3853763.75	2.18E-07	2.15E-07	2.09E-07	7.55E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.39E-11	5.23E-11	0.00E+00	0.00E+00	2.43E-11	4.42E-12	2.81E-11	4.33E-12	4.05E-12	6.51E-11

5665	483214.2	3853909.91	2.22E-07	2.19E-07	2.13E-07	7.69E-11	2.32E-10	1.34E-10	1.33E-10	1.20E-10	5.48E-11	5.33E-11	0.00E+00	0.00E+00	2.47E-11	4.50E-12	2.86E-11	4.40E-12	4.12E-12	6.63E-11
5666	483307.01	3853910.44	2.24E-07	2.21E-07	2.15E-07	7.77E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.54E-11	5.38E-11	0.00E+00	0.00E+00	2.50E-11	4.55E-12	2.89E-11	4.45E-12	4.17E-12	6.70E-11
5667	483399.83	3853910.96	2.27E-07	2.24E-07	2.17E-07	7.84E-11	2.37E-10	1.37E-10	1.35E-10	1.23E-10	5.60E-11	5.43E-11	0.00E+00	0.00E+00	2.52E-11	4.59E-12	2.91E-11	4.49E-12	4.21E-12	6.77E-11
5668	483494.52	3854009.24	2.33E-07	2.30E-07	2.24E-07	8.08E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.60E-11	0.00E+00	0.00E+00	2.60E-11	4.73E-12	3.00E-11	4.63E-12	4.33E-12	6.97E-11
5669	483496.41	3854106.98	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	0.00E+00	0.00E+00	2.65E-11	4.82E-12	3.06E-11	4.72E-12	4.42E-12	7.10E-11
5670	483577.56	3854261.96	2.43E-07	2.40E-07	2.33E-07	8.43E-11	2.54E-10	1.47E-10	1.45E-10	1.32E-10	6.01E-11	5.84E-11	0.00E+00	0.00E+00	2.71E-11	4.94E-12	3.13E-11	4.83E-12	4.52E-12	7.27E-11
5671	483656.83	3854319.19	2.45E-07	2.41E-07	2.34E-07	8.46E-11	2.56E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.87E-11	0.00E+00	0.00E+00	2.72E-11	4.96E-12	3.15E-11	4.85E-12	4.54E-12	7.30E-11
5672	483736.1	3854376.41	2.44E-07	2.41E-07	2.34E-07	8.46E-11	2.55E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.86E-11	0.00E+00	0.00E+00	2.72E-11	4.95E-12	3.14E-11	4.85E-12	4.54E-12	7.30E-11
5673	483815.37	3854433.64	2.43E-07	2.40E-07	2.33E-07	8.43E-11	2.54E-10	1.47E-10	1.45E-10	1.32E-10	6.01E-11	5.84E-11	0.00E+00	0.00E+00	2.71E-11	4.94E-12	3.13E-11	4.83E-12	4.52E-12	7.27E-11
5674	483894.63	3854490.87	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.98E-11	5.80E-11	0.00E+00	0.00E+00	2.69E-11	4.90E-12	3.11E-11	4.80E-12	4.49E-12	7.22E-11
5675	483973.9	3854548.1	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	0.00E+00	0.00E+00	2.67E-11	4.87E-12	3.09E-11	4.76E-12	4.46E-12	7.17E-11
5676	484053.17	3854605.32	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.45E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	0.00E+00	0.00E+00	2.68E-11	4.87E-12	3.09E-11	4.77E-12	4.46E-12	7.18E-11
5677	484214.97	3854698.15	2.45E-07	2.41E-07	2.34E-07	8.46E-11	2.56E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.87E-11	0.00E+00	0.00E+00	2.72E-11	4.96E-12	3.15E-11	4.85E-12	4.54E-12	7.30E-11
5678	484297.5	3854733.74	2.51E-07	2.48E-07	2.41E-07	8.70E-11	2.63E-10	1.52E-10	1.50E-10	1.36E-10	6.21E-11	6.03E-11	0.00E+00	0.00E+00	2.80E-11	5.10E-12	3.23E-11	4.99E-12	4.67E-12	7.51E-11
5679	484380.03	3854769.34	2.55E-07	2.51E-07	2.44E-07	8.81E-11	2.66E-10	1.54E-10	1.52E-10	1.38E-10	6.29E-11	6.11E-11	0.00E+00	0.00E+00	2.83E-11	5.16E-12	3.27E-11	5.05E-12	4.73E-12	7.60E-11
5680	484462.56	3854804.94	2.61E-07	2.58E-07	2.51E-07	9.05E-11	2.73E-10	1.58E-10	1.56E-10	1.42E-10	6.46E-11	6.27E-11	0.00E+00	0.00E+00	2.91E-11	5.30E-12	3.36E-11	5.19E-12	4.86E-12	7.81E-11
5681	484545.09	3854840.53	2.65E-07	2.61E-07	2.54E-07	9.16E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.53E-11	6.35E-11	0.00E+00	0.00E+00	2.94E-11	5.36E-12	3.40E-11	5.25E-12	4.91E-12	7.90E-11
5682	484691.88	3854912.59	2.85E-07	2.81E-07	2.73E-07	9.86E-11	2.98E-10	1.72E-10	1.70E-10	1.54E-10	7.03E-11	6.83E-11	0.00E+00	0.00E+00	3.17E-11	5.77E-12	3.66E-11	5.65E-12	5.29E-12	8.50E-11
5683	484830.81	3855012.51	3.08E-07	3.04E-07	2.95E-07	1.06E-10	3.22E-10	1.86E-10	1.84E-10	1.67E-10	7.60E-11	7.38E-11	0.00E+00	0.00E+00	3.42E-11	6.24E-12	3.96E-11	6.10E-12	5.71E-12	9.19E-11
5684	484905.48	3855075.97	3.26E-07	3.22E-07	3.12E-07	1.13E-10	3.41E-10	1.97E-10	1.95E-10	1.76E-10	8.05E-11	7.82E-11	0.00E+00	0.00E+00	3.63E-11	6.61E-12	4.19E-11	6.46E-12	6.05E-12	9.73E-11
5685	484980.14	3855139.44	3.41E-07	3.37E-07	3.27E-07	1.18E-10	3.56E-10	2.06E-10	2.04E-10	1.85E-10	8.42E-11	8.18E-11	0.00E+00	0.00E+00	3.80E-11	6.91E-12	4.39E-11	6.76E-12	6.33E-12	1.02E-10
5686	485054.81	3855202.91	3.53E-07	3.48E-07	3.38E-07	1.22E-10	3.69E-10	2.13E-10	2.11E-10	1.91E-10	8.71E-11	8.46E-11	0.00E+00	0.00E+00	3.93E-11	7.15E-12	4.54E-11	7.00E-12	6.55E-12	1.05E-10
5687	485129.48	3855266.37	3.59E-07	3.54E-07	3.44E-07	1.24E-10	3.75E-10	2.17E-10	2.14E-10	1.94E-10	8.87E-11	8.61E-11	0.00E+00	0.00E+00	4.00E-11	7.28E-12	4.62E-11	7.12E-12	6.67E-12	1.07E-10
5688	485204.15	3855329.84	3.77E-07	3.72E-07	3.61E-07	1.31E-10	3.94E-10	2.28E-10	2.25E-10	2.04E-10	9.31E-11	9.04E-11	0.00E+00	0.00E+00	4.20E-11	7.64E-12	4.85E-11	7.48E-12	7.00E-12	1.13E-10
5689	485278.82	3855393.31	3.89E-07	3.84E-07	3.73E-07	1.35E-10	4.07E-10	2.36E-10	2.32E-10	2.11E-10	9.61E-11	9.34E-11	0.00E+00	0.00E+00	4.33E-11	7.89E-12	5.01E-11	7.72E-12	7.23E-12	1.16E-10
5690	485353.48	3855456.77	4.05E-07	4.00E-07	3.89E-07	1.40E-10	4.24E-10	2.45E-10	2.42E-10	2.19E-10	1.00E-10	9.72E-11	0.00E+00	0.00E+00	4.51E-11	8.22E-12	5.21E-11	8.04E-12	7.53E-12	1.21E-10
5691	485428.15	3855520.24	4.18E-07	4.13E-07	4.01E-07	1.45E-10	4.37E-10	2.53E-10	2.50E-10	2.26E-10	1.03E-10	1.00E-10	0.00E+00	0.00E+00	4.66E-11	8.48E-12	5.38E-11	8.30E-12	7.77E-12	1.25E-10
5692	485502.82	3855583.71	4.33E-07	4.27E-07	4.15E-07	1.50E-10	4.53E-10	2.62E-10	2.59E-10	2.34E-10	1.07E-10	1.04E-10	0.00E+00	0.00E+00	4.82E-11	8.78E-12	5.57E-11	8.59E-12	8.04E-12	1.29E-10
5693	485577.49	3855647.17	4.54E-07	4.48E-07	4.35E-07	1.57E-10	4.75E-10	2.75E-10	2.71E-10	2.46E-10	1.12E-10	1.09E-10	0.00E+00	0.00E+00	5.06E-11	9.21E-12	5.84E-11	9.01E-12	8.44E-12	1.36E-10
5694	485652.16	3855710.64	4.76E-07	4.70E-07	4.56E-07	1.65E-10	4.98E-10	2.88E-10	2.84E-10	2.58E-10	1.18E-10	1.14E-10	0.00E+00	0.00E+00	5.30E-11	9.65E-12	6.12E-11	9.44E-12	8.84E-12	1.42E-10
5695	485726.83	3855774.11	4.93E-07	4.87E-07	4.73E-07	1.71E-10	5.16E-10	2.98E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	0.00E+00	0.00E+00	5.49E-11	1.00E-11	6.34E-11	9.78E-12	9.16E-12	1.47E-10
5696	485801.49	3855837.57	5.08E-07	5.01E-07	4.87E-07	1.76E-10	5.31E-10	3.07E-10	3.03E-10	2.75E-10	1.25E-10	1.22E-10	0.00E+00	0.00E+00	5.65E-11	1.03E-11	6.53E-11	1.01E-11	9.43E-12	1.52E-10
5697	485876.16	3855901.04	5.26E-07	5.19E-07	5.04E-07	1.82E-10	5.50E-10	3.18E-10	3.14E-10	2.85E-10	1.30E-10	1.26E-10	0.00E+00	0.00E+00	5.86E-11	1.07E-11	6.77E-11	1.04E-11	9.77E-12	1.57E-10
5698	485950.83	3855964.5	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.67E-10	3.29E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	0.00E+00	0.00E+00	6.04E-11	1.10E-11	6.98E-11	1.08E-11	1.01E-11	1.62E-10
5699	486025.5	3856027.97	5.56E-07	5.49E-07	5.33E-07	1.92E-10	5.81E-10	3.36E-10	3.32E-10	3.01E-10	1.37E-10	1.33E-10	0.00E+00	0.00E+00	6.19E-11	1.13E-11	7.15E-11	1.10E-11	1.03E-11	1.66E-10
5700	486100.17	3856091.44	5.89E-07	5.81E-07	5.64E-07	2.04E-10	6.15E-10	3.56E-10	3.52E-10	3.19E-10	1.45E-10	1.41E-10	0.00E+00	0.00E+00	6.55E-11	1.19E-11	7.57E-11	1.17E-11	1.09E-11	1.76E-10
5701	486174.83	3856154.9	6.01E-07	5.93E-07	5.76E-07	2.08E-10	6.28E-10	3.64E-10	3.59E-10	3.25E-10	1.48E-10	1.44E-10	0.00E+00	0.00E+00	6.69E-11	1.22E-11	7.73E-11	1.19E-11	1.12E-11	1.79E-10
5702	486249.5	3856218.37	5.99E-07	5.91E-07	5.74E-07	2.07E-10	6.26E-10	3.62E-10	3.58E-10	3.24E-10	1.48E-10	1.44E-10	0.00E+00	0.00E+00	6.67E-11	1.21E-11	7.70E-11	1.19E-11	1.11E-11	1.79E-10
5703	486324.17	3856281.84	6.00E-07	5.92E-07	5.75E-07	2.08E-10	6.27E-10	3.63E-10	3.58E-10	3.25E-10	1.48E-10	1.44E-10	0.00E+00	0.00E+00	6.68E-11	1.22E-11	7.72E-11	1.19E-11	1.11E-11	1.79E-10
5704	486398.84	3856345.3	6.29E-07	6.21E-07	6.03E-07	2.18E-10	6.58E-10	3.81E-10	3.76E-10	3.41E-10	1.55E-10	1.51E-10	0.00E+00	0.00E+00	7.01E-11	1.28E-11	8.10E-11	1.25E-11	1.17E-11	1.88E-10
5705	486473.51	3856408.77	6.53E-07	6.45E-07	6.26E-07	2.26E-10	6.83E-10	3.95E-10	3.90E-10	3.54E-10	1.61E-10	1.57E-10	0.00E+00	0.00E+00	7.27E-11	1.32E-11	8.40E-11	1.30E-11	1.21E-11	1.95E-10
5706	486548.17	3856472.24	6.89E-07	6.80E-07	6.60E-07	2.38E-10	7.20E-10	4.17E-10	4.11E-10	3.73E-10	1.70E-10	1.65E-10	0.00E+00	0.00E+00	7.67E-11	1.40E-11	8.86E-11	1.37E-11	1.28E-11	2.06E-10
5707	486622.84	3856535.7	7.29E-07	7.19E-07	6.98E-07	2.52E-10	7.62E-10	4.41E-10	4.35E-10	3.95E-10	1.80E-10	1.75E-10	0.00E+00	0.00E+00	8.11E-11	1.48E-11	9.37E-11	1.45E-11	1.35E-11	2.18E-10
5708	486765.48	3856659.69	8.24E-07	8.13E-07	7.90E-07	2.85E-10	8.61E-10	4.99E-10	4.92E-10	4.46E-10	2.04E-10	1.98E-10	0.00E+00	0.00E+00	9.17E-11	1.67E-11	1.06E-10	1.63E-11	1.53E-11	2.46E-10
5709	486833.44	3856720.2	8.71E-07	8.59E-07	8.35E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	0.00E+00	0.00E+00	9.69E-11	1.76E-11	1.12E-10	1.73E-11	1.62E-11	2.60E-10
5710	486901.41	3856780.72	9.28E-07	9.15E-07	8.89E-07	3.21E-10	9.70E-10	5.61E-10	5.54E-10	5.02E-10	2.29E-10	2.22E-10	0.00E+00	0.00E+00	1.03E-10	1.88E-11	1.19E-10	1.84E-11	1.72E-11	2.77E-10
5711	486969.38	3856841.24	9.86E-07	9.73E-07	9.45E-07	3.41E-10	1.03E-09	5.96E-10	5.89E-10	5.33E-10	2.43E-10	2.36E-10	0.00E+00	0.00E+00	1.10E-10	2.00E-11	1.27E-10	1.95E-11	1.83E-11	2.94E-10
5712	487037.34	3856901.75	1.05E-06	1.03E-06	1.00E-06	3.63E-10	1.10E-09	6.34E-10	6.26E-10	5.67E-10	2.59E-10	2.51E-10	0.00E+00	0.00E+00	1.17E-10	2.12E-11	1.35E-10	2.08E-11	1.95E-11	3.13E-10
5713	487271.23	3856855.51	1.12E-06	1.10E-06	1.07E-06	3.86E-10	1.17E-09	6.75E-10	6.66E-10	6.04E-10	2.75E-10	2.67E-10	0.00E+00	0.00E+00	1.24E-10	2.26E-11	1.43E-10	2.21E-11	2.07E-11	3.33E-10
5714	487368.96	3856857.29	1.12E-06	1.10E-06	1.07E-06	3.86E-10	1.17E-09	6.75E-10	6.66E-10	6.04E-10	2.76E-10	2.68E-10	0.00E+00	0.00E+00	1.24E-10	2.26E-11	1.44E-10	2.21E-11	2.07E-11	3.33E-10
5715	487466.68	3856859.06	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	0.00E+00	0.00E+00	1.25E-10	2.28E-11	1.45E-10	2.23E-11	2.09E-11	3.36E-10
5716	487636.44	3856930	1.22E-06	1.21E-06	1.17E-06	4.23E-10	1.28E-09	7.40E-10	7.30E-10	6.62E-10	3.02E-10	2.93E-10	0.00E+00	0.00E+00	1.36E-10	2.48E-11	1.57E-10	2.43E-11	2.27E-11	3.65E-10
5717	487709.57	3856928.43	1.25E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.54E-10	7.44E-10	6.75E-10	3.08E-10	2.99E-10	0.00E+00	0.00E+00	1.39E-10	2.53E-11	1.60E-10	2.47E-11	2.31E-11	3.72E-10

5718	487782.55	3856841.96	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.52E-10
5719	487849.83	3856754.74	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.78E-10	6.69E-10	6.07E-10	2.77E-10	2.69E-10	0.00E+00	0.00E+00	1.25E-10	2.27E-11	1.44E-10	2.22E-11	2.08E-11	3.35E-10
5720	487918.03	3856819.39	1.21E-06	1.19E-06	1.16E-06	4.17E-10	1.26E-09	7.29E-10	7.20E-10	6.52E-10	2.98E-10	2.89E-10	0.00E+00	0.00E+00	1.34E-10	2.44E-11	1.55E-10	2.39E-11	2.24E-11	3.60E-10
5721	487918.8	3856886.37	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.70E-10	7.60E-10	6.89E-10	3.14E-10	3.05E-10	0.00E+00	0.00E+00	1.42E-10	2.58E-11	1.64E-10	2.52E-11	2.36E-11	3.80E-10
5722	488065.47	3857127.51	1.60E-06	1.58E-06	1.53E-06	5.54E-10	1.67E-09	9.69E-10	9.56E-10	8.67E-10	3.96E-10	3.84E-10	0.00E+00	0.00E+00	1.78E-10	3.25E-11	2.06E-10	3.18E-11	2.97E-11	4.78E-10
5723	488192.19	3857385.84	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
5724	488191.22	3857473.87	2.48E-06	2.44E-06	2.37E-06	8.57E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.12E-10	5.94E-10	0.00E+00	0.00E+00	2.76E-10	5.02E-11	3.19E-10	4.91E-11	4.60E-11	7.40E-10
5725	488190.24	3857561.91	2.85E-06	2.81E-06	2.73E-06	9.85E-10	2.97E-09	1.72E-09	1.70E-09	1.54E-09	7.03E-10	6.83E-10	0.00E+00	0.00E+00	3.17E-10	5.77E-11	3.66E-10	5.64E-11	5.28E-11	8.50E-10
5726	488158.35	3857691.13	3.61E-06	3.57E-06	3.46E-06	1.25E-09	3.78E-09	2.19E-09	2.16E-09	1.96E-09	8.92E-10	8.67E-10	0.00E+00	0.00E+00	4.02E-10	7.32E-11	4.65E-10	7.17E-11	6.71E-11	1.08E-09
5727	488208.37	3857816.66	5.07E-06	5.00E-06	4.86E-06	1.75E-09	5.30E-09	3.07E-09	3.03E-09	2.74E-09	1.25E-09	1.22E-09	0.00E+00	0.00E+00	5.64E-10	1.03E-10	6.52E-10	1.01E-10	9.41E-11	1.51E-09
5728	488271.97	3857874.6	6.30E-06	6.22E-06	6.04E-06	2.18E-09	6.58E-09	3.81E-09	3.76E-09	3.41E-09	1.56E-09	1.51E-09	0.00E+00	0.00E+00	7.01E-10	1.28E-10	8.10E-10	1.25E-10	1.17E-10	1.88E-09
5729	488463.56	3857942.31	1.00E-05	9.90E-06	9.61E-06	3.47E-09	1.05E-08	6.07E-09	5.99E-09	5.43E-09	2.48E-09	2.41E-09	0.00E+00	0.00E+00	1.12E-09	2.03E-10	1.29E-09	1.99E-10	1.86E-10	3.00E-09
5730	488554.83	3857940.83	1.09E-05	1.08E-05	1.05E-05	3.78E-09	1.14E-08	6.61E-09	6.52E-09	5.91E-09	2.70E-09	2.62E-09	0.00E+00	0.00E+00	1.22E-09	2.21E-10	1.40E-09	2.17E-10	2.03E-10	3.26E-09
5731	488646.1	3857939.36	1.13E-05	1.12E-05	1.09E-05	3.92E-09	1.18E-08	6.85E-09	6.76E-09	6.13E-09	2.80E-09	2.72E-09	0.00E+00	0.00E+00	1.26E-09	2.30E-10	1.46E-09	2.25E-10	2.10E-10	3.38E-09
5732	488737.37	3857937.88	1.13E-05	1.12E-05	1.09E-05	3.93E-09	1.19E-08	6.86E-09	6.77E-09	6.14E-09	2.80E-09	2.72E-09	0.00E+00	0.00E+00	1.26E-09	2.30E-10	1.46E-09	2.25E-10	2.11E-10	3.39E-09
5733	488733.59	3857960.57	1.29E-05	1.27E-05	1.24E-05	4.47E-09	1.35E-08	7.81E-09	7.71E-09	6.99E-09	3.19E-09	3.10E-09	0.00E+00	0.00E+00	1.44E-09	2.62E-10	1.66E-09	2.56E-10	2.40E-10	3.86E-09
5734	488638.09	3857961.57	1.32E-05	1.30E-05	1.26E-05	4.57E-09	1.38E-08	7.99E-09	7.88E-09	7.14E-09	3.26E-09	3.17E-09	0.00E+00	0.00E+00	1.47E-09	2.68E-10	1.70E-09	2.62E-10	2.45E-10	3.94E-09
5735	488542.6	3857962.56	1.30E-05	1.28E-05	1.25E-05	4.50E-09	1.36E-08	7.87E-09	7.77E-09	7.04E-09	3.21E-09	3.12E-09	0.00E+00	0.00E+00	1.45E-09	2.64E-10	1.67E-09	2.58E-10	2.42E-10	3.89E-09
5736	488447.1	3857963.56	1.19E-05	1.18E-05	1.14E-05	4.13E-09	1.25E-08	7.22E-09	7.12E-09	6.46E-09	2.95E-09	2.86E-09	0.00E+00	0.00E+00	1.33E-09	2.42E-10	1.53E-09	2.37E-10	2.22E-10	3.56E-09
5737	488254.28	3857890.36	6.77E-06	6.68E-06	6.49E-06	2.34E-09	7.08E-09	4.10E-09	4.04E-09	3.67E-09	1.67E-09	1.62E-09	0.00E+00	0.00E+00	7.54E-10	1.37E-10	8.71E-10	1.34E-10	1.26E-10	2.02E-09
5738	488191.69	3857833.06	5.35E-06	5.28E-06	5.13E-06	1.85E-09	5.59E-09	3.24E-09	3.20E-09	2.90E-09	1.32E-09	1.28E-09	0.00E+00	0.00E+00	5.96E-10	1.08E-10	6.88E-10	1.06E-10	9.94E-11	1.60E-09
5739	488129.5	3857907.43	7.07E-06	6.98E-06	6.78E-06	2.45E-09	7.39E-09	4.28E-09	4.22E-09	3.83E-09	1.75E-09	1.70E-09	0.00E+00	0.00E+00	7.87E-10	1.43E-10	9.10E-10	1.40E-10	1.31E-10	2.11E-09
5740	488196.47	3857968.74	1.08E-05	1.06E-05	1.03E-05	3.73E-09	1.12E-08	6.51E-09	6.43E-09	5.83E-09	2.66E-09	2.58E-09	0.00E+00	0.00E+00	1.20E-09	2.18E-10	1.38E-09	2.13E-10	2.00E-10	3.21E-09
5741	488263.44	3858030.04	2.42E-05	2.39E-05	2.32E-05	8.38E-09	2.53E-08	1.47E-08	1.45E-08	1.31E-08	5.98E-09	5.81E-09	0.00E+00	0.00E+00	2.70E-09	4.91E-10	3.12E-09	4.80E-10	4.50E-10	7.23E-09
5742	488400.64	3858132.9	1.30E-04	1.29E-04	1.25E-04	4.52E-08	1.36E-07	7.89E-08	7.79E-08	7.06E-08	3.22E-08	3.13E-08	0.00E+00	0.00E+00	1.45E-08	2.64E-09	1.68E-08	2.59E-09	2.42E-09	3.90E-08
5743	488519.89	3858218.38	9.89E-05	9.76E-05	9.48E-05	3.42E-08	1.03E-07	5.98E-08	5.91E-08	5.35E-08	2.44E-08	2.37E-08	0.00E+00	0.00E+00	1.10E-08	2.00E-09	1.27E-08	1.96E-09	1.84E-09	2.95E-08
5744	488647.97	3858214.99	5.02E-05	4.95E-05	4.81E-05	1.74E-08	5.25E-08	3.04E-08	3.00E-08	2.72E-08	1.24E-08	1.20E-08	0.00E+00	0.00E+00	5.59E-09	1.02E-09	6.45E-09	9.95E-10	9.32E-10	1.50E-08
5745	488727.05	3858167.67	3.39E-05	3.35E-05	3.25E-05	1.17E-08	3.55E-08	2.05E-08	2.03E-08	1.84E-08	8.38E-09	8.14E-09	0.00E+00	0.00E+00	3.78E-09	6.88E-10	4.37E-09	6.73E-10	6.30E-10	1.01E-08
5746	488806.12	3858120.35	2.49E-05	2.46E-05	2.39E-05	8.62E-09	2.60E-08	1.51E-08	1.49E-08	1.35E-08	6.15E-09	5.98E-09	0.00E+00	0.00E+00	2.77E-09	5.05E-10	3.20E-09	4.94E-10	4.63E-10	7.44E-09
5747	488885.2	3858073.03	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.04E-08	4.72E-09	4.59E-09	0.00E+00	0.00E+00	2.13E-09	3.88E-10	2.46E-09	3.79E-10	3.55E-10	5.71E-09
5748	489055.76	3857991.18	1.30E-05	1.28E-05	1.24E-05	4.48E-09	1.35E-08	7.84E-09	7.74E-09	7.01E-09	3.20E-09	3.11E-09	0.00E+00	0.00E+00	1.44E-09	2.63E-10	1.67E-09	2.57E-10	2.41E-10	3.87E-09
5749	489245.39	3857944.55	1.06E-05	1.05E-05	1.02E-05	3.67E-09	1.11E-08	6.41E-09	6.33E-09	5.74E-09	2.62E-09	2.54E-09	0.00E+00	0.00E+00	1.18E-09	2.15E-10	1.36E-09	2.10E-10	1.97E-10	3.16E-09
5750	489430.63	3857930.91	9.97E-06	9.84E-06	9.56E-06	3.45E-09	1.04E-08	6.03E-09	5.96E-09	5.40E-09	2.46E-09	2.39E-09	0.00E+00	0.00E+00	1.11E-09	2.02E-10	1.28E-09	1.98E-10	1.85E-10	2.98E-09
5751	489517.74	3857929.36	9.90E-06	9.77E-06	9.48E-06	3.43E-09	1.03E-08	5.99E-09	5.91E-09	5.36E-09	2.44E-09	2.37E-09	0.00E+00	0.00E+00	1.10E-09	2.01E-10	1.27E-09	1.96E-10	1.84E-10	2.95E-09
5752	489604.86	3857927.82	9.81E-06	9.68E-06	9.40E-06	3.40E-09	1.03E-08	5.94E-09	5.86E-09	5.31E-09	2.42E-09	2.35E-09	0.00E+00	0.00E+00	1.09E-09	1.99E-10	1.26E-09	1.95E-10	1.82E-10	2.93E-09
5753	489691.97	3857926.28	9.80E-06	9.67E-06	9.39E-06	3.39E-09	1.02E-08	5.93E-09	5.85E-09	5.30E-09	2.42E-09	2.35E-09	0.00E+00	0.00E+00	1.09E-09	1.99E-10	1.26E-09	1.94E-10	1.82E-10	2.93E-09
5754	489779.08	3857924.73	9.84E-06	9.72E-06	9.44E-06	3.41E-09	1.03E-08	5.96E-09	5.88E-09	5.33E-09	2.43E-09	2.36E-09	0.00E+00	0.00E+00	1.10E-09	2.00E-10	1.27E-09	1.95E-10	1.83E-10	2.94E-09
5755	490017.55	3857875.09	8.99E-06	8.87E-06	8.62E-06	3.11E-09	9.40E-09	5.44E-09	5.37E-09	4.87E-09	2.22E-09	2.16E-09	0.00E+00	0.00E+00	1.00E-09	1.82E-10	1.16E-09	1.78E-10	1.67E-10	2.69E-09
5756	490033.82	3857960.81	1.12E-05	1.11E-05	1.08E-05	3.89E-09	1.17E-08	6.79E-09	6.70E-09	6.08E-09	2.77E-09	2.69E-09	0.00E+00	0.00E+00	1.25E-09	2.28E-10	1.44E-09	2.23E-10	2.09E-10	3.35E-09
5757	489959.15	3857987.49	1.19E-05	1.18E-05	1.14E-05	4.13E-09	1.25E-08	7.21E-09	7.12E-09	6.45E-09	2.95E-09	2.86E-09	0.00E+00	0.00E+00	1.33E-09	2.42E-10	1.53E-09	2.36E-10	2.21E-10	3.56E-09
5758	489791.49	3858016.12	1.25E-05	1.23E-05	1.19E-05	4.31E-09	1.30E-08	7.54E-09	7.44E-09	6.75E-09	3.08E-09	2.99E-09	0.00E+00	0.00E+00	1.39E-09	2.53E-10	1.60E-09	2.47E-10	2.31E-10	3.72E-09
5759	489698.51	3858018.07	1.24E-05	1.22E-05	1.19E-05	4.29E-09	1.30E-08	7.51E-09	7.41E-09	6.72E-09	3.06E-09	2.98E-09	0.00E+00	0.00E+00	1.38E-09	2.51E-10	1.60E-09	2.46E-10	2.30E-10	3.70E-09
5760	489605.52	3858020.02	1.24E-05	1.22E-05	1.19E-05	4.29E-09	1.30E-08	7.51E-09	7.41E-09	6.72E-09	3.06E-09	2.98E-09	0.00E+00	0.00E+00	1.38E-09	2.51E-10	1.60E-09	2.46E-10	2.30E-10	3.70E-09
5761	489512.53	3858021.96	1.25E-05	1.24E-05	1.20E-05	4.34E-09	1.31E-08	7.59E-09	7.49E-09	6.79E-09	3.10E-09	3.01E-09	0.00E+00	0.00E+00	1.40E-09	2.54E-10	1.61E-09	2.49E-10	2.33E-10	3.74E-09
5762	489419.55	3858023.91	1.27E-05	1.26E-05	1.22E-05	4.41E-09	1.33E-08	7.71E-09	7.60E-09	6.89E-09	3.15E-09	3.05E-09	0.00E+00	0.00E+00	1.42E-09	2.58E-10	1.64E-09	2.53E-10	2.37E-10	3.80E-09
5763	489228.47	3858041.29	1.39E-05	1.37E-05	1.33E-05	4.80E-09	1.45E-08	8.39E-09	8.28E-09	7.51E-09	3.43E-09	3.33E-09	0.00E+00	0.00E+00	1.54E-09	2.81E-10	1.78E-09	2.75E-10	2.58E-10	4.14E-09
5764	489065.75	3858085.78	1.70E-05	1.68E-05	1.63E-05	5.89E-09	1.78E-08	1.03E-08	1.02E-08	9.21E-09	4.20E-09	4.08E-09	0.00E+00	0.00E+00	1.89E-09	3.45E-10	2.19E-09	3.37E-10	3.16E-10	5.08E-09
5765	489001.12	3858114.86	1.93E-05	1.90E-05	1.85E-05	6.68E-09	2.02E-08	1.17E-08	1.15E-08	1.04E-08	4.76E-09	4.63E-09	0.00E+00	0.00E+00	2.15E-09	3.91E-10	2.48E-09	3.82E-10	3.58E-10	5.76E-09
5766	488861.89	3858189.81	2.76E-05	2.73E-05	2.65E-05	9.57E-09	2.89E-08	1.67E-08	1.65E-08	1.50E-08	6.83E-09	6.63E-09	0.00E+00	0.00E+00	3.08E-09	5.60E-10	3.56E-09	5.48E-10	5.13E-10	8.26E-09
5767	488787.29	3858235.69	3.59E-05	3.54E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.14E-08	1.94E-08	8.87E-09	8.61E-09	0.00E+00	0.00E+00	4.00E-09	7.28E-10	4.62E-09	7.12E-10	6.67E-10	1.07E-08
5768	488712.68	3858281.57	5.10E-05	5.03E-05	4.88E-05	1.76E-08	5.33E-08	3.08E-08	3.04E-08	2.76E-08	1.26E-08	1.22E-08	0.00E+00	0.00E+00	5.67E-09	1.03E-09	6.56E-09	1.01E-09	9.47E-10	1.52E-08
5769	488654.39	3858436.17	8.09E-05	7.98E-05	7.75E-05	2.80E-08	8.46E-08	4.90E-08	4.83E-08	4.38E-08	2.00E-08	1.94E-08	0.00E+00	0.00E+00	9.01E-09	1.64E-09	1.04E-08	1.60E-09	1.50E-09	2.42E-08
5770	488726.31	3858505.26	7.53E-05	7.43E-05	7.22E-05	2.61E-08	7.87E-08	4.56E-08	4.50E-08	4.08E-08	1.86E-08	1.81E-08	0.00E+00	0.00E+00	8.38E-09	1.53E-09	9.69E-09	1.49E-09	1.40E-09	2.25E-08

5771	488880.6	3858599.28	1.65E-04	1.62E-04	1.58E-04	5.70E-08	1.72E-07	9.96E-08	9.83E-08	8.91E-08	4.06E-08	3.95E-08	0.00E+00	0.00E+00	1.83E-08	3.33E-09	2.12E-08	3.26E-09	3.06E-09	4.91E-08
5772	489008.06	3858714.75	1.64E-04	1.62E-04	1.57E-04	5.69E-08	1.72E-07	9.94E-08	9.81E-08	8.89E-08	4.06E-08	3.94E-08	0.00E+00	0.00E+00	1.83E-08	3.33E-09	2.11E-08	3.26E-09	3.05E-09	4.91E-08
5773	489071.48	3858772.72	1.68E-04	1.65E-04	1.61E-04	5.80E-08	1.75E-07	1.01E-07	1.00E-07	9.07E-08	4.14E-08	4.02E-08	0.00E+00	0.00E+00	1.87E-08	3.40E-09	2.16E-08	3.32E-09	3.11E-09	5.00E-08
5774	489244.6	3858920.2	1.76E-04	1.74E-04	1.69E-04	6.09E-08	1.84E-07	1.06E-07	1.05E-07	9.52E-08	4.35E-08	4.22E-08	0.00E+00	0.00E+00	1.96E-08	3.57E-09	2.26E-08	3.49E-09	3.27E-09	5.25E-08
5775	489239.69	3858952.23	1.31E-04	1.30E-04	1.26E-04	4.55E-08	1.37E-07	7.96E-08	7.85E-08	7.12E-08	3.25E-08	3.15E-08	0.00E+00	0.00E+00	1.46E-08	2.67E-09	1.69E-08	2.61E-09	2.44E-09	3.93E-08
5776	489121.67	3858854.49	9.87E-05	9.74E-05	9.46E-05	3.42E-08	1.03E-07	5.97E-08	5.90E-08	5.34E-08	2.44E-08	2.37E-08	0.00E+00	0.00E+00	1.10E-08	2.00E-09	1.27E-08	1.96E-09	1.83E-09	2.95E-08
5777	489059.59	3858797.27	7.93E-05	7.83E-05	7.60E-05	2.75E-08	8.29E-08	4.80E-08	4.74E-08	4.29E-08	1.96E-08	1.90E-08	0.00E+00	0.00E+00	8.83E-09	1.61E-09	1.02E-08	1.57E-09	1.47E-09	2.37E-08
5778	488997.52	3858740.04	7.58E-05	7.49E-05	7.27E-05	2.63E-08	7.93E-08	4.59E-08	4.53E-08	4.11E-08	1.87E-08	1.82E-08	0.00E+00	0.00E+00	8.44E-09	1.54E-09	9.76E-09	1.50E-09	1.41E-09	2.26E-08
5779	488935.44	3858682.82	8.98E-05	8.86E-05	8.61E-05	3.11E-08	9.39E-08	5.43E-08	5.36E-08	4.86E-08	2.22E-08	2.15E-08	0.00E+00	0.00E+00	1.00E-08	1.82E-09	1.16E-08	1.78E-09	1.67E-09	2.68E-08
5780	488869.17	3858848.43	2.10E-05	2.07E-05	2.01E-05	7.27E-09	2.19E-08	1.27E-08	1.25E-08	1.14E-08	5.19E-09	5.04E-09	0.00E+00	0.00E+00	2.34E-09	4.26E-10	2.70E-09	4.16E-10	3.90E-10	6.27E-09
5781	488932.48	3858892.69	2.24E-05	2.21E-05	2.15E-05	7.77E-09	2.34E-08	1.36E-08	1.34E-08	1.21E-08	5.54E-09	5.38E-09	0.00E+00	0.00E+00	2.50E-09	4.55E-10	2.89E-09	4.45E-10	4.17E-10	6.70E-09
5782	489063.27	3858977.17	2.82E-05	2.78E-05	2.70E-05	9.76E-09	2.95E-08	1.71E-08	1.68E-08	1.53E-08	6.97E-09	6.76E-09	0.00E+00	0.00E+00	3.14E-09	5.72E-10	3.63E-09	5.59E-10	5.24E-10	8.42E-09
5783	489248.2	3859117.15	9.76E-05	9.63E-05	9.35E-05	3.38E-08	1.02E-07	5.90E-08	5.83E-08	5.28E-08	2.41E-08	2.34E-08	0.00E+00	0.00E+00	1.09E-08	1.98E-09	1.26E-08	1.94E-09	1.81E-09	2.91E-08
5784	489296.25	3859049.22	7.02E-05	6.92E-05	6.72E-05	2.43E-08	7.33E-08	4.25E-08	4.19E-08	3.80E-08	1.73E-08	1.68E-08	0.00E+00	0.00E+00	7.81E-09	1.42E-09	9.02E-09	1.39E-09	1.30E-09	2.10E-08
5785	489353.38	3858993.97	5.81E-05	5.74E-05	5.57E-05	2.01E-08	6.08E-08	3.52E-08	3.47E-08	3.15E-08	1.44E-08	1.39E-08	0.00E+00	0.00E+00	6.47E-09	1.18E-09	7.48E-09	1.15E-09	1.08E-09	1.74E-08
5786	489537.25	3859120.22	3.04E-05	3.00E-05	2.92E-05	1.05E-08	3.18E-08	1.84E-08	1.82E-08	1.65E-08	7.51E-09	7.30E-09	0.00E+00	0.00E+00	3.39E-09	6.17E-10	3.91E-09	6.03E-10	5.65E-10	9.08E-09
5787	489726.98	3859246.04	2.10E-05	2.07E-05	2.01E-05	7.26E-09	2.19E-08	1.27E-08	1.25E-08	1.14E-08	5.18E-09	5.03E-09	0.00E+00	0.00E+00	2.34E-09	4.25E-10	2.70E-09	4.16E-10	3.90E-10	6.27E-09
5788	489911.46	3859366.33	1.54E-05	1.52E-05	1.48E-05	5.33E-09	1.61E-08	9.32E-09	9.20E-09	8.34E-09	3.81E-09	3.70E-09	0.00E+00	0.00E+00	1.72E-09	3.12E-10	1.98E-09	3.06E-10	2.86E-10	4.60E-09
5789	490035.3	3859430.26	1.29E-05	1.28E-05	1.24E-05	4.47E-09	1.35E-08	7.82E-09	7.72E-09	7.00E-09	3.19E-09	3.10E-09	0.00E+00	0.00E+00	1.44E-09	2.62E-10	1.66E-09	2.56E-10	2.40E-10	3.86E-09
5790	490101.11	3859458.61	1.19E-05	1.18E-05	1.15E-05	4.14E-09	1.25E-08	7.23E-09	7.13E-09	6.47E-09	2.95E-09	2.87E-09	0.00E+00	0.00E+00	1.33E-09	2.42E-10	1.54E-09	2.37E-10	2.22E-10	3.57E-09
5791	490312.68	3859560.3	9.48E-06	9.36E-06	9.09E-06	3.28E-09	9.91E-09	5.74E-09	5.66E-09	5.13E-09	2.34E-09	2.27E-09	0.00E+00	0.00E+00	1.06E-09	1.92E-10	1.22E-09	1.88E-10	1.76E-10	2.83E-09
5792	490401.63	3859603.12	8.74E-06	8.63E-06	8.38E-06	3.03E-09	9.14E-09	5.29E-09	5.22E-09	4.73E-09	2.16E-09	2.10E-09	0.00E+00	0.00E+00	9.73E-10	1.77E-10	1.12E-09	1.73E-10	1.62E-10	2.61E-09
5793	490490.57	3859645.94	8.12E-06	8.02E-06	7.78E-06	2.81E-09	8.49E-09	4.91E-09	4.85E-09	4.40E-09	2.01E-09	1.95E-09	0.00E+00	0.00E+00	9.04E-10	1.65E-10	1.04E-09	1.61E-10	1.51E-10	2.43E-09
5794	490579.51	3859688.76	7.61E-06	7.51E-06	7.29E-06	2.63E-09	7.95E-09	4.60E-09	4.54E-09	4.12E-09	1.88E-09	1.82E-09	0.00E+00	0.00E+00	8.47E-10	1.54E-10	9.78E-10	1.51E-10	1.41E-10	2.27E-09
5795	490668.45	3859731.58	7.16E-06	7.07E-06	6.86E-06	2.48E-09	7.49E-09	4.33E-09	4.28E-09	3.88E-09	1.77E-09	1.72E-09	0.00E+00	0.00E+00	7.97E-10	1.45E-10	9.21E-10	1.42E-10	1.33E-10	2.14E-09
5796	490757.4	3859774.4	6.81E-06	6.72E-06	6.53E-06	2.36E-09	7.12E-09	4.12E-09	4.07E-09	3.69E-09	1.68E-09	1.63E-09	0.00E+00	0.00E+00	7.58E-10	1.38E-10	8.76E-10	1.35E-10	1.26E-10	2.03E-09
5797	491003.53	3859861.82	6.20E-06	6.12E-06	5.94E-06	2.15E-09	6.48E-09	3.75E-09	3.70E-09	3.36E-09	1.53E-09	1.49E-09	0.00E+00	0.00E+00	6.90E-10	1.26E-10	7.97E-10	1.23E-10	1.15E-10	1.85E-09
5798	491081.41	3859879.05	6.16E-06	6.08E-06	5.90E-06	2.13E-09	6.44E-09	3.73E-09	3.68E-09	3.33E-09	1.52E-09	1.48E-09	0.00E+00	0.00E+00	6.86E-10	1.25E-10	7.92E-10	1.22E-10	1.14E-10	1.84E-09
5799	491229.76	3859917.82	5.90E-06	5.82E-06	5.65E-06	2.04E-09	6.16E-09	3.57E-09	3.52E-09	3.19E-09	1.46E-09	1.41E-09	0.00E+00	0.00E+00	6.57E-10	1.20E-10	7.59E-10	1.17E-10	1.10E-10	1.76E-09
5800	491300.22	3859939.35	5.72E-06	5.64E-06	5.48E-06	1.98E-09	5.98E-09	3.46E-09	3.41E-09	3.09E-09	1.41E-09	1.37E-09	0.00E+00	0.00E+00	6.36E-10	1.16E-10	7.35E-10	1.13E-10	1.06E-10	1.71E-09
5801	491350.49	3860012.03	3.99E-06	3.94E-06	3.83E-06	1.38E-09	4.17E-09	2.42E-09	2.38E-09	2.16E-09	9.86E-10	9.58E-10	0.00E+00	0.00E+00	4.45E-10	8.09E-11	5.14E-10	7.92E-11	7.42E-11	1.19E-09
5802	491406.82	3860092.57	3.38E-06	3.33E-06	3.24E-06	1.17E-09	3.53E-09	2.04E-09	2.02E-09	1.83E-09	8.34E-10	8.10E-10	0.00E+00	0.00E+00	3.76E-10	6.84E-11	4.34E-10	6.70E-11	6.27E-11	1.01E-09
5803	491483.37	3860121.96	3.26E-06	3.21E-06	3.12E-06	1.13E-09	3.40E-09	1.97E-09	1.94E-09	1.76E-09	8.04E-10	7.81E-10	0.00E+00	0.00E+00	3.62E-10	6.60E-11	4.19E-10	6.46E-11	6.05E-11	9.72E-10
5804	491559.91	3860151.36	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.73E-10	7.51E-10	0.00E+00	0.00E+00	3.48E-10	6.34E-11	4.02E-10	6.21E-11	5.81E-11	9.34E-10
5805	491711.81	3860237.76	2.86E-06	2.83E-06	2.74E-06	9.91E-10	2.99E-09	1.73E-09	1.71E-09	1.55E-09	7.07E-10	6.87E-10	0.00E+00	0.00E+00	3.19E-10	5.80E-11	3.68E-10	5.68E-11	5.32E-11	8.55E-10
5806	491755.2	3860319.07	2.53E-06	2.49E-06	2.42E-06	8.75E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.24E-10	6.06E-10	0.00E+00	0.00E+00	2.81E-10	5.12E-11	3.25E-10	5.01E-11	4.69E-11	7.55E-10
5807	491704.71	3860366.54	2.43E-06	2.40E-06	2.33E-06	8.41E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.83E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.82E-11	4.51E-11	7.25E-10
5808	491623.43	3860462.39	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	0.00E+00	0.00E+00	2.50E-10	4.56E-11	2.89E-10	4.46E-11	4.17E-11	6.71E-10
5809	491534.02	3860439.85	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	0.00E+00	0.00E+00	2.68E-10	4.87E-11	3.09E-10	4.77E-11	4.46E-11	7.18E-10
5810	491313.95	3860268.18	2.69E-06	2.66E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.45E-10	0.00E+00	0.00E+00	2.99E-10	5.45E-11	3.46E-10	5.34E-11	5.00E-11	8.03E-10
5811	491187.12	3860143.56	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.50E-10	0.00E+00	0.00E+00	3.48E-10	6.34E-11	4.02E-10	6.20E-11	5.81E-11	9.34E-10
5812	491070.43	3860075.97	3.43E-06	3.39E-06	3.29E-06	1.19E-09	3.59E-09	2.08E-09	2.05E-09	1.86E-09	8.48E-10	8.23E-10	0.00E+00	0.00E+00	3.82E-10	6.96E-11	4.41E-10	6.81E-11	6.37E-11	1.02E-09
5813	490995.09	3860039.39	3.61E-06	3.56E-06	3.46E-06	1.25E-09	3.77E-09	2.18E-09	2.16E-09	1.95E-09	8.92E-10	8.66E-10	0.00E+00	0.00E+00	4.02E-10	7.32E-11	4.64E-10	7.16E-11	6.71E-11	1.08E-09
5814	490919.75	3860002.8	3.81E-06	3.76E-06	3.65E-06	1.32E-09	3.98E-09	2.30E-09	2.27E-09	2.06E-09	9.41E-10	9.13E-10	0.00E+00	0.00E+00	4.24E-10	7.72E-11	4.90E-10	7.55E-11	7.07E-11	1.14E-09
5815	490756.81	3859894.53	4.52E-06	4.46E-06	4.33E-06	1.56E-09	4.72E-09	2.74E-09	2.70E-09	2.45E-09	1.12E-09	1.08E-09	0.00E+00	0.00E+00	5.03E-10	9.16E-11	5.81E-10	8.97E-11	8.40E-11	1.35E-09
5816	490668.07	3859860.92	4.73E-06	4.67E-06	4.54E-06	1.64E-09	4.95E-09	2.86E-09	2.83E-09	2.56E-09	1.17E-09	1.14E-09	0.00E+00	0.00E+00	5.27E-10	9.60E-11	6.09E-10	9.39E-11	8.79E-11	1.41E-09
5817	490579.34	3859827.3	5.01E-06	4.94E-06	4.80E-06	1.73E-09	5.23E-09	3.03E-09	2.99E-09	2.71E-09	1.24E-09	1.20E-09	0.00E+00	0.00E+00	5.57E-10	1.01E-10	6.44E-10	9.93E-11	9.30E-11	1.49E-09
5818	490490.6	3859793.68	5.30E-06	5.23E-06	5.08E-06	1.83E-09	5.54E-09	3.21E-09	3.16E-09	2.87E-09	1.31E-09	1.27E-09	0.00E+00	0.00E+00	5.90E-10	1.07E-10	6.82E-10	1.05E-10	9.84E-11	1.58E-09
5819	490401.86	3859760.07	5.65E-06	5.58E-06	5.42E-06	1.96E-09	5.91E-09	3.42E-09	3.38E-09	3.06E-09	1.40E-09	1.36E-09	0.00E+00	0.00E+00	6.29E-10	1.15E-10	7.27E-10	1.12E-10	1.05E-10	1.69E-09
5820	490313.12	3859726.45	6.09E-06	6.01E-06	5.84E-06	2.11E-09	6.37E-09	3.69E-09	3.64E-09	3.30E-09	1.51E-09	1.46E-09	0.00E+00	0.00E+00	6.78E-10	1.24E-10	7.84E-10	1.21E-10	1.13E-10	1.82E-09
5821	490224.39	3859692.83	6.63E-06	6.54E-06	6.35E-06	2.29E-09	6.93E-09	4.01E-09	3.96E-09	3.59E-09	1.64E-09	1.59E-09	0.00E+00	0.00E+00	7.38E-10	1.34E-10	8.52E-10	1.31E-10	1.23E-10	1.98E-09
5822	490135.65	3859659.22	7.28E-06	7.19E-06	6.98E-06	2.52E-09	7.61E-09	4.41E-09	4.35E-09	3.94E-09	1.80E-09	1.75E-09	0.00E+00	0.00E+00	8.11E-10	1.48E-10	9.37E-10	1.44E-10	1.35E-10	2.17E-09
5823	489918.19	3859559.23	1.00E-05	9.88E-06	9.59E-06	3.47E-09	1.05E-08	6.06E-09	5.98E-09	5.42E-09	2.47E-09	2.40E-09	0.00E+00	0.00E+00	1.11E-09	2.03E-10	1.29E-09	1.99E-10	1.86E-10	2.99E-09

5824	489743.61	3859486	1.40E-05	1.38E-05	1.34E-05	4.84E-09	1.46E-08	8.45E-09	8.34E-09	7.56E-09	3.45E-09	3.35E-09	0.00E+00	0.00E+00	1.56E-09	2.83E-10	1.80E-09	2.77E-10	2.60E-10	4.17E-09
5825	489660.32	3859440.27	1.74E-05	1.71E-05	1.66E-05	6.01E-09	1.82E-08	1.05E-08	1.04E-08	9.40E-09	4.29E-09	4.17E-09	0.00E+00	0.00E+00	1.93E-09	3.52E-10	2.23E-09	3.44E-10	3.23E-10	5.19E-09
5826	489577.04	3859394.53	2.18E-05	2.15E-05	2.09E-05	7.54E-09	2.28E-08	1.32E-08	1.30E-08	1.18E-08	5.38E-09	5.23E-09	0.00E+00	0.00E+00	2.42E-09	4.42E-10	2.80E-09	4.32E-10	4.05E-10	6.51E-09
5827	489493.75	3859348.8	2.75E-05	2.71E-05	2.63E-05	9.51E-09	2.87E-08	1.66E-08	1.64E-08	1.49E-08	6.79E-09	6.59E-09	0.00E+00	0.00E+00	3.06E-09	5.57E-10	3.53E-09	5.45E-10	5.10E-10	8.21E-09
5828	489321.28	3859240.02	5.45E-05	5.38E-05	5.22E-05	1.89E-08	5.70E-08	3.30E-08	3.26E-08	2.95E-08	1.35E-08	1.31E-08	0.00E+00	0.00E+00	6.07E-09	1.11E-09	7.01E-09	1.08E-09	1.01E-09	1.63E-08
5829	489235.41	3859193.96	1.13E-04	1.11E-04	1.08E-04	3.90E-08	1.18E-07	6.81E-08	6.72E-08	6.09E-08	2.78E-08	2.70E-08	0.00E+00	0.00E+00	1.25E-08	2.28E-09	1.45E-08	2.23E-09	2.09E-09	3.36E-08
5830	489149.54	3859147.89	3.45E-05	3.40E-05	3.30E-05	1.19E-08	3.60E-08	2.09E-08	2.06E-08	1.87E-08	8.51E-09	8.27E-09	0.00E+00	0.00E+00	3.84E-09	6.99E-10	4.43E-09	6.84E-10	6.40E-10	1.03E-08
5831	489063.68	3859101.82	2.20E-05	2.17E-05	2.11E-05	7.62E-09	2.30E-08	1.33E-08	1.32E-08	1.19E-08	5.44E-09	5.28E-09	0.00E+00	0.00E+00	2.45E-09	4.46E-10	2.83E-09	4.37E-10	4.09E-10	6.58E-09
5832	488977.81	3859055.75	1.79E-05	1.77E-05	1.72E-05	6.20E-09	1.87E-08	1.08E-08	1.07E-08	9.70E-09	4.43E-09	4.30E-09	0.00E+00	0.00E+00	1.99E-09	3.63E-10	2.30E-09	3.55E-10	3.33E-10	5.35E-09
5833	488891.94	3859009.69	1.55E-05	1.53E-05	1.48E-05	5.35E-09	1.62E-08	9.35E-09	9.23E-09	8.37E-09	3.82E-09	3.71E-09	0.00E+00	0.00E+00	1.72E-09	3.13E-10	1.99E-09	3.07E-10	2.87E-10	4.62E-09
5834	488808	3859060.73	1.20E-05	1.19E-05	1.15E-05	4.17E-09	1.26E-08	7.29E-09	7.19E-09	6.52E-09	2.97E-09	2.89E-09	0.00E+00	0.00E+00	1.34E-09	2.44E-10	1.55E-09	2.39E-10	2.24E-10	3.60E-09
5835	488809.93	3859157.85	1.07E-05	1.05E-05	1.02E-05	3.69E-09	1.11E-08	6.45E-09	6.36E-09	5.77E-09	2.63E-09	2.56E-09	0.00E+00	0.00E+00	1.19E-09	2.16E-10	1.37E-09	2.11E-10	1.98E-10	3.18E-09
5836	488811.86	3859254.96	9.61E-06	9.48E-06	9.21E-06	3.33E-09	1.00E-08	5.81E-09	5.74E-09	5.20E-09	2.37E-09	2.30E-09	0.00E+00	0.00E+00	1.07E-09	1.95E-10	1.24E-09	1.91E-10	1.78E-10	2.87E-09
5837	488813.78	3859352.07	8.67E-06	8.55E-06	8.31E-06	3.00E-09	9.06E-09	5.24E-09	5.18E-09	4.69E-09	2.14E-09	2.08E-09	0.00E+00	0.00E+00	9.65E-10	1.76E-10	1.11E-09	1.72E-10	1.61E-10	2.59E-09
5838	488815.71	3859449.19	7.76E-06	7.66E-06	7.44E-06	2.69E-09	8.11E-09	4.69E-09	4.63E-09	4.20E-09	1.92E-09	1.86E-09	0.00E+00	0.00E+00	8.64E-10	1.57E-10	9.98E-10	1.54E-10	1.44E-10	2.32E-09
5839	488910.04	3859547.11	7.92E-06	7.82E-06	7.59E-06	2.74E-09	8.28E-09	4.79E-09	4.73E-09	4.29E-09	1.96E-09	1.90E-09	0.00E+00	0.00E+00	8.81E-10	1.61E-10	1.02E-09	1.57E-10	1.47E-10	2.36E-09
5840	489002.45	3859547.91	9.92E-06	9.79E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.37E-09	2.45E-09	2.38E-09	0.00E+00	0.00E+00	1.10E-09	2.01E-10	1.28E-09	1.97E-10	1.84E-10	2.96E-09
5841	489094.85	3859548.72	1.43E-05	1.42E-05	1.37E-05	4.97E-09	1.50E-08	8.68E-09	8.57E-09	7.76E-09	3.54E-09	3.44E-09	0.00E+00	0.00E+00	1.60E-09	2.91E-10	1.84E-09	2.84E-10	2.66E-10	4.28E-09
5842	489230.05	3859601.87	2.30E-05	2.27E-05	2.20E-05	7.96E-09	2.40E-08	1.39E-08	1.37E-08	1.25E-08	5.68E-09	5.52E-09	0.00E+00	0.00E+00	2.56E-09	4.66E-10	2.96E-09	4.56E-10	4.27E-10	6.87E-09
5843	489227.52	3859680.89	1.82E-05	1.80E-05	1.75E-05	6.31E-09	1.90E-08	1.10E-08	1.09E-08	9.86E-09	4.50E-09	4.37E-09	0.00E+00	0.00E+00	2.03E-09	3.69E-10	2.34E-09	3.61E-10	3.38E-10	5.44E-09
5844	489133.47	3859760.29	7.82E-06	7.72E-06	7.50E-06	2.71E-09	8.18E-09	4.73E-09	4.67E-09	4.23E-09	1.93E-09	1.88E-09	0.00E+00	0.00E+00	8.71E-10	1.59E-10	1.01E-09	1.55E-10	1.45E-10	2.34E-09
5845	489041.96	3859760.67	6.46E-06	6.37E-06	6.19E-06	2.23E-09	6.75E-09	3.91E-09	3.86E-09	3.49E-09	1.59E-09	1.55E-09	0.00E+00	0.00E+00	7.19E-10	1.31E-10	8.30E-10	1.28E-10	1.20E-10	1.93E-09
5846	488950.45	3859761.05	5.65E-06	5.58E-06	5.41E-06	1.96E-09	5.90E-09	3.42E-09	3.37E-09	3.06E-09	1.40E-09	1.35E-09	0.00E+00	0.00E+00	6.29E-10	1.15E-10	7.27E-10	1.12E-10	1.05E-10	1.69E-09
5847	488858.94	3859761.43	5.08E-06	5.01E-06	4.86E-06	1.76E-09	5.31E-09	3.07E-09	3.03E-09	2.75E-09	1.25E-09	1.22E-09	0.00E+00	0.00E+00	5.65E-10	1.03E-10	6.53E-10	1.01E-10	9.43E-11	1.52E-09
5848	488767.43	3859761.82	4.64E-06	4.58E-06	4.45E-06	1.61E-09	4.85E-09	2.81E-09	2.77E-09	2.51E-09	1.15E-09	1.11E-09	0.00E+00	0.00E+00	5.16E-10	9.40E-11	5.97E-10	9.20E-11	8.62E-11	1.39E-09
5849	488675.92	3859762.2	4.31E-06	4.25E-06	4.13E-06	1.49E-09	4.50E-09	2.61E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	0.00E+00	0.00E+00	4.80E-10	8.74E-11	5.54E-10	8.55E-11	8.00E-11	1.29E-09
5850	488584.41	3859762.58	3.99E-06	3.94E-06	3.82E-06	1.38E-09	4.17E-09	2.41E-09	2.38E-09	2.16E-09	9.86E-10	9.57E-10	0.00E+00	0.00E+00	4.44E-10	8.09E-11	5.13E-10	7.91E-11	7.41E-11	1.19E-09
5851	488492.9	3859762.96	3.71E-06	3.66E-06	3.56E-06	1.28E-09	3.88E-09	2.25E-09	2.22E-09	2.01E-09	9.17E-10	8.90E-10	0.00E+00	0.00E+00	4.13E-10	7.52E-11	4.77E-10	7.36E-11	6.89E-11	1.11E-09
5852	488402.76	3859830.95	3.27E-06	3.23E-06	3.14E-06	1.13E-09	3.42E-09	1.98E-09	1.96E-09	1.77E-09	8.09E-10	7.85E-10	0.00E+00	0.00E+00	3.64E-10	6.64E-11	4.21E-10	6.49E-11	6.08E-11	9.78E-10
5853	488404.14	3859898.55	3.07E-06	3.03E-06	2.94E-06	1.06E-09	3.21E-09	1.86E-09	1.83E-09	1.66E-09	7.58E-10	7.36E-10	0.00E+00	0.00E+00	3.42E-10	6.22E-11	3.95E-10	6.09E-11	5.70E-11	9.17E-10
5854	488505.18	3859964.96	3.07E-06	3.03E-06	2.95E-06	1.06E-09	3.21E-09	1.86E-09	1.84E-09	1.66E-09	7.60E-10	7.38E-10	0.00E+00	0.00E+00	3.42E-10	6.23E-11	3.96E-10	6.10E-11	5.71E-11	9.18E-10
5855	488604.85	3859963.76	3.28E-06	3.23E-06	3.14E-06	1.13E-09	3.42E-09	1.98E-09	1.96E-09	1.77E-09	8.09E-10	7.86E-10	0.00E+00	0.00E+00	3.65E-10	6.64E-11	4.21E-10	6.50E-11	6.08E-11	9.78E-10
5856	488704.51	3859962.56	3.51E-06	3.46E-06	3.36E-06	1.21E-09	3.67E-09	2.12E-09	2.09E-09	1.90E-09	8.67E-10	8.41E-10	0.00E+00	0.00E+00	3.90E-10	7.11E-11	4.51E-10	6.96E-11	6.52E-11	1.05E-09
5857	488804.18	3859961.37	3.79E-06	3.74E-06	3.63E-06	1.31E-09	3.96E-09	2.29E-09	2.26E-09	2.05E-09	9.36E-10	9.09E-10	0.00E+00	0.00E+00	4.22E-10	7.68E-11	4.88E-10	7.52E-11	7.04E-11	1.13E-09
5858	488903.85	3859960.17	4.14E-06	4.09E-06	3.97E-06	1.43E-09	4.33E-09	2.51E-09	2.47E-09	2.24E-09	1.02E-09	9.93E-10	0.00E+00	0.00E+00	4.61E-10	8.39E-11	5.33E-10	8.21E-11	7.69E-11	1.24E-09
5859	489003.52	3859958.97	4.58E-06	4.52E-06	4.39E-06	1.58E-09	4.78E-09	2.77E-09	2.73E-09	2.48E-09	1.13E-09	1.10E-09	0.00E+00	0.00E+00	5.10E-10	9.28E-11	5.89E-10	9.08E-11	8.50E-11	1.37E-09
5860	489103.18	3859957.77	5.47E-06	5.40E-06	5.24E-06	1.89E-09	5.71E-09	3.31E-09	3.26E-09	2.96E-09	1.35E-09	1.31E-09	0.00E+00	0.00E+00	6.09E-10	1.11E-10	7.03E-10	1.08E-10	1.02E-10	1.63E-09
5861	489201.48	3860046.59	7.12E-06	7.03E-06	6.83E-06	2.47E-09	7.44E-09	4.31E-09	4.25E-09	3.86E-09	1.76E-09	1.71E-09	0.00E+00	0.00E+00	7.93E-10	1.44E-10	9.16E-10	1.41E-10	1.32E-10	2.13E-09
5862	489200.11	3860136.61	6.90E-06	6.81E-06	6.62E-06	2.39E-09	7.22E-09	4.18E-09	4.12E-09	3.74E-09	1.71E-09	1.66E-09	0.00E+00	0.00E+00	7.69E-10	1.40E-10	8.88E-10	1.37E-10	1.28E-10	2.06E-09
5863	489198.74	3860226.63	7.85E-06	7.75E-06	7.53E-06	2.72E-09	8.21E-09	4.75E-09	4.69E-09	4.25E-09	1.94E-09	1.88E-09	0.00E+00	0.00E+00	8.74E-10	1.59E-10	1.01E-09	1.56E-10	1.46E-10	2.34E-09
5864	489197.38	3860316.66	6.26E-06	6.18E-06	6.00E-06	2.17E-09	6.54E-09	3.79E-09	3.74E-09	3.39E-09	1.55E-09	1.50E-09	0.00E+00	0.00E+00	6.97E-10	1.27E-10	8.05E-10	1.24E-10	1.16E-10	1.87E-09
5865	489196.01	3860406.68	6.08E-06	6.00E-06	5.83E-06	2.10E-09	6.35E-09	3.68E-09	3.63E-09	3.29E-09	1.50E-09	1.46E-09	0.00E+00	0.00E+00	6.77E-10	1.23E-10	7.82E-10	1.21E-10	1.13E-10	1.82E-09
5866	489194.64	3860496.7	7.10E-06	7.01E-06	6.80E-06	2.46E-09	7.42E-09	4.30E-09	4.24E-09	3.84E-09	1.75E-09	1.70E-09	0.00E+00	0.00E+00	7.90E-10	1.44E-10	9.13E-10	1.41E-10	1.32E-10	2.12E-09
5867	489193.27	3860586.72	6.87E-06	6.79E-06	6.59E-06	2.38E-09	7.19E-09	4.16E-09	4.11E-09	3.72E-09	1.70E-09	1.65E-09	0.00E+00	0.00E+00	7.65E-10	1.39E-10	8.84E-10	1.36E-10	1.28E-10	2.05E-09
5868	489092.02	3860678.13	3.54E-06	3.49E-06	3.39E-06	1.22E-09	3.70E-09	2.14E-09	2.11E-09	1.92E-09	8.74E-10	8.49E-10	0.00E+00	0.00E+00	3.94E-10	7.17E-11	4.55E-10	7.02E-11	6.57E-11	1.06E-09
5869	488992.13	3860679.53	2.76E-06	2.72E-06	2.64E-06	9.54E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.81E-10	6.61E-10	0.00E+00	0.00E+00	3.07E-10	5.59E-11	3.55E-10	5.47E-11	5.12E-11	8.23E-10
5870	488892.25	3860680.92	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	0.00E+00	0.00E+00	2.70E-10	4.92E-11	3.12E-10	4.82E-11	4.51E-11	7.25E-10
5871	488792.36	3860682.31	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	0.00E+00	0.00E+00	2.47E-10	4.50E-11	2.85E-10	4.40E-11	4.12E-11	6.63E-10
5872	488692.48	3860683.7	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.97E-10	0.00E+00	0.00E+00	2.30E-10	4.20E-11	2.66E-10	4.11E-11	3.85E-11	6.18E-10
5873	488592.59	3860685.1	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.82E-10	4.68E-10	0.00E+00	0.00E+00	2.17E-10	3.95E-11	2.51E-10	3.87E-11	3.62E-11	5.82E-10
5874	488492.71	3860686.49	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	0.00E+00	0.00E+00	2.09E-10	3.80E-11	2.41E-10	3.72E-11	3.48E-11	5.60E-10
5875	488299.07	3860762.18	1.71E-06	1.68E-06	1.64E-06	5.91E-10	1.78E-09	1.03E-09	1.02E-09	9.24E-10	4.22E-10	4.09E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.20E-10	3.39E-11	3.17E-11	5.10E-10
5876	488205.32	3860764.09	1.65E-06	1.63E-06	1.58E-06	5.70E-10	1.72E-09	9.96E-10	9.83E-10	8.91E-10	4.07E-10	3.95E-10	0.00E+00	0.00E+00	1.83E-10	3.34E-11	2.12E-10	3.27E-11	3.06E-11	4.92E-10

5877	488111.56	3860766	1.58E-06	1.56E-06	1.52E-06	5.48E-10	1.65E-09	9.57E-10	9.45E-10	8.56E-10	3.91E-10	3.79E-10	0.00E+00	0.00E+00	1.76E-10	3.21E-11	2.03E-10	3.14E-11	2.94E-11	4.72E-10
5878	488017.81	3860767.91	1.52E-06	1.50E-06	1.45E-06	5.25E-10	1.58E-09	9.17E-10	9.05E-10	8.21E-10	3.74E-10	3.64E-10	0.00E+00	0.00E+00	1.69E-10	3.07E-11	1.95E-10	3.01E-11	2.82E-11	4.53E-10
5879	487924.06	3860769.81	1.45E-06	1.44E-06	1.39E-06	5.04E-10	1.52E-09	8.80E-10	8.69E-10	7.87E-10	3.59E-10	3.49E-10	0.00E+00	0.00E+00	1.62E-10	2.95E-11	1.87E-10	2.89E-11	2.70E-11	4.34E-10
5880	487830.31	3860771.72	1.40E-06	1.38E-06	1.34E-06	4.84E-10	1.46E-09	8.47E-10	8.36E-10	7.58E-10	3.46E-10	3.36E-10	0.00E+00	0.00E+00	1.56E-10	2.84E-11	1.80E-10	2.78E-11	2.60E-11	4.18E-10
5881	487736.55	3860773.63	1.35E-06	1.33E-06	1.30E-06	4.68E-10	1.41E-09	8.18E-10	8.07E-10	7.32E-10	3.34E-10	3.24E-10	0.00E+00	0.00E+00	1.50E-10	2.74E-11	1.74E-10	2.68E-11	2.51E-11	4.04E-10
5882	487642.8	3860775.54	1.31E-06	1.30E-06	1.26E-06	4.54E-10	1.37E-09	7.94E-10	7.84E-10	7.11E-10	3.24E-10	3.15E-10	0.00E+00	0.00E+00	1.46E-10	2.66E-11	1.69E-10	2.60E-11	2.44E-11	3.92E-10
5883	487549.48	3860684.71	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.01E-10	7.90E-10	7.16E-10	3.27E-10	3.17E-10	0.00E+00	0.00E+00	1.47E-10	2.68E-11	1.70E-10	2.62E-11	2.46E-11	3.95E-10
5884	487549.91	3860591.97	1.36E-06	1.35E-06	1.31E-06	4.72E-10	1.43E-09	8.26E-10	8.15E-10	7.39E-10	3.37E-10	3.27E-10	0.00E+00	0.00E+00	1.52E-10	2.77E-11	1.75E-10	2.71E-11	2.53E-11	4.07E-10
5885	487550.34	3860499.23	1.42E-06	1.40E-06	1.36E-06	4.91E-10	1.48E-09	8.58E-10	8.47E-10	7.67E-10	3.50E-10	3.40E-10	0.00E+00	0.00E+00	1.58E-10	2.87E-11	1.82E-10	2.81E-11	2.63E-11	4.23E-10
5886	487550.76	3860406.49	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.97E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.91E-10	2.94E-11	2.75E-11	4.43E-10
5887	487551.19	3860313.75	1.55E-06	1.53E-06	1.49E-06	5.37E-10	1.62E-09	9.38E-10	9.26E-10	8.40E-10	3.83E-10	3.72E-10	0.00E+00	0.00E+00	1.73E-10	3.14E-11	1.99E-10	3.08E-11	2.88E-11	4.63E-10
5888	487551.62	3860221.01	1.63E-06	1.61E-06	1.56E-06	5.64E-10	1.70E-09	9.87E-10	9.74E-10	8.83E-10	4.03E-10	3.91E-10	0.00E+00	0.00E+00	1.82E-10	3.31E-11	2.10E-10	3.23E-11	3.03E-11	4.87E-10
5889	487552.05	3860128.27	1.73E-06	1.71E-06	1.66E-06	5.99E-10	1.81E-09	1.05E-09	1.03E-09	9.37E-10	4.28E-10	4.15E-10	0.00E+00	0.00E+00	1.93E-10	3.51E-11	2.23E-10	3.43E-11	3.22E-11	5.17E-10
5890	487552.48	3860035.53	1.84E-06	1.81E-06	1.76E-06	6.36E-10	1.92E-09	1.11E-09	1.10E-09	9.94E-10	4.53E-10	4.40E-10	0.00E+00	0.00E+00	2.04E-10	3.72E-11	2.36E-10	3.64E-11	3.41E-11	5.48E-10
5891	487552.91	3859942.79	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	0.00E+00	0.00E+00	2.14E-10	3.90E-11	2.48E-10	3.82E-11	3.58E-11	5.75E-10
5892	487553.33	3859850.05	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	0.00E+00	0.00E+00	2.27E-10	4.14E-11	2.63E-10	4.05E-11	3.79E-11	6.10E-10
5893	487553.76	3859757.31	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	0.00E+00	0.00E+00	2.40E-10	4.37E-11	2.77E-10	4.28E-11	4.00E-11	6.44E-10
5894	487554.19	3859664.57	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	0.00E+00	0.00E+00	2.53E-10	4.61E-11	2.93E-10	4.52E-11	4.23E-11	6.80E-10
5895	487460.2	3859571.05	2.30E-06	2.27E-06	2.20E-06	7.95E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.51E-10	0.00E+00	0.00E+00	2.56E-10	4.66E-11	2.95E-10	4.56E-11	4.27E-11	6.86E-10
5896	487365.78	3859570.27	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	0.00E+00	0.00E+00	2.45E-10	4.45E-11	2.83E-10	4.36E-11	4.08E-11	6.56E-10
5897	487271.36	3859569.48	2.09E-06	2.07E-06	2.01E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	0.00E+00	0.00E+00	2.33E-10	4.24E-11	2.69E-10	4.15E-11	3.89E-11	6.25E-10
5898	487176.94	3859568.7	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	0.00E+00	0.00E+00	2.21E-10	4.03E-11	2.56E-10	3.95E-11	3.69E-11	5.94E-10
5899	487082.51	3859567.92	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.15E-09	1.13E-09	1.02E-09	4.68E-10	4.54E-10	0.00E+00	0.00E+00	2.11E-10	3.84E-11	2.44E-10	3.76E-11	3.52E-11	5.65E-10
5900	486988.09	3859567.14	1.80E-06	1.78E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.32E-10	0.00E+00	0.00E+00	2.00E-10	3.65E-11	2.31E-10	3.57E-11	3.34E-11	5.37E-10
5901	486893.67	3859566.36	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	0.00E+00	0.00E+00	1.90E-10	3.46E-11	2.20E-10	3.39E-11	3.17E-11	5.10E-10
5902	486799.25	3859565.58	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.83E-10	9.70E-10	8.80E-10	4.01E-10	3.90E-10	0.00E+00	0.00E+00	1.81E-10	3.29E-11	2.09E-10	3.22E-11	3.02E-11	4.85E-10
5903	486704.83	3859564.79	1.55E-06	1.53E-06	1.49E-06	5.36E-10	1.62E-09	9.38E-10	9.25E-10	8.39E-10	3.83E-10	3.72E-10	0.00E+00	0.00E+00	1.72E-10	3.14E-11	1.99E-10	3.07E-11	2.88E-11	4.63E-10
5904	486610.41	3859564.01	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.97E-10	8.85E-10	8.02E-10	3.66E-10	3.56E-10	0.00E+00	0.00E+00	1.65E-10	3.00E-11	1.91E-10	2.94E-11	2.75E-11	4.43E-10
5905	486515.99	3859563.23	1.42E-06	1.40E-06	1.36E-06	4.90E-10	1.48E-09	8.57E-10	8.45E-10	7.66E-10	3.50E-10	3.40E-10	0.00E+00	0.00E+00	1.58E-10	2.87E-11	1.82E-10	2.81E-11	2.63E-11	4.23E-10
5906	486421.57	3859562.45	1.36E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.09E-10	7.34E-10	3.35E-10	3.25E-10	0.00E+00	0.00E+00	1.51E-10	2.75E-11	1.74E-10	2.69E-11	2.52E-11	4.05E-10
5907	486327.14	3859561.67	1.30E-06	1.28E-06	1.25E-06	4.50E-10	1.36E-09	7.87E-10	7.77E-10	7.04E-10	3.21E-10	3.12E-10	0.00E+00	0.00E+00	1.45E-10	2.64E-11	1.67E-10	2.58E-11	2.42E-11	3.88E-10
5908	486232.72	3859560.89	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.07E-10	2.99E-10	0.00E+00	0.00E+00	1.39E-10	2.52E-11	1.60E-10	2.47E-11	2.31E-11	3.72E-10
5909	486138.3	3859560.1	1.19E-06	1.18E-06	1.14E-06	4.13E-10	1.25E-09	7.23E-10	7.13E-10	6.46E-10	2.95E-10	2.86E-10	0.00E+00	0.00E+00	1.33E-10	2.42E-11	1.54E-10	2.37E-11	2.22E-11	3.57E-10
5910	486043.88	3859559.32	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.13E-11	3.43E-10
5911	485949.35	3859463.54	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.77E-10	6.69E-10	6.06E-10	2.77E-10	2.69E-10	0.00E+00	0.00E+00	1.25E-10	2.27E-11	1.44E-10	2.22E-11	2.08E-11	3.34E-10
5912	485949.24	3859368.55	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.88E-10	6.79E-10	6.15E-10	2.81E-10	2.73E-10	0.00E+00	0.00E+00	1.27E-10	2.30E-11	1.46E-10	2.25E-11	2.11E-11	3.39E-10
5913	485949.12	3859273.55	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.96E-10	6.87E-10	6.22E-10	2.84E-10	2.76E-10	0.00E+00	0.00E+00	1.28E-10	2.33E-11	1.48E-10	2.28E-11	2.14E-11	3.43E-10
5914	485949.01	3859178.56	1.16E-06	1.14E-06	1.11E-06	4.01E-10	1.21E-09	7.00E-10	6.91E-10	6.27E-10	2.86E-10	2.78E-10	0.00E+00	0.00E+00	1.29E-10	2.35E-11	1.49E-10	2.30E-11	2.15E-11	3.46E-10
5915	485948.9	3859083.56	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.07E-10	6.98E-10	6.32E-10	2.89E-10	2.80E-10	0.00E+00	0.00E+00	1.30E-10	2.37E-11	1.50E-10	2.32E-11	2.17E-11	3.49E-10
5916	485948.79	3858988.56	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.52E-10
5917	485948.67	3858893.57	1.18E-06	1.17E-06	1.13E-06	4.10E-10	1.24E-09	7.16E-10	7.07E-10	6.41E-10	2.92E-10	2.84E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.35E-11	2.20E-11	3.54E-10
5918	485948.56	3858798.57	1.19E-06	1.17E-06	1.14E-06	4.11E-10	1.24E-09	7.18E-10	7.09E-10	6.42E-10	2.93E-10	2.85E-10	0.00E+00	0.00E+00	1.32E-10	2.41E-11	1.53E-10	2.35E-11	2.20E-11	3.54E-10
5919	485948.45	3858703.58	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.03E-10	6.38E-10	2.91E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.52E-10
5920	485948.34	3858608.58	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.02E-10	6.37E-10	2.91E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.51E-10
5921	485948.22	3858513.59	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.03E-10	6.37E-10	2.91E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.51E-10	2.33E-11	2.19E-11	3.51E-10
5922	485948.11	3858418.59	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.03E-10	6.37E-10	2.91E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.51E-10	2.34E-11	2.19E-11	3.52E-10
5923	485948	3858323.59	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.24E-09	7.15E-10	7.06E-10	6.40E-10	2.92E-10	2.83E-10	0.00E+00	0.00E+00	1.32E-10	2.40E-11	1.52E-10	2.34E-11	2.19E-11	3.53E-10
5924	485947.89	3858228.6	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.23E-09	7.15E-10	7.05E-10	6.39E-10	2.92E-10	2.83E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.52E-10	2.34E-11	2.19E-11	3.53E-10
5925	485947.77	3858133.6	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.03E-10	6.37E-10	2.91E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.39E-11	1.51E-10	2.33E-11	2.19E-11	3.51E-10
5926	485947.66	3858038.61	1.17E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.01E-10	6.36E-10	2.90E-10	2.82E-10	0.00E+00	0.00E+00	1.31E-10	2.38E-11	1.51E-10	2.33E-11	2.18E-11	3.51E-10
5927	485854.54	3857943.35	1.11E-06	1.09E-06	1.06E-06	3.84E-10	1.16E-09	6.71E-10	6.62E-10	6.00E-10	2.74E-10	2.66E-10	0.00E+00	0.00E+00	1.23E-10	2.25E-11	1.43E-10	2.20E-11	2.06E-11	3.31E-10
5928	485761.52	3857943.09	1.06E-06	1.05E-06	1.02E-06	3.69E-10	1.11E-09	6.44E-10	6.36E-10	5.76E-10	2.63E-10	2.55E-10	0.00E+00	0.00E+00	1.19E-10	2.16E-11	1.37E-10	2.11E-11	1.98E-11	3.18E-10
5929	485668.51	3857942.83	1.03E-06	1.01E-06	9.83E-07	3.55E-10	1.07E-09	6.20E-10	6.12E-10	5.55E-10	2.53E-10	2.46E-10	0.00E+00	0.00E+00	1.14E-10	2.08E-11	1.32E-10	2.03E-11	1.90E-11	3.06E-10

5930	485575.5	3857942.56	9.86E-07	9.73E-07	9.45E-07	3.41E-10	1.03E-09	5.97E-10	5.89E-10	5.34E-10	2.44E-10	2.37E-10	0.00E+00	0.00E+00	1.10E-10	2.00E-11	1.27E-10	1.96E-11	1.83E-11	2.94E-10
5931	485482.48	3857942.3	9.51E-07	9.39E-07	9.12E-07	3.29E-10	9.94E-10	5.76E-10	5.68E-10	5.15E-10	2.35E-10	2.28E-10	0.00E+00	0.00E+00	1.06E-10	1.93E-11	1.22E-10	1.89E-11	1.77E-11	2.84E-10
5932	485389.47	3857942.04	9.18E-07	9.07E-07	8.80E-07	3.18E-10	9.60E-10	5.56E-10	5.48E-10	4.97E-10	2.27E-10	2.20E-10	0.00E+00	0.00E+00	1.02E-10	1.86E-11	1.18E-10	1.82E-11	1.71E-11	2.74E-10
5933	485296.46	3857941.78	8.87E-07	8.76E-07	8.50E-07	3.07E-10	9.28E-10	5.37E-10	5.30E-10	4.80E-10	2.19E-10	2.13E-10	0.00E+00	0.00E+00	9.88E-11	1.80E-11	1.14E-10	1.76E-11	1.65E-11	2.65E-10
5934	485203.45	3857941.52	8.60E-07	8.48E-07	8.24E-07	2.98E-10	8.98E-10	5.20E-10	5.13E-10	4.65E-10	2.12E-10	2.06E-10	0.00E+00	0.00E+00	9.57E-11	1.74E-11	1.11E-10	1.70E-11	1.60E-11	2.57E-10
5935	485110.43	3857941.26	8.31E-07	8.20E-07	7.97E-07	2.88E-10	8.69E-10	5.03E-10	4.96E-10	4.50E-10	2.05E-10	1.99E-10	0.00E+00	0.00E+00	9.25E-11	1.68E-11	1.07E-10	1.65E-11	1.54E-11	2.48E-10
5936	485017.42	3857940.99	8.04E-07	7.93E-07	7.70E-07	2.78E-10	8.40E-10	4.86E-10	4.80E-10	4.35E-10	1.99E-10	1.93E-10	0.00E+00	0.00E+00	8.95E-11	1.63E-11	1.03E-10	1.59E-11	1.49E-11	2.40E-10
5937	484924.41	3857940.73	7.78E-07	7.68E-07	7.45E-07	2.69E-10	8.13E-10	4.71E-10	4.64E-10	4.21E-10	1.92E-10	1.87E-10	0.00E+00	0.00E+00	8.66E-11	1.58E-11	1.00E-10	1.54E-11	1.44E-11	2.32E-10
5938	484831.39	3857940.47	7.54E-07	7.44E-07	7.23E-07	2.61E-10	7.88E-10	4.56E-10	4.50E-10	4.08E-10	1.86E-10	1.81E-10	0.00E+00	0.00E+00	8.39E-11	1.53E-11	9.70E-11	1.50E-11	1.40E-11	2.25E-10
5939	484738.12	3857859.3	7.27E-07	7.17E-07	6.96E-07	2.52E-10	7.59E-10	4.40E-10	4.34E-10	3.93E-10	1.79E-10	1.74E-10	0.00E+00	0.00E+00	8.09E-11	1.47E-11	9.34E-11	1.44E-11	1.35E-11	2.17E-10
5940	484737.85	3857778.4	7.23E-07	7.14E-07	6.93E-07	2.50E-10	7.56E-10	4.38E-10	4.32E-10	3.91E-10	1.79E-10	1.73E-10	0.00E+00	0.00E+00	8.05E-11	1.47E-11	9.30E-11	1.43E-11	1.34E-11	2.16E-10
5941	484737.59	3857697.49	7.20E-07	7.10E-07	6.90E-07	2.49E-10	7.52E-10	4.35E-10	4.30E-10	3.90E-10	1.78E-10	1.73E-10	0.00E+00	0.00E+00	8.01E-11	1.46E-11	9.26E-11	1.43E-11	1.34E-11	2.15E-10
5942	484737.32	3857616.59	7.15E-07	7.06E-07	6.85E-07	2.48E-10	7.48E-10	4.33E-10	4.27E-10	3.87E-10	1.77E-10	1.72E-10	0.00E+00	0.00E+00	7.96E-11	1.45E-11	9.20E-11	1.42E-11	1.33E-11	2.14E-10
5943	484645.53	3857535.18	6.91E-07	6.82E-07	6.62E-07	2.39E-10	7.22E-10	4.18E-10	4.13E-10	3.74E-10	1.71E-10	1.66E-10	0.00E+00	0.00E+00	7.69E-11	1.40E-11	8.89E-11	1.37E-11	1.28E-11	2.06E-10
5944	484553.99	3857534.67	6.72E-07	6.63E-07	6.44E-07	2.33E-10	7.03E-10	4.07E-10	4.01E-10	3.64E-10	1.66E-10	1.61E-10	0.00E+00	0.00E+00	7.48E-11	1.36E-11	8.65E-11	1.33E-11	1.25E-11	2.01E-10
5945	484462.46	3857534.17	6.55E-07	6.46E-07	6.27E-07	2.27E-10	6.84E-10	3.96E-10	3.91E-10	3.54E-10	1.62E-10	1.57E-10	0.00E+00	0.00E+00	7.29E-11	1.33E-11	8.42E-11	1.30E-11	1.22E-11	1.96E-10
5946	484370.93	3857533.66	6.38E-07	6.29E-07	6.11E-07	2.21E-10	6.67E-10	3.86E-10	3.81E-10	3.45E-10	1.58E-10	1.53E-10	0.00E+00	0.00E+00	7.10E-11	1.29E-11	8.20E-11	1.27E-11	1.18E-11	1.90E-10
5947	484279.4	3857533.16	6.22E-07	6.14E-07	5.96E-07	2.15E-10	6.50E-10	3.76E-10	3.71E-10	3.37E-10	1.54E-10	1.49E-10	0.00E+00	0.00E+00	6.92E-11	1.26E-11	8.00E-11	1.23E-11	1.15E-11	1.86E-10
5948	484187.86	3857532.65	6.06E-07	5.98E-07	5.81E-07	2.10E-10	6.33E-10	3.67E-10	3.62E-10	3.28E-10	1.50E-10	1.45E-10	0.00E+00	0.00E+00	6.74E-11	1.23E-11	7.79E-11	1.20E-11	1.13E-11	1.81E-10
5949	484096.33	3857532.15	5.91E-07	5.83E-07	5.66E-07	2.05E-10	6.18E-10	3.58E-10	3.53E-10	3.20E-10	1.46E-10	1.42E-10	0.00E+00	0.00E+00	6.58E-11	1.20E-11	7.60E-11	1.17E-11	1.10E-11	1.77E-10
5950	484004.8	3857531.64	5.76E-07	5.69E-07	5.52E-07	1.99E-10	6.02E-10	3.49E-10	3.44E-10	3.12E-10	1.42E-10	1.38E-10	0.00E+00	0.00E+00	6.41E-11	1.17E-11	7.41E-11	1.14E-11	1.07E-11	1.72E-10
5951	483913.27	3857531.14	5.61E-07	5.54E-07	5.38E-07	1.94E-10	5.87E-10	3.40E-10	3.35E-10	3.04E-10	1.39E-10	1.35E-10	0.00E+00	0.00E+00	6.25E-11	1.14E-11	7.22E-11	1.11E-11	1.04E-11	1.68E-10
5952	483821.73	3857530.63	5.48E-07	5.40E-07	5.25E-07	1.90E-10	5.72E-10	3.31E-10	3.27E-10	2.96E-10	1.35E-10	1.31E-10	0.00E+00	0.00E+00	6.10E-11	1.11E-11	7.04E-11	1.09E-11	1.02E-11	1.64E-10
5953	483729.61	3857450.11	5.33E-07	5.26E-07	5.11E-07	1.85E-10	5.57E-10	3.23E-10	3.18E-10	2.89E-10	1.32E-10	1.28E-10	0.00E+00	0.00E+00	5.93E-11	1.08E-11	6.86E-11	1.06E-11	9.90E-12	1.59E-10
5954	483729.03	3857370.08	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.31E-10	1.28E-10	0.00E+00	0.00E+00	5.92E-11	1.08E-11	6.84E-11	1.05E-11	9.88E-12	1.59E-10
5955	483728.44	3857290.06	5.29E-07	5.22E-07	5.07E-07	1.83E-10	5.53E-10	3.20E-10	3.16E-10	2.86E-10	1.31E-10	1.27E-10	0.00E+00	0.00E+00	5.89E-11	1.07E-11	6.80E-11	1.05E-11	9.82E-12	1.58E-10
5956	483727.86	3857210.03	5.24E-07	5.17E-07	5.03E-07	1.81E-10	5.48E-10	3.17E-10	3.13E-10	2.84E-10	1.30E-10	1.26E-10	0.00E+00	0.00E+00	5.84E-11	1.06E-11	6.74E-11	1.04E-11	9.74E-12	1.57E-10
5957	483641.15	3857129.07	5.09E-07	5.02E-07	4.88E-07	1.76E-10	5.32E-10	3.08E-10	3.04E-10	2.76E-10	1.26E-10	1.22E-10	0.00E+00	0.00E+00	5.67E-11	1.03E-11	6.55E-11	1.01E-11	9.45E-12	1.52E-10
5958	483555.03	3857128.14	4.99E-07	4.93E-07	4.79E-07	1.73E-10	5.22E-10	3.02E-10	2.98E-10	2.70E-10	1.23E-10	1.20E-10	0.00E+00	0.00E+00	5.56E-11	1.01E-11	6.42E-11	9.90E-12	9.27E-12	1.49E-10
5959	483468.91	3857127.2	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	0.00E+00	0.00E+00	5.45E-11	9.92E-12	6.29E-11	9.70E-12	9.09E-12	1.46E-10
5960	483382.78	3857126.26	4.80E-07	4.74E-07	4.60E-07	1.66E-10	5.02E-10	2.91E-10	2.87E-10	2.60E-10	1.19E-10	1.15E-10	0.00E+00	0.00E+00	5.35E-11	9.74E-12	6.18E-11	9.53E-12	8.92E-12	1.43E-10
5961	483296.66	3857125.32	4.71E-07	4.65E-07	4.52E-07	1.63E-10	4.93E-10	2.85E-10	2.81E-10	2.55E-10	1.16E-10	1.13E-10	0.00E+00	0.00E+00	5.25E-11	9.55E-12	6.06E-11	9.35E-12	8.75E-12	1.41E-10
5962	483210.54	3857124.39	4.62E-07	4.56E-07	4.43E-07	1.60E-10	4.83E-10	2.80E-10	2.76E-10	2.50E-10	1.14E-10	1.11E-10	0.00E+00	0.00E+00	5.15E-11	9.37E-12	5.95E-11	9.17E-12	8.59E-12	1.38E-10
5963	483123.4	3857030.96	4.49E-07	4.44E-07	4.31E-07	1.56E-10	4.70E-10	2.72E-10	2.68E-10	2.43E-10	1.11E-10	1.08E-10	0.00E+00	0.00E+00	5.00E-11	9.11E-12	5.78E-11	8.92E-12	8.35E-12	1.34E-10
5964	483122.38	3856938.46	4.44E-07	4.38E-07	4.26E-07	1.54E-10	4.64E-10	2.69E-10	2.65E-10	2.41E-10	1.10E-10	1.07E-10	0.00E+00	0.00E+00	4.95E-11	9.01E-12	5.71E-11	8.81E-12	8.25E-12	1.33E-10
5965	483121.35	3856845.97	4.38E-07	4.32E-07	4.20E-07	1.52E-10	4.58E-10	2.65E-10	2.62E-10	2.37E-10	1.08E-10	1.05E-10	0.00E+00	0.00E+00	4.87E-11	8.88E-12	5.63E-11	8.69E-12	8.13E-12	1.31E-10
5966	483120.33	3856753.47	4.30E-07	4.24E-07	4.12E-07	1.49E-10	4.49E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	0.00E+00	0.00E+00	4.79E-11	8.72E-12	5.53E-11	8.53E-12	7.99E-12	1.28E-10
5967	483119.31	3856660.98	4.22E-07	4.16E-07	4.04E-07	1.46E-10	4.41E-10	2.55E-10	2.52E-10	2.28E-10	1.04E-10	1.01E-10	0.00E+00	0.00E+00	4.69E-11	8.54E-12	5.42E-11	8.36E-12	7.83E-12	1.26E-10
5968	483118.29	3856568.49	4.13E-07	4.07E-07	3.95E-07	1.43E-10	4.31E-10	2.50E-10	2.46E-10	2.23E-10	1.02E-10	9.90E-11	0.00E+00	0.00E+00	4.59E-11	8.36E-12	5.31E-11	8.18E-12	7.66E-12	1.23E-10
5969	483117.26	3856475.99	4.03E-07	3.98E-07	3.87E-07	1.40E-10	4.22E-10	2.44E-10	2.41E-10	2.18E-10	9.96E-11	9.68E-11	0.00E+00	0.00E+00	4.49E-11	8.18E-12	5.19E-11	8.00E-12	7.49E-12	1.20E-10
5970	483116.24	3856383.5	3.94E-07	3.89E-07	3.77E-07	1.36E-10	4.11E-10	2.38E-10	2.35E-10	2.13E-10	9.72E-11	9.44E-11	0.00E+00	0.00E+00	4.38E-11	7.98E-12	5.06E-11	7.81E-12	7.31E-12	1.18E-10
5971	483115.22	3856291.01	3.84E-07	3.79E-07	3.68E-07	1.33E-10	4.01E-10	2.32E-10	2.29E-10	2.08E-10	9.49E-11	9.21E-11	0.00E+00	0.00E+00	4.27E-11	7.78E-12	4.94E-11	7.62E-12	7.13E-12	1.15E-10
5972	483114.2	3856198.51	3.75E-07	3.70E-07	3.59E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.26E-11	8.99E-11	0.00E+00	0.00E+00	4.17E-11	7.60E-12	4.82E-11	7.43E-12	6.96E-12	1.12E-10
5973	483113.17	3856106.02	3.67E-07	3.62E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.19E-10	1.99E-10	9.07E-11	8.81E-11	0.00E+00	0.00E+00	4.09E-11	7.44E-12	4.72E-11	7.28E-12	6.82E-12	1.10E-10
5974	483112.15	3856013.52	3.60E-07	3.55E-07	3.45E-07	1.25E-10	3.76E-10	2.18E-10	2.15E-10	1.95E-10	8.89E-11	8.64E-11	0.00E+00	0.00E+00	4.01E-11	7.30E-12	4.63E-11	7.14E-12	6.69E-12	1.08E-10
5975	483029.25	3855920.47	3.50E-07	3.45E-07	3.35E-07	1.21E-10	3.65E-10	2.11E-10	2.09E-10	1.89E-10	8.63E-11	8.38E-11	0.00E+00	0.00E+00	3.89E-11	7.09E-12	4.50E-11	6.93E-12	6.49E-12	1.04E-10
5976	482947.37	3855919.91	3.45E-07	3.40E-07	3.31E-07	1.19E-10	3.60E-10	2.09E-10	2.06E-10	1.87E-10	8.52E-11	8.27E-11	0.00E+00	0.00E+00	3.84E-11	6.99E-12	4.44E-11	6.84E-12	6.41E-12	1.03E-10
5977	482865.49	3855919.36	3.40E-07	3.36E-07	3.26E-07	1.18E-10	3.56E-10	2.06E-10	2.03E-10	1.84E-10	8.41E-11	8.16E-11	0.00E+00	0.00E+00	3.79E-11	6.90E-12	4.38E-11	6.75E-12	6.32E-12	1.02E-10
5978	482783.61	3855918.8	3.36E-07	3.32E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.01E-10	1.82E-10	8.30E-11	8.06E-11	0.00E+00	0.00E+00	3.74E-11	6.81E-12	4.32E-11	6.67E-12	6.24E-12	1.00E-10
5979	482700.33	3855818.39	3.26E-07	3.22E-07	3.12E-07	1.13E-10	3.41E-10	1.97E-10	1.95E-10	1.76E-10	8.05E-11	7.82E-11	0.00E+00	0.00E+00	3.63E-11	6.61E-12	4.19E-11	6.46E-12	6.05E-12	9.73E-11
5980	482698.92	3855718.54	3.21E-07	3.16E-07	3.07E-07	1.11E-10	3.35E-10	1.94E-10	1.91E-10	1.74E-10	7.92E-11	7.69E-11	0.00E+00	0.00E+00	3.57E-11	6.50E-12	4.12E-11	6.36E-12	5.96E-12	9.58E-11
5981	482697.52	3855618.68	3.16E-07	3.12E-07	3.03E-07	1.09E-10	3.30E-10	1.91E-10	1.89E-10	1.71E-10	7.80E-11	7.58E-11	0.00E+00	0.00E+00	3.52E-11	6.40E-12	4.06E-11	6.26E-12	5.87E-12	9.43E-11
5982	482696.11	3855518.83	3.12E-07	3.07E-07	2.99E-07	1.08E-10	3.26E-10	1.89E-10	1.86E-10	1.69E-10	7.70E-11	7.47E-11	0.00E+00	0.00E+00	3.47E-11	6.31E-12	4.01E-11	6.18E-12	5.79E-12	9.30E-11

5983	482694.71	3855418.98	3.08E-07	3.04E-07	2.95E-07	1.06E-10	3.22E-10	1.86E-10	1.84E-10	1.67E-10	7.60E-11	7.38E-11	0.00E+00	0.00E+00	3.42E-11	6.24E-12	3.96E-11	6.10E-12	5.71E-12	9.19E-11
5984	482693.3	3855319.13	3.04E-07	3.00E-07	2.91E-07	1.05E-10	3.17E-10	1.84E-10	1.81E-10	1.64E-10	7.50E-11	7.29E-11	0.00E+00	0.00E+00	3.38E-11	6.16E-12	3.91E-11	6.02E-12	5.64E-12	9.07E-11
5985	482691.9	3855219.27	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.13E-10	1.81E-10	1.79E-10	1.62E-10	7.40E-11	7.19E-11	0.00E+00	0.00E+00	3.33E-11	6.07E-12	3.85E-11	5.94E-12	5.56E-12	8.95E-11
5986	482690.49	3855119.42	2.95E-07	2.91E-07	2.83E-07	1.02E-10	3.08E-10	1.79E-10	1.76E-10	1.60E-10	7.29E-11	7.08E-11	0.00E+00	0.00E+00	3.29E-11	5.98E-12	3.80E-11	5.85E-12	5.48E-12	8.81E-11
5987	482689.09	3855019.57	2.89E-07	2.86E-07	2.77E-07	1.00E-10	3.02E-10	1.75E-10	1.73E-10	1.57E-10	7.15E-11	6.94E-11	0.00E+00	0.00E+00	3.22E-11	5.86E-12	3.72E-11	5.74E-12	5.37E-12	8.64E-11
5988	482687.68	3854919.72	2.83E-07	2.80E-07	2.72E-07	9.81E-11	2.96E-10	1.71E-10	1.69E-10	1.53E-10	7.00E-11	6.80E-11	0.00E+00	0.00E+00	3.16E-11	5.75E-12	3.65E-11	5.62E-12	5.26E-12	8.46E-11
5989	482686.28	3854819.86	2.77E-07	2.73E-07	2.65E-07	9.59E-11	2.89E-10	1.68E-10	1.65E-10	1.50E-10	6.84E-11	6.64E-11	0.00E+00	0.00E+00	3.08E-11	5.61E-12	3.56E-11	5.49E-12	5.14E-12	8.27E-11
5990	482684.88	3854720.01	2.71E-07	2.68E-07	2.60E-07	9.39E-11	2.83E-10	1.64E-10	1.62E-10	1.47E-10	6.70E-11	6.51E-11	0.00E+00	0.00E+00	3.02E-11	5.50E-12	3.49E-11	5.38E-12	5.04E-12	8.10E-11
5991	482683.47	3854620.16	2.65E-07	2.61E-07	2.54E-07	9.16E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.54E-11	6.35E-11	0.00E+00	0.00E+00	2.95E-11	5.37E-12	3.40E-11	5.25E-12	4.92E-12	7.90E-11
5992	482682.07	3854520.31	2.59E-07	2.55E-07	2.48E-07	8.96E-11	2.71E-10	1.57E-10	1.55E-10	1.40E-10	6.39E-11	6.21E-11	0.00E+00	0.00E+00	2.88E-11	5.25E-12	3.33E-11	5.13E-12	4.81E-12	7.73E-11
5993	482680.66	3854420.45	2.53E-07	2.50E-07	2.43E-07	8.77E-11	2.65E-10	1.53E-10	1.51E-10	1.37E-10	6.26E-11	6.07E-11	0.00E+00	0.00E+00	2.82E-11	5.13E-12	3.26E-11	5.02E-12	4.70E-12	7.56E-11
5994	482679.26	3854320.6	2.48E-07	2.45E-07	2.37E-07	8.58E-11	2.59E-10	1.50E-10	1.48E-10	1.34E-10	6.12E-11	5.94E-11	0.00E+00	0.00E+00	2.76E-11	5.02E-12	3.19E-11	4.91E-12	4.60E-12	7.40E-11
5995	482677.85	3854220.75	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	0.00E+00	0.00E+00	2.68E-11	4.89E-12	3.10E-11	4.78E-12	4.48E-12	7.20E-11
5996	482676.45	3854120.9	2.37E-07	2.34E-07	2.27E-07	8.21E-11	2.48E-10	1.43E-10	1.42E-10	1.28E-10	5.86E-11	5.69E-11	0.00E+00	0.00E+00	2.64E-11	4.81E-12	3.05E-11	4.70E-12	4.40E-12	7.08E-11
5997	482675.04	3854021.04	2.32E-07	2.29E-07	2.23E-07	8.04E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.74E-11	5.57E-11	0.00E+00	0.00E+00	2.59E-11	4.71E-12	2.99E-11	4.61E-12	4.31E-12	6.94E-11
5998	482673.64	3853921.19	2.28E-07	2.25E-07	2.18E-07	7.88E-11	2.38E-10	1.38E-10	1.36E-10	1.23E-10	5.62E-11	5.46E-11	0.00E+00	0.00E+00	2.53E-11	4.61E-12	2.93E-11	4.51E-12	4.23E-12	6.80E-11
5999	482672.23	3853821.34	2.22E-07	2.19E-07	2.13E-07	7.68E-11	2.32E-10	1.34E-10	1.33E-10	1.20E-10	5.48E-11	5.32E-11	0.00E+00	0.00E+00	2.47E-11	4.50E-12	2.85E-11	4.40E-12	4.12E-12	6.63E-11
6000	482670.83	3853721.49	2.16E-07	2.13E-07	2.07E-07	7.48E-11	2.26E-10	1.31E-10	1.29E-10	1.17E-10	5.34E-11	5.18E-11	0.00E+00	0.00E+00	2.41E-11	4.38E-12	2.78E-11	4.29E-12	4.01E-12	6.45E-11
6001	482669.42	3853621.63	2.11E-07	2.08E-07	2.02E-07	7.30E-11	2.20E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	0.00E+00	0.00E+00	2.35E-11	4.28E-12	2.71E-11	4.18E-12	3.92E-12	6.30E-11
6002	482645.99	3853446.13	2.03E-07	2.00E-07	1.94E-07	7.02E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.01E-11	4.86E-11	0.00E+00	0.00E+00	2.26E-11	4.11E-12	2.61E-11	4.02E-12	3.77E-12	6.05E-11
6003	482623.97	3853370.49	2.00E-07	1.97E-07	1.91E-07	6.91E-11	2.09E-10	1.21E-10	1.19E-10	1.08E-10	4.93E-11	4.79E-11	0.00E+00	0.00E+00	2.22E-11	4.05E-12	2.57E-11	3.96E-12	3.71E-12	5.96E-11
6004	482601.94	3853294.84	1.97E-07	1.94E-07	1.88E-07	6.81E-11	2.06E-10	1.19E-10	1.17E-10	1.06E-10	4.86E-11	4.72E-11	0.00E+00	0.00E+00	2.19E-11	3.99E-12	2.53E-11	3.90E-12	3.65E-12	5.87E-11
6005	482531.29	3853133.44	1.90E-07	1.88E-07	1.82E-07	6.59E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.70E-11	4.57E-11	0.00E+00	0.00E+00	2.12E-11	3.86E-12	2.45E-11	3.78E-12	3.54E-12	5.69E-11
6006	482482.68	3853047.69	1.87E-07	1.84E-07	1.79E-07	6.46E-11	1.95E-10	1.13E-10	1.12E-10	1.01E-10	4.61E-11	4.48E-11	0.00E+00	0.00E+00	2.08E-11	3.79E-12	2.40E-11	3.70E-12	3.47E-12	5.58E-11
6007	482383.09	3852897.4	1.82E-07	1.80E-07	1.74E-07	6.30E-11	1.90E-10	1.10E-10	1.09E-10	9.86E-11	4.50E-11	4.37E-11	0.00E+00	0.00E+00	2.03E-11	3.69E-12	2.34E-11	3.61E-12	3.38E-12	5.44E-11
6008	482265.64	3852765.26	1.77E-07	1.75E-07	1.70E-07	6.13E-11	1.85E-10	1.07E-10	1.06E-10	9.58E-11	4.37E-11	4.25E-11	0.00E+00	0.00E+00	1.97E-11	3.59E-12	2.28E-11	3.51E-12	3.29E-12	5.28E-11
6009	482199.16	3852697.66	1.74E-07	1.72E-07	1.67E-07	6.03E-11	1.82E-10	1.05E-10	1.04E-10	9.43E-11	4.30E-11	4.18E-11	0.00E+00	0.00E+00	1.94E-11	3.53E-12	2.24E-11	3.45E-12	3.23E-12	5.20E-11
6010	482132.69	3852630.07	1.71E-07	1.69E-07	1.64E-07	5.92E-11	1.79E-10	1.04E-10	1.02E-10	9.26E-11	4.23E-11	4.10E-11	0.00E+00	0.00E+00	1.90E-11	3.47E-12	2.20E-11	3.39E-12	3.18E-12	5.11E-11
6011	482066.21	3852562.48	1.68E-07	1.66E-07	1.61E-07	5.83E-11	1.76E-10	1.02E-10	1.01E-10	9.12E-11	4.16E-11	4.04E-11	0.00E+00	0.00E+00	1.87E-11	3.41E-12	2.17E-11	3.34E-12	3.13E-12	5.03E-11
6012	481999.74	3852494.89	1.66E-07	1.64E-07	1.59E-07	5.74E-11	1.73E-10	1.00E-10	9.91E-11	8.98E-11	4.10E-11	3.98E-11	0.00E+00	0.00E+00	1.85E-11	3.36E-12	2.13E-11	3.29E-12	3.08E-12	4.95E-11
6013	481933.26	3852427.29	1.63E-07	1.61E-07	1.57E-07	5.66E-11	1.71E-10	9.89E-11	9.76E-11	8.85E-11	4.04E-11	3.92E-11	0.00E+00	0.00E+00	1.82E-11	3.31E-12	2.10E-11	3.24E-12	3.04E-12	4.88E-11
6014	481866.79	3852359.7	1.61E-07	1.59E-07	1.54E-07	5.57E-11	1.68E-10	9.73E-11	9.61E-11	8.71E-11	3.97E-11	3.86E-11	0.00E+00	0.00E+00	1.79E-11	3.26E-12	2.07E-11	3.19E-12	2.99E-12	4.80E-11
6015	481800.31	3852292.11	1.58E-07	1.56E-07	1.52E-07	5.47E-11	1.65E-10	9.57E-11	9.44E-11	8.56E-11	3.91E-11	3.79E-11	0.00E+00	0.00E+00	1.76E-11	3.20E-12	2.03E-11	3.14E-12	2.94E-12	4.72E-11
6016	481733.84	3852224.52	1.56E-07	1.53E-07	1.49E-07	5.38E-11	1.63E-10	9.41E-11	9.29E-11	8.42E-11	3.84E-11	3.73E-11	0.00E+00	0.00E+00	1.73E-11	3.15E-12	2.00E-11	3.08E-12	2.89E-12	4.64E-11
6017	481667.36	3852156.92	1.53E-07	1.51E-07	1.46E-07	5.29E-11	1.60E-10	9.24E-11	9.12E-11	8.27E-11	3.77E-11	3.66E-11	0.00E+00	0.00E+00	1.70E-11	3.10E-12	1.97E-11	3.03E-12	2.84E-12	4.56E-11
6018	481600.89	3852089.33	1.51E-07	1.49E-07	1.45E-07	5.22E-11	1.58E-10	9.13E-11	9.01E-11	8.16E-11	3.73E-11	3.62E-11	0.00E+00	0.00E+00	1.68E-11	3.06E-12	1.94E-11	2.99E-12	2.80E-12	4.50E-11
6019	481534.41	3852021.74	1.49E-07	1.47E-07	1.43E-07	5.16E-11	1.56E-10	9.02E-11	8.91E-11	8.07E-11	3.68E-11	3.58E-11	0.00E+00	0.00E+00	1.66E-11	3.02E-12	1.92E-11	2.96E-12	2.77E-12	4.45E-11
6020	481467.94	3851954.15	1.47E-07	1.45E-07	1.41E-07	5.10E-11	1.54E-10	8.91E-11	8.80E-11	7.97E-11	3.64E-11	3.53E-11	0.00E+00	0.00E+00	1.64E-11	2.99E-12	1.89E-11	2.92E-12	2.74E-12	4.40E-11
6021	481401.46	3851886.55	1.45E-07	1.43E-07	1.39E-07	5.02E-11	1.52E-10	8.78E-11	8.66E-11	7.85E-11	3.58E-11	3.48E-11	0.00E+00	0.00E+00	1.62E-11	2.94E-12	1.87E-11	2.88E-12	2.69E-12	4.33E-11
6022	481265.87	3851761.43	1.41E-07	1.40E-07	1.36E-07	4.90E-11	1.48E-10	8.56E-11	8.45E-11	7.66E-11	3.49E-11	3.39E-11	0.00E+00	0.00E+00	1.57E-11	2.87E-12	1.82E-11	2.81E-12	2.63E-12	4.22E-11
6023	481196.74	3851703.89	1.39E-07	1.37E-07	1.33E-07	4.82E-11	1.46E-10	8.43E-11	8.32E-11	7.54E-11	3.44E-11	3.34E-11	0.00E+00	0.00E+00	1.55E-11	2.82E-12	1.79E-11	2.76E-12	2.59E-12	4.16E-11
6024	481076.33	3851619.05	1.36E-07	1.34E-07	1.30E-07	4.71E-11	1.42E-10	8.23E-11	8.12E-11	7.36E-11	3.36E-11	3.26E-11	0.00E+00	0.00E+00	1.51E-11	2.76E-12	1.75E-11	2.70E-12	2.53E-12	4.06E-11
6025	480939.8	3851549.07	1.32E-07	1.30E-07	1.27E-07	4.57E-11	1.38E-10	7.99E-11	7.89E-11	7.15E-11	3.26E-11	3.17E-11	0.00E+00	0.00E+00	1.47E-11	2.68E-12	1.70E-11	2.62E-12	2.45E-12	3.94E-11
6026	480854.56	3851506.41	1.30E-07	1.28E-07	1.24E-07	4.49E-11	1.36E-10	7.85E-11	7.75E-11	7.02E-11	3.20E-11	3.11E-11	0.00E+00	0.00E+00	1.44E-11	2.63E-12	1.67E-11	2.57E-12	2.41E-12	3.87E-11
6027	480769.32	3851463.75	1.28E-07	1.26E-07	1.22E-07	4.41E-11	1.33E-10	7.72E-11	7.62E-11	6.90E-11	3.15E-11	3.06E-11	0.00E+00	0.00E+00	1.42E-11	2.59E-12	1.64E-11	2.53E-12	2.37E-12	3.81E-11
6028	480684.08	3851421.08	1.25E-07	1.24E-07	1.20E-07	4.34E-11	1.31E-10	7.59E-11	7.49E-11	6.79E-11	3.10E-11	3.01E-11	0.00E+00	0.00E+00	1.40E-11	2.54E-12	1.61E-11	2.49E-12	2.33E-12	3.75E-11
6029	480598.84	3851378.42	1.24E-07	1.22E-07	1.19E-07	4.28E-11	1.29E-10	7.49E-11	7.39E-11	6.70E-11	3.06E-11	2.97E-11	0.00E+00	0.00E+00	1.38E-11	2.51E-12	1.59E-11	2.45E-12	2.30E-12	3.70E-11
6030	480435.71	3851275.01	1.20E-07	1.19E-07	1.15E-07	4.16E-11	1.26E-10	7.27E-11	7.17E-11	6.50E-11	2.97E-11	2.88E-11	0.00E+00	0.00E+00	1.34E-11	2.43E-12	1.54E-11	2.38E-12	2.23E-12	3.59E-11
6031	480347.85	3851232.36	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.16E-11	7.06E-11	6.40E-11	2.92E-11	2.84E-11	0.00E+00	0.00E+00	1.32E-11	2.40E-12	1.52E-11	2.35E-12	2.20E-12	3.53E-11
6032	480260	3851189.72	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.96E-11	6.31E-11	2.88E-11	2.80E-11	0.00E+00	0.00E+00	1.30E-11	2.36E-12	1.50E-11	2.31E-12	2.17E-12	3.48E-11
6033	480172.15	3851147.07	1.15E-07	1.13E-07	1.10E-07	3.98E-11	1.20E-10	6.95E-11	6.86E-11	6.22E-11	2.84E-11	2.76E-11	0.00E+00	0.00E+00	1.28E-11	2.33E-12	1.48E-11	2.28E-12	2.13E-12	3.43E-11
6034	480084.29	3851104.42	1.13E-07	1.12E-07	1.09E-07	3.92E-11	1.18E-10	6.85E-11	6.76E-11	6.13E-11	2.80E-11	2.72E-11	0.00E+00	0.00E+00	1.26E-11	2.29E-12	1.46E-11	2.25E-12	2.10E-12	3.38E-11
6035	479996.44	3851061.77	1.12E-07	1.10E-07	1.07E-07	3.86E-11	1.17E-10	6.75E-11	6.66E-11	6.04E-11	2.75E-11	2.68E-11	0.00E+00	0.00E+00	1.24E-11	2.26E-12	1.43E-11	2.21E-12	2.07E-12	3.33E-11

6036	479908.58	3851019.13	1.09E-07	1.08E-07	1.05E-07	3.78E-11	1.14E-10	6.61E-11	6.52E-11	5.91E-11	2.70E-11	2.62E-11	0.00E+00	0.00E+00	1.22E-11	2.21E-12	1.40E-11	2.17E-12	2.03E-12	3.26E-11
6037	479820.73	3850976.48	1.08E-07	1.06E-07	1.03E-07	3.73E-11	1.13E-10	6.52E-11	6.43E-11	5.83E-11	2.66E-11	2.58E-11	0.00E+00	0.00E+00	1.20E-11	2.18E-12	1.39E-11	2.14E-12	2.00E-12	3.22E-11
6038	479732.88	3850933.83	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.44E-11	6.36E-11	5.76E-11	2.63E-11	2.55E-11	0.00E+00	0.00E+00	1.18E-11	2.16E-12	1.37E-11	2.11E-12	1.98E-12	3.18E-11
6039	479645.02	3850891.18	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.37E-11	6.29E-11	5.70E-11	2.60E-11	2.53E-11	0.00E+00	0.00E+00	1.17E-11	2.13E-12	1.35E-11	2.09E-12	1.96E-12	3.14E-11
6040	479557.17	3850848.54	1.04E-07	1.03E-07	1.00E-07	3.61E-11	1.09E-10	6.31E-11	6.23E-11	5.65E-11	2.58E-11	2.50E-11	0.00E+00	0.00E+00	1.16E-11	2.12E-12	1.34E-11	2.07E-12	1.94E-12	3.12E-11
6041	479469.32	3850805.89	1.03E-07	1.02E-07	9.87E-08	3.56E-11	1.08E-10	6.23E-11	6.15E-11	5.57E-11	2.54E-11	2.47E-11	0.00E+00	0.00E+00	1.15E-11	2.09E-12	1.32E-11	2.04E-12	1.91E-12	3.07E-11
6042	479381.46	3850763.24	1.02E-07	1.01E-07	9.80E-08	3.54E-11	1.07E-10	6.19E-11	6.11E-11	5.54E-11	2.53E-11	2.45E-11	0.00E+00	0.00E+00	1.14E-11	2.07E-12	1.32E-11	2.03E-12	1.90E-12	3.05E-11
6043	479293.61	3850720.59	1.02E-07	1.01E-07	9.78E-08	3.53E-11	1.07E-10	6.17E-11	6.09E-11	5.52E-11	2.52E-11	2.45E-11	0.00E+00	0.00E+00	1.14E-11	2.07E-12	1.31E-11	2.02E-12	1.89E-12	3.05E-11
6044	479205.76	3850677.95	1.02E-07	1.00E-07	9.74E-08	3.52E-11	1.06E-10	6.15E-11	6.07E-11	5.50E-11	2.51E-11	2.44E-11	0.00E+00	0.00E+00	1.13E-11	2.06E-12	1.31E-11	2.02E-12	1.89E-12	3.03E-11
6045	479117.9	3850635.3	1.01E-07	1.00E-07	9.72E-08	3.51E-11	1.06E-10	6.13E-11	6.05E-11	5.49E-11	2.50E-11	2.43E-11	0.00E+00	0.00E+00	1.13E-11	2.05E-12	1.30E-11	2.01E-12	1.88E-12	3.03E-11
6046	479030.05	3850592.65	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	0.00E+00	0.00E+00	1.12E-11	2.04E-12	1.30E-11	2.00E-12	1.87E-12	3.01E-11
6047	478942.19	3850550	9.94E-08	9.81E-08	9.53E-08	3.44E-11	1.04E-10	6.02E-11	5.94E-11	5.38E-11	2.46E-11	2.38E-11	0.00E+00	0.00E+00	1.11E-11	2.02E-12	1.28E-11	1.97E-12	1.85E-12	2.97E-11
6048	478854.34	3850507.36	9.71E-08	9.58E-08	9.30E-08	3.36E-11	1.01E-10	5.87E-11	5.80E-11	5.26E-11	2.40E-11	2.33E-11	0.00E+00	0.00E+00	1.08E-11	1.97E-12	1.25E-11	1.93E-12	1.80E-12	2.90E-11
6049	478766.49	3850464.71	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	0.00E+00	0.00E+00	1.07E-11	1.94E-12	1.23E-11	1.90E-12	1.78E-12	2.86E-11
6050	478678.63	3850422.06	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	0.00E+00	0.00E+00	1.05E-11	1.92E-12	1.22E-11	1.88E-12	1.76E-12	2.83E-11
6051	478590.78	3850379.41	9.36E-08	9.23E-08	8.97E-08	3.24E-11	9.78E-11	5.66E-11	5.59E-11	5.07E-11	2.31E-11	2.24E-11	0.00E+00	0.00E+00	1.04E-11	1.90E-12	1.20E-11	1.86E-12	1.74E-12	2.79E-11
6052	478502.93	3850336.77	9.27E-08	9.14E-08	8.88E-08	3.21E-11	9.68E-11	5.61E-11	5.53E-11	5.02E-11	2.29E-11	2.22E-11	0.00E+00	0.00E+00	1.03E-11	1.88E-12	1.19E-11	1.84E-12	1.72E-12	2.77E-11
6053	478415.07	3850294.12	9.19E-08	9.07E-08	8.81E-08	3.18E-11	9.60E-11	5.56E-11	5.49E-11	4.97E-11	2.27E-11	2.20E-11	0.00E+00	0.00E+00	1.02E-11	1.86E-12	1.18E-11	1.82E-12	1.71E-12	2.74E-11
6054	478327.22	3850251.47	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	0.00E+00	0.00E+00	1.01E-11	1.84E-12	1.17E-11	1.80E-12	1.69E-12	2.71E-11
6055	478239.36	3850208.82	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	0.00E+00	0.00E+00	1.00E-11	1.82E-12	1.16E-11	1.78E-12	1.67E-12	2.69E-11
6056	478151.51	3850166.18	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	0.00E+00	0.00E+00	9.92E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.66E-11
6057	478063.66	3850123.53	8.84E-08	8.72E-08	8.47E-08	3.06E-11	9.24E-11	5.35E-11	5.28E-11	4.78E-11	2.18E-11	2.12E-11	0.00E+00	0.00E+00	9.84E-12	1.79E-12	1.14E-11	1.75E-12	1.64E-12	2.64E-11
6058	477975.8	3850080.88	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	0.00E+00	0.00E+00	9.92E-12	1.81E-12	1.15E-11	1.77E-12	1.66E-12	2.66E-11
6059	477887.95	3850038.23	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	0.00E+00	0.00E+00	9.88E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
6060	477800.1	3849995.59	8.86E-08	8.75E-08	8.49E-08	3.07E-11	9.26E-11	5.36E-11	5.29E-11	4.80E-11	2.19E-11	2.13E-11	0.00E+00	0.00E+00	9.86E-12	1.80E-12	1.14E-11	1.76E-12	1.65E-12	2.65E-11
6061	477712.24	3849952.94	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	0.00E+00	0.00E+00	9.81E-12	1.79E-12	1.13E-11	1.75E-12	1.64E-12	2.63E-11
6062	477624.39	3849910.29	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	0.00E+00	0.00E+00	9.75E-12	1.78E-12	1.13E-11	1.74E-12	1.63E-12	2.62E-11
6063	477536.54	3849867.64	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	0.00E+00	0.00E+00	9.69E-12	1.76E-12	1.12E-11	1.73E-12	1.62E-12	2.60E-11
6064	477448.68	3849825	8.63E-08	8.52E-08	8.27E-08	2.99E-11	9.02E-11	5.22E-11	5.15E-11	4.67E-11	2.13E-11	2.07E-11	0.00E+00	0.00E+00	9.60E-12	1.75E-12	1.11E-11	1.71E-12	1.60E-12	2.58E-11
6065	477360.83	3849782.35	8.56E-08	8.45E-08	8.21E-08	2.96E-11	8.95E-11	5.18E-11	5.11E-11	4.64E-11	2.12E-11	2.05E-11	0.00E+00	0.00E+00	9.53E-12	1.74E-12	1.10E-11	1.70E-12	1.59E-12	2.56E-11
6066	477272.97	3849739.7	8.50E-08	8.39E-08	8.14E-08	2.94E-11	8.88E-11	5.14E-11	5.07E-11	4.60E-11	2.10E-11	2.04E-11	0.00E+00	0.00E+00	9.46E-12	1.72E-12	1.09E-11	1.69E-12	1.58E-12	2.54E-11
6067	477185.12	3849697.05	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	0.00E+00	0.00E+00	9.39E-12	1.71E-12	1.08E-11	1.67E-12	1.57E-12	2.52E-11
6068	477097.27	3849654.41	8.35E-08	8.25E-08	8.01E-08	2.89E-11	8.73E-11	5.06E-11	4.99E-11	4.52E-11	2.06E-11	2.00E-11	0.00E+00	0.00E+00	9.30E-12	1.69E-12	1.07E-11	1.66E-12	1.55E-12	2.49E-11
6069	477009.41	3849611.76	8.24E-08	8.13E-08	7.89E-08	2.85E-11	8.61E-11	4.98E-11	4.92E-11	4.46E-11	2.03E-11	1.98E-11	0.00E+00	0.00E+00	9.17E-12	1.67E-12	1.06E-11	1.63E-12	1.53E-12	2.46E-11
6070	476841.49	3849530.08	8.08E-08	7.98E-08	7.75E-08	2.80E-11	8.45E-11	4.89E-11	4.83E-11	4.37E-11	2.00E-11	1.94E-11	0.00E+00	0.00E+00	9.00E-12	1.64E-12	1.04E-11	1.60E-12	1.50E-12	2.41E-11
6071	476761.41	3849491.05	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	0.00E+00	0.00E+00	8.94E-12	1.63E-12	1.03E-11	1.59E-12	1.49E-12	2.40E-11
6072	476681.34	3849452.02	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	0.00E+00	0.00E+00	8.85E-12	1.61E-12	1.02E-11	1.58E-12	1.48E-12	2.37E-11
6073	476601.26	3849412.99	7.86E-08	7.76E-08	7.53E-08	2.72E-11	8.22E-11	4.76E-11	4.69E-11	4.25E-11	1.94E-11	1.89E-11	0.00E+00	0.00E+00	8.75E-12	1.59E-12	1.01E-11	1.56E-12	1.46E-12	2.35E-11
6074	476456.32	3849353.67	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	0.00E+00	0.00E+00	8.53E-12	1.55E-12	9.86E-12	1.52E-12	1.42E-12	2.29E-11
6075	476305.43	3849318.84	7.65E-08	7.55E-08	7.33E-08	2.65E-11	8.00E-11	4.63E-11	4.57E-11	4.14E-11	1.89E-11	1.84E-11	0.00E+00	0.00E+00	8.52E-12	1.55E-12	9.84E-12	1.52E-12	1.42E-12	2.28E-11
6076	476129.36	3849289.99	7.60E-08	7.50E-08	7.28E-08	2.63E-11	7.94E-11	4.60E-11	4.54E-11	4.11E-11	1.88E-11	1.82E-11	0.00E+00	0.00E+00	8.46E-12	1.54E-12	9.78E-12	1.51E-12	1.41E-12	2.27E-11
6077	476039.31	3849275.68	7.57E-08	7.48E-08	7.26E-08	2.62E-11	7.92E-11	4.58E-11	4.52E-11	4.10E-11	1.87E-11	1.82E-11	0.00E+00	0.00E+00	8.43E-12	1.54E-12	9.74E-12	1.50E-12	1.41E-12	2.26E-11
6078	475949.26	3849261.38	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	0.00E+00	0.00E+00	8.31E-12	1.51E-12	9.61E-12	1.48E-12	1.39E-12	2.23E-11
6079	475859.21	3849247.08	7.43E-08	7.33E-08	7.12E-08	2.57E-11	7.77E-11	4.50E-11	4.44E-11	4.02E-11	1.84E-11	1.78E-11	0.00E+00	0.00E+00	8.27E-12	1.51E-12	9.56E-12	1.47E-12	1.38E-12	2.22E-11
6080	475769.16	3849232.77	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	0.00E+00	0.00E+00	8.20E-12	1.49E-12	9.47E-12	1.46E-12	1.37E-12	2.20E-11
6081	475585.23	3849219.27	6.65E-08	6.56E-08	6.37E-08	2.30E-11	6.95E-11	4.02E-11	3.97E-11	3.60E-11	1.64E-11	1.60E-11	0.00E+00	0.00E+00	7.40E-12	1.35E-12	8.55E-12	1.32E-12	1.24E-12	1.99E-11
6082	475444.5	3849150.35	6.96E-08	6.87E-08	6.67E-08	2.41E-11	7.28E-11	4.21E-11	4.16E-11	3.77E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.75E-12	1.41E-12	8.95E-12	1.38E-12	1.29E-12	2.08E-11
6083	475334.18	3849118.71	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	0.00E+00	0.00E+00	7.76E-12	1.41E-12	8.97E-12	1.38E-12	1.30E-12	2.08E-11
6084	475230.47	3849060.57	6.91E-08	6.82E-08	6.62E-08	2.39E-11	7.22E-11	4.18E-11	4.13E-11	3.74E-11	1.71E-11	1.66E-11	0.00E+00	0.00E+00	7.69E-12	1.40E-12	8.89E-12	1.37E-12	1.28E-12	2.06E-11
6085	475110.86	3848960.97	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	0.00E+00	0.00E+00	7.56E-12	1.38E-12	8.74E-12	1.35E-12	1.26E-12	2.03E-11
6086	475037.79	3848896.28	6.69E-08	6.60E-08	6.41E-08	2.32E-11	6.99E-11	4.05E-11	3.99E-11	3.62E-11	1.65E-11	1.60E-11	0.00E+00	0.00E+00	7.45E-12	1.36E-12	8.60E-12	1.33E-12	1.24E-12	2.00E-11
6087	474964.72	3848831.59	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	0.00E+00	0.00E+00	7.33E-12	1.33E-12	8.47E-12	1.31E-12	1.22E-12	1.97E-11
6088	474891.65	3848766.9	6.52E-08	6.43E-08	6.25E-08	2.26E-11	6.81E-11	3.94E-11	3.89E-11	3.53E-11	1.61E-11	1.56E-11	0.00E+00	0.00E+00	7.26E-12	1.32E-12	8.39E-12	1.29E-12	1.21E-12	1.95E-11

6089	474818.58	3848702.22	6.48E-08	6.40E-08	6.21E-08	2.24E-11	6.77E-11	3.92E-11	3.87E-11	3.51E-11	1.60E-11	1.55E-11	0.00E+00	0.00E+00	7.21E-12	1.31E-12	8.34E-12	1.29E-12	1.20E-12	1.94E-11
6090	474745.51	3848637.53	6.53E-08	6.45E-08	6.26E-08	2.26E-11	6.83E-11	3.95E-11	3.90E-11	3.54E-11	1.61E-11	1.57E-11	0.00E+00	0.00E+00	7.27E-12	1.32E-12	8.40E-12	1.30E-12	1.21E-12	1.95E-11

Roads - Student Risk

		2028			2033			2048		
Rec#	X, Y	Concentration [	Dose	Risk	Concentration	Dose	Risk	Concentration	Dose	Risk
1	485973.61, 3854936.51	2.74E-07	8.66E-11	2.52E-11	2.71E-07	8.55E-11	2.49E-11	2.63E-07	8.30E-11	2.41E-11
2	486023.61, 3854936.51	2.72E-07	8.57E-11	2.49E-11	2.68E-07	8.46E-11	2.46E-11	2.60E-07	8.22E-11	2.39E-11
3	486073.61, 3854936.51	2.71E-07	8.55E-11	2.49E-11	2.67E-07	8.44E-11	2.45E-11	2.60E-07	8.19E-11	2.38E-11
4	486123.61, 3854936.51	2.65E-07	8.37E-11	2.43E-11	2.62E-07	8.26E-11	2.40E-11	2.54E-07	8.02E-11	2.33E-11
5	486173.61, 3854936.51	2.67E-07	8.41E-11	2.45E-11	2.63E-07	8.30E-11	2.41E-11	2.55E-07	8.06E-11	2.34E-11
6	486223.61, 3854936.51	2.63E-07	8.30E-11	2.42E-11	2.60E-07	8.20E-11	2.38E-11	2.52E-07	7.96E-11	2.32E-11
7	486273.61, 3854936.51	2.61E-07	8.23E-11	2.39E-11	2.57E-07	8.12E-11	2.36E-11	2.50E-07	7.89E-11	2.29E-11
8	486323.61, 3854936.51	2.59E-07	8.18E-11	2.38E-11	2.56E-07	8.07E-11	2.35E-11	2.48E-07	7.84E-11	2.28E-11
9	485973.61, 3854986.51	2.85E-07	8.99E-11	2.62E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.62E-11	2.51E-11
10	486023.61, 3854986.51	2.83E-07	8.92E-11	2.59E-11	2.79E-07	8.80E-11	2.56E-11	2.71E-07	8.55E-11	2.49E-11
11	486073.61, 3854986.51	2.80E-07	8.83E-11	2.57E-11	2.76E-07	8.71E-11	2.53E-11	2.68E-07	8.46E-11	2.46E-11
12	486123.61, 3854986.51	2.77E-07	8.74E-11	2.54E-11	2.73E-07	8.63E-11	2.51E-11	2.66E-07	8.38E-11	2.44E-11
13	486173.61, 3854986.51	2.77E-07	8.74E-11	2.54E-11	2.73E-07	8.62E-11	2.51E-11	2.65E-07	8.37E-11	2.44E-11
14	486223.61, 3854986.51	2.73E-07	8.63E-11	2.51E-11	2.70E-07	8.51E-11	2.48E-11	2.62E-07	8.27E-11	2.40E-11
15	486273.61, 3854986.51	2.69E-07	8.48E-11	2.47E-11	2.65E-07	8.37E-11	2.43E-11	2.57E-07	8.12E-11	2.36E-11
16	486323.61, 3854986.51	2.71E-07	8.54E-11	2.48E-11	2.67E-07	8.43E-11	2.45E-11	2.59E-07	8.18E-11	2.38E-11
17	485973.61, 3855036.51	2.97E-07	9.37E-11	2.73E-11	2.93E-07	9.25E-11	2.69E-11	2.85E-07	8.98E-11	2.61E-11
18	486023.61, 3855036.51	2.93E-07	9.26E-11	2.69E-11	2.89E-07	9.14E-11	2.66E-11	2.81E-07	8.87E-11	2.58E-11
19	486073.61, 3855036.51	2.89E-07	9.11E-11	2.65E-11	2.85E-07	8.99E-11	2.62E-11	2.77E-07	8.73E-11	2.54E-11
20	486123.61, 3855036.51	2.86E-07	9.03E-11	2.63E-11	2.82E-07	8.91E-11	2.59E-11	2.74E-07	8.66E-11	2.52E-11
21	486173.61, 3855036.51	2.86E-07	9.04E-11	2.63E-11	2.83E-07	8.92E-11	2.60E-11	2.75E-07	8.66E-11	2.52E-11
22	486223.61, 3855036.51	2.82E-07	8.90E-11	2.59E-11	2.78E-07	8.78E-11	2.55E-11	2.70E-07	8.53E-11	2.48E-11
23	486273.61, 3855036.51	2.82E-07	8.91E-11	2.59E-11	2.79E-07	8.79E-11	2.56E-11	2.71E-07	8.54E-11	2.48E-11
24	486323.61, 3855036.51	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.69E-11	2.53E-11	2.67E-07	8.44E-11	2.45E-11
25	485973.61, 3855086.51	3.09E-07	9.75E-11	2.84E-11	3.05E-07	9.63E-11	2.80E-11	2.96E-07	9.35E-11	2.72E-11
26	486023.61, 3855086.51	3.06E-07	9.65E-11	2.81E-11	3.02E-07	9.53E-11	2.77E-11	2.93E-07	9.25E-11	2.69E-11
27	486073.61, 3855086.51	3.00E-07	9.47E-11	2.75E-11	2.96E-07	9.34E-11	2.72E-11	2.87E-07	9.07E-11	2.64E-11
28	486123.61, 3855086.51	2.99E-07	9.43E-11	2.74E-11	2.95E-07	9.30E-11	2.71E-11	2.86E-07	9.03E-11	2.63E-11
29	486173.61, 3855086.51	2.95E-07	9.30E-11	2.71E-11	2.91E-07	9.18E-11	2.67E-11	2.82E-07	8.92E-11	2.59E-11
30	486223.61, 3855086.51	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.81E-07	8.88E-11	2.58E-11
31	485973.61, 3855136.51	3.24E-07	1.02E-10	2.97E-11	3.20E-07	1.01E-10	2.94E-11	3.11E-07	9.80E-11	2.85E-11
32	486023.61, 3855136.51	3.18E-07	1.01E-10	2.92E-11	3.14E-07	9.92E-11	2.89E-11	3.05E-07	9.63E-11	2.80E-11
33	486073.61, 3855136.51	3.13E-07	9.89E-11	2.88E-11	3.09E-07	9.76E-11	2.84E-11	3.00E-07	9.47E-11	2.76E-11
34	486123.61, 3855136.51	3.10E-07	9.78E-11	2.84E-11	3.06E-07	9.65E-11	2.81E-11	2.97E-07	9.37E-11	2.73E-11
35	486173.61, 3855136.51	3.06E-07	9.67E-11	2.81E-11	3.02E-07	9.55E-11	2.78E-11	2.94E-07	9.27E-11	2.70E-11
36	486223.61, 3855136.51	3.04E-07	9.60E-11	2.79E-11	3.00E-07	9.47E-11	2.76E-11	2.91E-07	9.20E-11	2.68E-11
37	485973.61, 3855186.51	3.40E-07	1.07E-10	3.12E-11	3.36E-07	1.06E-10	3.08E-11	3.26E-07	1.03E-10	2.99E-11
38	486023.61, 3855186.51	3.34E-07	1.05E-10	3.07E-11	3.30E-07	1.04E-10	3.03E-11	3.20E-07	1.01E-10	2.94E-11
39	486073.61, 3855186.51	3.26E-07	1.03E-10	3.00E-11	3.22E-07	1.02E-10	2.96E-11	3.13E-07	9.87E-11	2.87E-11
40	486123.61, 3855186.51	3.20E-07	1.01E-10	2.94E-11	3.16E-07	9.97E-11	2.90E-11	3.07E-07	9.68E-11	2.82E-11
41	486173.61, 3855186.51	3.17E-07	9.99E-11	2.91E-11	3.12E-07	9.86E-11	2.87E-11	3.03E-07	9.58E-11	2.79E-11
42	486223.61, 3855186.51	3.14E-07	9.91E-11	2.88E-11	3.10E-07	9.78E-11	2.85E-11	3.01E-07	9.50E-11	2.76E-11
43	486273.61, 3855186.51	3.11E-07	9.81E-11	2.85E-11	3.07E-07	9.68E-11	2.82E-11	2.98E-07	9.40E-11	2.74E-11
44	486323.61, 3855186.51	3.15E-07	9.95E-11	2.89E-11	3.11E-07	9.82E-11	2.86E-11	3.02E-07	9.53E-11	2.77E-11
45	485973.61, 3855236.51	3.56E-07	1.12E-10	3.27E-11	3.51E-07	1.11E-10	3.23E-11	3.41E-07	1.08E-10	3.13E-11
46	486023.61, 3855236.51	3.47E-07	1.10E-10	3.19E-11	3.43E-07	1.08E-10	3.15E-11	3.33E-07	1.05E-10	3.06E-11
47	486073.61, 3855236.51	3.39E-07	1.07E-10	3.11E-11	3.34E-07	1.05E-10	3.07E-11	3.25E-07	1.02E-10	2.98E-11
48	486123.61, 3855236.51	3.33E-07	1.05E-10	3.05E-11	3.28E-07	1.04E-10	3.01E-11	3.19E-07	1.01E-10	2.93E-11
49	486173.61, 3855236.51	3.28E-07	1.04E-10	3.02E-11	3.24E-07	1.02E-10	2.98E-11	3.15E-07	9.94E-11	2.89E-11
50	486223.61, 3855236.51	3.24E-07	1.02E-10	2.98E-11	3.20E-07	1.01E-10	2.94E-11	3.11E-07	9.81E-11	2.85E-11
51	486273.61, 3855236.51	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.05E-07	9.61E-11	2.80E-11
52	486323.61, 3855236.51	3.26E-07	1.03E-10	2.99E-11	3.21E-07	1.01E-10	2.95E-11	3.12E-07	9.85E-11	2.87E-11
53	485973.61, 3855286.51	3.72E-07	1.17E-10	3.42E-11	3.67E-07	1.16E-10	3.37E-11	3.57E-07	1.13E-10	3.27E-11
54	486023.61, 3855286.51	3.62E-07	1.14E-10	3.33E-11	3.58E-07	1.13E-10	3.28E-11	3.47E-07	1.10E-10	3.19E-11
55	486073.61, 3855286.51	3.54E-07	1.12E-10	3.25E-11	3.49E-07	1.10E-10	3.21E-11	3.39E-07	1.07E-10	3.12E-11
56	486123.61, 3855286.51	3.46E-07	1.09E-10	3.17E-11	3.41E-07	1.08E-10	3.13E-11	3.31E-07	1.05E-10	3.04E-11
57	486173.61, 3855286.51	3.39E-07	1.07E-10	3.11E-11	3.35E-07	1.06E-10	3.07E-11	3.25E-07	1.03E-10	2.98E-11
58	486223.61, 3855286.51	3.36E-07	1.06E-10	3.08E-11	3.31E-07	1.05E-10	3.04E-11	3.22E-07	1.02E-10	2.95E-11
59	486123.61, 3855336.51	3.60E-07	1.13E-10	3.30E-11	3.55E-07	1.12E-10	3.26E-11	3.45E-07	1.09E-10	3.16E-11
60	486173.61, 3855336.51	3.53E-07	1.12E-10	3.24E-11	3.49E-07	1.10E-10	3.20E-11	3.39E-07	1.07E-10	3.11E-11
61	486223.61, 3855336.51	3.48E-07	1.10E-10	3.19E-11	3.43E-07	1.08E-10	3.15E-11	3.33E-07	1.05E-10	3.06E-11
62	486123.61, 3855386.51	3.75E-07	1.18E-10	3.45E-11	3.70E-07	1.17E-10	3.40E-11	3.60E-07	1.14E-10	3.30E-11
63	486173.61, 3855386.51	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.33E-11	3.53E-07	1.11E-10	3.24E-11
64	486223.61, 3855386.51	3.62E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.28E-11	3.47E-07	1.10E-10	3.19E-11
65	486533.18, 3855443.15	3.63E-07	1.15E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11
66	486583.18, 3855443.15	3.60E-07	1.14E-10	3.31E-11	3.55E-07	1.12E-10	3.26E-11	3.45E-07	1.09E-10	3.17E-11
67	486633.18, 3855443.15	3.57E-07	1.13E-10	3.28E-11	3.52E-07	1.11E-10	3.24E-11	3.42E-07	1.08E-10	3.14E-11
68	486683.18, 3855443.15	3.57E-07	1.13E-10	3.27E-11	3.52E-07	1.11E-10	3.23E-11	3.42E-07	1.08E-10	3.14E-11
69	486533.18, 3855493.15	3.75E-07	1.18E-10	3.44E-11	3.70E-07	1.17E-10	3.40E-11	3.59E-07	1.13E-10	3.30E-11

70	486583.18, 3855493.15	3.73E-07	1.18E-10	3.42E-11	3.68E-07	1.16E-10	3.38E-11	3.57E-07	1.13E-10	3.28E-11
71	486633.18, 3855493.15	3.70E-07	1.17E-10	3.40E-11	3.65E-07	1.15E-10	3.35E-11	3.55E-07	1.12E-10	3.26E-11
72	486683.18, 3855493.15	3.68E-07	1.16E-10	3.37E-11	3.63E-07	1.15E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
73	486533.18, 3855543.15	3.89E-07	1.23E-10	3.57E-11	3.84E-07	1.21E-10	3.52E-11	3.72E-07	1.18E-10	3.42E-11
74	486583.18, 3855543.15	3.84E-07	1.21E-10	3.53E-11	3.79E-07	1.20E-10	3.48E-11	3.68E-07	1.16E-10	3.38E-11
75	486633.18, 3855543.15	3.82E-07	1.21E-10	3.51E-11	3.77E-07	1.19E-10	3.46E-11	3.66E-07	1.16E-10	3.36E-11
76	486683.18, 3855543.15	3.77E-07	1.19E-10	3.46E-11	3.72E-07	1.17E-10	3.41E-11	3.61E-07	1.14E-10	3.31E-11
77	486533.18, 3855593.15	4.01E-07	1.27E-10	3.68E-11	3.96E-07	1.25E-10	3.64E-11	3.85E-07	1.21E-10	3.53E-11
78	486583.18, 3855593.15	3.97E-07	1.25E-10	3.65E-11	3.92E-07	1.24E-10	3.60E-11	3.81E-07	1.20E-10	3.50E-11
79	486633.18, 3855593.15	3.94E-07	1.24E-10	3.62E-11	3.89E-07	1.23E-10	3.57E-11	3.78E-07	1.19E-10	3.47E-11
80	486683.18, 3855593.15	3.93E-07	1.24E-10	3.60E-11	3.87E-07	1.22E-10	3.56E-11	3.76E-07	1.19E-10	3.45E-11
81	486533.18, 3855643.15	4.15E-07	1.31E-10	3.81E-11	4.10E-07	1.29E-10	3.76E-11	3.98E-07	1.26E-10	3.65E-11
82	486583.18, 3855643.15	4.12E-07	1.30E-10	3.78E-11	4.06E-07	1.28E-10	3.73E-11	3.94E-07	1.25E-10	3.62E-11
83	486633.18, 3855643.15	4.08E-07	1.29E-10	3.75E-11	4.03E-07	1.27E-10	3.70E-11	3.91E-07	1.24E-10	3.59E-11
84	486683.18, 3855643.15	4.06E-07	1.28E-10	3.73E-11	4.00E-07	1.26E-10	3.68E-11	3.89E-07	1.23E-10	3.57E-11
85	486533.18, 3855693.15	4.32E-07	1.36E-10	3.96E-11	4.26E-07	1.34E-10	3.91E-11	4.14E-07	1.31E-10	3.80E-11
86	486583.18, 3855693.15	4.25E-07	1.34E-10	3.90E-11	4.19E-07	1.32E-10	3.85E-11	4.07E-07	1.28E-10	3.74E-11
87	486633.18, 3855693.15	4.18E-07	1.32E-10	3.84E-11	4.13E-07	1.30E-10	3.79E-11	4.01E-07	1.27E-10	3.68E-11
88	486683.18, 3855693.15	4.19E-07	1.32E-10	3.85E-11	4.14E-07	1.31E-10	3.80E-11	4.02E-07	1.27E-10	3.69E-11
89	486733.18, 3855693.15	4.23E-07	1.33E-10	3.88E-11	4.17E-07	1.32E-10	3.83E-11	4.05E-07	1.28E-10	3.72E-11
90	486783.18, 3855693.15	4.28E-07	1.35E-10	3.93E-11	4.23E-07	1.33E-10	3.88E-11	4.10E-07	1.30E-10	3.77E-11
91	486533.18, 3855743.15	4.47E-07	1.41E-10	4.11E-11	4.42E-07	1.39E-10	4.05E-11	4.29E-07	1.35E-10	3.94E-11
92	486583.18, 3855743.15	4.37E-07	1.38E-10	4.01E-11	4.31E-07	1.36E-10	3.96E-11	4.19E-07	1.32E-10	3.85E-11
93	486633.18, 3855743.15	4.32E-07	1.36E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.14E-07	1.31E-10	3.80E-11
94	486683.18, 3855743.15	4.35E-07	1.37E-10	4.00E-11	4.30E-07	1.36E-10	3.94E-11	4.17E-07	1.32E-10	3.83E-11
95	486733.18, 3855743.15	4.36E-07	1.38E-10	4.00E-11	4.30E-07	1.36E-10	3.95E-11	4.18E-07	1.32E-10	3.83E-11
96	486783.18, 3855743.15	4.43E-07	1.40E-10	4.07E-11	4.38E-07	1.38E-10	4.02E-11	4.25E-07	1.34E-10	3.90E-11
97	486533.18, 3855793.15	4.65E-07	1.47E-10	4.27E-11	4.59E-07	1.45E-10	4.21E-11	4.46E-07	1.41E-10	4.09E-11
98	486583.18, 3855793.15	4.49E-07	1.42E-10	4.12E-11	4.43E-07	1.40E-10	4.07E-11	4.30E-07	1.36E-10	3.95E-11
99	486633.18, 3855793.15	4.50E-07	1.42E-10	4.13E-11	4.44E-07	1.40E-10	4.08E-11	4.32E-07	1.36E-10	3.96E-11
100	486683.18, 3855793.15	4.53E-07	1.43E-10	4.16E-11	4.47E-07	1.41E-10	4.11E-11	4.34E-07	1.37E-10	3.99E-11
101	486733.18, 3855793.15	4.55E-07	1.44E-10	4.18E-11	4.49E-07	1.42E-10	4.12E-11	4.36E-07	1.38E-10	4.00E-11
102	486783.18, 3855793.15	4.58E-07	1.44E-10	4.20E-11	4.52E-07	1.43E-10	4.15E-11	4.39E-07	1.38E-10	4.03E-11
103	486533.18, 3855843.15	4.80E-07	1.51E-10	4.41E-11	4.74E-07	1.49E-10	4.35E-11	4.60E-07	1.45E-10	4.22E-11
104	486583.18, 3855843.15	4.67E-07	1.47E-10	4.29E-11	4.61E-07	1.45E-10	4.23E-11	4.48E-07	1.41E-10	4.11E-11
105	486633.18, 3855843.15	4.68E-07	1.48E-10	4.29E-11	4.61E-07	1.46E-10	4.24E-11	4.48E-07	1.41E-10	4.11E-11
106	486683.18, 3855843.15	4.70E-07	1.48E-10	4.31E-11	4.63E-07	1.46E-10	4.25E-11	4.50E-07	1.42E-10	4.13E-11
107	486733.18, 3855843.15	4.72E-07	1.49E-10	4.34E-11	4.66E-07	1.47E-10	4.28E-11	4.53E-07	1.43E-10	4.16E-11
108	486783.18, 3855843.15	4.75E-07	1.50E-10	4.36E-11	4.69E-07	1.48E-10	4.30E-11	4.55E-07	1.44E-10	4.18E-11
109	486533.18, 3855893.15	4.90E-07	1.55E-10	4.50E-11	4.84E-07	1.53E-10	4.44E-11	4.70E-07	1.48E-10	4.32E-11
110	486583.18, 3855893.15	4.88E-07	1.54E-10	4.48E-11	4.82E-07	1.52E-10	4.42E-11	4.68E-07	1.48E-10	4.29E-11
111	486633.18, 3855893.15	4.86E-07	1.53E-10	4.46E-11	4.80E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.28E-11
112	486683.18, 3855893.15	4.87E-07	1.54E-10	4.47E-11	4.81E-07	1.52E-10	4.41E-11	4.67E-07	1.47E-10	4.28E-11
113	486733.18, 3855893.15	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
114	486783.18, 3855893.15	4.93E-07	1.56E-10	4.53E-11	4.87E-07	1.54E-10	4.47E-11	4.73E-07	1.49E-10	4.34E-11
115	486533.18, 3855943.15	5.09E-07	1.61E-10	4.67E-11	5.02E-07	1.58E-10	4.61E-11	4.88E-07	1.54E-10	4.48E-11
116	486583.18, 3855943.15	5.10E-07	1.61E-10	4.68E-11	5.04E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
117	486633.18, 3855943.15	5.06E-07	1.60E-10	4.65E-11	4.99E-07	1.58E-10	4.59E-11	4.85E-07	1.53E-10	4.45E-11
118	486683.18, 3855943.15	5.07E-07	1.60E-10	4.66E-11	5.01E-07	1.58E-10	4.60E-11	4.86E-07	1.53E-10	4.46E-11
119	486733.18, 3855943.15	5.07E-07	1.60E-10	4.65E-11	5.00E-07	1.58E-10	4.59E-11	4.86E-07	1.53E-10	4.46E-11
120	486783.18, 3855943.15	5.11E-07	1.61E-10	4.70E-11	5.05E-07	1.59E-10	4.63E-11	4.90E-07	1.55E-10	4.50E-11
121	486533.18, 3855993.15	5.31E-07	1.68E-10	4.87E-11	5.24E-07	1.65E-10	4.81E-11	5.09E-07	1.61E-10	4.67E-11
122	486583.18, 3855993.15	5.30E-07	1.67E-10	4.86E-11	5.23E-07	1.65E-10	4.80E-11	5.08E-07	1.60E-10	4.66E-11
123	486633.18, 3855993.15	5.28E-07	1.67E-10	4.84E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.64E-11
124	486683.18, 3855993.15	5.28E-07	1.67E-10	4.84E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.64E-11
125	486733.18, 3855993.15	5.27E-07	1.66E-10	4.84E-11	5.20E-07	1.64E-10	4.77E-11	5.05E-07	1.59E-10	4.64E-11
126	486783.18, 3855993.15	5.29E-07	1.67E-10	4.86E-11	5.22E-07	1.65E-10	4.79E-11	5.07E-07	1.60E-10	4.65E-11
127	486533.18, 3856043.15	5.51E-07	1.74E-10	5.06E-11	5.44E-07	1.72E-10	5.00E-11	5.28E-07	1.67E-10	4.85E-11
128	486583.18, 3856043.15	5.53E-07	1.74E-10	5.08E-11	5.46E-07	1.72E-10	5.01E-11	5.30E-07	1.67E-10	4.86E-11
129	486633.18, 3856043.15	5.50E-07	1.74E-10	5.05E-11	5.43E-07	1.71E-10	4.98E-11	5.27E-07	1.66E-10	4.84E-11
130	486683.18, 3856043.15	5.50E-07	1.74E-10	5.05E-11	5.43E-07	1.71E-10	4.99E-11	5.27E-07	1.66E-10	4.84E-11
131	486733.18, 3856043.15	5.48E-07	1.73E-10	5.03E-11	5.40E-07	1.71E-10	4.96E-11	5.25E-07	1.66E-10	4.82E-11
132	486783.18, 3856043.15	5.51E-07	1.74E-10	5.05E-11	5.43E-07	1.72E-10	4.99E-11	5.28E-07	1.67E-10	4.84E-11
133	486533.18, 3856093.15	5.74E-07	1.81E-10	5.27E-11	5.66E-07	1.79E-10	5.20E-11	5.50E-07	1.74E-10	5.05E-11
134	486583.18, 3856093.15	5.74E-07	1.81E-10	5.27E-11	5.67E-07	1.79E-10	5.20E-11	5.51E-07	1.74E-10	5.05E-11
135	486633.18, 3856093.15	5.73E-07	1.81E-10	5.26E-11	5.66E-07	1.79E-10	5.19E-11	5.49E-07	1.73E-10	5.04E-11
136	486683.18, 3856093.15	5.73E-07	1.81E-10	5.26E-11	5.66E-07	1.79E-10	5.19E-11	5.49E-07	1.73E-10	5.04E-11
137	486733.18, 3856093.15	5.71E-07	1.80E-10	5.24E-11	5.63E-07	1.78E-10	5.17E-11	5.47E-07	1.73E-10	5.02E-11
138	486783.18, 3856093.15	5.72E-07	1.80E-10	5.25E-11	5.64E-07	1.78E-10	5.18E-11	5.48E-07	1.73E-10	5.03E-11
139	486533.18, 3856143.15	5.94E-07	1.87E-10	5.45E-11	5.86E-07	1.85E-10	5.38E-11	5.69E-07	1.80E-10	5.23E-11
140	486583.18, 3856143.15	5.94E-07	1.87E-10	5.45E-11	5.86E-07	1.85E-10	5.38E-11	5.69E-07	1.80E-10	5.23E-11
141	486633.18, 3856143.15	5.96E-07	1.88E-10	5.47E-11	5.88E-07	1.86E-10	5.40E-11	5.71E-07	1.80E-10	5.25E-11
142	486683.18, 3856143.15	5.96E-07	1.88E-10	5.47E-11	5.88E-07	1.86E-10	5.40E-11	5.71E-07	1.80E-10	5.24E-11

143	486733.18, 3856143.15	5.95E-07	1.88E-10	5.46E-11	5.87E-07	1.85E-10	5.39E-11	5.70E-07	1.80E-10	5.23E-11
144	486783.18, 3856143.15	5.97E-07	1.89E-10	5.48E-11	5.90E-07	1.86E-10	5.41E-11	5.72E-07	1.81E-10	5.26E-11
145	486533.18, 3856193.15	6.15E-07	1.94E-10	5.65E-11	6.07E-07	1.92E-10	5.57E-11	5.90E-07	1.86E-10	5.41E-11
146	486583.18, 3856193.15	6.15E-07	1.94E-10	5.65E-11	6.07E-07	1.92E-10	5.57E-11	5.90E-07	1.86E-10	5.41E-11
147	486633.18, 3856193.15	6.18E-07	1.95E-10	5.68E-11	6.10E-07	1.93E-10	5.60E-11	5.93E-07	1.87E-10	5.44E-11
148	486683.18, 3856193.15	6.22E-07	1.96E-10	5.71E-11	6.14E-07	1.94E-10	5.64E-11	5.97E-07	1.88E-10	5.48E-11
149	486733.18, 3856193.15	6.21E-07	1.96E-10	5.70E-11	6.13E-07	1.93E-10	5.63E-11	5.95E-07	1.88E-10	5.46E-11
150	486783.18, 3856193.15	6.23E-07	1.97E-10	5.72E-11	6.15E-07	1.94E-10	5.65E-11	5.97E-07	1.89E-10	5.48E-11
151	486533.18, 3856243.15	6.33E-07	2.00E-10	5.81E-11	6.25E-07	1.97E-10	5.74E-11	6.07E-07	1.92E-10	5.57E-11
152	486583.18, 3856243.15	6.38E-07	2.01E-10	5.86E-11	6.30E-07	1.99E-10	5.78E-11	6.12E-07	1.93E-10	5.62E-11
153	486633.18, 3856243.15	6.42E-07	2.02E-10	5.89E-11	6.33E-07	2.00E-10	5.81E-11	6.15E-07	1.94E-10	5.64E-11
154	486683.18, 3856243.15	6.45E-07	2.04E-10	5.92E-11	6.37E-07	2.01E-10	5.85E-11	6.18E-07	1.95E-10	5.68E-11
155	486733.18, 3856243.15	6.49E-07	2.05E-10	5.95E-11	6.40E-07	2.02E-10	5.88E-11	6.22E-07	1.96E-10	5.71E-11
156	486783.18, 3856243.15	6.49E-07	2.05E-10	5.95E-11	6.40E-07	2.02E-10	5.88E-11	6.22E-07	1.96E-10	5.71E-11
157	486533.18, 3856293.15	6.50E-07	2.05E-10	5.97E-11	6.41E-07	2.02E-10	5.89E-11	6.23E-07	1.97E-10	5.72E-11
158	486583.18, 3856293.15	6.57E-07	2.07E-10	6.04E-11	6.49E-07	2.05E-10	5.96E-11	6.30E-07	1.99E-10	5.78E-11
159	486633.18, 3856293.15	6.64E-07	2.10E-10	6.10E-11	6.55E-07	2.07E-10	6.02E-11	6.36E-07	2.01E-10	5.84E-11
160	486683.18, 3856293.15	6.69E-07	2.11E-10	6.14E-11	6.60E-07	2.08E-10	6.06E-11	6.41E-07	2.02E-10	5.89E-11
161	486733.18, 3856293.15	6.75E-07	2.13E-10	6.20E-11	6.66E-07	2.10E-10	6.12E-11	6.47E-07	2.04E-10	5.94E-11
162	486783.18, 3856293.15	6.76E-07	2.13E-10	6.21E-11	6.67E-07	2.11E-10	6.13E-11	6.48E-07	2.05E-10	5.95E-11
163	486783.18, 3856343.15	7.07E-07	2.23E-10	6.49E-11	6.97E-07	2.20E-10	6.40E-11	6.77E-07	2.14E-10	6.22E-11
164	486833.18, 3856343.15	7.09E-07	2.24E-10	6.51E-11	7.00E-07	2.21E-10	6.42E-11	6.80E-07	2.14E-10	6.24E-11
165	486883.18, 3856343.15	7.10E-07	2.24E-10	6.52E-11	7.01E-07	2.21E-10	6.44E-11	6.81E-07	2.15E-10	6.25E-11
166	486783.18, 3856393.15	7.32E-07	2.31E-10	6.72E-11	7.22E-07	2.28E-10	6.63E-11	7.02E-07	2.21E-10	6.44E-11
167	486833.18, 3856393.15	7.37E-07	2.33E-10	6.77E-11	7.27E-07	2.30E-10	6.68E-11	7.06E-07	2.23E-10	6.49E-11
168	486883.18, 3856393.15	7.37E-07	2.33E-10	6.77E-11	7.28E-07	2.30E-10	6.68E-11	7.07E-07	2.23E-10	6.49E-11
169	487208.74, 3856886.11	1.14E-06	3.60E-10	1.05E-10	1.12E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
170	487258.74, 3856886.11	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
171	487308.74, 3856886.11	1.15E-06	3.63E-10	1.06E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
172	487358.74, 3856886.11	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
173	487208.74, 3856936.11	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
174	487258.74, 3856936.11	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.08E-10	1.15E-06	3.62E-10	1.05E-10
175	487308.74, 3856936.11	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
176	487358.74, 3856936.11	1.21E-06	3.82E-10	1.11E-10	1.19E-06	3.77E-10	1.10E-10	1.16E-06	3.66E-10	1.06E-10
177	487208.74, 3856986.11	1.21E-06	3.82E-10	1.11E-10	1.20E-06	3.77E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
178	487258.74, 3856986.11	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.76E-10	1.10E-10
179	487308.74, 3856986.11	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
180	487358.74, 3856986.11	1.27E-06	4.02E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
181	487208.74, 3857036.11	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.84E-10	1.12E-10	1.18E-06	3.73E-10	1.08E-10
182	487258.74, 3857036.11	1.28E-06	4.03E-10	1.17E-10	1.26E-06	3.98E-10	1.16E-10	1.22E-06	3.86E-10	1.12E-10
183	487308.74, 3857036.11	1.31E-06	4.14E-10	1.20E-10	1.30E-06	4.09E-10	1.19E-10	1.26E-06	3.97E-10	1.15E-10
184	487358.74, 3857036.11	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
185	487427.14, 3856878.23	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.56E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
186	487477.14, 3856878.23	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
187	487527.14, 3856878.23	1.15E-06	3.63E-10	1.06E-10	1.14E-06	3.59E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
188	487427.14, 3856928.23	1.20E-06	3.79E-10	1.10E-10	1.18E-06	3.74E-10	1.09E-10	1.15E-06	3.63E-10	1.06E-10
189	487477.14, 3856928.23	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.74E-10	1.09E-10	1.15E-06	3.63E-10	1.06E-10
190	487527.14, 3856928.23	1.20E-06	3.80E-10	1.10E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
191	487577.14, 3856928.23	1.21E-06	3.82E-10	1.11E-10	1.19E-06	3.77E-10	1.10E-10	1.16E-06	3.66E-10	1.07E-10
192	487627.14, 3856928.23	1.22E-06	3.85E-10	1.12E-10	1.20E-06	3.80E-10	1.10E-10	1.17E-06	3.69E-10	1.07E-10
193	487677.14, 3856928.23	1.23E-06	3.90E-10	1.13E-10	1.22E-06	3.85E-10	1.12E-10	1.18E-06	3.73E-10	1.09E-10
194	487727.14, 3856928.23	1.25E-06	3.95E-10	1.15E-10	1.24E-06	3.90E-10	1.13E-10	1.20E-06	3.79E-10	1.10E-10
195	487777.14, 3856928.23	1.26E-06	3.99E-10	1.16E-10	1.25E-06	3.94E-10	1.15E-10	1.21E-06	3.82E-10	1.11E-10
196	487427.14, 3856978.23	1.26E-06	3.98E-10	1.16E-10	1.25E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
197	487477.14, 3856978.23	1.26E-06	3.98E-10	1.16E-10	1.25E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
198	487527.14, 3856978.23	1.26E-06	3.99E-10	1.16E-10	1.25E-06	3.94E-10	1.15E-10	1.21E-06	3.82E-10	1.11E-10
199	487577.14, 3856978.23	1.27E-06	4.00E-10	1.16E-10	1.25E-06	3.95E-10	1.15E-10	1.21E-06	3.83E-10	1.12E-10
200	487627.14, 3856978.23	1.27E-06	4.02E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
201	487677.14, 3856978.23	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.01E-10	1.17E-10	1.23E-06	3.89E-10	1.13E-10
202	487727.14, 3856978.23	1.29E-06	4.08E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.91E-10	1.14E-10
203	487777.14, 3856978.23	1.32E-06	4.17E-10	1.21E-10	1.30E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
204	487427.14, 3857028.23	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
205	487477.14, 3857028.23	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
206	487527.14, 3857028.23	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.14E-10	1.20E-10	1.27E-06	4.02E-10	1.17E-10
207	487577.14, 3857028.23	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
208	487627.14, 3857028.23	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
209	487677.14, 3857028.23	1.34E-06	4.24E-10	1.23E-10	1.33E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
210	487727.14, 3857028.23	1.36E-06	4.30E-10	1.25E-10	1.34E-06	4.24E-10	1.23E-10	1.31E-06	4.12E-10	1.20E-10
211	487777.14, 3857028.23	1.38E-06	4.35E-10	1.27E-10	1.36E-06	4.30E-10	1.25E-10	1.32E-06	4.17E-10	1.21E-10
212	487427.14, 3857078.23	1.40E-06	4.43E-10	1.29E-10	1.39E-06	4.37E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
213	487477.14, 3857078.23	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.26E-10	1.24E-10
214	487527.14, 3857078.23	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
215	487577.14, 3857078.23	1.40E-06	4.43E-10	1.29E-10	1.38E-06	4.37E-10	1.27E-10	1.34E-06	4.24E-10	1.23E-10

216	487627.14, 3857078.23	1.40E-06	4.43E-10	1.29E-10	1.38E-06	4.37E-10	1.27E-10	1.34E-06	4.24E-10	1.23E-10
217	487677.14, 3857078.23	1.41E-06	4.45E-10	1.29E-10	1.39E-06	4.39E-10	1.28E-10	1.35E-06	4.26E-10	1.24E-10
218	487727.14, 3857078.23	1.42E-06	4.50E-10	1.31E-10	1.41E-06	4.44E-10	1.29E-10	1.37E-06	4.31E-10	1.25E-10
219	487777.14, 3857078.23	1.44E-06	4.54E-10	1.32E-10	1.42E-06	4.48E-10	1.30E-10	1.38E-06	4.35E-10	1.27E-10
220	487427.14, 3857128.23	1.47E-06	4.64E-10	1.35E-10	1.45E-06	4.58E-10	1.33E-10	1.41E-06	4.45E-10	1.29E-10
221	487477.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.49E-10	1.31E-10
222	487527.14, 3857128.23	1.48E-06	4.69E-10	1.36E-10	1.47E-06	4.63E-10	1.35E-10	1.42E-06	4.49E-10	1.31E-10
223	487577.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
224	487627.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
225	487677.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
226	487727.14, 3857128.23	1.50E-06	4.72E-10	1.37E-10	1.48E-06	4.66E-10	1.36E-10	1.43E-06	4.53E-10	1.32E-10
227	487777.14, 3857128.23	1.51E-06	4.76E-10	1.38E-10	1.49E-06	4.70E-10	1.37E-10	1.45E-06	4.56E-10	1.33E-10
228	488049.44, 3856539.39	9.99E-07	3.15E-10	9.17E-11	9.86E-07	3.11E-10	9.05E-11	9.57E-07	3.02E-10	8.79E-11
229	488099.44, 3856539.39	1.00E-06	3.17E-10	9.22E-11	9.91E-07	3.13E-10	9.10E-11	9.62E-07	3.04E-10	8.84E-11
230	488149.44, 3856539.39	1.01E-06	3.20E-10	9.30E-11	1.00E-06	3.16E-10	9.18E-11	9.71E-07	3.06E-10	8.91E-11
231	488049.44, 3856589.39	1.04E-06	3.28E-10	9.53E-11	1.02E-06	3.23E-10	9.41E-11	9.95E-07	3.14E-10	9.14E-11
232	488099.44, 3856589.39	1.04E-06	3.30E-10	9.59E-11	1.03E-06	3.26E-10	9.47E-11	1.00E-06	3.16E-10	9.19E-11
233	488149.44, 3856589.39	1.05E-06	3.32E-10	9.66E-11	1.04E-06	3.28E-10	9.54E-11	1.01E-06	3.18E-10	9.26E-11
234	488199.44, 3856589.39	1.06E-06	3.34E-10	9.72E-11	1.04E-06	3.30E-10	9.59E-11	1.01E-06	3.20E-10	9.31E-11
235	488249.44, 3856589.39	1.07E-06	3.39E-10	9.86E-11	1.06E-06	3.35E-10	9.73E-11	1.03E-06	3.25E-10	9.45E-11
236	488049.44, 3856639.39	1.08E-06	3.41E-10	9.91E-11	1.06E-06	3.36E-10	9.78E-11	1.03E-06	3.26E-10	9.49E-11
237	488099.44, 3856639.39	1.09E-06	3.43E-10	9.97E-11	1.07E-06	3.38E-10	9.84E-11	1.04E-06	3.28E-10	9.55E-11
238	488149.44, 3856639.39	1.09E-06	3.45E-10	1.00E-10	1.08E-06	3.41E-10	9.91E-11	1.05E-06	3.31E-10	9.62E-11
239	488199.44, 3856639.39	1.10E-06	3.48E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.71E-11
240	488249.44, 3856639.39	1.11E-06	3.52E-10	1.02E-10	1.10E-06	3.47E-10	1.01E-10	1.07E-06	3.37E-10	9.80E-11
241	488299.44, 3856639.39	1.12E-06	3.55E-10	1.03E-10	1.11E-06	3.50E-10	1.02E-10	1.08E-06	3.40E-10	9.89E-11
242	488349.44, 3856639.39	1.13E-06	3.58E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.97E-11
243	488399.44, 3856639.39	1.15E-06	3.63E-10	1.05E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
244	488099.44, 3856689.39	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.52E-10	1.02E-10	1.08E-06	3.42E-10	9.95E-11
245	488149.44, 3856689.39	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
246	488199.44, 3856689.39	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
247	488249.44, 3856689.39	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
248	488299.44, 3856689.39	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.54E-10	1.03E-10
249	488349.44, 3856689.39	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
250	488399.44, 3856689.39	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
251	488099.44, 3856739.39	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
252	488149.44, 3856739.39	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.14E-06	3.58E-10	1.04E-10
253	488199.44, 3856739.39	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.08E-10	1.15E-06	3.62E-10	1.05E-10
254	488249.44, 3856739.39	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
255	488299.44, 3856739.39	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
256	488349.44, 3856739.39	1.22E-06	3.87E-10	1.12E-10	1.21E-06	3.81E-10	1.11E-10	1.17E-06	3.70E-10	1.08E-10
257	488399.44, 3856739.39	1.24E-06	3.92E-10	1.14E-10	1.23E-06	3.87E-10	1.13E-10	1.19E-06	3.76E-10	1.09E-10
258	487999.44, 3856789.39	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.09E-10	1.15E-06	3.63E-10	1.05E-10
259	488049.44, 3856789.39	1.21E-06	3.82E-10	1.11E-10	1.19E-06	3.77E-10	1.10E-10	1.16E-06	3.66E-10	1.06E-10
260	488099.44, 3856789.39	1.23E-06	3.87E-10	1.12E-10	1.21E-06	3.82E-10	1.11E-10	1.17E-06	3.71E-10	1.08E-10
261	488149.44, 3856789.39	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.84E-10	1.12E-10	1.18E-06	3.73E-10	1.09E-10
262	488199.44, 3856789.39	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.76E-10	1.09E-10
263	488249.44, 3856789.39	1.25E-06	3.95E-10	1.15E-10	1.24E-06	3.90E-10	1.13E-10	1.20E-06	3.79E-10	1.10E-10
264	488299.44, 3856789.39	1.26E-06	3.97E-10	1.15E-10	1.24E-06	3.92E-10	1.14E-10	1.20E-06	3.80E-10	1.11E-10
265	488349.44, 3856789.39	1.28E-06	4.03E-10	1.17E-10	1.26E-06	3.97E-10	1.16E-10	1.22E-06	3.86E-10	1.12E-10
266	488399.44, 3856789.39	1.29E-06	4.08E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.91E-10	1.14E-10
267	487949.44, 3856839.39	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.83E-10	1.12E-10	1.18E-06	3.72E-10	1.08E-10
268	487999.44, 3856839.39	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.77E-10	1.10E-10
269	488049.44, 3856839.39	1.26E-06	3.97E-10	1.15E-10	1.24E-06	3.92E-10	1.14E-10	1.21E-06	3.80E-10	1.11E-10
270	488099.44, 3856839.39	1.27E-06	4.01E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
271	488149.44, 3856839.39	1.28E-06	4.05E-10	1.18E-10	1.27E-06	4.00E-10	1.16E-10	1.23E-06	3.89E-10	1.13E-10
272	488199.44, 3856839.39	1.30E-06	4.09E-10	1.19E-10	1.28E-06	4.04E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10
273	487949.44, 3856889.39	1.28E-06	4.03E-10	1.17E-10	1.26E-06	3.98E-10	1.16E-10	1.22E-06	3.86E-10	1.12E-10
274	487999.44, 3856889.39	1.30E-06	4.09E-10	1.19E-10	1.28E-06	4.04E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10
275	488049.44, 3856889.39	1.31E-06	4.12E-10	1.20E-10	1.29E-06	4.07E-10	1.18E-10	1.25E-06	3.95E-10	1.15E-10
276	488099.44, 3856889.39	1.32E-06	4.18E-10	1.22E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
277	488635.86, 3857895.05	8.51E-06	2.69E-09	7.81E-10	8.40E-06	2.65E-09	7.71E-10	8.16E-06	2.57E-09	7.49E-10
278	489137.64, 3857804.15	7.03E-06	2.22E-09	6.45E-10	6.94E-06	2.19E-09	6.37E-10	6.74E-06	2.13E-09	6.18E-10
279	488617.32, 3857859.41	6.90E-06	2.18E-09	6.34E-10	6.81E-06	2.15E-09	6.25E-10	6.62E-06	2.09E-09	6.07E-10
280	488667.32, 3857859.41	7.18E-06	2.27E-09	6.59E-10	7.09E-06	2.24E-09	6.51E-10	6.88E-06	2.17E-09	6.32E-10
281	488717.32, 3857859.41	7.42E-06	2.34E-09	6.82E-10	7.33E-06	2.31E-09	6.73E-10	7.12E-06	2.25E-09	6.53E-10
282	488767.32, 3857859.41	7.67E-06	2.42E-09	7.04E-10	7.57E-06	2.39E-09	6.95E-10	7.35E-06	2.32E-09	6.75E-10
283	488617.32, 3857909.41	9.17E-06	2.89E-09	8.42E-10	9.05E-06	2.86E-09	8.31E-10	8.79E-06	2.77E-09	8.07E-10
284	488667.32, 3857909.41	9.45E-06	2.98E-09	8.68E-10	9.33E-06	2.94E-09	8.57E-10	9.06E-06	2.86E-09	8.32E-10
285	488717.32, 3857909.41	9.64E-06	3.04E-09	8.85E-10	9.51E-06	3.00E-09	8.73E-10	9.24E-06	2.92E-09	8.48E-10
286	488767.32, 3857909.41	9.77E-06	3.08E-09	8.97E-10	9.64E-06	3.04E-09	8.85E-10	9.36E-06	2.96E-09	8.60E-10
287	488417.32, 3857959.41	1.10E-05	3.48E-09	1.01E-09	1.09E-05	3.43E-09	9.98E-10	1.06E-05	3.33E-09	9.69E-10
288	488467.32, 3857959.41	1.18E-05	3.71E-09	1.08E-09	1.16E-05	3.66E-09	1.06E-09	1.13E-05	3.56E-09	1.03E-09

289	488517.32, 3857959.41	1.24E-05	3.92E-09	1.14E-09	1.23E-05	3.87E-09	1.12E-09	1.19E-05	3.76E-09	1.09E-09
290	488567.32, 3857959.41	1.28E-05	4.04E-09	1.18E-09	1.26E-05	3.99E-09	1.16E-09	1.23E-05	3.88E-09	1.13E-09
291	488617.32, 3857959.41	1.30E-05	4.10E-09	1.19E-09	1.28E-05	4.04E-09	1.18E-09	1.24E-05	3.93E-09	1.14E-09
292	488667.32, 3857959.41	1.30E-05	4.10E-09	1.19E-09	1.28E-05	4.04E-09	1.18E-09	1.24E-05	3.93E-09	1.14E-09
293	488717.32, 3857959.41	1.29E-05	4.06E-09	1.18E-09	1.27E-05	4.01E-09	1.17E-09	1.23E-05	3.89E-09	1.13E-09
294	488767.32, 3857959.41	1.27E-05	4.01E-09	1.17E-09	1.25E-05	3.96E-09	1.15E-09	1.22E-05	3.85E-09	1.12E-09
295	488417.32, 3858009.41	2.08E-05	6.58E-09	1.91E-09	2.06E-05	6.49E-09	1.89E-09	2.00E-05	6.31E-09	1.83E-09
296	488467.32, 3858009.41	2.12E-05	6.69E-09	1.95E-09	2.09E-05	6.60E-09	1.92E-09	2.03E-05	6.41E-09	1.87E-09
297	488517.32, 3858009.41	2.07E-05	6.55E-09	1.90E-09	2.05E-05	6.46E-09	1.88E-09	1.99E-05	6.27E-09	1.82E-09
298	488567.32, 3858009.41	1.99E-05	6.29E-09	1.83E-09	1.97E-05	6.21E-09	1.80E-09	1.91E-05	6.03E-09	1.75E-09
299	488617.32, 3858009.41	1.90E-05	6.01E-09	1.75E-09	1.88E-05	5.93E-09	1.72E-09	1.82E-05	5.76E-09	1.67E-09
300	488667.32, 3858009.41	1.82E-05	5.73E-09	1.67E-09	1.79E-05	5.65E-09	1.64E-09	1.74E-05	5.49E-09	1.60E-09
301	488717.32, 3858009.41	1.73E-05	5.46E-09	1.59E-09	1.71E-05	5.39E-09	1.57E-09	1.66E-05	5.24E-09	1.52E-09
302	488767.32, 3858009.41	1.66E-05	5.23E-09	1.52E-09	1.63E-05	5.16E-09	1.50E-09	1.59E-05	5.01E-09	1.46E-09
303	488417.32, 3858059.41	4.91E-05	1.55E-08	4.50E-09	4.84E-05	1.53E-08	4.45E-09	4.70E-05	1.48E-08	4.32E-09
304	488467.32, 3858059.41	4.05E-05	1.28E-08	3.71E-09	3.99E-05	1.26E-08	3.67E-09	3.88E-05	1.22E-08	3.56E-09
305	488517.32, 3858059.41	3.46E-05	1.09E-08	3.18E-09	3.41E-05	1.08E-08	3.13E-09	3.31E-05	1.05E-08	3.04E-09
306	488567.32, 3858059.41	3.03E-05	9.57E-09	2.78E-09	2.99E-05	9.44E-09	2.75E-09	2.91E-05	9.17E-09	2.67E-09
307	488617.32, 3858059.41	2.71E-05	8.55E-09	2.49E-09	2.67E-05	8.44E-09	2.46E-09	2.60E-05	8.20E-09	2.38E-09
308	488667.32, 3858059.41	2.46E-05	7.77E-09	2.26E-09	2.43E-05	7.67E-09	2.23E-09	2.36E-05	7.45E-09	2.17E-09
309	488417.32, 3858109.41	8.92E-05	2.81E-08	8.19E-09	8.80E-05	2.78E-08	8.08E-09	8.55E-05	2.70E-08	7.85E-09
310	488467.32, 3858109.41	6.47E-05	2.04E-08	5.94E-09	6.38E-05	2.02E-08	5.86E-09	6.20E-05	1.96E-08	5.69E-09
311	488517.32, 3858109.41	5.07E-05	1.60E-08	4.66E-09	5.01E-05	1.58E-08	4.60E-09	4.86E-05	1.53E-08	4.46E-09
312	488567.32, 3858109.41	4.20E-05	1.32E-08	3.85E-09	4.14E-05	1.31E-08	3.80E-09	4.02E-05	1.27E-08	3.69E-09
313	488617.32, 3858109.41	3.59E-05	1.13E-08	3.29E-09	3.54E-05	1.12E-08	3.25E-09	3.44E-05	1.09E-08	3.16E-09
314	488667.32, 3858109.41	3.16E-05	9.96E-09	2.90E-09	3.11E-05	9.83E-09	2.86E-09	3.02E-05	9.54E-09	2.78E-09
315	488769.93, 3858449.27	9.65E-05	3.05E-08	8.86E-09	9.53E-05	3.01E-08	8.75E-09	9.25E-05	2.92E-08	8.49E-09
316	488819.93, 3858449.27	7.04E-05	2.22E-08	6.46E-09	6.95E-05	2.19E-08	6.38E-09	6.75E-05	2.13E-08	6.19E-09
317	488819.93, 3858499.27	1.00E-04	3.17E-08	9.22E-09	9.91E-05	3.13E-08	9.10E-09	9.63E-05	3.04E-08	8.84E-09
318	488869.93, 3858499.27	7.27E-05	2.29E-08	6.67E-09	7.17E-05	2.26E-08	6.58E-09	6.97E-05	2.20E-08	6.39E-09
319	488869.93, 3858549.27	1.05E-04	3.31E-08	9.62E-09	1.03E-04	3.27E-08	9.50E-09	1.00E-04	3.17E-08	9.22E-09
320	489438.17, 3859571.48	1.78E-05	5.63E-09	1.64E-09	1.76E-05	5.55E-09	1.62E-09	1.71E-05	5.39E-09	1.57E-09
321	489488.17, 3859571.48	1.60E-05	5.06E-09	1.47E-09	1.58E-05	4.99E-09	1.45E-09	1.54E-05	4.85E-09	1.41E-09
322	489538.17, 3859571.48	1.46E-05	4.62E-09	1.34E-09	1.44E-05	4.56E-09	1.33E-09	1.40E-05	4.43E-09	1.29E-09
323	489588.17, 3859571.48	1.35E-05	4.28E-09	1.24E-09	1.34E-05	4.22E-09	1.23E-09	1.30E-05	4.10E-09	1.19E-09
324	489438.17, 3859621.48	1.32E-05	4.16E-09	1.21E-09	1.30E-05	4.11E-09	1.19E-09	1.26E-05	3.99E-09	1.16E-09
325	489488.17, 3859621.48	1.24E-05	3.92E-09	1.14E-09	1.23E-05	3.87E-09	1.13E-09	1.19E-05	3.76E-09	1.09E-09
326	489538.17, 3859621.48	1.18E-05	3.72E-09	1.08E-09	1.16E-05	3.67E-09	1.07E-09	1.13E-05	3.56E-09	1.04E-09
327	489588.17, 3859621.48	1.12E-05	3.54E-09	1.03E-09	1.11E-05	3.49E-09	1.02E-09	1.07E-05	3.39E-09	9.87E-10
328	489238.17, 3859671.48	1.73E-05	5.45E-09	1.59E-09	1.71E-05	5.38E-09	1.57E-09	1.66E-05	5.23E-09	1.52E-09
329	489288.17, 3859671.48	1.34E-05	4.24E-09	1.23E-09	1.33E-05	4.19E-09	1.22E-09	1.29E-05	4.07E-09	1.18E-09
330	489338.17, 3859671.48	1.19E-05	3.75E-09	1.09E-09	1.17E-05	3.70E-09	1.08E-09	1.14E-05	3.59E-09	1.04E-09
331	489388.17, 3859671.48	1.10E-05	3.48E-09	1.01E-09	1.09E-05	3.43E-09	9.98E-10	1.06E-05	3.33E-09	9.69E-10
332	489438.17, 3859671.48	1.04E-05	3.30E-09	9.59E-10	1.03E-05	3.25E-09	9.47E-10	1.00E-05	3.16E-09	9.19E-10
333	489488.17, 3859671.48	1.01E-05	3.17E-09	9.23E-10	9.92E-06	3.13E-09	9.11E-10	9.63E-06	3.04E-09	8.84E-10
334	489538.17, 3859671.48	9.71E-06	3.06E-09	8.91E-10	9.58E-06	3.02E-09	8.80E-10	9.31E-06	2.94E-09	8.54E-10
335	489588.17, 3859671.48	9.41E-06	2.97E-09	8.63E-10	9.28E-06	2.93E-09	8.52E-10	9.01E-06	2.85E-09	8.28E-10
336	489238.17, 3859721.48	1.59E-05	5.03E-09	1.46E-09	1.57E-05	4.97E-09	1.44E-09	1.53E-05	4.82E-09	1.40E-09
337	489288.17, 3859721.48	1.21E-05	3.81E-09	1.11E-09	1.19E-05	3.76E-09	1.09E-09	1.16E-05	3.65E-09	1.06E-09
338	489338.17, 3859721.48	1.04E-05	3.28E-09	9.54E-10	1.03E-05	3.24E-09	9.41E-10	9.96E-06	3.14E-09	9.14E-10
339	489388.17, 3859721.48	9.53E-06	3.01E-09	8.75E-10	9.40E-06	2.97E-09	8.63E-10	9.13E-06	2.88E-09	8.38E-10
340	489438.17, 3859721.48	8.97E-06	2.83E-09	8.23E-10	8.85E-06	2.79E-09	8.13E-10	8.60E-06	2.71E-09	7.89E-10
341	489488.17, 3859721.48	8.60E-06	2.71E-09	7.89E-10	8.48E-06	2.68E-09	7.79E-10	8.24E-06	2.60E-09	7.56E-10
342	489538.17, 3859721.48	8.32E-06	2.63E-09	7.64E-10	8.22E-06	2.59E-09	7.54E-10	7.98E-06	2.52E-09	7.32E-10
343	489588.17, 3859721.48	8.11E-06	2.56E-09	7.45E-10	8.01E-06	2.53E-09	7.35E-10	7.78E-06	2.45E-09	7.14E-10
344	489238.17, 3859771.48	1.51E-05	4.77E-09	1.39E-09	1.49E-05	4.70E-09	1.37E-09	1.45E-05	4.57E-09	1.33E-09
345	489288.17, 3859771.48	1.12E-05	3.54E-09	1.03E-09	1.11E-05	3.49E-09	1.02E-09	1.07E-05	3.39E-09	9.86E-10
346	489338.17, 3859771.48	9.49E-06	2.99E-09	8.71E-10	9.36E-06	2.96E-09	8.60E-10	9.09E-06	2.87E-09	8.35E-10
347	489388.17, 3859771.48	8.60E-06	2.71E-09	7.90E-10	8.49E-06	2.68E-09	7.79E-10	8.24E-06	2.60E-09	7.57E-10
348	489438.17, 3859771.48	8.06E-06	2.54E-09	7.40E-10	7.95E-06	2.51E-09	7.30E-10	7.72E-06	2.44E-09	7.09E-10
349	489488.17, 3859771.48	7.69E-06	2.43E-09	7.06E-10	7.59E-06	2.40E-09	6.97E-10	7.37E-06	2.33E-09	6.77E-10
350	489538.17, 3859771.48	7.41E-06	2.34E-09	6.81E-10	7.32E-06	2.31E-09	6.72E-10	7.10E-06	2.24E-09	6.52E-10
351	489588.17, 3859771.48	7.21E-06	2.27E-09	6.62E-10	7.11E-06	2.25E-09	6.53E-10	6.91E-06	2.18E-09	6.34E-10
352	489238.17, 3859821.48	1.45E-05	4.58E-09	1.33E-09	1.43E-05	4.52E-09	1.31E-09	1.39E-05	4.39E-09	1.28E-09
353	489288.17, 3859821.48	1.06E-05	3.35E-09	9.73E-10	1.05E-05	3.30E-09	9.60E-10	1.02E-05	3.21E-09	9.33E-10
354	489338.17, 3859821.48	8.88E-06	2.80E-09	8.15E-10	8.77E-06	2.77E-09	8.05E-10	8.51E-06	2.69E-09	7.81E-10
355	489388.17, 3859821.48	7.97E-06	2.51E-09	7.32E-10	7.86E-06	2.48E-09	7.22E-10	7.64E-06	2.41E-09	7.01E-10
356	489438.17, 3859821.48	7.43E-06	2.34E-09	6.82E-10	7.33E-06	2.31E-09	6.73E-10	7.12E-06	2.25E-09	6.53E-10
357	489488.17, 3859821.48	7.06E-06	2.23E-09	6.48E-10	6.96E-06	2.20E-09	6.39E-10	6.76E-06	2.13E-09	6.21E-10
358	489538.17, 3859821.48	6.78E-06	2.14E-09	6.22E-10	6.69E-06	2.11E-09	6.14E-10	6.50E-06	2.05E-09	5.97E-10
359	489588.17, 3859821.48	6.57E-06	2.07E-09	6.03E-10	6.48E-06	2.05E-09	5.95E-10	6.30E-06	1.99E-09	5.78E-10
360	489238.17, 3859871.48	1.40E-05	4.43E-09	1.29E-09	1.39E-05	4.38E-09	1.27E-09	1.35E-05	4.25E-09	1.24E-09
361	489288.17, 3859871.48	1.02E-05	3.21E-09	9.33E-10	1.00E-05	3.16E-09	9.20E-10	9.74E-06	3.07E-09	8.94E-10

362	489338.17, 3859871.48	8.43E-06	2.66E-09	7.74E-10	8.32E-06	2.63E-09	7.64E-10	8.08E-06	2.55E-09	7.42E-10
363	489388.17, 3859871.48	7.50E-06	2.37E-09	6.89E-10	7.40E-06	2.34E-09	6.80E-10	7.19E-06	2.27E-09	6.60E-10
364	489438.17, 3859871.48	6.93E-06	2.19E-09	6.36E-10	6.84E-06	2.16E-09	6.28E-10	6.64E-06	2.10E-09	6.10E-10
365	489488.17, 3859871.48	6.53E-06	2.06E-09	5.99E-10	6.44E-06	2.03E-09	5.91E-10	6.25E-06	1.97E-09	5.74E-10
366	489538.17, 3859871.48	6.28E-06	1.98E-09	5.77E-10	6.20E-06	1.96E-09	5.69E-10	6.02E-06	1.90E-09	5.53E-10
367	489588.17, 3859871.48	6.08E-06	1.92E-09	5.58E-10	6.00E-06	1.89E-09	5.51E-10	5.82E-06	1.84E-09	5.35E-10
368	489238.17, 3859921.48	1.36E-05	4.30E-09	1.25E-09	1.35E-05	4.25E-09	1.24E-09	1.31E-05	4.12E-09	1.20E-09
369	489288.17, 3859921.48	9.73E-06	3.07E-09	8.93E-10	9.60E-06	3.03E-09	8.82E-10	9.33E-06	2.94E-09	8.56E-10
370	489338.17, 3859921.48	8.04E-06	2.54E-09	7.38E-10	7.94E-06	2.51E-09	7.29E-10	7.71E-06	2.43E-09	7.08E-10
371	489388.17, 3859921.48	7.10E-06	2.24E-09	6.52E-10	7.01E-06	2.21E-09	6.44E-10	6.81E-06	2.15E-09	6.25E-10
372	489438.17, 3859921.48	6.48E-06	2.04E-09	5.95E-10	6.39E-06	2.02E-09	5.87E-10	6.21E-06	1.96E-09	5.70E-10
373	489488.17, 3859921.48	6.09E-06	1.92E-09	5.59E-10	6.01E-06	1.90E-09	5.52E-10	5.84E-06	1.84E-09	5.36E-10
374	489538.17, 3859921.48	5.85E-06	1.85E-09	5.37E-10	5.77E-06	1.82E-09	5.30E-10	5.61E-06	1.77E-09	5.15E-10
375	489588.17, 3859921.48	5.64E-06	1.78E-09	5.17E-10	5.56E-06	1.76E-09	5.11E-10	5.40E-06	1.71E-09	4.96E-10
376	489238.17, 3859971.48	1.33E-05	4.18E-09	1.22E-09	1.31E-05	4.13E-09	1.20E-09	1.27E-05	4.01E-09	1.17E-09
377	489288.17, 3859971.48	9.42E-06	2.97E-09	8.65E-10	9.30E-06	2.94E-09	8.54E-10	9.03E-06	2.85E-09	8.29E-10
378	489338.17, 3859971.48	7.70E-06	2.43E-09	7.07E-10	7.60E-06	2.40E-09	6.98E-10	7.38E-06	2.33E-09	6.78E-10
379	489388.17, 3859971.48	6.73E-06	2.12E-09	6.18E-10	6.64E-06	2.10E-09	6.10E-10	6.45E-06	2.04E-09	5.92E-10
380	489438.17, 3859971.48	6.02E-06	1.90E-09	5.53E-10	5.94E-06	1.88E-09	5.46E-10	5.77E-06	1.82E-09	5.30E-10
381	489488.17, 3859971.48	5.50E-06	1.73E-09	5.05E-10	5.42E-06	1.71E-09	4.98E-10	5.27E-06	1.66E-09	4.84E-10
382	489538.17, 3859971.48	5.20E-06	1.64E-09	4.77E-10	5.13E-06	1.62E-09	4.71E-10	4.98E-06	1.57E-09	4.57E-10
383	489588.17, 3859971.48	5.00E-06	1.58E-09	4.59E-10	4.93E-06	1.56E-09	4.53E-10	4.79E-06	1.51E-09	4.40E-10
384	483577.7, 3854071	2.38E-07	7.51E-11	2.18E-11	2.35E-07	7.41E-11	2.16E-11	2.28E-07	7.20E-11	2.09E-11
385	483627.7, 3854071	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
386	483677.7, 3854071	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.12E-11
387	483727.7, 3854071	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
388	483777.7, 3854071	2.43E-07	7.66E-11	2.23E-11	2.40E-07	7.56E-11	2.20E-11	2.33E-07	7.35E-11	2.14E-11
389	483577.7, 3854121	2.40E-07	7.56E-11	2.20E-11	2.36E-07	7.46E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
390	483627.7, 3854121	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.26E-11	2.11E-11
391	483677.7, 3854121	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
392	483727.7, 3854121	2.40E-07	7.58E-11	2.21E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.27E-11	2.11E-11
393	483777.7, 3854121	2.41E-07	7.61E-11	2.21E-11	2.38E-07	7.52E-11	2.19E-11	2.31E-07	7.30E-11	2.12E-11
394	483577.7, 3854171	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.11E-11
395	483627.7, 3854171	2.39E-07	7.56E-11	2.20E-11	2.36E-07	7.46E-11	2.17E-11	2.29E-07	7.24E-11	2.11E-11
396	483677.7, 3854171	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.11E-11
397	483727.7, 3854171	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
398	483777.7, 3854171	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
399	483827.7, 3854171	2.39E-07	7.53E-11	2.19E-11	2.35E-07	7.43E-11	2.16E-11	2.29E-07	7.22E-11	2.10E-11
400	483877.7, 3854171	2.39E-07	7.55E-11	2.19E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.23E-11	2.10E-11
401	483727.7, 3854221	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
402	483777.7, 3854221	2.39E-07	7.56E-11	2.20E-11	2.36E-07	7.46E-11	2.17E-11	2.29E-07	7.24E-11	2.11E-11
403	483827.7, 3854221	2.41E-07	7.60E-11	2.21E-11	2.38E-07	7.50E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
404	483877.7, 3854221	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
405	489150.19, 3858726.45	8.34E-05	2.63E-08	7.66E-09	8.24E-05	2.60E-08	7.56E-09	8.00E-05	2.52E-08	7.34E-09
406	489200.19, 3858726.45	1.08E-04	3.42E-08	9.96E-09	1.07E-04	3.38E-08	9.83E-09	1.04E-04	3.28E-08	9.54E-09
407	489150.19, 3858776.45	1.04E-04	3.29E-08	9.58E-09	1.03E-04	3.25E-08	9.45E-09	1.00E-04	3.16E-08	9.18E-09
408	489200.19, 3858776.45	1.08E-04	3.41E-08	9.93E-09	1.07E-04	3.37E-08	9.80E-09	1.04E-04	3.27E-08	9.52E-09
409	488919.6, 3856400.76	1.06E-06	3.33E-10	9.70E-11	1.04E-06	3.29E-10	9.57E-11	1.01E-06	3.20E-10	9.30E-11
410	488919.6, 3856450.76	1.10E-06	3.46E-10	1.01E-10	1.08E-06	3.42E-10	9.95E-11	1.05E-06	3.32E-10	9.66E-11
411	488969.6, 3856450.76	1.10E-06	3.47E-10	1.01E-10	1.09E-06	3.43E-10	9.97E-11	1.05E-06	3.33E-10	9.68E-11
412	488919.6, 3856500.76	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.56E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
413	488969.6, 3856500.76	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
414	488919.6, 3856550.76	1.19E-06	3.76E-10	1.09E-10	1.17E-06	3.71E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
415	488969.6, 3856550.76	1.19E-06	3.77E-10	1.10E-10	1.18E-06	3.72E-10	1.08E-10	1.14E-06	3.61E-10	1.05E-10
416	488819.6, 3856600.76	1.22E-06	3.85E-10	1.12E-10	1.20E-06	3.80E-10	1.11E-10	1.17E-06	3.69E-10	1.07E-10
417	488869.6, 3856600.76	1.23E-06	3.88E-10	1.13E-10	1.21E-06	3.83E-10	1.11E-10	1.18E-06	3.72E-10	1.08E-10
418	488919.6, 3856600.76	1.24E-06	3.91E-10	1.14E-10	1.22E-06	3.86E-10	1.12E-10	1.19E-06	3.75E-10	1.09E-10
419	488819.6, 3856650.76	1.27E-06	4.01E-10	1.17E-10	1.25E-06	3.95E-10	1.15E-10	1.22E-06	3.84E-10	1.12E-10
420	488869.6, 3856650.76	1.28E-06	4.04E-10	1.18E-10	1.26E-06	3.99E-10	1.16E-10	1.23E-06	3.88E-10	1.13E-10
421	488819.6, 3856700.76	1.32E-06	4.17E-10	1.21E-10	1.30E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
422	488869.6, 3856700.76	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
423	488819.6, 3856750.76	1.37E-06	4.34E-10	1.26E-10	1.36E-06	4.28E-10	1.24E-10	1.32E-06	4.16E-10	1.21E-10
424	488869.6, 3856750.76	1.39E-06	4.39E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.21E-10	1.22E-10
425	488819.6, 3857050.76	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
426	488869.6, 3857050.76	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
427	488919.6, 3857050.76	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
428	488819.6, 3857100.76	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
429	488869.6, 3857100.76	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
430	488919.6, 3857100.76	1.92E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
431	488819.6, 3857150.76	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
432	488869.6, 3857150.76	1.99E-06	6.30E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.76E-10
433	488919.6, 3857150.76	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
434	488969.6, 3857150.76	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10

435	488819.6, 3857200.76	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.44E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
436	488869.6, 3857200.76	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
437	488919.6, 3857200.76	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
438	488969.6, 3857200.76	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
439	488819.6, 3857250.76	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
440	488869.6, 3857250.76	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
441	488919.6, 3857250.76	2.28E-06	7.18E-10	2.09E-10	2.25E-06	7.09E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
442	488969.6, 3857250.76	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.20E-10	2.09E-10	2.21E-06	6.99E-10	2.03E-10
443	488819.6, 3857300.76	2.33E-06	7.34E-10	2.13E-10	2.30E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.05E-10
444	488869.6, 3857300.76	2.37E-06	7.49E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.18E-10	2.09E-10
445	488919.6, 3857300.76	2.42E-06	7.63E-10	2.22E-10	2.39E-06	7.53E-10	2.19E-10	2.32E-06	7.31E-10	2.13E-10
446	488819.6, 3857450.76	2.83E-06	8.94E-10	2.60E-10	2.80E-06	8.82E-10	2.57E-10	2.71E-06	8.57E-10	2.49E-10
447	488869.6, 3857450.76	2.88E-06	9.08E-10	2.64E-10	2.84E-06	8.96E-10	2.61E-10	2.76E-06	8.70E-10	2.53E-10
448	488919.6, 3857450.76	2.93E-06	9.25E-10	2.69E-10	2.89E-06	9.13E-10	2.65E-10	2.81E-06	8.86E-10	2.58E-10
449	488819.6, 3857500.76	3.04E-06	9.58E-10	2.79E-10	3.00E-06	9.46E-10	2.75E-10	2.91E-06	9.19E-10	2.67E-10
450	488869.6, 3857500.76	3.09E-06	9.76E-10	2.84E-10	3.05E-06	9.63E-10	2.80E-10	2.96E-06	9.35E-10	2.72E-10
451	488919.6, 3857500.76	3.15E-06	9.94E-10	2.89E-10	3.11E-06	9.81E-10	2.85E-10	3.02E-06	9.53E-10	2.77E-10
452	488819.6, 3857550.76	3.28E-06	1.03E-09	3.01E-10	3.23E-06	1.02E-09	2.97E-10	3.14E-06	9.91E-10	2.88E-10
453	488869.6, 3857550.76	3.34E-06	1.05E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.20E-06	1.01E-09	2.94E-10
454	488919.6, 3857550.76	3.42E-06	1.08E-09	3.14E-10	3.37E-06	1.06E-09	3.09E-10	3.27E-06	1.03E-09	3.00E-10
455	489663.71, 3860900.05	3.02E-06	9.52E-10	2.77E-10	2.98E-06	9.39E-10	2.73E-10	2.89E-06	9.12E-10	2.65E-10
456	489813.71, 3860900.05	2.68E-06	8.45E-10	2.46E-10	2.64E-06	8.34E-10	2.43E-10	2.57E-06	8.10E-10	2.36E-10
457	489863.71, 3860900.05	2.59E-06	8.16E-10	2.37E-10	2.55E-06	8.05E-10	2.34E-10	2.48E-06	7.82E-10	2.27E-10
458	489913.71, 3860900.05	2.52E-06	7.94E-10	2.31E-10	2.48E-06	7.84E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
459	489963.71, 3860900.05	2.45E-06	7.72E-10	2.24E-10	2.41E-06	7.62E-10	2.22E-10	2.34E-06	7.40E-10	2.15E-10
460	490013.71, 3860900.05	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.24E-10	2.11E-10
461	490063.71, 3860900.05	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
462	489663.71, 3860950.05	2.98E-06	9.40E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.01E-10	2.62E-10
463	489813.71, 3860950.05	2.64E-06	8.32E-10	2.42E-10	2.60E-06	8.21E-10	2.39E-10	2.53E-06	7.98E-10	2.32E-10
464	489863.71, 3860950.05	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
465	489913.71, 3860950.05	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
466	489963.71, 3860950.05	2.40E-06	7.58E-10	2.20E-10	2.37E-06	7.48E-10	2.17E-10	2.30E-06	7.26E-10	2.11E-10
467	490013.71, 3860950.05	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
468	490063.71, 3860950.05	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
469	489513.71, 3861000.05	3.55E-06	1.12E-09	3.26E-10	3.50E-06	1.10E-09	3.21E-10	3.40E-06	1.07E-09	3.12E-10
470	489563.71, 3861000.05	3.29E-06	1.04E-09	3.02E-10	3.25E-06	1.03E-09	2.98E-10	3.16E-06	9.96E-10	2.90E-10
471	489613.71, 3861000.05	3.10E-06	9.79E-10	2.85E-10	3.06E-06	9.67E-10	2.81E-10	2.97E-06	9.39E-10	2.73E-10
472	489663.71, 3861000.05	2.94E-06	9.29E-10	2.70E-10	2.91E-06	9.17E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
473	489713.71, 3861000.05	2.81E-06	8.86E-10	2.58E-10	2.77E-06	8.74E-10	2.54E-10	2.69E-06	8.49E-10	2.47E-10
474	489763.71, 3861000.05	2.69E-06	8.50E-10	2.47E-10	2.66E-06	8.39E-10	2.44E-10	2.58E-06	8.15E-10	2.37E-10
475	489813.71, 3861000.05	2.60E-06	8.21E-10	2.39E-10	2.57E-06	8.10E-10	2.36E-10	2.49E-06	7.87E-10	2.29E-10
476	489863.71, 3861000.05	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.81E-10	2.27E-10	2.40E-06	7.58E-10	2.20E-10
477	489913.71, 3861000.05	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
478	489963.71, 3861000.05	2.36E-06	7.44E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.13E-10	2.08E-10
479	490013.71, 3861000.05	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.08E-10	2.20E-06	6.96E-10	2.02E-10
480	490063.71, 3861000.05	2.25E-06	7.10E-10	2.06E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.80E-10	1.98E-10
481	489513.71, 3861050.05	3.53E-06	1.11E-09	3.24E-10	3.48E-06	1.10E-09	3.20E-10	3.38E-06	1.07E-09	3.10E-10
482	489563.71, 3861050.05	3.27E-06	1.03E-09	3.00E-10	3.23E-06	1.02E-09	2.96E-10	3.13E-06	9.89E-10	2.88E-10
483	489613.71, 3861050.05	3.08E-06	9.72E-10	2.83E-10	3.04E-06	9.59E-10	2.79E-10	2.95E-06	9.32E-10	2.71E-10
484	489663.71, 3861050.05	2.91E-06	9.19E-10	2.67E-10	2.87E-06	9.07E-10	2.64E-10	2.79E-06	8.81E-10	2.56E-10
485	489713.71, 3861050.05	2.77E-06	8.75E-10	2.55E-10	2.74E-06	8.64E-10	2.51E-10	2.66E-06	8.39E-10	2.44E-10
486	489763.71, 3861050.05	2.66E-06	8.39E-10	2.44E-10	2.62E-06	8.28E-10	2.41E-10	2.55E-06	8.04E-10	2.34E-10
487	489813.71, 3861050.05	2.56E-06	8.08E-10	2.35E-10	2.53E-06	7.98E-10	2.32E-10	2.45E-06	7.75E-10	2.25E-10
488	489863.71, 3861050.05	2.47E-06	7.80E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
489	489913.71, 3861050.05	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10
490	489963.71, 3861050.05	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.22E-06	7.02E-10	2.04E-10
491	490013.71, 3861050.05	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
492	490063.71, 3861050.05	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.94E-10
493	489513.71, 3861100.05	3.50E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.08E-10
494	489563.71, 3861100.05	3.24E-06	1.02E-09	2.98E-10	3.20E-06	1.01E-09	2.94E-10	3.11E-06	9.80E-10	2.85E-10
495	489613.71, 3861100.05	3.03E-06	9.55E-10	2.78E-10	2.99E-06	9.43E-10	2.74E-10	2.90E-06	9.15E-10	2.66E-10
496	489663.71, 3861100.05	2.87E-06	9.05E-10	2.63E-10	2.83E-06	8.93E-10	2.60E-10	2.75E-06	8.67E-10	2.52E-10
497	489713.71, 3861100.05	2.74E-06	8.63E-10	2.51E-10	2.70E-06	8.52E-10	2.48E-10	2.62E-06	8.27E-10	2.41E-10
498	489763.71, 3861100.05	2.62E-06	8.27E-10	2.41E-10	2.59E-06	8.16E-10	2.37E-10	2.51E-06	7.93E-10	2.31E-10
499	489813.71, 3861100.05	2.52E-06	7.97E-10	2.32E-10	2.49E-06	7.86E-10	2.29E-10	2.42E-06	7.63E-10	2.22E-10
500	489863.71, 3861100.05	2.44E-06	7.70E-10	2.24E-10	2.41E-06	7.60E-10	2.21E-10	2.34E-06	7.38E-10	2.15E-10
501	489913.71, 3861100.05	2.36E-06	7.44E-10	2.16E-10	2.33E-06	7.34E-10	2.14E-10	2.26E-06	7.13E-10	2.07E-10
502	489963.71, 3861100.05	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
503	490013.71, 3861100.05	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.96E-10
504	490063.71, 3861100.05	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.56E-10	1.91E-10
505	489713.71, 3861150.05	2.70E-06	8.52E-10	2.48E-10	2.67E-06	8.41E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
506	489763.71, 3861150.05	2.59E-06	8.17E-10	2.38E-10	2.55E-06	8.06E-10	2.35E-10	2.48E-06	7.83E-10	2.28E-10
507	489813.71, 3861150.05	2.49E-06	7.86E-10	2.29E-10	2.46E-06	7.76E-10	2.26E-10	2.39E-06	7.53E-10	2.19E-10

508	489863.71, 3861150.05	2.40E-06	7.58E-10	2.21E-10	2.37E-06	7.48E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
509	489913.71, 3861150.05	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.23E-06	7.02E-10	2.04E-10
510	489963.71, 3861150.05	2.25E-06	7.10E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
511	490013.71, 3861150.05	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
512	490063.71, 3861150.05	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
513	489613.71, 3861200.05	2.96E-06	9.33E-10	2.71E-10	2.92E-06	9.21E-10	2.68E-10	2.83E-06	8.95E-10	2.60E-10
514	489663.71, 3861200.05	2.80E-06	8.84E-10	2.57E-10	2.76E-06	8.72E-10	2.54E-10	2.68E-06	8.47E-10	2.46E-10
515	489713.71, 3861200.05	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
516	489763.71, 3861200.05	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.96E-10	2.32E-10	2.45E-06	7.73E-10	2.25E-10
517	489813.71, 3861200.05	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
518	489863.71, 3861200.05	2.37E-06	7.49E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.18E-10	2.09E-10
519	489913.71, 3861200.05	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.14E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
520	489963.71, 3861200.05	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
521	490013.71, 3861200.05	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.53E-10	1.90E-10
522	490063.71, 3861200.05	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
523	489513.71, 3861250.05	3.37E-06	1.06E-09	3.09E-10	3.33E-06	1.05E-09	3.05E-10	3.23E-06	1.02E-09	2.97E-10
524	489563.71, 3861250.05	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
525	489613.71, 3861250.05	2.93E-06	9.26E-10	2.69E-10	2.89E-06	9.14E-10	2.66E-10	2.81E-06	8.87E-10	2.58E-10
526	489663.71, 3861250.05	2.77E-06	8.75E-10	2.54E-10	2.74E-06	8.63E-10	2.51E-10	2.66E-06	8.38E-10	2.44E-10
527	489713.71, 3861250.05	2.64E-06	8.33E-10	2.42E-10	2.60E-06	8.22E-10	2.39E-10	2.53E-06	7.98E-10	2.32E-10
528	489763.71, 3861250.05	2.53E-06	7.97E-10	2.32E-10	2.49E-06	7.87E-10	2.29E-10	2.42E-06	7.64E-10	2.22E-10
529	489813.71, 3861250.05	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
530	489863.71, 3861250.05	2.34E-06	7.39E-10	2.15E-10	2.31E-06	7.29E-10	2.12E-10	2.24E-06	7.08E-10	2.06E-10
531	489913.71, 3861250.05	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
532	489963.71, 3861250.05	2.19E-06	6.92E-10	2.01E-10	2.17E-06	6.83E-10	1.99E-10	2.10E-06	6.64E-10	1.93E-10
533	490013.71, 3861250.05	2.13E-06	6.72E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
534	490063.71, 3861250.05	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
535	489528.13, 3861308.47	3.26E-06	1.03E-09	2.99E-10	3.22E-06	1.02E-09	2.95E-10	3.13E-06	9.86E-10	2.87E-10
536	489578.13, 3861308.47	3.03E-06	9.56E-10	2.78E-10	2.99E-06	9.44E-10	2.75E-10	2.90E-06	9.17E-10	2.67E-10
537	489628.13, 3861308.47	2.85E-06	8.98E-10	2.61E-10	2.81E-06	8.87E-10	2.58E-10	2.73E-06	8.61E-10	2.50E-10
538	489678.13, 3861308.47	2.70E-06	8.51E-10	2.48E-10	2.66E-06	8.40E-10	2.44E-10	2.59E-06	8.16E-10	2.37E-10
539	489728.13, 3861308.47	2.57E-06	8.12E-10	2.36E-10	2.54E-06	8.01E-10	2.33E-10	2.46E-06	7.78E-10	2.26E-10
540	489778.13, 3861308.47	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
541	489678.13, 3861358.47	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
542	489728.13, 3861358.47	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
543	489528.13, 3861408.47	3.21E-06	1.01E-09	2.94E-10	3.16E-06	9.98E-10	2.90E-10	3.07E-06	9.70E-10	2.82E-10
544	489578.13, 3861408.47	2.97E-06	9.39E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.00E-10	2.62E-10
545	489628.13, 3861408.47	2.80E-06	8.83E-10	2.57E-10	2.76E-06	8.71E-10	2.53E-10	2.68E-06	8.46E-10	2.46E-10
546	489678.13, 3861408.47	2.64E-06	8.34E-10	2.43E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	8.00E-10	2.33E-10
547	489728.13, 3861408.47	2.51E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
548	489528.13, 3861458.47	3.19E-06	1.01E-09	2.93E-10	3.15E-06	9.93E-10	2.89E-10	3.05E-06	9.64E-10	2.80E-10
549	489578.13, 3861458.47	2.95E-06	9.32E-10	2.71E-10	2.92E-06	9.20E-10	2.68E-10	2.83E-06	8.94E-10	2.60E-10
550	489628.13, 3861458.47	2.77E-06	8.74E-10	2.54E-10	2.73E-06	8.62E-10	2.51E-10	2.65E-06	8.38E-10	2.44E-10
551	489678.13, 3861458.47	2.62E-06	8.26E-10	2.40E-10	2.58E-06	8.15E-10	2.37E-10	2.51E-06	7.91E-10	2.30E-10
552	489728.13, 3861458.47	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.74E-10	2.25E-10	2.38E-06	7.51E-10	2.19E-10
553	489528.13, 3861508.47	3.16E-06	9.99E-10	2.91E-10	3.12E-06	9.86E-10	2.87E-10	3.03E-06	9.57E-10	2.78E-10
554	489578.13, 3861508.47	2.93E-06	9.24E-10	2.69E-10	2.89E-06	9.12E-10	2.65E-10	2.81E-06	8.86E-10	2.58E-10
555	489628.13, 3861508.47	2.74E-06	8.65E-10	2.52E-10	2.71E-06	8.54E-10	2.48E-10	2.63E-06	8.29E-10	2.41E-10
556	489678.13, 3861508.47	2.59E-06	8.16E-10	2.37E-10	2.55E-06	8.06E-10	2.34E-10	2.48E-06	7.82E-10	2.28E-10
557	489728.13, 3861508.47	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
558	489628.13, 3861558.47	2.72E-06	8.59E-10	2.50E-10	2.68E-06	8.47E-10	2.46E-10	2.61E-06	8.23E-10	2.39E-10
559	489678.13, 3861558.47	2.57E-06	8.11E-10	2.36E-10	2.54E-06	8.01E-10	2.33E-10	2.46E-06	7.77E-10	2.26E-10
560	489728.13, 3861558.47	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.61E-10	2.21E-10	2.34E-06	7.39E-10	2.15E-10
561	489357.08, 3861015.81	5.19E-06	1.64E-09	4.77E-10	5.12E-06	1.62E-09	4.70E-10	4.98E-06	1.57E-09	4.57E-10
562	489407.08, 3861015.81	4.41E-06	1.39E-09	4.05E-10	4.35E-06	1.37E-09	3.99E-10	4.22E-06	1.33E-09	3.88E-10
563	489457.08, 3861015.81	3.91E-06	1.23E-09	3.59E-10	3.86E-06	1.22E-09	3.54E-10	3.75E-06	1.18E-09	3.44E-10
564	489357.08, 3861065.81	5.18E-06	1.63E-09	4.75E-10	5.11E-06	1.61E-09	4.69E-10	4.96E-06	1.57E-09	4.56E-10
565	489407.08, 3861065.81	4.40E-06	1.39E-09	4.04E-10	4.34E-06	1.37E-09	3.98E-10	4.21E-06	1.33E-09	3.87E-10
566	489457.08, 3861065.81	3.89E-06	1.23E-09	3.58E-10	3.84E-06	1.21E-09	3.53E-10	3.73E-06	1.18E-09	3.43E-10
567	489357.08, 3861115.81	5.15E-06	1.62E-09	4.73E-10	5.08E-06	1.60E-09	4.66E-10	4.93E-06	1.56E-09	4.53E-10
568	489407.08, 3861115.81	4.38E-06	1.38E-09	4.02E-10	4.33E-06	1.37E-09	3.97E-10	4.20E-06	1.33E-09	3.86E-10
569	489457.08, 3861115.81	3.88E-06	1.22E-09	3.56E-10	3.83E-06	1.21E-09	3.52E-10	3.72E-06	1.17E-09	3.41E-10
570	489407.08, 3861165.81	4.35E-06	1.37E-09	3.99E-10	4.29E-06	1.35E-09	3.94E-10	4.17E-06	1.32E-09	3.83E-10
571	489457.08, 3861165.81	3.85E-06	1.22E-09	3.53E-10	3.80E-06	1.20E-09	3.49E-10	3.69E-06	1.16E-09	3.39E-10
572	489407.08, 3861215.81	4.31E-06	1.36E-09	3.96E-10	4.25E-06	1.34E-09	3.91E-10	4.13E-06	1.30E-09	3.79E-10
573	489457.08, 3861215.81	3.81E-06	1.20E-09	3.50E-10	3.76E-06	1.19E-09	3.45E-10	3.65E-06	1.15E-09	3.35E-10
574	489407.08, 3861265.81	4.23E-06	1.33E-09	3.88E-10	4.17E-06	1.32E-09	3.83E-10	4.05E-06	1.28E-09	3.72E-10
575	489457.08, 3861265.81	3.75E-06	1.18E-09	3.44E-10	3.70E-06	1.17E-09	3.40E-10	3.59E-06	1.13E-09	3.30E-10
576	489309.86, 3861110.14	6.36E-06	2.01E-09	5.84E-10	6.28E-06	1.98E-09	5.76E-10	6.09E-06	1.92E-09	5.60E-10
577	489407.08, 3861315.81	4.20E-06	1.33E-09	3.86E-10	4.15E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
578	489457.08, 3861315.81	3.73E-06	1.18E-09	3.42E-10	3.68E-06	1.16E-09	3.38E-10	3.57E-06	1.13E-09	3.28E-10
579	488906.03, 3861006.75	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
580	488956.03, 3861006.75	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.09E-10	2.21E-06	6.96E-10	2.02E-10

581	488904.24, 3861051.87	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
582	488954.24, 3861051.87	2.23E-06	7.03E-10	2.04E-10	2.20E-06	6.94E-10	2.02E-10	2.13E-06	6.74E-10	1.96E-10
583	489004.24, 3861051.87	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
584	488804.24, 3861101.87	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
585	488854.24, 3861101.87	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
586	488904.24, 3861101.87	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
587	488954.24, 3861101.87	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
588	489004.24, 3861101.87	2.46E-06	7.75E-10	2.25E-10	2.42E-06	7.65E-10	2.22E-10	2.35E-06	7.43E-10	2.16E-10
589	488804.24, 3861151.87	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
590	488854.24, 3861151.87	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
591	489129.49, 3861187.55	3.83E-06	1.21E-09	3.52E-10	3.78E-06	1.19E-09	3.47E-10	3.67E-06	1.16E-09	3.37E-10
592	489179.49, 3861187.55	6.30E-06	1.99E-09	5.79E-10	6.22E-06	1.96E-09	5.71E-10	6.04E-06	1.91E-09	5.54E-10
593	488804.24, 3861201.87	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.61E-10
594	488854.24, 3861201.87	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
595	489129.49, 3861237.55	3.82E-06	1.20E-09	3.50E-10	3.77E-06	1.19E-09	3.46E-10	3.66E-06	1.15E-09	3.36E-10
596	489179.49, 3861237.55	6.36E-06	2.01E-09	5.84E-10	6.27E-06	1.98E-09	5.76E-10	6.09E-06	1.92E-09	5.59E-10
597	488804.24, 3861251.87	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
598	488854.24, 3861251.87	1.88E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
599	488804.24, 3861301.87	1.77E-06	5.57E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
600	488854.24, 3861301.87	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
601	490943.5, 3860181.97	3.08E-06	9.72E-10	2.83E-10	3.04E-06	9.59E-10	2.79E-10	2.95E-06	9.32E-10	2.71E-10
602	490993.5, 3860181.97	3.05E-06	9.64E-10	2.80E-10	3.02E-06	9.52E-10	2.77E-10	2.93E-06	9.24E-10	2.69E-10
603	491043.5, 3860181.97	3.03E-06	9.57E-10	2.78E-10	2.99E-06	9.45E-10	2.75E-10	2.91E-06	9.17E-10	2.67E-10
604	491093.5, 3860181.97	3.01E-06	9.49E-10	2.76E-10	2.97E-06	9.36E-10	2.72E-10	2.88E-06	9.09E-10	2.65E-10
605	490943.5, 3860231.97	2.95E-06	9.30E-10	2.71E-10	2.91E-06	9.18E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
606	490993.5, 3860231.97	2.93E-06	9.26E-10	2.69E-10	2.89E-06	9.14E-10	2.66E-10	2.81E-06	8.87E-10	2.58E-10
607	491043.5, 3860231.97	2.90E-06	9.16E-10	2.66E-10	2.86E-06	9.04E-10	2.63E-10	2.78E-06	8.78E-10	2.55E-10
608	491093.5, 3860231.97	2.87E-06	9.07E-10	2.64E-10	2.84E-06	8.95E-10	2.60E-10	2.75E-06	8.69E-10	2.53E-10
609	490943.5, 3860281.97	2.83E-06	8.92E-10	2.59E-10	2.79E-06	8.80E-10	2.56E-10	2.71E-06	8.55E-10	2.49E-10
610	490993.5, 3860281.97	2.81E-06	8.87E-10	2.58E-10	2.77E-06	8.75E-10	2.55E-10	2.69E-06	8.50E-10	2.47E-10
611	491043.5, 3860281.97	2.78E-06	8.78E-10	2.56E-10	2.75E-06	8.67E-10	2.52E-10	2.67E-06	8.42E-10	2.45E-10
612	491093.5, 3860281.97	2.76E-06	8.70E-10	2.53E-10	2.72E-06	8.59E-10	2.50E-10	2.64E-06	8.34E-10	2.43E-10
613	490943.5, 3860331.97	2.72E-06	8.57E-10	2.49E-10	2.68E-06	8.46E-10	2.46E-10	2.60E-06	8.22E-10	2.39E-10
614	490993.5, 3860331.97	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
615	491043.5, 3860331.97	2.67E-06	8.41E-10	2.45E-10	2.63E-06	8.30E-10	2.42E-10	2.55E-06	8.06E-10	2.35E-10
616	491093.5, 3860331.97	2.64E-06	8.34E-10	2.43E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	7.99E-10	2.33E-10
617	490086.72, 3859935.12	4.75E-06	1.50E-09	4.36E-10	4.69E-06	1.48E-09	4.30E-10	4.55E-06	1.44E-09	4.18E-10
618	490136.72, 3859935.12	4.70E-06	1.48E-09	4.31E-10	4.64E-06	1.46E-09	4.26E-10	4.50E-06	1.42E-09	4.14E-10
619	490186.72, 3859935.12	4.65E-06	1.47E-09	4.27E-10	4.59E-06	1.45E-09	4.21E-10	4.46E-06	1.41E-09	4.09E-10
620	490236.72, 3859935.12	4.60E-06	1.45E-09	4.23E-10	4.54E-06	1.43E-09	4.17E-10	4.41E-06	1.39E-09	4.05E-10
621	490286.72, 3859935.12	4.55E-06	1.44E-09	4.18E-10	4.49E-06	1.42E-09	4.12E-10	4.36E-06	1.38E-09	4.00E-10
622	490336.72, 3859935.12	4.49E-06	1.42E-09	4.12E-10	4.43E-06	1.40E-09	4.07E-10	4.31E-06	1.36E-09	3.95E-10
623	490386.72, 3859935.12	4.44E-06	1.40E-09	4.08E-10	4.38E-06	1.38E-09	4.02E-10	4.26E-06	1.34E-09	3.91E-10
624	490436.72, 3859935.12	4.39E-06	1.38E-09	4.03E-10	4.33E-06	1.37E-09	3.97E-10	4.20E-06	1.33E-09	3.86E-10
625	490486.72, 3859935.12	4.34E-06	1.37E-09	3.98E-10	4.28E-06	1.35E-09	3.93E-10	4.16E-06	1.31E-09	3.82E-10
626	490536.72, 3859935.12	4.31E-06	1.36E-09	3.96E-10	4.26E-06	1.34E-09	3.91E-10	4.13E-06	1.30E-09	3.79E-10
627	490586.72, 3859935.12	4.30E-06	1.36E-09	3.94E-10	4.24E-06	1.34E-09	3.89E-10	4.12E-06	1.30E-09	3.78E-10
628	490636.72, 3859935.12	4.27E-06	1.35E-09	3.92E-10	4.21E-06	1.33E-09	3.87E-10	4.09E-06	1.29E-09	3.76E-10
629	490686.72, 3859935.12	4.27E-06	1.35E-09	3.92E-10	4.22E-06	1.33E-09	3.87E-10	4.09E-06	1.29E-09	3.76E-10
630	490736.72, 3859935.12	4.27E-06	1.35E-09	3.92E-10	4.21E-06	1.33E-09	3.87E-10	4.09E-06	1.29E-09	3.75E-10
631	490086.72, 3859985.12	4.46E-06	1.41E-09	4.09E-10	4.40E-06	1.39E-09	4.04E-10	4.27E-06	1.35E-09	3.92E-10
632	490136.72, 3859985.12	4.41E-06	1.39E-09	4.05E-10	4.35E-06	1.37E-09	3.99E-10	4.22E-06	1.33E-09	3.88E-10
633	490186.72, 3859985.12	4.37E-06	1.38E-09	4.01E-10	4.31E-06	1.36E-09	3.96E-10	4.18E-06	1.32E-09	3.84E-10
634	490236.72, 3859985.12	4.33E-06	1.37E-09	3.97E-10	4.27E-06	1.35E-09	3.92E-10	4.15E-06	1.31E-09	3.81E-10
635	490286.72, 3859985.12	4.28E-06	1.35E-09	3.93E-10	4.23E-06	1.33E-09	3.88E-10	4.11E-06	1.30E-09	3.77E-10
636	490336.72, 3859985.12	4.24E-06	1.34E-09	3.89E-10	4.18E-06	1.32E-09	3.84E-10	4.06E-06	1.28E-09	3.73E-10
637	490386.72, 3859985.12	4.18E-06	1.32E-09	3.84E-10	4.13E-06	1.30E-09	3.79E-10	4.01E-06	1.26E-09	3.68E-10
638	490436.72, 3859985.12	4.13E-06	1.30E-09	3.79E-10	4.08E-06	1.29E-09	3.74E-10	3.96E-06	1.25E-09	3.63E-10
639	490486.72, 3859985.12	4.09E-06	1.29E-09	3.75E-10	4.03E-06	1.27E-09	3.70E-10	3.92E-06	1.24E-09	3.60E-10
640	490536.72, 3859985.12	4.05E-06	1.28E-09	3.72E-10	4.00E-06	1.26E-09	3.67E-10	3.89E-06	1.23E-09	3.57E-10
641	490586.72, 3859985.12	4.03E-06	1.27E-09	3.70E-10	3.98E-06	1.26E-09	3.65E-10	3.86E-06	1.22E-09	3.55E-10
642	490636.72, 3859985.12	4.02E-06	1.27E-09	3.69E-10	3.96E-06	1.25E-09	3.64E-10	3.85E-06	1.21E-09	3.53E-10
643	490686.72, 3859985.12	4.01E-06	1.27E-09	3.69E-10	3.96E-06	1.25E-09	3.64E-10	3.85E-06	1.21E-09	3.53E-10
644	490736.72, 3859985.12	3.99E-06	1.26E-09	3.66E-10	3.94E-06	1.24E-09	3.62E-10	3.82E-06	1.21E-09	3.51E-10
645	490786.72, 3859985.12	3.97E-06	1.25E-09	3.65E-10	3.92E-06	1.24E-09	3.60E-10	3.81E-06	1.20E-09	3.49E-10
646	490086.72, 3860035.12	4.20E-06	1.33E-09	3.86E-10	4.15E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
647	490136.72, 3860035.12	4.16E-06	1.31E-09	3.81E-10	4.10E-06	1.29E-09	3.76E-10	3.98E-06	1.26E-09	3.66E-10
648	490186.72, 3860035.12	4.11E-06	1.30E-09	3.78E-10	4.06E-06	1.28E-09	3.73E-10	3.94E-06	1.24E-09	3.62E-10
649	490236.72, 3860035.12	4.07E-06	1.29E-09	3.74E-10	4.02E-06	1.27E-09	3.69E-10	3.90E-06	1.23E-09	3.58E-10
650	490286.72, 3860035.12	4.03E-06	1.27E-09	3.70E-10	3.98E-06	1.26E-09	3.65E-10	3.86E-06	1.22E-09	3.55E-10
651	490336.72, 3860035.12	4.00E-06	1.26E-09	3.67E-10	3.95E-06	1.25E-09	3.62E-10	3.83E-06	1.21E-09	3.52E-10
652	490386.72, 3860035.12	3.95E-06	1.25E-09	3.63E-10	3.90E-06	1.23E-09	3.58E-10	3.79E-06	1.19E-09	3.48E-10
653	490436.72, 3860035.12	3.91E-06	1.23E-09	3.59E-10	3.85E-06	1.22E-09	3.54E-10	3.74E-06	1.18E-09	3.44E-10

654	490486.72, 3860035.12	3.87E-06	1.22E-09	3.55E-10	3.81E-06	1.20E-09	3.50E-10	3.70E-06	1.17E-09	3.40E-10
655	490536.72, 3860035.12	3.83E-06	1.21E-09	3.52E-10	3.78E-06	1.19E-09	3.47E-10	3.67E-06	1.16E-09	3.37E-10
656	490586.72, 3860035.12	3.80E-06	1.20E-09	3.49E-10	3.75E-06	1.18E-09	3.45E-10	3.64E-06	1.15E-09	3.35E-10
657	490636.72, 3860035.12	3.77E-06	1.19E-09	3.46E-10	3.72E-06	1.17E-09	3.41E-10	3.61E-06	1.14E-09	3.31E-10
658	490686.72, 3860035.12	3.75E-06	1.18E-09	3.44E-10	3.70E-06	1.17E-09	3.40E-10	3.59E-06	1.13E-09	3.30E-10
659	490736.72, 3860035.12	3.75E-06	1.18E-09	3.45E-10	3.71E-06	1.17E-09	3.40E-10	3.60E-06	1.14E-09	3.30E-10
660	490786.72, 3860035.12	3.73E-06	1.18E-09	3.42E-10	3.68E-06	1.16E-09	3.38E-10	3.57E-06	1.13E-09	3.28E-10
661	490836.72, 3860035.12	3.71E-06	1.17E-09	3.40E-10	3.66E-06	1.15E-09	3.36E-10	3.55E-06	1.12E-09	3.26E-10
662	490086.72, 3860085.12	4.00E-06	1.26E-09	3.67E-10	3.95E-06	1.25E-09	3.62E-10	3.83E-06	1.21E-09	3.52E-10
663	490136.72, 3860085.12	3.94E-06	1.24E-09	3.61E-10	3.88E-06	1.23E-09	3.57E-10	3.77E-06	1.19E-09	3.46E-10
664	490186.72, 3860085.12	3.90E-06	1.23E-09	3.58E-10	3.85E-06	1.21E-09	3.53E-10	3.74E-06	1.18E-09	3.43E-10
665	490236.72, 3860085.12	3.86E-06	1.22E-09	3.54E-10	3.81E-06	1.20E-09	3.49E-10	3.70E-06	1.17E-09	3.39E-10
666	490286.72, 3860085.12	3.82E-06	1.20E-09	3.50E-10	3.77E-06	1.19E-09	3.46E-10	3.66E-06	1.15E-09	3.36E-10
667	490336.72, 3860085.12	3.78E-06	1.19E-09	3.47E-10	3.73E-06	1.18E-09	3.42E-10	3.62E-06	1.14E-09	3.32E-10
668	490386.72, 3860085.12	3.74E-06	1.18E-09	3.43E-10	3.69E-06	1.16E-09	3.39E-10	3.58E-06	1.13E-09	3.29E-10
669	490436.72, 3860085.12	3.70E-06	1.17E-09	3.40E-10	3.65E-06	1.15E-09	3.35E-10	3.55E-06	1.12E-09	3.26E-10
670	490486.72, 3860085.12	3.66E-06	1.16E-09	3.36E-10	3.61E-06	1.14E-09	3.32E-10	3.51E-06	1.11E-09	3.22E-10
671	490536.72, 3860085.12	3.63E-06	1.15E-09	3.34E-10	3.59E-06	1.13E-09	3.29E-10	3.48E-06	1.10E-09	3.20E-10
672	490586.72, 3860085.12	3.60E-06	1.14E-09	3.31E-10	3.56E-06	1.12E-09	3.27E-10	3.45E-06	1.09E-09	3.17E-10
673	490636.72, 3860085.12	3.57E-06	1.13E-09	3.28E-10	3.53E-06	1.11E-09	3.24E-10	3.42E-06	1.08E-09	3.14E-10
674	490686.72, 3860085.12	3.55E-06	1.12E-09	3.26E-10	3.50E-06	1.11E-09	3.22E-10	3.40E-06	1.07E-09	3.12E-10
675	490736.72, 3860085.12	3.53E-06	1.12E-09	3.24E-10	3.49E-06	1.10E-09	3.20E-10	3.39E-06	1.07E-09	3.11E-10
676	490786.72, 3860085.12	3.52E-06	1.11E-09	3.23E-10	3.47E-06	1.10E-09	3.19E-10	3.37E-06	1.06E-09	3.10E-10
677	490836.72, 3860085.12	3.49E-06	1.10E-09	3.21E-10	3.45E-06	1.09E-09	3.16E-10	3.35E-06	1.06E-09	3.07E-10
678	490086.72, 3860135.12	3.79E-06	1.20E-09	3.48E-10	3.74E-06	1.18E-09	3.43E-10	3.63E-06	1.15E-09	3.33E-10
679	490136.72, 3860135.12	3.74E-06	1.18E-09	3.44E-10	3.69E-06	1.17E-09	3.39E-10	3.59E-06	1.13E-09	3.29E-10
680	490186.72, 3860135.12	3.70E-06	1.17E-09	3.40E-10	3.65E-06	1.15E-09	3.36E-10	3.55E-06	1.12E-09	3.26E-10
681	490236.72, 3860135.12	3.66E-06	1.15E-09	3.36E-10	3.61E-06	1.14E-09	3.32E-10	3.51E-06	1.11E-09	3.22E-10
682	490286.72, 3860135.12	3.62E-06	1.14E-09	3.32E-10	3.57E-06	1.13E-09	3.28E-10	3.47E-06	1.10E-09	3.19E-10
683	490336.72, 3860135.12	3.59E-06	1.13E-09	3.29E-10	3.54E-06	1.12E-09	3.25E-10	3.44E-06	1.08E-09	3.15E-10
684	490386.72, 3860135.12	3.55E-06	1.12E-09	3.26E-10	3.50E-06	1.11E-09	3.22E-10	3.40E-06	1.07E-09	3.12E-10
685	490436.72, 3860135.12	3.51E-06	1.11E-09	3.23E-10	3.47E-06	1.09E-09	3.18E-10	3.37E-06	1.06E-09	3.09E-10
686	490486.72, 3860135.12	3.48E-06	1.10E-09	3.20E-10	3.44E-06	1.08E-09	3.15E-10	3.34E-06	1.05E-09	3.06E-10
687	490536.72, 3860135.12	3.46E-06	1.09E-09	3.17E-10	3.41E-06	1.08E-09	3.13E-10	3.31E-06	1.05E-09	3.04E-10
688	490586.72, 3860135.12	3.43E-06	1.08E-09	3.15E-10	3.38E-06	1.07E-09	3.11E-10	3.29E-06	1.04E-09	3.02E-10
689	490636.72, 3860135.12	3.40E-06	1.07E-09	3.12E-10	3.36E-06	1.06E-09	3.08E-10	3.26E-06	1.03E-09	2.99E-10
690	490686.72, 3860135.12	3.37E-06	1.06E-09	3.09E-10	3.33E-06	1.05E-09	3.05E-10	3.23E-06	1.02E-09	2.97E-10
691	490736.72, 3860135.12	3.35E-06	1.06E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.21E-06	1.01E-09	2.94E-10
692	490786.72, 3860135.12	3.33E-06	1.05E-09	3.06E-10	3.29E-06	1.04E-09	3.02E-10	3.19E-06	1.01E-09	2.93E-10
693	490836.72, 3860135.12	3.30E-06	1.04E-09	3.03E-10	3.26E-06	1.03E-09	2.99E-10	3.17E-06	9.99E-10	2.91E-10
694	490086.72, 3860185.12	3.62E-06	1.14E-09	3.32E-10	3.57E-06	1.13E-09	3.28E-10	3.47E-06	1.09E-09	3.18E-10
695	490136.72, 3860185.12	3.58E-06	1.13E-09	3.28E-10	3.53E-06	1.11E-09	3.24E-10	3.43E-06	1.08E-09	3.15E-10
696	490186.72, 3860185.12	3.53E-06	1.12E-09	3.24E-10	3.49E-06	1.10E-09	3.20E-10	3.39E-06	1.07E-09	3.11E-10
697	490236.72, 3860185.12	3.49E-06	1.10E-09	3.20E-10	3.44E-06	1.09E-09	3.16E-10	3.34E-06	1.06E-09	3.07E-10
698	490286.72, 3860185.12	3.45E-06	1.09E-09	3.17E-10	3.40E-06	1.07E-09	3.12E-10	3.31E-06	1.04E-09	3.03E-10
699	490336.72, 3860185.12	3.41E-06	1.08E-09	3.13E-10	3.37E-06	1.06E-09	3.09E-10	3.27E-06	1.03E-09	3.00E-10
700	490386.72, 3860185.12	3.38E-06	1.07E-09	3.10E-10	3.33E-06	1.05E-09	3.06E-10	3.24E-06	1.02E-09	2.97E-10
701	490436.72, 3860185.12	3.35E-06	1.06E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.21E-06	1.01E-09	2.94E-10
702	490486.72, 3860185.12	3.32E-06	1.05E-09	3.04E-10	3.27E-06	1.03E-09	3.00E-10	3.18E-06	1.00E-09	2.92E-10
703	490536.72, 3860185.12	3.29E-06	1.04E-09	3.02E-10	3.25E-06	1.03E-09	2.98E-10	3.15E-06	9.96E-10	2.90E-10
704	490586.72, 3860185.12	3.27E-06	1.03E-09	3.00E-10	3.23E-06	1.02E-09	2.96E-10	3.14E-06	9.90E-10	2.88E-10
705	490636.72, 3860185.12	3.24E-06	1.02E-09	2.98E-10	3.20E-06	1.01E-09	2.94E-10	3.11E-06	9.81E-10	2.85E-10
706	490686.72, 3860185.12	3.22E-06	1.02E-09	2.95E-10	3.18E-06	1.00E-09	2.92E-10	3.08E-06	9.74E-10	2.83E-10
707	490736.72, 3860185.12	3.19E-06	1.01E-09	2.93E-10	3.15E-06	9.93E-10	2.89E-10	3.05E-06	9.64E-10	2.80E-10
708	490786.72, 3860185.12	3.16E-06	9.99E-10	2.90E-10	3.12E-06	9.86E-10	2.87E-10	3.03E-06	9.57E-10	2.78E-10
709	490836.72, 3860185.12	3.14E-06	9.91E-10	2.88E-10	3.10E-06	9.78E-10	2.85E-10	3.01E-06	9.50E-10	2.76E-10
710	490086.72, 3860235.12	3.47E-06	1.10E-09	3.19E-10	3.42E-06	1.08E-09	3.14E-10	3.33E-06	1.05E-09	3.05E-10
711	490136.72, 3860235.12	3.43E-06	1.08E-09	3.15E-10	3.38E-06	1.07E-09	3.10E-10	3.28E-06	1.04E-09	3.01E-10
712	490186.72, 3860235.12	3.38E-06	1.07E-09	3.11E-10	3.34E-06	1.05E-09	3.07E-10	3.24E-06	1.02E-09	2.98E-10
713	490236.72, 3860235.12	3.34E-06	1.05E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.20E-06	1.01E-09	2.94E-10
714	490286.72, 3860235.12	3.30E-06	1.04E-09	3.03E-10	3.26E-06	1.03E-09	2.99E-10	3.16E-06	9.98E-10	2.90E-10
715	490336.72, 3860235.12	3.26E-06	1.03E-09	2.99E-10	3.22E-06	1.02E-09	2.95E-10	3.13E-06	9.86E-10	2.87E-10
716	490386.72, 3860235.12	3.23E-06	1.02E-09	2.96E-10	3.18E-06	1.01E-09	2.92E-10	3.09E-06	9.76E-10	2.84E-10
717	490436.72, 3860235.12	3.20E-06	1.01E-09	2.94E-10	3.16E-06	9.96E-10	2.90E-10	3.06E-06	9.67E-10	2.81E-10
718	490486.72, 3860235.12	3.17E-06	1.00E-09	2.91E-10	3.13E-06	9.87E-10	2.87E-10	3.04E-06	9.59E-10	2.79E-10
719	490536.72, 3860235.12	3.15E-06	9.93E-10	2.89E-10	3.10E-06	9.80E-10	2.85E-10	3.01E-06	9.51E-10	2.77E-10
720	490586.72, 3860235.12	3.12E-06	9.86E-10	2.87E-10	3.08E-06	9.73E-10	2.83E-10	2.99E-06	9.45E-10	2.75E-10
721	490636.72, 3860235.12	3.10E-06	9.79E-10	2.85E-10	3.06E-06	9.66E-10	2.81E-10	2.97E-06	9.38E-10	2.73E-10
722	490686.72, 3860235.12	3.08E-06	9.72E-10	2.83E-10	3.04E-06	9.59E-10	2.79E-10	2.95E-06	9.31E-10	2.71E-10
723	490736.72, 3860235.12	3.05E-06	9.63E-10	2.80E-10	3.01E-06	9.51E-10	2.77E-10	2.93E-06	9.23E-10	2.69E-10
724	490786.72, 3860235.12	3.02E-06	9.55E-10	2.78E-10	2.99E-06	9.42E-10	2.74E-10	2.90E-06	9.15E-10	2.66E-10
725	490086.72, 3860285.12	3.33E-06	1.05E-09	3.06E-10	3.29E-06	1.04E-09	3.02E-10	3.19E-06	1.01E-09	2.93E-10
726	490136.72, 3860285.12	3.29E-06	1.04E-09	3.02E-10	3.25E-06	1.03E-09	2.98E-10	3.15E-06	9.96E-10	2.90E-10

727	490186.72, 3860285.12	3.25E-06	1.03E-09	2.98E-10	3.21E-06	1.01E-09	2.94E-10	3.11E-06	9.83E-10	2.86E-10
728	490236.72, 3860285.12	3.21E-06	1.01E-09	2.95E-10	3.17E-06	1.00E-09	2.91E-10	3.08E-06	9.71E-10	2.82E-10
729	490286.72, 3860285.12	3.17E-06	9.99E-10	2.91E-10	3.12E-06	9.86E-10	2.87E-10	3.03E-06	9.58E-10	2.79E-10
730	490336.72, 3860285.12	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
731	490386.72, 3860285.12	3.09E-06	9.77E-10	2.84E-10	3.05E-06	9.64E-10	2.80E-10	2.97E-06	9.36E-10	2.72E-10
732	490436.72, 3860285.12	3.06E-06	9.67E-10	2.81E-10	3.02E-06	9.54E-10	2.78E-10	2.94E-06	9.27E-10	2.70E-10
733	490486.72, 3860285.12	3.04E-06	9.59E-10	2.79E-10	3.00E-06	9.46E-10	2.75E-10	2.91E-06	9.19E-10	2.67E-10
734	490536.72, 3860285.12	3.01E-06	9.50E-10	2.76E-10	2.97E-06	9.38E-10	2.73E-10	2.89E-06	9.11E-10	2.65E-10
735	490586.72, 3860285.12	2.99E-06	9.43E-10	2.74E-10	2.95E-06	9.31E-10	2.71E-10	2.86E-06	9.04E-10	2.63E-10
736	490636.72, 3860285.12	2.97E-06	9.37E-10	2.72E-10	2.93E-06	9.24E-10	2.69E-10	2.84E-06	8.98E-10	2.61E-10
737	490686.72, 3860285.12	2.95E-06	9.30E-10	2.71E-10	2.91E-06	9.18E-10	2.67E-10	2.83E-06	8.92E-10	2.59E-10
738	490736.72, 3860285.12	2.93E-06	9.23E-10	2.69E-10	2.89E-06	9.11E-10	2.65E-10	2.80E-06	8.85E-10	2.57E-10
739	490786.72, 3860285.12	2.90E-06	9.16E-10	2.67E-10	2.87E-06	9.04E-10	2.63E-10	2.78E-06	8.78E-10	2.55E-10
740	490086.72, 3860335.12	3.21E-06	1.01E-09	2.94E-10	3.16E-06	9.99E-10	2.91E-10	3.07E-06	9.70E-10	2.82E-10
741	490136.72, 3860335.12	3.17E-06	1.00E-09	2.91E-10	3.13E-06	9.87E-10	2.87E-10	3.04E-06	9.58E-10	2.79E-10
742	490186.72, 3860335.12	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
743	490236.72, 3860335.12	3.09E-06	9.75E-10	2.84E-10	3.05E-06	9.62E-10	2.80E-10	2.96E-06	9.34E-10	2.72E-10
744	490286.72, 3860335.12	3.05E-06	9.62E-10	2.80E-10	3.01E-06	9.50E-10	2.76E-10	2.92E-06	9.22E-10	2.68E-10
745	490336.72, 3860335.12	3.01E-06	9.50E-10	2.76E-10	2.97E-06	9.37E-10	2.73E-10	2.88E-06	9.10E-10	2.65E-10
746	490386.72, 3860335.12	2.98E-06	9.39E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.00E-10	2.62E-10
747	490436.72, 3860335.12	2.94E-06	9.29E-10	2.70E-10	2.91E-06	9.17E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
748	490486.72, 3860335.12	2.92E-06	9.20E-10	2.68E-10	2.88E-06	9.08E-10	2.64E-10	2.80E-06	8.82E-10	2.57E-10
749	490536.72, 3860335.12	2.89E-06	9.13E-10	2.66E-10	2.86E-06	9.01E-10	2.62E-10	2.77E-06	8.75E-10	2.55E-10
750	490586.72, 3860335.12	2.87E-06	9.05E-10	2.63E-10	2.83E-06	8.94E-10	2.60E-10	2.75E-06	8.68E-10	2.52E-10
751	490636.72, 3860335.12	2.85E-06	8.99E-10	2.61E-10	2.81E-06	8.87E-10	2.58E-10	2.73E-06	8.61E-10	2.51E-10
752	490686.72, 3860335.12	2.83E-06	8.93E-10	2.60E-10	2.79E-06	8.81E-10	2.56E-10	2.71E-06	8.56E-10	2.49E-10
753	490736.72, 3860335.12	2.81E-06	8.86E-10	2.58E-10	2.77E-06	8.75E-10	2.54E-10	2.69E-06	8.49E-10	2.47E-10
754	490786.72, 3860335.12	2.79E-06	8.81E-10	2.56E-10	2.76E-06	8.70E-10	2.53E-10	2.68E-06	8.44E-10	2.46E-10
755	490086.72, 3860385.12	3.09E-06	9.76E-10	2.84E-10	3.05E-06	9.63E-10	2.80E-10	2.96E-06	9.35E-10	2.72E-10
756	490136.72, 3860385.12	3.06E-06	9.64E-10	2.80E-10	3.02E-06	9.52E-10	2.77E-10	2.93E-06	9.24E-10	2.69E-10
757	490186.72, 3860385.12	3.01E-06	9.51E-10	2.77E-10	2.97E-06	9.38E-10	2.73E-10	2.89E-06	9.11E-10	2.65E-10
758	490236.72, 3860385.12	2.98E-06	9.39E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.00E-10	2.62E-10
759	490286.72, 3860385.12	2.94E-06	9.27E-10	2.70E-10	2.90E-06	9.15E-10	2.66E-10	2.82E-06	8.89E-10	2.59E-10
760	490336.72, 3860385.12	2.90E-06	9.16E-10	2.66E-10	2.86E-06	9.04E-10	2.63E-10	2.78E-06	8.78E-10	2.55E-10
761	490386.72, 3860385.12	2.87E-06	9.05E-10	2.63E-10	2.83E-06	8.93E-10	2.60E-10	2.75E-06	8.68E-10	2.52E-10
762	490436.72, 3860385.12	2.84E-06	8.96E-10	2.60E-10	2.80E-06	8.84E-10	2.57E-10	2.72E-06	8.58E-10	2.50E-10
763	490486.72, 3860385.12	2.81E-06	8.87E-10	2.58E-10	2.77E-06	8.76E-10	2.55E-10	2.69E-06	8.50E-10	2.47E-10
764	490536.72, 3860385.12	2.79E-06	8.79E-10	2.56E-10	2.75E-06	8.68E-10	2.52E-10	2.67E-06	8.43E-10	2.45E-10
765	490586.72, 3860385.12	2.76E-06	8.72E-10	2.54E-10	2.73E-06	8.61E-10	2.50E-10	2.65E-06	8.36E-10	2.43E-10
766	490636.72, 3860385.12	2.74E-06	8.65E-10	2.52E-10	2.70E-06	8.54E-10	2.48E-10	2.63E-06	8.29E-10	2.41E-10
767	490686.72, 3860385.12	2.72E-06	8.59E-10	2.50E-10	2.69E-06	8.48E-10	2.47E-10	2.61E-06	8.23E-10	2.39E-10
768	490736.72, 3860385.12	2.70E-06	8.52E-10	2.48E-10	2.66E-06	8.41E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
769	490786.72, 3860385.12	2.68E-06	8.46E-10	2.46E-10	2.64E-06	8.35E-10	2.43E-10	2.57E-06	8.11E-10	2.36E-10
770	490136.72, 3860435.12	2.95E-06	9.30E-10	2.71E-10	2.91E-06	9.18E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
771	490186.72, 3860435.12	2.91E-06	9.18E-10	2.67E-10	2.87E-06	9.06E-10	2.64E-10	2.79E-06	8.80E-10	2.56E-10
772	490236.72, 3860435.12	2.87E-06	9.07E-10	2.64E-10	2.84E-06	8.95E-10	2.60E-10	2.75E-06	8.69E-10	2.53E-10
773	490286.72, 3860435.12	2.84E-06	8.96E-10	2.60E-10	2.80E-06	8.84E-10	2.57E-10	2.72E-06	8.58E-10	2.50E-10
774	490336.72, 3860435.12	2.80E-06	8.84E-10	2.57E-10	2.77E-06	8.73E-10	2.54E-10	2.69E-06	8.47E-10	2.47E-10
775	490386.72, 3860435.12	2.77E-06	8.74E-10	2.54E-10	2.73E-06	8.63E-10	2.51E-10	2.66E-06	8.38E-10	2.44E-10
776	490436.72, 3860435.12	2.74E-06	8.65E-10	2.52E-10	2.70E-06	8.54E-10	2.48E-10	2.63E-06	8.29E-10	2.41E-10
777	490486.72, 3860435.12	2.71E-06	8.56E-10	2.49E-10	2.68E-06	8.45E-10	2.46E-10	2.60E-06	8.21E-10	2.39E-10
778	490536.72, 3860435.12	2.69E-06	8.48E-10	2.47E-10	2.65E-06	8.37E-10	2.44E-10	2.58E-06	8.13E-10	2.37E-10
779	490586.72, 3860435.12	2.66E-06	8.41E-10	2.45E-10	2.63E-06	8.30E-10	2.41E-10	2.55E-06	8.06E-10	2.34E-10
780	490636.72, 3860435.12	2.64E-06	8.33E-10	2.42E-10	2.61E-06	8.22E-10	2.39E-10	2.53E-06	7.99E-10	2.32E-10
781	490686.72, 3860435.12	2.62E-06	8.27E-10	2.41E-10	2.59E-06	8.16E-10	2.37E-10	2.51E-06	7.93E-10	2.31E-10
782	490736.72, 3860435.12	2.60E-06	8.21E-10	2.39E-10	2.57E-06	8.11E-10	2.36E-10	2.49E-06	7.87E-10	2.29E-10
783	490786.72, 3860435.12	2.58E-06	8.15E-10	2.37E-10	2.55E-06	8.04E-10	2.34E-10	2.47E-06	7.81E-10	2.27E-10
784	490136.72, 3860485.12	2.85E-06	9.01E-10	2.62E-10	2.82E-06	8.89E-10	2.59E-10	2.74E-06	8.63E-10	2.51E-10
785	490186.72, 3860485.12	2.82E-06	8.89E-10	2.58E-10	2.78E-06	8.77E-10	2.55E-10	2.70E-06	8.52E-10	2.48E-10
786	490236.72, 3860485.12	2.78E-06	8.77E-10	2.55E-10	2.74E-06	8.65E-10	2.52E-10	2.66E-06	8.40E-10	2.44E-10
787	490286.72, 3860485.12	2.74E-06	8.66E-10	2.52E-10	2.71E-06	8.55E-10	2.49E-10	2.63E-06	8.30E-10	2.41E-10
788	490336.72, 3860485.12	2.71E-06	8.56E-10	2.49E-10	2.68E-06	8.44E-10	2.46E-10	2.60E-06	8.20E-10	2.39E-10
789	490386.72, 3860485.12	2.68E-06	8.46E-10	2.46E-10	2.65E-06	8.35E-10	2.43E-10	2.57E-06	8.11E-10	2.36E-10
790	490436.72, 3860485.12	2.66E-06	8.38E-10	2.44E-10	2.62E-06	8.27E-10	2.41E-10	2.55E-06	8.03E-10	2.34E-10
791	490486.72, 3860485.12	2.63E-06	8.29E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.95E-10	2.31E-10
792	490536.72, 3860485.12	2.60E-06	8.20E-10	2.39E-10	2.57E-06	8.10E-10	2.35E-10	2.49E-06	7.86E-10	2.29E-10
793	490586.72, 3860485.12	2.57E-06	8.12E-10	2.36E-10	2.54E-06	8.02E-10	2.33E-10	2.47E-06	7.78E-10	2.26E-10
794	490636.72, 3860485.12	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.95E-10	2.31E-10	2.45E-06	7.72E-10	2.25E-10
795	490686.72, 3860485.12	2.53E-06	7.98E-10	2.32E-10	2.50E-06	7.88E-10	2.29E-10	2.42E-06	7.65E-10	2.22E-10
796	490736.72, 3860485.12	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.82E-10	2.27E-10	2.40E-06	7.59E-10	2.21E-10
797	490786.72, 3860485.12	2.49E-06	7.86E-10	2.29E-10	2.46E-06	7.76E-10	2.26E-10	2.39E-06	7.53E-10	2.19E-10
798	490136.72, 3860535.12	2.77E-06	8.73E-10	2.54E-10	2.73E-06	8.62E-10	2.51E-10	2.65E-06	8.37E-10	2.43E-10
799	490186.72, 3860535.12	2.73E-06	8.63E-10	2.51E-10	2.70E-06	8.52E-10	2.48E-10	2.62E-06	8.27E-10	2.41E-10

800	490236.72, 3860535.12	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
801	490286.72, 3860535.12	2.66E-06	8.38E-10	2.44E-10	2.62E-06	8.27E-10	2.41E-10	2.55E-06	8.03E-10	2.34E-10
802	490336.72, 3860535.12	2.63E-06	8.29E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.94E-10	2.31E-10
803	490386.72, 3860535.12	2.60E-06	8.21E-10	2.39E-10	2.57E-06	8.10E-10	2.36E-10	2.49E-06	7.87E-10	2.29E-10
804	490436.72, 3860535.12	2.58E-06	8.13E-10	2.36E-10	2.54E-06	8.02E-10	2.33E-10	2.47E-06	7.79E-10	2.27E-10
805	490486.72, 3860535.12	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
806	490536.72, 3860535.12	2.53E-06	7.99E-10	2.33E-10	2.50E-06	7.89E-10	2.29E-10	2.43E-06	7.66E-10	2.23E-10
807	490586.72, 3860535.12	2.50E-06	7.88E-10	2.29E-10	2.46E-06	7.77E-10	2.26E-10	2.39E-06	7.55E-10	2.20E-10
808	490636.72, 3860535.12	2.47E-06	7.80E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
809	490686.72, 3860535.12	2.45E-06	7.73E-10	2.25E-10	2.42E-06	7.63E-10	2.22E-10	2.35E-06	7.41E-10	2.15E-10
810	490736.72, 3860535.12	2.43E-06	7.66E-10	2.23E-10	2.39E-06	7.56E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
811	490786.72, 3860535.12	2.41E-06	7.60E-10	2.21E-10	2.38E-06	7.50E-10	2.18E-10	2.31E-06	7.28E-10	2.12E-10
812	490136.72, 3860585.12	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
813	490186.72, 3860585.12	2.64E-06	8.32E-10	2.42E-10	2.60E-06	8.21E-10	2.39E-10	2.53E-06	7.98E-10	2.32E-10
814	490236.72, 3860585.12	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
815	490286.72, 3860585.12	2.58E-06	8.13E-10	2.37E-10	2.54E-06	8.03E-10	2.34E-10	2.47E-06	7.80E-10	2.27E-10
816	490336.72, 3860585.12	2.55E-06	8.04E-10	2.34E-10	2.51E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
817	490386.72, 3860585.12	2.52E-06	7.95E-10	2.31E-10	2.49E-06	7.85E-10	2.28E-10	2.41E-06	7.62E-10	2.22E-10
818	490436.72, 3860585.12	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
819	490486.72, 3860585.12	2.49E-06	7.85E-10	2.28E-10	2.45E-06	7.74E-10	2.25E-10	2.38E-06	7.52E-10	2.19E-10
820	490536.72, 3860585.12	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
821	490586.72, 3860585.12	2.42E-06	7.63E-10	2.22E-10	2.39E-06	7.53E-10	2.19E-10	2.32E-06	7.32E-10	2.13E-10
822	490636.72, 3860585.12	2.40E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
823	490686.72, 3860585.12	2.37E-06	7.49E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.18E-10	2.09E-10
824	490736.72, 3860585.12	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10
825	490786.72, 3860585.12	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10
826	490136.72, 3860635.12	2.62E-06	8.28E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.94E-10	2.31E-10
827	490186.72, 3860635.12	2.58E-06	8.14E-10	2.37E-10	2.54E-06	8.03E-10	2.34E-10	2.47E-06	7.80E-10	2.27E-10
828	490236.72, 3860635.12	2.53E-06	8.00E-10	2.33E-10	2.50E-06	7.89E-10	2.30E-10	2.43E-06	7.66E-10	2.23E-10
829	490286.72, 3860635.12	2.50E-06	7.89E-10	2.30E-10	2.47E-06	7.79E-10	2.27E-10	2.40E-06	7.56E-10	2.20E-10
830	490336.72, 3860635.12	2.47E-06	7.81E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.48E-10	2.18E-10
831	490386.72, 3860635.12	2.45E-06	7.72E-10	2.25E-10	2.42E-06	7.62E-10	2.22E-10	2.35E-06	7.40E-10	2.15E-10
832	490436.72, 3860635.12	2.42E-06	7.64E-10	2.22E-10	2.39E-06	7.54E-10	2.19E-10	2.32E-06	7.32E-10	2.13E-10
833	490486.72, 3860635.12	2.40E-06	7.57E-10	2.20E-10	2.37E-06	7.47E-10	2.17E-10	2.30E-06	7.26E-10	2.11E-10
834	490536.72, 3860635.12	2.38E-06	7.51E-10	2.19E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
835	490586.72, 3860635.12	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10
836	490636.72, 3860635.12	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
837	490686.72, 3860635.12	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
838	490736.72, 3860635.12	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.10E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
839	490786.72, 3860635.12	2.26E-06	7.13E-10	2.07E-10	2.23E-06	7.04E-10	2.05E-10	2.17E-06	6.84E-10	1.99E-10
840	490136.72, 3860685.12	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.95E-10	2.31E-10	2.45E-06	7.72E-10	2.24E-10
841	490186.72, 3860685.12	2.52E-06	7.96E-10	2.32E-10	2.49E-06	7.86E-10	2.29E-10	2.42E-06	7.63E-10	2.22E-10
842	490236.72, 3860685.12	2.48E-06	7.82E-10	2.27E-10	2.44E-06	7.72E-10	2.24E-10	2.37E-06	7.49E-10	2.18E-10
843	490286.72, 3860685.12	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
844	490336.72, 3860685.12	2.41E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.31E-06	7.28E-10	2.12E-10
845	490386.72, 3860685.12	2.38E-06	7.51E-10	2.18E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
846	490436.72, 3860685.12	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.25E-06	7.12E-10	2.07E-10
847	490486.72, 3860685.12	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
848	490536.72, 3860685.12	2.31E-06	7.28E-10	2.12E-10	2.27E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
849	490586.72, 3860685.12	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
850	490636.72, 3860685.12	2.26E-06	7.14E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
851	490686.72, 3860685.12	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
852	490736.72, 3860685.12	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
853	490786.72, 3860685.12	2.20E-06	6.95E-10	2.02E-10	2.17E-06	6.86E-10	2.00E-10	2.11E-06	6.66E-10	1.94E-10
854	490136.72, 3860735.12	2.47E-06	7.81E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.48E-10	2.18E-10
855	490186.72, 3860735.12	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
856	490236.72, 3860735.12	2.40E-06	7.56E-10	2.20E-10	2.37E-06	7.46E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
857	490286.72, 3860735.12	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
858	490336.72, 3860735.12	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
859	490386.72, 3860735.12	2.31E-06	7.31E-10	2.12E-10	2.28E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
860	490436.72, 3860735.12	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
861	490486.72, 3860735.12	2.27E-06	7.17E-10	2.08E-10	2.24E-06	7.07E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
862	490536.72, 3860735.12	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
863	490586.72, 3860735.12	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
864	490636.72, 3860735.12	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10
865	490686.72, 3860735.12	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.98E-10	2.09E-06	6.59E-10	1.92E-10
866	490736.72, 3860735.12	2.16E-06	6.83E-10	1.99E-10	2.14E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
867	490136.72, 3860785.12	2.40E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
868	490186.72, 3860785.12	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
869	490236.72, 3860785.12	2.33E-06	7.36E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.24E-06	7.05E-10	2.05E-10
870	490286.72, 3860785.12	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.09E-10	2.21E-06	6.96E-10	2.03E-10
871	490336.72, 3860785.12	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
872	490386.72, 3860785.12	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10

873	490436.72, 3860785.12	2.23E-06	7.04E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
874	490486.72, 3860785.12	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.95E-10
875	490536.72, 3860785.12	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.61E-10	1.92E-10
876	490586.72, 3860785.12	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
877	490636.72, 3860785.12	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
878	490686.72, 3860785.12	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
879	490736.72, 3860785.12	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.55E-10	1.90E-10	2.01E-06	6.36E-10	1.85E-10
880	490086.72, 3860835.12	2.39E-06	7.53E-10	2.19E-10	2.36E-06	7.44E-10	2.16E-10	2.29E-06	7.22E-10	2.10E-10
881	490136.72, 3860835.12	2.35E-06	7.41E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.10E-10	2.07E-10
882	490186.72, 3860835.12	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
883	490236.72, 3860835.12	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
884	490286.72, 3860835.12	2.24E-06	7.09E-10	2.06E-10	2.22E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.98E-10
885	490336.72, 3860835.12	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
886	490386.72, 3860835.12	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
887	490436.72, 3860835.12	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.56E-10	1.91E-10
888	490486.72, 3860835.12	2.15E-06	6.79E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
889	490536.72, 3860835.12	2.13E-06	6.72E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
890	490586.72, 3860835.12	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10
891	490636.72, 3860835.12	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.48E-10	1.88E-10	1.99E-06	6.29E-10	1.83E-10
892	490686.72, 3860835.12	2.06E-06	6.51E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.98E-06	6.23E-10	1.81E-10
893	490736.72, 3860835.12	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
894	490086.72, 3860885.12	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
895	490136.72, 3860885.12	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
896	490186.72, 3860885.12	2.26E-06	7.12E-10	2.07E-10	2.23E-06	7.03E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
897	490236.72, 3860885.12	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
898	490286.72, 3860885.12	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
899	490336.72, 3860885.12	2.16E-06	6.82E-10	1.99E-10	2.13E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
900	490386.72, 3860885.12	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
901	490436.72, 3860885.12	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
902	490486.72, 3860885.12	2.10E-06	6.62E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
903	490536.72, 3860885.12	2.07E-06	6.55E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
904	490586.72, 3860885.12	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.80E-10
905	490636.72, 3860885.12	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.14E-10	1.78E-10
906	490686.72, 3860885.12	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
907	490736.72, 3860885.12	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
908	490086.72, 3860935.12	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
909	490136.72, 3860935.12	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.77E-10	1.97E-10
910	490186.72, 3860935.12	2.20E-06	6.96E-10	2.02E-10	2.18E-06	6.86E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
911	490236.72, 3860935.12	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
912	490286.72, 3860935.12	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
913	490336.72, 3860935.12	2.11E-06	6.67E-10	1.94E-10	2.09E-06	6.58E-10	1.91E-10	2.03E-06	6.39E-10	1.86E-10
914	490386.72, 3860935.12	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
915	490436.72, 3860935.12	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.45E-10	1.87E-10	1.98E-06	6.26E-10	1.82E-10
916	490486.72, 3860935.12	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
917	490536.72, 3860935.12	2.03E-06	6.39E-10	1.86E-10	2.00E-06	6.31E-10	1.83E-10	1.94E-06	6.13E-10	1.78E-10
918	490586.72, 3860935.12	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
919	490636.72, 3860935.12	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
920	490686.72, 3860935.12	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
921	490736.72, 3860935.12	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
922	490786.72, 3860935.12	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
923	490836.72, 3860935.12	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.77E-10	1.68E-10
924	490086.72, 3860985.12	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
925	490136.72, 3860985.12	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
926	490186.72, 3860985.12	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
927	490236.72, 3860985.12	2.12E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
928	490286.72, 3860985.12	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
929	490336.72, 3860985.12	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.44E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
930	490386.72, 3860985.12	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
931	490436.72, 3860985.12	2.02E-06	6.39E-10	1.86E-10	2.00E-06	6.30E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10
932	490486.72, 3860985.12	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
933	490536.72, 3860985.12	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
934	490586.72, 3860985.12	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
935	490636.72, 3860985.12	1.93E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
936	490686.72, 3860985.12	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
937	490736.72, 3860985.12	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.90E-10	1.71E-10	1.81E-06	5.73E-10	1.67E-10
938	490786.72, 3860985.12	1.87E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
939	490836.72, 3860985.12	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.68E-10	1.78E-06	5.63E-10	1.64E-10
940	490086.72, 3861035.12	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
941	490136.72, 3861035.12	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
942	490186.72, 3861035.12	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
943	490236.72, 3861035.12	2.08E-06	6.58E-10	1.91E-10	2.06E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
944	490286.72, 3861035.12	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.20E-10	1.80E-10
945	490336.72, 3861035.12	2.02E-06	6.38E-10	1.86E-10	2.00E-06	6.30E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10

946	490386.72, 3861035.12	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
947	490436.72, 3861035.12	1.98E-06	6.25E-10	1.82E-10	1.96E-06	6.17E-10	1.80E-10	1.90E-06	5.99E-10	1.74E-10
948	490486.72, 3861035.12	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
949	490536.72, 3861035.12	1.94E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
950	490586.72, 3861035.12	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
951	490636.72, 3861035.12	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
952	490686.72, 3861035.12	1.87E-06	5.90E-10	1.72E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
953	490736.72, 3861035.12	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
954	490786.72, 3861035.12	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.71E-10	1.66E-10	1.76E-06	5.54E-10	1.61E-10
955	490836.72, 3861035.12	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
956	490086.72, 3861085.12	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
957	490136.72, 3861085.12	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
958	490186.72, 3861085.12	2.08E-06	6.58E-10	1.91E-10	2.06E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
959	490236.72, 3861085.12	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
960	490286.72, 3861085.12	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
961	490336.72, 3861085.12	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.75E-10
962	490386.72, 3861085.12	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.73E-10
963	490436.72, 3861085.12	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
964	490486.72, 3861085.12	1.92E-06	6.05E-10	1.76E-10	1.89E-06	5.97E-10	1.74E-10	1.84E-06	5.80E-10	1.69E-10
965	490536.72, 3861085.12	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
966	490586.72, 3861085.12	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
967	490636.72, 3861085.12	1.85E-06	5.84E-10	1.70E-10	1.82E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
968	490686.72, 3861085.12	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
969	490736.72, 3861085.12	1.81E-06	5.71E-10	1.66E-10	1.79E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
970	490786.72, 3861085.12	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
971	490836.72, 3861085.12	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
972	490086.72, 3861135.12	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
973	490136.72, 3861135.12	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.48E-10	1.89E-10	1.99E-06	6.29E-10	1.83E-10
974	490186.72, 3861135.12	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
975	490236.72, 3861135.12	2.01E-06	6.35E-10	1.85E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
976	490286.72, 3861135.12	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
977	490336.72, 3861135.12	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
978	490386.72, 3861135.12	1.92E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
979	490436.72, 3861135.12	1.90E-06	6.00E-10	1.74E-10	1.88E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
980	490486.72, 3861135.12	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
981	490536.72, 3861135.12	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.62E-10	1.63E-10
982	490586.72, 3861135.12	1.83E-06	5.79E-10	1.68E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.61E-10
983	490636.72, 3861135.12	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.74E-06	5.48E-10	1.59E-10
984	490686.72, 3861135.12	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
985	490736.72, 3861135.12	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
986	490786.72, 3861135.12	1.75E-06	5.54E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.31E-10	1.54E-10
987	490836.72, 3861135.12	1.74E-06	5.48E-10	1.59E-10	1.71E-06	5.41E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
988	490086.72, 3861185.12	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
989	490136.72, 3861185.12	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.36E-10	1.85E-10	1.96E-06	6.17E-10	1.80E-10
990	490186.72, 3861185.12	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.82E-10	1.92E-06	6.06E-10	1.76E-10
991	490236.72, 3861185.12	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
992	490286.72, 3861185.12	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
993	490336.72, 3861185.12	1.91E-06	6.03E-10	1.75E-10	1.88E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
994	490386.72, 3861185.12	1.89E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
995	490436.72, 3861185.12	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
996	490486.72, 3861185.12	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
997	490536.72, 3861185.12	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.60E-10
998	490586.72, 3861185.12	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
999	490636.72, 3861185.12	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
1000	490686.72, 3861185.12	1.75E-06	5.54E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.31E-10	1.54E-10
1001	490736.72, 3861185.12	1.74E-06	5.48E-10	1.59E-10	1.71E-06	5.41E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1002	490786.72, 3861185.12	1.72E-06	5.43E-10	1.58E-10	1.70E-06	5.36E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1003	490836.72, 3861185.12	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1004	490086.72, 3861235.12	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
1005	490136.72, 3861235.12	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.92E-06	6.08E-10	1.77E-10
1006	490186.72, 3861235.12	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
1007	490236.72, 3861235.12	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1008	490386.72, 3861235.12	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.76E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
1009	490436.72, 3861235.12	1.82E-06	5.75E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.51E-10	1.60E-10
1010	490486.72, 3861235.12	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
1011	490536.72, 3861235.12	1.79E-06	5.64E-10	1.64E-10	1.76E-06	5.57E-10	1.62E-10	1.71E-06	5.41E-10	1.57E-10
1012	490586.72, 3861235.12	1.77E-06	5.59E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1013	490636.72, 3861235.12	1.74E-06	5.49E-10	1.60E-10	1.72E-06	5.42E-10	1.58E-10	1.67E-06	5.26E-10	1.53E-10
1014	490686.72, 3861235.12	1.72E-06	5.43E-10	1.58E-10	1.70E-06	5.36E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1015	490736.72, 3861235.12	1.70E-06	5.38E-10	1.56E-10	1.68E-06	5.31E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1016	490786.72, 3861235.12	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
1017	490836.72, 3861235.12	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1018	490086.72, 3861285.12	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.14E-10	1.78E-10

1019	490136.72, 3861285.12	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.90E-06	6.01E-10	1.75E-10
1020	490186.72, 3861285.12	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1021	490236.72, 3861285.12	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.72E-10	1.82E-06	5.76E-10	1.68E-10
1022	490386.72, 3861285.12	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
1023	490436.72, 3861285.12	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
1024	490486.72, 3861285.12	1.77E-06	5.58E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1025	490536.72, 3861285.12	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
1026	490586.72, 3861285.12	1.73E-06	5.46E-10	1.59E-10	1.71E-06	5.39E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1027	490636.72, 3861285.12	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.63E-06	5.16E-10	1.50E-10
1028	490686.72, 3861285.12	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
1029	490736.72, 3861285.12	1.67E-06	5.28E-10	1.54E-10	1.65E-06	5.21E-10	1.52E-10	1.60E-06	5.06E-10	1.47E-10
1030	490786.72, 3861285.12	1.65E-06	5.22E-10	1.52E-10	1.63E-06	5.15E-10	1.50E-10	1.59E-06	5.00E-10	1.46E-10
1031	490836.72, 3861285.12	1.63E-06	5.16E-10	1.50E-10	1.61E-06	5.09E-10	1.48E-10	1.57E-06	4.94E-10	1.44E-10
1032	490061.24, 3859716.13	6.76E-06	2.13E-09	6.21E-10	6.67E-06	2.11E-09	6.13E-10	6.48E-06	2.05E-09	5.95E-10
1033	490111.24, 3859716.13	6.64E-06	2.10E-09	6.10E-10	6.55E-06	2.07E-09	6.02E-10	6.37E-06	2.01E-09	5.84E-10
1034	490161.24, 3859716.13	6.52E-06	2.06E-09	5.98E-10	6.43E-06	2.03E-09	5.91E-10	6.25E-06	1.97E-09	5.73E-10
1035	490211.24, 3859716.13	6.39E-06	2.02E-09	5.87E-10	6.31E-06	1.99E-09	5.79E-10	6.13E-06	1.93E-09	5.62E-10
1036	490061.24, 3859766.13	6.20E-06	1.96E-09	5.69E-10	6.12E-06	1.93E-09	5.61E-10	5.94E-06	1.87E-09	5.45E-10
1037	490111.24, 3859766.13	6.10E-06	1.93E-09	5.60E-10	6.02E-06	1.90E-09	5.53E-10	5.85E-06	1.85E-09	5.37E-10
1038	490161.24, 3859766.13	6.00E-06	1.89E-09	5.51E-10	5.92E-06	1.87E-09	5.44E-10	5.75E-06	1.81E-09	5.28E-10
1039	490211.24, 3859766.13	5.90E-06	1.86E-09	5.42E-10	5.83E-06	1.84E-09	5.35E-10	5.66E-06	1.79E-09	5.19E-10
1040	490061.24, 3859816.13	5.70E-06	1.80E-09	5.23E-10	5.62E-06	1.78E-09	5.16E-10	5.46E-06	1.72E-09	5.01E-10
1041	490111.24, 3859816.13	5.62E-06	1.77E-09	5.16E-10	5.55E-06	1.75E-09	5.09E-10	5.39E-06	1.70E-09	4.95E-10
1042	490161.24, 3859816.13	5.54E-06	1.75E-09	5.09E-10	5.47E-06	1.73E-09	5.02E-10	5.31E-06	1.68E-09	4.88E-10
1043	490211.24, 3859816.13	5.47E-06	1.73E-09	5.02E-10	5.39E-06	1.70E-09	4.95E-10	5.24E-06	1.65E-09	4.81E-10
1044	490061.24, 3859866.13	5.27E-06	1.66E-09	4.84E-10	5.20E-06	1.64E-09	4.77E-10	5.05E-06	1.59E-09	4.64E-10
1045	490111.24, 3859866.13	5.21E-06	1.64E-09	4.78E-10	5.14E-06	1.62E-09	4.72E-10	4.99E-06	1.58E-09	4.58E-10
1046	490161.24, 3859866.13	5.15E-06	1.63E-09	4.73E-10	5.08E-06	1.60E-09	4.67E-10	4.94E-06	1.56E-09	4.53E-10
1047	490211.24, 3859866.13	5.09E-06	1.61E-09	4.67E-10	5.02E-06	1.58E-09	4.61E-10	4.88E-06	1.54E-09	4.48E-10
1048	490061.24, 3859916.13	4.90E-06	1.55E-09	4.50E-10	4.83E-06	1.53E-09	4.44E-10	4.69E-06	1.48E-09	4.31E-10
1049	490111.24, 3859916.13	4.85E-06	1.53E-09	4.45E-10	4.79E-06	1.51E-09	4.39E-10	4.65E-06	1.47E-09	4.27E-10
1050	490161.24, 3859916.13	4.80E-06	1.51E-09	4.41E-10	4.74E-06	1.49E-09	4.35E-10	4.60E-06	1.45E-09	4.22E-10
1051	490211.24, 3859916.13	4.75E-06	1.50E-09	4.36E-10	4.68E-06	1.48E-09	4.30E-10	4.55E-06	1.44E-09	4.18E-10
1052	490229.25, 3859815.26	5.45E-06	1.72E-09	5.00E-10	5.38E-06	1.70E-09	4.94E-10	5.22E-06	1.65E-09	4.79E-10
1053	490279.25, 3859815.26	5.37E-06	1.69E-09	4.93E-10	5.30E-06	1.67E-09	4.86E-10	5.14E-06	1.62E-09	4.72E-10
1054	490329.25, 3859815.26	5.28E-06	1.67E-09	4.85E-10	5.21E-06	1.65E-09	4.79E-10	5.06E-06	1.60E-09	4.65E-10
1055	490379.25, 3859815.26	5.22E-06	1.65E-09	4.79E-10	5.15E-06	1.63E-09	4.73E-10	5.00E-06	1.58E-09	4.59E-10
1056	490429.25, 3859815.26	5.17E-06	1.63E-09	4.75E-10	5.11E-06	1.61E-09	4.69E-10	4.96E-06	1.56E-09	4.55E-10
1057	490229.25, 3859865.26	5.07E-06	1.60E-09	4.66E-10	5.00E-06	1.58E-09	4.59E-10	4.86E-06	1.53E-09	4.46E-10
1058	490279.25, 3859865.26	5.00E-06	1.58E-09	4.59E-10	4.94E-06	1.56E-09	4.53E-10	4.79E-06	1.51E-09	4.40E-10
1059	490329.25, 3859865.26	4.93E-06	1.56E-09	4.53E-10	4.87E-06	1.54E-09	4.47E-10	4.73E-06	1.49E-09	4.34E-10
1060	490379.25, 3859865.26	4.87E-06	1.54E-09	4.47E-10	4.80E-06	1.52E-09	4.41E-10	4.67E-06	1.47E-09	4.28E-10
1061	490429.25, 3859865.26	4.81E-06	1.52E-09	4.42E-10	4.75E-06	1.50E-09	4.36E-10	4.61E-06	1.46E-09	4.23E-10
1062	490229.25, 3859915.26	4.73E-06	1.49E-09	4.35E-10	4.67E-06	1.47E-09	4.29E-10	4.54E-06	1.43E-09	4.16E-10
1063	490279.25, 3859915.26	4.67E-06	1.47E-09	4.29E-10	4.61E-06	1.46E-09	4.23E-10	4.48E-06	1.41E-09	4.11E-10
1064	490329.25, 3859915.26	4.62E-06	1.46E-09	4.24E-10	4.56E-06	1.44E-09	4.18E-10	4.42E-06	1.40E-09	4.06E-10
1065	490379.25, 3859915.26	4.56E-06	1.44E-09	4.19E-10	4.50E-06	1.42E-09	4.13E-10	4.37E-06	1.38E-09	4.01E-10
1066	490429.25, 3859915.26	4.50E-06	1.42E-09	4.13E-10	4.44E-06	1.40E-09	4.08E-10	4.32E-06	1.36E-09	3.96E-10
1067	490451.43, 3859872.59	4.74E-06	1.50E-09	4.35E-10	4.68E-06	1.48E-09	4.29E-10	4.54E-06	1.43E-09	4.17E-10
1068	490501.43, 3859872.59	4.70E-06	1.48E-09	4.32E-10	4.64E-06	1.46E-09	4.26E-10	4.51E-06	1.42E-09	4.14E-10
1069	490551.43, 3859872.59	4.69E-06	1.48E-09	4.30E-10	4.62E-06	1.46E-09	4.25E-10	4.49E-06	1.42E-09	4.12E-10
1070	490601.43, 3859872.59	4.68E-06	1.48E-09	4.29E-10	4.61E-06	1.46E-09	4.24E-10	4.48E-06	1.41E-09	4.11E-10
1071	490451.43, 3859922.59	4.44E-06	1.40E-09	4.08E-10	4.38E-06	1.38E-09	4.02E-10	4.25E-06	1.34E-09	3.91E-10
1072	490501.43, 3859922.59	4.40E-06	1.39E-09	4.04E-10	4.34E-06	1.37E-09	3.98E-10	4.21E-06	1.33E-09	3.87E-10
1073	490551.43, 3859922.59	4.37E-06	1.38E-09	4.01E-10	4.32E-06	1.36E-09	3.96E-10	4.19E-06	1.32E-09	3.85E-10
1074	490601.43, 3859922.59	4.36E-06	1.38E-09	4.00E-10	4.30E-06	1.36E-09	3.95E-10	4.18E-06	1.32E-09	3.84E-10
1075	482129.67, 3852241.07	1.68E-07	5.31E-11	1.55E-11	1.66E-07	5.25E-11	1.53E-11	1.61E-07	5.09E-11	1.48E-11
1076	482029.67, 3852291.07	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.59E-07	5.00E-11	1.46E-11
1077	482079.67, 3852291.07	1.67E-07	5.27E-11	1.53E-11	1.65E-07	5.20E-11	1.51E-11	1.60E-07	5.05E-11	1.47E-11
1078	482129.67, 3852291.07	1.69E-07	5.32E-11	1.55E-11	1.66E-07	5.25E-11	1.53E-11	1.62E-07	5.10E-11	1.48E-11
1079	482179.67, 3852291.07	1.70E-07	5.36E-11	1.56E-11	1.68E-07	5.29E-11	1.54E-11	1.63E-07	5.14E-11	1.50E-11
1080	482229.67, 3852291.07	1.71E-07	5.39E-11	1.57E-11	1.69E-07	5.32E-11	1.55E-11	1.64E-07	5.17E-11	1.50E-11
1081	482029.67, 3852341.07	1.66E-07	5.24E-11	1.52E-11	1.64E-07	5.17E-11	1.50E-11	1.59E-07	5.02E-11	1.46E-11
1082	482079.67, 3852341.07	1.67E-07	5.29E-11	1.54E-11	1.65E-07	5.22E-11	1.52E-11	1.61E-07	5.07E-11	1.47E-11
1083	482129.67, 3852341.07	1.69E-07	5.34E-11	1.55E-11	1.67E-07	5.27E-11	1.53E-11	1.62E-07	5.12E-11	1.49E-11
1084	482179.67, 3852341.07	1.71E-07	5.38E-11	1.57E-11	1.68E-07	5.31E-11	1.55E-11	1.64E-07	5.16E-11	1.50E-11
1085	482259.06, 3852400.14	1.75E-07	5.52E-11	1.61E-11	1.73E-07	5.45E-11	1.59E-11	1.68E-07	5.29E-11	1.54E-11
1086	482309.06, 3852400.14	1.75E-07	5.54E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.31E-11	1.54E-11
1087	482209.06, 3852450.14	1.74E-07	5.48E-11	1.59E-11	1.71E-07	5.41E-11	1.57E-11	1.67E-07	5.26E-11	1.53E-11
1088	482259.06, 3852450.14	1.75E-07	5.53E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.30E-11	1.54E-11
1089	482309.06, 3852450.14	1.76E-07	5.56E-11	1.62E-11	1.74E-07	5.48E-11	1.60E-11	1.69E-07	5.33E-11	1.55E-11
1090	482209.06, 3852500.14	1.74E-07	5.49E-11	1.60E-11	1.72E-07	5.42E-11	1.58E-11	1.67E-07	5.26E-11	1.53E-11
1091	482259.06, 3852500.14	1.75E-07	5.54E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.31E-11	1.54E-11

1092	482309.06, 3852500.14	1.77E-07	5.58E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.35E-11	1.55E-11
1093	482283.91, 3852513.62	1.76E-07	5.56E-11	1.62E-11	1.74E-07	5.49E-11	1.60E-11	1.69E-07	5.33E-11	1.55E-11
1094	482333.91, 3852513.62	1.78E-07	5.61E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
1095	482283.91, 3852563.62	1.77E-07	5.58E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.69E-07	5.35E-11	1.56E-11
1096	482333.91, 3852563.62	1.79E-07	5.64E-11	1.64E-11	1.76E-07	5.57E-11	1.62E-11	1.71E-07	5.40E-11	1.57E-11
1097	482383.91, 3852563.62	1.80E-07	5.69E-11	1.66E-11	1.78E-07	5.62E-11	1.63E-11	1.73E-07	5.46E-11	1.59E-11
1098	482283.91, 3852613.62	1.77E-07	5.58E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.69E-07	5.35E-11	1.56E-11
1099	482333.91, 3852613.62	1.79E-07	5.65E-11	1.64E-11	1.77E-07	5.57E-11	1.62E-11	1.71E-07	5.41E-11	1.57E-11
1100	482383.91, 3852613.62	1.81E-07	5.71E-11	1.66E-11	1.79E-07	5.64E-11	1.64E-11	1.73E-07	5.48E-11	1.59E-11
1101	482602.38, 3852600.87	1.87E-07	5.90E-11	1.72E-11	1.84E-07	5.82E-11	1.69E-11	1.79E-07	5.65E-11	1.64E-11
1102	482652.38, 3852600.87	1.89E-07	5.95E-11	1.73E-11	1.86E-07	5.87E-11	1.71E-11	1.81E-07	5.70E-11	1.66E-11
1103	482702.38, 3852600.87	1.89E-07	5.95E-11	1.73E-11	1.86E-07	5.87E-11	1.71E-11	1.81E-07	5.70E-11	1.66E-11
1104	482552.38, 3852650.87	1.86E-07	5.88E-11	1.71E-11	1.84E-07	5.80E-11	1.69E-11	1.78E-07	5.63E-11	1.64E-11
1105	482602.38, 3852650.87	1.88E-07	5.93E-11	1.72E-11	1.85E-07	5.85E-11	1.70E-11	1.80E-07	5.68E-11	1.65E-11
1106	482652.38, 3852650.87	1.90E-07	5.99E-11	1.74E-11	1.87E-07	5.91E-11	1.72E-11	1.82E-07	5.74E-11	1.67E-11
1107	482702.38, 3852650.87	1.92E-07	6.05E-11	1.76E-11	1.89E-07	5.97E-11	1.74E-11	1.84E-07	5.79E-11	1.69E-11
1108	482552.38, 3852700.87	1.87E-07	5.89E-11	1.71E-11	1.84E-07	5.81E-11	1.69E-11	1.79E-07	5.64E-11	1.64E-11
1109	482602.38, 3852700.87	1.89E-07	5.96E-11	1.73E-11	1.86E-07	5.88E-11	1.71E-11	1.81E-07	5.71E-11	1.66E-11
1110	482652.38, 3852700.87	1.92E-07	6.05E-11	1.76E-11	1.89E-07	5.97E-11	1.74E-11	1.84E-07	5.79E-11	1.69E-11
1111	482702.38, 3852700.87	1.93E-07	6.10E-11	1.77E-11	1.91E-07	6.02E-11	1.75E-11	1.85E-07	5.85E-11	1.70E-11
1112	482452.38, 3852750.87	1.84E-07	5.80E-11	1.69E-11	1.81E-07	5.72E-11	1.66E-11	1.76E-07	5.56E-11	1.62E-11
1113	482521.29, 3852749.74	1.86E-07	5.88E-11	1.71E-11	1.84E-07	5.80E-11	1.69E-11	1.78E-07	5.63E-11	1.64E-11
1114	482571.29, 3852749.74	1.88E-07	5.94E-11	1.73E-11	1.86E-07	5.86E-11	1.70E-11	1.80E-07	5.69E-11	1.66E-11
1115	482521.29, 3852799.74	1.87E-07	5.90E-11	1.72E-11	1.84E-07	5.82E-11	1.69E-11	1.79E-07	5.65E-11	1.64E-11
1116	482571.29, 3852799.74	1.89E-07	5.96E-11	1.73E-11	1.86E-07	5.88E-11	1.71E-11	1.81E-07	5.71E-11	1.66E-11
1117	482621.29, 3852799.74	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
1118	482571.29, 3852849.74	1.89E-07	5.97E-11	1.74E-11	1.87E-07	5.89E-11	1.71E-11	1.81E-07	5.72E-11	1.66E-11
1119	482621.29, 3852849.74	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
1120	482577.42, 3852901.55	1.89E-07	5.97E-11	1.74E-11	1.87E-07	5.89E-11	1.71E-11	1.81E-07	5.72E-11	1.66E-11
1121	482627.42, 3852901.55	1.91E-07	6.03E-11	1.75E-11	1.88E-07	5.95E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
1122	482629.96, 3852955.85	1.91E-07	6.04E-11	1.76E-11	1.89E-07	5.96E-11	1.73E-11	1.83E-07	5.79E-11	1.68E-11
1123	482679.96, 3852955.85	1.93E-07	6.10E-11	1.77E-11	1.91E-07	6.02E-11	1.75E-11	1.85E-07	5.84E-11	1.70E-11
1124	482781.63, 3853034.48	1.97E-07	6.22E-11	1.81E-11	1.94E-07	6.14E-11	1.79E-11	1.89E-07	5.96E-11	1.73E-11
1125	482831.63, 3853034.48	1.99E-07	6.28E-11	1.83E-11	1.96E-07	6.19E-11	1.80E-11	1.91E-07	6.01E-11	1.75E-11
1126	482881.63, 3853034.48	2.01E-07	6.34E-11	1.84E-11	1.98E-07	6.26E-11	1.82E-11	1.93E-07	6.08E-11	1.77E-11
1127	482781.63, 3853084.48	1.97E-07	6.23E-11	1.81E-11	1.95E-07	6.15E-11	1.79E-11	1.89E-07	5.97E-11	1.74E-11
1128	482831.63, 3853084.48	1.99E-07	6.28E-11	1.83E-11	1.97E-07	6.20E-11	1.80E-11	1.91E-07	6.02E-11	1.75E-11
1129	482881.63, 3853084.48	2.01E-07	6.35E-11	1.85E-11	1.99E-07	6.27E-11	1.82E-11	1.93E-07	6.09E-11	1.77E-11
1130	482781.63, 3853134.48	1.98E-07	6.25E-11	1.82E-11	1.95E-07	6.17E-11	1.79E-11	1.90E-07	5.99E-11	1.74E-11
1131	482831.63, 3853134.48	2.00E-07	6.30E-11	1.83E-11	1.97E-07	6.22E-11	1.81E-11	1.91E-07	6.04E-11	1.76E-11
1132	482881.63, 3853134.48	2.02E-07	6.37E-11	1.85E-11	1.99E-07	6.29E-11	1.83E-11	1.94E-07	6.11E-11	1.78E-11
1133	482831.63, 3853184.48	2.01E-07	6.33E-11	1.84E-11	1.98E-07	6.25E-11	1.82E-11	1.92E-07	6.07E-11	1.76E-11
1134	482881.63, 3853184.48	2.03E-07	6.39E-11	1.86E-11	2.00E-07	6.31E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
1135	484154.84, 3854250.98	2.38E-07	7.52E-11	2.19E-11	2.35E-07	7.42E-11	2.16E-11	2.28E-07	7.20E-11	2.10E-11
1136	484204.84, 3854250.98	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.26E-11	2.11E-11
1137	484154.84, 3854300.98	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.24E-07	7.05E-11	2.05E-11
1138	484204.84, 3854300.98	2.36E-07	7.45E-11	2.17E-11	2.33E-07	7.35E-11	2.14E-11	2.26E-07	7.14E-11	2.08E-11
1139	484074.19, 3854519.8	2.30E-07	7.27E-11	2.12E-11	2.27E-07	7.18E-11	2.09E-11	2.21E-07	6.97E-11	2.03E-11
1140	484124.19, 3854519.8	2.29E-07	7.21E-11	2.10E-11	2.26E-07	7.12E-11	2.07E-11	2.19E-07	6.91E-11	2.01E-11
1141	484074.19, 3854569.8	2.32E-07	7.33E-11	2.13E-11	2.29E-07	7.24E-11	2.10E-11	2.23E-07	7.03E-11	2.04E-11
1142	484124.19, 3854569.8	2.29E-07	7.22E-11	2.10E-11	2.26E-07	7.12E-11	2.07E-11	2.19E-07	6.92E-11	2.01E-11
1143	485205.11, 3855188.89	3.55E-07	1.12E-10	3.26E-11	3.51E-07	1.11E-10	3.22E-11	3.40E-07	1.07E-10	3.13E-11
1144	485255.11, 3855188.89	3.55E-07	1.12E-10	3.26E-11	3.51E-07	1.11E-10	3.22E-11	3.40E-07	1.07E-10	3.13E-11
1145	485205.11, 3855238.89	3.54E-07	1.12E-10	3.25E-11	3.50E-07	1.10E-10	3.21E-11	3.40E-07	1.07E-10	3.12E-11
1146	485255.11, 3855238.89	3.59E-07	1.13E-10	3.30E-11	3.55E-07	1.12E-10	3.26E-11	3.44E-07	1.09E-10	3.16E-11
1147	485205.11, 3855288.89	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.33E-11	3.52E-07	1.11E-10	3.24E-11
1148	485255.11, 3855288.89	3.70E-07	1.17E-10	3.40E-11	3.65E-07	1.15E-10	3.35E-11	3.55E-07	1.12E-10	3.26E-11
1149	485255.11, 3855338.89	3.81E-07	1.20E-10	3.50E-11	3.76E-07	1.19E-10	3.45E-11	3.65E-07	1.15E-10	3.35E-11
1150	485305.11, 3855338.89	3.83E-07	1.21E-10	3.52E-11	3.78E-07	1.19E-10	3.47E-11	3.67E-07	1.16E-10	3.37E-11
1151	485852.5, 3855635.28	4.86E-07	1.53E-10	4.46E-11	4.80E-07	1.51E-10	4.41E-11	4.66E-07	1.47E-10	4.28E-11
1152	485902.5, 3855635.28	4.84E-07	1.53E-10	4.45E-11	4.78E-07	1.51E-10	4.39E-11	4.64E-07	1.47E-10	4.26E-11
1153	485852.5, 3855685.28	4.94E-07	1.56E-10	4.54E-11	4.88E-07	1.54E-10	4.48E-11	4.73E-07	1.49E-10	4.35E-11
1154	485902.5, 3855685.28	4.94E-07	1.56E-10	4.54E-11	4.88E-07	1.54E-10	4.48E-11	4.74E-07	1.50E-10	4.35E-11
1155	485852.5, 3855735.28	5.00E-07	1.58E-10	4.59E-11	4.94E-07	1.56E-10	4.53E-11	4.79E-07	1.51E-10	4.40E-11
1156	485902.5, 3855735.28	5.05E-07	1.59E-10	4.64E-11	4.99E-07	1.57E-10	4.58E-11	4.84E-07	1.53E-10	4.44E-11
1157	485852.5, 3855785.28	5.08E-07	1.60E-10	4.67E-11	5.02E-07	1.58E-10	4.61E-11	4.87E-07	1.54E-10	4.47E-11
1158	485902.5, 3855785.28	5.10E-07	1.61E-10	4.68E-11	5.03E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
1159	486809.46, 3856465.28	7.75E-07	2.45E-10	7.11E-11	7.65E-07	2.41E-10	7.02E-11	7.43E-07	2.34E-10	6.82E-11
1160	486859.46, 3856465.28	7.81E-07	2.46E-10	7.17E-11	7.71E-07	2.43E-10	7.07E-11	7.48E-07	2.36E-10	6.87E-11
1161	486909.46, 3856465.28	7.82E-07	2.47E-10	7.18E-11	7.72E-07	2.44E-10	7.08E-11	7.49E-07	2.36E-10	6.88E-11
1162	486809.46, 3856515.28	7.99E-07	2.52E-10	7.34E-11	7.89E-07	2.49E-10	7.24E-11	7.66E-07	2.42E-10	7.03E-11
1163	486859.46, 3856515.28	8.11E-07	2.56E-10	7.44E-11	8.00E-07	2.53E-10	7.35E-11	7.77E-07	2.45E-10	7.13E-11
1164	486909.46, 3856515.28	8.16E-07	2.58E-10	7.49E-11	8.06E-07	2.54E-10	7.40E-11	7.82E-07	2.47E-10	7.18E-11

1165	486980.94, 3856357.95	7.15E-07	2.26E-10	6.56E-11	7.06E-07	2.23E-10	6.48E-11	6.85E-07	2.16E-10	6.29E-11
1166	487030.94, 3856357.95	7.16E-07	2.26E-10	6.57E-11	7.07E-07	2.23E-10	6.49E-11	6.86E-07	2.17E-10	6.30E-11
1167	486980.94, 3856407.95	7.47E-07	2.36E-10	6.86E-11	7.37E-07	2.33E-10	6.77E-11	7.16E-07	2.26E-10	6.57E-11
1168	487030.94, 3856407.95	7.46E-07	2.35E-10	6.85E-11	7.36E-07	2.32E-10	6.76E-11	7.15E-07	2.26E-10	6.56E-11
1169	487447.18, 3856437.45	8.10E-07	2.56E-10	7.44E-11	7.99E-07	2.52E-10	7.34E-11	7.76E-07	2.45E-10	7.13E-11
1170	487497.18, 3856437.45	8.18E-07	2.58E-10	7.51E-11	8.08E-07	2.55E-10	7.41E-11	7.84E-07	2.48E-10	7.20E-11
1171	487547.18, 3856437.45	8.28E-07	2.61E-10	7.60E-11	8.17E-07	2.58E-10	7.50E-11	7.93E-07	2.50E-10	7.28E-11
1172	487447.18, 3856487.45	8.39E-07	2.65E-10	7.71E-11	8.29E-07	2.62E-10	7.61E-11	8.05E-07	2.54E-10	7.39E-11
1173	487497.18, 3856487.45	8.48E-07	2.68E-10	7.78E-11	8.37E-07	2.64E-10	7.68E-11	8.13E-07	2.56E-10	7.46E-11
1174	487547.18, 3856487.45	8.58E-07	2.71E-10	7.87E-11	8.46E-07	2.67E-10	7.77E-11	8.22E-07	2.59E-10	7.55E-11
1175	487447.18, 3856537.45	8.70E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.89E-11	8.34E-07	2.63E-10	7.66E-11
1176	487497.18, 3856537.45	8.79E-07	2.77E-10	8.07E-11	8.67E-07	2.74E-10	7.96E-11	8.42E-07	2.66E-10	7.73E-11
1177	487547.18, 3856537.45	8.90E-07	2.81E-10	8.17E-11	8.78E-07	2.77E-10	8.06E-11	8.53E-07	2.69E-10	7.83E-11
1178	489285.89, 3858826.54	1.12E-04	3.53E-08	1.03E-08	1.10E-04	3.48E-08	1.01E-08	1.07E-04	3.38E-08	9.83E-09
1179	489335.89, 3858826.54	8.42E-05	2.66E-08	7.73E-09	8.31E-05	2.62E-08	7.63E-09	8.07E-05	2.55E-08	7.41E-09
1180	489385.89, 3858826.54	6.79E-05	2.14E-08	6.24E-09	6.71E-05	2.12E-08	6.16E-09	6.51E-05	2.06E-08	5.98E-09
1181	489435.89, 3858826.54	5.72E-05	1.80E-08	5.25E-09	5.64E-05	1.78E-08	5.18E-09	5.48E-05	1.73E-08	5.03E-09
1182	489485.89, 3858826.54	4.95E-05	1.56E-08	4.55E-09	4.89E-05	1.54E-08	4.49E-09	4.75E-05	1.50E-08	4.36E-09
1183	489535.89, 3858826.54	4.38E-05	1.38E-08	4.02E-09	4.32E-05	1.36E-08	3.97E-09	4.20E-05	1.32E-08	3.85E-09
1184	489585.89, 3858826.54	3.94E-05	1.24E-08	3.61E-09	3.89E-05	1.23E-08	3.57E-09	3.77E-05	1.19E-08	3.46E-09
1185	489635.89, 3858826.54	3.59E-05	1.13E-08	3.29E-09	3.54E-05	1.12E-08	3.25E-09	3.44E-05	1.08E-08	3.16E-09
1186	489685.89, 3858826.54	3.30E-05	1.04E-08	3.03E-09	3.26E-05	1.03E-08	2.99E-09	3.16E-05	9.98E-09	2.90E-09
1187	489735.89, 3858826.54	3.06E-05	9.67E-09	2.81E-09	3.02E-05	9.55E-09	2.78E-09	2.94E-05	9.27E-09	2.70E-09
1188	489785.89, 3858826.54	2.87E-05	9.05E-09	2.63E-09	2.83E-05	8.93E-09	2.60E-09	2.75E-05	8.67E-09	2.52E-09
1189	489835.89, 3858826.54	2.70E-05	8.51E-09	2.48E-09	2.66E-05	8.40E-09	2.44E-09	2.58E-05	8.16E-09	2.37E-09
1190	489885.89, 3858826.54	2.55E-05	8.05E-09	2.34E-09	2.52E-05	7.95E-09	2.31E-09	2.45E-05	7.72E-09	2.25E-09
1191	489935.89, 3858826.54	2.43E-05	7.66E-09	2.23E-09	2.39E-05	7.56E-09	2.20E-09	2.33E-05	7.34E-09	2.13E-09
1192	489985.89, 3858826.54	2.32E-05	7.31E-09	2.13E-09	2.29E-05	7.22E-09	2.10E-09	2.22E-05	7.01E-09	2.04E-09
1193	490035.89, 3858826.54	2.22E-05	7.01E-09	2.04E-09	2.19E-05	6.92E-09	2.01E-09	2.13E-05	6.72E-09	1.96E-09
1194	489285.89, 3858876.54	1.21E-04	3.83E-08	1.11E-08	1.20E-04	3.78E-08	1.10E-08	1.16E-04	3.67E-08	1.07E-08
1195	489335.89, 3858876.54	8.72E-05	2.75E-08	8.00E-09	8.60E-05	2.71E-08	7.90E-09	8.35E-05	2.64E-08	7.67E-09
1196	489385.89, 3858876.54	6.81E-05	2.15E-08	6.25E-09	6.72E-05	2.12E-08	6.17E-09	6.53E-05	2.06E-08	5.99E-09
1197	489435.89, 3858876.54	5.62E-05	1.77E-08	5.16E-09	5.54E-05	1.75E-08	5.09E-09	5.38E-05	1.70E-08	4.94E-09
1198	489485.89, 3858876.54	4.81E-05	1.52E-08	4.41E-09	4.75E-05	1.50E-08	4.36E-09	4.61E-05	1.45E-08	4.23E-09
1199	489535.89, 3858876.54	4.22E-05	1.33E-08	3.88E-09	4.17E-05	1.32E-08	3.83E-09	4.05E-05	1.28E-08	3.72E-09
1200	489585.89, 3858876.54	3.78E-05	1.19E-08	3.47E-09	3.73E-05	1.18E-08	3.43E-09	3.62E-05	1.14E-08	3.33E-09
1201	489635.89, 3858876.54	3.44E-05	1.09E-08	3.16E-09	3.39E-05	1.07E-08	3.11E-09	3.29E-05	1.04E-08	3.02E-09
1202	489685.89, 3858876.54	3.16E-05	9.97E-09	2.90E-09	3.12E-05	9.84E-09	2.86E-09	3.03E-05	9.56E-09	2.78E-09
1203	489735.89, 3858876.54	2.93E-05	9.24E-09	2.69E-09	2.89E-05	9.12E-09	2.65E-09	2.81E-05	8.86E-09	2.58E-09
1204	489785.89, 3858876.54	2.74E-05	8.64E-09	2.51E-09	2.70E-05	8.53E-09	2.48E-09	2.62E-05	8.28E-09	2.41E-09
1205	489835.89, 3858876.54	2.57E-05	8.12E-09	2.36E-09	2.54E-05	8.02E-09	2.33E-09	2.47E-05	7.78E-09	2.26E-09
1206	489885.89, 3858876.54	2.43E-05	7.68E-09	2.23E-09	2.40E-05	7.58E-09	2.21E-09	2.33E-05	7.36E-09	2.14E-09
1207	489935.89, 3858876.54	2.31E-05	7.30E-09	2.12E-09	2.28E-05	7.20E-09	2.10E-09	2.22E-05	6.99E-09	2.03E-09
1208	489985.89, 3858876.54	2.21E-05	6.97E-09	2.03E-09	2.18E-05	6.87E-09	2.00E-09	2.12E-05	6.68E-09	1.94E-09
1209	490035.89, 3858876.54	2.12E-05	6.68E-09	1.94E-09	2.09E-05	6.59E-09	1.92E-09	2.03E-05	6.40E-09	1.86E-09
1210	489285.89, 3858926.54	1.10E-04	3.48E-08	1.01E-08	1.09E-04	3.44E-08	9.99E-09	1.06E-04	3.34E-08	9.71E-09
1211	489335.89, 3858926.54	7.89E-05	2.49E-08	7.24E-09	7.78E-05	2.46E-08	7.14E-09	7.56E-05	2.39E-08	6.94E-09
1212	489385.89, 3858926.54	6.20E-05	1.96E-08	5.69E-09	6.12E-05	1.93E-08	5.62E-09	5.94E-05	1.88E-08	5.46E-09
1213	489435.89, 3858926.54	5.16E-05	1.63E-08	4.74E-09	5.10E-05	1.61E-08	4.68E-09	4.95E-05	1.56E-08	4.54E-09
1214	489485.89, 3858926.54	4.46E-05	1.41E-08	4.09E-09	4.40E-05	1.39E-08	4.04E-09	4.27E-05	1.35E-08	3.92E-09
1215	489535.89, 3858926.54	3.94E-05	1.24E-08	3.62E-09	3.89E-05	1.23E-08	3.57E-09	3.78E-05	1.19E-08	3.47E-09
1216	489585.89, 3858926.54	3.55E-05	1.12E-08	3.26E-09	3.50E-05	1.10E-08	3.21E-09	3.40E-05	1.07E-08	3.12E-09
1217	489635.89, 3858926.54	3.23E-05	1.02E-08	2.97E-09	3.19E-05	1.01E-08	2.93E-09	3.10E-05	9.79E-09	2.85E-09
1218	489685.89, 3858926.54	2.98E-05	9.41E-09	2.74E-09	2.94E-05	9.29E-09	2.70E-09	2.86E-05	9.02E-09	2.62E-09
1219	489735.89, 3858926.54	2.77E-05	8.75E-09	2.54E-09	2.74E-05	8.63E-09	2.51E-09	2.66E-05	8.38E-09	2.44E-09
1220	489785.89, 3858926.54	2.60E-05	8.19E-09	2.38E-09	2.56E-05	8.08E-09	2.35E-09	2.49E-05	7.85E-09	2.28E-09
1221	489835.89, 3858926.54	2.44E-05	7.71E-09	2.24E-09	2.41E-05	7.61E-09	2.21E-09	2.34E-05	7.39E-09	2.15E-09
1222	489885.89, 3858926.54	2.31E-05	7.30E-09	2.12E-09	2.28E-05	7.21E-09	2.10E-09	2.22E-05	7.00E-09	2.04E-09
1223	489935.89, 3858926.54	2.20E-05	6.95E-09	2.02E-09	2.17E-05	6.86E-09	1.99E-09	2.11E-05	6.66E-09	1.94E-09
1224	489985.89, 3858926.54	2.10E-05	6.63E-09	1.93E-09	2.07E-05	6.54E-09	1.90E-09	2.01E-05	6.35E-09	1.85E-09
1225	490035.89, 3858926.54	2.02E-05	6.36E-09	1.85E-09	1.99E-05	6.28E-09	1.83E-09	1.93E-05	6.10E-09	1.77E-09
1226	489335.89, 3858976.54	6.54E-05	2.06E-08	6.00E-09	6.45E-05	2.04E-08	5.92E-09	6.27E-05	1.98E-08	5.75E-09
1227	489385.89, 3858976.54	5.36E-05	1.69E-08	4.92E-09	5.29E-05	1.67E-08	4.86E-09	5.14E-05	1.62E-08	4.72E-09
1228	489435.89, 3858976.54	4.59E-05	1.45E-08	4.21E-09	4.53E-05	1.43E-08	4.16E-09	4.40E-05	1.39E-08	4.04E-09
1229	489485.89, 3858976.54	4.03E-05	1.27E-08	3.70E-09	3.98E-05	1.26E-08	3.65E-09	3.86E-05	1.22E-08	3.55E-09
1230	489535.89, 3858976.54	3.61E-05	1.14E-08	3.31E-09	3.56E-05	1.12E-08	3.27E-09	3.46E-05	1.09E-08	3.17E-09
1231	489585.89, 3858976.54	3.28E-05	1.04E-08	3.01E-09	3.24E-05	1.02E-08	2.97E-09	3.14E-05	9.92E-09	2.89E-09
1232	489635.89, 3858976.54	3.01E-05	9.51E-09	2.77E-09	2.97E-05	9.38E-09	2.73E-09	2.89E-05	9.11E-09	2.65E-09
1233	489685.89, 3858976.54	2.79E-05	8.81E-09	2.56E-09	2.76E-05	8.70E-09	2.53E-09	2.68E-05	8.44E-09	2.46E-09
1234	489735.89, 3858976.54	2.61E-05	8.23E-09	2.39E-09	2.57E-05	8.12E-09	2.36E-09	2.50E-05	7.88E-09	2.29E-09
1235	489785.89, 3858976.54	2.45E-05	7.73E-09	2.25E-09	2.42E-05	7.63E-09	2.22E-09	2.35E-05	7.41E-09	2.16E-09
1236	489835.89, 3858976.54	2.31E-05	7.31E-09	2.12E-09	2.28E-05	7.21E-09	2.10E-09	2.22E-05	7.00E-09	2.04E-09
1237	489885.89, 3858976.54	2.19E-05	6.93E-09	2.02E-09	2.17E-05	6.84E-09	1.99E-09	2.10E-05	6.64E-09	1.93E-09

1238	489935.89, 3858976.54	2.09E-05	6.60E-09	1.92E-09	2.06E-05	6.51E-09	1.89E-09	2.00E-05	6.32E-09	1.84E-09
1239	489985.89, 3858976.54	2.00E-05	6.31E-09	1.83E-09	1.97E-05	6.23E-09	1.81E-09	1.92E-05	6.05E-09	1.76E-09
1240	490035.89, 3858976.54	1.91E-05	6.04E-09	1.76E-09	1.89E-05	5.97E-09	1.74E-09	1.84E-05	5.79E-09	1.68E-09
1241	489385.89, 3859026.54	4.86E-05	1.53E-08	4.46E-09	4.80E-05	1.51E-08	4.40E-09	4.66E-05	1.47E-08	4.28E-09
1242	489435.89, 3859026.54	4.17E-05	1.32E-08	3.83E-09	4.12E-05	1.30E-08	3.78E-09	4.00E-05	1.26E-08	3.67E-09
1243	489485.89, 3859026.54	3.68E-05	1.16E-08	3.38E-09	3.63E-05	1.15E-08	3.34E-09	3.53E-05	1.11E-08	3.24E-09
1244	489535.89, 3859026.54	3.32E-05	1.05E-08	3.05E-09	3.28E-05	1.03E-08	3.01E-09	3.18E-05	1.00E-08	2.92E-09
1245	489585.89, 3859026.54	3.03E-05	9.58E-09	2.79E-09	2.99E-05	9.45E-09	2.75E-09	2.91E-05	9.18E-09	2.67E-09
1246	489635.89, 3859026.54	2.80E-05	8.85E-09	2.57E-09	2.77E-05	8.73E-09	2.54E-09	2.69E-05	8.48E-09	2.47E-09
1247	489685.89, 3859026.54	2.61E-05	8.24E-09	2.40E-09	2.58E-05	8.13E-09	2.37E-09	2.50E-05	7.90E-09	2.30E-09
1248	489735.89, 3859026.54	2.45E-05	7.73E-09	2.25E-09	2.42E-05	7.63E-09	2.22E-09	2.35E-05	7.41E-09	2.15E-09
1249	489785.89, 3859026.54	2.31E-05	7.29E-09	2.12E-09	2.28E-05	7.20E-09	2.09E-09	2.21E-05	6.99E-09	2.03E-09
1250	489835.89, 3859026.54	2.19E-05	6.90E-09	2.01E-09	2.16E-05	6.81E-09	1.98E-09	2.10E-05	6.62E-09	1.92E-09
1251	489885.89, 3859026.54	2.08E-05	6.57E-09	1.91E-09	2.05E-05	6.48E-09	1.88E-09	1.99E-05	6.29E-09	1.83E-09
1252	489935.89, 3859026.54	1.98E-05	6.26E-09	1.82E-09	1.96E-05	6.18E-09	1.80E-09	1.90E-05	6.00E-09	1.75E-09
1253	489985.89, 3859026.54	1.90E-05	5.99E-09	1.74E-09	1.87E-05	5.92E-09	1.72E-09	1.82E-05	5.75E-09	1.67E-09
1254	490035.89, 3859026.54	1.82E-05	5.73E-09	1.67E-09	1.79E-05	5.66E-09	1.65E-09	1.74E-05	5.49E-09	1.60E-09
1255	489485.89, 3859076.54	3.49E-05	1.10E-08	3.20E-09	3.44E-05	1.09E-08	3.16E-09	3.34E-05	1.06E-08	3.07E-09
1256	489535.89, 3859076.54	3.12E-05	9.84E-09	2.86E-09	3.08E-05	9.72E-09	2.83E-09	2.99E-05	9.44E-09	2.74E-09
1257	489585.89, 3859076.54	2.85E-05	8.99E-09	2.61E-09	2.81E-05	8.87E-09	2.58E-09	2.73E-05	8.61E-09	2.51E-09
1258	489635.89, 3859076.54	2.63E-05	8.31E-09	2.42E-09	2.60E-05	8.20E-09	2.39E-09	2.52E-05	7.97E-09	2.32E-09
1259	489685.89, 3859076.54	2.46E-05	7.76E-09	2.26E-09	2.43E-05	7.66E-09	2.23E-09	2.36E-05	7.44E-09	2.16E-09
1260	489735.89, 3859076.54	2.31E-05	7.29E-09	2.12E-09	2.28E-05	7.20E-09	2.09E-09	2.21E-05	6.99E-09	2.03E-09
1261	489785.89, 3859076.54	2.18E-05	6.89E-09	2.00E-09	2.15E-05	6.80E-09	1.98E-09	2.09E-05	6.60E-09	1.92E-09
1262	489835.89, 3859076.54	2.07E-05	6.54E-09	1.90E-09	2.04E-05	6.45E-09	1.88E-09	1.98E-05	6.26E-09	1.82E-09
1263	489885.89, 3859076.54	1.97E-05	6.22E-09	1.81E-09	1.95E-05	6.14E-09	1.79E-09	1.89E-05	5.97E-09	1.74E-09
1264	489935.89, 3859076.54	1.88E-05	5.95E-09	1.73E-09	1.86E-05	5.87E-09	1.71E-09	1.81E-05	5.70E-09	1.66E-09
1265	489985.89, 3859076.54	1.80E-05	5.70E-09	1.66E-09	1.78E-05	5.62E-09	1.63E-09	1.73E-05	5.46E-09	1.59E-09
1266	490035.89, 3859076.54	1.73E-05	5.46E-09	1.59E-09	1.71E-05	5.39E-09	1.57E-09	1.66E-05	5.23E-09	1.52E-09
1267	489585.89, 3859126.54	2.73E-05	8.63E-09	2.51E-09	2.70E-05	8.52E-09	2.48E-09	2.62E-05	8.27E-09	2.41E-09
1268	489635.89, 3859126.54	2.51E-05	7.93E-09	2.31E-09	2.48E-05	7.82E-09	2.28E-09	2.41E-05	7.60E-09	2.21E-09
1269	489685.89, 3859126.54	2.34E-05	7.38E-09	2.15E-09	2.31E-05	7.28E-09	2.12E-09	2.24E-05	7.07E-09	2.06E-09
1270	489735.89, 3859126.54	2.20E-05	6.93E-09	2.02E-09	2.17E-05	6.84E-09	1.99E-09	2.10E-05	6.64E-09	1.93E-09
1271	489785.89, 3859126.54	2.07E-05	6.54E-09	1.90E-09	2.05E-05	6.46E-09	1.88E-09	1.99E-05	6.27E-09	1.82E-09
1272	489835.89, 3859126.54	1.97E-05	6.21E-09	1.81E-09	1.94E-05	6.13E-09	1.78E-09	1.89E-05	5.95E-09	1.73E-09
1273	489885.89, 3859126.54	1.87E-05	5.91E-09	1.72E-09	1.85E-05	5.84E-09	1.70E-09	1.80E-05	5.67E-09	1.65E-09
1274	489935.89, 3859126.54	1.79E-05	5.65E-09	1.64E-09	1.77E-05	5.58E-09	1.62E-09	1.72E-05	5.42E-09	1.58E-09
1275	489985.89, 3859126.54	1.71E-05	5.41E-09	1.57E-09	1.69E-05	5.34E-09	1.55E-09	1.64E-05	5.18E-09	1.51E-09
1276	490035.89, 3859126.54	1.65E-05	5.19E-09	1.51E-09	1.62E-05	5.13E-09	1.49E-09	1.58E-05	4.98E-09	1.45E-09
1277	489585.89, 3859176.54	2.59E-05	8.18E-09	2.38E-09	2.56E-05	8.07E-09	2.35E-09	2.48E-05	7.84E-09	2.28E-09
1278	489635.89, 3859176.54	2.46E-05	7.77E-09	2.26E-09	2.43E-05	7.67E-09	2.23E-09	2.36E-05	7.44E-09	2.17E-09
1279	489685.89, 3859176.54	2.26E-05	7.12E-09	2.07E-09	2.23E-05	7.03E-09	2.04E-09	2.16E-05	6.83E-09	1.99E-09
1280	489735.89, 3859176.54	2.11E-05	6.65E-09	1.93E-09	2.08E-05	6.56E-09	1.91E-09	2.02E-05	6.37E-09	1.85E-09
1281	489785.89, 3859176.54	1.98E-05	6.26E-09	1.82E-09	1.96E-05	6.17E-09	1.80E-09	1.90E-05	6.00E-09	1.74E-09
1282	489835.89, 3859176.54	1.88E-05	5.93E-09	1.72E-09	1.85E-05	5.85E-09	1.70E-09	1.80E-05	5.68E-09	1.65E-09
1283	489885.89, 3859176.54	1.79E-05	5.64E-09	1.64E-09	1.76E-05	5.56E-09	1.62E-09	1.71E-05	5.40E-09	1.57E-09
1284	489935.89, 3859176.54	1.71E-05	5.38E-09	1.57E-09	1.68E-05	5.31E-09	1.54E-09	1.63E-05	5.16E-09	1.50E-09
1285	489985.89, 3859176.54	1.63E-05	5.15E-09	1.50E-09	1.61E-05	5.08E-09	1.48E-09	1.56E-05	4.94E-09	1.44E-09
1286	490035.89, 3859176.54	1.57E-05	4.95E-09	1.44E-09	1.55E-05	4.89E-09	1.42E-09	1.50E-05	4.74E-09	1.38E-09
1287	489685.89, 3859226.54	2.23E-05	7.03E-09	2.04E-09	2.20E-05	6.93E-09	2.02E-09	2.13E-05	6.73E-09	1.96E-09
1288	489735.89, 3859226.54	2.05E-05	6.49E-09	1.89E-09	2.03E-05	6.40E-09	1.86E-09	1.97E-05	6.22E-09	1.81E-09
1289	489785.89, 3859226.54	1.91E-05	6.03E-09	1.76E-09	1.89E-05	5.96E-09	1.73E-09	1.83E-05	5.78E-09	1.68E-09
1290	489835.89, 3859226.54	1.80E-05	5.68E-09	1.65E-09	1.78E-05	5.61E-09	1.63E-09	1.72E-05	5.44E-09	1.58E-09
1291	489885.89, 3859226.54	1.71E-05	5.39E-09	1.57E-09	1.68E-05	5.32E-09	1.55E-09	1.64E-05	5.16E-09	1.50E-09
1292	489935.89, 3859226.54	1.63E-05	5.13E-09	1.49E-09	1.60E-05	5.06E-09	1.47E-09	1.56E-05	4.92E-09	1.43E-09
1293	489985.89, 3859226.54	1.55E-05	4.91E-09	1.43E-09	1.53E-05	4.84E-09	1.41E-09	1.49E-05	4.70E-09	1.37E-09
1294	490035.89, 3859226.54	1.49E-05	4.71E-09	1.37E-09	1.47E-05	4.65E-09	1.35E-09	1.43E-05	4.52E-09	1.31E-09
1295	489735.89, 3859276.54	1.95E-05	6.14E-09	1.79E-09	1.92E-05	6.06E-09	1.76E-09	1.86E-05	5.89E-09	1.71E-09
1296	489785.89, 3859276.54	1.89E-05	5.97E-09	1.74E-09	1.87E-05	5.89E-09	1.71E-09	1.81E-05	5.72E-09	1.66E-09
1297	489835.89, 3859276.54	1.74E-05	5.50E-09	1.60E-09	1.72E-05	5.43E-09	1.58E-09	1.67E-05	5.27E-09	1.53E-09
1298	489885.89, 3859276.54	1.64E-05	5.17E-09	1.50E-09	1.62E-05	5.10E-09	1.48E-09	1.57E-05	4.95E-09	1.44E-09
1299	489935.89, 3859276.54	1.55E-05	4.90E-09	1.43E-09	1.53E-05	4.84E-09	1.41E-09	1.49E-05	4.70E-09	1.37E-09
1300	489985.89, 3859276.54	1.48E-05	4.67E-09	1.36E-09	1.46E-05	4.61E-09	1.34E-09	1.42E-05	4.48E-09	1.30E-09
1301	490035.89, 3859276.54	1.42E-05	4.48E-09	1.30E-09	1.40E-05	4.42E-09	1.29E-09	1.36E-05	4.30E-09	1.25E-09
1302	490458.06, 3859590.74	7.87E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.13E-10	7.54E-06	2.38E-09	6.92E-10
1303	490508.06, 3859590.74	7.54E-06	2.38E-09	6.92E-10	7.44E-06	2.35E-09	6.83E-10	7.22E-06	2.28E-09	6.63E-10
1304	490558.06, 3859590.74	7.30E-06	2.30E-09	6.70E-10	7.20E-06	2.27E-09	6.61E-10	6.99E-06	2.21E-09	6.42E-10
1305	490608.06, 3859590.74	7.10E-06	2.24E-09	6.52E-10	7.00E-06	2.21E-09	6.43E-10	6.80E-06	2.15E-09	6.24E-10
1306	490658.06, 3859590.74	6.92E-06	2.18E-09	6.35E-10	6.83E-06	2.16E-09	6.27E-10	6.63E-06	2.09E-09	6.09E-10
1307	490708.06, 3859590.74	6.76E-06	2.13E-09	6.21E-10	6.67E-06	2.11E-09	6.12E-10	6.48E-06	2.04E-09	5.95E-10
1308	490758.06, 3859590.74	6.60E-06	2.08E-09	6.06E-10	6.51E-06	2.06E-09	5.98E-10	6.32E-06	2.00E-09	5.81E-10
1309	490808.06, 3859590.74	6.45E-06	2.04E-09	5.93E-10	6.37E-06	2.01E-09	5.85E-10	6.19E-06	1.95E-09	5.68E-10
1310	490858.06, 3859590.74	6.31E-06	1.99E-09	5.79E-10	6.23E-06	1.97E-09	5.72E-10	6.05E-06	1.91E-09	5.55E-10

1311	490458.06, 3859640.74	8.11E-06	2.56E-09	7.45E-10	8.01E-06	2.53E-09	7.35E-10	7.77E-06	2.45E-09	7.14E-10
1312	490508.06, 3859640.74	7.70E-06	2.43E-09	7.07E-10	7.60E-06	2.40E-09	6.98E-10	7.38E-06	2.33E-09	6.77E-10
1313	490558.06, 3859640.74	7.19E-06	2.27E-09	6.60E-10	7.10E-06	2.24E-09	6.52E-10	6.90E-06	2.18E-09	6.33E-10
1314	490608.06, 3859640.74	6.89E-06	2.17E-09	6.32E-10	6.80E-06	2.14E-09	6.24E-10	6.60E-06	2.08E-09	6.06E-10
1315	490658.06, 3859640.74	6.66E-06	2.10E-09	6.12E-10	6.58E-06	2.08E-09	6.04E-10	6.39E-06	2.02E-09	5.86E-10
1316	490708.06, 3859640.74	6.48E-06	2.05E-09	5.95E-10	6.40E-06	2.02E-09	5.87E-10	6.21E-06	1.96E-09	5.70E-10
1317	490758.06, 3859640.74	6.32E-06	2.00E-09	5.80E-10	6.24E-06	1.97E-09	5.73E-10	6.06E-06	1.91E-09	5.56E-10
1318	490808.06, 3859640.74	6.19E-06	1.95E-09	5.68E-10	6.11E-06	1.93E-09	5.61E-10	5.93E-06	1.87E-09	5.44E-10
1319	490858.06, 3859640.74	6.06E-06	1.91E-09	5.57E-10	5.98E-06	1.89E-09	5.49E-10	5.81E-06	1.83E-09	5.33E-10
1320	490608.06, 3859690.74	7.15E-06	2.26E-09	6.57E-10	7.06E-06	2.23E-09	6.48E-10	6.85E-06	2.16E-09	6.29E-10
1321	490658.06, 3859690.74	6.64E-06	2.10E-09	6.10E-10	6.55E-06	2.07E-09	6.02E-10	6.36E-06	2.01E-09	5.84E-10
1322	490708.06, 3859690.74	6.34E-06	2.00E-09	5.82E-10	6.26E-06	1.98E-09	5.75E-10	6.08E-06	1.92E-09	5.58E-10
1323	490758.06, 3859690.74	6.13E-06	1.93E-09	5.63E-10	6.05E-06	1.91E-09	5.55E-10	5.87E-06	1.85E-09	5.39E-10
1324	490808.06, 3859690.74	5.96E-06	1.88E-09	5.47E-10	5.89E-06	1.86E-09	5.40E-10	5.71E-06	1.80E-09	5.25E-10
1325	490858.06, 3859690.74	5.85E-06	1.84E-09	5.37E-10	5.77E-06	1.82E-09	5.30E-10	5.60E-06	1.77E-09	5.14E-10
1326	490708.06, 3859740.74	6.72E-06	2.12E-09	6.17E-10	6.63E-06	2.09E-09	6.09E-10	6.44E-06	2.03E-09	5.91E-10
1327	490758.06, 3859740.74	6.20E-06	1.96E-09	5.70E-10	6.12E-06	1.93E-09	5.62E-10	5.95E-06	1.88E-09	5.46E-10
1328	490808.06, 3859740.74	5.91E-06	1.87E-09	5.43E-10	5.83E-06	1.84E-09	5.35E-10	5.66E-06	1.79E-09	5.20E-10
1329	490858.06, 3859740.74	5.72E-06	1.80E-09	5.25E-10	5.64E-06	1.78E-09	5.18E-10	5.48E-06	1.73E-09	5.03E-10
1330	490786.56, 3859749.39	6.06E-06	1.91E-09	5.56E-10	5.98E-06	1.89E-09	5.49E-10	5.81E-06	1.83E-09	5.33E-10
1331	490836.56, 3859749.39	5.79E-06	1.83E-09	5.32E-10	5.72E-06	1.80E-09	5.25E-10	5.55E-06	1.75E-09	5.10E-10
1332	490786.56, 3859799.39	6.29E-06	1.99E-09	5.78E-10	6.21E-06	1.96E-09	5.70E-10	6.03E-06	1.90E-09	5.54E-10
1333	490836.56, 3859799.39	6.16E-06	1.95E-09	5.66E-10	6.08E-06	1.92E-09	5.58E-10	5.91E-06	1.86E-09	5.42E-10
1334	492307.84, 3854508.36	2.28E-07	7.19E-11	2.09E-11	2.25E-07	7.09E-11	2.06E-11	2.18E-07	6.89E-11	2.00E-11
1335	486445.7, 3854753.6	2.32E-07	7.33E-11	2.13E-11	2.29E-07	7.24E-11	2.10E-11	2.23E-07	7.03E-11	2.04E-11
1336	472599.75, 3877830.11	4.10E-08	1.29E-11	3.76E-12	4.05E-08	1.28E-11	3.71E-12	3.93E-08	1.24E-11	3.61E-12
1337	493107.48, 3866840.19	1.57E-07	4.95E-11	1.44E-11	1.55E-07	4.89E-11	1.42E-11	1.50E-07	4.75E-11	1.38E-11
1338	495815.8, 3861662.87	8.92E-07	2.82E-10	8.19E-11	8.80E-07	2.78E-10	8.08E-11	8.55E-07	2.70E-10	7.85E-11
1339	480272.33, 3841389.2	1.17E-08	3.70E-12	1.08E-12	1.16E-08	3.65E-12	1.06E-12	1.12E-08	3.54E-12	1.03E-12
1340	497005.18, 3862813.64	5.67E-07	1.79E-10	5.21E-11	5.60E-07	1.77E-10	5.14E-11	5.43E-07	1.72E-10	4.99E-11
1341	493677.33, 3860302.55	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
1342	493727.33, 3860302.55	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.46E-10	1.88E-10
1343	493777.33, 3860302.55	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1344	493827.33, 3860302.55	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
1345	493877.33, 3860302.55	2.11E-06	6.65E-10	1.93E-10	2.08E-06	6.56E-10	1.91E-10	2.02E-06	6.37E-10	1.85E-10
1346	493927.33, 3860302.55	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
1347	493977.33, 3860302.55	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
1348	494027.33, 3860302.55	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
1349	493677.33, 3860352.55	2.08E-06	6.57E-10	1.91E-10	2.06E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
1350	493727.33, 3860352.55	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
1351	493777.33, 3860352.55	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
1352	493827.33, 3860352.55	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
1353	493877.33, 3860352.55	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.96E-06	6.17E-10	1.79E-10
1354	493927.33, 3860352.55	2.03E-06	6.41E-10	1.87E-10	2.01E-06	6.33E-10	1.84E-10	1.95E-06	6.15E-10	1.79E-10
1355	493977.33, 3860352.55	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.31E-10	1.84E-10	1.94E-06	6.13E-10	1.78E-10
1356	494027.33, 3860352.55	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1357	493677.33, 3860402.55	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.78E-10
1358	493727.33, 3860402.55	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
1359	493777.33, 3860402.55	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
1360	493827.33, 3860402.55	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
1361	493877.33, 3860402.55	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
1362	493927.33, 3860402.55	1.97E-06	6.22E-10	1.81E-10	1.95E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
1363	493977.33, 3860402.55	1.97E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
1364	494027.33, 3860402.55	1.96E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
1365	493677.33, 3860452.55	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
1366	493727.33, 3860452.55	1.94E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1367	493777.33, 3860452.55	1.94E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1368	493827.33, 3860452.55	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
1369	493877.33, 3860452.55	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1370	493927.33, 3860452.55	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.74E-10	1.84E-06	5.79E-10	1.68E-10
1371	493977.33, 3860452.55	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
1372	494027.33, 3860452.55	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
1373	493677.33, 3860502.55	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
1374	493727.33, 3860502.55	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.88E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10
1375	493777.33, 3860502.55	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
1376	493827.33, 3860502.55	1.87E-06	5.90E-10	1.72E-10	1.85E-06	5.83E-10	1.69E-10	1.79E-06	5.66E-10	1.65E-10
1377	493877.33, 3860502.55	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1378	493927.33, 3860502.55	1.86E-06	5.87E-10	1.71E-10	1.83E-06	5.79E-10	1.68E-10	1.78E-06	5.62E-10	1.64E-10
1379	493977.33, 3860502.55	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
1380	494027.33, 3860502.55	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1381	493627.33, 3860552.55	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.77E-10	1.68E-10	1.77E-06	5.60E-10	1.63E-10
1382	493677.33, 3860552.55	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1383	493727.33, 3860552.55	1.83E-06	5.77E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10

1384	493777.33, 3860552.55	1.82E-06	5.75E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.51E-10	1.60E-10
1385	493827.33, 3860552.55	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
1386	493877.33, 3860552.55	1.81E-06	5.70E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1387	493927.33, 3860552.55	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1388	493977.33, 3860552.55	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1389	494027.33, 3860552.55	1.79E-06	5.64E-10	1.64E-10	1.76E-06	5.57E-10	1.62E-10	1.71E-06	5.41E-10	1.57E-10
1390	493627.33, 3860602.55	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1391	493727.33, 3860602.55	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
1392	493777.33, 3860602.55	1.77E-06	5.58E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1393	493827.33, 3860602.55	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1394	493877.33, 3860602.55	1.76E-06	5.54E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.31E-10	1.55E-10
1395	493927.33, 3860602.55	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.59E-10	1.68E-06	5.29E-10	1.54E-10
1396	493977.33, 3860602.55	1.74E-06	5.51E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.28E-10	1.53E-10
1397	494027.33, 3860602.55	1.74E-06	5.48E-10	1.59E-10	1.71E-06	5.41E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1398	493627.33, 3860652.55	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
1399	493727.33, 3860652.55	1.72E-06	5.43E-10	1.58E-10	1.70E-06	5.36E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1400	493777.33, 3860652.55	1.71E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
1401	493827.33, 3860652.55	1.71E-06	5.40E-10	1.57E-10	1.69E-06	5.33E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
1402	493877.33, 3860652.55	1.71E-06	5.39E-10	1.57E-10	1.68E-06	5.32E-10	1.55E-10	1.64E-06	5.16E-10	1.50E-10
1403	493927.33, 3860652.55	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.14E-10	1.50E-10
1404	493977.33, 3860652.55	1.69E-06	5.34E-10	1.55E-10	1.67E-06	5.27E-10	1.53E-10	1.62E-06	5.12E-10	1.49E-10
1405	494027.33, 3860652.55	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1406	494311.06, 3858401.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
1407	494361.06, 3858401.99	2.23E-06	7.05E-10	2.05E-10	2.20E-06	6.95E-10	2.02E-10	2.14E-06	6.75E-10	1.96E-10
1408	494411.06, 3858401.99	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
1409	494461.06, 3858401.99	2.16E-06	6.83E-10	1.99E-10	2.14E-06	6.74E-10	1.96E-10	2.07E-06	6.55E-10	1.90E-10
1410	494511.06, 3858401.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
1411	494561.06, 3858401.99	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
1412	494611.06, 3858401.99	2.05E-06	6.48E-10	1.88E-10	2.03E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
1413	494661.06, 3858401.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1414	494711.06, 3858401.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.89E-06	5.95E-10	1.73E-10
1415	494761.06, 3858401.99	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
1416	494811.06, 3858401.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
1417	494861.06, 3858401.99	1.86E-06	5.89E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1418	494911.06, 3858401.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
1419	494961.06, 3858401.99	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1420	495011.06, 3858401.99	1.76E-06	5.54E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.31E-10	1.55E-10
1421	495061.06, 3858401.99	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10
1422	495111.06, 3858401.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1423	495161.06, 3858401.99	1.65E-06	5.22E-10	1.52E-10	1.63E-06	5.15E-10	1.50E-10	1.58E-06	5.00E-10	1.45E-10
1424	495211.06, 3858401.99	1.61E-06	5.08E-10	1.48E-10	1.59E-06	5.01E-10	1.46E-10	1.54E-06	4.86E-10	1.41E-10
1425	495261.06, 3858401.99	1.58E-06	4.98E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.78E-10	1.39E-10
1426	495311.06, 3858401.99	1.55E-06	4.89E-10	1.42E-10	1.53E-06	4.83E-10	1.40E-10	1.49E-06	4.69E-10	1.36E-10
1427	495361.06, 3858401.99	1.53E-06	4.82E-10	1.40E-10	1.51E-06	4.76E-10	1.38E-10	1.46E-06	4.62E-10	1.34E-10
1428	495411.06, 3858401.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
1429	495461.06, 3858401.99	1.50E-06	4.73E-10	1.37E-10	1.48E-06	4.66E-10	1.36E-10	1.43E-06	4.53E-10	1.32E-10
1430	495511.06, 3858401.99	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
1431	495561.06, 3858401.99	1.46E-06	4.60E-10	1.34E-10	1.44E-06	4.54E-10	1.32E-10	1.40E-06	4.41E-10	1.28E-10
1432	495611.06, 3858401.99	1.44E-06	4.55E-10	1.32E-10	1.42E-06	4.50E-10	1.31E-10	1.38E-06	4.37E-10	1.27E-10
1433	495661.06, 3858401.99	1.44E-06	4.55E-10	1.32E-10	1.42E-06	4.49E-10	1.31E-10	1.38E-06	4.36E-10	1.27E-10
1434	494311.06, 3858451.99	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1435	494361.06, 3858451.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
1436	494411.06, 3858451.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.96E-10	2.03E-10	2.14E-06	6.76E-10	1.97E-10
1437	494461.06, 3858451.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
1438	494511.06, 3858451.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.56E-10	1.91E-10
1439	494561.06, 3858451.99	2.12E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1440	494611.06, 3858451.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1441	494661.06, 3858451.99	2.05E-06	6.48E-10	1.88E-10	2.03E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
1442	494711.06, 3858451.99	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
1443	494761.06, 3858451.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
1444	494811.06, 3858451.99	1.93E-06	6.09E-10	1.77E-10	1.91E-06	6.01E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1445	494861.06, 3858451.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
1446	494911.06, 3858451.99	1.84E-06	5.82E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.58E-10	1.62E-10
1447	494961.06, 3858451.99	1.81E-06	5.71E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1448	495011.06, 3858451.99	1.77E-06	5.58E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
1449	495061.06, 3858451.99	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
1450	495111.06, 3858451.99	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1451	495161.06, 3858451.99	1.66E-06	5.24E-10	1.52E-10	1.64E-06	5.17E-10	1.50E-10	1.59E-06	5.02E-10	1.46E-10
1452	495211.06, 3858451.99	1.62E-06	5.11E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.90E-10	1.43E-10
1453	495261.06, 3858451.99	1.59E-06	5.02E-10	1.46E-10	1.57E-06	4.96E-10	1.44E-10	1.53E-06	4.81E-10	1.40E-10
1454	495311.06, 3858451.99	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
1455	495361.06, 3858451.99	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.81E-10	1.40E-10	1.48E-06	4.67E-10	1.36E-10
1456	495411.06, 3858451.99	1.53E-06	4.83E-10	1.41E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10

1457	495461.06, 3858451.99	1.52E-06	4.79E-10	1.39E-10	1.50E-06	4.73E-10	1.38E-10	1.45E-06	4.59E-10	1.34E-10
1458	495511.06, 3858451.99	1.49E-06	4.72E-10	1.37E-10	1.47E-06	4.65E-10	1.35E-10	1.43E-06	4.52E-10	1.31E-10
1459	495561.06, 3858451.99	1.49E-06	4.70E-10	1.37E-10	1.47E-06	4.63E-10	1.35E-10	1.43E-06	4.50E-10	1.31E-10
1460	495611.06, 3858451.99	1.46E-06	4.61E-10	1.34E-10	1.44E-06	4.55E-10	1.32E-10	1.40E-06	4.42E-10	1.29E-10
1461	495661.06, 3858451.99	1.45E-06	4.58E-10	1.33E-10	1.43E-06	4.52E-10	1.32E-10	1.39E-06	4.39E-10	1.28E-10
1462	494311.06, 3858501.99	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.04E-10
1463	494361.06, 3858501.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
1464	494411.06, 3858501.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
1465	494461.06, 3858501.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
1466	494511.06, 3858501.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
1467	494561.06, 3858501.99	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
1468	494611.06, 3858501.99	2.12E-06	6.69E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
1469	494661.06, 3858501.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1470	494711.06, 3858501.99	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
1471	494761.06, 3858501.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
1472	494811.06, 3858501.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
1473	494861.06, 3858501.99	1.92E-06	6.05E-10	1.76E-10	1.89E-06	5.97E-10	1.74E-10	1.84E-06	5.80E-10	1.69E-10
1474	494911.06, 3858501.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1475	494961.06, 3858501.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
1476	495011.06, 3858501.99	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1477	495061.06, 3858501.99	1.76E-06	5.55E-10	1.62E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
1478	495111.06, 3858501.99	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.63E-06	5.16E-10	1.50E-10
1479	495161.06, 3858501.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1480	495211.06, 3858501.99	1.63E-06	5.15E-10	1.50E-10	1.61E-06	5.09E-10	1.48E-10	1.57E-06	4.94E-10	1.44E-10
1481	495261.06, 3858501.99	1.61E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.86E-10	1.41E-10
1482	495311.06, 3858501.99	1.59E-06	5.01E-10	1.46E-10	1.57E-06	4.94E-10	1.44E-10	1.52E-06	4.80E-10	1.40E-10
1483	495361.06, 3858501.99	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
1484	495411.06, 3858501.99	1.55E-06	4.90E-10	1.42E-10	1.53E-06	4.83E-10	1.41E-10	1.49E-06	4.69E-10	1.37E-10
1485	495461.06, 3858501.99	1.54E-06	4.85E-10	1.41E-10	1.52E-06	4.79E-10	1.39E-10	1.47E-06	4.65E-10	1.35E-10
1486	495511.06, 3858501.99	1.52E-06	4.79E-10	1.39E-10	1.50E-06	4.73E-10	1.38E-10	1.46E-06	4.59E-10	1.34E-10
1487	495561.06, 3858501.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
1488	495611.06, 3858501.99	1.49E-06	4.70E-10	1.37E-10	1.47E-06	4.64E-10	1.35E-10	1.43E-06	4.50E-10	1.31E-10
1489	495661.06, 3858501.99	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.60E-10	1.34E-10	1.42E-06	4.47E-10	1.30E-10
1490	494311.06, 3858551.99	2.27E-06	7.17E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
1491	494361.06, 3858551.99	2.27E-06	7.17E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
1492	494411.06, 3858551.99	2.27E-06	7.17E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
1493	494461.06, 3858551.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
1494	494511.06, 3858551.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
1495	494561.06, 3858551.99	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
1496	494611.06, 3858551.99	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
1497	494661.06, 3858551.99	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.62E-10	1.92E-10	2.04E-06	6.42E-10	1.87E-10
1498	494711.06, 3858551.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
1499	494761.06, 3858551.99	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.13E-10	1.78E-10
1500	494811.06, 3858551.99	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
1501	494861.06, 3858551.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1502	494911.06, 3858551.99	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1503	494961.06, 3858551.99	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.77E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
1504	495011.06, 3858551.99	1.80E-06	5.70E-10	1.66E-10	1.78E-06	5.62E-10	1.64E-10	1.73E-06	5.46E-10	1.59E-10
1505	495061.06, 3858551.99	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
1506	495111.06, 3858551.99	1.72E-06	5.42E-10	1.58E-10	1.70E-06	5.35E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1507	495161.06, 3858551.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10
1508	495211.06, 3858551.99	1.65E-06	5.20E-10	1.51E-10	1.63E-06	5.13E-10	1.49E-10	1.58E-06	4.99E-10	1.45E-10
1509	495261.06, 3858551.99	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.91E-10	1.43E-10
1510	495311.06, 3858551.99	1.61E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.86E-10	1.41E-10
1511	495361.06, 3858551.99	1.59E-06	5.01E-10	1.46E-10	1.57E-06	4.94E-10	1.44E-10	1.52E-06	4.80E-10	1.40E-10
1512	495411.06, 3858551.99	1.57E-06	4.97E-10	1.45E-10	1.55E-06	4.90E-10	1.43E-10	1.51E-06	4.76E-10	1.39E-10
1513	495461.06, 3858551.99	1.56E-06	4.92E-10	1.43E-10	1.54E-06	4.85E-10	1.41E-10	1.49E-06	4.71E-10	1.37E-10
1514	495511.06, 3858551.99	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.82E-10	1.40E-10	1.48E-06	4.68E-10	1.36E-10
1515	495561.06, 3858551.99	1.53E-06	4.83E-10	1.41E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10
1516	495611.06, 3858551.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.58E-10	1.33E-10
1517	495661.06, 3858551.99	1.49E-06	4.72E-10	1.37E-10	1.47E-06	4.65E-10	1.35E-10	1.43E-06	4.52E-10	1.31E-10
1518	494311.06, 3858601.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
1519	494361.06, 3858601.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
1520	494411.06, 3858601.99	2.31E-06	7.30E-10	2.12E-10	2.28E-06	7.20E-10	2.09E-10	2.22E-06	6.99E-10	2.03E-10
1521	494461.06, 3858601.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.93E-10	2.01E-10
1522	494511.06, 3858601.99	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.97E-10	2.03E-10	2.15E-06	6.77E-10	1.97E-10
1523	494561.06, 3858601.99	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
1524	494611.06, 3858601.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
1525	494661.06, 3858601.99	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
1526	494711.06, 3858601.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
1527	494761.06, 3858601.99	2.06E-06	6.51E-10	1.89E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.24E-10	1.82E-10
1528	494811.06, 3858601.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
1529	494861.06, 3858601.99	1.97E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10

1530	494911.06, 3858601.99	1.91E-06	6.03E-10	1.75E-10	1.88E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1531	494961.06, 3858601.99	1.87E-06	5.90E-10	1.72E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1532	495011.06, 3858601.99	1.83E-06	5.76E-10	1.68E-10	1.80E-06	5.69E-10	1.65E-10	1.75E-06	5.53E-10	1.61E-10
1533	495061.06, 3858601.99	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1534	495111.06, 3858601.99	1.73E-06	5.45E-10	1.59E-10	1.70E-06	5.38E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1535	495161.06, 3858601.99	1.69E-06	5.35E-10	1.55E-10	1.67E-06	5.28E-10	1.53E-10	1.62E-06	5.12E-10	1.49E-10
1536	495211.06, 3858601.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1537	495261.06, 3858601.99	1.64E-06	5.18E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.57E-06	4.97E-10	1.44E-10
1538	495311.06, 3858601.99	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.90E-10	1.43E-10
1539	495361.06, 3858601.99	1.61E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.86E-10	1.41E-10
1540	495411.06, 3858601.99	1.59E-06	5.02E-10	1.46E-10	1.57E-06	4.95E-10	1.44E-10	1.52E-06	4.81E-10	1.40E-10
1541	495461.06, 3858601.99	1.58E-06	4.98E-10	1.45E-10	1.56E-06	4.91E-10	1.43E-10	1.51E-06	4.77E-10	1.39E-10
1542	495511.06, 3858601.99	1.56E-06	4.91E-10	1.43E-10	1.54E-06	4.85E-10	1.41E-10	1.49E-06	4.71E-10	1.37E-10
1543	495561.06, 3858601.99	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.82E-10	1.40E-10	1.48E-06	4.68E-10	1.36E-10
1544	495611.06, 3858601.99	1.52E-06	4.81E-10	1.40E-10	1.50E-06	4.74E-10	1.38E-10	1.46E-06	4.61E-10	1.34E-10
1545	495661.06, 3858601.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
1546	494311.06, 3858651.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
1547	494361.06, 3858651.99	2.20E-06	6.96E-10	2.02E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
1548	494411.06, 3858651.99	2.32E-06	7.32E-10	2.13E-10	2.29E-06	7.22E-10	2.10E-10	2.22E-06	7.02E-10	2.04E-10
1549	494461.06, 3858651.99	2.32E-06	7.32E-10	2.13E-10	2.29E-06	7.22E-10	2.10E-10	2.22E-06	7.01E-10	2.04E-10
1550	494511.06, 3858651.99	2.29E-06	7.21E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1551	494561.06, 3858651.99	2.26E-06	7.13E-10	2.08E-10	2.23E-06	7.04E-10	2.05E-10	2.17E-06	6.84E-10	1.99E-10
1552	494611.06, 3858651.99	2.23E-06	7.04E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
1553	494661.06, 3858651.99	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.62E-10	1.92E-10
1554	494711.06, 3858651.99	2.14E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
1555	494761.06, 3858651.99	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
1556	494811.06, 3858651.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.85E-10	1.95E-06	6.16E-10	1.79E-10
1557	494861.06, 3858651.99	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.75E-10
1558	494911.06, 3858651.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1559	494961.06, 3858651.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
1560	495011.06, 3858651.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1561	495061.06, 3858651.99	1.80E-06	5.68E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1562	495111.06, 3858651.99	1.75E-06	5.53E-10	1.61E-10	1.73E-06	5.45E-10	1.59E-10	1.68E-06	5.30E-10	1.54E-10
1563	495161.06, 3858651.99	1.72E-06	5.42E-10	1.58E-10	1.70E-06	5.35E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1564	495211.06, 3858651.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.08E-10	1.48E-10
1565	495261.06, 3858651.99	1.66E-06	5.25E-10	1.53E-10	1.64E-06	5.19E-10	1.51E-10	1.60E-06	5.04E-10	1.46E-10
1566	495311.06, 3858651.99	1.64E-06	5.18E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.57E-06	4.97E-10	1.45E-10
1567	495361.06, 3858651.99	1.63E-06	5.13E-10	1.49E-10	1.61E-06	5.07E-10	1.47E-10	1.56E-06	4.92E-10	1.43E-10
1568	495411.06, 3858651.99	1.61E-06	5.09E-10	1.48E-10	1.59E-06	5.03E-10	1.46E-10	1.55E-06	4.88E-10	1.42E-10
1569	495461.06, 3858651.99	1.60E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.85E-10	1.41E-10
1570	495511.06, 3858651.99	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.78E-10	1.39E-10
1571	495561.06, 3858651.99	1.56E-06	4.93E-10	1.43E-10	1.54E-06	4.87E-10	1.42E-10	1.50E-06	4.73E-10	1.37E-10
1572	495611.06, 3858651.99	1.54E-06	4.85E-10	1.41E-10	1.52E-06	4.79E-10	1.39E-10	1.47E-06	4.65E-10	1.35E-10
1573	495661.06, 3858651.99	1.52E-06	4.81E-10	1.40E-10	1.50E-06	4.75E-10	1.38E-10	1.46E-06	4.61E-10	1.34E-10
1574	494311.06, 3858701.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1575	494361.06, 3858701.99	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
1576	494411.06, 3858701.99	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
1577	494461.06, 3858701.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10
1578	494511.06, 3858701.99	2.32E-06	7.31E-10	2.13E-10	2.29E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
1579	494561.06, 3858701.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1580	494611.06, 3858701.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
1581	494661.06, 3858701.99	2.21E-06	6.96E-10	2.03E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
1582	494711.06, 3858701.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1583	494761.06, 3858701.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
1584	494811.06, 3858701.99	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
1585	494861.06, 3858701.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
1586	494911.06, 3858701.99	1.96E-06	6.17E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.92E-10	1.72E-10
1587	494961.06, 3858701.99	1.89E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
1588	495011.06, 3858701.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.56E-10	1.62E-10
1589	495061.06, 3858701.99	1.81E-06	5.73E-10	1.67E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.49E-10	1.60E-10
1590	495111.06, 3858701.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1591	495161.06, 3858701.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.53E-10
1592	495211.06, 3858701.99	1.70E-06	5.36E-10	1.56E-10	1.68E-06	5.29E-10	1.54E-10	1.63E-06	5.14E-10	1.49E-10
1593	495261.06, 3858701.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10
1594	495311.06, 3858701.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1595	495361.06, 3858701.99	1.65E-06	5.21E-10	1.51E-10	1.63E-06	5.14E-10	1.49E-10	1.58E-06	4.99E-10	1.45E-10
1596	495411.06, 3858701.99	1.64E-06	5.17E-10	1.51E-10	1.62E-06	5.11E-10	1.49E-10	1.57E-06	4.96E-10	1.44E-10
1597	495461.06, 3858701.99	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
1598	495511.06, 3858701.99	1.60E-06	5.06E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.85E-10	1.41E-10
1599	495561.06, 3858701.99	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.78E-10	1.39E-10
1600	495611.06, 3858701.99	1.56E-06	4.92E-10	1.43E-10	1.54E-06	4.85E-10	1.41E-10	1.49E-06	4.71E-10	1.37E-10
1601	495661.06, 3858701.99	1.54E-06	4.87E-10	1.42E-10	1.52E-06	4.80E-10	1.40E-10	1.48E-06	4.67E-10	1.36E-10
1602	494311.06, 3858751.99	2.14E-06	6.76E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10

1603	494361.06, 3858751.99	2.32E-06	7.32E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.22E-06	7.02E-10	2.04E-10
1604	494411.06, 3858751.99	2.38E-06	7.51E-10	2.18E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
1605	494461.06, 3858751.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.37E-10	2.14E-10	2.27E-06	7.15E-10	2.08E-10
1606	494511.06, 3858751.99	2.36E-06	7.44E-10	2.16E-10	2.33E-06	7.34E-10	2.14E-10	2.26E-06	7.13E-10	2.07E-10
1607	494561.06, 3858751.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1608	494611.06, 3858751.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
1609	494661.06, 3858751.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
1610	494711.06, 3858751.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
1611	494761.06, 3858751.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
1612	494811.06, 3858751.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
1613	494861.06, 3858751.99	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.76E-10
1614	494911.06, 3858751.99	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
1615	494961.06, 3858751.99	1.91E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
1616	495011.06, 3858751.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
1617	495061.06, 3858751.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
1618	495111.06, 3858751.99	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.55E-10	1.62E-10	1.71E-06	5.39E-10	1.57E-10
1619	495161.06, 3858751.99	1.75E-06	5.53E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.30E-10	1.54E-10
1620	495211.06, 3858751.99	1.72E-06	5.42E-10	1.58E-10	1.69E-06	5.35E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
1621	495261.06, 3858751.99	1.70E-06	5.36E-10	1.56E-10	1.68E-06	5.29E-10	1.54E-10	1.63E-06	5.14E-10	1.50E-10
1622	495311.06, 3858751.99	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
1623	495361.06, 3858751.99	1.67E-06	5.26E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.04E-10	1.47E-10
1624	495411.06, 3858751.99	1.66E-06	5.24E-10	1.52E-10	1.64E-06	5.17E-10	1.50E-10	1.59E-06	5.02E-10	1.46E-10
1625	495461.06, 3858751.99	1.64E-06	5.19E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.58E-06	4.97E-10	1.45E-10
1626	495511.06, 3858751.99	1.62E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
1627	495561.06, 3858751.99	1.60E-06	5.06E-10	1.47E-10	1.58E-06	4.99E-10	1.45E-10	1.54E-06	4.85E-10	1.41E-10
1628	495611.06, 3858751.99	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.78E-10	1.39E-10
1629	495661.06, 3858751.99	1.56E-06	4.93E-10	1.43E-10	1.54E-06	4.87E-10	1.42E-10	1.50E-06	4.72E-10	1.37E-10
1630	494311.06, 3858801.99	2.21E-06	6.99E-10	2.03E-10	2.18E-06	6.89E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
1631	494361.06, 3858801.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.27E-06	7.15E-10	2.08E-10
1632	494411.06, 3858801.99	2.39E-06	7.54E-10	2.19E-10	2.36E-06	7.44E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10
1633	494461.06, 3858801.99	2.39E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.30E-06	7.24E-10	2.11E-10
1634	494511.06, 3858801.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.24E-10	2.10E-10
1635	494561.06, 3858801.99	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
1636	494611.06, 3858801.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1637	494661.06, 3858801.99	2.27E-06	7.16E-10	2.08E-10	2.24E-06	7.07E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
1638	494711.06, 3858801.99	2.21E-06	6.96E-10	2.02E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
1639	494761.06, 3858801.99	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.45E-10	1.88E-10
1640	494811.06, 3858801.99	2.06E-06	6.51E-10	1.89E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.24E-10	1.82E-10
1641	494861.06, 3858801.99	2.02E-06	6.38E-10	1.86E-10	2.00E-06	6.30E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10
1642	494911.06, 3858801.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
1643	494961.06, 3858801.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
1644	495011.06, 3858801.99	1.88E-06	5.93E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
1645	495061.06, 3858801.99	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
1646	495111.06, 3858801.99	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1647	495161.06, 3858801.99	1.76E-06	5.55E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.32E-10	1.55E-10
1648	495211.06, 3858801.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
1649	495261.06, 3858801.99	1.72E-06	5.42E-10	1.58E-10	1.69E-06	5.35E-10	1.56E-10	1.65E-06	5.19E-10	1.51E-10
1650	495311.06, 3858801.99	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.63E-06	5.16E-10	1.50E-10
1651	495361.06, 3858801.99	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1652	495411.06, 3858801.99	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
1653	495461.06, 3858801.99	1.67E-06	5.26E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1654	495511.06, 3858801.99	1.65E-06	5.19E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.58E-06	4.98E-10	1.45E-10
1655	495561.06, 3858801.99	1.63E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.92E-10	1.43E-10
1656	495611.06, 3858801.99	1.60E-06	5.05E-10	1.47E-10	1.58E-06	4.98E-10	1.45E-10	1.53E-06	4.84E-10	1.41E-10
1657	495661.06, 3858801.99	1.58E-06	5.00E-10	1.45E-10	1.56E-06	4.93E-10	1.44E-10	1.52E-06	4.79E-10	1.39E-10
1658	494311.06, 3858851.99	2.38E-06	7.51E-10	2.19E-10	2.35E-06	7.42E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
1659	494361.06, 3858851.99	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
1660	494411.06, 3858851.99	2.45E-06	7.72E-10	2.25E-10	2.41E-06	7.62E-10	2.22E-10	2.34E-06	7.40E-10	2.15E-10
1661	494461.06, 3858851.99	2.44E-06	7.70E-10	2.24E-10	2.41E-06	7.60E-10	2.21E-10	2.34E-06	7.38E-10	2.15E-10
1662	494511.06, 3858851.99	2.42E-06	7.65E-10	2.22E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.33E-10	2.13E-10
1663	494561.06, 3858851.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10
1664	494611.06, 3858851.99	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
1665	494661.06, 3858851.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
1666	494711.06, 3858851.99	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.01E-10	2.12E-06	6.69E-10	1.95E-10
1667	494761.06, 3858851.99	2.14E-06	6.76E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
1668	494811.06, 3858851.99	2.09E-06	6.58E-10	1.91E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.83E-10
1669	494861.06, 3858851.99	2.05E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
1670	494911.06, 3858851.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.75E-10
1671	494961.06, 3858851.99	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
1672	495011.06, 3858851.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1673	495061.06, 3858851.99	1.87E-06	5.90E-10	1.71E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1674	495111.06, 3858851.99	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1675	495161.06, 3858851.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10

1676	495211.06, 3858851.99	1.75E-06	5.54E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.31E-10	1.54E-10
1677	495261.06, 3858851.99	1.74E-06	5.49E-10	1.60E-10	1.72E-06	5.42E-10	1.58E-10	1.67E-06	5.26E-10	1.53E-10
1678	495311.06, 3858851.99	1.73E-06	5.46E-10	1.59E-10	1.71E-06	5.39E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1679	495361.06, 3858851.99	1.72E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
1680	495411.06, 3858851.99	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1681	495461.06, 3858851.99	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.27E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1682	495511.06, 3858851.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1683	495561.06, 3858851.99	1.64E-06	5.17E-10	1.50E-10	1.62E-06	5.11E-10	1.49E-10	1.57E-06	4.96E-10	1.44E-10
1684	495611.06, 3858851.99	1.61E-06	5.09E-10	1.48E-10	1.59E-06	5.02E-10	1.46E-10	1.54E-06	4.87E-10	1.42E-10
1685	495661.06, 3858851.99	1.60E-06	5.05E-10	1.47E-10	1.58E-06	4.99E-10	1.45E-10	1.53E-06	4.84E-10	1.41E-10
1686	494311.06, 3858901.99	2.45E-06	7.72E-10	2.25E-10	2.41E-06	7.62E-10	2.22E-10	2.34E-06	7.40E-10	2.15E-10
1687	494361.06, 3858901.99	2.51E-06	7.93E-10	2.31E-10	2.48E-06	7.82E-10	2.28E-10	2.41E-06	7.60E-10	2.21E-10
1688	494411.06, 3858901.99	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
1689	494461.06, 3858901.99	2.50E-06	7.89E-10	2.30E-10	2.47E-06	7.79E-10	2.27E-10	2.40E-06	7.56E-10	2.20E-10
1690	494511.06, 3858901.99	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
1691	494561.06, 3858901.99	2.43E-06	7.68E-10	2.23E-10	2.40E-06	7.58E-10	2.20E-10	2.33E-06	7.36E-10	2.14E-10
1692	494611.06, 3858901.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
1693	494661.06, 3858901.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1694	494711.06, 3858901.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
1695	494761.06, 3858901.99	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
1696	494811.06, 3858901.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
1697	494861.06, 3858901.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
1698	494911.06, 3858901.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
1699	494961.06, 3858901.99	1.96E-06	6.19E-10	1.80E-10	1.93E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
1700	495011.06, 3858901.99	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1701	495061.06, 3858901.99	1.87E-06	5.90E-10	1.71E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1702	495111.06, 3858901.99	1.80E-06	5.68E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1703	495161.06, 3858901.99	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
1704	495211.06, 3858901.99	1.78E-06	5.61E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
1705	495261.06, 3858901.99	1.77E-06	5.57E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
1706	495311.06, 3858901.99	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
1707	495361.06, 3858901.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1708	495411.06, 3858901.99	1.73E-06	5.45E-10	1.59E-10	1.71E-06	5.38E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1709	495461.06, 3858901.99	1.71E-06	5.39E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
1710	495511.06, 3858901.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10
1711	495561.06, 3858901.99	1.66E-06	5.24E-10	1.52E-10	1.64E-06	5.17E-10	1.50E-10	1.59E-06	5.02E-10	1.46E-10
1712	495611.06, 3858901.99	1.63E-06	5.15E-10	1.50E-10	1.61E-06	5.08E-10	1.48E-10	1.56E-06	4.94E-10	1.44E-10
1713	495661.06, 3858901.99	1.62E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
1714	494311.06, 3858951.99	2.56E-06	8.09E-10	2.35E-10	2.53E-06	7.98E-10	2.32E-10	2.46E-06	7.75E-10	2.25E-10
1715	494361.06, 3858951.99	2.58E-06	8.14E-10	2.37E-10	2.55E-06	8.04E-10	2.34E-10	2.47E-06	7.81E-10	2.27E-10
1716	494411.06, 3858951.99	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
1717	494461.06, 3858951.99	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
1718	494511.06, 3858951.99	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.82E-10	2.27E-10	2.41E-06	7.59E-10	2.21E-10
1719	494561.06, 3858951.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
1720	494611.06, 3858951.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.24E-10	2.10E-10
1721	494661.06, 3858951.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10
1722	494711.06, 3858951.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
1723	494761.06, 3858951.99	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.61E-10	1.92E-10
1724	494811.06, 3858951.99	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
1725	494861.06, 3858951.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
1726	494911.06, 3858951.99	2.04E-06	6.45E-10	1.87E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
1727	494961.06, 3858951.99	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
1728	495011.06, 3858951.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
1729	495061.06, 3858951.99	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
1730	495111.06, 3858951.99	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1731	495161.06, 3858951.99	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.74E-06	5.48E-10	1.59E-10
1732	495211.06, 3858951.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1733	495261.06, 3858951.99	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
1734	495311.06, 3858951.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.48E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1735	495361.06, 3858951.99	1.75E-06	5.53E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.30E-10	1.54E-10
1736	495411.06, 3858951.99	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
1737	495461.06, 3858951.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
1738	495511.06, 3858951.99	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10
1739	495561.06, 3858951.99	1.68E-06	5.31E-10	1.55E-10	1.66E-06	5.24E-10	1.53E-10	1.61E-06	5.09E-10	1.48E-10
1740	495611.06, 3858951.99	1.66E-06	5.23E-10	1.52E-10	1.64E-06	5.16E-10	1.50E-10	1.59E-06	5.01E-10	1.46E-10
1741	495661.06, 3858951.99	1.65E-06	5.21E-10	1.51E-10	1.63E-06	5.14E-10	1.50E-10	1.58E-06	4.99E-10	1.45E-10
1742	494311.06, 3859001.99	2.64E-06	8.34E-10	2.42E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	7.99E-10	2.32E-10
1743	494361.06, 3859001.99	2.63E-06	8.29E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.94E-10	2.31E-10
1744	494411.06, 3859001.99	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
1745	494461.06, 3859001.99	2.58E-06	8.14E-10	2.37E-10	2.55E-06	8.03E-10	2.34E-10	2.47E-06	7.80E-10	2.27E-10
1746	494511.06, 3859001.99	2.55E-06	8.04E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
1747	494561.06, 3859001.99	2.48E-06	7.83E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.50E-10	2.18E-10
1748	494611.06, 3859001.99	2.42E-06	7.63E-10	2.22E-10	2.39E-06	7.53E-10	2.19E-10	2.32E-06	7.32E-10	2.13E-10

1749	494661.06, 3859001.99	2.35E-06	7.41E-10	2.15E-10	2.32E-06	7.31E-10	2.13E-10	2.25E-06	7.10E-10	2.06E-10
1750	494711.06, 3859001.99	2.26E-06	7.15E-10	2.08E-10	2.24E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
1751	494761.06, 3859001.99	2.21E-06	6.99E-10	2.03E-10	2.18E-06	6.89E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
1752	494811.06, 3859001.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.98E-10	2.09E-06	6.60E-10	1.92E-10
1753	494861.06, 3859001.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1754	494911.06, 3859001.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
1755	494961.06, 3859001.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.93E-06	6.10E-10	1.78E-10
1756	495011.06, 3859001.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
1757	495061.06, 3859001.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.79E-06	5.63E-10	1.64E-10
1758	495111.06, 3859001.99	1.81E-06	5.71E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1759	495161.06, 3859001.99	1.84E-06	5.80E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.56E-10	1.62E-10
1760	495211.06, 3859001.99	1.82E-06	5.75E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.51E-10	1.60E-10
1761	495261.06, 3859001.99	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.48E-10	1.60E-10
1762	495311.06, 3859001.99	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1763	495361.06, 3859001.99	1.79E-06	5.63E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1764	495411.06, 3859001.99	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.60E-10	1.70E-06	5.36E-10	1.56E-10
1765	495461.06, 3859001.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
1766	495511.06, 3859001.99	1.73E-06	5.45E-10	1.59E-10	1.70E-06	5.38E-10	1.56E-10	1.66E-06	5.22E-10	1.52E-10
1767	495561.06, 3859001.99	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.64E-06	5.16E-10	1.50E-10
1768	495611.06, 3859001.99	1.68E-06	5.31E-10	1.55E-10	1.66E-06	5.24E-10	1.53E-10	1.61E-06	5.09E-10	1.48E-10
1769	495661.06, 3859001.99	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1770	494311.06, 3859051.99	2.70E-06	8.51E-10	2.48E-10	2.66E-06	8.40E-10	2.44E-10	2.58E-06	8.16E-10	2.37E-10
1771	494361.06, 3859051.99	2.69E-06	8.49E-10	2.47E-10	2.65E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
1772	494411.06, 3859051.99	2.65E-06	8.36E-10	2.43E-10	2.62E-06	8.26E-10	2.40E-10	2.54E-06	8.02E-10	2.33E-10
1773	494461.06, 3859051.99	2.60E-06	8.22E-10	2.39E-10	2.57E-06	8.11E-10	2.36E-10	2.50E-06	7.88E-10	2.29E-10
1774	494511.06, 3859051.99	2.55E-06	8.04E-10	2.34E-10	2.51E-06	7.93E-10	2.31E-10	2.44E-06	7.70E-10	2.24E-10
1775	494561.06, 3859051.99	2.50E-06	7.89E-10	2.29E-10	2.47E-06	7.78E-10	2.26E-10	2.39E-06	7.56E-10	2.20E-10
1776	494611.06, 3859051.99	2.43E-06	7.69E-10	2.24E-10	2.40E-06	7.58E-10	2.21E-10	2.33E-06	7.37E-10	2.14E-10
1777	494661.06, 3859051.99	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.16E-10	2.08E-10
1778	494711.06, 3859051.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1779	494761.06, 3859051.99	2.24E-06	7.08E-10	2.06E-10	2.22E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
1780	494811.06, 3859051.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.94E-10
1781	494861.06, 3859051.99	2.15E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.06E-06	6.52E-10	1.90E-10
1782	494911.06, 3859051.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1783	494961.06, 3859051.99	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
1784	495011.06, 3859051.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1785	495061.06, 3859051.99	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.88E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10
1786	495111.06, 3859051.99	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
1787	495161.06, 3859051.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.79E-06	5.66E-10	1.65E-10
1788	495211.06, 3859051.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1789	495261.06, 3859051.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.57E-10	1.62E-10
1790	495311.06, 3859051.99	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.51E-10	1.60E-10
1791	495361.06, 3859051.99	1.81E-06	5.71E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1792	495411.06, 3859051.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1793	495461.06, 3859051.99	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1794	495511.06, 3859051.99	1.76E-06	5.55E-10	1.62E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
1795	495561.06, 3859051.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
1796	495611.06, 3859051.99	1.71E-06	5.39E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
1797	495661.06, 3859051.99	1.71E-06	5.40E-10	1.57E-10	1.69E-06	5.33E-10	1.55E-10	1.64E-06	5.18E-10	1.51E-10
1798	494311.06, 3859101.99	2.75E-06	8.69E-10	2.53E-10	2.72E-06	8.58E-10	2.50E-10	2.64E-06	8.33E-10	2.42E-10
1799	494361.06, 3859101.99	2.72E-06	8.58E-10	2.50E-10	2.68E-06	8.47E-10	2.46E-10	2.61E-06	8.23E-10	2.39E-10
1800	494411.06, 3859101.99	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
1801	494461.06, 3859101.99	2.64E-06	8.34E-10	2.43E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	7.99E-10	2.33E-10
1802	494511.06, 3859101.99	2.57E-06	8.13E-10	2.36E-10	2.54E-06	8.02E-10	2.33E-10	2.47E-06	7.79E-10	2.27E-10
1803	494561.06, 3859101.99	2.52E-06	7.96E-10	2.32E-10	2.49E-06	7.86E-10	2.29E-10	2.42E-06	7.63E-10	2.22E-10
1804	494611.06, 3859101.99	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.61E-10	2.21E-10	2.34E-06	7.39E-10	2.15E-10
1805	494661.06, 3859101.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.29E-06	7.24E-10	2.11E-10
1806	494711.06, 3859101.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.99E-10	2.03E-10
1807	494761.06, 3859101.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1808	494811.06, 3859101.99	2.23E-06	7.03E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
1809	494861.06, 3859101.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
1810	494911.06, 3859101.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
1811	494961.06, 3859101.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1812	495011.06, 3859101.99	1.92E-06	6.06E-10	1.76E-10	1.89E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1813	495061.06, 3859101.99	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
1814	495111.06, 3859101.99	1.88E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
1815	495161.06, 3859101.99	1.90E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1816	495211.06, 3859101.99	1.87E-06	5.90E-10	1.71E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1817	495261.06, 3859101.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1818	495311.06, 3859101.99	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
1819	495361.06, 3859101.99	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.59E-10	1.62E-10
1820	495411.06, 3859101.99	1.84E-06	5.79E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.62E-10
1821	495461.06, 3859101.99	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.48E-10	1.60E-10

1822	495511.06, 3859101.99	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1823	495561.06, 3859101.99	1.77E-06	5.58E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1824	495611.06, 3859101.99	1.74E-06	5.49E-10	1.60E-10	1.72E-06	5.42E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
1825	495661.06, 3859101.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1826	494311.06, 3859151.99	2.79E-06	8.80E-10	2.56E-10	2.75E-06	8.68E-10	2.53E-10	2.67E-06	8.43E-10	2.45E-10
1827	494361.06, 3859151.99	2.76E-06	8.72E-10	2.54E-10	2.73E-06	8.61E-10	2.50E-10	2.65E-06	8.36E-10	2.43E-10
1828	494411.06, 3859151.99	2.71E-06	8.55E-10	2.49E-10	2.67E-06	8.44E-10	2.45E-10	2.60E-06	8.19E-10	2.38E-10
1829	494461.06, 3859151.99	2.65E-06	8.37E-10	2.43E-10	2.62E-06	8.26E-10	2.40E-10	2.54E-06	8.02E-10	2.33E-10
1830	494511.06, 3859151.99	2.58E-06	8.15E-10	2.37E-10	2.55E-06	8.04E-10	2.34E-10	2.47E-06	7.81E-10	2.27E-10
1831	494561.06, 3859151.99	2.54E-06	8.01E-10	2.33E-10	2.51E-06	7.91E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
1832	494611.06, 3859151.99	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
1833	494661.06, 3859151.99	2.42E-06	7.65E-10	2.22E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.33E-10	2.13E-10
1834	494711.06, 3859151.99	2.38E-06	7.52E-10	2.19E-10	2.35E-06	7.43E-10	2.16E-10	2.29E-06	7.21E-10	2.10E-10
1835	494761.06, 3859151.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1836	494811.06, 3859151.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
1837	494861.06, 3859151.99	2.20E-06	6.95E-10	2.02E-10	2.17E-06	6.86E-10	2.00E-10	2.11E-06	6.66E-10	1.94E-10
1838	494911.06, 3859151.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1839	494961.06, 3859151.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
1840	495011.06, 3859151.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1841	495061.06, 3859151.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1842	495111.06, 3859151.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1843	495161.06, 3859151.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
1844	495211.06, 3859151.99	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.77E-10	1.68E-10
1845	495261.06, 3859151.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
1846	495311.06, 3859151.99	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
1847	495361.06, 3859151.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1848	495411.06, 3859151.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.79E-06	5.66E-10	1.65E-10
1849	495461.06, 3859151.99	1.86E-06	5.87E-10	1.71E-10	1.83E-06	5.79E-10	1.68E-10	1.78E-06	5.62E-10	1.64E-10
1850	495511.06, 3859151.99	1.83E-06	5.76E-10	1.68E-10	1.80E-06	5.69E-10	1.65E-10	1.75E-06	5.52E-10	1.61E-10
1851	495561.06, 3859151.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1852	495611.06, 3859151.99	1.78E-06	5.62E-10	1.64E-10	1.76E-06	5.55E-10	1.61E-10	1.71E-06	5.39E-10	1.57E-10
1853	495661.06, 3859151.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1854	494311.06, 3859201.99	2.81E-06	8.87E-10	2.58E-10	2.77E-06	8.76E-10	2.55E-10	2.69E-06	8.50E-10	2.47E-10
1855	494361.06, 3859201.99	2.78E-06	8.76E-10	2.55E-10	2.74E-06	8.65E-10	2.52E-10	2.66E-06	8.40E-10	2.44E-10
1856	494411.06, 3859201.99	2.73E-06	8.61E-10	2.51E-10	2.69E-06	8.50E-10	2.47E-10	2.62E-06	8.25E-10	2.40E-10
1857	494461.06, 3859201.99	2.66E-06	8.40E-10	2.44E-10	2.63E-06	8.29E-10	2.41E-10	2.55E-06	8.05E-10	2.34E-10
1858	494511.06, 3859201.99	2.62E-06	8.26E-10	2.40E-10	2.58E-06	8.15E-10	2.37E-10	2.51E-06	7.91E-10	2.30E-10
1859	494561.06, 3859201.99	2.54E-06	8.03E-10	2.34E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
1860	494611.06, 3859201.99	2.49E-06	7.85E-10	2.28E-10	2.45E-06	7.75E-10	2.25E-10	2.38E-06	7.52E-10	2.19E-10
1861	494661.06, 3859201.99	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.61E-10	2.21E-10	2.34E-06	7.39E-10	2.15E-10
1862	494711.06, 3859201.99	2.40E-06	7.57E-10	2.20E-10	2.37E-06	7.47E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
1863	494761.06, 3859201.99	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.24E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1864	494811.06, 3859201.99	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.86E-10	1.99E-10
1865	494861.06, 3859201.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
1866	494911.06, 3859201.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
1867	494961.06, 3859201.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.85E-10	1.95E-06	6.16E-10	1.79E-10
1868	495011.06, 3859201.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1869	495061.06, 3859201.99	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
1870	495111.06, 3859201.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
1871	495161.06, 3859201.99	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1872	495211.06, 3859201.99	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1873	495261.06, 3859201.99	1.92E-06	6.05E-10	1.76E-10	1.89E-06	5.97E-10	1.74E-10	1.84E-06	5.79E-10	1.69E-10
1874	495311.06, 3859201.99	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.82E-06	5.76E-10	1.68E-10
1875	495361.06, 3859201.99	1.90E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1876	495411.06, 3859201.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
1877	495461.06, 3859201.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.71E-10	1.80E-06	5.69E-10	1.66E-10
1878	495511.06, 3859201.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1879	495561.06, 3859201.99	1.83E-06	5.77E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
1880	495611.06, 3859201.99	1.80E-06	5.69E-10	1.66E-10	1.78E-06	5.62E-10	1.63E-10	1.73E-06	5.46E-10	1.59E-10
1881	495661.06, 3859201.99	1.79E-06	5.64E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1882	494311.06, 3859251.99	2.83E-06	8.93E-10	2.60E-10	2.79E-06	8.81E-10	2.56E-10	2.71E-06	8.56E-10	2.49E-10
1883	494361.06, 3859251.99	2.78E-06	8.77E-10	2.55E-10	2.74E-06	8.66E-10	2.52E-10	2.66E-06	8.41E-10	2.45E-10
1884	494411.06, 3859251.99	2.71E-06	8.56E-10	2.49E-10	2.68E-06	8.45E-10	2.46E-10	2.60E-06	8.21E-10	2.39E-10
1885	494461.06, 3859251.99	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
1886	494511.06, 3859251.99	2.60E-06	8.20E-10	2.38E-10	2.56E-06	8.09E-10	2.35E-10	2.49E-06	7.85E-10	2.28E-10
1887	494561.06, 3859251.99	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
1888	494611.06, 3859251.99	2.49E-06	7.86E-10	2.29E-10	2.46E-06	7.75E-10	2.26E-10	2.39E-06	7.53E-10	2.19E-10
1889	494661.06, 3859251.99	2.46E-06	7.75E-10	2.25E-10	2.42E-06	7.65E-10	2.22E-10	2.35E-06	7.43E-10	2.16E-10
1890	494711.06, 3859251.99	2.41E-06	7.61E-10	2.21E-10	2.38E-06	7.51E-10	2.18E-10	2.31E-06	7.29E-10	2.12E-10
1891	494761.06, 3859251.99	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.08E-10	2.21E-06	6.96E-10	2.02E-10
1892	494811.06, 3859251.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1893	494861.06, 3859251.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
1894	494911.06, 3859251.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10

1895	494961.06, 3859251.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.44E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
1896	495011.06, 3859251.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1897	495061.06, 3859251.99	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
1898	495111.06, 3859251.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.20E-10	1.80E-10	1.91E-06	6.03E-10	1.75E-10
1899	495161.06, 3859251.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
1900	495211.06, 3859251.99	1.96E-06	6.17E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.92E-10	1.72E-10
1901	495261.06, 3859251.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1902	495311.06, 3859251.99	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1903	495361.06, 3859251.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.75E-10	1.85E-06	5.83E-10	1.69E-10
1904	495411.06, 3859251.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
1905	495461.06, 3859251.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1906	495511.06, 3859251.99	1.87E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
1907	495561.06, 3859251.99	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
1908	495611.06, 3859251.99	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.60E-10
1909	495661.06, 3859251.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.62E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1910	494311.06, 3859301.99	2.84E-06	8.95E-10	2.60E-10	2.80E-06	8.83E-10	2.57E-10	2.72E-06	8.58E-10	2.49E-10
1911	494361.06, 3859301.99	2.78E-06	8.79E-10	2.56E-10	2.75E-06	8.67E-10	2.52E-10	2.67E-06	8.42E-10	2.45E-10
1912	494411.06, 3859301.99	2.72E-06	8.58E-10	2.50E-10	2.68E-06	8.47E-10	2.46E-10	2.61E-06	8.23E-10	2.39E-10
1913	494461.06, 3859301.99	2.66E-06	8.38E-10	2.44E-10	2.62E-06	8.27E-10	2.41E-10	2.54E-06	8.03E-10	2.34E-10
1914	494511.06, 3859301.99	2.60E-06	8.20E-10	2.39E-10	2.57E-06	8.10E-10	2.35E-10	2.49E-06	7.86E-10	2.29E-10
1915	494561.06, 3859301.99	2.55E-06	8.06E-10	2.34E-10	2.52E-06	7.96E-10	2.31E-10	2.45E-06	7.73E-10	2.25E-10
1916	494611.06, 3859301.99	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.58E-10	2.20E-10
1917	494661.06, 3859301.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.65E-10	2.23E-10	2.36E-06	7.43E-10	2.16E-10
1918	494711.06, 3859301.99	2.40E-06	7.58E-10	2.20E-10	2.37E-06	7.48E-10	2.17E-10	2.30E-06	7.26E-10	2.11E-10
1919	494761.06, 3859301.99	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10
1920	494811.06, 3859301.99	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.10E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
1921	494861.06, 3859301.99	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
1922	494911.06, 3859301.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
1923	494961.06, 3859301.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
1924	495011.06, 3859301.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
1925	495061.06, 3859301.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
1926	495111.06, 3859301.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
1927	495161.06, 3859301.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
1928	495211.06, 3859301.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.75E-10
1929	495261.06, 3859301.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
1930	495311.06, 3859301.99	1.96E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
1931	495361.06, 3859301.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
1932	495411.06, 3859301.99	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1933	495461.06, 3859301.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1934	495511.06, 3859301.99	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
1935	495561.06, 3859301.99	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
1936	495611.06, 3859301.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.56E-10	1.62E-10
1937	495661.06, 3859301.99	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
1938	494311.06, 3859351.99	2.82E-06	8.90E-10	2.59E-10	2.78E-06	8.79E-10	2.56E-10	2.70E-06	8.53E-10	2.48E-10
1939	494361.06, 3859351.99	2.77E-06	8.74E-10	2.54E-10	2.73E-06	8.63E-10	2.51E-10	2.66E-06	8.38E-10	2.44E-10
1940	494411.06, 3859351.99	2.70E-06	8.53E-10	2.48E-10	2.67E-06	8.42E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
1941	494461.06, 3859351.99	2.64E-06	8.35E-10	2.43E-10	2.61E-06	8.24E-10	2.40E-10	2.53E-06	8.00E-10	2.33E-10
1942	494511.06, 3859351.99	2.59E-06	8.18E-10	2.38E-10	2.56E-06	8.07E-10	2.35E-10	2.48E-06	7.84E-10	2.28E-10
1943	494561.06, 3859351.99	2.55E-06	8.06E-10	2.34E-10	2.52E-06	7.95E-10	2.31E-10	2.45E-06	7.72E-10	2.25E-10
1944	494611.06, 3859351.99	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.81E-10	2.27E-10	2.40E-06	7.59E-10	2.21E-10
1945	494661.06, 3859351.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.44E-10	2.17E-10
1946	494711.06, 3859351.99	2.40E-06	7.58E-10	2.20E-10	2.37E-06	7.48E-10	2.18E-10	2.30E-06	7.26E-10	2.11E-10
1947	494761.06, 3859351.99	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1948	494811.06, 3859351.99	2.23E-06	7.03E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
1949	494861.06, 3859351.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
1950	494911.06, 3859351.99	2.16E-06	6.83E-10	1.99E-10	2.13E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
1951	494961.06, 3859351.99	2.12E-06	6.69E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
1952	495011.06, 3859351.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
1953	495061.06, 3859351.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
1954	495111.06, 3859351.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
1955	495161.06, 3859351.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.19E-10	1.80E-10
1956	495211.06, 3859351.99	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.13E-10	1.78E-10
1957	495261.06, 3859351.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
1958	495311.06, 3859351.99	1.99E-06	6.28E-10	1.83E-10	1.97E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
1959	495361.06, 3859351.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
1960	495411.06, 3859351.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
1961	495461.06, 3859351.99	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.73E-10
1962	495511.06, 3859351.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
1963	495561.06, 3859351.99	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1964	495611.06, 3859351.99	1.87E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
1965	495661.06, 3859351.99	1.84E-06	5.80E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.56E-10	1.62E-10
1966	494311.06, 3859401.99	2.82E-06	8.89E-10	2.59E-10	2.78E-06	8.77E-10	2.55E-10	2.70E-06	8.52E-10	2.48E-10
1967	494361.06, 3859401.99	2.75E-06	8.68E-10	2.53E-10	2.72E-06	8.57E-10	2.49E-10	2.64E-06	8.32E-10	2.42E-10

1968	494411.06, 3859401.99	2.68E-06	8.47E-10	2.46E-10	2.65E-06	8.36E-10	2.43E-10	2.57E-06	8.12E-10	2.36E-10
1969	494461.06, 3859401.99	2.63E-06	8.31E-10	2.42E-10	2.60E-06	8.20E-10	2.39E-10	2.52E-06	7.96E-10	2.32E-10
1970	494511.06, 3859401.99	2.60E-06	8.20E-10	2.39E-10	2.56E-06	8.09E-10	2.35E-10	2.49E-06	7.86E-10	2.29E-10
1971	494561.06, 3859401.99	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.97E-10	2.32E-10	2.45E-06	7.74E-10	2.25E-10
1972	494611.06, 3859401.99	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.81E-10	2.27E-10	2.40E-06	7.58E-10	2.21E-10
1973	494661.06, 3859401.99	2.47E-06	7.80E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
1974	494711.06, 3859401.99	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
1975	494761.06, 3859401.99	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10
1976	494811.06, 3859401.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.93E-10	2.01E-10
1977	494861.06, 3859401.99	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
1978	494911.06, 3859401.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.76E-10	1.96E-10	2.08E-06	6.56E-10	1.91E-10
1979	494961.06, 3859401.99	2.15E-06	6.77E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.06E-06	6.49E-10	1.89E-10
1980	495011.06, 3859401.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1981	495061.06, 3859401.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
1982	495111.06, 3859401.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
1983	495161.06, 3859401.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
1984	495211.06, 3859401.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
1985	495261.06, 3859401.99	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.36E-10	1.85E-10	1.96E-06	6.17E-10	1.80E-10
1986	495311.06, 3859401.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
1987	495361.06, 3859401.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1988	495411.06, 3859401.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
1989	495461.06, 3859401.99	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
1990	495511.06, 3859401.99	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1991	495561.06, 3859401.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
1992	495611.06, 3859401.99	1.88E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
1993	495661.06, 3859401.99	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.62E-10	1.63E-10
1994	494311.06, 3859451.99	2.78E-06	8.78E-10	2.56E-10	2.75E-06	8.67E-10	2.52E-10	2.67E-06	8.42E-10	2.45E-10
1995	494361.06, 3859451.99	2.73E-06	8.61E-10	2.50E-10	2.69E-06	8.49E-10	2.47E-10	2.61E-06	8.25E-10	2.40E-10
1996	494411.06, 3859451.99	2.65E-06	8.35E-10	2.43E-10	2.61E-06	8.25E-10	2.40E-10	2.54E-06	8.01E-10	2.33E-10
1997	494461.06, 3859451.99	2.62E-06	8.27E-10	2.40E-10	2.59E-06	8.16E-10	2.37E-10	2.51E-06	7.92E-10	2.30E-10
1998	494511.06, 3859451.99	2.57E-06	8.12E-10	2.36E-10	2.54E-06	8.01E-10	2.33E-10	2.47E-06	7.78E-10	2.26E-10
1999	494561.06, 3859451.99	2.53E-06	8.00E-10	2.33E-10	2.50E-06	7.89E-10	2.30E-10	2.43E-06	7.67E-10	2.23E-10
2000	494611.06, 3859451.99	2.51E-06	7.93E-10	2.31E-10	2.48E-06	7.82E-10	2.28E-10	2.41E-06	7.60E-10	2.21E-10
2001	494661.06, 3859451.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
2002	494711.06, 3859451.99	2.41E-06	7.61E-10	2.21E-10	2.38E-06	7.51E-10	2.19E-10	2.31E-06	7.30E-10	2.12E-10
2003	494761.06, 3859451.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
2004	494811.06, 3859451.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
2005	494861.06, 3859451.99	2.26E-06	7.12E-10	2.07E-10	2.23E-06	7.03E-10	2.04E-10	2.16E-06	6.83E-10	1.99E-10
2006	494911.06, 3859451.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2007	494961.06, 3859451.99	2.19E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.10E-06	6.64E-10	1.93E-10
2008	495011.06, 3859451.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
2009	495061.06, 3859451.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
2010	495111.06, 3859451.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
2011	495161.06, 3859451.99	2.10E-06	6.61E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2012	495211.06, 3859451.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2013	495261.06, 3859451.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2014	495311.06, 3859451.99	2.05E-06	6.48E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
2015	495361.06, 3859451.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.84E-10	1.95E-06	6.16E-10	1.79E-10
2016	495411.06, 3859451.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
2017	495461.06, 3859451.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
2018	495511.06, 3859451.99	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2019	495561.06, 3859451.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2020	495611.06, 3859451.99	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.72E-10	1.82E-06	5.76E-10	1.67E-10
2021	495661.06, 3859451.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
2022	494311.06, 3859501.99	2.76E-06	8.71E-10	2.53E-10	2.72E-06	8.59E-10	2.50E-10	2.64E-06	8.34E-10	2.43E-10
2023	494361.06, 3859501.99	2.70E-06	8.54E-10	2.48E-10	2.67E-06	8.42E-10	2.45E-10	2.59E-06	8.18E-10	2.38E-10
2024	494411.06, 3859501.99	2.61E-06	8.24E-10	2.40E-10	2.58E-06	8.14E-10	2.37E-10	2.50E-06	7.90E-10	2.30E-10
2025	494461.06, 3859501.99	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.13E-10	2.36E-10	2.50E-06	7.89E-10	2.30E-10
2026	494511.06, 3859501.99	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.97E-10	2.32E-10	2.45E-06	7.74E-10	2.25E-10
2027	494561.06, 3859501.99	2.52E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
2028	494611.06, 3859501.99	2.51E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
2029	494661.06, 3859501.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
2030	494711.06, 3859501.99	2.39E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.29E-06	7.24E-10	2.11E-10
2031	494761.06, 3859501.99	2.38E-06	7.52E-10	2.19E-10	2.35E-06	7.42E-10	2.16E-10	2.28E-06	7.20E-10	2.10E-10
2032	494811.06, 3859501.99	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
2033	494861.06, 3859501.99	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2034	494911.06, 3859501.99	2.24E-06	7.09E-10	2.06E-10	2.22E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.98E-10
2035	494961.06, 3859501.99	2.20E-06	6.95E-10	2.02E-10	2.17E-06	6.86E-10	2.00E-10	2.11E-06	6.66E-10	1.94E-10
2036	495011.06, 3859501.99	2.18E-06	6.89E-10	2.01E-10	2.16E-06	6.80E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
2037	495061.06, 3859501.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
2038	495111.06, 3859501.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2039	495161.06, 3859501.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
2040	495211.06, 3859501.99	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10

2041	495261.06, 3859501.99	2.09E-06	6.58E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2042	495311.06, 3859501.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
2043	495361.06, 3859501.99	2.05E-06	6.48E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
2044	495411.06, 3859501.99	2.04E-06	6.42E-10	1.87E-10	2.01E-06	6.34E-10	1.84E-10	1.95E-06	6.16E-10	1.79E-10
2045	495461.06, 3859501.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
2046	495511.06, 3859501.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2047	495561.06, 3859501.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2048	495611.06, 3859501.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.85E-06	5.83E-10	1.69E-10
2049	495661.06, 3859501.99	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
2050	494311.06, 3859551.99	2.73E-06	8.61E-10	2.50E-10	2.69E-06	8.49E-10	2.47E-10	2.61E-06	8.25E-10	2.40E-10
2051	494361.06, 3859551.99	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
2052	494411.06, 3859551.99	2.58E-06	8.13E-10	2.37E-10	2.54E-06	8.03E-10	2.33E-10	2.47E-06	7.79E-10	2.27E-10
2053	494461.06, 3859551.99	2.59E-06	8.16E-10	2.37E-10	2.55E-06	8.05E-10	2.34E-10	2.48E-06	7.82E-10	2.27E-10
2054	494511.06, 3859551.99	2.54E-06	8.01E-10	2.33E-10	2.51E-06	7.91E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
2055	494561.06, 3859551.99	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
2056	494611.06, 3859551.99	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
2057	494661.06, 3859551.99	2.45E-06	7.74E-10	2.25E-10	2.42E-06	7.64E-10	2.22E-10	2.35E-06	7.42E-10	2.16E-10
2058	494711.06, 3859551.99	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2059	494761.06, 3859551.99	2.37E-06	7.50E-10	2.18E-10	2.34E-06	7.40E-10	2.15E-10	2.28E-06	7.18E-10	2.09E-10
2060	494811.06, 3859551.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
2061	494861.06, 3859551.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
2062	494911.06, 3859551.99	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2063	494961.06, 3859551.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.96E-10
2064	495011.06, 3859551.99	2.21E-06	6.97E-10	2.03E-10	2.18E-06	6.88E-10	2.00E-10	2.12E-06	6.68E-10	1.94E-10
2065	495061.06, 3859551.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.98E-10	2.09E-06	6.60E-10	1.92E-10
2066	495111.06, 3859551.99	2.15E-06	6.77E-10	1.97E-10	2.12E-06	6.69E-10	1.94E-10	2.06E-06	6.49E-10	1.89E-10
2067	495161.06, 3859551.99	2.13E-06	6.73E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
2068	495211.06, 3859551.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2069	495261.06, 3859551.99	2.10E-06	6.62E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
2070	495311.06, 3859551.99	2.08E-06	6.56E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2071	495361.06, 3859551.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
2072	495411.06, 3859551.99	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
2073	495461.06, 3859551.99	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.27E-10	1.83E-10	1.93E-06	6.09E-10	1.77E-10
2074	495511.06, 3859551.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
2075	495561.06, 3859551.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
2076	495611.06, 3859551.99	1.94E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.86E-06	5.86E-10	1.70E-10
2077	495661.06, 3859551.99	1.91E-06	6.03E-10	1.75E-10	1.88E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2078	494311.06, 3859601.99	2.70E-06	8.52E-10	2.48E-10	2.66E-06	8.41E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
2079	494361.06, 3859601.99	2.61E-06	8.24E-10	2.40E-10	2.58E-06	8.13E-10	2.37E-10	2.50E-06	7.90E-10	2.30E-10
2080	494411.06, 3859601.99	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.97E-10	2.32E-10	2.45E-06	7.74E-10	2.25E-10
2081	494461.06, 3859601.99	2.56E-06	8.08E-10	2.35E-10	2.53E-06	7.98E-10	2.32E-10	2.46E-06	7.75E-10	2.25E-10
2082	494511.06, 3859601.99	2.50E-06	7.89E-10	2.30E-10	2.47E-06	7.79E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
2083	494561.06, 3859601.99	2.50E-06	7.88E-10	2.29E-10	2.46E-06	7.78E-10	2.26E-10	2.39E-06	7.55E-10	2.20E-10
2084	494611.06, 3859601.99	2.48E-06	7.82E-10	2.28E-10	2.45E-06	7.72E-10	2.25E-10	2.38E-06	7.50E-10	2.18E-10
2085	494661.06, 3859601.99	2.41E-06	7.62E-10	2.22E-10	2.38E-06	7.52E-10	2.19E-10	2.31E-06	7.30E-10	2.12E-10
2086	494711.06, 3859601.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
2087	494761.06, 3859601.99	2.38E-06	7.52E-10	2.19E-10	2.35E-06	7.42E-10	2.16E-10	2.28E-06	7.20E-10	2.10E-10
2088	494811.06, 3859601.99	2.32E-06	7.31E-10	2.13E-10	2.29E-06	7.22E-10	2.10E-10	2.22E-06	7.01E-10	2.04E-10
2089	494861.06, 3859601.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.14E-10	2.08E-10	2.20E-06	6.93E-10	2.02E-10
2090	494911.06, 3859601.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2091	494961.06, 3859601.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
2092	495011.06, 3859601.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10
2093	495061.06, 3859601.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
2094	495111.06, 3859601.99	2.15E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.06E-06	6.52E-10	1.90E-10
2095	495161.06, 3859601.99	2.14E-06	6.76E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
2096	495211.06, 3859601.99	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
2097	495261.06, 3859601.99	2.11E-06	6.65E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.85E-10
2098	495311.06, 3859601.99	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2099	495361.06, 3859601.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
2100	495411.06, 3859601.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
2101	495461.06, 3859601.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.93E-06	6.10E-10	1.78E-10
2102	495511.06, 3859601.99	1.98E-06	6.25E-10	1.82E-10	1.96E-06	6.17E-10	1.80E-10	1.90E-06	5.99E-10	1.74E-10
2103	495561.06, 3859601.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2104	495611.06, 3859601.99	1.93E-06	6.10E-10	1.78E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
2105	495661.06, 3859601.99	1.92E-06	6.06E-10	1.76E-10	1.89E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
2106	494311.06, 3859651.99	2.65E-06	8.35E-10	2.43E-10	2.61E-06	8.24E-10	2.40E-10	2.54E-06	8.00E-10	2.33E-10
2107	494361.06, 3859651.99	2.57E-06	8.11E-10	2.36E-10	2.53E-06	8.00E-10	2.33E-10	2.46E-06	7.77E-10	2.26E-10
2108	494411.06, 3859651.99	2.54E-06	8.01E-10	2.33E-10	2.50E-06	7.90E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
2109	494461.06, 3859651.99	2.54E-06	8.01E-10	2.33E-10	2.50E-06	7.91E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
2110	494511.06, 3859651.99	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
2111	494561.06, 3859651.99	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
2112	494611.06, 3859651.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
2113	494661.06, 3859651.99	2.39E-06	7.54E-10	2.19E-10	2.36E-06	7.44E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10

2114	494711.06, 3859651.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.08E-10
2115	494761.06, 3859651.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
2116	494811.06, 3859651.99	2.31E-06	7.30E-10	2.12E-10	2.28E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
2117	494861.06, 3859651.99	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
2118	494911.06, 3859651.99	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2119	494961.06, 3859651.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2120	495011.06, 3859651.99	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2121	495061.06, 3859651.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.94E-10
2122	495111.06, 3859651.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
2123	495161.06, 3859651.99	2.15E-06	6.79E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
2124	495211.06, 3859651.99	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
2125	495261.06, 3859651.99	2.11E-06	6.67E-10	1.94E-10	2.09E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2126	495311.06, 3859651.99	2.10E-06	6.61E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2127	495361.06, 3859651.99	2.08E-06	6.56E-10	1.91E-10	2.05E-06	6.48E-10	1.88E-10	1.99E-06	6.29E-10	1.83E-10
2128	495411.06, 3859651.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.23E-10	1.81E-10
2129	495461.06, 3859651.99	2.02E-06	6.38E-10	1.86E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2130	495511.06, 3859651.99	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
2131	495561.06, 3859651.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2132	495611.06, 3859651.99	1.95E-06	6.16E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
2133	495661.06, 3859651.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2134	494311.06, 3859701.99	2.55E-06	8.04E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
2135	494361.06, 3859701.99	2.51E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
2136	494411.06, 3859701.99	2.50E-06	7.89E-10	2.29E-10	2.47E-06	7.78E-10	2.26E-10	2.39E-06	7.56E-10	2.20E-10
2137	494461.06, 3859701.99	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.81E-10	2.27E-10	2.40E-06	7.59E-10	2.21E-10
2138	494511.06, 3859701.99	2.48E-06	7.83E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
2139	494561.06, 3859701.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
2140	494611.06, 3859701.99	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.60E-10	2.21E-10	2.34E-06	7.38E-10	2.15E-10
2141	494661.06, 3859701.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
2142	494711.06, 3859701.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.26E-06	7.15E-10	2.08E-10
2143	494761.06, 3859701.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10
2144	494811.06, 3859701.99	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
2145	494861.06, 3859701.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.13E-10	2.08E-10	2.20E-06	6.93E-10	2.02E-10
2146	494911.06, 3859701.99	2.26E-06	7.14E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.84E-10	1.99E-10
2147	494961.06, 3859701.99	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
2148	495011.06, 3859701.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2149	495061.06, 3859701.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2150	495111.06, 3859701.99	2.17E-06	6.86E-10	2.00E-10	2.15E-06	6.77E-10	1.97E-10	2.08E-06	6.58E-10	1.91E-10
2151	495161.06, 3859701.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
2152	495211.06, 3859701.99	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
2153	495261.06, 3859701.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2154	495311.06, 3859701.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
2155	495361.06, 3859701.99	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
2156	495411.06, 3859701.99	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.95E-06	6.17E-10	1.79E-10
2157	495461.06, 3859701.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
2158	495511.06, 3859701.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2159	495561.06, 3859701.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2160	495611.06, 3859701.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
2161	495661.06, 3859701.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2162	494311.06, 3859751.99	2.52E-06	7.97E-10	2.32E-10	2.49E-06	7.87E-10	2.29E-10	2.42E-06	7.64E-10	2.22E-10
2163	494361.06, 3859751.99	2.50E-06	7.89E-10	2.29E-10	2.47E-06	7.78E-10	2.26E-10	2.40E-06	7.56E-10	2.20E-10
2164	494411.06, 3859751.99	2.47E-06	7.79E-10	2.26E-10	2.43E-06	7.68E-10	2.24E-10	2.36E-06	7.46E-10	2.17E-10
2165	494461.06, 3859751.99	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
2166	494511.06, 3859751.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
2167	494561.06, 3859751.99	2.43E-06	7.68E-10	2.24E-10	2.40E-06	7.58E-10	2.21E-10	2.33E-06	7.36E-10	2.14E-10
2168	494611.06, 3859751.99	2.40E-06	7.58E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
2169	494661.06, 3859751.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
2170	494711.06, 3859751.99	2.35E-06	7.40E-10	2.15E-10	2.31E-06	7.31E-10	2.13E-10	2.25E-06	7.09E-10	2.06E-10
2171	494761.06, 3859751.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
2172	494811.06, 3859751.99	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.96E-10	2.02E-10
2173	494861.06, 3859751.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.01E-10
2174	494911.06, 3859751.99	2.26E-06	7.13E-10	2.07E-10	2.23E-06	7.03E-10	2.05E-10	2.16E-06	6.83E-10	1.99E-10
2175	494961.06, 3859751.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
2176	495011.06, 3859751.99	2.21E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2177	495061.06, 3859751.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2178	495111.06, 3859751.99	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.78E-10	1.97E-10	2.09E-06	6.58E-10	1.91E-10
2179	495161.06, 3859751.99	2.15E-06	6.79E-10	1.98E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.51E-10	1.89E-10
2180	495211.06, 3859751.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2181	495261.06, 3859751.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
2182	495311.06, 3859751.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2183	495361.06, 3859751.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
2184	495411.06, 3859751.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
2185	495461.06, 3859751.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
2186	495511.06, 3859751.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.90E-06	6.01E-10	1.75E-10

2187	495561.06, 3859751.99	1.97E-06	6.21E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
2188	495611.06, 3859751.99	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
2189	495661.06, 3859751.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2190	494311.06, 3859801.99	2.50E-06	7.88E-10	2.29E-10	2.46E-06	7.78E-10	2.26E-10	2.39E-06	7.55E-10	2.20E-10
2191	494361.06, 3859801.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
2192	494411.06, 3859801.99	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
2193	494461.06, 3859801.99	2.42E-06	7.65E-10	2.23E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
2194	494511.06, 3859801.99	2.43E-06	7.65E-10	2.23E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
2195	494561.06, 3859801.99	2.40E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
2196	494611.06, 3859801.99	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2197	494661.06, 3859801.99	2.34E-06	7.37E-10	2.14E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2198	494711.06, 3859801.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
2199	494761.06, 3859801.99	2.31E-06	7.28E-10	2.12E-10	2.27E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
2200	494811.06, 3859801.99	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
2201	494861.06, 3859801.99	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2202	494911.06, 3859801.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
2203	494961.06, 3859801.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2204	495011.06, 3859801.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10
2205	495061.06, 3859801.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2206	495111.06, 3859801.99	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
2207	495161.06, 3859801.99	2.13E-06	6.73E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
2208	495211.06, 3859801.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2209	495261.06, 3859801.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.52E-10	1.90E-10	2.00E-06	6.33E-10	1.84E-10
2210	495311.06, 3859801.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2211	495361.06, 3859801.99	2.05E-06	6.48E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
2212	495411.06, 3859801.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
2213	495461.06, 3859801.99	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
2214	495511.06, 3859801.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
2215	495561.06, 3859801.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2216	495611.06, 3859801.99	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2217	495661.06, 3859801.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2218	494311.06, 3859851.99	2.45E-06	7.74E-10	2.25E-10	2.42E-06	7.64E-10	2.22E-10	2.35E-06	7.42E-10	2.16E-10
2219	494361.06, 3859851.99	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
2220	494411.06, 3859851.99	2.40E-06	7.57E-10	2.20E-10	2.37E-06	7.47E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
2221	494461.06, 3859851.99	2.38E-06	7.50E-10	2.18E-10	2.34E-06	7.40E-10	2.15E-10	2.28E-06	7.19E-10	2.09E-10
2222	494511.06, 3859851.99	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.16E-10	2.08E-10
2223	494561.06, 3859851.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.26E-06	7.15E-10	2.08E-10
2224	494611.06, 3859851.99	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.23E-06	7.02E-10	2.04E-10
2225	494661.06, 3859851.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.20E-10	2.09E-10	2.21E-06	6.99E-10	2.03E-10
2226	494711.06, 3859851.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.07E-10	2.18E-06	6.89E-10	2.01E-10
2227	494761.06, 3859851.99	2.28E-06	7.18E-10	2.09E-10	2.25E-06	7.09E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
2228	494811.06, 3859851.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2229	494861.06, 3859851.99	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2230	494911.06, 3859851.99	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2231	494961.06, 3859851.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2232	495011.06, 3859851.99	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2233	495061.06, 3859851.99	2.16E-06	6.82E-10	1.99E-10	2.13E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
2234	495111.06, 3859851.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
2235	495161.06, 3859851.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2236	495211.06, 3859851.99	2.10E-06	6.62E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
2237	495261.06, 3859851.99	2.08E-06	6.56E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.29E-10	1.83E-10
2238	495311.06, 3859851.99	2.06E-06	6.51E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.98E-06	6.24E-10	1.81E-10
2239	495361.06, 3859851.99	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
2240	495411.06, 3859851.99	2.02E-06	6.38E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2241	495461.06, 3859851.99	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.92E-06	6.04E-10	1.76E-10
2242	495511.06, 3859851.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2243	495561.06, 3859851.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
2244	495611.06, 3859851.99	1.94E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
2245	495661.06, 3859851.99	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
2246	494311.06, 3859901.99	2.41E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.31E-06	7.28E-10	2.12E-10
2247	494361.06, 3859901.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
2248	494411.06, 3859901.99	2.36E-06	7.44E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.13E-10	2.08E-10
2249	494461.06, 3859901.99	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2250	494511.06, 3859901.99	2.32E-06	7.34E-10	2.13E-10	2.29E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.05E-10
2251	494561.06, 3859901.99	2.32E-06	7.34E-10	2.13E-10	2.29E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.05E-10
2252	494611.06, 3859901.99	2.29E-06	7.21E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
2253	494661.06, 3859901.99	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
2254	494711.06, 3859901.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2255	494761.06, 3859901.99	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
2256	494811.06, 3859901.99	2.23E-06	7.03E-10	2.04E-10	2.20E-06	6.93E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10
2257	494861.06, 3859901.99	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.95E-10
2258	494911.06, 3859901.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
2259	494961.06, 3859901.99	2.17E-06	6.86E-10	2.00E-10	2.15E-06	6.77E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10

2260	495011.06, 3859901.99	2.15E-06	6.80E-10	1.98E-10	2.12E-06	6.71E-10	1.95E-10	2.06E-06	6.51E-10	1.89E-10
2261	495061.06, 3859901.99	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
2262	495111.06, 3859901.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2263	495161.06, 3859901.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
2264	495211.06, 3859901.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2265	495261.06, 3859901.99	2.05E-06	6.48E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
2266	495311.06, 3859901.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.95E-06	6.17E-10	1.79E-10
2267	495361.06, 3859901.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2268	495411.06, 3859901.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
2269	495461.06, 3859901.99	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
2270	495511.06, 3859901.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2271	495561.06, 3859901.99	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.71E-10
2272	495611.06, 3859901.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2273	495661.06, 3859901.99	1.91E-06	6.01E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
2274	494311.06, 3859951.99	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2275	494361.06, 3859951.99	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2276	494411.06, 3859951.99	2.32E-06	7.31E-10	2.13E-10	2.29E-06	7.21E-10	2.10E-10	2.22E-06	7.01E-10	2.04E-10
2277	494461.06, 3859951.99	2.30E-06	7.25E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
2278	494511.06, 3859951.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
2279	494561.06, 3859951.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
2280	494611.06, 3859951.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2281	494661.06, 3859951.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
2282	494711.06, 3859951.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2283	494761.06, 3859951.99	2.20E-06	6.96E-10	2.02E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
2284	494811.06, 3859951.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
2285	494861.06, 3859951.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2286	494911.06, 3859951.99	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.53E-10	1.90E-10
2287	494961.06, 3859951.99	2.14E-06	6.74E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.46E-10	1.88E-10
2288	495011.06, 3859951.99	2.12E-06	6.69E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
2289	495061.06, 3859951.99	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10
2290	495111.06, 3859951.99	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
2291	495161.06, 3859951.99	2.06E-06	6.51E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.98E-06	6.24E-10	1.81E-10
2292	495211.06, 3859951.99	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.36E-10	1.85E-10	1.96E-06	6.17E-10	1.80E-10
2293	495261.06, 3859951.99	2.02E-06	6.39E-10	1.86E-10	2.00E-06	6.31E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10
2294	495311.06, 3859951.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
2295	495361.06, 3859951.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
2296	495411.06, 3859951.99	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
2297	495461.06, 3859951.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
2298	495511.06, 3859951.99	1.94E-06	6.12E-10	1.78E-10	1.92E-06	6.04E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
2299	495561.06, 3859951.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2300	495611.06, 3859951.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2301	495661.06, 3859951.99	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.88E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10
2302	494311.06, 3860001.99	2.31E-06	7.30E-10	2.12E-10	2.28E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
2303	494361.06, 3860001.99	2.30E-06	7.25E-10	2.11E-10	2.27E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
2304	494411.06, 3860001.99	2.27E-06	7.17E-10	2.08E-10	2.24E-06	7.07E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
2305	494461.06, 3860001.99	2.26E-06	7.12E-10	2.07E-10	2.23E-06	7.03E-10	2.05E-10	2.16E-06	6.83E-10	1.99E-10
2306	494511.06, 3860001.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
2307	494561.06, 3860001.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
2308	494611.06, 3860001.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.96E-10
2309	494661.06, 3860001.99	2.21E-06	6.97E-10	2.03E-10	2.18E-06	6.88E-10	2.00E-10	2.12E-06	6.68E-10	1.94E-10
2310	494711.06, 3860001.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
2311	494761.06, 3860001.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.56E-10	1.91E-10
2312	494811.06, 3860001.99	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
2313	494861.06, 3860001.99	2.15E-06	6.77E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.06E-06	6.49E-10	1.89E-10
2314	494911.06, 3860001.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2315	494961.06, 3860001.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
2316	495011.06, 3860001.99	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.48E-10	1.89E-10	1.99E-06	6.30E-10	1.83E-10
2317	495061.06, 3860001.99	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
2318	495111.06, 3860001.99	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.20E-10	1.80E-10
2319	495161.06, 3860001.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.33E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
2320	495211.06, 3860001.99	2.02E-06	6.38E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2321	495261.06, 3860001.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
2322	495311.06, 3860001.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
2323	495361.06, 3860001.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2324	495411.06, 3860001.99	1.96E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2325	495461.06, 3860001.99	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
2326	495511.06, 3860001.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2327	495561.06, 3860001.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2328	495611.06, 3860001.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
2329	495661.06, 3860001.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.79E-06	5.67E-10	1.65E-10
2330	494411.06, 3860051.99	2.23E-06	7.04E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
2331	494461.06, 3860051.99	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.95E-10
2332	494511.06, 3860051.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.10E-06	6.64E-10	1.93E-10

2333	494561.06, 3860051.99	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
2334	494611.06, 3860051.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2335	494661.06, 3860051.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
2336	494711.06, 3860051.99	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
2337	494761.06, 3860051.99	2.13E-06	6.72E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
2338	494811.06, 3860051.99	2.12E-06	6.70E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
2339	494861.06, 3860051.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2340	494911.06, 3860051.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.52E-10	1.90E-10	2.00E-06	6.33E-10	1.84E-10
2341	494961.06, 3860051.99	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
2342	495011.06, 3860051.99	2.05E-06	6.48E-10	1.88E-10	2.03E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
2343	495061.06, 3860051.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.84E-10	1.95E-06	6.16E-10	1.79E-10
2344	495111.06, 3860051.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
2345	495161.06, 3860051.99	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
2346	495211.06, 3860051.99	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.74E-10
2347	495261.06, 3860051.99	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.89E-06	5.96E-10	1.73E-10
2348	495311.06, 3860051.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
2349	495361.06, 3860051.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
2350	495411.06, 3860051.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2351	495461.06, 3860051.99	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
2352	495511.06, 3860051.99	1.90E-06	6.00E-10	1.74E-10	1.88E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
2353	495561.06, 3860051.99	1.89E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
2354	495611.06, 3860051.99	1.87E-06	5.90E-10	1.72E-10	1.85E-06	5.83E-10	1.69E-10	1.79E-06	5.66E-10	1.65E-10
2355	495661.06, 3860051.99	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.60E-10	1.63E-10
2356	494411.06, 3860101.99	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.78E-10	1.97E-10	2.08E-06	6.58E-10	1.91E-10
2357	494461.06, 3860101.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.76E-10	1.96E-10	2.08E-06	6.56E-10	1.91E-10
2358	494511.06, 3860101.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
2359	494561.06, 3860101.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
2360	494611.06, 3860101.99	2.13E-06	6.73E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
2361	494661.06, 3860101.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.41E-10	1.87E-10
2362	494711.06, 3860101.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.36E-10	1.85E-10
2363	494761.06, 3860101.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
2364	494811.06, 3860101.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2365	494861.06, 3860101.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
2366	494911.06, 3860101.99	2.05E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
2367	494961.06, 3860101.99	2.03E-06	6.41E-10	1.87E-10	2.01E-06	6.33E-10	1.84E-10	1.95E-06	6.15E-10	1.79E-10
2368	495011.06, 3860101.99	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.09E-10	1.77E-10
2369	495061.06, 3860101.99	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
2370	495111.06, 3860101.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
2371	495161.06, 3860101.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.89E-06	5.95E-10	1.73E-10
2372	495211.06, 3860101.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2373	495261.06, 3860101.99	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
2374	495311.06, 3860101.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2375	495361.06, 3860101.99	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
2376	495411.06, 3860101.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
2377	495461.06, 3860101.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
2378	495511.06, 3860101.99	1.87E-06	5.90E-10	1.72E-10	1.85E-06	5.83E-10	1.69E-10	1.79E-06	5.66E-10	1.65E-10
2379	495561.06, 3860101.99	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
2380	495611.06, 3860101.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
2381	495661.06, 3860101.99	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
2382	494861.06, 3860151.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
2383	494911.06, 3860151.99	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
2384	494961.06, 3860151.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.20E-10	1.80E-10	1.91E-06	6.03E-10	1.75E-10
2385	495011.06, 3860151.99	1.98E-06	6.24E-10	1.81E-10	1.95E-06	6.16E-10	1.79E-10	1.89E-06	5.98E-10	1.74E-10
2386	495061.06, 3860151.99	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.73E-10
2387	495111.06, 3860151.99	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
2388	495161.06, 3860151.99	1.93E-06	6.10E-10	1.78E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
2389	495211.06, 3860151.99	1.92E-06	6.06E-10	1.76E-10	1.89E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
2390	495261.06, 3860151.99	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.77E-10	1.68E-10
2391	495311.06, 3860151.99	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
2392	495361.06, 3860151.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.71E-10	1.80E-06	5.69E-10	1.66E-10
2393	495411.06, 3860151.99	1.87E-06	5.90E-10	1.72E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
2394	495461.06, 3860151.99	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.62E-10	1.63E-10
2395	495511.06, 3860151.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.57E-10	1.62E-10
2396	495561.06, 3860151.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
2397	495611.06, 3860151.99	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
2398	495661.06, 3860151.99	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
2399	495718.25, 3859442.96	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
2400	495818.25, 3859442.96	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
2401	495918.25, 3859442.96	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
2402	496018.25, 3859442.96	1.73E-06	5.45E-10	1.59E-10	1.70E-06	5.38E-10	1.56E-10	1.66E-06	5.22E-10	1.52E-10
2403	496118.25, 3859442.96	1.74E-06	5.48E-10	1.60E-10	1.71E-06	5.41E-10	1.57E-10	1.67E-06	5.26E-10	1.53E-10
2404	496218.25, 3859442.96	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
2405	496318.25, 3859442.96	1.71E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.18E-10	1.51E-10

2406	496418.25, 3859442.96	1.68E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.61E-06	5.09E-10	1.48E-10
2407	495718.25, 3859542.96	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
2408	495818.25, 3859542.96	1.84E-06	5.82E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.57E-10	1.62E-10
2409	495918.25, 3859542.96	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
2410	496018.25, 3859542.96	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
2411	496118.25, 3859542.96	1.77E-06	5.58E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
2412	496218.25, 3859542.96	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
2413	496318.25, 3859542.96	1.75E-06	5.52E-10	1.60E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
2414	496418.25, 3859542.96	1.71E-06	5.40E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
2415	495718.25, 3859642.96	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
2416	495818.25, 3859642.96	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.76E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
2417	495918.25, 3859642.96	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
2418	496018.25, 3859642.96	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.55E-10	1.62E-10	1.71E-06	5.39E-10	1.57E-10
2419	496118.25, 3859642.96	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
2420	496218.25, 3859642.96	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
2421	496318.25, 3859642.96	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
2422	496418.25, 3859642.96	1.66E-06	5.25E-10	1.53E-10	1.64E-06	5.18E-10	1.51E-10	1.59E-06	5.03E-10	1.46E-10
2423	495718.25, 3859742.96	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2424	495818.25, 3859742.96	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
2425	495918.25, 3859742.96	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
2426	496018.25, 3859742.96	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.57E-10	1.62E-10	1.71E-06	5.41E-10	1.57E-10
2427	496118.25, 3859742.96	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
2428	496218.25, 3859742.96	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
2429	496318.25, 3859742.96	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10
2430	496418.25, 3859742.96	1.65E-06	5.22E-10	1.52E-10	1.63E-06	5.15E-10	1.50E-10	1.58E-06	5.00E-10	1.45E-10
2431	495718.25, 3859842.96	1.90E-06	6.00E-10	1.75E-10	1.88E-06	5.93E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
2432	495818.25, 3859842.96	1.87E-06	5.89E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
2433	495918.25, 3859842.96	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
2434	496018.25, 3859842.96	1.81E-06	5.70E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
2435	496118.25, 3859842.96	1.82E-06	5.74E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
2436	496218.25, 3859842.96	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.59E-10	1.68E-06	5.29E-10	1.54E-10
2437	496318.25, 3859842.96	1.62E-06	5.11E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.90E-10	1.43E-10
2438	496418.25, 3859842.96	1.53E-06	4.84E-10	1.41E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10
2439	495718.25, 3859942.96	1.88E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
2440	495818.25, 3859942.96	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
2441	495918.25, 3859942.96	1.81E-06	5.73E-10	1.67E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.49E-10	1.60E-10
2442	496018.25, 3859942.96	1.81E-06	5.71E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
2443	496118.25, 3859942.96	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
2444	496218.25, 3859942.96	1.68E-06	5.30E-10	1.54E-10	1.66E-06	5.23E-10	1.52E-10	1.61E-06	5.08E-10	1.48E-10
2445	496318.25, 3859942.96	1.59E-06	5.03E-10	1.46E-10	1.57E-06	4.97E-10	1.44E-10	1.53E-06	4.82E-10	1.40E-10
2446	496418.25, 3859942.96	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.61E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
2447	496856.82, 3858864.83	1.35E-06	4.26E-10	1.24E-10	1.33E-06	4.20E-10	1.22E-10	1.29E-06	4.08E-10	1.19E-10
2448	496956.82, 3858864.83	1.32E-06	4.17E-10	1.21E-10	1.30E-06	4.11E-10	1.20E-10	1.27E-06	3.99E-10	1.16E-10
2449	497056.82, 3858864.83	1.29E-06	4.08E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.91E-10	1.14E-10
2450	497156.82, 3858864.83	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.92E-10	1.14E-10	1.21E-06	3.81E-10	1.11E-10
2451	497256.82, 3858864.83	1.25E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.77E-10	1.10E-10
2452	496856.82, 3858964.83	1.38E-06	4.36E-10	1.27E-10	1.36E-06	4.30E-10	1.25E-10	1.32E-06	4.18E-10	1.22E-10
2453	496956.82, 3858964.83	1.34E-06	4.23E-10	1.23E-10	1.32E-06	4.18E-10	1.21E-10	1.28E-06	4.06E-10	1.18E-10
2454	497056.82, 3858964.83	1.31E-06	4.13E-10	1.20E-10	1.29E-06	4.08E-10	1.19E-10	1.26E-06	3.96E-10	1.15E-10
2455	497156.82, 3858964.83	1.28E-06	4.04E-10	1.17E-10	1.26E-06	3.98E-10	1.16E-10	1.23E-06	3.87E-10	1.13E-10
2456	497256.82, 3858964.83	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.00E-10	1.16E-10	1.23E-06	3.89E-10	1.13E-10
2457	496856.82, 3859064.83	1.39E-06	4.39E-10	1.28E-10	1.37E-06	4.34E-10	1.26E-10	1.33E-06	4.21E-10	1.23E-10
2458	496956.82, 3859064.83	1.36E-06	4.29E-10	1.25E-10	1.34E-06	4.23E-10	1.23E-10	1.30E-06	4.11E-10	1.19E-10
2459	497056.82, 3859064.83	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.14E-10	1.20E-10	1.27E-06	4.02E-10	1.17E-10
2460	497156.82, 3859064.83	1.30E-06	4.12E-10	1.20E-10	1.29E-06	4.06E-10	1.18E-10	1.25E-06	3.95E-10	1.15E-10
2461	497256.82, 3859064.83	1.32E-06	4.18E-10	1.22E-10	1.31E-06	4.13E-10	1.20E-10	1.27E-06	4.01E-10	1.17E-10
2462	496856.82, 3859164.83	1.39E-06	4.38E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.20E-10	1.22E-10
2463	496956.82, 3859164.83	1.35E-06	4.27E-10	1.24E-10	1.33E-06	4.21E-10	1.22E-10	1.30E-06	4.09E-10	1.19E-10
2464	497056.82, 3859164.83	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
2465	497156.82, 3859164.83	1.34E-06	4.22E-10	1.23E-10	1.32E-06	4.17E-10	1.21E-10	1.28E-06	4.04E-10	1.18E-10
2466	497256.82, 3859164.83	1.37E-06	4.31E-10	1.25E-10	1.35E-06	4.26E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
2467	496856.82, 3859264.83	1.38E-06	4.34E-10	1.26E-10	1.36E-06	4.29E-10	1.25E-10	1.32E-06	4.16E-10	1.21E-10
2468	496956.82, 3859264.83	1.36E-06	4.31E-10	1.25E-10	1.35E-06	4.25E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
2469	497056.82, 3859264.83	1.37E-06	4.33E-10	1.26E-10	1.35E-06	4.27E-10	1.24E-10	1.31E-06	4.15E-10	1.21E-10
2470	497156.82, 3859264.83	1.37E-06	4.33E-10	1.26E-10	1.35E-06	4.28E-10	1.24E-10	1.32E-06	4.15E-10	1.21E-10
2471	497256.82, 3859264.83	1.40E-06	4.40E-10	1.28E-10	1.38E-06	4.35E-10	1.26E-10	1.34E-06	4.22E-10	1.23E-10
2472	497088.92, 3858620.93	1.21E-06	3.83E-10	1.11E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
2473	497138.92, 3858620.93	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
2474	497188.92, 3858620.93	1.19E-06	3.76E-10	1.09E-10	1.18E-06	3.71E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
2475	497238.92, 3858620.93	1.18E-06	3.73E-10	1.08E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
2476	497088.92, 3858670.93	1.21E-06	3.82E-10	1.11E-10	1.20E-06	3.77E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
2477	497138.92, 3858670.93	1.21E-06	3.83E-10	1.11E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
2478	497188.92, 3858670.93	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.09E-10	1.15E-06	3.62E-10	1.05E-10

2479	497238.92, 3858670.93	1.19E-06	3.76E-10	1.09E-10	1.18E-06	3.71E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
2480	497088.92, 3858720.93	1.24E-06	3.91E-10	1.14E-10	1.22E-06	3.86E-10	1.12E-10	1.19E-06	3.75E-10	1.09E-10
2481	497138.92, 3858720.93	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
2482	497188.92, 3858720.93	1.19E-06	3.77E-10	1.10E-10	1.18E-06	3.72E-10	1.08E-10	1.14E-06	3.61E-10	1.05E-10
2483	497238.92, 3858720.93	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
2484	497088.92, 3858770.93	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.87E-10	1.13E-10	1.19E-06	3.76E-10	1.09E-10
2485	497138.92, 3858770.93	1.23E-06	3.87E-10	1.13E-10	1.21E-06	3.82E-10	1.11E-10	1.18E-06	3.71E-10	1.08E-10
2486	497188.92, 3858770.93	1.22E-06	3.83E-10	1.12E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.68E-10	1.07E-10
2487	497238.92, 3858770.93	1.22E-06	3.84E-10	1.12E-10	1.20E-06	3.79E-10	1.10E-10	1.17E-06	3.68E-10	1.07E-10
2488	497396.65, 3858622.63	1.22E-06	3.84E-10	1.12E-10	1.20E-06	3.79E-10	1.10E-10	1.17E-06	3.68E-10	1.07E-10
2489	497496.65, 3858622.63	1.24E-06	3.90E-10	1.13E-10	1.22E-06	3.85E-10	1.12E-10	1.18E-06	3.74E-10	1.09E-10
2490	497596.65, 3858622.63	1.28E-06	4.04E-10	1.17E-10	1.26E-06	3.99E-10	1.16E-10	1.23E-06	3.87E-10	1.13E-10
2491	497696.65, 3858622.63	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.01E-10	1.17E-10	1.23E-06	3.89E-10	1.13E-10
2492	497796.65, 3858622.63	1.31E-06	4.14E-10	1.20E-10	1.29E-06	4.08E-10	1.19E-10	1.26E-06	3.97E-10	1.15E-10
2493	497896.65, 3858622.63	1.34E-06	4.22E-10	1.23E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.18E-10
2494	497396.65, 3858722.63	1.25E-06	3.95E-10	1.15E-10	1.23E-06	3.90E-10	1.13E-10	1.20E-06	3.78E-10	1.10E-10
2495	497496.65, 3858722.63	1.27E-06	4.01E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
2496	497596.65, 3858722.63	1.31E-06	4.15E-10	1.21E-10	1.30E-06	4.10E-10	1.19E-10	1.26E-06	3.98E-10	1.16E-10
2497	497696.65, 3858722.63	1.34E-06	4.22E-10	1.23E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.18E-10
2498	497796.65, 3858722.63	1.34E-06	4.24E-10	1.23E-10	1.32E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
2499	497896.65, 3858722.63	1.36E-06	4.29E-10	1.25E-10	1.34E-06	4.23E-10	1.23E-10	1.30E-06	4.11E-10	1.20E-10
2500	497396.65, 3858822.63	1.27E-06	4.01E-10	1.17E-10	1.25E-06	3.96E-10	1.15E-10	1.22E-06	3.84E-10	1.12E-10
2501	497496.65, 3858822.63	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.01E-10	1.17E-10	1.23E-06	3.89E-10	1.13E-10
2502	497596.65, 3858822.63	1.34E-06	4.24E-10	1.23E-10	1.33E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
2503	497696.65, 3858822.63	1.35E-06	4.27E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
2504	497796.65, 3858822.63	1.36E-06	4.30E-10	1.25E-10	1.35E-06	4.25E-10	1.23E-10	1.31E-06	4.12E-10	1.20E-10
2505	497896.65, 3858822.63	1.40E-06	4.41E-10	1.28E-10	1.38E-06	4.35E-10	1.27E-10	1.34E-06	4.23E-10	1.23E-10
2506	497396.65, 3858922.63	1.29E-06	4.07E-10	1.18E-10	1.27E-06	4.02E-10	1.17E-10	1.24E-06	3.90E-10	1.14E-10
2507	497496.65, 3858922.63	1.34E-06	4.21E-10	1.23E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
2508	497596.65, 3858922.63	1.33E-06	4.19E-10	1.22E-10	1.31E-06	4.13E-10	1.20E-10	1.27E-06	4.01E-10	1.17E-10
2509	497696.65, 3858922.63	1.38E-06	4.37E-10	1.27E-10	1.37E-06	4.31E-10	1.25E-10	1.33E-06	4.19E-10	1.22E-10
2510	497796.65, 3858922.63	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
2511	497896.65, 3858922.63	1.46E-06	4.59E-10	1.34E-10	1.44E-06	4.53E-10	1.32E-10	1.40E-06	4.40E-10	1.28E-10
2512	497364.44, 3858201.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
2513	497414.44, 3858201.52	1.16E-06	3.67E-10	1.07E-10	1.15E-06	3.62E-10	1.05E-10	1.11E-06	3.52E-10	1.02E-10
2514	497464.44, 3858201.52	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2515	497514.44, 3858201.52	1.17E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2516	497564.44, 3858201.52	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.61E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
2517	497614.44, 3858201.52	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
2518	497364.44, 3858251.52	1.17E-06	3.70E-10	1.08E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.55E-10	1.03E-10
2519	497414.44, 3858251.52	1.19E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.14E-06	3.58E-10	1.04E-10
2520	497464.44, 3858251.52	1.17E-06	3.70E-10	1.07E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.54E-10	1.03E-10
2521	497514.44, 3858251.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
2522	497564.44, 3858251.52	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
2523	497614.44, 3858251.52	1.14E-06	3.60E-10	1.05E-10	1.12E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
2524	497364.44, 3858301.52	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
2525	497414.44, 3858301.52	1.18E-06	3.73E-10	1.09E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
2526	497464.44, 3858301.52	1.17E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2527	497514.44, 3858301.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.01E-10
2528	497564.44, 3858301.52	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
2529	497614.44, 3858301.52	1.13E-06	3.56E-10	1.04E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.41E-10	9.93E-11
2530	497364.44, 3858351.52	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.14E-06	3.58E-10	1.04E-10
2531	497414.44, 3858351.52	1.17E-06	3.70E-10	1.08E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.55E-10	1.03E-10
2532	497464.44, 3858351.52	1.16E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.52E-10	1.02E-10
2533	497514.44, 3858351.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
2534	497564.44, 3858351.52	1.13E-06	3.58E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.97E-11
2535	497614.44, 3858351.52	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.41E-10	9.91E-11
2536	497364.44, 3858401.52	1.17E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.06E-10	1.13E-06	3.55E-10	1.03E-10
2537	497414.44, 3858401.52	1.17E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2538	497464.44, 3858401.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
2539	497514.44, 3858401.52	1.14E-06	3.61E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.46E-10	1.01E-10
2540	497564.44, 3858401.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.04E-10	1.10E-06	3.49E-10	1.01E-10
2541	497614.44, 3858401.52	1.16E-06	3.67E-10	1.07E-10	1.15E-06	3.62E-10	1.05E-10	1.11E-06	3.52E-10	1.02E-10
2542	493478.11, 3860497.94	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
2543	493528.11, 3860497.94	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2544	493478.11, 3860547.94	1.88E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
2545	493528.11, 3860547.94	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
2546	493478.11, 3860597.94	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
2547	493528.11, 3860597.94	1.82E-06	5.74E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
2548	493561.88, 3860524.64	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
2549	493591.88, 3860524.64	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.89E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10
2550	493561.88, 3860554.64	1.86E-06	5.87E-10	1.71E-10	1.83E-06	5.79E-10	1.68E-10	1.78E-06	5.62E-10	1.64E-10
2551	493591.88, 3860554.64	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10

2552	492880.5, 3860293.11	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2553	492930.5, 3860293.11	2.35E-06	7.41E-10	2.16E-10	2.32E-06	7.31E-10	2.13E-10	2.25E-06	7.10E-10	2.07E-10
2554	492980.5, 3860293.11	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2555	493030.5, 3860293.11	2.33E-06	7.36E-10	2.14E-10	2.30E-06	7.27E-10	2.11E-10	2.24E-06	7.06E-10	2.05E-10
2556	493080.5, 3860293.11	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.24E-10	2.10E-10	2.23E-06	7.03E-10	2.04E-10
2557	493130.5, 3860293.11	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
2558	493180.5, 3860293.11	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
2559	493230.5, 3860293.11	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
2560	493280.5, 3860293.11	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2561	493330.5, 3860293.11	2.25E-06	7.12E-10	2.07E-10	2.23E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2562	493380.5, 3860293.11	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2563	492880.5, 3860343.11	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
2564	492930.5, 3860343.11	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.86E-10	1.99E-10
2565	492980.5, 3860343.11	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.86E-10	1.99E-10
2566	493030.5, 3860343.11	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2567	493080.5, 3860343.11	2.25E-06	7.10E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
2568	493130.5, 3860343.11	2.23E-06	7.05E-10	2.05E-10	2.20E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
2569	493180.5, 3860343.11	2.21E-06	6.99E-10	2.03E-10	2.18E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2570	493230.5, 3860343.11	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.94E-10
2571	493280.5, 3860343.11	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
2572	493330.5, 3860343.11	2.18E-06	6.89E-10	2.00E-10	2.16E-06	6.80E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
2573	493380.5, 3860343.11	2.17E-06	6.86E-10	1.99E-10	2.14E-06	6.77E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
2574	492880.5, 3860393.11	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2575	492930.5, 3860393.11	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
2576	492980.5, 3860393.11	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.62E-10	1.92E-10
2577	493030.5, 3860393.11	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2578	493080.5, 3860393.11	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.78E-10	1.97E-10	2.09E-06	6.58E-10	1.91E-10
2579	493130.5, 3860393.11	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
2580	493180.5, 3860393.11	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.88E-10
2581	493230.5, 3860393.11	2.13E-06	6.72E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
2582	493280.5, 3860393.11	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.04E-06	6.42E-10	1.87E-10
2583	493330.5, 3860393.11	2.11E-06	6.67E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2584	493380.5, 3860393.11	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10
2585	492880.5, 3860443.11	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2586	492930.5, 3860443.11	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2587	492980.5, 3860443.11	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2588	493030.5, 3860443.11	2.11E-06	6.65E-10	1.93E-10	2.08E-06	6.56E-10	1.91E-10	2.02E-06	6.37E-10	1.85E-10
2589	493080.5, 3860443.11	2.10E-06	6.62E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2590	493130.5, 3860443.11	2.09E-06	6.58E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2591	493180.5, 3860443.11	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.45E-10	1.87E-10	1.98E-06	6.26E-10	1.82E-10
2592	493230.5, 3860443.11	2.06E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
2593	493280.5, 3860443.11	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
2594	493330.5, 3860443.11	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
2595	493380.5, 3860443.11	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.95E-06	6.16E-10	1.79E-10
2596	493180.5, 3860493.11	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
2597	493230.5, 3860493.11	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
2598	493280.5, 3860493.11	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.75E-10
2599	493330.5, 3860493.11	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.75E-10
2600	493380.5, 3860493.11	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2601	493330.5, 3860543.11	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2602	493380.5, 3860543.11	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
2603	494135.94, 3860876.85	1.47E-06	4.65E-10	1.35E-10	1.45E-06	4.59E-10	1.33E-10	1.41E-06	4.45E-10	1.30E-10
2604	494185.94, 3860876.85	1.47E-06	4.63E-10	1.35E-10	1.45E-06	4.57E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
2605	494135.94, 3860926.85	1.43E-06	4.52E-10	1.31E-10	1.41E-06	4.46E-10	1.30E-10	1.37E-06	4.33E-10	1.26E-10
2606	494185.94, 3860926.85	1.43E-06	4.50E-10	1.31E-10	1.41E-06	4.44E-10	1.29E-10	1.37E-06	4.32E-10	1.26E-10
2607	494135.94, 3860976.85	1.39E-06	4.40E-10	1.28E-10	1.38E-06	4.34E-10	1.26E-10	1.34E-06	4.22E-10	1.23E-10
2608	494185.94, 3860976.85	1.39E-06	4.39E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.20E-10	1.22E-10
2609	494135.94, 3861026.85	1.36E-06	4.28E-10	1.25E-10	1.34E-06	4.23E-10	1.23E-10	1.30E-06	4.11E-10	1.19E-10
2610	494185.94, 3861026.85	1.35E-06	4.27E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.09E-10	1.19E-10
2611	494135.94, 3861076.85	1.32E-06	4.18E-10	1.21E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
2612	494185.94, 3861076.85	1.32E-06	4.16E-10	1.21E-10	1.30E-06	4.11E-10	1.19E-10	1.26E-06	3.99E-10	1.16E-10
2613	490360.04, 3858710.04	2.10E-05	6.62E-09	1.93E-09	2.07E-05	6.53E-09	1.90E-09	2.01E-05	6.34E-09	1.85E-09
2614	490410.04, 3858710.04	2.05E-05	6.48E-09	1.89E-09	2.03E-05	6.40E-09	1.86E-09	1.97E-05	6.21E-09	1.81E-09
2615	490460.04, 3858710.04	2.01E-05	6.34E-09	1.84E-09	1.98E-05	6.25E-09	1.82E-09	1.92E-05	6.07E-09	1.77E-09
2616	490510.04, 3858710.04	1.97E-05	6.21E-09	1.81E-09	1.94E-05	6.12E-09	1.78E-09	1.88E-05	5.95E-09	1.73E-09
2617	490560.04, 3858710.04	1.93E-05	6.09E-09	1.77E-09	1.90E-05	6.01E-09	1.75E-09	1.85E-05	5.83E-09	1.70E-09
2618	490610.04, 3858710.04	1.89E-05	5.96E-09	1.73E-09	1.86E-05	5.88E-09	1.71E-09	1.81E-05	5.71E-09	1.66E-09
2619	490660.04, 3858710.04	1.86E-05	5.86E-09	1.70E-09	1.83E-05	5.78E-09	1.68E-09	1.78E-05	5.62E-09	1.63E-09
2620	490710.04, 3858710.04	1.81E-05	5.72E-09	1.66E-09	1.79E-05	5.64E-09	1.64E-09	1.74E-05	5.48E-09	1.59E-09
2621	490760.04, 3858710.04	1.77E-05	5.58E-09	1.62E-09	1.74E-05	5.50E-09	1.60E-09	1.69E-05	5.34E-09	1.55E-09
2622	490810.04, 3858710.04	1.72E-05	5.43E-09	1.58E-09	1.70E-05	5.36E-09	1.56E-09	1.65E-05	5.20E-09	1.51E-09
2623	490860.04, 3858710.04	1.66E-05	5.25E-09	1.53E-09	1.64E-05	5.18E-09	1.51E-09	1.59E-05	5.03E-09	1.46E-09
2624	490360.04, 3858760.04	1.96E-05	6.18E-09	1.80E-09	1.93E-05	6.10E-09	1.78E-09	1.88E-05	5.93E-09	1.72E-09

2625	490410.04, 3858760.04	1.91E-05	6.04E-09	1.76E-09	1.89E-05	5.96E-09	1.73E-09	1.83E-05	5.79E-09	1.68E-09
2626	490460.04, 3858760.04	1.87E-05	5.89E-09	1.71E-09	1.84E-05	5.82E-09	1.69E-09	1.79E-05	5.65E-09	1.64E-09
2627	490510.04, 3858760.04	1.82E-05	5.74E-09	1.67E-09	1.80E-05	5.67E-09	1.65E-09	1.74E-05	5.50E-09	1.60E-09
2628	490560.04, 3858760.04	1.78E-05	5.61E-09	1.63E-09	1.75E-05	5.54E-09	1.61E-09	1.70E-05	5.38E-09	1.56E-09
2629	490610.04, 3858760.04	1.73E-05	5.47E-09	1.59E-09	1.71E-05	5.40E-09	1.57E-09	1.66E-05	5.24E-09	1.53E-09
2630	490660.04, 3858760.04	1.69E-05	5.34E-09	1.55E-09	1.67E-05	5.27E-09	1.53E-09	1.62E-05	5.12E-09	1.49E-09
2631	490710.04, 3858760.04	1.65E-05	5.21E-09	1.51E-09	1.63E-05	5.14E-09	1.49E-09	1.58E-05	4.99E-09	1.45E-09
2632	490760.04, 3858760.04	1.60E-05	5.05E-09	1.47E-09	1.58E-05	4.98E-09	1.45E-09	1.53E-05	4.84E-09	1.41E-09
2633	490810.04, 3858760.04	1.55E-05	4.90E-09	1.42E-09	1.53E-05	4.83E-09	1.41E-09	1.49E-05	4.69E-09	1.37E-09
2634	490860.04, 3858760.04	1.51E-05	4.76E-09	1.38E-09	1.49E-05	4.69E-09	1.37E-09	1.44E-05	4.56E-09	1.33E-09
2635	490360.04, 3858810.04	1.84E-05	5.81E-09	1.69E-09	1.82E-05	5.74E-09	1.67E-09	1.76E-05	5.57E-09	1.62E-09
2636	490410.04, 3858810.04	1.79E-05	5.66E-09	1.64E-09	1.77E-05	5.58E-09	1.62E-09	1.72E-05	5.42E-09	1.58E-09
2637	490460.04, 3858810.04	1.74E-05	5.50E-09	1.60E-09	1.72E-05	5.43E-09	1.58E-09	1.67E-05	5.27E-09	1.53E-09
2638	490510.04, 3858810.04	1.70E-05	5.37E-09	1.56E-09	1.68E-05	5.30E-09	1.54E-09	1.63E-05	5.14E-09	1.50E-09
2639	490560.04, 3858810.04	1.66E-05	5.23E-09	1.52E-09	1.64E-05	5.16E-09	1.50E-09	1.59E-05	5.01E-09	1.46E-09
2640	490610.04, 3858810.04	1.61E-05	5.08E-09	1.48E-09	1.59E-05	5.01E-09	1.46E-09	1.54E-05	4.86E-09	1.41E-09
2641	490660.04, 3858810.04	1.56E-05	4.94E-09	1.44E-09	1.54E-05	4.87E-09	1.42E-09	1.50E-05	4.73E-09	1.38E-09
2642	490710.04, 3858810.04	1.52E-05	4.78E-09	1.39E-09	1.50E-05	4.72E-09	1.37E-09	1.45E-05	4.59E-09	1.33E-09
2643	490760.04, 3858810.04	1.46E-05	4.60E-09	1.34E-09	1.44E-05	4.54E-09	1.32E-09	1.40E-05	4.41E-09	1.28E-09
2644	490810.04, 3858810.04	1.42E-05	4.50E-09	1.31E-09	1.41E-05	4.44E-09	1.29E-09	1.37E-05	4.31E-09	1.25E-09
2645	490860.04, 3858810.04	1.37E-05	4.34E-09	1.26E-09	1.36E-05	4.28E-09	1.25E-09	1.32E-05	4.16E-09	1.21E-09
2646	490360.04, 3858860.04	1.73E-05	5.47E-09	1.59E-09	1.71E-05	5.40E-09	1.57E-09	1.66E-05	5.24E-09	1.52E-09
2647	490410.04, 3858860.04	1.69E-05	5.33E-09	1.55E-09	1.67E-05	5.26E-09	1.53E-09	1.62E-05	5.11E-09	1.49E-09
2648	490460.04, 3858860.04	1.64E-05	5.16E-09	1.50E-09	1.61E-05	5.10E-09	1.48E-09	1.57E-05	4.95E-09	1.44E-09
2649	490510.04, 3858860.04	1.60E-05	5.04E-09	1.47E-09	1.58E-05	4.98E-09	1.45E-09	1.53E-05	4.83E-09	1.41E-09
2650	490560.04, 3858860.04	1.55E-05	4.89E-09	1.42E-09	1.53E-05	4.83E-09	1.40E-09	1.49E-05	4.69E-09	1.36E-09
2651	490610.04, 3858860.04	1.49E-05	4.72E-09	1.37E-09	1.47E-05	4.65E-09	1.35E-09	1.43E-05	4.52E-09	1.31E-09
2652	490660.04, 3858860.04	1.45E-05	4.58E-09	1.33E-09	1.43E-05	4.52E-09	1.31E-09	1.39E-05	4.39E-09	1.28E-09
2653	490710.04, 3858860.04	1.41E-05	4.46E-09	1.30E-09	1.39E-05	4.40E-09	1.28E-09	1.35E-05	4.28E-09	1.24E-09
2654	490760.04, 3858860.04	1.36E-05	4.29E-09	1.25E-09	1.34E-05	4.23E-09	1.23E-09	1.30E-05	4.11E-09	1.20E-09
2655	490810.04, 3858860.04	1.31E-05	4.13E-09	1.20E-09	1.29E-05	4.07E-09	1.18E-09	1.25E-05	3.95E-09	1.15E-09
2656	490860.04, 3858860.04	1.25E-05	3.96E-09	1.15E-09	1.24E-05	3.91E-09	1.14E-09	1.20E-05	3.79E-09	1.10E-09
2657	490360.04, 3858910.04	1.65E-05	5.19E-09	1.51E-09	1.62E-05	5.13E-09	1.49E-09	1.58E-05	4.98E-09	1.45E-09
2658	490410.04, 3858910.04	1.60E-05	5.04E-09	1.47E-09	1.58E-05	4.97E-09	1.45E-09	1.53E-05	4.83E-09	1.41E-09
2659	490460.04, 3858910.04	1.55E-05	4.89E-09	1.42E-09	1.53E-05	4.82E-09	1.40E-09	1.48E-05	4.68E-09	1.36E-09
2660	490510.04, 3858910.04	1.50E-05	4.73E-09	1.38E-09	1.48E-05	4.67E-09	1.36E-09	1.44E-05	4.54E-09	1.32E-09
2661	490560.04, 3858910.04	1.45E-05	4.57E-09	1.33E-09	1.43E-05	4.51E-09	1.31E-09	1.39E-05	4.38E-09	1.28E-09
2662	490610.04, 3858910.04	1.40E-05	4.41E-09	1.28E-09	1.38E-05	4.35E-09	1.27E-09	1.34E-05	4.23E-09	1.23E-09
2663	490660.04, 3858910.04	1.35E-05	4.27E-09	1.24E-09	1.34E-05	4.22E-09	1.23E-09	1.30E-05	4.10E-09	1.19E-09
2664	490710.04, 3858910.04	1.31E-05	4.12E-09	1.20E-09	1.29E-05	4.07E-09	1.18E-09	1.25E-05	3.95E-09	1.15E-09
2665	490760.04, 3858910.04	1.25E-05	3.94E-09	1.15E-09	1.23E-05	3.89E-09	1.13E-09	1.20E-05	3.78E-09	1.10E-09
2666	490810.04, 3858910.04	1.21E-05	3.81E-09	1.11E-09	1.19E-05	3.76E-09	1.09E-09	1.16E-05	3.65E-09	1.06E-09
2667	490860.04, 3858910.04	1.15E-05	3.63E-09	1.06E-09	1.14E-05	3.59E-09	1.04E-09	1.10E-05	3.48E-09	1.01E-09
2668	490360.04, 3858960.04	1.56E-05	4.92E-09	1.43E-09	1.54E-05	4.85E-09	1.41E-09	1.49E-05	4.71E-09	1.37E-09
2669	490410.04, 3858960.04	1.51E-05	4.76E-09	1.38E-09	1.49E-05	4.69E-09	1.37E-09	1.44E-05	4.56E-09	1.33E-09
2670	490460.04, 3858960.04	1.45E-05	4.59E-09	1.34E-09	1.44E-05	4.53E-09	1.32E-09	1.39E-05	4.40E-09	1.28E-09
2671	490510.04, 3858960.04	1.41E-05	4.44E-09	1.29E-09	1.39E-05	4.38E-09	1.27E-09	1.35E-05	4.25E-09	1.24E-09
2672	490560.04, 3858960.04	1.36E-05	4.29E-09	1.25E-09	1.34E-05	4.23E-09	1.23E-09	1.30E-05	4.11E-09	1.20E-09
2673	490610.04, 3858960.04	1.30E-05	4.11E-09	1.20E-09	1.29E-05	4.06E-09	1.18E-09	1.25E-05	3.94E-09	1.15E-09
2674	490660.04, 3858960.04	1.27E-05	4.00E-09	1.16E-09	1.25E-05	3.95E-09	1.15E-09	1.22E-05	3.84E-09	1.12E-09
2675	490710.04, 3858960.04	1.21E-05	3.83E-09	1.11E-09	1.20E-05	3.78E-09	1.10E-09	1.16E-05	3.67E-09	1.07E-09
2676	490760.04, 3858960.04	1.16E-05	3.67E-09	1.07E-09	1.15E-05	3.62E-09	1.05E-09	1.12E-05	3.52E-09	1.02E-09
2677	490810.04, 3858960.04	1.11E-05	3.52E-09	1.02E-09	1.10E-05	3.47E-09	1.01E-09	1.07E-05	3.37E-09	9.80E-10
2678	490860.04, 3858960.04	1.06E-05	3.34E-09	9.72E-10	1.05E-05	3.30E-09	9.60E-10	1.01E-05	3.20E-09	9.32E-10
2679	490360.04, 3859010.04	1.48E-05	4.66E-09	1.36E-09	1.46E-05	4.60E-09	1.34E-09	1.41E-05	4.47E-09	1.30E-09
2680	490410.04, 3859010.04	1.42E-05	4.49E-09	1.31E-09	1.40E-05	4.43E-09	1.29E-09	1.36E-05	4.30E-09	1.25E-09
2681	490460.04, 3859010.04	1.36E-05	4.31E-09	1.25E-09	1.35E-05	4.25E-09	1.24E-09	1.31E-05	4.13E-09	1.20E-09
2682	490510.04, 3859010.04	1.31E-05	4.13E-09	1.20E-09	1.29E-05	4.07E-09	1.18E-09	1.25E-05	3.95E-09	1.15E-09
2683	490560.04, 3859010.04	1.27E-05	4.01E-09	1.16E-09	1.25E-05	3.95E-09	1.15E-09	1.22E-05	3.84E-09	1.12E-09
2684	490610.04, 3859010.04	1.21E-05	3.83E-09	1.11E-09	1.20E-05	3.78E-09	1.10E-09	1.16E-05	3.67E-09	1.07E-09
2685	490660.04, 3859010.04	1.18E-05	3.73E-09	1.09E-09	1.17E-05	3.68E-09	1.07E-09	1.13E-05	3.58E-09	1.04E-09
2686	490710.04, 3859010.04	1.13E-05	3.56E-09	1.03E-09	1.11E-05	3.51E-09	1.02E-09	1.08E-05	3.41E-09	9.92E-10
2687	490760.04, 3859010.04	1.08E-05	3.40E-09	9.88E-10	1.06E-05	3.35E-09	9.75E-10	1.03E-05	3.26E-09	9.47E-10
2688	490810.04, 3859010.04	1.03E-05	3.24E-09	9.42E-10	1.01E-05	3.20E-09	9.30E-10	9.84E-06	3.11E-09	9.03E-10
2689	490860.04, 3859010.04	9.82E-06	3.10E-09	9.01E-10	9.69E-06	3.06E-09	8.90E-10	9.41E-06	2.97E-09	8.64E-10
2690	490360.04, 3859060.04	1.40E-05	4.40E-09	1.28E-09	1.38E-05	4.35E-09	1.26E-09	1.34E-05	4.22E-09	1.23E-09
2691	490410.04, 3859060.04	1.33E-05	4.21E-09	1.22E-09	1.32E-05	4.15E-09	1.21E-09	1.28E-05	4.03E-09	1.17E-09
2692	490460.04, 3859060.04	1.28E-05	4.03E-09	1.17E-09	1.26E-05	3.98E-09	1.16E-09	1.22E-05	3.87E-09	1.12E-09
2693	490510.04, 3859060.04	1.23E-05	3.88E-09	1.13E-09	1.21E-05	3.83E-09	1.11E-09	1.18E-05	3.72E-09	1.08E-09
2694	490560.04, 3859060.04	1.17E-05	3.71E-09	1.08E-09	1.16E-05	3.66E-09	1.06E-09	1.13E-05	3.55E-09	1.03E-09
2695	490610.04, 3859060.04	1.13E-05	3.58E-09	1.04E-09	1.12E-05	3.53E-09	1.03E-09	1.09E-05	3.43E-09	9.98E-10
2696	490660.04, 3859060.04	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.41E-09	9.93E-10	1.05E-05	3.32E-09	9.64E-10
2697	490710.04, 3859060.04	1.04E-05	3.29E-09	9.56E-10	1.03E-05	3.24E-09	9.44E-10	9.98E-06	3.15E-09	9.17E-10

2698	490760.04, 3859060.04	9.93E-06	3.13E-09	9.11E-10	9.80E-06	3.09E-09	9.00E-10	9.52E-06	3.00E-09	8.74E-10
2699	490810.04, 3859060.04	9.44E-06	2.98E-09	8.67E-10	9.32E-06	2.94E-09	8.55E-10	9.05E-06	2.86E-09	8.31E-10
2700	490860.04, 3859060.04	9.01E-06	2.84E-09	8.28E-10	8.90E-06	2.81E-09	8.17E-10	8.64E-06	2.73E-09	7.93E-10
2701	490360.04, 3859110.04	1.32E-05	4.18E-09	1.22E-09	1.31E-05	4.13E-09	1.20E-09	1.27E-05	4.01E-09	1.17E-09
2702	490410.04, 3859110.04	1.26E-05	3.99E-09	1.16E-09	1.25E-05	3.93E-09	1.14E-09	1.21E-05	3.82E-09	1.11E-09
2703	490460.04, 3859110.04	1.22E-05	3.84E-09	1.12E-09	1.20E-05	3.79E-09	1.10E-09	1.16E-05	3.68E-09	1.07E-09
2704	490510.04, 3859110.04	1.15E-05	3.62E-09	1.05E-09	1.13E-05	3.57E-09	1.04E-09	1.10E-05	3.46E-09	1.01E-09
2705	490560.04, 3859110.04	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.42E-09	9.94E-10	1.05E-05	3.32E-09	9.65E-10
2706	490610.04, 3859110.04	1.05E-05	3.30E-09	9.60E-10	1.03E-05	3.26E-09	9.48E-10	1.00E-05	3.16E-09	9.20E-10
2707	490660.04, 3859110.04	9.91E-06	3.13E-09	9.10E-10	9.78E-06	3.09E-09	8.98E-10	9.50E-06	3.00E-09	8.72E-10
2708	490710.04, 3859110.04	9.55E-06	3.01E-09	8.76E-10	9.42E-06	2.97E-09	8.65E-10	9.15E-06	2.89E-09	8.40E-10
2709	490760.04, 3859110.04	9.12E-06	2.88E-09	8.37E-10	9.00E-06	2.84E-09	8.26E-10	8.74E-06	2.76E-09	8.02E-10
2710	490810.04, 3859110.04	8.63E-06	2.72E-09	7.92E-10	8.52E-06	2.69E-09	7.82E-10	8.27E-06	2.61E-09	7.59E-10
2711	490860.04, 3859110.04	8.17E-06	2.58E-09	7.50E-10	8.07E-06	2.55E-09	7.41E-10	7.83E-06	2.47E-09	7.19E-10
2712	490360.04, 3859160.04	1.26E-05	3.98E-09	1.16E-09	1.24E-05	3.93E-09	1.14E-09	1.21E-05	3.81E-09	1.11E-09
2713	490410.04, 3859160.04	1.20E-05	3.80E-09	1.10E-09	1.19E-05	3.75E-09	1.09E-09	1.15E-05	3.64E-09	1.06E-09
2714	490460.04, 3859160.04	1.15E-05	3.63E-09	1.06E-09	1.14E-05	3.58E-09	1.04E-09	1.10E-05	3.48E-09	1.01E-09
2715	490510.04, 3859160.04	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.42E-09	9.93E-10	1.05E-05	3.32E-09	9.65E-10
2716	490560.04, 3859160.04	1.04E-05	3.27E-09	9.50E-10	1.02E-05	3.22E-09	9.38E-10	9.92E-06	3.13E-09	9.11E-10
2717	490610.04, 3859160.04	9.91E-06	3.13E-09	9.10E-10	9.78E-06	3.09E-09	8.98E-10	9.50E-06	3.00E-09	8.72E-10
2718	490660.04, 3859160.04	9.13E-06	2.88E-09	8.38E-10	9.01E-06	2.84E-09	8.27E-10	8.75E-06	2.76E-09	8.04E-10
2719	490710.04, 3859160.04	8.77E-06	2.77E-09	8.05E-10	8.65E-06	2.73E-09	7.94E-10	8.40E-06	2.65E-09	7.71E-10
2720	490760.04, 3859160.04	8.20E-06	2.59E-09	7.53E-10	8.09E-06	2.55E-09	7.43E-10	7.86E-06	2.48E-09	7.21E-10
2721	490810.04, 3859160.04	7.86E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.13E-10	7.54E-06	2.38E-09	6.92E-10
2722	490860.04, 3859160.04	7.52E-06	2.37E-09	6.90E-10	7.42E-06	2.34E-09	6.81E-10	7.21E-06	2.27E-09	6.61E-10
2723	490360.04, 3859210.04	1.20E-05	3.78E-09	1.10E-09	1.18E-05	3.73E-09	1.09E-09	1.15E-05	3.63E-09	1.05E-09
2724	490410.04, 3859210.04	1.16E-05	3.65E-09	1.06E-09	1.14E-05	3.61E-09	1.05E-09	1.11E-05	3.50E-09	1.02E-09
2725	490460.04, 3859210.04	1.09E-05	3.44E-09	1.00E-09	1.08E-05	3.40E-09	9.88E-10	1.05E-05	3.30E-09	9.60E-10
2726	490510.04, 3859210.04	1.04E-05	3.27E-09	9.51E-10	1.02E-05	3.23E-09	9.39E-10	9.93E-06	3.13E-09	9.12E-10
2727	490560.04, 3859210.04	9.94E-06	3.14E-09	9.13E-10	9.81E-06	3.10E-09	9.01E-10	9.53E-06	3.01E-09	8.75E-10
2728	490610.04, 3859210.04	9.43E-06	2.98E-09	8.66E-10	9.30E-06	2.94E-09	8.54E-10	9.04E-06	2.85E-09	8.30E-10
2729	490660.04, 3859210.04	8.74E-06	2.76E-09	8.03E-10	8.63E-06	2.72E-09	7.92E-10	8.38E-06	2.64E-09	7.69E-10
2730	490710.04, 3859210.04	8.33E-06	2.63E-09	7.65E-10	8.22E-06	2.59E-09	7.55E-10	7.98E-06	2.52E-09	7.33E-10
2731	490760.04, 3859210.04	7.76E-06	2.45E-09	7.12E-10	7.66E-06	2.42E-09	7.03E-10	7.44E-06	2.35E-09	6.83E-10
2732	490810.04, 3859210.04	7.61E-06	2.40E-09	6.99E-10	7.51E-06	2.37E-09	6.89E-10	7.29E-06	2.30E-09	6.69E-10
2733	490860.04, 3859210.04	7.45E-06	2.35E-09	6.83E-10	7.35E-06	2.32E-09	6.75E-10	7.14E-06	2.25E-09	6.55E-10
2734	490360.04, 3859260.04	1.14E-05	3.58E-09	1.04E-09	1.12E-05	3.54E-09	1.03E-09	1.09E-05	3.43E-09	9.99E-10
2735	490410.04, 3859260.04	1.09E-05	3.45E-09	1.00E-09	1.08E-05	3.40E-09	9.89E-10	1.05E-05	3.30E-09	9.61E-10
2736	490460.04, 3859260.04	1.05E-05	3.33E-09	9.67E-10	1.04E-05	3.28E-09	9.55E-10	1.01E-05	3.19E-09	9.27E-10
2737	490510.04, 3859260.04	1.02E-05	3.21E-09	9.33E-10	1.00E-05	3.17E-09	9.21E-10	9.74E-06	3.07E-09	8.94E-10
2738	490560.04, 3859260.04	9.68E-06	3.06E-09	8.89E-10	9.55E-06	3.02E-09	8.77E-10	9.28E-06	2.93E-09	8.52E-10
2739	490610.04, 3859260.04	9.06E-06	2.86E-09	8.32E-10	8.95E-06	2.82E-09	8.21E-10	8.69E-06	2.74E-09	7.97E-10
2740	490660.04, 3859260.04	8.83E-06	2.79E-09	8.11E-10	8.72E-06	2.75E-09	8.00E-10	8.46E-06	2.67E-09	7.77E-10
2741	490710.04, 3859260.04	8.47E-06	2.67E-09	7.78E-10	8.36E-06	2.64E-09	7.67E-10	8.12E-06	2.56E-09	7.45E-10
2742	490760.04, 3859260.04	7.89E-06	2.49E-09	7.25E-10	7.79E-06	2.46E-09	7.15E-10	7.56E-06	2.39E-09	6.94E-10
2743	490810.04, 3859260.04	7.67E-06	2.42E-09	7.05E-10	7.57E-06	2.39E-09	6.95E-10	7.36E-06	2.32E-09	6.75E-10
2744	490860.04, 3859260.04	7.46E-06	2.36E-09	6.85E-10	7.37E-06	2.32E-09	6.76E-10	7.15E-06	2.26E-09	6.57E-10
2745	490360.04, 3859310.04	1.09E-05	3.43E-09	9.96E-10	1.07E-05	3.38E-09	9.83E-10	1.04E-05	3.28E-09	9.55E-10
2746	490410.04, 3859310.04	1.05E-05	3.30E-09	9.59E-10	1.03E-05	3.26E-09	9.47E-10	1.00E-05	3.16E-09	9.19E-10
2747	490460.04, 3859310.04	1.01E-05	3.18E-09	9.25E-10	9.94E-06	3.14E-09	9.13E-10	9.65E-06	3.05E-09	8.86E-10
2748	490510.04, 3859310.04	9.75E-06	3.08E-09	8.95E-10	9.62E-06	3.04E-09	8.83E-10	9.34E-06	2.95E-09	8.58E-10
2749	490560.04, 3859310.04	9.42E-06	2.97E-09	8.65E-10	9.29E-06	2.93E-09	8.53E-10	9.03E-06	2.85E-09	8.29E-10
2750	490610.04, 3859310.04	9.12E-06	2.88E-09	8.37E-10	9.00E-06	2.84E-09	8.26E-10	8.74E-06	2.76E-09	8.02E-10
2751	490660.04, 3859310.04	8.78E-06	2.77E-09	8.06E-10	8.66E-06	2.73E-09	7.95E-10	8.41E-06	2.65E-09	7.72E-10
2752	490710.04, 3859310.04	8.25E-06	2.60E-09	7.57E-10	8.14E-06	2.57E-09	7.47E-10	7.90E-06	2.49E-09	7.25E-10
2753	490760.04, 3859310.04	7.89E-06	2.49E-09	7.25E-10	7.79E-06	2.46E-09	7.15E-10	7.57E-06	2.39E-09	6.95E-10
2754	490810.04, 3859310.04	7.66E-06	2.42E-09	7.04E-10	7.56E-06	2.39E-09	6.94E-10	7.34E-06	2.32E-09	6.74E-10
2755	490860.04, 3859310.04	7.36E-06	2.32E-09	6.75E-10	7.26E-06	2.29E-09	6.67E-10	7.05E-06	2.23E-09	6.47E-10
2756	490360.04, 3859360.04	1.03E-05	3.27E-09	9.50E-10	1.02E-05	3.22E-09	9.37E-10	9.91E-06	3.13E-09	9.10E-10
2757	490410.04, 3859360.04	1.00E-05	3.16E-09	9.20E-10	9.89E-06	3.12E-09	9.08E-10	9.60E-06	3.03E-09	8.82E-10
2758	490460.04, 3859360.04	9.71E-06	3.07E-09	8.92E-10	9.59E-06	3.03E-09	8.80E-10	9.31E-06	2.94E-09	8.55E-10
2759	490510.04, 3859360.04	9.41E-06	2.97E-09	8.64E-10	9.29E-06	2.93E-09	8.53E-10	9.02E-06	2.85E-09	8.28E-10
2760	490560.04, 3859360.04	9.08E-06	2.86E-09	8.33E-10	8.96E-06	2.83E-09	8.22E-10	8.70E-06	2.75E-09	7.99E-10
2761	490610.04, 3859360.04	8.75E-06	2.76E-09	8.03E-10	8.63E-06	2.73E-09	7.93E-10	8.38E-06	2.65E-09	7.70E-10
2762	490660.04, 3859360.04	8.46E-06	2.67E-09	7.76E-10	8.35E-06	2.63E-09	7.66E-10	8.11E-06	2.56E-09	7.44E-10
2763	490710.04, 3859360.04	8.10E-06	2.56E-09	7.44E-10	8.00E-06	2.52E-09	7.34E-10	7.77E-06	2.45E-09	7.13E-10
2764	490760.04, 3859360.04	7.73E-06	2.44E-09	7.10E-10	7.63E-06	2.41E-09	7.00E-10	7.41E-06	2.34E-09	6.80E-10
2765	490810.04, 3859360.04	7.57E-06	2.39E-09	6.95E-10	7.47E-06	2.36E-09	6.86E-10	7.25E-06	2.29E-09	6.66E-10
2766	490860.04, 3859360.04	7.31E-06	2.31E-09	6.71E-10	7.22E-06	2.28E-09	6.63E-10	7.01E-06	2.21E-09	6.44E-10
2767	490360.04, 3859410.04	9.80E-06	3.09E-09	9.00E-10	9.68E-06	3.05E-09	8.88E-10	9.40E-06	2.97E-09	8.63E-10
2768	490410.04, 3859410.04	9.53E-06	3.01E-09	8.74E-10	9.40E-06	2.97E-09	8.63E-10	9.13E-06	2.88E-09	8.38E-10
2769	490460.04, 3859410.04	9.25E-06	2.92E-09	8.49E-10	9.13E-06	2.88E-09	8.38E-10	8.87E-06	2.80E-09	8.14E-10
2770	490510.04, 3859410.04	8.98E-06	2.83E-09	8.25E-10	8.86E-06	2.80E-09	8.14E-10	8.61E-06	2.72E-09	7.90E-10

2771	490560.04, 3859410.04	8.72E-06	2.75E-09	8.01E-10	8.61E-06	2.72E-09	7.90E-10	8.36E-06	2.64E-09	7.67E-10
2772	490610.04, 3859410.04	8.46E-06	2.67E-09	7.77E-10	8.35E-06	2.64E-09	7.67E-10	8.11E-06	2.56E-09	7.45E-10
2773	490660.04, 3859410.04	8.16E-06	2.57E-09	7.49E-10	8.05E-06	2.54E-09	7.39E-10	7.82E-06	2.47E-09	7.18E-10
2774	490710.04, 3859410.04	7.88E-06	2.49E-09	7.23E-10	7.77E-06	2.45E-09	7.14E-10	7.55E-06	2.38E-09	6.93E-10
2775	490760.04, 3859410.04	7.54E-06	2.38E-09	6.92E-10	7.44E-06	2.35E-09	6.83E-10	7.23E-06	2.28E-09	6.64E-10
2776	490810.04, 3859410.04	7.36E-06	2.32E-09	6.76E-10	7.27E-06	2.29E-09	6.67E-10	7.06E-06	2.23E-09	6.48E-10
2777	490860.04, 3859410.04	7.24E-06	2.28E-09	6.64E-10	7.14E-06	2.25E-09	6.56E-10	6.94E-06	2.19E-09	6.37E-10
2778	490360.04, 3859460.04	9.27E-06	2.92E-09	8.51E-10	9.15E-06	2.89E-09	8.40E-10	8.88E-06	2.80E-09	8.15E-10
2779	490410.04, 3859460.04	9.00E-06	2.84E-09	8.26E-10	8.88E-06	2.80E-09	8.15E-10	8.62E-06	2.72E-09	7.92E-10
2780	490460.04, 3859460.04	8.76E-06	2.76E-09	8.04E-10	8.64E-06	2.73E-09	7.93E-10	8.39E-06	2.65E-09	7.70E-10
2781	490510.04, 3859460.04	8.52E-06	2.69E-09	7.82E-10	8.41E-06	2.65E-09	7.72E-10	8.17E-06	2.58E-09	7.50E-10
2782	490560.04, 3859460.04	8.29E-06	2.62E-09	7.61E-10	8.19E-06	2.58E-09	7.51E-10	7.95E-06	2.51E-09	7.30E-10
2783	490610.04, 3859460.04	8.06E-06	2.54E-09	7.40E-10	7.96E-06	2.51E-09	7.30E-10	7.73E-06	2.44E-09	7.09E-10
2784	490660.04, 3859460.04	7.83E-06	2.47E-09	7.18E-10	7.72E-06	2.44E-09	7.09E-10	7.50E-06	2.37E-09	6.89E-10
2785	490710.04, 3859460.04	7.62E-06	2.41E-09	7.00E-10	7.52E-06	2.37E-09	6.91E-10	7.30E-06	2.31E-09	6.71E-10
2786	490760.04, 3859460.04	7.39E-06	2.33E-09	6.79E-10	7.30E-06	2.30E-09	6.70E-10	7.09E-06	2.24E-09	6.51E-10
2787	490810.04, 3859460.04	7.18E-06	2.27E-09	6.59E-10	7.08E-06	2.24E-09	6.50E-10	6.88E-06	2.17E-09	6.31E-10
2788	490860.04, 3859460.04	7.03E-06	2.22E-09	6.46E-10	6.94E-06	2.19E-09	6.37E-10	6.74E-06	2.13E-09	6.19E-10
2789	490360.04, 3859510.04	8.81E-06	2.78E-09	8.09E-10	8.70E-06	2.75E-09	7.99E-10	8.45E-06	2.67E-09	7.76E-10
2790	490410.04, 3859510.04	8.53E-06	2.69E-09	7.83E-10	8.42E-06	2.66E-09	7.73E-10	8.18E-06	2.58E-09	7.51E-10
2791	490460.04, 3859510.04	8.29E-06	2.62E-09	7.61E-10	8.18E-06	2.58E-09	7.51E-10	7.94E-06	2.51E-09	7.29E-10
2792	490510.04, 3859510.04	8.07E-06	2.55E-09	7.41E-10	7.96E-06	2.51E-09	7.31E-10	7.73E-06	2.44E-09	7.10E-10
2793	490560.04, 3859510.04	7.87E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.13E-10	7.54E-06	2.38E-09	6.92E-10
2794	490610.04, 3859510.04	7.67E-06	2.42E-09	7.04E-10	7.57E-06	2.39E-09	6.95E-10	7.35E-06	2.32E-09	6.75E-10
2795	490660.04, 3859510.04	7.47E-06	2.36E-09	6.86E-10	7.37E-06	2.33E-09	6.77E-10	7.16E-06	2.26E-09	6.57E-10
2796	490710.04, 3859510.04	7.28E-06	2.30E-09	6.68E-10	7.18E-06	2.27E-09	6.60E-10	6.98E-06	2.20E-09	6.41E-10
2797	490760.04, 3859510.04	7.10E-06	2.24E-09	6.52E-10	7.00E-06	2.21E-09	6.43E-10	6.80E-06	2.15E-09	6.24E-10
2798	490810.04, 3859510.04	6.94E-06	2.19E-09	6.37E-10	6.85E-06	2.16E-09	6.29E-10	6.65E-06	2.10E-09	6.10E-10
2799	490860.04, 3859510.04	6.77E-06	2.14E-09	6.21E-10	6.68E-06	2.11E-09	6.13E-10	6.49E-06	2.05E-09	5.95E-10
2800	490360.04, 3859560.04	8.71E-06	2.75E-09	7.99E-10	8.59E-06	2.71E-09	7.89E-10	8.34E-06	2.63E-09	7.66E-10
2801	490410.04, 3859560.04	8.25E-06	2.60E-09	7.57E-10	8.14E-06	2.57E-09	7.47E-10	7.90E-06	2.49E-09	7.26E-10
2802	490460.04, 3859560.04	7.93E-06	2.50E-09	7.28E-10	7.83E-06	2.47E-09	7.18E-10	7.60E-06	2.40E-09	6.98E-10
2803	490510.04, 3859560.04	7.69E-06	2.43E-09	7.06E-10	7.59E-06	2.39E-09	6.96E-10	7.37E-06	2.32E-09	6.76E-10
2804	490560.04, 3859560.04	7.48E-06	2.36E-09	6.86E-10	7.38E-06	2.33E-09	6.77E-10	7.17E-06	2.26E-09	6.58E-10
2805	490610.04, 3859560.04	7.29E-06	2.30E-09	6.69E-10	7.20E-06	2.27E-09	6.61E-10	6.99E-06	2.21E-09	6.41E-10
2806	490660.04, 3859560.04	7.12E-06	2.25E-09	6.54E-10	7.03E-06	2.22E-09	6.45E-10	6.83E-06	2.15E-09	6.27E-10
2807	490710.04, 3859560.04	6.95E-06	2.19E-09	6.38E-10	6.86E-06	2.17E-09	6.30E-10	6.66E-06	2.10E-09	6.12E-10
2808	490760.04, 3859560.04	6.78E-06	2.14E-09	6.22E-10	6.69E-06	2.11E-09	6.14E-10	6.50E-06	2.05E-09	5.97E-10
2809	490810.04, 3859560.04	6.62E-06	2.09E-09	6.08E-10	6.54E-06	2.06E-09	6.00E-10	6.35E-06	2.00E-09	5.83E-10
2810	490860.04, 3859560.04	6.47E-06	2.04E-09	5.94E-10	6.38E-06	2.01E-09	5.86E-10	6.20E-06	1.96E-09	5.69E-10
2811	490187.25, 3859422.08	1.08E-05	3.42E-09	9.94E-10	1.07E-05	3.37E-09	9.81E-10	1.04E-05	3.28E-09	9.53E-10
2812	490237.25, 3859422.08	1.04E-05	3.29E-09	9.58E-10	1.03E-05	3.25E-09	9.46E-10	1.00E-05	3.16E-09	9.18E-10
2813	490287.25, 3859422.08	1.01E-05	3.19E-09	9.28E-10	9.98E-06	3.15E-09	9.16E-10	9.69E-06	3.06E-09	8.89E-10
2814	490337.25, 3859422.08	9.80E-06	3.09E-09	9.00E-10	9.67E-06	3.05E-09	8.88E-10	9.39E-06	2.96E-09	8.62E-10
2815	490187.25, 3859472.08	1.05E-05	3.32E-09	9.65E-10	1.04E-05	3.27E-09	9.53E-10	1.01E-05	3.18E-09	9.25E-10
2816	490237.25, 3859472.08	9.98E-06	3.15E-09	9.17E-10	9.85E-06	3.11E-09	9.05E-10	9.57E-06	3.02E-09	8.78E-10
2817	490287.25, 3859472.08	9.59E-06	3.03E-09	8.80E-10	9.46E-06	2.99E-09	8.69E-10	9.19E-06	2.90E-09	8.44E-10
2818	490337.25, 3859472.08	9.27E-06	2.93E-09	8.51E-10	9.15E-06	2.89E-09	8.40E-10	8.89E-06	2.81E-09	8.16E-10
2819	490297.07, 3859500.42	9.32E-06	2.94E-09	8.56E-10	9.20E-06	2.90E-09	8.45E-10	8.93E-06	2.82E-09	8.20E-10
2820	490327.07, 3859500.42	9.10E-06	2.87E-09	8.35E-10	8.98E-06	2.83E-09	8.24E-10	8.72E-06	2.75E-09	8.01E-10
2821	490297.07, 3859530.42	9.30E-06	2.93E-09	8.53E-10	9.18E-06	2.90E-09	8.42E-10	8.91E-06	2.81E-09	8.18E-10
2822	490327.07, 3859530.42	8.98E-06	2.83E-09	8.24E-10	8.86E-06	2.80E-09	8.13E-10	8.60E-06	2.71E-09	7.90E-10
2823	490319.73, 3859055.34	1.45E-05	4.58E-09	1.33E-09	1.43E-05	4.52E-09	1.32E-09	1.39E-05	4.39E-09	1.28E-09
2824	490319.73, 3859105.34	1.38E-05	4.35E-09	1.26E-09	1.36E-05	4.29E-09	1.25E-09	1.32E-05	4.16E-09	1.21E-09
2825	490069.73, 3859155.34	1.56E-05	4.93E-09	1.43E-09	1.54E-05	4.86E-09	1.41E-09	1.50E-05	4.72E-09	1.37E-09
2826	490119.73, 3859155.34	1.51E-05	4.75E-09	1.38E-09	1.49E-05	4.69E-09	1.36E-09	1.44E-05	4.55E-09	1.32E-09
2827	490269.73, 3859155.34	1.36E-05	4.29E-09	1.25E-09	1.34E-05	4.24E-09	1.23E-09	1.30E-05	4.12E-09	1.20E-09
2828	490319.73, 3859155.34	1.31E-05	4.13E-09	1.20E-09	1.29E-05	4.08E-09	1.19E-09	1.26E-05	3.96E-09	1.15E-09
2829	490069.73, 3859205.34	1.49E-05	4.69E-09	1.36E-09	1.47E-05	4.63E-09	1.35E-09	1.42E-05	4.50E-09	1.31E-09
2830	490119.73, 3859205.34	1.43E-05	4.52E-09	1.32E-09	1.41E-05	4.46E-09	1.30E-09	1.37E-05	4.34E-09	1.26E-09
2831	490169.73, 3859205.34	1.38E-05	4.37E-09	1.27E-09	1.37E-05	4.31E-09	1.25E-09	1.33E-05	4.19E-09	1.22E-09
2832	490219.73, 3859205.34	1.34E-05	4.22E-09	1.23E-09	1.32E-05	4.17E-09	1.21E-09	1.28E-05	4.05E-09	1.18E-09
2833	490269.73, 3859205.34	1.29E-05	4.06E-09	1.18E-09	1.27E-05	4.01E-09	1.17E-09	1.23E-05	3.90E-09	1.13E-09
2834	490319.73, 3859205.34	1.24E-05	3.92E-09	1.14E-09	1.23E-05	3.87E-09	1.13E-09	1.19E-05	3.76E-09	1.09E-09
2835	490069.73, 3859255.34	1.41E-05	4.46E-09	1.30E-09	1.39E-05	4.40E-09	1.28E-09	1.35E-05	4.27E-09	1.24E-09
2836	490119.73, 3859255.34	1.36E-05	4.30E-09	1.25E-09	1.34E-05	4.24E-09	1.23E-09	1.30E-05	4.12E-09	1.20E-09
2837	490169.73, 3859255.34	1.31E-05	4.15E-09	1.21E-09	1.30E-05	4.09E-09	1.19E-09	1.26E-05	3.98E-09	1.16E-09
2838	490219.73, 3859255.34	1.27E-05	4.01E-09	1.17E-09	1.25E-05	3.96E-09	1.15E-09	1.22E-05	3.84E-09	1.12E-09
2839	490269.73, 3859255.34	1.23E-05	3.87E-09	1.13E-09	1.21E-05	3.82E-09	1.11E-09	1.17E-05	3.71E-09	1.08E-09
2840	490319.73, 3859255.34	1.18E-05	3.74E-09	1.09E-09	1.17E-05	3.69E-09	1.07E-09	1.13E-05	3.58E-09	1.04E-09
2841	490069.73, 3859305.34	1.34E-05	4.24E-09	1.23E-09	1.32E-05	4.18E-09	1.22E-09	1.29E-05	4.06E-09	1.18E-09
2842	490119.73, 3859305.34	1.29E-05	4.07E-09	1.19E-09	1.27E-05	4.02E-09	1.17E-09	1.24E-05	3.91E-09	1.14E-09
2843	490169.73, 3859305.34	1.25E-05	3.93E-09	1.14E-09	1.23E-05	3.88E-09	1.13E-09	1.19E-05	3.77E-09	1.10E-09

2844	490219.73, 3859305.34	1.20E-05	3.80E-09	1.11E-09	1.19E-05	3.75E-09	1.09E-09	1.15E-05	3.64E-09	1.06E-09
2845	490269.73, 3859305.34	1.17E-05	3.68E-09	1.07E-09	1.15E-05	3.63E-09	1.06E-09	1.12E-05	3.52E-09	1.03E-09
2846	490319.73, 3859305.34	1.12E-05	3.55E-09	1.03E-09	1.11E-05	3.50E-09	1.02E-09	1.08E-05	3.40E-09	9.89E-10
2847	490069.73, 3859355.34	1.27E-05	4.02E-09	1.17E-09	1.26E-05	3.97E-09	1.15E-09	1.22E-05	3.85E-09	1.12E-09
2848	490119.73, 3859355.34	1.22E-05	3.86E-09	1.12E-09	1.21E-05	3.81E-09	1.11E-09	1.17E-05	3.70E-09	1.08E-09
2849	490169.73, 3859355.34	1.18E-05	3.72E-09	1.08E-09	1.16E-05	3.67E-09	1.07E-09	1.13E-05	3.56E-09	1.04E-09
2850	490219.73, 3859355.34	1.14E-05	3.59E-09	1.05E-09	1.12E-05	3.55E-09	1.03E-09	1.09E-05	3.44E-09	1.00E-09
2851	490269.73, 3859355.34	1.10E-05	3.48E-09	1.01E-09	1.09E-05	3.43E-09	9.99E-10	1.06E-05	3.33E-09	9.70E-10
2852	490319.73, 3859355.34	1.07E-05	3.37E-09	9.81E-10	1.05E-05	3.33E-09	9.68E-10	1.02E-05	3.23E-09	9.40E-10
2853	490069.73, 3859405.34	1.23E-05	3.87E-09	1.12E-09	1.21E-05	3.82E-09	1.11E-09	1.17E-05	3.71E-09	1.08E-09
2854	490119.73, 3859405.34	1.16E-05	3.68E-09	1.07E-09	1.15E-05	3.63E-09	1.06E-09	1.12E-05	3.52E-09	1.02E-09
2855	490169.73, 3859405.34	1.12E-05	3.52E-09	1.02E-09	1.10E-05	3.48E-09	1.01E-09	1.07E-05	3.38E-09	9.82E-10
2856	490219.73, 3859405.34	1.08E-05	3.40E-09	9.88E-10	1.06E-05	3.35E-09	9.75E-10	1.03E-05	3.25E-09	9.46E-10
2857	490269.73, 3859405.34	1.04E-05	3.29E-09	9.56E-10	1.03E-05	3.24E-09	9.44E-10	9.98E-06	3.15E-09	9.16E-10
2858	490319.73, 3859405.34	1.01E-05	3.19E-09	9.27E-10	9.96E-06	3.14E-09	9.15E-10	9.67E-06	3.05E-09	8.88E-10
2859	490161.89, 3859541.83	9.15E-06	2.89E-09	8.40E-10	9.03E-06	2.85E-09	8.29E-10	8.76E-06	2.77E-09	8.05E-10
2860	490171.89, 3859541.83	9.17E-06	2.89E-09	8.42E-10	9.05E-06	2.86E-09	8.31E-10	8.79E-06	2.77E-09	8.07E-10
2861	490161.89, 3859551.83	8.90E-06	2.81E-09	8.17E-10	8.79E-06	2.77E-09	8.07E-10	8.53E-06	2.69E-09	7.83E-10
2862	490171.89, 3859551.83	8.91E-06	2.81E-09	8.18E-10	8.79E-06	2.77E-09	8.07E-10	8.53E-06	2.69E-09	7.84E-10
2863	489799.72, 3859348.21	1.65E-05	5.22E-09	1.52E-09	1.63E-05	5.15E-09	1.50E-09	1.58E-05	5.00E-09	1.45E-09
2864	489819.72, 3859348.21	1.64E-05	5.16E-09	1.50E-09	1.61E-05	5.09E-09	1.48E-09	1.57E-05	4.95E-09	1.44E-09
2865	489799.72, 3859368.21	1.60E-05	5.05E-09	1.47E-09	1.58E-05	4.99E-09	1.45E-09	1.53E-05	4.84E-09	1.41E-09
2866	489819.72, 3859368.21	1.57E-05	4.96E-09	1.44E-09	1.55E-05	4.90E-09	1.42E-09	1.51E-05	4.75E-09	1.38E-09
2867	489775.41, 3859329.72	1.74E-05	5.49E-09	1.60E-09	1.72E-05	5.42E-09	1.58E-09	1.67E-05	5.26E-09	1.53E-09
2868	489795.41, 3859329.72	1.72E-05	5.43E-09	1.58E-09	1.70E-05	5.36E-09	1.56E-09	1.65E-05	5.20E-09	1.51E-09
2869	489775.41, 3859349.72	1.69E-05	5.32E-09	1.55E-09	1.66E-05	5.25E-09	1.53E-09	1.62E-05	5.10E-09	1.48E-09
2870	489795.41, 3859349.72	1.66E-05	5.22E-09	1.52E-09	1.63E-05	5.16E-09	1.50E-09	1.59E-05	5.01E-09	1.46E-09
2871	489595.05, 3859219.43	2.45E-05	7.72E-09	2.25E-09	2.42E-05	7.62E-09	2.22E-09	2.35E-05	7.40E-09	2.15E-09
2872	489615.05, 3859219.43	2.38E-05	7.52E-09	2.19E-09	2.35E-05	7.42E-09	2.16E-09	2.28E-05	7.20E-09	2.10E-09
2873	489595.05, 3859239.43	2.41E-05	7.59E-09	2.21E-09	2.37E-05	7.49E-09	2.18E-09	2.30E-05	7.27E-09	2.12E-09
2874	489615.05, 3859239.43	2.33E-05	7.36E-09	2.14E-09	2.30E-05	7.26E-09	2.11E-09	2.24E-05	7.05E-09	2.05E-09
2875	489372.4, 3859092.58	4.63E-05	1.46E-08	4.25E-09	4.57E-05	1.44E-08	4.19E-09	4.44E-05	1.40E-08	4.07E-09
2876	489422.4, 3859092.58	3.93E-05	1.24E-08	3.61E-09	3.88E-05	1.23E-08	3.56E-09	3.77E-05	1.19E-08	3.46E-09
2877	489372.4, 3859142.58	4.45E-05	1.41E-08	4.09E-09	4.40E-05	1.39E-08	4.04E-09	4.27E-05	1.35E-08	3.92E-09
2878	489422.4, 3859142.58	3.76E-05	1.19E-08	3.45E-09	3.71E-05	1.17E-08	3.41E-09	3.60E-05	1.14E-08	3.31E-09
2879	488870.84, 3858666.64	5.30E-05	1.67E-08	4.86E-09	5.23E-05	1.65E-08	4.80E-09	5.08E-05	1.60E-08	4.66E-09
2880	488900.84, 3858666.64	7.68E-05	2.42E-08	7.05E-09	7.58E-05	2.39E-08	6.96E-09	7.36E-05	2.32E-08	6.76E-09
2881	488870.84, 3858696.64	4.08E-05	1.29E-08	3.75E-09	4.03E-05	1.27E-08	3.70E-09	3.91E-05	1.23E-08	3.59E-09
2882	488900.84, 3858696.64	5.20E-05	1.64E-08	4.78E-09	5.14E-05	1.62E-08	4.71E-09	4.99E-05	1.57E-08	4.58E-09
2883	488889.67, 3858683.97	5.33E-05	1.68E-08	4.89E-09	5.26E-05	1.66E-08	4.83E-09	5.11E-05	1.61E-08	4.69E-09
2884	488919.67, 3858683.97	7.67E-05	2.42E-08	7.04E-09	7.57E-05	2.39E-08	6.95E-09	7.35E-05	2.32E-08	6.75E-09
2885	488889.67, 3858713.97	4.11E-05	1.30E-08	3.77E-09	4.05E-05	1.28E-08	3.72E-09	3.94E-05	1.24E-08	3.61E-09
2886	488919.67, 3858713.97	5.23E-05	1.65E-08	4.80E-09	5.16E-05	1.63E-08	4.74E-09	5.01E-05	1.58E-08	4.60E-09
2887	488906.61, 3858703.33	5.13E-05	1.62E-08	4.71E-09	5.07E-05	1.60E-08	4.65E-09	4.92E-05	1.55E-08	4.52E-09
2888	488936.61, 3858703.33	7.27E-05	2.30E-08	6.68E-09	7.18E-05	2.27E-08	6.59E-09	6.97E-05	2.20E-08	6.40E-09
2889	488906.61, 3858733.33	4.05E-05	1.28E-08	3.72E-09	4.00E-05	1.26E-08	3.67E-09	3.88E-05	1.23E-08	3.56E-09
2890	488936.61, 3858733.33	5.10E-05	1.61E-08	4.68E-09	5.03E-05	1.59E-08	4.62E-09	4.88E-05	1.54E-08	4.48E-09
2891	488637.63, 3858467.85	4.41E-05	1.39E-08	4.05E-09	4.35E-05	1.37E-08	3.99E-09	4.23E-05	1.33E-08	3.88E-09
2892	488662.63, 3858467.85	5.56E-05	1.76E-08	5.11E-09	5.49E-05	1.73E-08	5.04E-09	5.33E-05	1.68E-08	4.89E-09
2893	488637.63, 3858492.85	3.60E-05	1.14E-08	3.31E-09	3.56E-05	1.12E-08	3.26E-09	3.45E-05	1.09E-08	3.17E-09
2894	488662.63, 3858492.85	4.30E-05	1.36E-08	3.95E-09	4.24E-05	1.34E-08	3.89E-09	4.12E-05	1.30E-08	3.78E-09
2895	488687.63, 3858492.85	5.43E-05	1.71E-08	4.99E-09	5.36E-05	1.69E-08	4.92E-09	5.20E-05	1.64E-08	4.78E-09
2896	488637.63, 3858517.85	3.06E-05	9.65E-09	2.81E-09	3.02E-05	9.53E-09	2.77E-09	2.93E-05	9.25E-09	2.69E-09
2897	488662.63, 3858517.85	3.53E-05	1.11E-08	3.24E-09	3.48E-05	1.10E-08	3.20E-09	3.38E-05	1.07E-08	3.11E-09
2898	488687.63, 3858517.85	4.20E-05	1.32E-08	3.85E-09	4.14E-05	1.31E-08	3.80E-09	4.02E-05	1.27E-08	3.69E-09
2899	488194.42, 3857168.98	1.72E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
2900	488244.42, 3857168.98	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
2901	488294.42, 3857168.98	1.76E-06	5.57E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
2902	488244.42, 3857218.98	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.60E-10
2903	488294.42, 3857218.98	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
2904	488294.42, 3857268.98	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
2905	488139.13, 3857111.68	1.61E-06	5.07E-10	1.47E-10	1.59E-06	5.00E-10	1.46E-10	1.54E-06	4.86E-10	1.41E-10
2906	488189.13, 3857111.68	1.64E-06	5.17E-10	1.50E-10	1.62E-06	5.10E-10	1.48E-10	1.57E-06	4.96E-10	1.44E-10
2907	488189.13, 3857161.68	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
2908	487951.04, 3856961.26	1.35E-06	4.26E-10	1.24E-10	1.33E-06	4.21E-10	1.22E-10	1.29E-06	4.08E-10	1.19E-10
2909	488001.04, 3856961.26	1.37E-06	4.33E-10	1.26E-10	1.35E-06	4.27E-10	1.24E-10	1.31E-06	4.15E-10	1.21E-10
2910	488051.04, 3856961.26	1.38E-06	4.37E-10	1.27E-10	1.37E-06	4.31E-10	1.25E-10	1.33E-06	4.18E-10	1.22E-10
2911	488101.04, 3856961.26	1.41E-06	4.46E-10	1.30E-10	1.40E-06	4.41E-10	1.28E-10	1.36E-06	4.28E-10	1.24E-10
2912	487951.04, 3857011.26	1.41E-06	4.45E-10	1.29E-10	1.39E-06	4.39E-10	1.28E-10	1.35E-06	4.26E-10	1.24E-10
2913	488001.04, 3857011.26	1.42E-06	4.49E-10	1.30E-10	1.40E-06	4.43E-10	1.29E-10	1.36E-06	4.30E-10	1.25E-10
2914	488051.04, 3857011.26	1.44E-06	4.53E-10	1.32E-10	1.42E-06	4.47E-10	1.30E-10	1.38E-06	4.34E-10	1.26E-10
2915	488101.04, 3857011.26	1.47E-06	4.64E-10	1.35E-10	1.45E-06	4.58E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
2916	488001.04, 3857061.26	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.61E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10

2917	488051.04, 3857061.26	1.50E-06	4.74E-10	1.38E-10	1.48E-06	4.68E-10	1.36E-10	1.44E-06	4.55E-10	1.32E-10
2918	488101.04, 3857061.26	1.53E-06	4.83E-10	1.40E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10
2919	487638.98, 3856673.79	1.00E-06	3.16E-10	9.20E-11	9.89E-07	3.12E-10	9.08E-11	9.61E-07	3.03E-10	8.82E-11
2920	487688.98, 3856673.79	1.01E-06	3.20E-10	9.31E-11	1.00E-06	3.16E-10	9.19E-11	9.72E-07	3.07E-10	8.93E-11
2921	487638.98, 3856723.79	1.04E-06	3.29E-10	9.56E-11	1.03E-06	3.25E-10	9.44E-11	9.99E-07	3.15E-10	9.17E-11
2922	487688.98, 3856723.79	1.05E-06	3.32E-10	9.67E-11	1.04E-06	3.28E-10	9.54E-11	1.01E-06	3.19E-10	9.27E-11
2923	486324.61, 3855740.57	4.84E-07	1.53E-10	4.44E-11	4.78E-07	1.51E-10	4.38E-11	4.64E-07	1.46E-10	4.26E-11
2924	486374.61, 3855740.57	4.69E-07	1.48E-10	4.30E-11	4.63E-07	1.46E-10	4.25E-11	4.49E-07	1.42E-10	4.13E-11
2925	486424.61, 3855740.57	4.62E-07	1.46E-10	4.24E-11	4.56E-07	1.44E-10	4.19E-11	4.43E-07	1.40E-10	4.07E-11
2926	486324.61, 3855790.57	4.99E-07	1.57E-10	4.58E-11	4.92E-07	1.55E-10	4.52E-11	4.78E-07	1.51E-10	4.39E-11
2927	486374.61, 3855790.57	4.86E-07	1.53E-10	4.46E-11	4.79E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.27E-11
2928	486424.61, 3855790.57	4.83E-07	1.52E-10	4.43E-11	4.77E-07	1.50E-10	4.38E-11	4.63E-07	1.46E-10	4.25E-11
2929	486324.61, 3855840.57	5.12E-07	1.62E-10	4.70E-11	5.06E-07	1.60E-10	4.64E-11	4.91E-07	1.55E-10	4.51E-11
2930	486374.61, 3855840.57	5.10E-07	1.61E-10	4.68E-11	5.03E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
2931	486424.61, 3855840.57	5.04E-07	1.59E-10	4.63E-11	4.98E-07	1.57E-10	4.57E-11	4.83E-07	1.52E-10	4.44E-11
2932	486324.61, 3855890.57	5.35E-07	1.69E-10	4.91E-11	5.28E-07	1.67E-10	4.85E-11	5.13E-07	1.62E-10	4.71E-11
2933	486374.61, 3855890.57	5.32E-07	1.68E-10	4.89E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
2934	486424.61, 3855890.57	5.26E-07	1.66E-10	4.83E-11	5.19E-07	1.64E-10	4.76E-11	5.04E-07	1.59E-10	4.63E-11
2935	488735.69, 3858285.64	4.79E-05	1.51E-08	4.40E-09	4.73E-05	1.49E-08	4.34E-09	4.60E-05	1.45E-08	4.22E-09
2936	488765.69, 3858285.64	4.37E-05	1.38E-08	4.02E-09	4.32E-05	1.36E-08	3.96E-09	4.19E-05	1.32E-08	3.85E-09
2937	488735.69, 3858315.64	5.36E-05	1.69E-08	4.92E-09	5.29E-05	1.67E-08	4.86E-09	5.14E-05	1.62E-08	4.72E-09
2938	488765.69, 3858315.64	4.83E-05	1.52E-08	4.43E-09	4.77E-05	1.50E-08	4.37E-09	4.63E-05	1.46E-08	4.25E-09
2939	478676.63, 3849871.93	8.55E-08	2.70E-11	7.85E-12	8.44E-08	2.66E-11	7.75E-12	8.19E-08	2.59E-11	7.52E-12
2940	479326.63, 3849871.93	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
2941	479376.63, 3849871.93	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
2942	479426.63, 3849871.93	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
2943	478726.63, 3849921.93	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
2944	478776.63, 3849921.93	8.67E-08	2.74E-11	7.96E-12	8.55E-08	2.70E-11	7.85E-12	8.31E-08	2.62E-11	7.63E-12
2945	478826.63, 3849921.93	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
2946	478976.63, 3849921.93	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
2947	479026.63, 3849921.93	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
2948	479076.63, 3849921.93	8.80E-08	2.78E-11	8.08E-12	8.68E-08	2.74E-11	7.97E-12	8.43E-08	2.66E-11	7.74E-12
2949	479126.63, 3849921.93	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
2950	479176.63, 3849921.93	8.85E-08	2.79E-11	8.12E-12	8.73E-08	2.76E-11	8.02E-12	8.48E-08	2.68E-11	7.79E-12
2951	479226.63, 3849921.93	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
2952	479276.63, 3849921.93	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
2953	479326.63, 3849921.93	8.89E-08	2.81E-11	8.16E-12	8.77E-08	2.77E-11	8.05E-12	8.52E-08	2.69E-11	7.82E-12
2954	479376.63, 3849921.93	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
2955	479426.63, 3849921.93	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
2956	478726.63, 3849971.93	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
2957	478776.63, 3849971.93	8.75E-08	2.76E-11	8.03E-12	8.63E-08	2.72E-11	7.92E-12	8.38E-08	2.65E-11	7.69E-12
2958	478826.63, 3849971.93	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
2959	478976.63, 3849971.93	8.85E-08	2.79E-11	8.12E-12	8.73E-08	2.76E-11	8.02E-12	8.48E-08	2.68E-11	7.79E-12
2960	479026.63, 3849971.93	8.86E-08	2.80E-11	8.14E-12	8.75E-08	2.76E-11	8.03E-12	8.49E-08	2.68E-11	7.80E-12
2961	479076.63, 3849971.93	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
2962	479126.63, 3849971.93	8.90E-08	2.81E-11	8.17E-12	8.79E-08	2.77E-11	8.07E-12	8.53E-08	2.69E-11	7.83E-12
2963	479176.63, 3849971.93	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
2964	479226.63, 3849971.93	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
2965	479276.63, 3849971.93	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
2966	479326.63, 3849971.93	9.04E-08	2.85E-11	8.30E-12	8.93E-08	2.82E-11	8.19E-12	8.67E-08	2.74E-11	7.96E-12
2967	479376.63, 3849971.93	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
2968	479426.63, 3849971.93	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
2969	478726.63, 3850021.93	8.80E-08	2.78E-11	8.08E-12	8.68E-08	2.74E-11	7.97E-12	8.43E-08	2.66E-11	7.74E-12
2970	478776.63, 3850021.93	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
2971	478826.63, 3850021.93	8.84E-08	2.79E-11	8.11E-12	8.72E-08	2.75E-11	8.01E-12	8.47E-08	2.67E-11	7.77E-12
2972	478976.63, 3850021.93	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
2973	478726.63, 3850071.93	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
2974	478776.63, 3850071.93	8.89E-08	2.81E-11	8.16E-12	8.77E-08	2.77E-11	8.05E-12	8.52E-08	2.69E-11	7.82E-12
2975	478826.63, 3850071.93	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
2976	478876.63, 3850071.93	8.94E-08	2.82E-11	8.21E-12	8.82E-08	2.78E-11	8.10E-12	8.57E-08	2.70E-11	7.87E-12
2977	478976.63, 3850071.93	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
2978	478726.63, 3850121.93	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
2979	478776.63, 3850121.93	8.98E-08	2.83E-11	8.24E-12	8.86E-08	2.80E-11	8.14E-12	8.61E-08	2.72E-11	7.90E-12
2980	478826.63, 3850121.93	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
2981	478876.63, 3850121.93	9.02E-08	2.85E-11	8.28E-12	8.90E-08	2.81E-11	8.17E-12	8.64E-08	2.73E-11	7.93E-12
2982	478976.63, 3850121.93	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
2983	479026.63, 3850121.93	9.12E-08	2.88E-11	8.37E-12	9.00E-08	2.84E-11	8.27E-12	8.74E-08	2.76E-11	8.03E-12
2984	479076.63, 3850121.93	9.14E-08	2.88E-11	8.39E-12	9.02E-08	2.85E-11	8.28E-12	8.76E-08	2.76E-11	8.04E-12
2985	479126.63, 3850121.93	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12
2986	478776.63, 3850171.93	9.06E-08	2.86E-11	8.31E-12	8.94E-08	2.82E-11	8.21E-12	8.68E-08	2.74E-11	7.97E-12
2987	478826.63, 3850171.93	9.07E-08	2.86E-11	8.33E-12	8.95E-08	2.83E-11	8.22E-12	8.69E-08	2.74E-11	7.98E-12
2988	478876.63, 3850171.93	9.10E-08	2.87E-11	8.35E-12	8.98E-08	2.83E-11	8.24E-12	8.72E-08	2.75E-11	8.00E-12
2989	478976.63, 3850171.93	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12

2990	479026.63, 3850171.93	9.20E-08	2.90E-11	8.45E-12	9.08E-08	2.87E-11	8.34E-12	8.82E-08	2.78E-11	8.10E-12
2991	479076.63, 3850171.93	9.23E-08	2.91E-11	8.47E-12	9.11E-08	2.87E-11	8.36E-12	8.84E-08	2.79E-11	8.12E-12
2992	479126.63, 3850171.93	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
2993	479176.63, 3850171.93	9.29E-08	2.93E-11	8.53E-12	9.17E-08	2.89E-11	8.42E-12	8.91E-08	2.81E-11	8.18E-12
2994	479226.63, 3850171.93	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
2995	479276.63, 3850171.93	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
2996	479326.63, 3850171.93	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
2997	479376.63, 3850171.93	9.49E-08	2.99E-11	8.71E-12	9.36E-08	2.96E-11	8.60E-12	9.09E-08	2.87E-11	8.35E-12
2998	478676.63, 3850221.93	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
2999	478726.63, 3850221.93	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
3000	478976.63, 3850221.93	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
3001	479026.63, 3850221.93	9.29E-08	2.93E-11	8.53E-12	9.17E-08	2.89E-11	8.42E-12	8.91E-08	2.81E-11	8.18E-12
3002	479076.63, 3850221.93	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
3003	479126.63, 3850221.93	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
3004	479176.63, 3850221.93	9.41E-08	2.97E-11	8.64E-12	9.29E-08	2.93E-11	8.52E-12	9.02E-08	2.85E-11	8.28E-12
3005	479226.63, 3850221.93	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
3006	479276.63, 3850221.93	9.53E-08	3.01E-11	8.75E-12	9.40E-08	2.97E-11	8.63E-12	9.13E-08	2.88E-11	8.38E-12
3007	479326.63, 3850221.93	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
3008	479376.63, 3850221.93	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3009	478676.63, 3850271.93	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12
3010	478726.63, 3850271.93	9.19E-08	2.90E-11	8.43E-12	9.07E-08	2.86E-11	8.32E-12	8.81E-08	2.78E-11	8.08E-12
3011	478976.63, 3850271.93	9.33E-08	2.94E-11	8.57E-12	9.21E-08	2.91E-11	8.45E-12	8.94E-08	2.82E-11	8.21E-12
3012	479026.63, 3850271.93	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
3013	479076.63, 3850271.93	9.41E-08	2.97E-11	8.64E-12	9.29E-08	2.93E-11	8.52E-12	9.02E-08	2.85E-11	8.28E-12
3014	479126.63, 3850271.93	9.43E-08	2.98E-11	8.66E-12	9.31E-08	2.94E-11	8.55E-12	9.04E-08	2.85E-11	8.30E-12
3015	479176.63, 3850271.93	9.49E-08	2.99E-11	8.71E-12	9.36E-08	2.96E-11	8.60E-12	9.09E-08	2.87E-11	8.35E-12
3016	479226.63, 3850271.93	9.54E-08	3.01E-11	8.76E-12	9.41E-08	2.97E-11	8.64E-12	9.14E-08	2.89E-11	8.39E-12
3017	479276.63, 3850271.93	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3018	479326.63, 3850271.93	9.60E-08	3.03E-11	8.82E-12	9.48E-08	2.99E-11	8.70E-12	9.20E-08	2.91E-11	8.45E-12
3019	479376.63, 3850271.93	9.62E-08	3.04E-11	8.83E-12	9.49E-08	3.00E-11	8.71E-12	9.22E-08	2.91E-11	8.46E-12
3020	479053.24, 3850293.52	9.42E-08	2.97E-11	8.65E-12	9.30E-08	2.93E-11	8.54E-12	9.03E-08	2.85E-11	8.29E-12
3021	479103.24, 3850293.52	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
3022	479153.24, 3850293.52	9.50E-08	3.00E-11	8.72E-12	9.38E-08	2.96E-11	8.61E-12	9.10E-08	2.87E-11	8.36E-12
3023	479203.24, 3850293.52	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
3024	479253.24, 3850293.52	9.59E-08	3.03E-11	8.80E-12	9.47E-08	2.99E-11	8.69E-12	9.19E-08	2.90E-11	8.44E-12
3025	479303.24, 3850293.52	9.62E-08	3.04E-11	8.83E-12	9.49E-08	3.00E-11	8.71E-12	9.22E-08	2.91E-11	8.46E-12
3026	479353.24, 3850293.52	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
3027	479153.24, 3850343.52	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3028	479203.24, 3850343.52	9.62E-08	3.04E-11	8.83E-12	9.49E-08	3.00E-11	8.71E-12	9.22E-08	2.91E-11	8.46E-12
3029	479253.24, 3850343.52	9.66E-08	3.05E-11	8.86E-12	9.53E-08	3.01E-11	8.75E-12	9.25E-08	2.92E-11	8.50E-12
3030	479303.24, 3850343.52	9.67E-08	3.05E-11	8.88E-12	9.54E-08	3.01E-11	8.76E-12	9.27E-08	2.92E-11	8.51E-12
3031	479353.24, 3850343.52	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
3032	479203.24, 3850393.52	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
3033	479253.24, 3850393.52	9.72E-08	3.07E-11	8.92E-12	9.59E-08	3.03E-11	8.81E-12	9.32E-08	2.94E-11	8.55E-12
3034	479303.24, 3850393.52	9.73E-08	3.07E-11	8.94E-12	9.61E-08	3.03E-11	8.82E-12	9.33E-08	2.94E-11	8.56E-12
3035	479353.24, 3850393.52	9.76E-08	3.08E-11	8.96E-12	9.63E-08	3.04E-11	8.84E-12	9.35E-08	2.95E-11	8.59E-12
3036	479403.24, 3850393.52	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
3037	479453.24, 3850393.52	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
3038	479503.24, 3850393.52	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
3039	479303.24, 3850443.52	9.80E-08	3.09E-11	9.00E-12	9.67E-08	3.05E-11	8.88E-12	9.39E-08	2.96E-11	8.62E-12
3040	479353.24, 3850443.52	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3041	479403.24, 3850443.52	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3042	479453.24, 3850443.52	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
3043	479503.24, 3850443.52	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
3044	480327.18, 3850987.04	1.15E-07	3.64E-11	1.06E-11	1.14E-07	3.60E-11	1.05E-11	1.11E-07	3.49E-11	1.02E-11
3045	480377.18, 3850987.04	1.16E-07	3.67E-11	1.07E-11	1.15E-07	3.62E-11	1.05E-11	1.11E-07	3.52E-11	1.02E-11
3046	480427.18, 3850987.04	1.17E-07	3.69E-11	1.07E-11	1.15E-07	3.64E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
3047	480477.18, 3850987.04	1.18E-07	3.71E-11	1.08E-11	1.16E-07	3.66E-11	1.06E-11	1.13E-07	3.55E-11	1.03E-11
3048	480327.18, 3851037.04	1.16E-07	3.66E-11	1.06E-11	1.14E-07	3.61E-11	1.05E-11	1.11E-07	3.51E-11	1.02E-11
3049	480377.18, 3851037.04	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
3050	480427.18, 3851037.04	1.17E-07	3.70E-11	1.08E-11	1.16E-07	3.65E-11	1.06E-11	1.12E-07	3.55E-11	1.03E-11
3051	480477.18, 3851037.04	1.18E-07	3.73E-11	1.08E-11	1.16E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3052	480622.06, 3851087.39	1.21E-07	3.82E-11	1.11E-11	1.19E-07	3.77E-11	1.10E-11	1.16E-07	3.66E-11	1.06E-11
3053	480672.06, 3851087.39	1.22E-07	3.86E-11	1.12E-11	1.21E-07	3.81E-11	1.11E-11	1.17E-07	3.70E-11	1.08E-11
3054	480622.06, 3851137.39	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.16E-07	3.68E-11	1.07E-11
3055	480672.06, 3851137.39	1.23E-07	3.87E-11	1.13E-11	1.21E-07	3.82E-11	1.11E-11	1.17E-07	3.71E-11	1.08E-11
3056	480722.06, 3851137.39	1.24E-07	3.91E-11	1.14E-11	1.22E-07	3.86E-11	1.12E-11	1.19E-07	3.74E-11	1.09E-11
3057	480622.06, 3851187.39	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.11E-11	1.17E-07	3.69E-11	1.07E-11
3058	480672.06, 3851187.39	1.23E-07	3.89E-11	1.13E-11	1.22E-07	3.83E-11	1.12E-11	1.18E-07	3.72E-11	1.08E-11
3059	480722.06, 3851187.39	1.24E-07	3.92E-11	1.14E-11	1.23E-07	3.87E-11	1.13E-11	1.19E-07	3.76E-11	1.09E-11
3060	471363.09, 3845877.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3061	471863.09, 3845877.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3062	472363.09, 3845877.25	3.55E-08	1.12E-11	3.26E-12	3.51E-08	1.11E-11	3.22E-12	3.40E-08	1.07E-11	3.13E-12

3063	472863.09, 3845877.25	3.14E-08	9.90E-12	2.88E-12	3.10E-08	9.77E-12	2.84E-12	3.01E-08	9.49E-12	2.76E-12
3064	473363.09, 3845877.25	3.18E-08	1.00E-11	2.92E-12	3.13E-08	9.89E-12	2.88E-12	3.04E-08	9.60E-12	2.79E-12
3065	473863.09, 3845877.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3066	474363.09, 3845877.25	3.57E-08	1.13E-11	3.27E-12	3.52E-08	1.11E-11	3.23E-12	3.42E-08	1.08E-11	3.14E-12
3067	474863.09, 3845877.25	3.77E-08	1.19E-11	3.46E-12	3.72E-08	1.18E-11	3.42E-12	3.62E-08	1.14E-11	3.32E-12
3068	475363.09, 3845877.25	4.10E-08	1.29E-11	3.76E-12	4.05E-08	1.28E-11	3.71E-12	3.93E-08	1.24E-11	3.61E-12
3069	475863.09, 3845877.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3070	476363.09, 3845877.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3071	476863.09, 3845877.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3072	477363.09, 3845877.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3073	477863.09, 3845877.25	4.01E-08	1.27E-11	3.68E-12	3.96E-08	1.25E-11	3.63E-12	3.84E-08	1.21E-11	3.53E-12
3074	478363.09, 3845877.25	3.66E-08	1.15E-11	3.36E-12	3.61E-08	1.14E-11	3.31E-12	3.50E-08	1.11E-11	3.22E-12
3075	478863.09, 3845877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3076	479363.09, 3845877.25	3.66E-08	1.15E-11	3.36E-12	3.61E-08	1.14E-11	3.31E-12	3.50E-08	1.11E-11	3.22E-12
3077	479863.09, 3845877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3078	480363.09, 3845877.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3079	480863.09, 3845877.25	2.82E-08	8.91E-12	2.59E-12	2.79E-08	8.80E-12	2.56E-12	2.71E-08	8.54E-12	2.48E-12
3080	481363.09, 3845877.25	2.59E-08	8.17E-12	2.38E-12	2.56E-08	8.07E-12	2.35E-12	2.48E-08	7.83E-12	2.28E-12
3081	481863.09, 3845877.25	2.33E-08	7.35E-12	2.14E-12	2.30E-08	7.26E-12	2.11E-12	2.23E-08	7.05E-12	2.05E-12
3082	482363.09, 3845877.25	2.06E-08	6.49E-12	1.89E-12	2.03E-08	6.40E-12	1.86E-12	1.97E-08	6.22E-12	1.81E-12
3083	482863.09, 3845877.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3084	483363.09, 3845877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3085	483863.09, 3845877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3086	484363.09, 3845877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3087	484863.09, 3845877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3088	485363.09, 3845877.25	1.54E-08	4.85E-12	1.41E-12	1.52E-08	4.78E-12	1.39E-12	1.47E-08	4.64E-12	1.35E-12
3089	485863.09, 3845877.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3090	486363.09, 3845877.25	1.50E-08	4.72E-12	1.37E-12	1.48E-08	4.66E-12	1.36E-12	1.43E-08	4.53E-12	1.32E-12
3091	486863.09, 3845877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3092	487363.09, 3845877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3093	487863.09, 3845877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3094	488363.09, 3845877.25	1.26E-08	3.98E-12	1.16E-12	1.25E-08	3.93E-12	1.14E-12	1.21E-08	3.82E-12	1.11E-12
3095	488863.09, 3845877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3096	489363.09, 3845877.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3097	489863.09, 3845877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3098	490363.09, 3845877.25	1.18E-08	3.74E-12	1.09E-12	1.17E-08	3.69E-12	1.07E-12	1.13E-08	3.58E-12	1.04E-12
3099	490863.09, 3845877.25	1.00E-08	3.16E-12	9.20E-13	9.89E-09	3.12E-12	9.08E-13	9.60E-09	3.03E-12	8.82E-13
3100	491363.09, 3845877.25	1.04E-08	3.29E-12	9.56E-13	1.03E-08	3.24E-12	9.43E-13	9.98E-09	3.15E-12	9.16E-13
3101	491863.09, 3845877.25	1.07E-08	3.37E-12	9.80E-13	1.05E-08	3.32E-12	9.67E-13	1.02E-08	3.23E-12	9.39E-13
3102	492363.09, 3845877.25	9.89E-09	3.12E-12	9.08E-13	9.76E-09	3.08E-12	8.96E-13	9.48E-09	2.99E-12	8.70E-13
3103	492863.09, 3845877.25	1.11E-08	3.49E-12	1.02E-12	1.09E-08	3.45E-12	1.00E-12	1.06E-08	3.35E-12	9.73E-13
3104	493363.09, 3845877.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3105	493863.09, 3845877.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3106	494363.09, 3845877.25	1.18E-08	3.74E-12	1.09E-12	1.17E-08	3.69E-12	1.07E-12	1.13E-08	3.58E-12	1.04E-12
3107	494863.09, 3845877.25	1.22E-08	3.86E-12	1.12E-12	1.21E-08	3.81E-12	1.11E-12	1.17E-08	3.70E-12	1.08E-12
3108	495363.09, 3845877.25	1.24E-08	3.90E-12	1.13E-12	1.22E-08	3.85E-12	1.12E-12	1.18E-08	3.74E-12	1.09E-12
3109	495863.09, 3845877.25	1.25E-08	3.94E-12	1.15E-12	1.23E-08	3.89E-12	1.13E-12	1.20E-08	3.78E-12	1.10E-12
3110	496363.09, 3845877.25	1.28E-08	4.03E-12	1.17E-12	1.26E-08	3.97E-12	1.16E-12	1.22E-08	3.86E-12	1.12E-12
3111	496863.09, 3845877.25	1.24E-08	3.90E-12	1.13E-12	1.22E-08	3.85E-12	1.12E-12	1.18E-08	3.74E-12	1.09E-12
3112	497363.09, 3845877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3113	497863.09, 3845877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3114	498363.09, 3845877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3115	471363.09, 3846377.25	4.80E-08	1.52E-11	4.41E-12	4.74E-08	1.50E-11	4.35E-12	4.60E-08	1.45E-11	4.23E-12
3116	471863.09, 3846377.25	4.52E-08	1.43E-11	4.15E-12	4.46E-08	1.41E-11	4.09E-12	4.33E-08	1.37E-11	3.97E-12
3117	472363.09, 3846377.25	3.47E-08	1.10E-11	3.19E-12	3.43E-08	1.08E-11	3.15E-12	3.33E-08	1.05E-11	3.06E-12
3118	472863.09, 3846377.25	3.55E-08	1.12E-11	3.26E-12	3.51E-08	1.11E-11	3.22E-12	3.40E-08	1.07E-11	3.13E-12
3119	473363.09, 3846377.25	3.59E-08	1.13E-11	3.30E-12	3.54E-08	1.12E-11	3.25E-12	3.44E-08	1.09E-11	3.16E-12
3120	473863.09, 3846377.25	3.72E-08	1.17E-11	3.42E-12	3.67E-08	1.16E-11	3.37E-12	3.57E-08	1.13E-11	3.27E-12
3121	474363.09, 3846377.25	3.81E-08	1.20E-11	3.50E-12	3.76E-08	1.19E-11	3.45E-12	3.65E-08	1.15E-11	3.35E-12
3122	474863.09, 3846377.25	4.07E-08	1.29E-11	3.74E-12	4.02E-08	1.27E-11	3.69E-12	3.90E-08	1.23E-11	3.58E-12
3123	475363.09, 3846377.25	4.24E-08	1.34E-11	3.89E-12	4.19E-08	1.32E-11	3.84E-12	4.07E-08	1.28E-11	3.73E-12
3124	475863.09, 3846377.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12
3125	476363.09, 3846377.25	4.80E-08	1.52E-11	4.41E-12	4.74E-08	1.50E-11	4.35E-12	4.60E-08	1.45E-11	4.23E-12
3126	476863.09, 3846377.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3127	477363.09, 3846377.25	4.67E-08	1.47E-11	4.29E-12	4.61E-08	1.46E-11	4.23E-12	4.48E-08	1.41E-11	4.11E-12
3128	477863.09, 3846377.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
3129	478363.09, 3846377.25	4.29E-08	1.36E-11	3.94E-12	4.24E-08	1.34E-11	3.89E-12	4.12E-08	1.30E-11	3.78E-12
3130	478863.09, 3846377.25	4.05E-08	1.28E-11	3.72E-12	3.99E-08	1.26E-11	3.67E-12	3.88E-08	1.22E-11	3.56E-12
3131	479363.09, 3846377.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3132	479863.09, 3846377.25	3.88E-08	1.22E-11	3.56E-12	3.83E-08	1.21E-11	3.51E-12	3.72E-08	1.17E-11	3.41E-12
3133	480363.09, 3846377.25	3.75E-08	1.18E-11	3.44E-12	3.70E-08	1.17E-11	3.40E-12	3.59E-08	1.13E-11	3.30E-12
3134	480863.09, 3846377.25	3.18E-08	1.00E-11	2.92E-12	3.13E-08	9.89E-12	2.88E-12	3.04E-08	9.60E-12	2.79E-12
3135	481363.09, 3846377.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12

3136 481863.09, 3846377.25	2.75E-08	8.67E-12	2.52E-12	2.71E-08	8.55E-12	2.49E-12	2.63E-08	8.31E-12	2.42E-12
3137 482363.09, 3846377.25	2.38E-08	7.52E-12	2.19E-12	2.35E-08	7.42E-12	2.16E-12	2.28E-08	7.20E-12	2.10E-12
3138 482863.09, 3846377.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3139 483363.09, 3846377.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3140 483863.09, 3846377.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3141 484363.09, 3846377.25	1.72E-08	5.42E-12	1.58E-12	1.70E-08	5.35E-12	1.56E-12	1.65E-08	5.20E-12	1.51E-12
3142 484863.09, 3846377.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3143 485363.09, 3846377.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3144 485863.09, 3846377.25	1.69E-08	5.34E-12	1.55E-12	1.67E-08	5.27E-12	1.53E-12	1.62E-08	5.12E-12	1.49E-12
3145 486363.09, 3846377.25	1.50E-08	4.72E-12	1.37E-12	1.48E-08	4.66E-12	1.36E-12	1.43E-08	4.53E-12	1.32E-12
3146 486863.09, 3846377.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3147 487363.09, 3846377.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3148 487863.09, 3846377.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3149 488363.09, 3846377.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3150 488863.09, 3846377.25	1.48E-08	4.68E-12	1.36E-12	1.46E-08	4.62E-12	1.34E-12	1.42E-08	4.49E-12	1.31E-12
3151 489363.09, 3846377.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3152 489863.09, 3846377.25	1.41E-08	4.44E-12	1.29E-12	1.39E-08	4.38E-12	1.27E-12	1.35E-08	4.25E-12	1.24E-12
3153 490363.09, 3846377.25	1.21E-08	3.82E-12	1.11E-12	1.19E-08	3.77E-12	1.10E-12	1.16E-08	3.66E-12	1.06E-12
3154 490863.09, 3846377.25	1.12E-08	3.53E-12	1.03E-12	1.10E-08	3.49E-12	1.01E-12	1.07E-08	3.39E-12	9.85E-13
3155 491363.09, 3846377.25	1.07E-08	3.37E-12	9.80E-13	1.05E-08	3.32E-12	9.67E-13	1.02E-08	3.23E-12	9.39E-13
3156 491863.09, 3846377.25	1.15E-08	3.61E-12	1.05E-12	1.13E-08	3.57E-12	1.04E-12	1.10E-08	3.46E-12	1.01E-12
3157 492363.09, 3846377.25	1.13E-08	3.57E-12	1.04E-12	1.12E-08	3.53E-12	1.03E-12	1.09E-08	3.42E-12	9.96E-13
3158 492863.09, 3846377.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3159 493363.09, 3846377.25	1.22E-08	3.86E-12	1.12E-12	1.21E-08	3.81E-12	1.11E-12	1.17E-08	3.70E-12	1.08E-12
3160 493863.09, 3846377.25	1.21E-08	3.82E-12	1.11E-12	1.19E-08	3.77E-12	1.10E-12	1.16E-08	3.66E-12	1.06E-12
3161 494363.09, 3846377.25	1.26E-08	3.98E-12	1.16E-12	1.25E-08	3.93E-12	1.14E-12	1.21E-08	3.82E-12	1.11E-12
3162 494863.09, 3846377.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3163 495363.09, 3846377.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3164 495863.09, 3846377.25	1.33E-08	4.19E-12	1.22E-12	1.31E-08	4.13E-12	1.20E-12	1.27E-08	4.02E-12	1.17E-12
3165 496363.09, 3846377.25	1.31E-08	4.15E-12	1.21E-12	1.30E-08	4.09E-12	1.19E-12	1.26E-08	3.98E-12	1.16E-12
3166 496863.09, 3846377.25	1.34E-08	4.23E-12	1.23E-12	1.32E-08	4.18E-12	1.21E-12	1.28E-08	4.05E-12	1.18E-12
3167 497363.09, 3846377.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3168 497863.09, 3846377.25	1.48E-08	4.68E-12	1.36E-12	1.46E-08	4.62E-12	1.34E-12	1.42E-08	4.49E-12	1.31E-12
3169 498363.09, 3846377.25	1.51E-08	4.76E-12	1.39E-12	1.49E-08	4.70E-12	1.37E-12	1.45E-08	4.57E-12	1.33E-12
3170 471363.09, 3846877.25	5.01E-08	1.58E-11	4.60E-12	4.94E-08	1.56E-11	4.54E-12	4.80E-08	1.52E-11	4.41E-12
3171 471863.09, 3846877.25	5.13E-08	1.62E-11	4.71E-12	5.06E-08	1.60E-11	4.65E-12	4.91E-08	1.55E-11	4.51E-12
3172 472363.09, 3846877.25	5.04E-08	1.59E-11	4.62E-12	4.97E-08	1.57E-11	4.56E-12	4.83E-08	1.52E-11	4.43E-12
3173 472863.09, 3846877.25	3.67E-08	1.16E-11	3.37E-12	3.62E-08	1.14E-11	3.33E-12	3.52E-08	1.11E-11	3.23E-12
3174 473363.09, 3846877.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3175 473863.09, 3846877.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3176 474363.09, 3846877.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3177 474863.09, 3846877.25	4.22E-08	1.33E-11	3.87E-12	4.16E-08	1.31E-11	3.82E-12	4.04E-08	1.28E-11	3.71E-12
3178 475363.09, 3846877.25	4.29E-08	1.36E-11	3.94E-12	4.24E-08	1.34E-11	3.89E-12	4.12E-08	1.30E-11	3.78E-12
3179 475863.09, 3846877.25	4.63E-08	1.46E-11	4.25E-12	4.57E-08	1.44E-11	4.20E-12	4.44E-08	1.40E-11	4.08E-12
3180 476363.09, 3846877.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3181 476863.09, 3846877.25	5.17E-08	1.63E-11	4.74E-12	5.10E-08	1.61E-11	4.68E-12	4.95E-08	1.56E-11	4.55E-12
3182 477363.09, 3846877.25	5.23E-08	1.65E-11	4.80E-12	5.16E-08	1.63E-11	4.74E-12	5.01E-08	1.58E-11	4.60E-12
3183 477863.09, 3846877.25	4.98E-08	1.57E-11	4.58E-12	4.92E-08	1.55E-11	4.52E-12	4.78E-08	1.51E-11	4.39E-12
3184 478363.09, 3846877.25	5.02E-08	1.59E-11	4.61E-12	4.96E-08	1.56E-11	4.55E-12	4.81E-08	1.52E-11	4.42E-12
3185 478863.09, 3846877.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3186 479363.09, 3846877.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
3187 479863.09, 3846877.25	3.80E-08	1.20E-11	3.49E-12	3.75E-08	1.18E-11	3.44E-12	3.64E-08	1.15E-11	3.34E-12
3188 480363.09, 3846877.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3189 480863.09, 3846877.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3190 481363.09, 3846877.25	3.15E-08	9.94E-12	2.89E-12	3.11E-08	9.81E-12	2.85E-12	3.02E-08	9.53E-12	2.77E-12
3191 481863.09, 3846877.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3192 482363.09, 3846877.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3193 482863.09, 3846877.25	2.42E-08	7.64E-12	2.22E-12	2.39E-08	7.54E-12	2.19E-12	2.32E-08	7.32E-12	2.13E-12
3194 483363.09, 3846877.25	2.24E-08	7.06E-12	2.05E-12	2.21E-08	6.97E-12	2.03E-12	2.15E-08	6.77E-12	1.97E-12
3195 483863.09, 3846877.25	2.10E-08	6.61E-12	1.92E-12	2.07E-08	6.53E-12	1.90E-12	2.01E-08	6.34E-12	1.84E-12
3196 484363.09, 3846877.25	2.11E-08	6.65E-12	1.94E-12	2.08E-08	6.57E-12	1.91E-12	2.02E-08	6.38E-12	1.85E-12
3197 484863.09, 3846877.25	2.06E-08	6.49E-12	1.89E-12	2.03E-08	6.40E-12	1.86E-12	1.97E-08	6.22E-12	1.81E-12
3198 485363.09, 3846877.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3199 485863.09, 3846877.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3200 486363.09, 3846877.25	1.98E-08	6.24E-12	1.82E-12	1.95E-08	6.16E-12	1.79E-12	1.90E-08	5.98E-12	1.74E-12
3201 486863.09, 3846877.25	1.76E-08	5.54E-12	1.61E-12	1.73E-08	5.47E-12	1.59E-12	1.68E-08	5.31E-12	1.55E-12
3202 487363.09, 3846877.25	1.80E-08	5.67E-12	1.65E-12	1.77E-08	5.59E-12	1.63E-12	1.72E-08	5.43E-12	1.58E-12
3203 487863.09, 3846877.25	1.77E-08	5.59E-12	1.62E-12	1.75E-08	5.51E-12	1.60E-12	1.70E-08	5.35E-12	1.56E-12
3204 488363.09, 3846877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3205 488863.09, 3846877.25	1.63E-08	5.13E-12	1.49E-12	1.61E-08	5.07E-12	1.47E-12	1.56E-08	4.92E-12	1.43E-12
3206 489363.09, 3846877.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3207 489863.09, 3846877.25	1.55E-08	4.89E-12	1.42E-12	1.53E-08	4.82E-12	1.40E-12	1.48E-08	4.68E-12	1.36E-12
3208 490363.09, 3846877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12

3209	490863.09, 3846877.25	1.29E-08	4.07E-12	1.18E-12	1.27E-08	4.01E-12	1.17E-12	1.23E-08	3.90E-12	1.13E-12
3210	491363.09, 3846877.25	1.22E-08	3.86E-12	1.12E-12	1.21E-08	3.81E-12	1.11E-12	1.17E-08	3.70E-12	1.08E-12
3211	491863.09, 3846877.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3212	492363.09, 3846877.25	1.28E-08	4.03E-12	1.17E-12	1.26E-08	3.97E-12	1.16E-12	1.22E-08	3.86E-12	1.12E-12
3213	492863.09, 3846877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3214	493363.09, 3846877.25	1.33E-08	4.19E-12	1.22E-12	1.31E-08	4.13E-12	1.20E-12	1.27E-08	4.02E-12	1.17E-12
3215	493863.09, 3846877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3216	494363.09, 3846877.25	1.34E-08	4.23E-12	1.23E-12	1.32E-08	4.18E-12	1.21E-12	1.28E-08	4.05E-12	1.18E-12
3217	494863.09, 3846877.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3218	495363.09, 3846877.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3219	495863.09, 3846877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3220	496363.09, 3846877.25	1.33E-08	4.19E-12	1.22E-12	1.31E-08	4.13E-12	1.20E-12	1.27E-08	4.02E-12	1.17E-12
3221	496863.09, 3846877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3222	497363.09, 3846877.25	1.57E-08	4.97E-12	1.45E-12	1.55E-08	4.90E-12	1.43E-12	1.51E-08	4.76E-12	1.39E-12
3223	497863.09, 3846877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3224	498363.09, 3846877.25	1.72E-08	5.42E-12	1.58E-12	1.70E-08	5.35E-12	1.56E-12	1.65E-08	5.20E-12	1.51E-12
3225	471363.09, 3847377.25	5.26E-08	1.66E-11	4.83E-12	5.19E-08	1.64E-11	4.76E-12	5.04E-08	1.59E-11	4.63E-12
3226	471863.09, 3847377.25	5.34E-08	1.68E-11	4.90E-12	5.27E-08	1.66E-11	4.83E-12	5.11E-08	1.61E-11	4.69E-12
3227	472363.09, 3847377.25	5.44E-08	1.72E-11	4.99E-12	5.37E-08	1.69E-11	4.93E-12	5.21E-08	1.65E-11	4.79E-12
3228	472863.09, 3847377.25	5.37E-08	1.70E-11	4.93E-12	5.30E-08	1.67E-11	4.87E-12	5.15E-08	1.63E-11	4.73E-12
3229	473363.09, 3847377.25	4.63E-08	1.46E-11	4.25E-12	4.57E-08	1.44E-11	4.20E-12	4.44E-08	1.40E-11	4.08E-12
3230	473863.09, 3847377.25	4.59E-08	1.45E-11	4.22E-12	4.53E-08	1.43E-11	4.16E-12	4.40E-08	1.39E-11	4.04E-12
3231	474363.09, 3847377.25	4.85E-08	1.53E-11	4.46E-12	4.79E-08	1.51E-11	4.40E-12	4.65E-08	1.47E-11	4.27E-12
3232	474863.09, 3847377.25	4.68E-08	1.48E-11	4.30E-12	4.62E-08	1.46E-11	4.24E-12	4.49E-08	1.42E-11	4.12E-12
3233	475363.09, 3847377.25	4.50E-08	1.42E-11	4.13E-12	4.44E-08	1.40E-11	4.08E-12	4.32E-08	1.36E-11	3.96E-12
3234	475863.09, 3847377.25	4.85E-08	1.53E-11	4.46E-12	4.79E-08	1.51E-11	4.40E-12	4.65E-08	1.47E-11	4.27E-12
3235	476363.09, 3847377.25	5.28E-08	1.67E-11	4.85E-12	5.21E-08	1.65E-11	4.79E-12	5.06E-08	1.60E-11	4.65E-12
3236	476863.09, 3847377.25	5.31E-08	1.68E-11	4.87E-12	5.24E-08	1.65E-11	4.81E-12	5.09E-08	1.61E-11	4.67E-12
3237	477363.09, 3847377.25	5.71E-08	1.80E-11	5.24E-12	5.64E-08	1.78E-11	5.18E-12	5.48E-08	1.73E-11	5.03E-12
3238	477863.09, 3847377.25	5.67E-08	1.79E-11	5.21E-12	5.60E-08	1.77E-11	5.14E-12	5.44E-08	1.72E-11	4.99E-12
3239	478363.09, 3847377.25	5.56E-08	1.75E-11	5.10E-12	5.48E-08	1.73E-11	5.03E-12	5.33E-08	1.68E-11	4.89E-12
3240	478863.09, 3847377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3241	479363.09, 3847377.25	4.74E-08	1.50E-11	4.35E-12	4.68E-08	1.48E-11	4.29E-12	4.54E-08	1.43E-11	4.17E-12
3242	479863.09, 3847377.25	3.64E-08	1.15E-11	3.35E-12	3.60E-08	1.14E-11	3.30E-12	3.49E-08	1.10E-11	3.21E-12
3243	480363.09, 3847377.25	2.73E-08	8.63E-12	2.51E-12	2.70E-08	8.51E-12	2.48E-12	2.62E-08	8.27E-12	2.40E-12
3244	480863.09, 3847377.25	2.43E-08	7.68E-12	2.23E-12	2.40E-08	7.58E-12	2.20E-12	2.33E-08	7.36E-12	2.14E-12
3245	481363.09, 3847377.25	2.62E-08	8.26E-12	2.40E-12	2.58E-08	8.15E-12	2.37E-12	2.51E-08	7.91E-12	2.30E-12
3246	481863.09, 3847377.25	3.28E-08	1.04E-11	3.01E-12	3.24E-08	1.02E-11	2.97E-12	3.14E-08	9.92E-12	2.89E-12
3247	482363.09, 3847377.25	3.15E-08	9.94E-12	2.89E-12	3.11E-08	9.81E-12	2.85E-12	3.02E-08	9.53E-12	2.77E-12
3248	482863.09, 3847377.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3249	483363.09, 3847377.25	2.59E-08	8.17E-12	2.38E-12	2.56E-08	8.07E-12	2.35E-12	2.48E-08	7.83E-12	2.28E-12
3250	483863.09, 3847377.25	2.42E-08	7.64E-12	2.22E-12	2.39E-08	7.54E-12	2.19E-12	2.32E-08	7.32E-12	2.13E-12
3251	484363.09, 3847377.25	2.46E-08	7.76E-12	2.26E-12	2.43E-08	7.66E-12	2.23E-12	2.36E-08	7.44E-12	2.16E-12
3252	484863.09, 3847377.25	2.38E-08	7.52E-12	2.19E-12	2.35E-08	7.42E-12	2.16E-12	2.28E-08	7.20E-12	2.10E-12
3253	485363.09, 3847377.25	2.36E-08	7.43E-12	2.16E-12	2.32E-08	7.34E-12	2.13E-12	2.26E-08	7.12E-12	2.07E-12
3254	485863.09, 3847377.25	2.32E-08	7.31E-12	2.13E-12	2.29E-08	7.22E-12	2.10E-12	2.22E-08	7.01E-12	2.04E-12
3255	486363.09, 3847377.25	2.30E-08	7.27E-12	2.11E-12	2.27E-08	7.18E-12	2.09E-12	2.21E-08	6.97E-12	2.03E-12
3256	486863.09, 3847377.25	2.10E-08	6.61E-12	1.92E-12	2.07E-08	6.53E-12	1.90E-12	2.01E-08	6.34E-12	1.84E-12
3257	487363.09, 3847377.25	2.12E-08	6.69E-12	1.95E-12	2.09E-08	6.61E-12	1.92E-12	2.03E-08	6.42E-12	1.87E-12
3258	487863.09, 3847377.25	1.97E-08	6.20E-12	1.80E-12	1.94E-08	6.12E-12	1.78E-12	1.88E-08	5.94E-12	1.73E-12
3259	488363.09, 3847377.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3260	488863.09, 3847377.25	1.81E-08	5.71E-12	1.66E-12	1.79E-08	5.63E-12	1.64E-12	1.73E-08	5.47E-12	1.59E-12
3261	489363.09, 3847377.25	1.78E-08	5.63E-12	1.64E-12	1.76E-08	5.55E-12	1.62E-12	1.71E-08	5.39E-12	1.57E-12
3262	489863.09, 3847377.25	1.67E-08	5.26E-12	1.53E-12	1.64E-08	5.19E-12	1.51E-12	1.60E-08	5.04E-12	1.47E-12
3263	490363.09, 3847377.25	1.54E-08	4.85E-12	1.41E-12	1.52E-08	4.78E-12	1.39E-12	1.47E-08	4.64E-12	1.35E-12
3264	490863.09, 3847377.25	1.48E-08	4.68E-12	1.36E-12	1.46E-08	4.62E-12	1.34E-12	1.42E-08	4.49E-12	1.31E-12
3265	491363.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3266	491863.09, 3847377.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3267	492363.09, 3847377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3268	492863.09, 3847377.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3269	493363.09, 3847377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3270	493863.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3271	494363.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3272	494863.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3273	495363.09, 3847377.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3274	495863.09, 3847377.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3275	496363.09, 3847377.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3276	496863.09, 3847377.25	1.51E-08	4.76E-12	1.39E-12	1.49E-08	4.70E-12	1.37E-12	1.45E-08	4.57E-12	1.33E-12
3277	497363.09, 3847377.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3278	497863.09, 3847377.25	1.78E-08	5.63E-12	1.64E-12	1.76E-08	5.55E-12	1.62E-12	1.71E-08	5.39E-12	1.57E-12
3279	498363.09, 3847377.25	1.94E-08	6.12E-12	1.78E-12	1.91E-08	6.04E-12	1.76E-12	1.86E-08	5.87E-12	1.71E-12
3280	471363.09, 3847877.25	5.44E-08	1.72E-11	4.99E-12	5.37E-08	1.69E-11	4.93E-12	5.21E-08	1.65E-11	4.79E-12
3281	471863.09, 3847877.25	5.63E-08	1.78E-11	5.17E-12	5.56E-08	1.76E-11	5.11E-12	5.40E-08	1.70E-11	4.96E-12

3282	472363.09, 3847877.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3283	472863.09, 3847877.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3284	473363.09, 3847877.25	5.95E-08	1.88E-11	5.46E-12	5.87E-08	1.85E-11	5.39E-12	5.70E-08	1.80E-11	5.23E-12
3285	473863.09, 3847877.25	5.80E-08	1.83E-11	5.33E-12	5.73E-08	1.81E-11	5.26E-12	5.56E-08	1.76E-11	5.11E-12
3286	474363.09, 3847877.25	5.11E-08	1.61E-11	4.70E-12	5.05E-08	1.59E-11	4.63E-12	4.90E-08	1.55E-11	4.50E-12
3287	474863.09, 3847877.25	5.37E-08	1.70E-11	4.93E-12	5.30E-08	1.67E-11	4.87E-12	5.15E-08	1.63E-11	4.73E-12
3288	475363.09, 3847877.25	5.15E-08	1.63E-11	4.73E-12	5.09E-08	1.61E-11	4.67E-12	4.94E-08	1.56E-11	4.53E-12
3289	475863.09, 3847877.25	4.91E-08	1.55E-11	4.50E-12	4.84E-08	1.53E-11	4.45E-12	4.70E-08	1.48E-11	4.32E-12
3290	476363.09, 3847877.25	5.54E-08	1.75E-11	5.09E-12	5.47E-08	1.73E-11	5.02E-12	5.31E-08	1.68E-11	4.88E-12
3291	476863.09, 3847877.25	5.75E-08	1.82E-11	5.28E-12	5.68E-08	1.79E-11	5.21E-12	5.51E-08	1.74E-11	5.06E-12
3292	477363.09, 3847877.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3293	477863.09, 3847877.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3294	478363.09, 3847877.25	6.27E-08	1.98E-11	5.76E-12	6.19E-08	1.95E-11	5.68E-12	6.01E-08	1.90E-11	5.52E-12
3295	478863.09, 3847877.25	6.12E-08	1.93E-11	5.62E-12	6.04E-08	1.91E-11	5.54E-12	5.86E-08	1.85E-11	5.38E-12
3296	479363.09, 3847877.25	4.96E-08	1.56E-11	4.55E-12	4.89E-08	1.54E-11	4.49E-12	4.75E-08	1.50E-11	4.36E-12
3297	479863.09, 3847877.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3298	480363.09, 3847877.25	3.21E-08	1.01E-11	2.95E-12	3.17E-08	1.00E-11	2.91E-12	3.08E-08	9.72E-12	2.83E-12
3299	480863.09, 3847877.25	2.88E-08	9.08E-12	2.64E-12	2.84E-08	8.96E-12	2.61E-12	2.76E-08	8.70E-12	2.53E-12
3300	481363.09, 3847877.25	2.86E-08	9.04E-12	2.63E-12	2.83E-08	8.92E-12	2.59E-12	2.74E-08	8.66E-12	2.52E-12
3301	481863.09, 3847877.25	3.75E-08	1.18E-11	3.44E-12	3.70E-08	1.17E-11	3.40E-12	3.59E-08	1.13E-11	3.30E-12
3302	482363.09, 3847877.25	3.60E-08	1.14E-11	3.31E-12	3.56E-08	1.12E-11	3.27E-12	3.45E-08	1.09E-11	3.17E-12
3303	482863.09, 3847877.25	3.29E-08	1.04E-11	3.02E-12	3.25E-08	1.03E-11	2.98E-12	3.16E-08	9.96E-12	2.90E-12
3304	483363.09, 3847877.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3305	483863.09, 3847877.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3306	484363.09, 3847877.25	2.86E-08	9.04E-12	2.63E-12	2.83E-08	8.92E-12	2.59E-12	2.74E-08	8.66E-12	2.52E-12
3307	484863.09, 3847877.25	2.76E-08	8.71E-12	2.53E-12	2.72E-08	8.59E-12	2.50E-12	2.64E-08	8.35E-12	2.43E-12
3308	485363.09, 3847877.25	2.82E-08	8.91E-12	2.59E-12	2.79E-08	8.80E-12	2.56E-12	2.71E-08	8.54E-12	2.48E-12
3309	485863.09, 3847877.25	2.84E-08	8.95E-12	2.60E-12	2.80E-08	8.84E-12	2.57E-12	2.72E-08	8.58E-12	2.50E-12
3310	486363.09, 3847877.25	2.54E-08	8.01E-12	2.33E-12	2.50E-08	7.90E-12	2.30E-12	2.43E-08	7.68E-12	2.23E-12
3311	486863.09, 3847877.25	2.43E-08	7.68E-12	2.23E-12	2.40E-08	7.58E-12	2.20E-12	2.33E-08	7.36E-12	2.14E-12
3312	487363.09, 3847877.25	2.37E-08	7.48E-12	2.17E-12	2.34E-08	7.38E-12	2.15E-12	2.27E-08	7.16E-12	2.08E-12
3313	487863.09, 3847877.25	2.21E-08	6.98E-12	2.03E-12	2.18E-08	6.89E-12	2.00E-12	2.12E-08	6.69E-12	1.95E-12
3314	488363.09, 3847877.25	2.06E-08	6.49E-12	1.89E-12	2.03E-08	6.40E-12	1.86E-12	1.97E-08	6.22E-12	1.81E-12
3315	488863.09, 3847877.25	2.03E-08	6.41E-12	1.86E-12	2.00E-08	6.32E-12	1.84E-12	1.95E-08	6.14E-12	1.79E-12
3316	489363.09, 3847877.25	2.00E-08	6.33E-12	1.84E-12	1.98E-08	6.24E-12	1.82E-12	1.92E-08	6.06E-12	1.76E-12
3317	489863.09, 3847877.25	2.03E-08	6.41E-12	1.86E-12	2.00E-08	6.32E-12	1.84E-12	1.95E-08	6.14E-12	1.79E-12
3318	490363.09, 3847877.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3319	490863.09, 3847877.25	1.81E-08	5.71E-12	1.66E-12	1.79E-08	5.63E-12	1.64E-12	1.73E-08	5.47E-12	1.59E-12
3320	491363.09, 3847877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3321	491863.09, 3847877.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3322	492363.09, 3847877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3323	492863.09, 3847877.25	1.59E-08	5.01E-12	1.46E-12	1.57E-08	4.95E-12	1.44E-12	1.52E-08	4.80E-12	1.40E-12
3324	493363.09, 3847877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3325	493863.09, 3847877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3326	494363.09, 3847877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3327	494863.09, 3847877.25	1.41E-08	4.44E-12	1.29E-12	1.39E-08	4.38E-12	1.27E-12	1.35E-08	4.25E-12	1.24E-12
3328	495363.09, 3847877.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3329	495863.09, 3847877.25	1.25E-08	3.94E-12	1.15E-12	1.23E-08	3.89E-12	1.13E-12	1.20E-08	3.78E-12	1.10E-12
3330	496363.09, 3847877.25	1.43E-08	4.52E-12	1.31E-12	1.41E-08	4.46E-12	1.30E-12	1.37E-08	4.33E-12	1.26E-12
3331	496863.09, 3847877.25	1.54E-08	4.85E-12	1.41E-12	1.52E-08	4.78E-12	1.39E-12	1.47E-08	4.64E-12	1.35E-12
3332	497363.09, 3847877.25	1.64E-08	5.18E-12	1.51E-12	1.62E-08	5.11E-12	1.49E-12	1.57E-08	4.96E-12	1.44E-12
3333	497863.09, 3847877.25	1.99E-08	6.28E-12	1.83E-12	1.97E-08	6.20E-12	1.80E-12	1.91E-08	6.02E-12	1.75E-12
3334	498363.09, 3847877.25	2.17E-08	6.86E-12	2.00E-12	2.14E-08	6.77E-12	1.97E-12	2.08E-08	6.57E-12	1.91E-12
3335	471363.09, 3848377.25	5.57E-08	1.76E-11	5.11E-12	5.50E-08	1.73E-11	5.05E-12	5.34E-08	1.68E-11	4.90E-12
3336	471863.09, 3848377.25	5.74E-08	1.81E-11	5.27E-12	5.66E-08	1.79E-11	5.20E-12	5.50E-08	1.74E-11	5.05E-12
3337	472363.09, 3848377.25	5.92E-08	1.87E-11	5.44E-12	5.84E-08	1.84E-11	5.36E-12	5.67E-08	1.79E-11	5.21E-12
3338	472863.09, 3848377.25	6.10E-08	1.93E-11	5.60E-12	6.02E-08	1.90E-11	5.53E-12	5.85E-08	1.85E-11	5.37E-12
3339	473363.09, 3848377.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
3340	473863.09, 3848377.25	6.31E-08	1.99E-11	5.79E-12	6.23E-08	1.97E-11	5.72E-12	6.05E-08	1.91E-11	5.55E-12
3341	474363.09, 3848377.25	6.30E-08	1.99E-11	5.78E-12	6.22E-08	1.96E-11	5.71E-12	6.04E-08	1.91E-11	5.54E-12
3342	474863.09, 3848377.25	5.76E-08	1.82E-11	5.29E-12	5.69E-08	1.80E-11	5.22E-12	5.53E-08	1.74E-11	5.07E-12
3343	475363.09, 3848377.25	6.12E-08	1.93E-11	5.62E-12	6.04E-08	1.91E-11	5.54E-12	5.86E-08	1.85E-11	5.38E-12
3344	475863.09, 3848377.25	5.80E-08	1.83E-11	5.33E-12	5.73E-08	1.81E-11	5.26E-12	5.56E-08	1.76E-11	5.11E-12
3345	476363.09, 3848377.25	5.43E-08	1.71E-11	4.98E-12	5.36E-08	1.69E-11	4.92E-12	5.20E-08	1.64E-11	4.77E-12
3346	476863.09, 3848377.25	6.21E-08	1.96E-11	5.70E-12	6.13E-08	1.93E-11	5.62E-12	5.95E-08	1.88E-11	5.46E-12
3347	477363.09, 3848377.25	6.23E-08	1.97E-11	5.72E-12	6.15E-08	1.94E-11	5.65E-12	5.97E-08	1.89E-11	5.48E-12
3348	477863.09, 3848377.25	6.44E-08	2.03E-11	5.91E-12	6.36E-08	2.01E-11	5.84E-12	6.17E-08	1.95E-11	5.67E-12
3349	478363.09, 3848377.25	6.81E-08	2.15E-11	6.25E-12	6.72E-08	2.12E-11	6.17E-12	6.52E-08	2.06E-11	5.99E-12
3350	478863.09, 3848377.25	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
3351	479363.09, 3848377.25	5.40E-08	1.70E-11	4.96E-12	5.33E-08	1.68E-11	4.89E-12	5.18E-08	1.63E-11	4.75E-12
3352	479863.09, 3848377.25	2.30E-08	7.27E-12	2.11E-12	2.27E-08	7.18E-12	2.09E-12	2.21E-08	6.97E-12	2.03E-12
3353	480363.09, 3848377.25	3.21E-08	1.01E-11	2.95E-12	3.17E-08	1.00E-11	2.91E-12	3.08E-08	9.72E-12	2.83E-12
3354	480863.09, 3848377.25	4.22E-08	1.33E-11	3.87E-12	4.16E-08	1.31E-11	3.82E-12	4.04E-08	1.28E-11	3.71E-12

3355	481363.09, 3848377.25	4.29E-08	1.36E-11	3.94E-12	4.24E-08	1.34E-11	3.89E-12	4.12E-08	1.30E-11	3.78E-12
3356	481863.09, 3848377.25	4.31E-08	1.36E-11	3.95E-12	4.25E-08	1.34E-11	3.90E-12	4.13E-08	1.30E-11	3.79E-12
3357	482363.09, 3848377.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3358	482863.09, 3848377.25	3.85E-08	1.22E-11	3.54E-12	3.80E-08	1.20E-11	3.49E-12	3.69E-08	1.17E-11	3.39E-12
3359	483363.09, 3848377.25	3.76E-08	1.19E-11	3.45E-12	3.71E-08	1.17E-11	3.41E-12	3.60E-08	1.14E-11	3.31E-12
3360	483863.09, 3848377.25	3.36E-08	1.06E-11	3.08E-12	3.31E-08	1.05E-11	3.04E-12	3.22E-08	1.02E-11	2.95E-12
3361	484363.09, 3848377.25	3.20E-08	1.01E-11	2.94E-12	3.16E-08	9.97E-12	2.90E-12	3.07E-08	9.68E-12	2.82E-12
3362	484863.09, 3848377.25	3.36E-08	1.06E-11	3.08E-12	3.31E-08	1.05E-11	3.04E-12	3.22E-08	1.02E-11	2.95E-12
3363	485363.09, 3848377.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3364	485863.09, 3848377.25	3.28E-08	1.04E-11	3.01E-12	3.24E-08	1.02E-11	2.97E-12	3.14E-08	9.92E-12	2.89E-12
3365	486363.09, 3848377.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3366	486863.09, 3848377.25	2.80E-08	8.83E-12	2.57E-12	2.76E-08	8.72E-12	2.54E-12	2.68E-08	8.46E-12	2.46E-12
3367	487363.09, 3848377.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3368	487863.09, 3848377.25	2.51E-08	7.93E-12	2.31E-12	2.48E-08	7.82E-12	2.28E-12	2.41E-08	7.60E-12	2.21E-12
3369	488363.09, 3848377.25	2.33E-08	7.35E-12	2.14E-12	2.30E-08	7.26E-12	2.11E-12	2.23E-08	7.05E-12	2.05E-12
3370	488863.09, 3848377.25	2.29E-08	7.23E-12	2.10E-12	2.26E-08	7.13E-12	2.08E-12	2.20E-08	6.93E-12	2.02E-12
3371	489363.09, 3848377.25	2.29E-08	7.23E-12	2.10E-12	2.26E-08	7.13E-12	2.08E-12	2.20E-08	6.93E-12	2.02E-12
3372	489863.09, 3848377.25	2.29E-08	7.23E-12	2.10E-12	2.26E-08	7.13E-12	2.08E-12	2.20E-08	6.93E-12	2.02E-12
3373	490363.09, 3848377.25	2.15E-08	6.78E-12	1.97E-12	2.12E-08	6.69E-12	1.95E-12	2.06E-08	6.50E-12	1.89E-12
3374	490863.09, 3848377.25	2.00E-08	6.33E-12	1.84E-12	1.98E-08	6.24E-12	1.82E-12	1.92E-08	6.06E-12	1.76E-12
3375	491363.09, 3848377.25	1.82E-08	5.75E-12	1.67E-12	1.80E-08	5.68E-12	1.65E-12	1.75E-08	5.51E-12	1.60E-12
3376	491863.09, 3848377.25	1.78E-08	5.63E-12	1.64E-12	1.76E-08	5.55E-12	1.62E-12	1.71E-08	5.39E-12	1.57E-12
3377	492363.09, 3848377.25	1.69E-08	5.34E-12	1.55E-12	1.67E-08	5.27E-12	1.53E-12	1.62E-08	5.12E-12	1.49E-12
3378	492863.09, 3848377.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3379	493363.09, 3848377.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3380	493863.09, 3848377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3381	494363.09, 3848377.25	1.41E-08	4.44E-12	1.29E-12	1.39E-08	4.38E-12	1.27E-12	1.35E-08	4.25E-12	1.24E-12
3382	494863.09, 3848377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3383	495363.09, 3848377.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3384	495863.09, 3848377.25	1.34E-08	4.23E-12	1.23E-12	1.32E-08	4.18E-12	1.21E-12	1.28E-08	4.05E-12	1.18E-12
3385	496363.09, 3848377.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3386	496863.09, 3848377.25	1.50E-08	4.72E-12	1.37E-12	1.48E-08	4.66E-12	1.36E-12	1.43E-08	4.53E-12	1.32E-12
3387	497363.09, 3848377.25	1.69E-08	5.34E-12	1.55E-12	1.67E-08	5.27E-12	1.53E-12	1.62E-08	5.12E-12	1.49E-12
3388	497863.09, 3848377.25	2.24E-08	7.06E-12	2.05E-12	2.21E-08	6.97E-12	2.03E-12	2.15E-08	6.77E-12	1.97E-12
3389	498363.09, 3848377.25	2.41E-08	7.60E-12	2.21E-12	2.38E-08	7.50E-12	2.18E-12	2.31E-08	7.28E-12	2.12E-12
3390	471363.09, 3848877.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3391	471863.09, 3848877.25	5.95E-08	1.88E-11	5.46E-12	5.87E-08	1.85E-11	5.39E-12	5.70E-08	1.80E-11	5.23E-12
3392	472363.09, 3848877.25	6.08E-08	1.92E-11	5.58E-12	6.00E-08	1.89E-11	5.51E-12	5.82E-08	1.84E-11	5.35E-12
3393	472863.09, 3848877.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3394	473363.09, 3848877.25	6.55E-08	2.07E-11	6.01E-12	6.46E-08	2.04E-11	5.93E-12	6.27E-08	1.98E-11	5.76E-12
3395	473863.09, 3848877.25	6.68E-08	2.11E-11	6.13E-12	6.59E-08	2.08E-11	6.05E-12	6.40E-08	2.02E-11	5.87E-12
3396	474363.09, 3848877.25	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
3397	474863.09, 3848877.25	6.66E-08	2.10E-11	6.12E-12	6.58E-08	2.08E-11	6.04E-12	6.39E-08	2.02E-11	5.86E-12
3398	475363.09, 3848877.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3399	475863.09, 3848877.25	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
3400	476363.09, 3848877.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3401	476863.09, 3848877.25	6.35E-08	2.00E-11	5.83E-12	6.27E-08	1.98E-11	5.75E-12	6.09E-08	1.92E-11	5.59E-12
3402	477363.09, 3848877.25	6.96E-08	2.20E-11	6.39E-12	6.87E-08	2.17E-11	6.31E-12	6.67E-08	2.11E-11	6.13E-12
3403	477863.09, 3848877.25	6.94E-08	2.19E-11	6.37E-12	6.85E-08	2.16E-11	6.28E-12	6.65E-08	2.10E-11	6.10E-12
3404	478363.09, 3848877.25	7.17E-08	2.26E-11	6.58E-12	7.08E-08	2.23E-11	6.50E-12	6.87E-08	2.17E-11	6.31E-12
3405	478863.09, 3848877.25	7.38E-08	2.33E-11	6.77E-12	7.28E-08	2.30E-11	6.69E-12	7.07E-08	2.23E-11	6.49E-12
3406	479363.09, 3848877.25	6.85E-08	2.16E-11	6.28E-12	6.76E-08	2.13E-11	6.20E-12	6.56E-08	2.07E-11	6.02E-12
3407	479863.09, 3848877.25	5.90E-08	1.86E-11	5.41E-12	5.82E-08	1.84E-11	5.34E-12	5.65E-08	1.78E-11	5.19E-12
3408	480363.09, 3848877.25	6.09E-08	1.92E-11	5.59E-12	6.01E-08	1.90E-11	5.52E-12	5.84E-08	1.84E-11	5.36E-12
3409	480863.09, 3848877.25	5.87E-08	1.85E-11	5.39E-12	5.79E-08	1.83E-11	5.32E-12	5.62E-08	1.78E-11	5.16E-12
3410	481363.09, 3848877.25	5.56E-08	1.75E-11	5.10E-12	5.48E-08	1.73E-11	5.03E-12	5.33E-08	1.68E-11	4.89E-12
3411	481863.09, 3848877.25	5.04E-08	1.59E-11	4.62E-12	4.97E-08	1.57E-11	4.56E-12	4.83E-08	1.52E-11	4.43E-12
3412	482363.09, 3848877.25	4.10E-08	1.29E-11	3.76E-12	4.05E-08	1.28E-11	3.71E-12	3.93E-08	1.24E-11	3.61E-12
3413	482863.09, 3848877.25	3.54E-08	1.12E-11	3.25E-12	3.49E-08	1.10E-11	3.21E-12	3.39E-08	1.07E-11	3.11E-12
3414	483363.09, 3848877.25	3.16E-08	9.98E-12	2.90E-12	3.12E-08	9.85E-12	2.87E-12	3.03E-08	9.57E-12	2.78E-12
3415	483863.09, 3848877.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3416	484363.09, 3848877.25	3.63E-08	1.15E-11	3.33E-12	3.58E-08	1.13E-11	3.29E-12	3.48E-08	1.10E-11	3.19E-12
3417	484863.09, 3848877.25	4.09E-08	1.29E-11	3.75E-12	4.03E-08	1.27E-11	3.70E-12	3.92E-08	1.24E-11	3.60E-12
3418	485363.09, 3848877.25	3.88E-08	1.22E-11	3.56E-12	3.83E-08	1.21E-11	3.51E-12	3.72E-08	1.17E-11	3.41E-12
3419	485863.09, 3848877.25	3.76E-08	1.19E-11	3.45E-12	3.71E-08	1.17E-11	3.41E-12	3.60E-08	1.14E-11	3.31E-12
3420	486363.09, 3848877.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3421	486863.09, 3848877.25	3.01E-08	9.49E-12	2.76E-12	2.97E-08	9.36E-12	2.72E-12	2.88E-08	9.09E-12	2.64E-12
3422	487363.09, 3848877.25	3.03E-08	9.57E-12	2.78E-12	2.99E-08	9.45E-12	2.75E-12	2.91E-08	9.17E-12	2.67E-12
3423	487863.09, 3848877.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3424	488363.09, 3848877.25	2.69E-08	8.50E-12	2.47E-12	2.66E-08	8.39E-12	2.44E-12	2.58E-08	8.15E-12	2.37E-12
3425	488863.09, 3848877.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3426	489363.09, 3848877.25	2.62E-08	8.26E-12	2.40E-12	2.58E-08	8.15E-12	2.37E-12	2.51E-08	7.91E-12	2.30E-12
3427	489863.09, 3848877.25	2.55E-08	8.05E-12	2.34E-12	2.52E-08	7.95E-12	2.31E-12	2.44E-08	7.72E-12	2.24E-12

3428	490363.09, 3848877.25	2.32E-08	7.31E-12	2.13E-12	2.29E-08	7.22E-12	2.10E-12	2.22E-08	7.01E-12	2.04E-12
3429	490863.09, 3848877.25	2.16E-08	6.82E-12	1.98E-12	2.13E-08	6.73E-12	1.96E-12	2.07E-08	6.53E-12	1.90E-12
3430	491363.09, 3848877.25	1.99E-08	6.28E-12	1.83E-12	1.97E-08	6.20E-12	1.80E-12	1.91E-08	6.02E-12	1.75E-12
3431	491863.09, 3848877.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3432	492363.09, 3848877.25	1.73E-08	5.46E-12	1.59E-12	1.71E-08	5.39E-12	1.57E-12	1.66E-08	5.24E-12	1.52E-12
3433	492863.09, 3848877.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3434	493363.09, 3848877.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3435	493863.09, 3848877.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3436	494363.09, 3848877.25	1.43E-08	4.52E-12	1.31E-12	1.41E-08	4.46E-12	1.30E-12	1.37E-08	4.33E-12	1.26E-12
3437	494863.09, 3848877.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3438	495363.09, 3848877.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3439	495863.09, 3848877.25	1.43E-08	4.52E-12	1.31E-12	1.41E-08	4.46E-12	1.30E-12	1.37E-08	4.33E-12	1.26E-12
3440	496363.09, 3848877.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3441	496863.09, 3848877.25	1.68E-08	5.30E-12	1.54E-12	1.66E-08	5.23E-12	1.52E-12	1.61E-08	5.08E-12	1.48E-12
3442	497363.09, 3848877.25	2.12E-08	6.69E-12	1.95E-12	2.09E-08	6.61E-12	1.92E-12	2.03E-08	6.42E-12	1.87E-12
3443	497863.09, 3848877.25	2.41E-08	7.60E-12	2.21E-12	2.38E-08	7.50E-12	2.18E-12	2.31E-08	7.28E-12	2.12E-12
3444	498363.09, 3848877.25	2.77E-08	8.75E-12	2.54E-12	2.74E-08	8.63E-12	2.51E-12	2.66E-08	8.38E-12	2.44E-12
3445	471363.09, 3849377.25	5.69E-08	1.79E-11	5.22E-12	5.61E-08	1.77E-11	5.15E-12	5.45E-08	1.72E-11	5.00E-12
3446	471863.09, 3849377.25	6.17E-08	1.95E-11	5.66E-12	6.09E-08	1.92E-11	5.59E-12	5.91E-08	1.87E-11	5.43E-12
3447	472363.09, 3849377.25	6.40E-08	2.02E-11	5.88E-12	6.32E-08	1.99E-11	5.80E-12	6.14E-08	1.94E-11	5.63E-12
3448	472863.09, 3849377.25	6.53E-08	2.06E-11	6.00E-12	6.45E-08	2.03E-11	5.92E-12	6.26E-08	1.98E-11	5.75E-12
3449	473363.09, 3849377.25	6.69E-08	2.11E-11	6.14E-12	6.60E-08	2.08E-11	6.06E-12	6.41E-08	2.02E-11	5.89E-12
3450	473863.09, 3849377.25	6.95E-08	2.19E-11	6.38E-12	6.86E-08	2.16E-11	6.30E-12	6.66E-08	2.10E-11	6.11E-12
3451	474363.09, 3849377.25	7.18E-08	2.27E-11	6.59E-12	7.09E-08	2.24E-11	6.51E-12	6.88E-08	2.17E-11	6.32E-12
3452	474863.09, 3849377.25	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
3453	475363.09, 3849377.25	7.46E-08	2.35E-11	6.85E-12	7.36E-08	2.32E-11	6.76E-12	7.15E-08	2.26E-11	6.56E-12
3454	475863.09, 3849377.25	7.69E-08	2.43E-11	7.06E-12	7.59E-08	2.40E-11	6.97E-12	7.37E-08	2.33E-11	6.77E-12
3455	476363.09, 3849377.25	7.80E-08	2.46E-11	7.16E-12	7.69E-08	2.43E-11	7.06E-12	7.47E-08	2.36E-11	6.86E-12
3456	476863.09, 3849377.25	7.70E-08	2.43E-11	7.07E-12	7.60E-08	2.40E-11	6.98E-12	7.38E-08	2.33E-11	6.78E-12
3457	477363.09, 3849377.25	7.51E-08	2.37E-11	6.89E-12	7.41E-08	2.34E-11	6.80E-12	7.20E-08	2.27E-11	6.61E-12
3458	477863.09, 3849377.25	7.44E-08	2.35E-11	6.83E-12	7.35E-08	2.32E-11	6.74E-12	7.13E-08	2.25E-11	6.55E-12
3459	478363.09, 3849377.25	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
3460	478863.09, 3849377.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
3461	479363.09, 3849377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
3462	479863.09, 3849377.25	7.30E-08	2.30E-11	6.70E-12	7.21E-08	2.27E-11	6.61E-12	7.00E-08	2.21E-11	6.42E-12
3463	480363.09, 3849377.25	7.94E-08	2.51E-11	7.29E-12	7.83E-08	2.47E-11	7.19E-12	7.61E-08	2.40E-11	6.98E-12
3464	480863.09, 3849377.25	7.59E-08	2.39E-11	6.97E-12	7.49E-08	2.36E-11	6.87E-12	7.27E-08	2.29E-11	6.68E-12
3465	481363.09, 3849377.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
3466	481863.09, 3849377.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3467	482363.09, 3849377.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3468	482863.09, 3849377.25	3.38E-08	1.07E-11	3.11E-12	3.34E-08	1.05E-11	3.07E-12	3.24E-08	1.02E-11	2.98E-12
3469	483363.09, 3849377.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12
3470	483863.09, 3849377.25	2.67E-08	8.42E-12	2.45E-12	2.63E-08	8.31E-12	2.42E-12	2.56E-08	8.07E-12	2.35E-12
3471	484363.09, 3849377.25	4.11E-08	1.30E-11	3.78E-12	4.06E-08	1.28E-11	3.73E-12	3.94E-08	1.24E-11	3.62E-12
3472	484863.09, 3849377.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3473	485363.09, 3849377.25	4.68E-08	1.48E-11	4.30E-12	4.62E-08	1.46E-11	4.24E-12	4.49E-08	1.42E-11	4.12E-12
3474	485863.09, 3849377.25	3.57E-08	1.13E-11	3.27E-12	3.52E-08	1.11E-11	3.23E-12	3.42E-08	1.08E-11	3.14E-12
3475	486363.09, 3849377.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3476	486863.09, 3849377.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3477	487363.09, 3849377.25	3.49E-08	1.10E-11	3.20E-12	3.44E-08	1.09E-11	3.16E-12	3.34E-08	1.05E-11	3.07E-12
3478	487863.09, 3849377.25	3.36E-08	1.06E-11	3.08E-12	3.31E-08	1.05E-11	3.04E-12	3.22E-08	1.02E-11	2.95E-12
3479	488363.09, 3849377.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3480	488863.09, 3849377.25	2.98E-08	9.41E-12	2.74E-12	2.94E-08	9.28E-12	2.70E-12	2.86E-08	9.01E-12	2.62E-12
3481	489363.09, 3849377.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3482	489863.09, 3849377.25	2.82E-08	8.91E-12	2.59E-12	2.79E-08	8.80E-12	2.56E-12	2.71E-08	8.54E-12	2.48E-12
3483	490363.09, 3849377.25	2.54E-08	8.01E-12	2.33E-12	2.50E-08	7.90E-12	2.30E-12	2.43E-08	7.68E-12	2.23E-12
3484	490863.09, 3849377.25	2.37E-08	7.48E-12	2.17E-12	2.34E-08	7.38E-12	2.15E-12	2.27E-08	7.16E-12	2.08E-12
3485	491363.09, 3849377.25	2.17E-08	6.86E-12	2.00E-12	2.14E-08	6.77E-12	1.97E-12	2.08E-08	6.57E-12	1.91E-12
3486	491863.09, 3849377.25	2.03E-08	6.41E-12	1.86E-12	2.00E-08	6.32E-12	1.84E-12	1.95E-08	6.14E-12	1.79E-12
3487	492363.09, 3849377.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3488	492863.09, 3849377.25	1.63E-08	5.13E-12	1.49E-12	1.61E-08	5.07E-12	1.47E-12	1.56E-08	4.92E-12	1.43E-12
3489	493363.09, 3849377.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3490	493863.09, 3849377.25	1.51E-08	4.76E-12	1.39E-12	1.49E-08	4.70E-12	1.37E-12	1.45E-08	4.57E-12	1.33E-12
3491	494363.09, 3849377.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3492	494863.09, 3849377.25	1.68E-08	5.30E-12	1.54E-12	1.66E-08	5.23E-12	1.52E-12	1.61E-08	5.08E-12	1.48E-12
3493	495363.09, 3849377.25	1.73E-08	5.46E-12	1.59E-12	1.71E-08	5.39E-12	1.57E-12	1.66E-08	5.24E-12	1.52E-12
3494	495863.09, 3849377.25	1.57E-08	4.97E-12	1.45E-12	1.55E-08	4.90E-12	1.43E-12	1.51E-08	4.76E-12	1.39E-12
3495	496363.09, 3849377.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3496	496863.09, 3849377.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3497	497363.09, 3849377.25	2.28E-08	7.19E-12	2.09E-12	2.25E-08	7.09E-12	2.06E-12	2.18E-08	6.89E-12	2.00E-12
3498	497863.09, 3849377.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3499	498363.09, 3849377.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3500	471363.09, 3849877.25	5.10E-08	1.61E-11	4.68E-12	5.03E-08	1.59E-11	4.62E-12	4.89E-08	1.54E-11	4.49E-12

3501	471863.09, 3849877.25	5.75E-08	1.82E-11	5.28E-12	5.68E-08	1.79E-11	5.21E-12	5.51E-08	1.74E-11	5.06E-12
3502	472363.09, 3849877.25	6.40E-08	2.02E-11	5.88E-12	6.32E-08	1.99E-11	5.80E-12	6.14E-08	1.94E-11	5.63E-12
3503	472863.09, 3849877.25	6.85E-08	2.16E-11	6.28E-12	6.76E-08	2.13E-11	6.20E-12	6.56E-08	2.07E-11	6.02E-12
3504	473363.09, 3849877.25	7.03E-08	2.22E-11	6.45E-12	6.94E-08	2.19E-11	6.37E-12	6.73E-08	2.13E-11	6.18E-12
3505	473863.09, 3849877.25	7.20E-08	2.27E-11	6.61E-12	7.10E-08	2.24E-11	6.52E-12	6.90E-08	2.18E-11	6.33E-12
3506	474363.09, 3849877.25	7.43E-08	2.35E-11	6.82E-12	7.33E-08	2.31E-11	6.73E-12	7.12E-08	2.25E-11	6.54E-12
3507	474863.09, 3849877.25	7.72E-08	2.44E-11	7.08E-12	7.62E-08	2.40E-11	6.99E-12	7.40E-08	2.33E-11	6.79E-12
3508	475363.09, 3849877.25	7.89E-08	2.49E-11	7.24E-12	7.78E-08	2.46E-11	7.15E-12	7.56E-08	2.39E-11	6.94E-12
3509	475863.09, 3849877.25	8.07E-08	2.55E-11	7.41E-12	7.96E-08	2.51E-11	7.31E-12	7.73E-08	2.44E-11	7.10E-12
3510	476363.09, 3849877.25	8.30E-08	2.62E-11	7.62E-12	8.19E-08	2.59E-11	7.52E-12	7.96E-08	2.51E-11	7.31E-12
3511	476863.09, 3849877.25	8.54E-08	2.69E-11	7.84E-12	8.43E-08	2.66E-11	7.73E-12	8.18E-08	2.58E-11	7.51E-12
3512	477363.09, 3849877.25	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
3513	477863.09, 3849877.25	8.55E-08	2.70E-11	7.85E-12	8.44E-08	2.66E-11	7.75E-12	8.19E-08	2.59E-11	7.52E-12
3514	478363.09, 3849877.25	8.37E-08	2.64E-11	7.68E-12	8.26E-08	2.61E-11	7.58E-12	8.02E-08	2.53E-11	7.36E-12
3515	478863.09, 3849877.25	8.64E-08	2.73E-11	7.93E-12	8.53E-08	2.69E-11	7.83E-12	8.28E-08	2.61E-11	7.60E-12
3516	479363.09, 3849877.25	8.67E-08	2.74E-11	7.96E-12	8.55E-08	2.70E-11	7.85E-12	8.31E-08	2.62E-11	7.63E-12
3517	479863.09, 3849877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
3518	480363.09, 3849877.25	8.94E-08	2.82E-11	8.21E-12	8.82E-08	2.78E-11	8.10E-12	8.57E-08	2.70E-11	7.87E-12
3519	480863.09, 3849877.25	8.17E-08	2.58E-11	7.50E-12	8.07E-08	2.55E-11	7.40E-12	7.83E-08	2.47E-11	7.19E-12
3520	481363.09, 3849877.25	7.48E-08	2.36E-11	6.87E-12	7.39E-08	2.33E-11	6.78E-12	7.17E-08	2.26E-11	6.58E-12
3521	481863.09, 3849877.25	5.13E-08	1.62E-11	4.71E-12	5.06E-08	1.60E-11	4.65E-12	4.91E-08	1.55E-11	4.51E-12
3522	482363.09, 3849877.25	4.35E-08	1.37E-11	3.99E-12	4.29E-08	1.35E-11	3.94E-12	4.17E-08	1.31E-11	3.82E-12
3523	482863.09, 3849877.25	3.66E-08	1.15E-11	3.36E-12	3.61E-08	1.14E-11	3.31E-12	3.50E-08	1.11E-11	3.22E-12
3524	483363.09, 3849877.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12
3525	483863.09, 3849877.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12
3526	484363.09, 3849877.25	4.49E-08	1.42E-11	4.12E-12	4.43E-08	1.40E-11	4.07E-12	4.30E-08	1.36E-11	3.95E-12
3527	484863.09, 3849877.25	6.03E-08	1.90E-11	5.53E-12	5.95E-08	1.88E-11	5.46E-12	5.77E-08	1.82E-11	5.30E-12
3528	485363.09, 3849877.25	5.39E-08	1.70E-11	4.95E-12	5.32E-08	1.68E-11	4.88E-12	5.16E-08	1.63E-11	4.74E-12
3529	485863.09, 3849877.25	4.45E-08	1.40E-11	4.09E-12	4.39E-08	1.39E-11	4.03E-12	4.27E-08	1.35E-11	3.92E-12
3530	486363.09, 3849877.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3531	486863.09, 3849877.25	4.26E-08	1.34E-11	3.91E-12	4.20E-08	1.33E-11	3.86E-12	4.08E-08	1.29E-11	3.74E-12
3532	487363.09, 3849877.25	4.14E-08	1.31E-11	3.80E-12	4.08E-08	1.29E-11	3.75E-12	3.97E-08	1.25E-11	3.64E-12
3533	487863.09, 3849877.25	3.98E-08	1.26E-11	3.66E-12	3.93E-08	1.24E-11	3.61E-12	3.82E-08	1.20E-11	3.50E-12
3534	488363.09, 3849877.25	3.70E-08	1.17E-11	3.39E-12	3.65E-08	1.15E-11	3.35E-12	3.54E-08	1.12E-11	3.25E-12
3535	488863.09, 3849877.25	3.50E-08	1.10E-11	3.21E-12	3.45E-08	1.09E-11	3.17E-12	3.35E-08	1.06E-11	3.08E-12
3536	489363.09, 3849877.25	3.42E-08	1.08E-11	3.14E-12	3.38E-08	1.07E-11	3.10E-12	3.28E-08	1.04E-11	3.01E-12
3537	489863.09, 3849877.25	3.14E-08	9.90E-12	2.88E-12	3.10E-08	9.77E-12	2.84E-12	3.01E-08	9.49E-12	2.76E-12
3538	490363.09, 3849877.25	2.84E-08	8.95E-12	2.60E-12	2.80E-08	8.84E-12	2.57E-12	2.72E-08	8.58E-12	2.50E-12
3539	490863.09, 3849877.25	2.64E-08	8.34E-12	2.43E-12	2.61E-08	8.23E-12	2.39E-12	2.53E-08	7.99E-12	2.32E-12
3540	491363.09, 3849877.25	2.42E-08	7.64E-12	2.22E-12	2.39E-08	7.54E-12	2.19E-12	2.32E-08	7.32E-12	2.13E-12
3541	491863.09, 3849877.25	2.25E-08	7.11E-12	2.07E-12	2.22E-08	7.01E-12	2.04E-12	2.16E-08	6.81E-12	1.98E-12
3542	492363.09, 3849877.25	2.07E-08	6.53E-12	1.90E-12	2.04E-08	6.45E-12	1.87E-12	1.98E-08	6.26E-12	1.82E-12
3543	492863.09, 3849877.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3544	493363.09, 3849877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3545	493863.09, 3849877.25	1.64E-08	5.18E-12	1.51E-12	1.62E-08	5.11E-12	1.49E-12	1.57E-08	4.96E-12	1.44E-12
3546	494363.09, 3849877.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3547	494863.09, 3849877.25	1.98E-08	6.24E-12	1.82E-12	1.95E-08	6.16E-12	1.79E-12	1.90E-08	5.98E-12	1.74E-12
3548	495363.09, 3849877.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3549	495863.09, 3849877.25	2.12E-08	6.69E-12	1.95E-12	2.09E-08	6.61E-12	1.92E-12	2.03E-08	6.42E-12	1.87E-12
3550	496363.09, 3849877.25	2.34E-08	7.39E-12	2.15E-12	2.31E-08	7.30E-12	2.12E-12	2.24E-08	7.09E-12	2.06E-12
3551	496863.09, 3849877.25	2.52E-08	7.97E-12	2.32E-12	2.49E-08	7.86E-12	2.29E-12	2.42E-08	7.64E-12	2.22E-12
3552	497363.09, 3849877.25	3.16E-08	9.98E-12	2.90E-12	3.12E-08	9.85E-12	2.87E-12	3.03E-08	9.57E-12	2.78E-12
3553	497863.09, 3849877.25	3.57E-08	1.13E-11	3.27E-12	3.52E-08	1.11E-11	3.23E-12	3.42E-08	1.08E-11	3.14E-12
3554	498363.09, 3849877.25	3.44E-08	1.08E-11	3.15E-12	3.39E-08	1.07E-11	3.11E-12	3.29E-08	1.04E-11	3.02E-12
3555	471363.09, 3850377.25	4.36E-08	1.38E-11	4.00E-12	4.30E-08	1.36E-11	3.95E-12	4.18E-08	1.32E-11	3.84E-12
3556	471863.09, 3850377.25	5.31E-08	1.68E-11	4.87E-12	5.24E-08	1.65E-11	4.81E-12	5.09E-08	1.61E-11	4.67E-12
3557	472363.09, 3850377.25	5.76E-08	1.82E-11	5.29E-12	5.69E-08	1.80E-11	5.22E-12	5.53E-08	1.74E-11	5.07E-12
3558	472863.09, 3850377.25	6.57E-08	2.07E-11	6.03E-12	6.49E-08	2.05E-11	5.95E-12	6.30E-08	1.99E-11	5.78E-12
3559	473363.09, 3850377.25	7.01E-08	2.21E-11	6.44E-12	6.92E-08	2.18E-11	6.36E-12	6.72E-08	2.12E-11	6.17E-12
3560	473863.09, 3850377.25	7.50E-08	2.37E-11	6.88E-12	7.40E-08	2.33E-11	6.79E-12	7.18E-08	2.27E-11	6.60E-12
3561	474363.09, 3850377.25	7.78E-08	2.46E-11	7.14E-12	7.68E-08	2.42E-11	7.05E-12	7.46E-08	2.35E-11	6.85E-12
3562	474863.09, 3850377.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
3563	475363.09, 3850377.25	8.30E-08	2.62E-11	7.62E-12	8.19E-08	2.59E-11	7.52E-12	7.96E-08	2.51E-11	7.31E-12
3564	475863.09, 3850377.25	8.59E-08	2.71E-11	7.88E-12	8.48E-08	2.68E-11	7.78E-12	8.23E-08	2.60E-11	7.56E-12
3565	476363.09, 3850377.25	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
3566	476863.09, 3850377.25	8.98E-08	2.83E-11	8.24E-12	8.86E-08	2.80E-11	8.14E-12	8.61E-08	2.72E-11	7.90E-12
3567	477363.09, 3850377.25	9.28E-08	2.93E-11	8.52E-12	9.16E-08	2.89E-11	8.41E-12	8.89E-08	2.81E-11	8.16E-12
3568	477863.09, 3850377.25	9.43E-08	2.98E-11	8.66E-12	9.31E-08	2.94E-11	8.55E-12	9.04E-08	2.85E-11	8.30E-12
3569	478363.09, 3850377.25	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
3570	478863.09, 3850377.25	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
3571	479363.09, 3850377.25	9.75E-08	3.08E-11	8.95E-12	9.62E-08	3.04E-11	8.83E-12	9.34E-08	2.95E-11	8.58E-12
3572	479863.09, 3850377.25	9.92E-08	3.13E-11	9.10E-12	9.79E-08	3.09E-11	8.98E-12	9.50E-08	3.00E-11	8.72E-12
3573	480363.09, 3850377.25	1.05E-07	3.31E-11	9.64E-12	1.04E-07	3.27E-11	9.52E-12	1.01E-07	3.18E-11	9.24E-12

3574	480863.09, 3850377.25	1.09E-07	3.44E-11	1.00E-11	1.08E-07	3.39E-11	9.87E-12	1.04E-07	3.29E-11	9.58E-12
3575	481363.09, 3850377.25	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
3576	481863.09, 3850377.25	8.11E-08	2.56E-11	7.44E-12	8.00E-08	2.53E-11	7.35E-12	7.77E-08	2.45E-11	7.13E-12
3577	482363.09, 3850377.25	7.30E-08	2.30E-11	6.70E-12	7.21E-08	2.27E-11	6.61E-12	7.00E-08	2.21E-11	6.42E-12
3578	482863.09, 3850377.25	5.50E-08	1.74E-11	5.05E-12	5.43E-08	1.71E-11	4.99E-12	5.28E-08	1.67E-11	4.84E-12
3579	483363.09, 3850377.25	4.27E-08	1.35E-11	3.92E-12	4.21E-08	1.33E-11	3.87E-12	4.09E-08	1.29E-11	3.76E-12
3580	483863.09, 3850377.25	4.71E-08	1.49E-11	4.32E-12	4.65E-08	1.47E-11	4.27E-12	4.51E-08	1.42E-11	4.14E-12
3581	484363.09, 3850377.25	5.83E-08	1.84E-11	5.35E-12	5.75E-08	1.82E-11	5.28E-12	5.59E-08	1.76E-11	5.13E-12
3582	484863.09, 3850377.25	7.03E-08	2.22E-11	6.45E-12	6.94E-08	2.19E-11	6.37E-12	6.73E-08	2.13E-11	6.18E-12
3583	485363.09, 3850377.25	6.75E-08	2.13E-11	6.20E-12	6.67E-08	2.10E-11	6.12E-12	6.47E-08	2.04E-11	5.94E-12
3584	485863.09, 3850377.25	6.01E-08	1.90E-11	5.52E-12	5.93E-08	1.87E-11	5.45E-12	5.76E-08	1.82E-11	5.29E-12
3585	486363.09, 3850377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3586	486863.09, 3850377.25	5.32E-08	1.68E-11	4.89E-12	5.25E-08	1.66E-11	4.82E-12	5.10E-08	1.61E-11	4.68E-12
3587	487363.09, 3850377.25	4.95E-08	1.56E-11	4.54E-12	4.88E-08	1.54E-11	4.48E-12	4.74E-08	1.50E-11	4.35E-12
3588	487863.09, 3850377.25	4.76E-08	1.50E-11	4.37E-12	4.70E-08	1.48E-11	4.32E-12	4.56E-08	1.44E-11	4.19E-12
3589	488363.09, 3850377.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
3590	488863.09, 3850377.25	4.13E-08	1.30E-11	3.79E-12	4.07E-08	1.29E-11	3.74E-12	3.95E-08	1.25E-11	3.63E-12
3591	489363.09, 3850377.25	3.92E-08	1.24E-11	3.60E-12	3.87E-08	1.22E-11	3.55E-12	3.75E-08	1.18E-11	3.45E-12
3592	489863.09, 3850377.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3593	490363.09, 3850377.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3594	490863.09, 3850377.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3595	491363.09, 3850377.25	2.76E-08	8.71E-12	2.53E-12	2.72E-08	8.59E-12	2.50E-12	2.64E-08	8.35E-12	2.43E-12
3596	491863.09, 3850377.25	2.51E-08	7.93E-12	2.31E-12	2.48E-08	7.82E-12	2.28E-12	2.41E-08	7.60E-12	2.21E-12
3597	492363.09, 3850377.25	2.25E-08	7.11E-12	2.07E-12	2.22E-08	7.01E-12	2.04E-12	2.16E-08	6.81E-12	1.98E-12
3598	492863.09, 3850377.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3599	493363.09, 3850377.25	1.89E-08	5.96E-12	1.73E-12	1.86E-08	5.88E-12	1.71E-12	1.81E-08	5.71E-12	1.66E-12
3600	493863.09, 3850377.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3601	494363.09, 3850377.25	2.10E-08	6.61E-12	1.92E-12	2.07E-08	6.53E-12	1.90E-12	2.01E-08	6.34E-12	1.84E-12
3602	494863.09, 3850377.25	2.25E-08	7.11E-12	2.07E-12	2.22E-08	7.01E-12	2.04E-12	2.16E-08	6.81E-12	1.98E-12
3603	495363.09, 3850377.25	2.63E-08	8.30E-12	2.41E-12	2.59E-08	8.19E-12	2.38E-12	2.52E-08	7.95E-12	2.31E-12
3604	495863.09, 3850377.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3605	496363.09, 3850377.25	3.05E-08	9.61E-12	2.80E-12	3.01E-08	9.49E-12	2.76E-12	2.92E-08	9.21E-12	2.68E-12
3606	496863.09, 3850377.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3607	497363.09, 3850377.25	3.98E-08	1.26E-11	3.66E-12	3.93E-08	1.24E-11	3.61E-12	3.82E-08	1.20E-11	3.50E-12
3608	497863.09, 3850377.25	3.96E-08	1.25E-11	3.63E-12	3.90E-08	1.23E-11	3.58E-12	3.79E-08	1.20E-11	3.48E-12
3609	498363.09, 3850377.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3610	471363.09, 3850877.25	4.87E-08	1.54E-11	4.47E-12	4.80E-08	1.52E-11	4.41E-12	4.66E-08	1.47E-11	4.28E-12
3611	471863.09, 3850877.25	5.32E-08	1.68E-11	4.89E-12	5.25E-08	1.66E-11	4.82E-12	5.10E-08	1.61E-11	4.68E-12
3612	472363.09, 3850877.25	5.96E-08	1.88E-11	5.47E-12	5.88E-08	1.86E-11	5.40E-12	5.71E-08	1.80E-11	5.24E-12
3613	472863.09, 3850877.25	6.49E-08	2.05E-11	5.96E-12	6.41E-08	2.02E-11	5.88E-12	6.22E-08	1.96E-11	5.71E-12
3614	473363.09, 3850877.25	6.47E-08	2.04E-11	5.94E-12	6.38E-08	2.01E-11	5.86E-12	6.20E-08	1.96E-11	5.69E-12
3615	473863.09, 3850877.25	7.16E-08	2.26E-11	6.57E-12	7.06E-08	2.23E-11	6.49E-12	6.86E-08	2.17E-11	6.30E-12
3616	474363.09, 3850877.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
3617	474863.09, 3850877.25	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
3618	475363.09, 3850877.25	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
3619	475863.09, 3850877.25	8.97E-08	2.83E-11	8.23E-12	8.85E-08	2.79E-11	8.12E-12	8.59E-08	2.71E-11	7.89E-12
3620	476363.09, 3850877.25	9.29E-08	2.93E-11	8.53E-12	9.17E-08	2.89E-11	8.42E-12	8.91E-08	2.81E-11	8.18E-12
3621	476863.09, 3850877.25	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3622	477363.09, 3850877.25	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3623	477863.09, 3850877.25	1.01E-07	3.20E-11	9.29E-12	9.99E-08	3.15E-11	9.17E-12	9.70E-08	3.06E-11	8.91E-12
3624	478363.09, 3850877.25	1.04E-07	3.28E-11	9.53E-12	1.02E-07	3.23E-11	9.41E-12	9.95E-08	3.14E-11	9.14E-12
3625	478863.09, 3850877.25	1.06E-07	3.34E-11	9.72E-12	1.05E-07	3.30E-11	9.60E-12	1.02E-07	3.20E-11	9.32E-12
3626	479363.09, 3850877.25	1.06E-07	3.34E-11	9.71E-12	1.04E-07	3.30E-11	9.59E-12	1.01E-07	3.20E-11	9.31E-12
3627	479863.09, 3850877.25	1.06E-07	3.36E-11	9.76E-12	1.05E-07	3.31E-11	9.63E-12	1.02E-07	3.22E-11	9.35E-12
3628	480363.09, 3850877.25	1.15E-07	3.63E-11	1.06E-11	1.14E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
3629	480863.09, 3850877.25	1.25E-07	3.93E-11	1.14E-11	1.23E-07	3.88E-11	1.13E-11	1.19E-07	3.77E-11	1.10E-11
3630	481363.09, 3850877.25	1.26E-07	3.98E-11	1.16E-11	1.24E-07	3.93E-11	1.14E-11	1.21E-07	3.81E-11	1.11E-11
3631	481863.09, 3850877.25	1.18E-07	3.71E-11	1.08E-11	1.16E-07	3.66E-11	1.06E-11	1.13E-07	3.55E-11	1.03E-11
3632	482363.09, 3850877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
3633	482863.09, 3850877.25	8.20E-08	2.59E-11	7.53E-12	8.09E-08	2.55E-11	7.43E-12	7.86E-08	2.48E-11	7.21E-12
3634	483363.09, 3850877.25	6.78E-08	2.14E-11	6.22E-12	6.69E-08	2.11E-11	6.14E-12	6.50E-08	2.05E-11	5.97E-12
3635	483863.09, 3850877.25	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
3636	484363.09, 3850877.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
3637	484863.09, 3850877.25	7.83E-08	2.47E-11	7.19E-12	7.73E-08	2.44E-11	7.10E-12	7.51E-08	2.37E-11	6.89E-12
3638	485363.09, 3850877.25	7.94E-08	2.51E-11	7.29E-12	7.83E-08	2.47E-11	7.19E-12	7.61E-08	2.40E-11	6.98E-12
3639	485863.09, 3850877.25	7.00E-08	2.21E-11	6.43E-12	6.91E-08	2.18E-11	6.34E-12	6.71E-08	2.12E-11	6.16E-12
3640	486363.09, 3850877.25	7.18E-08	2.27E-11	6.59E-12	7.09E-08	2.24E-11	6.51E-12	6.88E-08	2.17E-11	6.32E-12
3641	486863.09, 3850877.25	6.64E-08	2.09E-11	6.09E-12	6.55E-08	2.07E-11	6.01E-12	6.36E-08	2.01E-11	5.84E-12
3642	487363.09, 3850877.25	5.87E-08	1.85E-11	5.39E-12	5.79E-08	1.83E-11	5.32E-12	5.62E-08	1.78E-11	5.16E-12
3643	487863.09, 3850877.25	5.66E-08	1.79E-11	5.20E-12	5.59E-08	1.76E-11	5.13E-12	5.43E-08	1.71E-11	4.98E-12
3644	488363.09, 3850877.25	5.26E-08	1.66E-11	4.83E-12	5.19E-08	1.64E-11	4.76E-12	5.04E-08	1.59E-11	4.63E-12
3645	488863.09, 3850877.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3646	489363.09, 3850877.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12

3647	489863.09, 3850877.25	4.09E-08	1.29E-11	3.75E-12	4.03E-08	1.27E-11	3.70E-12	3.92E-08	1.24E-11	3.60E-12
3648	490363.09, 3850877.25	3.90E-08	1.23E-11	3.58E-12	3.85E-08	1.22E-11	3.54E-12	3.74E-08	1.18E-11	3.43E-12
3649	490863.09, 3850877.25	3.50E-08	1.10E-11	3.21E-12	3.45E-08	1.09E-11	3.17E-12	3.35E-08	1.06E-11	3.08E-12
3650	491363.09, 3850877.25	3.19E-08	1.01E-11	2.93E-12	3.15E-08	9.93E-12	2.89E-12	3.06E-08	9.64E-12	2.81E-12
3651	491863.09, 3850877.25	2.92E-08	9.20E-12	2.68E-12	2.88E-08	9.08E-12	2.64E-12	2.79E-08	8.82E-12	2.56E-12
3652	492363.09, 3850877.25	2.63E-08	8.30E-12	2.41E-12	2.59E-08	8.19E-12	2.38E-12	2.52E-08	7.95E-12	2.31E-12
3653	492863.09, 3850877.25	2.37E-08	7.48E-12	2.17E-12	2.34E-08	7.38E-12	2.15E-12	2.27E-08	7.16E-12	2.08E-12
3654	493363.09, 3850877.25	2.39E-08	7.56E-12	2.20E-12	2.36E-08	7.46E-12	2.17E-12	2.29E-08	7.24E-12	2.11E-12
3655	493863.09, 3850877.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3656	494363.09, 3850877.25	2.56E-08	8.09E-12	2.35E-12	2.53E-08	7.99E-12	2.32E-12	2.46E-08	7.75E-12	2.26E-12
3657	494863.09, 3850877.25	2.84E-08	8.95E-12	2.60E-12	2.80E-08	8.84E-12	2.57E-12	2.72E-08	8.58E-12	2.50E-12
3658	495363.09, 3850877.25	3.21E-08	1.01E-11	2.95E-12	3.17E-08	1.00E-11	2.91E-12	3.08E-08	9.72E-12	2.83E-12
3659	495863.09, 3850877.25	3.49E-08	1.10E-11	3.20E-12	3.44E-08	1.09E-11	3.16E-12	3.34E-08	1.05E-11	3.07E-12
3660	496363.09, 3850877.25	3.81E-08	1.20E-11	3.50E-12	3.76E-08	1.19E-11	3.45E-12	3.65E-08	1.15E-11	3.35E-12
3661	496863.09, 3850877.25	4.58E-08	1.45E-11	4.21E-12	4.52E-08	1.43E-11	4.15E-12	4.39E-08	1.39E-11	4.03E-12
3662	497363.09, 3850877.25	4.62E-08	1.46E-11	4.24E-12	4.56E-08	1.44E-11	4.19E-12	4.43E-08	1.40E-11	4.06E-12
3663	497863.09, 3850877.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12
3664	498363.09, 3850877.25	4.66E-08	1.47E-11	4.28E-12	4.60E-08	1.45E-11	4.22E-12	4.47E-08	1.41E-11	4.10E-12
3665	471363.09, 3851377.25	5.21E-08	1.64E-11	4.78E-12	5.14E-08	1.62E-11	4.72E-12	4.99E-08	1.57E-11	4.58E-12
3666	471863.09, 3851377.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3667	472363.09, 3851377.25	6.03E-08	1.90E-11	5.53E-12	5.95E-08	1.88E-11	5.46E-12	5.77E-08	1.82E-11	5.30E-12
3668	472863.09, 3851377.25	6.21E-08	1.96E-11	5.70E-12	6.13E-08	1.93E-11	5.62E-12	5.95E-08	1.88E-11	5.46E-12
3669	473363.09, 3851377.25	6.01E-08	1.90E-11	5.52E-12	5.93E-08	1.87E-11	5.45E-12	5.76E-08	1.82E-11	5.29E-12
3670	473863.09, 3851377.25	6.38E-08	2.01E-11	5.85E-12	6.29E-08	1.99E-11	5.78E-12	6.11E-08	1.93E-11	5.61E-12
3671	474363.09, 3851377.25	7.25E-08	2.29E-11	6.65E-12	7.15E-08	2.26E-11	6.57E-12	6.95E-08	2.19E-11	6.38E-12
3672	474863.09, 3851377.25	8.08E-08	2.55E-11	7.42E-12	7.98E-08	2.52E-11	7.32E-12	7.75E-08	2.44E-11	7.11E-12
3673	475363.09, 3851377.25	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
3674	475863.09, 3851377.25	9.36E-08	2.95E-11	8.59E-12	9.23E-08	2.91E-11	8.48E-12	8.97E-08	2.83E-11	8.23E-12
3675	476363.09, 3851377.25	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
3676	476863.09, 3851377.25	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3677	477363.09, 3851377.25	1.04E-07	3.30E-11	9.59E-12	1.03E-07	3.26E-11	9.47E-12	1.00E-07	3.16E-11	9.19E-12
3678	477863.09, 3851377.25	1.08E-07	3.40E-11	9.88E-12	1.06E-07	3.35E-11	9.75E-12	1.03E-07	3.26E-11	9.47E-12
3679	478363.09, 3851377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.43E-11	9.99E-12	1.06E-07	3.33E-11	9.70E-12
3680	478863.09, 3851377.25	1.14E-07	3.59E-11	1.05E-11	1.12E-07	3.55E-11	1.03E-11	1.09E-07	3.44E-11	1.00E-11
3681	479363.09, 3851377.25	1.16E-07	3.67E-11	1.07E-11	1.15E-07	3.62E-11	1.05E-11	1.12E-07	3.52E-11	1.02E-11
3682	479863.09, 3851377.25	1.18E-07	3.73E-11	1.08E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3683	480363.09, 3851377.25	1.21E-07	3.80E-11	1.11E-11	1.19E-07	3.75E-11	1.09E-11	1.15E-07	3.65E-11	1.06E-11
3684	480863.09, 3851377.25	1.29E-07	4.07E-11	1.18E-11	1.27E-07	4.01E-11	1.17E-11	1.23E-07	3.90E-11	1.13E-11
3685	481363.09, 3851377.25	1.41E-07	4.45E-11	1.30E-11	1.39E-07	4.39E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
3686	481863.09, 3851377.25	1.41E-07	4.46E-11	1.30E-11	1.39E-07	4.40E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
3687	482363.09, 3851377.25	1.34E-07	4.24E-11	1.23E-11	1.33E-07	4.19E-11	1.22E-11	1.29E-07	4.07E-11	1.18E-11
3688	482863.09, 3851377.25	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.41E-11	9.92E-12	1.05E-07	3.31E-11	9.63E-12
3689	483363.09, 3851377.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
3690	483863.09, 3851377.25	8.12E-08	2.56E-11	7.45E-12	8.01E-08	2.53E-11	7.36E-12	7.78E-08	2.46E-11	7.14E-12
3691	484363.09, 3851377.25	9.77E-08	3.08E-11	8.97E-12	9.65E-08	3.04E-11	8.86E-12	9.37E-08	2.96E-11	8.60E-12
3692	484863.09, 3851377.25	7.77E-08	2.45E-11	7.13E-12	7.67E-08	2.42E-11	7.04E-12	7.45E-08	2.35E-11	6.84E-12
3693	485363.09, 3851377.25	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
3694	485863.09, 3851377.25	8.16E-08	2.58E-11	7.49E-12	8.05E-08	2.54E-11	7.39E-12	7.82E-08	2.47E-11	7.18E-12
3695	486363.09, 3851377.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
3696	486863.09, 3851377.25	8.22E-08	2.60E-11	7.55E-12	8.12E-08	2.56E-11	7.45E-12	7.88E-08	2.49E-11	7.24E-12
3697	487363.09, 3851377.25	6.53E-08	2.06E-11	6.00E-12	6.45E-08	2.03E-11	5.92E-12	6.26E-08	1.98E-11	5.75E-12
3698	487863.09, 3851377.25	6.64E-08	2.09E-11	6.09E-12	6.55E-08	2.07E-11	6.01E-12	6.36E-08	2.01E-11	5.84E-12
3699	488363.09, 3851377.25	6.32E-08	2.00E-11	5.81E-12	6.24E-08	1.97E-11	5.73E-12	6.06E-08	1.91E-11	5.56E-12
3700	488863.09, 3851377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3701	489363.09, 3851377.25	5.39E-08	1.70E-11	4.95E-12	5.32E-08	1.68E-11	4.88E-12	5.16E-08	1.63E-11	4.74E-12
3702	489863.09, 3851377.25	4.75E-08	1.50E-11	4.36E-12	4.69E-08	1.48E-11	4.30E-12	4.55E-08	1.44E-11	4.18E-12
3703	490363.09, 3851377.25	4.53E-08	1.43E-11	4.16E-12	4.47E-08	1.41E-11	4.10E-12	4.34E-08	1.37E-11	3.98E-12
3704	490863.09, 3851377.25	4.03E-08	1.27E-11	3.70E-12	3.98E-08	1.26E-11	3.66E-12	3.87E-08	1.22E-11	3.55E-12
3705	491363.09, 3851377.25	3.67E-08	1.16E-11	3.37E-12	3.62E-08	1.14E-11	3.33E-12	3.52E-08	1.11E-11	3.23E-12
3706	491863.09, 3851377.25	3.34E-08	1.06E-11	3.07E-12	3.30E-08	1.04E-11	3.03E-12	3.21E-08	1.01E-11	2.94E-12
3707	492363.09, 3851377.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3708	492863.09, 3851377.25	2.80E-08	8.83E-12	2.57E-12	2.76E-08	8.72E-12	2.54E-12	2.68E-08	8.46E-12	2.46E-12
3709	493363.09, 3851377.25	2.62E-08	8.26E-12	2.40E-12	2.58E-08	8.15E-12	2.37E-12	2.51E-08	7.91E-12	2.30E-12
3710	493863.09, 3851377.25	2.76E-08	8.71E-12	2.53E-12	2.72E-08	8.59E-12	2.50E-12	2.64E-08	8.35E-12	2.43E-12
3711	494363.09, 3851377.25	3.08E-08	9.73E-12	2.83E-12	3.04E-08	9.61E-12	2.79E-12	2.96E-08	9.33E-12	2.71E-12
3712	494863.09, 3851377.25	3.45E-08	1.09E-11	3.17E-12	3.40E-08	1.07E-11	3.12E-12	3.31E-08	1.04E-11	3.03E-12
3713	495363.09, 3851377.25	4.14E-08	1.31E-11	3.80E-12	4.08E-08	1.29E-11	3.75E-12	3.97E-08	1.25E-11	3.64E-12
3714	495863.09, 3851377.25	4.68E-08	1.48E-11	4.30E-12	4.62E-08	1.46E-11	4.24E-12	4.49E-08	1.42E-11	4.12E-12
3715	496363.09, 3851377.25	5.23E-08	1.65E-11	4.80E-12	5.16E-08	1.63E-11	4.74E-12	5.01E-08	1.58E-11	4.60E-12
3716	496863.09, 3851377.25	5.37E-08	1.70E-11	4.93E-12	5.30E-08	1.67E-11	4.87E-12	5.15E-08	1.63E-11	4.73E-12
3717	497363.09, 3851377.25	5.40E-08	1.70E-11	4.96E-12	5.33E-08	1.68E-11	4.89E-12	5.18E-08	1.63E-11	4.75E-12
3718	497863.09, 3851377.25	5.52E-08	1.74E-11	5.07E-12	5.45E-08	1.72E-11	5.00E-12	5.29E-08	1.67E-11	4.85E-12
3719	498363.09, 3851377.25	5.45E-08	1.72E-11	5.01E-12	5.38E-08	1.70E-11	4.94E-12	5.23E-08	1.65E-11	4.80E-12

3720	471363.09, 3851877.25	5.87E-08	1.85E-11	5.39E-12	5.79E-08	1.83E-11	5.32E-12	5.62E-08	1.78E-11	5.16E-12
3721	471863.09, 3851877.25	5.69E-08	1.79E-11	5.22E-12	5.61E-08	1.77E-11	5.15E-12	5.45E-08	1.72E-11	5.00E-12
3722	472363.09, 3851877.25	6.06E-08	1.91E-11	5.57E-12	5.99E-08	1.89E-11	5.49E-12	5.81E-08	1.83E-11	5.34E-12
3723	472863.09, 3851877.25	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
3724	473363.09, 3851877.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
3725	473863.09, 3851877.25	6.32E-08	2.00E-11	5.81E-12	6.24E-08	1.97E-11	5.73E-12	6.06E-08	1.91E-11	5.56E-12
3726	474363.09, 3851877.25	7.08E-08	2.23E-11	6.50E-12	6.99E-08	2.21E-11	6.41E-12	6.78E-08	2.14E-11	6.23E-12
3727	474863.09, 3851877.25	7.85E-08	2.48E-11	7.20E-12	7.74E-08	2.44E-11	7.11E-12	7.52E-08	2.37E-11	6.90E-12
3728	475363.09, 3851877.25	8.41E-08	2.65E-11	7.72E-12	8.30E-08	2.62E-11	7.62E-12	8.06E-08	2.54E-11	7.40E-12
3729	475863.09, 3851877.25	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
3730	476363.09, 3851877.25	9.36E-08	2.95E-11	8.59E-12	9.23E-08	2.91E-11	8.48E-12	8.97E-08	2.83E-11	8.23E-12
3731	476863.09, 3851877.25	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
3732	477363.09, 3851877.25	1.04E-07	3.28E-11	9.55E-12	1.03E-07	3.24E-11	9.42E-12	9.97E-08	3.15E-11	9.15E-12
3733	477863.09, 3851877.25	1.09E-07	3.43E-11	9.98E-12	1.07E-07	3.38E-11	9.85E-12	1.04E-07	3.29E-11	9.56E-12
3734	478363.09, 3851877.25	1.12E-07	3.52E-11	1.02E-11	1.10E-07	3.47E-11	1.01E-11	1.07E-07	3.37E-11	9.81E-12
3735	478863.09, 3851877.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3736	479363.09, 3851877.25	1.25E-07	3.93E-11	1.14E-11	1.23E-07	3.88E-11	1.13E-11	1.19E-07	3.77E-11	1.10E-11
3737	479863.09, 3851877.25	1.29E-07	4.08E-11	1.19E-11	1.28E-07	4.03E-11	1.17E-11	1.24E-07	3.91E-11	1.14E-11
3738	480363.09, 3851877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.08E-11	1.19E-11	1.26E-07	3.96E-11	1.15E-11
3739	480863.09, 3851877.25	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.18E-11	1.21E-11	1.28E-07	4.05E-11	1.18E-11
3740	481363.09, 3851877.25	1.44E-07	4.55E-11	1.32E-11	1.42E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
3741	481863.09, 3851877.25	1.56E-07	4.91E-11	1.43E-11	1.53E-07	4.84E-11	1.41E-11	1.49E-07	4.70E-11	1.37E-11
3742	482363.09, 3851877.25	1.45E-07	4.59E-11	1.33E-11	1.43E-07	4.53E-11	1.32E-11	1.39E-07	4.40E-11	1.28E-11
3743	482863.09, 3851877.25	1.20E-07	3.79E-11	1.10E-11	1.19E-07	3.74E-11	1.09E-11	1.15E-07	3.63E-11	1.06E-11
3744	483363.09, 3851877.25	1.18E-07	3.73E-11	1.08E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3745	483863.09, 3851877.25	1.15E-07	3.62E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.47E-11	1.01E-11
3746	484363.09, 3851877.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
3747	484863.09, 3851877.25	1.13E-07	3.55E-11	1.03E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.40E-11	9.90E-12
3748	485363.09, 3851877.25	1.15E-07	3.61E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
3749	485863.09, 3851877.25	1.11E-07	3.50E-11	1.02E-11	1.09E-07	3.45E-11	1.00E-11	1.06E-07	3.35E-11	9.76E-12
3750	486363.09, 3851877.25	9.99E-08	3.15E-11	9.18E-12	9.86E-08	3.11E-11	9.06E-12	9.58E-08	3.02E-11	8.79E-12
3751	486863.09, 3851877.25	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3752	487363.09, 3851877.25	9.04E-08	2.85E-11	8.30E-12	8.93E-08	2.82E-11	8.19E-12	8.67E-08	2.74E-11	7.96E-12
3753	487863.09, 3851877.25	7.11E-08	2.24E-11	6.52E-12	7.01E-08	2.21E-11	6.44E-12	6.81E-08	2.15E-11	6.25E-12
3754	488363.09, 3851877.25	6.64E-08	2.09E-11	6.09E-12	6.55E-08	2.07E-11	6.01E-12	6.36E-08	2.01E-11	5.84E-12
3755	488863.09, 3851877.25	5.57E-08	1.76E-11	5.11E-12	5.50E-08	1.73E-11	5.05E-12	5.34E-08	1.68E-11	4.90E-12
3756	489363.09, 3851877.25	5.11E-08	1.61E-11	4.70E-12	5.05E-08	1.59E-11	4.63E-12	4.90E-08	1.55E-11	4.50E-12
3757	489863.09, 3851877.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
3758	490363.09, 3851877.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3759	490863.09, 3851877.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3760	491363.09, 3851877.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3761	491863.09, 3851877.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3762	492363.09, 3851877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3763	492863.09, 3851877.25	3.03E-08	9.57E-12	2.78E-12	2.99E-08	9.45E-12	2.75E-12	2.91E-08	9.17E-12	2.67E-12
3764	493363.09, 3851877.25	3.67E-08	1.16E-11	3.37E-12	3.62E-08	1.14E-11	3.33E-12	3.52E-08	1.11E-11	3.23E-12
3765	493863.09, 3851877.25	4.20E-08	1.33E-11	3.86E-12	4.15E-08	1.31E-11	3.81E-12	4.03E-08	1.27E-11	3.70E-12
3766	494363.09, 3851877.25	4.19E-08	1.32E-11	3.85E-12	4.14E-08	1.31E-11	3.80E-12	4.02E-08	1.27E-11	3.69E-12
3767	494863.09, 3851877.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3768	495363.09, 3851877.25	5.62E-08	1.77E-11	5.16E-12	5.55E-08	1.75E-11	5.09E-12	5.39E-08	1.70E-11	4.95E-12
3769	495863.09, 3851877.25	6.26E-08	1.98E-11	5.75E-12	6.18E-08	1.95E-11	5.67E-12	6.00E-08	1.89E-11	5.51E-12
3770	496363.09, 3851877.25	6.52E-08	2.06E-11	5.99E-12	6.43E-08	2.03E-11	5.91E-12	6.25E-08	1.97E-11	5.74E-12
3771	496863.09, 3851877.25	6.39E-08	2.02E-11	5.87E-12	6.31E-08	1.99E-11	5.79E-12	6.12E-08	1.93E-11	5.62E-12
3772	497363.09, 3851877.25	6.47E-08	2.04E-11	5.94E-12	6.38E-08	2.01E-11	5.86E-12	6.20E-08	1.96E-11	5.69E-12
3773	497863.09, 3851877.25	6.34E-08	2.00E-11	5.82E-12	6.25E-08	1.97E-11	5.74E-12	6.07E-08	1.92E-11	5.58E-12
3774	498363.09, 3851877.25	6.27E-08	1.98E-11	5.76E-12	6.19E-08	1.95E-11	5.68E-12	6.01E-08	1.90E-11	5.52E-12
3775	471363.09, 3852377.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3776	471863.09, 3852377.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3777	472363.09, 3852377.25	6.56E-08	2.07E-11	6.02E-12	6.47E-08	2.04E-11	5.94E-12	6.29E-08	1.98E-11	5.77E-12
3778	472863.09, 3852377.25	6.74E-08	2.13E-11	6.19E-12	6.65E-08	2.10E-11	6.11E-12	6.46E-08	2.04E-11	5.93E-12
3779	473363.09, 3852377.25	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
3780	473863.09, 3852377.25	6.81E-08	2.15E-11	6.25E-12	6.72E-08	2.12E-11	6.17E-12	6.52E-08	2.06E-11	5.99E-12
3781	474363.09, 3852377.25	6.92E-08	2.19E-11	6.36E-12	6.83E-08	2.16E-11	6.27E-12	6.64E-08	2.09E-11	6.09E-12
3782	474863.09, 3852377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
3783	475363.09, 3852377.25	8.29E-08	2.62E-11	7.61E-12	8.18E-08	2.58E-11	7.51E-12	7.94E-08	2.51E-11	7.29E-12
3784	475863.09, 3852377.25	8.51E-08	2.69E-11	7.81E-12	8.40E-08	2.65E-11	7.71E-12	8.16E-08	2.57E-11	7.49E-12
3785	476363.09, 3852377.25	8.64E-08	2.73E-11	7.93E-12	8.53E-08	2.69E-11	7.83E-12	8.28E-08	2.61E-11	7.60E-12
3786	476863.09, 3852377.25	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12
3787	477363.09, 3852377.25	9.92E-08	3.13E-11	9.10E-12	9.79E-08	3.09E-11	8.98E-12	9.50E-08	3.00E-11	8.72E-12
3788	477863.09, 3852377.25	9.33E-08	2.94E-11	8.57E-12	9.21E-08	2.91E-11	8.45E-12	8.94E-08	2.82E-11	8.21E-12
3789	478363.09, 3852377.25	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
3790	478863.09, 3852377.25	1.04E-07	3.29E-11	9.56E-12	1.03E-07	3.24E-11	9.43E-12	9.98E-08	3.15E-11	9.16E-12
3791	479363.09, 3852377.25	1.15E-07	3.62E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.47E-11	1.01E-11
3792	479863.09, 3852377.25	1.32E-07	4.18E-11	1.21E-11	1.31E-07	4.12E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11

3793	480363.09, 3852377.25	1.44E-07	4.55E-11	1.32E-11	1.42E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
3794	480863.09, 3852377.25	1.47E-07	4.64E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
3795	481363.09, 3852377.25	1.50E-07	4.73E-11	1.38E-11	1.48E-07	4.67E-11	1.36E-11	1.44E-07	4.53E-11	1.32E-11
3796	481863.09, 3852377.25	1.61E-07	5.08E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.87E-11	1.42E-11
3797	482363.09, 3852377.25	1.75E-07	5.52E-11	1.61E-11	1.73E-07	5.45E-11	1.58E-11	1.68E-07	5.29E-11	1.54E-11
3798	482863.09, 3852377.25	1.76E-07	5.57E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.34E-11	1.55E-11
3799	483363.09, 3852377.25	1.53E-07	4.81E-11	1.40E-11	1.51E-07	4.75E-11	1.38E-11	1.46E-07	4.61E-11	1.34E-11
3800	483863.09, 3852377.25	1.29E-07	4.07E-11	1.19E-11	1.27E-07	4.02E-11	1.17E-11	1.24E-07	3.90E-11	1.14E-11
3801	484363.09, 3852377.25	1.44E-07	4.55E-11	1.32E-11	1.42E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
3802	484863.09, 3852377.25	1.45E-07	4.58E-11	1.33E-11	1.43E-07	4.52E-11	1.31E-11	1.39E-07	4.39E-11	1.28E-11
3803	485363.09, 3852377.25	1.50E-07	4.74E-11	1.38E-11	1.48E-07	4.68E-11	1.36E-11	1.44E-07	4.54E-11	1.32E-11
3804	485863.09, 3852377.25	1.36E-07	4.30E-11	1.25E-11	1.35E-07	4.25E-11	1.24E-11	1.31E-07	4.13E-11	1.20E-11
3805	486363.09, 3852377.25	1.14E-07	3.59E-11	1.04E-11	1.12E-07	3.54E-11	1.03E-11	1.09E-07	3.44E-11	1.00E-11
3806	486863.09, 3852377.25	1.06E-07	3.35E-11	9.74E-12	1.05E-07	3.30E-11	9.61E-12	1.02E-07	3.21E-11	9.33E-12
3807	487363.09, 3852377.25	9.45E-08	2.98E-11	8.67E-12	9.32E-08	2.94E-11	8.56E-12	9.05E-08	2.86E-11	8.31E-12
3808	487863.09, 3852377.25	7.94E-08	2.51E-11	7.29E-12	7.83E-08	2.47E-11	7.19E-12	7.61E-08	2.40E-11	6.98E-12
3809	488363.09, 3852377.25	6.66E-08	2.10E-11	6.12E-12	6.58E-08	2.08E-11	6.04E-12	6.39E-08	2.02E-11	5.86E-12
3810	488863.09, 3852377.25	5.39E-08	1.70E-11	4.95E-12	5.32E-08	1.68E-11	4.88E-12	5.16E-08	1.63E-11	4.74E-12
3811	489363.09, 3852377.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3812	489863.09, 3852377.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3813	490363.09, 3852377.25	4.41E-08	1.39E-11	4.05E-12	4.35E-08	1.37E-11	4.00E-12	4.23E-08	1.33E-11	3.88E-12
3814	490863.09, 3852377.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3815	491363.09, 3852377.25	5.15E-08	1.63E-11	4.73E-12	5.09E-08	1.61E-11	4.67E-12	4.94E-08	1.56E-11	4.53E-12
3816	491863.09, 3852377.25	4.84E-08	1.53E-11	4.44E-12	4.78E-08	1.51E-11	4.39E-12	4.64E-08	1.46E-11	4.26E-12
3817	492363.09, 3852377.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
3818	492863.09, 3852377.25	5.02E-08	1.59E-11	4.61E-12	4.96E-08	1.56E-11	4.55E-12	4.81E-08	1.52E-11	4.42E-12
3819	493363.09, 3852377.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3820	493863.09, 3852377.25	5.47E-08	1.73E-11	5.02E-12	5.39E-08	1.70E-11	4.95E-12	5.24E-08	1.65E-11	4.81E-12
3821	494363.09, 3852377.25	5.99E-08	1.89E-11	5.50E-12	5.91E-08	1.86E-11	5.42E-12	5.74E-08	1.81E-11	5.27E-12
3822	494863.09, 3852377.25	6.62E-08	2.09E-11	6.08E-12	6.54E-08	2.06E-11	6.00E-12	6.35E-08	2.00E-11	5.83E-12
3823	495363.09, 3852377.25	7.68E-08	2.42E-11	7.05E-12	7.58E-08	2.39E-11	6.96E-12	7.36E-08	2.32E-11	6.76E-12
3824	495863.09, 3852377.25	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
3825	496363.09, 3852377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12
3826	496863.09, 3852377.25	7.77E-08	2.45E-11	7.13E-12	7.67E-08	2.42E-11	7.04E-12	7.45E-08	2.35E-11	6.84E-12
3827	497363.09, 3852377.25	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
3828	497863.09, 3852377.25	7.25E-08	2.29E-11	6.65E-12	7.15E-08	2.26E-11	6.57E-12	6.95E-08	2.19E-11	6.38E-12
3829	498363.09, 3852377.25	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
3830	471363.09, 3852877.25	6.09E-08	1.92E-11	5.59E-12	6.01E-08	1.90E-11	5.52E-12	5.84E-08	1.84E-11	5.36E-12
3831	471863.09, 3852877.25	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
3832	472363.09, 3852877.25	7.03E-08	2.22E-11	6.45E-12	6.94E-08	2.19E-11	6.37E-12	6.73E-08	2.13E-11	6.18E-12
3833	472863.09, 3852877.25	7.35E-08	2.32E-11	6.75E-12	7.26E-08	2.29E-11	6.66E-12	7.05E-08	2.22E-11	6.47E-12
3834	473363.09, 3852877.25	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
3835	473863.09, 3852877.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
3836	474363.09, 3852877.25	8.24E-08	2.60E-11	7.56E-12	8.13E-08	2.57E-11	7.46E-12	7.89E-08	2.49E-11	7.25E-12
3837	474863.09, 3852877.25	7.86E-08	2.48E-11	7.22E-12	7.76E-08	2.45E-11	7.12E-12	7.53E-08	2.38E-11	6.92E-12
3838	475363.09, 3852877.25	8.26E-08	2.61E-11	7.59E-12	8.16E-08	2.57E-11	7.49E-12	7.92E-08	2.50E-11	7.27E-12
3839	475863.09, 3852877.25	8.45E-08	2.67E-11	7.75E-12	8.34E-08	2.63E-11	7.65E-12	8.09E-08	2.55E-11	7.43E-12
3840	476363.09, 3852877.25	8.28E-08	2.61E-11	7.60E-12	8.17E-08	2.58E-11	7.50E-12	7.93E-08	2.50E-11	7.28E-12
3841	476863.09, 3852877.25	7.78E-08	2.46E-11	7.14E-12	7.68E-08	2.42E-11	7.05E-12	7.46E-08	2.35E-11	6.85E-12
3842	477363.09, 3852877.25	7.42E-08	2.34E-11	6.81E-12	7.32E-08	2.31E-11	6.72E-12	7.11E-08	2.24E-11	6.53E-12
3843	477863.09, 3852877.25	7.08E-08	2.23E-11	6.50E-12	6.99E-08	2.21E-11	6.41E-12	6.78E-08	2.14E-11	6.23E-12
3844	478363.09, 3852877.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3845	478863.09, 3852877.25	6.90E-08	2.18E-11	6.33E-12	6.81E-08	2.15E-11	6.25E-12	6.61E-08	2.09E-11	6.07E-12
3846	479363.09, 3852877.25	8.86E-08	2.80E-11	8.14E-12	8.75E-08	2.76E-11	8.03E-12	8.49E-08	2.68E-11	7.80E-12
3847	479863.09, 3852877.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.95E-11	1.15E-11	1.21E-07	3.83E-11	1.12E-11
3848	480363.09, 3852877.25	1.52E-07	4.80E-11	1.40E-11	1.50E-07	4.74E-11	1.38E-11	1.46E-07	4.60E-11	1.34E-11
3849	480863.09, 3852877.25	1.59E-07	5.02E-11	1.46E-11	1.57E-07	4.95E-11	1.44E-11	1.52E-07	4.81E-11	1.40E-11
3850	481363.09, 3852877.25	1.67E-07	5.29E-11	1.54E-11	1.65E-07	5.22E-11	1.52E-11	1.61E-07	5.07E-11	1.47E-11
3851	481863.09, 3852877.25	1.70E-07	5.38E-11	1.56E-11	1.68E-07	5.31E-11	1.54E-11	1.63E-07	5.15E-11	1.50E-11
3852	482363.09, 3852877.25	1.81E-07	5.72E-11	1.66E-11	1.79E-07	5.64E-11	1.64E-11	1.74E-07	5.48E-11	1.59E-11
3853	482863.09, 3852877.25	1.98E-07	6.26E-11	1.82E-11	1.96E-07	6.18E-11	1.80E-11	1.90E-07	6.00E-11	1.74E-11
3854	483363.09, 3852877.25	1.99E-07	6.29E-11	1.83E-11	1.97E-07	6.21E-11	1.81E-11	1.91E-07	6.03E-11	1.75E-11
3855	483863.09, 3852877.25	1.67E-07	5.26E-11	1.53E-11	1.64E-07	5.19E-11	1.51E-11	1.60E-07	5.04E-11	1.47E-11
3856	484363.09, 3852877.25	1.72E-07	5.44E-11	1.58E-11	1.70E-07	5.37E-11	1.56E-11	1.65E-07	5.22E-11	1.52E-11
3857	484863.09, 3852877.25	1.82E-07	5.73E-11	1.67E-11	1.79E-07	5.65E-11	1.64E-11	1.74E-07	5.49E-11	1.60E-11
3858	485363.09, 3852877.25	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.41E-11	1.28E-11
3859	485863.09, 3852877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.09E-11	1.19E-11	1.26E-07	3.97E-11	1.15E-11
3860	486363.09, 3852877.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.42E-11	9.94E-12	1.05E-07	3.32E-11	9.65E-12
3861	486863.09, 3852877.25	1.01E-07	3.20E-11	9.31E-12	1.00E-07	3.16E-11	9.19E-12	9.72E-08	3.07E-11	8.92E-12
3862	487363.09, 3852877.25	8.80E-08	2.78E-11	8.08E-12	8.68E-08	2.74E-11	7.97E-12	8.43E-08	2.66E-11	7.74E-12
3863	487863.09, 3852877.25	7.83E-08	2.47E-11	7.19E-12	7.73E-08	2.44E-11	7.10E-12	7.51E-08	2.37E-11	6.89E-12
3864	488363.09, 3852877.25	5.27E-08	1.66E-11	4.84E-12	5.20E-08	1.64E-11	4.78E-12	5.05E-08	1.59E-11	4.64E-12
3865	488863.09, 3852877.25	5.18E-08	1.63E-11	4.75E-12	5.11E-08	1.61E-11	4.69E-12	4.96E-08	1.57E-11	4.56E-12

3866	489363.09, 3852877.25	5.08E-08	1.60E-11	4.66E-12	5.01E-08	1.58E-11	4.60E-12	4.86E-08	1.54E-11	4.47E-12
3867	489863.09, 3852877.25	4.92E-08	1.55E-11	4.52E-12	4.85E-08	1.53E-11	4.46E-12	4.71E-08	1.49E-11	4.33E-12
3868	490363.09, 3852877.25	5.90E-08	1.86E-11	5.41E-12	5.82E-08	1.84E-11	5.34E-12	5.65E-08	1.78E-11	5.19E-12
3869	490863.09, 3852877.25	6.38E-08	2.01E-11	5.85E-12	6.29E-08	1.99E-11	5.78E-12	6.11E-08	1.93E-11	5.61E-12
3870	491363.09, 3852877.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3871	491863.09, 3852877.25	6.21E-08	1.96E-11	5.70E-12	6.13E-08	1.93E-11	5.62E-12	5.95E-08	1.88E-11	5.46E-12
3872	492363.09, 3852877.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3873	492863.09, 3852877.25	7.12E-08	2.25E-11	6.53E-12	7.03E-08	2.22E-11	6.45E-12	6.82E-08	2.15E-11	6.26E-12
3874	493363.09, 3852877.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
3875	493863.09, 3852877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
3876	494363.09, 3852877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
3877	494863.09, 3852877.25	9.24E-08	2.92E-11	8.48E-12	9.12E-08	2.88E-11	8.37E-12	8.86E-08	2.79E-11	8.13E-12
3878	495363.09, 3852877.25	9.49E-08	2.99E-11	8.71E-12	9.36E-08	2.96E-11	8.60E-12	9.09E-08	2.87E-11	8.35E-12
3879	495863.09, 3852877.25	9.10E-08	2.87E-11	8.35E-12	8.98E-08	2.83E-11	8.24E-12	8.72E-08	2.75E-11	8.00E-12
3880	496363.09, 3852877.25	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
3881	496863.09, 3852877.25	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
3882	497363.09, 3852877.25	9.04E-08	2.85E-11	8.30E-12	8.93E-08	2.82E-11	8.19E-12	8.67E-08	2.74E-11	7.96E-12
3883	497863.09, 3852877.25	8.07E-08	2.55E-11	7.41E-12	7.96E-08	2.51E-11	7.31E-12	7.73E-08	2.44E-11	7.10E-12
3884	498363.09, 3852877.25	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
3885	471363.09, 3853377.25	6.14E-08	1.94E-11	5.64E-12	6.06E-08	1.91E-11	5.57E-12	5.89E-08	1.86E-11	5.40E-12
3886	471863.09, 3853377.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3887	472363.09, 3853377.25	7.08E-08	2.23E-11	6.50E-12	6.99E-08	2.21E-11	6.41E-12	6.78E-08	2.14E-11	6.23E-12
3888	472863.09, 3853377.25	7.55E-08	2.38E-11	6.93E-12	7.45E-08	2.35E-11	6.84E-12	7.23E-08	2.28E-11	6.64E-12
3889	473363.09, 3853377.25	7.90E-08	2.49E-11	7.25E-12	7.80E-08	2.46E-11	7.16E-12	7.57E-08	2.39E-11	6.95E-12
3890	473863.09, 3853377.25	8.26E-08	2.61E-11	7.59E-12	8.16E-08	2.57E-11	7.49E-12	7.92E-08	2.50E-11	7.27E-12
3891	474363.09, 3853377.25	8.56E-08	2.70E-11	7.86E-12	8.45E-08	2.67E-11	7.76E-12	8.21E-08	2.59E-11	7.53E-12
3892	474863.09, 3853377.25	8.46E-08	2.67E-11	7.77E-12	8.35E-08	2.63E-11	7.66E-12	8.11E-08	2.56E-11	7.44E-12
3893	475363.09, 3853377.25	8.41E-08	2.65E-11	7.72E-12	8.30E-08	2.62E-11	7.62E-12	8.06E-08	2.54E-11	7.40E-12
3894	475863.09, 3853377.25	8.28E-08	2.61E-11	7.60E-12	8.17E-08	2.58E-11	7.50E-12	7.93E-08	2.50E-11	7.28E-12
3895	476363.09, 3853377.25	7.78E-08	2.46E-11	7.14E-12	7.68E-08	2.42E-11	7.05E-12	7.46E-08	2.35E-11	6.85E-12
3896	476863.09, 3853377.25	6.96E-08	2.20E-11	6.39E-12	6.87E-08	2.17E-11	6.31E-12	6.67E-08	2.11E-11	6.13E-12
3897	477363.09, 3853377.25	6.81E-08	2.15E-11	6.25E-12	6.72E-08	2.12E-11	6.17E-12	6.52E-08	2.06E-11	5.99E-12
3898	477863.09, 3853377.25	6.83E-08	2.16E-11	6.27E-12	6.74E-08	2.13E-11	6.19E-12	6.55E-08	2.07E-11	6.01E-12
3899	478363.09, 3853377.25	5.99E-08	1.89E-11	5.50E-12	5.91E-08	1.86E-11	5.42E-12	5.74E-08	1.81E-11	5.27E-12
3900	478863.09, 3853377.25	4.74E-08	1.50E-11	4.35E-12	4.68E-08	1.48E-11	4.29E-12	4.54E-08	1.43E-11	4.17E-12
3901	479363.09, 3853377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12
3902	479863.09, 3853377.25	1.05E-07	3.31E-11	9.64E-12	1.04E-07	3.27E-11	9.52E-12	1.01E-07	3.18E-11	9.24E-12
3903	480363.09, 3853377.25	1.45E-07	4.59E-11	1.33E-11	1.43E-07	4.53E-11	1.32E-11	1.39E-07	4.40E-11	1.28E-11
3904	480863.09, 3853377.25	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
3905	481363.09, 3853377.25	1.74E-07	5.50E-11	1.60E-11	1.72E-07	5.43E-11	1.58E-11	1.67E-07	5.27E-11	1.53E-11
3906	481863.09, 3853377.25	1.92E-07	6.05E-11	1.76E-11	1.89E-07	5.97E-11	1.74E-11	1.84E-07	5.79E-11	1.69E-11
3907	482363.09, 3853377.25	1.96E-07	6.17E-11	1.80E-11	1.93E-07	6.09E-11	1.77E-11	1.87E-07	5.92E-11	1.72E-11
3908	482863.09, 3853377.25	2.05E-07	6.47E-11	1.88E-11	2.02E-07	6.39E-11	1.86E-11	1.97E-07	6.20E-11	1.80E-11
3909	483363.09, 3853377.25	2.18E-07	6.88E-11	2.00E-11	2.15E-07	6.79E-11	1.98E-11	2.09E-07	6.60E-11	1.92E-11
3910	483863.09, 3853377.25	2.24E-07	7.06E-11	2.05E-11	2.21E-07	6.96E-11	2.03E-11	2.14E-07	6.76E-11	1.97E-11
3911	484363.09, 3853377.25	2.19E-07	6.92E-11	2.01E-11	2.17E-07	6.83E-11	1.99E-11	2.10E-07	6.64E-11	1.93E-11
3912	484863.09, 3853377.25	1.90E-07	5.99E-11	1.74E-11	1.87E-07	5.91E-11	1.72E-11	1.82E-07	5.74E-11	1.67E-11
3913	485363.09, 3853377.25	1.44E-07	4.53E-11	1.32E-11	1.42E-07	4.47E-11	1.30E-11	1.38E-07	4.34E-11	1.26E-11
3914	485863.09, 3853377.25	1.05E-07	3.31E-11	9.63E-12	1.04E-07	3.27E-11	9.50E-12	1.01E-07	3.17E-11	9.23E-12
3915	486363.09, 3853377.25	1.05E-07	3.32E-11	9.65E-12	1.04E-07	3.28E-11	9.53E-12	1.01E-07	3.18E-11	9.25E-12
3916	486863.09, 3853377.25	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
3917	487363.09, 3853377.25	1.05E-07	3.31E-11	9.62E-12	1.03E-07	3.26E-11	9.49E-12	1.00E-07	3.17E-11	9.22E-12
3918	487863.09, 3853377.25	1.03E-07	3.26E-11	9.47E-12	1.02E-07	3.21E-11	9.35E-12	9.89E-08	3.12E-11	9.08E-12
3919	488363.09, 3853377.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.42E-11	9.94E-12	1.05E-07	3.32E-11	9.65E-12
3920	488863.09, 3853377.25	1.01E-07	3.19E-11	9.27E-12	9.97E-08	3.15E-11	9.15E-12	9.68E-08	3.05E-11	8.89E-12
3921	489363.09, 3853377.25	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
3922	489863.09, 3853377.25	8.28E-08	2.61E-11	7.60E-12	8.17E-08	2.58E-11	7.50E-12	7.93E-08	2.50E-11	7.28E-12
3923	490363.09, 3853377.25	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
3924	490863.09, 3853377.25	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
3925	491363.09, 3853377.25	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
3926	491863.09, 3853377.25	8.47E-08	2.67E-11	7.78E-12	8.36E-08	2.64E-11	7.68E-12	8.12E-08	2.56E-11	7.45E-12
3927	492363.09, 3853377.25	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
3928	492863.09, 3853377.25	1.03E-07	3.24E-11	9.41E-12	1.01E-07	3.19E-11	9.29E-12	9.83E-08	3.10E-11	9.02E-12
3929	493363.09, 3853377.25	1.04E-07	3.27E-11	9.51E-12	1.02E-07	3.23E-11	9.39E-12	9.93E-08	3.13E-11	9.11E-12
3930	493863.09, 3853377.25	1.11E-07	3.51E-11	1.02E-11	1.10E-07	3.46E-11	1.01E-11	1.07E-07	3.36E-11	9.78E-12
3931	494363.09, 3853377.25	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.95E-12
3932	494863.09, 3853377.25	1.17E-07	3.69E-11	1.07E-11	1.15E-07	3.64E-11	1.06E-11	1.12E-07	3.54E-11	1.03E-11
3933	495363.09, 3853377.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
3934	495863.09, 3853377.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.70E-11	1.08E-11	1.14E-07	3.59E-11	1.04E-11
3935	496363.09, 3853377.25	1.18E-07	3.71E-11	1.08E-11	1.16E-07	3.66E-11	1.06E-11	1.13E-07	3.55E-11	1.03E-11
3936	496863.09, 3853377.25	1.15E-07	3.61E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
3937	497363.09, 3853377.25	1.12E-07	3.53E-11	1.03E-11	1.10E-07	3.48E-11	1.01E-11	1.07E-07	3.38E-11	9.84E-12
3938	497863.09, 3853377.25	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12

3939	498363.09, 3853377.25	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
3940	471363.09, 3853877.25	6.36E-08	2.01E-11	5.84E-12	6.28E-08	1.98E-11	5.77E-12	6.10E-08	1.92E-11	5.60E-12
3941	471863.09, 3853877.25	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
3942	472363.09, 3853877.25	7.07E-08	2.23E-11	6.49E-12	6.97E-08	2.20E-11	6.40E-12	6.77E-08	2.14E-11	6.22E-12
3943	472863.09, 3853877.25	7.46E-08	2.35E-11	6.85E-12	7.36E-08	2.32E-11	6.76E-12	7.15E-08	2.26E-11	6.56E-12
3944	473363.09, 3853877.25	7.77E-08	2.45E-11	7.13E-12	7.67E-08	2.42E-11	7.04E-12	7.45E-08	2.35E-11	6.84E-12
3945	473863.09, 3853877.25	8.12E-08	2.56E-11	7.45E-12	8.01E-08	2.53E-11	7.36E-12	7.78E-08	2.46E-11	7.14E-12
3946	474363.09, 3853877.25	8.56E-08	2.70E-11	7.86E-12	8.45E-08	2.67E-11	7.76E-12	8.21E-08	2.59E-11	7.53E-12
3947	474863.09, 3853877.25	8.89E-08	2.81E-11	8.16E-12	8.77E-08	2.77E-11	8.05E-12	8.52E-08	2.69E-11	7.82E-12
3948	475363.09, 3853877.25	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
3949	475863.09, 3853877.25	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
3950	476363.09, 3853877.25	6.95E-08	2.19E-11	6.38E-12	6.86E-08	2.16E-11	6.30E-12	6.66E-08	2.10E-11	6.11E-12
3951	476863.09, 3853877.25	5.63E-08	1.78E-11	5.17E-12	5.56E-08	1.76E-11	5.11E-12	5.40E-08	1.70E-11	4.96E-12
3952	477363.09, 3853877.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3953	477863.09, 3853877.25	6.43E-08	2.03E-11	5.90E-12	6.34E-08	2.00E-11	5.82E-12	6.16E-08	1.94E-11	5.66E-12
3954	478363.09, 3853877.25	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
3955	478863.09, 3853877.25	4.75E-08	1.50E-11	4.36E-12	4.69E-08	1.48E-11	4.30E-12	4.55E-08	1.44E-11	4.18E-12
3956	479363.09, 3853877.25	6.26E-08	1.98E-11	5.75E-12	6.18E-08	1.95E-11	5.67E-12	6.00E-08	1.89E-11	5.51E-12
3957	479863.09, 3853877.25	1.02E-07	3.21E-11	9.33E-12	1.00E-07	3.17E-11	9.21E-12	9.74E-08	3.07E-11	8.94E-12
3958	480363.09, 3853877.25	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.10E-11	1.19E-11	1.26E-07	3.98E-11	1.16E-11
3959	480863.09, 3853877.25	1.69E-07	5.34E-11	1.55E-11	1.67E-07	5.27E-11	1.53E-11	1.62E-07	5.12E-11	1.49E-11
3960	481363.09, 3853877.25	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
3961	481863.09, 3853877.25	2.13E-07	6.71E-11	1.95E-11	2.10E-07	6.62E-11	1.93E-11	2.04E-07	6.43E-11	1.87E-11
3962	482363.09, 3853877.25	2.22E-07	6.99E-11	2.03E-11	2.19E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
3963	482863.09, 3853877.25	2.22E-07	7.02E-11	2.04E-11	2.19E-07	6.93E-11	2.02E-11	2.13E-07	6.73E-11	1.96E-11
3964	483363.09, 3853877.25	2.23E-07	7.04E-11	2.05E-11	2.20E-07	6.95E-11	2.02E-11	2.14E-07	6.75E-11	1.96E-11
3965	483863.09, 3853877.25	2.50E-07	7.88E-11	2.29E-11	2.46E-07	7.77E-11	2.26E-11	2.39E-07	7.55E-11	2.20E-11
3966	484363.09, 3853877.25	2.42E-07	7.65E-11	2.23E-11	2.39E-07	7.55E-11	2.20E-11	2.32E-07	7.33E-11	2.13E-11
3967	484863.09, 3853877.25	1.92E-07	6.07E-11	1.77E-11	1.90E-07	5.99E-11	1.74E-11	1.84E-07	5.82E-11	1.69E-11
3968	485363.09, 3853877.25	1.35E-07	4.27E-11	1.24E-11	1.33E-07	4.21E-11	1.23E-11	1.30E-07	4.09E-11	1.19E-11
3969	485863.09, 3853877.25	1.46E-07	4.62E-11	1.34E-11	1.44E-07	4.56E-11	1.33E-11	1.40E-07	4.43E-11	1.29E-11
3970	486363.09, 3853877.25	1.41E-07	4.44E-11	1.29E-11	1.39E-07	4.39E-11	1.28E-11	1.35E-07	4.26E-11	1.24E-11
3971	486863.09, 3853877.25	1.27E-07	4.01E-11	1.17E-11	1.25E-07	3.96E-11	1.15E-11	1.22E-07	3.85E-11	1.12E-11
3972	487363.09, 3853877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.09E-11	1.19E-11	1.26E-07	3.97E-11	1.15E-11
3973	487863.09, 3853877.25	1.48E-07	4.68E-11	1.36E-11	1.46E-07	4.62E-11	1.34E-11	1.42E-07	4.49E-11	1.31E-11
3974	488363.09, 3853877.25	1.53E-07	4.84E-11	1.41E-11	1.51E-07	4.78E-11	1.39E-11	1.47E-07	4.64E-11	1.35E-11
3975	488863.09, 3853877.25	1.62E-07	5.12E-11	1.49E-11	1.60E-07	5.05E-11	1.47E-11	1.55E-07	4.90E-11	1.43E-11
3976	489363.09, 3853877.25	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
3977	489863.09, 3853877.25	1.38E-07	4.35E-11	1.27E-11	1.36E-07	4.29E-11	1.25E-11	1.32E-07	4.17E-11	1.21E-11
3978	490363.09, 3853877.25	1.28E-07	4.05E-11	1.18E-11	1.27E-07	4.00E-11	1.16E-11	1.23E-07	3.89E-11	1.13E-11
3979	490863.09, 3853877.25	1.26E-07	3.99E-11	1.16E-11	1.25E-07	3.94E-11	1.14E-11	1.21E-07	3.82E-11	1.11E-11
3980	491363.09, 3853877.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.95E-11	1.15E-11	1.21E-07	3.83E-11	1.12E-11
3981	491863.09, 3853877.25	1.25E-07	3.96E-11	1.15E-11	1.24E-07	3.90E-11	1.14E-11	1.20E-07	3.79E-11	1.10E-11
3982	492363.09, 3853877.25	1.33E-07	4.19E-11	1.22E-11	1.31E-07	4.14E-11	1.20E-11	1.27E-07	4.02E-11	1.17E-11
3983	492863.09, 3853877.25	1.48E-07	4.68E-11	1.36E-11	1.46E-07	4.62E-11	1.34E-11	1.42E-07	4.49E-11	1.31E-11
3984	493363.09, 3853877.25	1.54E-07	4.85E-11	1.41E-11	1.52E-07	4.78E-11	1.39E-11	1.47E-07	4.64E-11	1.35E-11
3985	493863.09, 3853877.25	1.48E-07	4.67E-11	1.36E-11	1.46E-07	4.61E-11	1.34E-11	1.42E-07	4.48E-11	1.30E-11
3986	494363.09, 3853877.25	1.66E-07	5.24E-11	1.52E-11	1.64E-07	5.17E-11	1.50E-11	1.59E-07	5.02E-11	1.46E-11
3987	494863.09, 3853877.25	1.66E-07	5.22E-11	1.52E-11	1.63E-07	5.16E-11	1.50E-11	1.59E-07	5.01E-11	1.46E-11
3988	495363.09, 3853877.25	1.45E-07	4.58E-11	1.33E-11	1.43E-07	4.52E-11	1.31E-11	1.39E-07	4.39E-11	1.28E-11
3989	495863.09, 3853877.25	1.38E-07	4.37E-11	1.27E-11	1.37E-07	4.31E-11	1.25E-11	1.33E-07	4.19E-11	1.22E-11
3990	496363.09, 3853877.25	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.41E-11	1.28E-11
3991	496863.09, 3853877.25	1.47E-07	4.62E-11	1.35E-11	1.45E-07	4.56E-11	1.33E-11	1.40E-07	4.43E-11	1.29E-11
3992	497363.09, 3853877.25	1.46E-07	4.62E-11	1.34E-11	1.44E-07	4.56E-11	1.33E-11	1.40E-07	4.42E-11	1.29E-11
3993	497863.09, 3853877.25	1.35E-07	4.25E-11	1.24E-11	1.33E-07	4.20E-11	1.22E-11	1.29E-07	4.07E-11	1.19E-11
3994	498363.09, 3853877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.08E-11	1.19E-11	1.26E-07	3.96E-11	1.15E-11
3995	471363.09, 3854377.25	6.83E-08	2.16E-11	6.27E-12	6.74E-08	2.13E-11	6.19E-12	6.55E-08	2.07E-11	6.01E-12
3996	471863.09, 3854377.25	7.26E-08	2.29E-11	6.67E-12	7.17E-08	2.26E-11	6.58E-12	6.96E-08	2.20E-11	6.39E-12
3997	472363.09, 3854377.25	7.53E-08	2.38E-11	6.92E-12	7.44E-08	2.35E-11	6.83E-12	7.22E-08	2.28E-11	6.63E-12
3998	472863.09, 3854377.25	7.73E-08	2.44E-11	7.10E-12	7.63E-08	2.41E-11	7.00E-12	7.41E-08	2.34E-11	6.80E-12
3999	473363.09, 3854377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4000	473863.09, 3854377.25	8.42E-08	2.66E-11	7.73E-12	8.31E-08	2.62E-11	7.63E-12	8.07E-08	2.55E-11	7.41E-12
4001	474363.09, 3854377.25	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
4002	474863.09, 3854377.25	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
4003	475363.09, 3854377.25	8.07E-08	2.55E-11	7.41E-12	7.96E-08	2.51E-11	7.31E-12	7.73E-08	2.44E-11	7.10E-12
4004	475863.09, 3854377.25	6.22E-08	1.96E-11	5.71E-12	6.14E-08	1.94E-11	5.64E-12	5.96E-08	1.88E-11	5.47E-12
4005	476363.09, 3854377.25	5.67E-08	1.79E-11	5.21E-12	5.60E-08	1.77E-11	5.14E-12	5.44E-08	1.72E-11	4.99E-12
4006	476863.09, 3854377.25	5.45E-08	1.72E-11	5.01E-12	5.38E-08	1.70E-11	4.94E-12	5.23E-08	1.65E-11	4.80E-12
4007	477363.09, 3854377.25	5.32E-08	1.68E-11	4.89E-12	5.25E-08	1.66E-11	4.82E-12	5.10E-08	1.61E-11	4.68E-12
4008	477863.09, 3854377.25	5.28E-08	1.67E-11	4.85E-12	5.21E-08	1.65E-11	4.79E-12	5.06E-08	1.60E-11	4.65E-12
4009	478363.09, 3854377.25	5.93E-08	1.87E-11	5.45E-12	5.86E-08	1.85E-11	5.38E-12	5.69E-08	1.80E-11	5.22E-12
4010	478863.09, 3854377.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
4011	479363.09, 3854377.25	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12

4012	479863.09, 3854377.25	1.04E-07	3.29E-11	9.58E-12	1.03E-07	3.25E-11	9.46E-12	1.00E-07	3.16E-11	9.18E-12
4013	480363.09, 3854377.25	1.28E-07	4.05E-11	1.18E-11	1.27E-07	4.00E-11	1.16E-11	1.23E-07	3.88E-11	1.13E-11
4014	480863.09, 3854377.25	1.64E-07	5.19E-11	1.51E-11	1.62E-07	5.12E-11	1.49E-11	1.58E-07	4.98E-11	1.45E-11
4015	481363.09, 3854377.25	1.99E-07	6.29E-11	1.83E-11	1.97E-07	6.21E-11	1.81E-11	1.91E-07	6.03E-11	1.75E-11
4016	481863.09, 3854377.25	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.24E-07	7.05E-11	2.05E-11
4017	482363.09, 3854377.25	2.46E-07	7.78E-11	2.26E-11	2.43E-07	7.68E-11	2.23E-11	2.36E-07	7.46E-11	2.17E-11
4018	482863.09, 3854377.25	2.53E-07	7.98E-11	2.32E-11	2.50E-07	7.88E-11	2.29E-11	2.42E-07	7.65E-11	2.22E-11
4019	483363.09, 3854377.25	2.54E-07	8.02E-11	2.33E-11	2.51E-07	7.91E-11	2.30E-11	2.43E-07	7.68E-11	2.24E-11
4020	483863.09, 3854377.25	2.39E-07	7.55E-11	2.19E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.23E-11	2.10E-11
4021	484363.09, 3854377.25	2.23E-07	7.05E-11	2.05E-11	2.21E-07	6.96E-11	2.02E-11	2.14E-07	6.76E-11	1.97E-11
4022	484863.09, 3854377.25	1.83E-07	5.78E-11	1.68E-11	1.81E-07	5.71E-11	1.66E-11	1.76E-07	5.54E-11	1.61E-11
4023	485363.09, 3854377.25	2.04E-07	6.45E-11	1.88E-11	2.02E-07	6.36E-11	1.85E-11	1.96E-07	6.18E-11	1.80E-11
4024	485863.09, 3854377.25	1.70E-07	5.36E-11	1.56E-11	1.68E-07	5.29E-11	1.54E-11	1.63E-07	5.14E-11	1.50E-11
4025	486363.09, 3854377.25	1.82E-07	5.75E-11	1.67E-11	1.80E-07	5.68E-11	1.65E-11	1.75E-07	5.51E-11	1.60E-11
4026	486863.09, 3854377.25	1.74E-07	5.50E-11	1.60E-11	1.72E-07	5.43E-11	1.58E-11	1.67E-07	5.27E-11	1.53E-11
4027	487363.09, 3854377.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.77E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
4028	487863.09, 3854377.25	2.09E-07	6.59E-11	1.92E-11	2.06E-07	6.51E-11	1.89E-11	2.00E-07	6.32E-11	1.84E-11
4029	488363.09, 3854377.25	2.20E-07	6.93E-11	2.02E-11	2.17E-07	6.84E-11	1.99E-11	2.10E-07	6.64E-11	1.93E-11
4030	488863.09, 3854377.25	2.21E-07	6.99E-11	2.03E-11	2.18E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
4031	489363.09, 3854377.25	2.33E-07	7.35E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.23E-07	7.05E-11	2.05E-11
4032	489863.09, 3854377.25	2.20E-07	6.95E-11	2.02E-11	2.17E-07	6.85E-11	1.99E-11	2.11E-07	6.66E-11	1.94E-11
4033	490363.09, 3854377.25	2.03E-07	6.39E-11	1.86E-11	2.00E-07	6.31E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
4034	490863.09, 3854377.25	1.46E-07	4.61E-11	1.34E-11	1.44E-07	4.55E-11	1.32E-11	1.40E-07	4.42E-11	1.28E-11
4035	491363.09, 3854377.25	1.73E-07	5.45E-11	1.59E-11	1.70E-07	5.38E-11	1.56E-11	1.66E-07	5.22E-11	1.52E-11
4036	491863.09, 3854377.25	1.90E-07	6.00E-11	1.75E-11	1.88E-07	5.93E-11	1.72E-11	1.82E-07	5.76E-11	1.67E-11
4037	492363.09, 3854377.25	2.06E-07	6.50E-11	1.89E-11	2.03E-07	6.41E-11	1.87E-11	1.97E-07	6.23E-11	1.81E-11
4038	492863.09, 3854377.25	2.11E-07	6.66E-11	1.94E-11	2.08E-07	6.57E-11	1.91E-11	2.02E-07	6.38E-11	1.86E-11
4039	493363.09, 3854377.25	2.03E-07	6.42E-11	1.87E-11	2.01E-07	6.33E-11	1.84E-11	1.95E-07	6.15E-11	1.79E-11
4040	493863.09, 3854377.25	2.24E-07	7.07E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.77E-11	1.97E-11
4041	494363.09, 3854377.25	2.32E-07	7.32E-11	2.13E-11	2.29E-07	7.22E-11	2.10E-11	2.22E-07	7.01E-11	2.04E-11
4042	494863.09, 3854377.25	1.83E-07	5.79E-11	1.68E-11	1.81E-07	5.71E-11	1.66E-11	1.76E-07	5.55E-11	1.61E-11
4043	495363.09, 3854377.25	1.60E-07	5.04E-11	1.47E-11	1.58E-07	4.97E-11	1.45E-11	1.53E-07	4.83E-11	1.40E-11
4044	495863.09, 3854377.25	1.61E-07	5.10E-11	1.48E-11	1.59E-07	5.03E-11	1.46E-11	1.55E-07	4.89E-11	1.42E-11
4045	496363.09, 3854377.25	1.77E-07	5.60E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
4046	496863.09, 3854377.25	1.81E-07	5.70E-11	1.66E-11	1.78E-07	5.63E-11	1.64E-11	1.73E-07	5.46E-11	1.59E-11
4047	497363.09, 3854377.25	1.68E-07	5.30E-11	1.54E-11	1.66E-07	5.23E-11	1.52E-11	1.61E-07	5.08E-11	1.48E-11
4048	497863.09, 3854377.25	1.87E-07	5.91E-11	1.72E-11	1.85E-07	5.84E-11	1.70E-11	1.80E-07	5.67E-11	1.65E-11
4049	498363.09, 3854377.25	1.81E-07	5.71E-11	1.66E-11	1.79E-07	5.63E-11	1.64E-11	1.73E-07	5.47E-11	1.59E-11
4050	471363.09, 3854877.25	7.07E-08	2.23E-11	6.49E-12	6.97E-08	2.20E-11	6.40E-12	6.77E-08	2.14E-11	6.22E-12
4051	471863.09, 3854877.25	7.51E-08	2.37E-11	6.89E-12	7.41E-08	2.34E-11	6.80E-12	7.20E-08	2.27E-11	6.61E-12
4052	472363.09, 3854877.25	7.87E-08	2.48E-11	7.23E-12	7.77E-08	2.45E-11	7.13E-12	7.55E-08	2.38E-11	6.93E-12
4053	472863.09, 3854877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
4054	473363.09, 3854877.25	8.52E-08	2.69E-11	7.83E-12	8.41E-08	2.66E-11	7.72E-12	8.17E-08	2.58E-11	7.50E-12
4055	473863.09, 3854877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
4056	474363.09, 3854877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
4057	474863.09, 3854877.25	8.50E-08	2.68E-11	7.80E-12	8.39E-08	2.65E-11	7.70E-12	8.14E-08	2.57E-11	7.48E-12
4058	475363.09, 3854877.25	7.20E-08	2.27E-11	6.61E-12	7.10E-08	2.24E-11	6.52E-12	6.90E-08	2.18E-11	6.33E-12
4059	475863.09, 3854877.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
4060	476363.09, 3854877.25	3.90E-08	1.23E-11	3.58E-12	3.85E-08	1.22E-11	3.54E-12	3.74E-08	1.18E-11	3.43E-12
4061	476863.09, 3854877.25	3.83E-08	1.21E-11	3.51E-12	3.78E-08	1.19E-11	3.47E-12	3.67E-08	1.16E-11	3.37E-12
4062	477363.09, 3854877.25	4.52E-08	1.43E-11	4.15E-12	4.46E-08	1.41E-11	4.09E-12	4.33E-08	1.37E-11	3.97E-12
4063	477863.09, 3854877.25	5.14E-08	1.62E-11	4.72E-12	5.07E-08	1.60E-11	4.66E-12	4.93E-08	1.55E-11	4.52E-12
4064	478363.09, 3854877.25	6.65E-08	2.10E-11	6.10E-12	6.56E-08	2.07E-11	6.03E-12	6.37E-08	2.01E-11	5.85E-12
4065	478863.09, 3854877.25	8.73E-08	2.76E-11	8.02E-12	8.62E-08	2.72E-11	7.91E-12	8.37E-08	2.64E-11	7.68E-12
4066	479363.09, 3854877.25	1.12E-07	3.54E-11	1.03E-11	1.11E-07	3.49E-11	1.02E-11	1.07E-07	3.39E-11	9.86E-12
4067	479863.09, 3854877.25	1.37E-07	4.31E-11	1.25E-11	1.35E-07	4.25E-11	1.24E-11	1.31E-07	4.13E-11	1.20E-11
4068	480363.09, 3854877.25	1.55E-07	4.90E-11	1.43E-11	1.53E-07	4.84E-11	1.41E-11	1.49E-07	4.70E-11	1.37E-11
4069	480863.09, 3854877.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
4070	481363.09, 3854877.25	2.04E-07	6.44E-11	1.87E-11	2.02E-07	6.36E-11	1.85E-11	1.96E-07	6.18E-11	1.80E-11
4071	481863.09, 3854877.25	2.12E-07	6.69E-11	1.94E-11	2.09E-07	6.60E-11	1.92E-11	2.03E-07	6.41E-11	1.86E-11
4072	482363.09, 3854877.25	2.71E-07	8.56E-11	2.49E-11	2.68E-07	8.45E-11	2.46E-11	2.60E-07	8.21E-11	2.39E-11
4073	482863.09, 3854877.25	2.86E-07	9.02E-11	2.62E-11	2.82E-07	8.91E-11	2.59E-11	2.74E-07	8.65E-11	2.52E-11
4074	483363.09, 3854877.25	3.00E-07	9.45E-11	2.75E-11	2.96E-07	9.33E-11	2.71E-11	2.87E-07	9.06E-11	2.64E-11
4075	483863.09, 3854877.25	2.97E-07	9.36E-11	2.72E-11	2.93E-07	9.24E-11	2.69E-11	2.84E-07	8.97E-11	2.61E-11
4076	484363.09, 3854877.25	2.75E-07	8.67E-11	2.52E-11	2.71E-07	8.56E-11	2.49E-11	2.63E-07	8.31E-11	2.42E-11
4077	484863.09, 3854877.25	2.87E-07	9.06E-11	2.63E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.52E-11
4078	485363.09, 3854877.25	2.95E-07	9.32E-11	2.71E-11	2.91E-07	9.19E-11	2.67E-11	2.83E-07	8.93E-11	2.60E-11
4079	485863.09, 3854877.25	2.64E-07	8.34E-11	2.43E-11	2.61E-07	8.23E-11	2.39E-11	2.53E-07	7.99E-11	2.32E-11
4080	486363.09, 3854877.25	2.49E-07	7.87E-11	2.29E-11	2.46E-07	7.77E-11	2.26E-11	2.39E-07	7.55E-11	2.19E-11
4081	486863.09, 3854877.25	2.45E-07	7.73E-11	2.25E-11	2.42E-07	7.63E-11	2.22E-11	2.35E-07	7.41E-11	2.15E-11
4082	487363.09, 3854877.25	2.61E-07	8.24E-11	2.40E-11	2.58E-07	8.14E-11	2.37E-11	2.50E-07	7.90E-11	2.30E-11
4083	487863.09, 3854877.25	2.87E-07	9.06E-11	2.64E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.53E-11
4084	488363.09, 3854877.25	3.11E-07	9.81E-11	2.85E-11	3.07E-07	9.68E-11	2.82E-11	2.98E-07	9.40E-11	2.73E-11

4085	488863.09, 3854877.25	3.31E-07	1.05E-10	3.04E-11	3.27E-07	1.03E-10	3.00E-11	3.17E-07	1.00E-10	2.91E-11
4086	489363.09, 3854877.25	3.44E-07	1.09E-10	3.16E-11	3.40E-07	1.07E-10	3.12E-11	3.30E-07	1.04E-10	3.03E-11
4087	489863.09, 3854877.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.95E-11	2.89E-11	3.06E-07	9.66E-11	2.81E-11
4088	490363.09, 3854877.25	2.06E-07	6.50E-11	1.89E-11	2.03E-07	6.42E-11	1.87E-11	1.97E-07	6.23E-11	1.81E-11
4089	490863.09, 3854877.25	1.22E-07	3.86E-11	1.12E-11	1.21E-07	3.81E-11	1.11E-11	1.17E-07	3.70E-11	1.08E-11
4090	491363.09, 3854877.25	1.38E-07	4.36E-11	1.27E-11	1.36E-07	4.30E-11	1.25E-11	1.32E-07	4.18E-11	1.21E-11
4091	491863.09, 3854877.25	2.87E-07	9.06E-11	2.64E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.53E-11
4092	492363.09, 3854877.25	3.16E-07	9.98E-11	2.90E-11	3.12E-07	9.85E-11	2.87E-11	3.03E-07	9.57E-11	2.78E-11
4093	492863.09, 3854877.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.05E-07	9.61E-11	2.80E-11
4094	493363.09, 3854877.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.94E-11	2.89E-11	3.06E-07	9.65E-11	2.81E-11
4095	493863.09, 3854877.25	3.35E-07	1.06E-10	3.07E-11	3.30E-07	1.04E-10	3.03E-11	3.21E-07	1.01E-10	2.95E-11
4096	494363.09, 3854877.25	2.37E-07	7.50E-11	2.18E-11	2.34E-07	7.40E-11	2.15E-11	2.28E-07	7.18E-11	2.09E-11
4097	494863.09, 3854877.25	1.99E-07	6.28E-11	1.83E-11	1.96E-07	6.19E-11	1.80E-11	1.91E-07	6.01E-11	1.75E-11
4098	495363.09, 3854877.25	2.00E-07	6.33E-11	1.84E-11	1.98E-07	6.24E-11	1.82E-11	1.92E-07	6.06E-11	1.76E-11
4099	495863.09, 3854877.25	2.11E-07	6.65E-11	1.93E-11	2.08E-07	6.56E-11	1.91E-11	2.02E-07	6.37E-11	1.85E-11
4100	496363.09, 3854877.25	2.04E-07	6.44E-11	1.87E-11	2.01E-07	6.36E-11	1.85E-11	1.96E-07	6.17E-11	1.80E-11
4101	496863.09, 3854877.25	2.03E-07	6.40E-11	1.86E-11	2.00E-07	6.32E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
4102	497363.09, 3854877.25	2.11E-07	6.65E-11	1.94E-11	2.08E-07	6.57E-11	1.91E-11	2.02E-07	6.38E-11	1.85E-11
4103	497863.09, 3854877.25	2.38E-07	7.52E-11	2.19E-11	2.35E-07	7.43E-11	2.16E-11	2.28E-07	7.21E-11	2.10E-11
4104	498363.09, 3854877.25	2.45E-07	7.72E-11	2.25E-11	2.41E-07	7.62E-11	2.22E-11	2.34E-07	7.40E-11	2.15E-11
4105	471363.09, 3855377.25	7.01E-08	2.21E-11	6.44E-12	6.92E-08	2.18E-11	6.36E-12	6.72E-08	2.12E-11	6.17E-12
4106	471863.09, 3855377.25	7.31E-08	2.31E-11	6.71E-12	7.22E-08	2.28E-11	6.63E-12	7.01E-08	2.21E-11	6.43E-12
4107	472363.09, 3855377.25	7.81E-08	2.46E-11	7.17E-12	7.71E-08	2.43E-11	7.07E-12	7.48E-08	2.36E-11	6.87E-12
4108	472863.09, 3855377.25	8.13E-08	2.57E-11	7.47E-12	8.03E-08	2.53E-11	7.37E-12	7.80E-08	2.46E-11	7.16E-12
4109	473363.09, 3855377.25	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
4110	473863.09, 3855377.25	9.42E-08	2.97E-11	8.65E-12	9.30E-08	2.93E-11	8.54E-12	9.03E-08	2.85E-11	8.29E-12
4111	474363.09, 3855377.25	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
4112	474863.09, 3855377.25	9.03E-08	2.85E-11	8.29E-12	8.91E-08	2.81E-11	8.18E-12	8.66E-08	2.73E-11	7.95E-12
4113	475363.09, 3855377.25	5.30E-08	1.67E-11	4.86E-12	5.23E-08	1.65E-11	4.80E-12	5.08E-08	1.60E-11	4.66E-12
4114	475863.09, 3855377.25	4.09E-08	1.29E-11	3.75E-12	4.03E-08	1.27E-11	3.70E-12	3.92E-08	1.24E-11	3.60E-12
4115	476363.09, 3855377.25	4.70E-08	1.48E-11	4.31E-12	4.64E-08	1.46E-11	4.26E-12	4.50E-08	1.42E-11	4.13E-12
4116	476863.09, 3855377.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12
4117	477363.09, 3855377.25	4.96E-08	1.56E-11	4.55E-12	4.89E-08	1.54E-11	4.49E-12	4.75E-08	1.50E-11	4.36E-12
4118	477863.09, 3855377.25	6.16E-08	1.94E-11	5.65E-12	6.08E-08	1.92E-11	5.58E-12	5.90E-08	1.86E-11	5.42E-12
4119	478363.09, 3855377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12
4120	478863.09, 3855377.25	9.21E-08	2.91E-11	8.46E-12	9.09E-08	2.87E-11	8.35E-12	8.83E-08	2.79E-11	8.11E-12
4121	479363.09, 3855377.25	1.15E-07	3.63E-11	1.06E-11	1.14E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
4122	479863.09, 3855377.25	1.36E-07	4.30E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.30E-07	4.12E-11	1.20E-11
4123	480363.09, 3855377.25	1.71E-07	5.38E-11	1.57E-11	1.68E-07	5.31E-11	1.55E-11	1.64E-07	5.16E-11	1.50E-11
4124	480863.09, 3855377.25	2.05E-07	6.48E-11	1.88E-11	2.03E-07	6.39E-11	1.86E-11	1.97E-07	6.21E-11	1.81E-11
4125	481363.09, 3855377.25	2.35E-07	7.42E-11	2.16E-11	2.32E-07	7.32E-11	2.13E-11	2.25E-07	7.11E-11	2.07E-11
4126	481863.09, 3855377.25	2.61E-07	8.22E-11	2.39E-11	2.57E-07	8.12E-11	2.36E-11	2.50E-07	7.88E-11	2.29E-11
4127	482363.09, 3855377.25	2.90E-07	9.14E-11	2.66E-11	2.86E-07	9.02E-11	2.62E-11	2.78E-07	8.76E-11	2.55E-11
4128	482863.09, 3855377.25	3.15E-07	9.94E-11	2.89E-11	3.11E-07	9.81E-11	2.85E-11	3.02E-07	9.53E-11	2.77E-11
4129	483363.09, 3855377.25	3.41E-07	1.08E-10	3.13E-11	3.37E-07	1.06E-10	3.09E-11	3.27E-07	1.03E-10	3.00E-11
4130	483863.09, 3855377.25	3.63E-07	1.15E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11
4131	484363.09, 3855377.25	3.64E-07	1.15E-10	3.34E-11	3.59E-07	1.13E-10	3.30E-11	3.49E-07	1.10E-10	3.20E-11
4132	484863.09, 3855377.25	3.72E-07	1.17E-10	3.41E-11	3.67E-07	1.16E-10	3.37E-11	3.56E-07	1.12E-10	3.27E-11
4133	485363.09, 3855377.25	3.95E-07	1.25E-10	3.63E-11	3.90E-07	1.23E-10	3.58E-11	3.79E-07	1.20E-10	3.48E-11
4134	485863.09, 3855377.25	4.15E-07	1.31E-10	3.81E-11	4.09E-07	1.29E-10	3.76E-11	3.97E-07	1.25E-10	3.65E-11
4135	486363.09, 3855377.25	3.65E-07	1.15E-10	3.35E-11	3.60E-07	1.14E-10	3.30E-11	3.49E-07	1.10E-10	3.21E-11
4136	486863.09, 3855377.25	3.46E-07	1.09E-10	3.18E-11	3.42E-07	1.08E-10	3.14E-11	3.32E-07	1.05E-10	3.05E-11
4137	487363.09, 3855377.25	3.79E-07	1.20E-10	3.48E-11	3.74E-07	1.18E-10	3.43E-11	3.63E-07	1.15E-10	3.33E-11
4138	487863.09, 3855377.25	4.09E-07	1.29E-10	3.75E-11	4.03E-07	1.27E-10	3.70E-11	3.92E-07	1.24E-10	3.60E-11
4139	488363.09, 3855377.25	4.42E-07	1.40E-10	4.06E-11	4.37E-07	1.38E-10	4.01E-11	4.24E-07	1.34E-10	3.89E-11
4140	488863.09, 3855377.25	4.76E-07	1.50E-10	4.37E-11	4.70E-07	1.48E-10	4.31E-11	4.56E-07	1.44E-10	4.19E-11
4141	489363.09, 3855377.25	5.01E-07	1.58E-10	4.60E-11	4.94E-07	1.56E-10	4.54E-11	4.80E-07	1.52E-10	4.41E-11
4142	489863.09, 3855377.25	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
4143	490363.09, 3855377.25	5.39E-07	1.70E-10	4.95E-11	5.32E-07	1.68E-10	4.88E-11	5.17E-07	1.63E-10	4.74E-11
4144	490863.09, 3855377.25	2.50E-07	7.88E-11	2.29E-11	2.46E-07	7.77E-11	2.26E-11	2.39E-07	7.55E-11	2.20E-11
4145	491363.09, 3855377.25	1.98E-07	6.26E-11	1.82E-11	1.96E-07	6.17E-11	1.80E-11	1.90E-07	6.00E-11	1.74E-11
4146	491863.09, 3855377.25	4.58E-07	1.45E-10	4.21E-11	4.52E-07	1.43E-10	4.15E-11	4.39E-07	1.39E-10	4.03E-11
4147	492363.09, 3855377.25	4.86E-07	1.53E-10	4.46E-11	4.80E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.28E-11
4148	492863.09, 3855377.25	4.75E-07	1.50E-10	4.36E-11	4.68E-07	1.48E-10	4.30E-11	4.55E-07	1.44E-10	4.18E-11
4149	493363.09, 3855377.25	4.62E-07	1.46E-10	4.25E-11	4.56E-07	1.44E-10	4.19E-11	4.43E-07	1.40E-10	4.07E-11
4150	493863.09, 3855377.25	3.36E-07	1.06E-10	3.08E-11	3.31E-07	1.05E-10	3.04E-11	3.22E-07	1.02E-10	2.95E-11
4151	494363.09, 3855377.25	3.01E-07	9.51E-11	2.77E-11	2.97E-07	9.38E-11	2.73E-11	2.89E-07	9.11E-11	2.65E-11
4152	494863.09, 3855377.25	2.83E-07	8.92E-11	2.59E-11	2.79E-07	8.80E-11	2.56E-11	2.71E-07	8.55E-11	2.49E-11
4153	495363.09, 3855377.25	2.75E-07	8.67E-11	2.52E-11	2.71E-07	8.56E-11	2.49E-11	2.63E-07	8.31E-11	2.42E-11
4154	495863.09, 3855377.25	2.68E-07	8.44E-11	2.46E-11	2.64E-07	8.33E-11	2.42E-11	2.56E-07	8.09E-11	2.35E-11
4155	496363.09, 3855377.25	2.78E-07	8.79E-11	2.56E-11	2.75E-07	8.67E-11	2.52E-11	2.67E-07	8.42E-11	2.45E-11
4156	496863.09, 3855377.25	2.86E-07	9.02E-11	2.62E-11	2.82E-07	8.90E-11	2.59E-11	2.74E-07	8.64E-11	2.51E-11
4157	497363.09, 3855377.25	2.99E-07	9.42E-11	2.74E-11	2.95E-07	9.30E-11	2.70E-11	2.86E-07	9.03E-11	2.63E-11

4158	497863.09, 3855377.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
4159	498363.09, 3855377.25	3.39E-07	1.07E-10	3.11E-11	3.35E-07	1.06E-10	3.07E-11	3.25E-07	1.03E-10	2.98E-11
4160	471363.09, 3855877.25	7.18E-08	2.27E-11	6.59E-12	7.09E-08	2.24E-11	6.51E-12	6.88E-08	2.17E-11	6.32E-12
4161	471863.09, 3855877.25	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
4162	472363.09, 3855877.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4163	472863.09, 3855877.25	8.21E-08	2.59E-11	7.54E-12	8.10E-08	2.56E-11	7.44E-12	7.87E-08	2.48E-11	7.22E-12
4164	473363.09, 3855877.25	8.94E-08	2.82E-11	8.21E-12	8.82E-08	2.78E-11	8.10E-12	8.57E-08	2.70E-11	7.87E-12
4165	473863.09, 3855877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
4166	474363.09, 3855877.25	9.96E-08	3.14E-11	9.14E-12	9.83E-08	3.10E-11	9.02E-12	9.54E-08	3.01E-11	8.76E-12
4167	474863.09, 3855877.25	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
4168	475363.09, 3855877.25	6.47E-08	2.04E-11	5.94E-12	6.38E-08	2.01E-11	5.86E-12	6.20E-08	1.96E-11	5.69E-12
4169	475863.09, 3855877.25	3.33E-08	1.05E-11	3.06E-12	3.29E-08	1.04E-11	3.02E-12	3.19E-08	1.01E-11	2.93E-12
4170	476363.09, 3855877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
4171	476863.09, 3855877.25	4.95E-08	1.56E-11	4.54E-12	4.88E-08	1.54E-11	4.48E-12	4.74E-08	1.50E-11	4.35E-12
4172	477363.09, 3855877.25	5.83E-08	1.84E-11	5.35E-12	5.75E-08	1.82E-11	5.28E-12	5.59E-08	1.76E-11	5.13E-12
4173	477863.09, 3855877.25	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
4174	478363.09, 3855877.25	8.41E-08	2.65E-11	7.72E-12	8.30E-08	2.62E-11	7.62E-12	8.06E-08	2.54E-11	7.40E-12
4175	478863.09, 3855877.25	1.02E-07	3.23E-11	9.39E-12	1.01E-07	3.19E-11	9.27E-12	9.80E-08	3.09E-11	9.00E-12
4176	479363.09, 3855877.25	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.98E-11	1.16E-11	1.22E-07	3.87E-11	1.12E-11
4177	479863.09, 3855877.25	1.53E-07	4.82E-11	1.40E-11	1.51E-07	4.76E-11	1.38E-11	1.46E-07	4.62E-11	1.34E-11
4178	480363.09, 3855877.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
4179	480863.09, 3855877.25	2.23E-07	7.04E-11	2.05E-11	2.20E-07	6.94E-11	2.02E-11	2.14E-07	6.74E-11	1.96E-11
4180	481363.09, 3855877.25	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.23E-07	7.05E-11	2.05E-11
4181	481863.09, 3855877.25	2.86E-07	9.02E-11	2.62E-11	2.82E-07	8.91E-11	2.59E-11	2.74E-07	8.65E-11	2.52E-11
4182	482363.09, 3855877.25	3.14E-07	9.91E-11	2.88E-11	3.10E-07	9.78E-11	2.85E-11	3.01E-07	9.50E-11	2.76E-11
4183	482863.09, 3855877.25	3.38E-07	1.07E-10	3.10E-11	3.33E-07	1.05E-10	3.06E-11	3.24E-07	1.02E-10	2.97E-11
4184	483363.09, 3855877.25	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.33E-11	3.53E-07	1.11E-10	3.24E-11
4185	483863.09, 3855877.25	4.05E-07	1.28E-10	3.72E-11	4.00E-07	1.26E-10	3.67E-11	3.88E-07	1.23E-10	3.56E-11
4186	484363.09, 3855877.25	4.43E-07	1.40E-10	4.07E-11	4.37E-07	1.38E-10	4.01E-11	4.25E-07	1.34E-10	3.90E-11
4187	484863.09, 3855877.25	4.64E-07	1.47E-10	4.26E-11	4.58E-07	1.45E-10	4.21E-11	4.45E-07	1.40E-10	4.08E-11
4188	485363.09, 3855877.25	4.82E-07	1.52E-10	4.43E-11	4.76E-07	1.50E-10	4.37E-11	4.62E-07	1.46E-10	4.24E-11
4189	485863.09, 3855877.25	5.19E-07	1.64E-10	4.76E-11	5.12E-07	1.62E-10	4.70E-11	4.97E-07	1.57E-10	4.56E-11
4190	486363.09, 3855877.25	5.27E-07	1.66E-10	4.84E-11	5.20E-07	1.64E-10	4.78E-11	5.05E-07	1.59E-10	4.64E-11
4191	486863.09, 3855877.25	4.94E-07	1.56E-10	4.53E-11	4.87E-07	1.54E-10	4.47E-11	4.73E-07	1.49E-10	4.34E-11
4192	487363.09, 3855877.25	5.43E-07	1.71E-10	4.99E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.78E-11
4193	487863.09, 3855877.25	5.92E-07	1.87E-10	5.44E-11	5.84E-07	1.84E-10	5.36E-11	5.67E-07	1.79E-10	5.21E-11
4194	488363.09, 3855877.25	6.44E-07	2.03E-10	5.91E-11	6.36E-07	2.01E-10	5.84E-11	6.17E-07	1.95E-10	5.67E-11
4195	488863.09, 3855877.25	6.94E-07	2.19E-10	6.37E-11	6.85E-07	2.16E-10	6.29E-11	6.65E-07	2.10E-10	6.11E-11
4196	489363.09, 3855877.25	7.35E-07	2.32E-10	6.75E-11	7.26E-07	2.29E-10	6.66E-11	7.05E-07	2.22E-10	6.47E-11
4197	489863.09, 3855877.25	7.84E-07	2.47E-10	7.20E-11	7.74E-07	2.44E-10	7.10E-11	7.51E-07	2.37E-10	6.90E-11
4198	490363.09, 3855877.25	8.70E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.89E-11	8.34E-07	2.63E-10	7.66E-11
4199	490863.09, 3855877.25	8.79E-07	2.77E-10	8.07E-11	8.67E-07	2.74E-10	7.96E-11	8.42E-07	2.66E-10	7.73E-11
4200	491363.09, 3855877.25	7.18E-07	2.27E-10	6.59E-11	7.09E-07	2.24E-10	6.51E-11	6.88E-07	2.17E-10	6.32E-11
4201	491863.09, 3855877.25	8.83E-07	2.79E-10	8.11E-11	8.72E-07	2.75E-10	8.00E-11	8.46E-07	2.67E-10	7.77E-11
4202	492363.09, 3855877.25	8.09E-07	2.55E-10	7.43E-11	7.99E-07	2.52E-10	7.33E-11	7.76E-07	2.45E-10	7.12E-11
4203	492863.09, 3855877.25	8.65E-07	2.73E-10	7.94E-11	8.53E-07	2.69E-10	7.84E-11	8.29E-07	2.62E-10	7.61E-11
4204	493363.09, 3855877.25	6.17E-07	1.95E-10	5.66E-11	6.09E-07	1.92E-10	5.59E-11	5.91E-07	1.87E-10	5.42E-11
4205	493863.09, 3855877.25	5.34E-07	1.69E-10	4.91E-11	5.27E-07	1.66E-10	4.84E-11	5.12E-07	1.62E-10	4.70E-11
4206	494363.09, 3855877.25	4.81E-07	1.52E-10	4.42E-11	4.75E-07	1.50E-10	4.36E-11	4.61E-07	1.46E-10	4.23E-11
4207	494863.09, 3855877.25	4.43E-07	1.40E-10	4.07E-11	4.37E-07	1.38E-10	4.01E-11	4.25E-07	1.34E-10	3.90E-11
4208	495363.09, 3855877.25	3.77E-07	1.19E-10	3.46E-11	3.72E-07	1.17E-10	3.42E-11	3.61E-07	1.14E-10	3.32E-11
4209	495863.09, 3855877.25	3.82E-07	1.21E-10	3.51E-11	3.77E-07	1.19E-10	3.46E-11	3.66E-07	1.16E-10	3.36E-11
4210	496363.09, 3855877.25	3.85E-07	1.22E-10	3.54E-11	3.80E-07	1.20E-10	3.49E-11	3.69E-07	1.16E-10	3.39E-11
4211	496863.09, 3855877.25	3.98E-07	1.26E-10	3.65E-11	3.93E-07	1.24E-10	3.61E-11	3.82E-07	1.20E-10	3.50E-11
4212	497363.09, 3855877.25	4.11E-07	1.30E-10	3.77E-11	4.05E-07	1.28E-10	3.72E-11	3.94E-07	1.24E-10	3.61E-11
4213	497863.09, 3855877.25	4.29E-07	1.35E-10	3.94E-11	4.23E-07	1.34E-10	3.88E-11	4.11E-07	1.30E-10	3.77E-11
4214	498363.09, 3855877.25	4.74E-07	1.50E-10	4.35E-11	4.68E-07	1.48E-10	4.30E-11	4.54E-07	1.43E-10	4.17E-11
4215	471363.09, 3856377.25	7.21E-08	2.28E-11	6.62E-12	7.12E-08	2.25E-11	6.53E-12	6.91E-08	2.18E-11	6.34E-12
4216	471863.09, 3856377.25	7.48E-08	2.36E-11	6.87E-12	7.39E-08	2.33E-11	6.78E-12	7.17E-08	2.26E-11	6.58E-12
4217	472363.09, 3856377.25	7.93E-08	2.50E-11	7.28E-12	7.82E-08	2.47E-11	7.18E-12	7.60E-08	2.40E-11	6.97E-12
4218	472863.09, 3856377.25	8.48E-08	2.68E-11	7.79E-12	8.37E-08	2.64E-11	7.69E-12	8.13E-08	2.57E-11	7.47E-12
4219	473363.09, 3856377.25	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
4220	473863.09, 3856377.25	9.84E-08	3.11E-11	9.03E-12	9.71E-08	3.06E-11	8.91E-12	9.43E-08	2.98E-11	8.66E-12
4221	474363.09, 3856377.25	9.85E-08	3.11E-11	9.04E-12	9.72E-08	3.07E-11	8.93E-12	9.44E-08	2.98E-11	8.67E-12
4222	474863.09, 3856377.25	9.60E-08	3.03E-11	8.82E-12	9.48E-08	2.99E-11	8.70E-12	9.20E-08	2.91E-11	8.45E-12
4223	475363.09, 3856377.25	8.45E-08	2.67E-11	7.75E-12	8.34E-08	2.63E-11	7.65E-12	8.09E-08	2.55E-11	7.43E-12
4224	475863.09, 3856377.25	6.55E-08	2.07E-11	6.01E-12	6.46E-08	2.04E-11	5.93E-12	6.27E-08	1.98E-11	5.76E-12
4225	476363.09, 3856377.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
4226	476863.09, 3856377.25	6.45E-08	2.04E-11	5.93E-12	6.37E-08	2.01E-11	5.85E-12	6.19E-08	1.95E-11	5.68E-12
4227	477363.09, 3856377.25	6.86E-08	2.16E-11	6.30E-12	6.77E-08	2.14E-11	6.21E-12	6.57E-08	2.07E-11	6.03E-12
4228	477863.09, 3856377.25	5.78E-08	1.82E-11	5.30E-12	5.70E-08	1.80E-11	5.24E-12	5.54E-08	1.75E-11	5.08E-12
4229	478363.09, 3856377.25	5.26E-08	1.66E-11	4.83E-12	5.19E-08	1.64E-11	4.76E-12	5.04E-08	1.59E-11	4.63E-12
4230	478863.09, 3856377.25	9.15E-08	2.89E-11	8.40E-12	9.03E-08	2.85E-11	8.29E-12	8.77E-08	2.77E-11	8.05E-12

4231	479363.09, 3856377.25	1.12E-07	3.54E-11	1.03E-11	1.11E-07	3.49E-11	1.02E-11	1.08E-07	3.39E-11	9.87E-12
4232	479863.09, 3856377.25	1.60E-07	5.06E-11	1.47E-11	1.58E-07	5.00E-11	1.45E-11	1.54E-07	4.85E-11	1.41E-11
4233	480363.09, 3856377.25	2.07E-07	6.54E-11	1.90E-11	2.04E-07	6.45E-11	1.88E-11	1.99E-07	6.27E-11	1.82E-11
4234	480863.09, 3856377.25	2.44E-07	7.69E-11	2.24E-11	2.41E-07	7.59E-11	2.21E-11	2.34E-07	7.37E-11	2.14E-11
4235	481363.09, 3856377.25	2.80E-07	8.85E-11	2.57E-11	2.77E-07	8.73E-11	2.54E-11	2.69E-07	8.48E-11	2.47E-11
4236	481863.09, 3856377.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.94E-11	2.89E-11	3.06E-07	9.65E-11	2.81E-11
4237	482363.09, 3856377.25	3.52E-07	1.11E-10	3.23E-11	3.47E-07	1.10E-10	3.19E-11	3.37E-07	1.06E-10	3.10E-11
4238	482863.09, 3856377.25	3.79E-07	1.20E-10	3.48E-11	3.74E-07	1.18E-10	3.43E-11	3.63E-07	1.15E-10	3.33E-11
4239	483363.09, 3856377.25	4.07E-07	1.29E-10	3.74E-11	4.02E-07	1.27E-10	3.69E-11	3.91E-07	1.23E-10	3.58E-11
4240	483863.09, 3856377.25	4.42E-07	1.40E-10	4.06E-11	4.37E-07	1.38E-10	4.01E-11	4.24E-07	1.34E-10	3.89E-11
4241	484363.09, 3856377.25	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
4242	484863.09, 3856377.25	5.52E-07	1.74E-10	5.07E-11	5.45E-07	1.72E-10	5.01E-11	5.29E-07	1.67E-10	4.86E-11
4243	485363.09, 3856377.25	6.10E-07	1.93E-10	5.60E-11	6.02E-07	1.90E-10	5.53E-11	5.85E-07	1.85E-10	5.37E-11
4244	485863.09, 3856377.25	6.39E-07	2.02E-10	5.86E-11	6.30E-07	1.99E-10	5.79E-11	6.12E-07	1.93E-10	5.62E-11
4245	486363.09, 3856377.25	6.32E-07	1.99E-10	5.80E-11	6.23E-07	1.97E-10	5.72E-11	6.05E-07	1.91E-10	5.56E-11
4246	486863.09, 3856377.25	7.27E-07	2.30E-10	6.68E-11	7.18E-07	2.27E-10	6.59E-11	6.97E-07	2.20E-10	6.40E-11
4247	487363.09, 3856377.25	7.65E-07	2.41E-10	7.02E-11	7.55E-07	2.38E-10	6.93E-11	7.33E-07	2.31E-10	6.73E-11
4248	487863.09, 3856377.25	8.56E-07	2.70E-10	7.86E-11	8.45E-07	2.67E-10	7.76E-11	8.20E-07	2.59E-10	7.53E-11
4249	488363.09, 3856377.25	9.37E-07	2.96E-10	8.60E-11	9.24E-07	2.92E-10	8.49E-11	8.98E-07	2.83E-10	8.24E-11
4250	488863.09, 3856377.25	1.04E-06	3.27E-10	9.51E-11	1.02E-06	3.23E-10	9.39E-11	9.93E-07	3.13E-10	9.12E-11
4251	489363.09, 3856377.25	1.11E-06	3.50E-10	1.02E-10	1.10E-06	3.46E-10	1.01E-10	1.06E-06	3.36E-10	9.76E-11
4252	489863.09, 3856377.25	1.26E-06	3.97E-10	1.15E-10	1.24E-06	3.91E-10	1.14E-10	1.20E-06	3.80E-10	1.11E-10
4253	490363.09, 3856377.25	1.41E-06	4.45E-10	1.29E-10	1.39E-06	4.39E-10	1.28E-10	1.35E-06	4.27E-10	1.24E-10
4254	490863.09, 3856377.25	1.64E-06	5.19E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.58E-06	4.97E-10	1.45E-10
4255	491363.09, 3856377.25	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
4256	491863.09, 3856377.25	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
4257	492363.09, 3856377.25	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
4258	492863.09, 3856377.25	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
4259	493363.09, 3856377.25	1.22E-06	3.84E-10	1.12E-10	1.20E-06	3.79E-10	1.10E-10	1.17E-06	3.68E-10	1.07E-10
4260	493863.09, 3856377.25	1.07E-06	3.37E-10	9.80E-11	1.05E-06	3.32E-10	9.67E-11	1.02E-06	3.23E-10	9.39E-11
4261	494363.09, 3856377.25	8.57E-07	2.71E-10	7.87E-11	8.46E-07	2.67E-10	7.77E-11	8.22E-07	2.59E-10	7.54E-11
4262	494863.09, 3856377.25	6.92E-07	2.18E-10	6.35E-11	6.83E-07	2.15E-10	6.27E-11	6.63E-07	2.09E-10	6.09E-11
4263	495363.09, 3856377.25	5.74E-07	1.81E-10	5.26E-11	5.66E-07	1.79E-10	5.20E-11	5.50E-07	1.73E-10	5.05E-11
4264	495863.09, 3856377.25	5.38E-07	1.70E-10	4.94E-11	5.31E-07	1.68E-10	4.87E-11	5.15E-07	1.63E-10	4.73E-11
4265	496363.09, 3856377.25	5.24E-07	1.66E-10	4.81E-11	5.18E-07	1.63E-10	4.75E-11	5.03E-07	1.59E-10	4.61E-11
4266	496863.09, 3856377.25	5.40E-07	1.70E-10	4.95E-11	5.32E-07	1.68E-10	4.89E-11	5.17E-07	1.63E-10	4.75E-11
4267	497363.09, 3856377.25	5.53E-07	1.75E-10	5.08E-11	5.46E-07	1.72E-10	5.01E-11	5.30E-07	1.67E-10	4.87E-11
4268	497863.09, 3856377.25	5.83E-07	1.84E-10	5.35E-11	5.75E-07	1.82E-10	5.28E-11	5.59E-07	1.76E-10	5.13E-11
4269	498363.09, 3856377.25	6.28E-07	1.98E-10	5.77E-11	6.20E-07	1.96E-10	5.69E-11	6.02E-07	1.90E-10	5.53E-11
4270	471363.09, 3856877.25	7.44E-08	2.35E-11	6.83E-12	7.35E-08	2.32E-11	6.74E-12	7.13E-08	2.25E-11	6.55E-12
4271	471863.09, 3856877.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
4272	472363.09, 3856877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
4273	472863.09, 3856877.25	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
4274	473363.09, 3856877.25	9.17E-08	2.90E-11	8.42E-12	9.05E-08	2.86E-11	8.31E-12	8.79E-08	2.78E-11	8.07E-12
4275	473863.09, 3856877.25	9.66E-08	3.05E-11	8.86E-12	9.53E-08	3.01E-11	8.75E-12	9.25E-08	2.92E-11	8.50E-12
4276	474363.09, 3856877.25	9.59E-08	3.03E-11	8.80E-12	9.47E-08	2.99E-11	8.69E-12	9.19E-08	2.90E-11	8.44E-12
4277	474863.09, 3856877.25	9.33E-08	2.94E-11	8.57E-12	9.21E-08	2.91E-11	8.45E-12	8.94E-08	2.82E-11	8.21E-12
4278	475363.09, 3856877.25	8.52E-08	2.69E-11	7.83E-12	8.41E-08	2.66E-11	7.72E-12	8.17E-08	2.58E-11	7.50E-12
4279	475863.09, 3856877.25	8.67E-08	2.74E-11	7.96E-12	8.55E-08	2.70E-11	7.85E-12	8.31E-08	2.62E-11	7.63E-12
4280	476363.09, 3856877.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
4281	476863.09, 3856877.25	7.87E-08	2.48E-11	7.23E-12	7.77E-08	2.45E-11	7.13E-12	7.55E-08	2.38E-11	6.93E-12
4282	477363.09, 3856877.25	7.27E-08	2.30E-11	6.68E-12	7.18E-08	2.27E-11	6.59E-12	6.97E-08	2.20E-11	6.40E-12
4283	477863.09, 3856877.25	5.41E-08	1.71E-11	4.97E-12	5.34E-08	1.69E-11	4.91E-12	5.19E-08	1.64E-11	4.76E-12
4284	478363.09, 3856877.25	4.95E-08	1.56E-11	4.54E-12	4.88E-08	1.54E-11	4.48E-12	4.74E-08	1.50E-11	4.35E-12
4285	478863.09, 3856877.25	6.08E-08	1.92E-11	5.58E-12	6.00E-08	1.89E-11	5.51E-12	5.82E-08	1.84E-11	5.35E-12
4286	479363.09, 3856877.25	7.82E-08	2.47E-11	7.18E-12	7.72E-08	2.44E-11	7.09E-12	7.50E-08	2.37E-11	6.88E-12
4287	479863.09, 3856877.25	1.53E-07	4.84E-11	1.41E-11	1.51E-07	4.78E-11	1.39E-11	1.47E-07	4.64E-11	1.35E-11
4288	480363.09, 3856877.25	2.09E-07	6.58E-11	1.92E-11	2.06E-07	6.50E-11	1.89E-11	2.00E-07	6.31E-11	1.84E-11
4289	480863.09, 3856877.25	2.60E-07	8.21E-11	2.39E-11	2.57E-07	8.10E-11	2.36E-11	2.49E-07	7.86E-11	2.29E-11
4290	481363.09, 3856877.25	3.05E-07	9.61E-11	2.80E-11	3.01E-07	9.49E-11	2.76E-11	2.92E-07	9.21E-11	2.68E-11
4291	481863.09, 3856877.25	3.40E-07	1.07E-10	3.12E-11	3.36E-07	1.06E-10	3.08E-11	3.26E-07	1.03E-10	2.99E-11
4292	482363.09, 3856877.25	3.82E-07	1.21E-10	3.51E-11	3.77E-07	1.19E-10	3.46E-11	3.66E-07	1.16E-10	3.36E-11
4293	482863.09, 3856877.25	4.19E-07	1.32E-10	3.84E-11	4.13E-07	1.30E-10	3.79E-11	4.01E-07	1.27E-10	3.68E-11
4294	483363.09, 3856877.25	4.60E-07	1.45E-10	4.23E-11	4.54E-07	1.43E-10	4.17E-11	4.41E-07	1.39E-10	4.05E-11
4295	483863.09, 3856877.25	5.07E-07	1.60E-10	4.66E-11	5.01E-07	1.58E-10	4.60E-11	4.86E-07	1.53E-10	4.46E-11
4296	484363.09, 3856877.25	5.60E-07	1.77E-10	5.14E-11	5.53E-07	1.75E-10	5.08E-11	5.37E-07	1.69E-10	4.93E-11
4297	484863.09, 3856877.25	6.18E-07	1.95E-10	5.68E-11	6.10E-07	1.93E-10	5.60E-11	5.93E-07	1.87E-10	5.44E-11
4298	485363.09, 3856877.25	7.06E-07	2.23E-10	6.48E-11	6.97E-07	2.20E-10	6.40E-11	6.76E-07	2.14E-10	6.21E-11
4299	485863.09, 3856877.25	8.23E-07	2.60E-10	7.56E-11	8.12E-07	2.56E-10	7.46E-11	7.89E-07	2.49E-10	7.24E-11
4300	486363.09, 3856877.25	8.04E-07	2.54E-10	7.38E-11	7.93E-07	2.50E-10	7.28E-11	7.70E-07	2.43E-10	7.07E-11
4301	486863.09, 3856877.25	9.17E-07	2.90E-10	8.42E-11	9.05E-07	2.86E-10	8.31E-11	8.79E-07	2.78E-10	8.07E-11
4302	487363.09, 3856877.25	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
4303	487863.09, 3856877.25	1.24E-06	3.90E-10	1.14E-10	1.22E-06	3.85E-10	1.12E-10	1.19E-06	3.74E-10	1.09E-10

4304	488363.09, 3856877.25	1.38E-06	4.34E-10	1.26E-10	1.36E-06	4.28E-10	1.25E-10	1.32E-06	4.16E-10	1.21E-10
4305	488863.09, 3856877.25	1.54E-06	4.87E-10	1.42E-10	1.52E-06	4.81E-10	1.40E-10	1.48E-06	4.67E-10	1.36E-10
4306	489363.09, 3856877.25	1.71E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.18E-10	1.51E-10
4307	489863.09, 3856877.25	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
4308	490363.09, 3856877.25	2.36E-06	7.44E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.13E-10	2.08E-10
4309	490863.09, 3856877.25	3.20E-06	1.01E-09	2.93E-10	3.15E-06	9.95E-10	2.90E-10	3.06E-06	9.67E-10	2.81E-10
4310	491363.09, 3856877.25	5.31E-06	1.67E-09	4.87E-10	5.24E-06	1.65E-09	4.81E-10	5.09E-06	1.60E-09	4.67E-10
4311	491863.09, 3856877.25	2.28E-05	7.21E-09	2.10E-09	2.25E-05	7.12E-09	2.07E-09	2.19E-05	6.91E-09	2.01E-09
4312	492363.09, 3856877.25	2.41E-05	7.60E-09	2.21E-09	2.38E-05	7.51E-09	2.18E-09	2.31E-05	7.29E-09	2.12E-09
4313	492863.09, 3856877.25	6.18E-06	1.95E-09	5.67E-10	6.10E-06	1.92E-09	5.60E-10	5.92E-06	1.87E-09	5.43E-10
4314	493363.09, 3856877.25	3.05E-06	9.62E-10	2.80E-10	3.01E-06	9.49E-10	2.76E-10	2.92E-06	9.22E-10	2.68E-10
4315	493863.09, 3856877.25	1.84E-06	5.82E-10	1.69E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.58E-10	1.62E-10
4316	494363.09, 3856877.25	1.27E-06	4.01E-10	1.17E-10	1.25E-06	3.95E-10	1.15E-10	1.22E-06	3.84E-10	1.12E-10
4317	494863.09, 3856877.25	1.00E-06	3.16E-10	9.19E-11	9.88E-07	3.12E-10	9.07E-11	9.60E-07	3.03E-10	8.81E-11
4318	495363.09, 3856877.25	8.45E-07	2.67E-10	7.75E-11	8.34E-07	2.63E-10	7.65E-11	8.09E-07	2.55E-10	7.43E-11
4319	495863.09, 3856877.25	7.74E-07	2.44E-10	7.10E-11	7.63E-07	2.41E-10	7.01E-11	7.41E-07	2.34E-10	6.81E-11
4320	496363.09, 3856877.25	7.23E-07	2.28E-10	6.64E-11	7.14E-07	2.25E-10	6.55E-11	6.93E-07	2.19E-10	6.36E-11
4321	496863.09, 3856877.25	7.01E-07	2.21E-10	6.44E-11	6.92E-07	2.18E-10	6.36E-11	6.72E-07	2.12E-10	6.17E-11
4322	497363.09, 3856877.25	7.03E-07	2.22E-10	6.45E-11	6.94E-07	2.19E-10	6.37E-11	6.74E-07	2.13E-10	6.19E-11
4323	497863.09, 3856877.25	7.52E-07	2.37E-10	6.91E-11	7.43E-07	2.34E-10	6.82E-11	7.21E-07	2.28E-10	6.62E-11
4324	498363.09, 3856877.25	8.27E-07	2.61E-10	7.59E-11	8.16E-07	2.58E-10	7.49E-11	7.92E-07	2.50E-10	7.27E-11
4325	471363.09, 3857377.25	7.81E-08	2.46E-11	7.17E-12	7.71E-08	2.43E-11	7.07E-12	7.48E-08	2.36E-11	6.87E-12
4326	471863.09, 3857377.25	7.96E-08	2.51E-11	7.31E-12	7.86E-08	2.48E-11	7.22E-12	7.63E-08	2.41E-11	7.01E-12
4327	472363.09, 3857377.25	8.32E-08	2.62E-11	7.63E-12	8.21E-08	2.59E-11	7.53E-12	7.97E-08	2.52E-11	7.32E-12
4328	472863.09, 3857377.25	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
4329	473363.09, 3857377.25	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
4330	473863.09, 3857377.25	1.01E-07	3.17E-11	9.23E-12	9.93E-08	3.13E-11	9.11E-12	9.64E-08	3.04E-11	8.85E-12
4331	474363.09, 3857377.25	9.71E-08	3.06E-11	8.91E-12	9.58E-08	3.02E-11	8.80E-12	9.30E-08	2.94E-11	8.54E-12
4332	474863.09, 3857377.25	8.20E-08	2.59E-11	7.53E-12	8.09E-08	2.55E-11	7.43E-12	7.86E-08	2.48E-11	7.21E-12
4333	475363.09, 3857377.25	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
4334	475863.09, 3857377.25	6.12E-08	1.93E-11	5.62E-12	6.04E-08	1.91E-11	5.54E-12	5.86E-08	1.85E-11	5.38E-12
4335	476363.09, 3857377.25	7.51E-08	2.37E-11	6.89E-12	7.41E-08	2.34E-11	6.80E-12	7.20E-08	2.27E-11	6.61E-12
4336	476863.09, 3857377.25	7.87E-08	2.48E-11	7.23E-12	7.77E-08	2.45E-11	7.13E-12	7.55E-08	2.38E-11	6.93E-12
4337	477363.09, 3857377.25	7.29E-08	2.30E-11	6.69E-12	7.19E-08	2.27E-11	6.60E-12	6.98E-08	2.20E-11	6.41E-12
4338	477863.09, 3857377.25	5.93E-08	1.87E-11	5.45E-12	5.86E-08	1.85E-11	5.38E-12	5.69E-08	1.80E-11	5.22E-12
4339	478363.09, 3857377.25	4.89E-08	1.54E-11	4.49E-12	4.83E-08	1.52E-11	4.43E-12	4.69E-08	1.48E-11	4.31E-12
4340	478863.09, 3857377.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
4341	479363.09, 3857377.25	6.36E-08	2.01E-11	5.84E-12	6.28E-08	1.98E-11	5.77E-12	6.10E-08	1.92E-11	5.60E-12
4342	479863.09, 3857377.25	1.32E-07	4.17E-11	1.21E-11	1.30E-07	4.11E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11
4343	480363.09, 3857377.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.56E-11	1.04E-11
4344	480863.09, 3857377.25	2.56E-07	8.10E-11	2.35E-11	2.53E-07	7.99E-11	2.32E-11	2.46E-07	7.76E-11	2.26E-11
4345	481363.09, 3857377.25	2.78E-07	8.78E-11	2.55E-11	2.74E-07	8.66E-11	2.52E-11	2.67E-07	8.41E-11	2.45E-11
4346	481863.09, 3857377.25	3.28E-07	1.03E-10	3.01E-11	3.23E-07	1.02E-10	2.97E-11	3.14E-07	9.91E-11	2.88E-11
4347	482363.09, 3857377.25	3.86E-07	1.22E-10	3.54E-11	3.81E-07	1.20E-10	3.49E-11	3.70E-07	1.17E-10	3.39E-11
4348	482863.09, 3857377.25	4.32E-07	1.36E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.14E-07	1.31E-10	3.80E-11
4349	483363.09, 3857377.25	4.86E-07	1.53E-10	4.46E-11	4.79E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.27E-11
4350	483863.09, 3857377.25	5.50E-07	1.74E-10	5.05E-11	5.43E-07	1.71E-10	4.99E-11	5.27E-07	1.66E-10	4.84E-11
4351	484363.09, 3857377.25	6.26E-07	1.98E-10	5.75E-11	6.18E-07	1.95E-10	5.67E-11	6.00E-07	1.89E-10	5.51E-11
4352	484863.09, 3857377.25	7.19E-07	2.27E-10	6.60E-11	7.10E-07	2.24E-10	6.51E-11	6.89E-07	2.17E-10	6.33E-11
4353	485363.09, 3857377.25	8.29E-07	2.62E-10	7.61E-11	8.19E-07	2.58E-10	7.52E-11	7.95E-07	2.51E-10	7.30E-11
4354	485863.09, 3857377.25	9.61E-07	3.03E-10	8.82E-11	9.49E-07	2.99E-10	8.71E-11	9.21E-07	2.91E-10	8.46E-11
4355	486363.09, 3857377.25	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
4356	486863.09, 3857377.25	1.29E-06	4.09E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10
4357	487363.09, 3857377.25	1.60E-06	5.04E-10	1.47E-10	1.58E-06	4.98E-10	1.45E-10	1.53E-06	4.83E-10	1.41E-10
4358	487863.09, 3857377.25	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
4359	488363.09, 3857377.25	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
4360	488863.09, 3857377.25	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
4361	489363.09, 3857377.25	2.98E-06	9.41E-10	2.74E-10	2.94E-06	9.29E-10	2.70E-10	2.86E-06	9.02E-10	2.62E-10
4362	489863.09, 3857377.25	3.50E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.08E-10
4363	490363.09, 3857377.25	4.28E-06	1.35E-09	3.93E-10	4.23E-06	1.33E-09	3.88E-10	4.10E-06	1.29E-09	3.77E-10
4364	490863.09, 3857377.25	6.08E-06	1.92E-09	5.58E-10	6.00E-06	1.89E-09	5.51E-10	5.83E-06	1.84E-09	5.35E-10
4365	491363.09, 3857377.25	1.46E-05	4.62E-09	1.34E-09	1.44E-05	4.56E-09	1.33E-09	1.40E-05	4.43E-09	1.29E-09
4366	491863.09, 3857377.25	2.85E-05	9.01E-09	2.62E-09	2.82E-05	8.89E-09	2.59E-09	2.74E-05	8.63E-09	2.51E-09
4367	492363.09, 3857377.25	8.67E-06	2.74E-09	7.96E-10	8.56E-06	2.70E-09	7.86E-10	8.31E-06	2.62E-09	7.63E-10
4368	492863.09, 3857377.25	4.53E-06	1.43E-09	4.15E-10	4.47E-06	1.41E-09	4.10E-10	4.34E-06	1.37E-09	3.98E-10
4369	493363.09, 3857377.25	2.82E-06	8.90E-10	2.59E-10	2.78E-06	8.78E-10	2.55E-10	2.70E-06	8.53E-10	2.48E-10
4370	493863.09, 3857377.25	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.45E-10	1.88E-10
4371	494363.09, 3857377.25	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
4372	494863.09, 3857377.25	1.34E-06	4.23E-10	1.23E-10	1.32E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
4373	495363.09, 3857377.25	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.96E-11
4374	495863.09, 3857377.25	1.02E-06	3.20E-10	9.32E-11	1.00E-06	3.16E-10	9.20E-11	9.73E-07	3.07E-10	8.93E-11
4375	496363.09, 3857377.25	9.32E-07	2.94E-10	8.56E-11	9.20E-07	2.90E-10	8.45E-11	8.93E-07	2.82E-10	8.20E-11
4376	496863.09, 3857377.25	8.74E-07	2.76E-10	8.02E-11	8.62E-07	2.72E-10	7.92E-11	8.37E-07	2.64E-10	7.69E-11

4377	497363.09, 3857377.25	8.62E-07	2.72E-10	7.91E-11	8.51E-07	2.69E-10	7.81E-11	8.26E-07	2.61E-10	7.58E-11
4378	497863.09, 3857377.25	8.87E-07	2.80E-10	8.14E-11	8.76E-07	2.76E-10	8.04E-11	8.50E-07	2.68E-10	7.81E-11
4379	498363.09, 3857377.25	1.05E-06	3.30E-10	9.59E-11	1.03E-06	3.26E-10	9.47E-11	1.00E-06	3.16E-10	9.20E-11
4380	471363.09, 3857877.25	8.13E-08	2.57E-11	7.47E-12	8.03E-08	2.53E-11	7.37E-12	7.80E-08	2.46E-11	7.16E-12
4381	471863.09, 3857877.25	8.35E-08	2.64E-11	7.67E-12	8.25E-08	2.60E-11	7.57E-12	8.01E-08	2.53E-11	7.35E-12
4382	472363.09, 3857877.25	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
4383	472863.09, 3857877.25	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
4384	473363.09, 3857877.25	9.77E-08	3.08E-11	8.97E-12	9.65E-08	3.04E-11	8.86E-12	9.37E-08	2.96E-11	8.60E-12
4385	473863.09, 3857877.25	1.04E-07	3.29E-11	9.57E-12	1.03E-07	3.25E-11	9.44E-12	9.99E-08	3.15E-11	9.17E-12
4386	474363.09, 3857877.25	9.85E-08	3.11E-11	9.04E-12	9.72E-08	3.07E-11	8.93E-12	9.44E-08	2.98E-11	8.67E-12
4387	474863.09, 3857877.25	8.00E-08	2.53E-11	7.35E-12	7.90E-08	2.49E-11	7.25E-12	7.67E-08	2.42E-11	7.04E-12
4388	475363.09, 3857877.25	5.27E-08	1.66E-11	4.84E-12	5.20E-08	1.64E-11	4.78E-12	5.05E-08	1.59E-11	4.64E-12
4389	475863.09, 3857877.25	2.88E-08	9.08E-12	2.64E-12	2.84E-08	8.96E-12	2.61E-12	2.76E-08	8.70E-12	2.53E-12
4390	476363.09, 3857877.25	5.92E-08	1.87E-11	5.44E-12	5.84E-08	1.84E-11	5.36E-12	5.67E-08	1.79E-11	5.21E-12
4391	476863.09, 3857877.25	7.01E-08	2.21E-11	6.44E-12	6.92E-08	2.18E-11	6.36E-12	6.72E-08	2.12E-11	6.17E-12
4392	477363.09, 3857877.25	7.04E-08	2.22E-11	6.46E-12	6.95E-08	2.19E-11	6.38E-12	6.75E-08	2.13E-11	6.19E-12
4393	477863.09, 3857877.25	6.90E-08	2.18E-11	6.33E-12	6.81E-08	2.15E-11	6.25E-12	6.61E-08	2.09E-11	6.07E-12
4394	478363.09, 3857877.25	4.41E-08	1.39E-11	4.05E-12	4.35E-08	1.37E-11	4.00E-12	4.23E-08	1.33E-11	3.88E-12
4395	478863.09, 3857877.25	3.83E-08	1.21E-11	3.51E-12	3.78E-08	1.19E-11	3.47E-12	3.67E-08	1.16E-11	3.37E-12
4396	479363.09, 3857877.25	1.29E-07	4.08E-11	1.19E-11	1.28E-07	4.03E-11	1.17E-11	1.24E-07	3.91E-11	1.14E-11
4397	479863.09, 3857877.25	2.02E-07	6.38E-11	1.86E-11	2.00E-07	6.30E-11	1.83E-11	1.94E-07	6.12E-11	1.78E-11
4398	480363.09, 3857877.25	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
4399	480863.09, 3857877.25	2.63E-07	8.30E-11	2.41E-11	2.59E-07	8.19E-11	2.38E-11	2.52E-07	7.95E-11	2.31E-11
4400	481363.09, 3857877.25	2.90E-07	9.16E-11	2.67E-11	2.87E-07	9.04E-11	2.63E-11	2.78E-07	8.78E-11	2.55E-11
4401	481863.09, 3857877.25	3.29E-07	1.04E-10	3.02E-11	3.25E-07	1.02E-10	2.98E-11	3.15E-07	9.95E-11	2.89E-11
4402	482363.09, 3857877.25	3.84E-07	1.21E-10	3.52E-11	3.79E-07	1.20E-10	3.48E-11	3.68E-07	1.16E-10	3.38E-11
4403	482863.09, 3857877.25	4.37E-07	1.38E-10	4.01E-11	4.31E-07	1.36E-10	3.96E-11	4.19E-07	1.32E-10	3.84E-11
4404	483363.09, 3857877.25	4.92E-07	1.55E-10	4.52E-11	4.85E-07	1.53E-10	4.46E-11	4.71E-07	1.49E-10	4.33E-11
4405	483863.09, 3857877.25	5.61E-07	1.77E-10	5.15E-11	5.54E-07	1.75E-10	5.08E-11	5.38E-07	1.70E-10	4.94E-11
4406	484363.09, 3857877.25	6.47E-07	2.04E-10	5.94E-11	6.39E-07	2.02E-10	5.87E-11	6.20E-07	1.96E-10	5.70E-11
4407	484863.09, 3857877.25	7.59E-07	2.40E-10	6.97E-11	7.49E-07	2.36E-10	6.88E-11	7.27E-07	2.30E-10	6.68E-11
4408	485363.09, 3857877.25	9.05E-07	2.85E-10	8.30E-11	8.93E-07	2.82E-10	8.20E-11	8.67E-07	2.74E-10	7.96E-11
4409	485863.09, 3857877.25	1.11E-06	3.50E-10	1.02E-10	1.09E-06	3.45E-10	1.00E-10	1.06E-06	3.35E-10	9.74E-11
4410	486363.09, 3857877.25	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
4411	486863.09, 3857877.25	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
4412	487363.09, 3857877.25	2.80E-06	8.83E-10	2.57E-10	2.76E-06	8.72E-10	2.54E-10	2.68E-06	8.47E-10	2.46E-10
4413	487863.09, 3857877.25	4.63E-06	1.46E-09	4.25E-10	4.57E-06	1.44E-09	4.19E-10	4.43E-06	1.40E-09	4.07E-10
4414	488363.09, 3857877.25	6.44E-06	2.03E-09	5.91E-10	6.35E-06	2.01E-09	5.83E-10	6.17E-06	1.95E-09	5.66E-10
4415	488863.09, 3857877.25	8.60E-06	2.71E-09	7.90E-10	8.49E-06	2.68E-09	7.79E-10	8.24E-06	2.60E-09	7.57E-10
4416	489363.09, 3857877.25	8.70E-06	2.75E-09	7.99E-10	8.59E-06	2.71E-09	7.88E-10	8.34E-06	2.63E-09	7.66E-10
4417	489863.09, 3857877.25	8.88E-06	2.80E-09	8.15E-10	8.76E-06	2.77E-09	8.04E-10	8.51E-06	2.69E-09	7.81E-10
4418	490363.09, 3857877.25	1.02E-05	3.21E-09	9.33E-10	1.00E-05	3.17E-09	9.21E-10	9.74E-06	3.07E-09	8.94E-10
4419	490863.09, 3857877.25	1.39E-05	4.40E-09	1.28E-09	1.38E-05	4.34E-09	1.26E-09	1.34E-05	4.21E-09	1.23E-09
4420	491363.09, 3857877.25	7.14E-05	2.25E-08	6.56E-09	7.05E-05	2.23E-08	6.47E-09	6.85E-05	2.16E-08	6.29E-09
4421	491863.09, 3857877.25	1.73E-05	5.45E-09	1.59E-09	1.70E-05	5.38E-09	1.56E-09	1.65E-05	5.22E-09	1.52E-09
4422	492363.09, 3857877.25	7.12E-06	2.25E-09	6.53E-10	7.02E-06	2.22E-09	6.45E-10	6.82E-06	2.15E-09	6.26E-10
4423	492863.09, 3857877.25	4.07E-06	1.29E-09	3.74E-10	4.02E-06	1.27E-09	3.69E-10	3.90E-06	1.23E-09	3.58E-10
4424	493363.09, 3857877.25	2.98E-06	9.42E-10	2.74E-10	2.94E-06	9.29E-10	2.70E-10	2.86E-06	9.02E-10	2.62E-10
4425	493863.09, 3857877.25	2.38E-06	7.51E-10	2.18E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
4426	494363.09, 3857877.25	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
4427	494863.09, 3857877.25	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
4428	495363.09, 3857877.25	1.37E-06	4.31E-10	1.25E-10	1.35E-06	4.26E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
4429	495863.09, 3857877.25	1.21E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
4430	496363.09, 3857877.25	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.52E-10	1.02E-10	1.08E-06	3.42E-10	9.94E-11
4431	496863.09, 3857877.25	1.07E-06	3.37E-10	9.80E-11	1.05E-06	3.32E-10	9.67E-11	1.02E-06	3.23E-10	9.39E-11
4432	497363.09, 3857877.25	1.00E-06	3.15E-10	9.18E-11	9.87E-07	3.11E-10	9.06E-11	9.58E-07	3.02E-10	8.79E-11
4433	497863.09, 3857877.25	1.08E-06	3.42E-10	9.96E-11	1.07E-06	3.38E-10	9.83E-11	1.04E-06	3.28E-10	9.54E-11
4434	498363.09, 3857877.25	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
4435	471363.09, 3858377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4436	471863.09, 3858377.25	8.26E-08	2.61E-11	7.59E-12	8.16E-08	2.57E-11	7.49E-12	7.92E-08	2.50E-11	7.27E-12
4437	472363.09, 3858377.25	8.54E-08	2.69E-11	7.84E-12	8.43E-08	2.66E-11	7.73E-12	8.18E-08	2.58E-11	7.51E-12
4438	472863.09, 3858377.25	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
4439	473363.09, 3858377.25	9.89E-08	3.12E-11	9.08E-12	9.76E-08	3.08E-11	8.96E-12	9.48E-08	2.99E-11	8.70E-12
4440	473863.09, 3858377.25	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
4441	474363.09, 3858377.25	9.21E-08	2.91E-11	8.46E-12	9.09E-08	2.87E-11	8.35E-12	8.83E-08	2.79E-11	8.11E-12
4442	474863.09, 3858377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4443	475363.09, 3858377.25	6.19E-08	1.96E-11	5.69E-12	6.11E-08	1.93E-11	5.61E-12	5.94E-08	1.87E-11	5.45E-12
4444	475863.09, 3858377.25	4.89E-08	1.54E-11	4.49E-12	4.83E-08	1.52E-11	4.43E-12	4.69E-08	1.48E-11	4.31E-12
4445	476363.09, 3858377.25	5.30E-08	1.67E-11	4.86E-12	5.23E-08	1.65E-11	4.80E-12	5.08E-08	1.60E-11	4.66E-12
4446	476863.09, 3858377.25	5.70E-08	1.80E-11	5.23E-12	5.63E-08	1.78E-11	5.16E-12	5.46E-08	1.72E-11	5.02E-12
4447	477363.09, 3858377.25	5.58E-08	1.76E-11	5.13E-12	5.51E-08	1.74E-11	5.06E-12	5.35E-08	1.69E-11	4.91E-12
4448	477863.09, 3858377.25	7.12E-08	2.25E-11	6.53E-12	7.03E-08	2.22E-11	6.45E-12	6.82E-08	2.15E-11	6.26E-12
4449	478363.09, 3858377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12

4450	478863.09, 3858377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
4451	479363.09, 3858377.25	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.18E-11	1.22E-11	1.29E-07	4.06E-11	1.18E-11
4452	479863.09, 3858377.25	2.07E-07	6.53E-11	1.90E-11	2.04E-07	6.45E-11	1.88E-11	1.98E-07	6.26E-11	1.82E-11
4453	480363.09, 3858377.25	2.41E-07	7.61E-11	2.21E-11	2.38E-07	7.51E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
4454	480863.09, 3858377.25	2.62E-07	8.26E-11	2.40E-11	2.58E-07	8.16E-11	2.37E-11	2.51E-07	7.92E-11	2.30E-11
4455	481363.09, 3858377.25	2.90E-07	9.16E-11	2.66E-11	2.86E-07	9.04E-11	2.63E-11	2.78E-07	8.77E-11	2.55E-11
4456	481863.09, 3858377.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
4457	482363.09, 3858377.25	3.59E-07	1.13E-10	3.29E-11	3.54E-07	1.12E-10	3.25E-11	3.44E-07	1.09E-10	3.16E-11
4458	482863.09, 3858377.25	4.24E-07	1.34E-10	3.90E-11	4.19E-07	1.32E-10	3.85E-11	4.07E-07	1.28E-10	3.73E-11
4459	483363.09, 3858377.25	4.90E-07	1.55E-10	4.49E-11	4.83E-07	1.52E-10	4.44E-11	4.69E-07	1.48E-10	4.31E-11
4460	483863.09, 3858377.25	5.56E-07	1.75E-10	5.10E-11	5.48E-07	1.73E-10	5.03E-11	5.32E-07	1.68E-10	4.89E-11
4461	484363.09, 3858377.25	6.45E-07	2.04E-10	5.92E-11	6.37E-07	2.01E-10	5.85E-11	6.18E-07	1.95E-10	5.68E-11
4462	484863.09, 3858377.25	7.61E-07	2.40E-10	6.99E-11	7.51E-07	2.37E-10	6.90E-11	7.29E-07	2.30E-10	6.70E-11
4463	485363.09, 3858377.25	9.13E-07	2.88E-10	8.38E-11	9.01E-07	2.84E-10	8.27E-11	8.75E-07	2.76E-10	8.03E-11
4464	485863.09, 3858377.25	1.13E-06	3.58E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.98E-11
4465	486363.09, 3858377.25	1.47E-06	4.63E-10	1.35E-10	1.45E-06	4.57E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
4466	486863.09, 3858377.25	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
4467	487363.09, 3858377.25	3.15E-06	9.95E-10	2.90E-10	3.11E-06	9.82E-10	2.86E-10	3.02E-06	9.54E-10	2.77E-10
4468	487863.09, 3858377.25	7.32E-06	2.31E-09	6.72E-10	7.22E-06	2.28E-09	6.63E-10	7.02E-06	2.21E-09	6.44E-10
4469	488363.09, 3858377.25	2.15E-05	6.77E-09	1.97E-09	2.12E-05	6.68E-09	1.94E-09	2.06E-05	6.49E-09	1.89E-09
4470	488863.09, 3858377.25	4.45E-05	1.40E-08	4.08E-09	4.39E-05	1.39E-08	4.03E-09	4.26E-05	1.34E-08	3.91E-09
4471	489363.09, 3858377.25	5.00E-05	1.58E-08	4.59E-09	4.94E-05	1.56E-08	4.53E-09	4.79E-05	1.51E-08	4.40E-09
4472	489863.09, 3858377.25	9.14E-05	2.88E-08	8.39E-09	9.02E-05	2.85E-08	8.28E-09	8.76E-05	2.76E-08	8.04E-09
4473	490363.09, 3858377.25	8.11E-05	2.56E-08	7.45E-09	8.01E-05	2.53E-08	7.35E-09	7.78E-05	2.45E-08	7.14E-09
4474	490863.09, 3858377.25	6.17E-05	1.95E-08	5.67E-09	6.09E-05	1.92E-08	5.59E-09	5.92E-05	1.87E-08	5.43E-09
4475	491363.09, 3858377.25	2.59E-05	8.16E-09	2.37E-09	2.55E-05	8.05E-09	2.34E-09	2.48E-05	7.82E-09	2.27E-09
4476	491863.09, 3858377.25	1.04E-05	3.30E-09	9.59E-10	1.03E-05	3.25E-09	9.46E-10	1.00E-05	3.16E-09	9.19E-10
4477	492363.09, 3858377.25	4.96E-06	1.57E-09	4.56E-10	4.90E-06	1.55E-09	4.50E-10	4.76E-06	1.50E-09	4.37E-10
4478	492863.09, 3858377.25	4.51E-06	1.42E-09	4.14E-10	4.45E-06	1.41E-09	4.09E-10	4.32E-06	1.36E-09	3.97E-10
4479	493363.09, 3858377.25	3.36E-06	1.06E-09	3.08E-10	3.32E-06	1.05E-09	3.04E-10	3.22E-06	1.02E-09	2.96E-10
4480	493863.09, 3858377.25	2.75E-06	8.67E-10	2.52E-10	2.71E-06	8.55E-10	2.49E-10	2.63E-06	8.31E-10	2.42E-10
4481	494363.09, 3858377.25	2.22E-06	7.02E-10	2.04E-10	2.20E-06	6.93E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10
4482	494863.09, 3858377.25	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.60E-10	1.63E-10
4483	495363.09, 3858377.25	1.52E-06	4.79E-10	1.39E-10	1.50E-06	4.73E-10	1.38E-10	1.45E-06	4.59E-10	1.34E-10
4484	495863.09, 3858377.25	1.38E-06	4.36E-10	1.27E-10	1.36E-06	4.30E-10	1.25E-10	1.32E-06	4.18E-10	1.21E-10
4485	496363.09, 3858377.25	1.25E-06	3.96E-10	1.15E-10	1.24E-06	3.91E-10	1.14E-10	1.20E-06	3.79E-10	1.10E-10
4486	496863.09, 3858377.25	1.23E-06	3.90E-10	1.13E-10	1.22E-06	3.85E-10	1.12E-10	1.18E-06	3.74E-10	1.09E-10
4487	497363.09, 3858377.25	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
4488	497863.09, 3858377.25	1.24E-06	3.92E-10	1.14E-10	1.23E-06	3.87E-10	1.12E-10	1.19E-06	3.75E-10	1.09E-10
4489	498363.09, 3858377.25	1.36E-06	4.30E-10	1.25E-10	1.34E-06	4.24E-10	1.23E-10	1.31E-06	4.12E-10	1.20E-10
4490	471363.09, 3858877.25	7.48E-08	2.36E-11	6.87E-12	7.39E-08	2.33E-11	6.78E-12	7.17E-08	2.26E-11	6.58E-12
4491	471863.09, 3858877.25	7.69E-08	2.43E-11	7.06E-12	7.59E-08	2.40E-11	6.97E-12	7.37E-08	2.33E-11	6.77E-12
4492	472363.09, 3858877.25	8.17E-08	2.58E-11	7.50E-12	8.07E-08	2.55E-11	7.40E-12	7.83E-08	2.47E-11	7.19E-12
4493	472863.09, 3858877.25	8.63E-08	2.72E-11	7.92E-12	8.52E-08	2.69E-11	7.82E-12	8.27E-08	2.61E-11	7.59E-12
4494	473363.09, 3858877.25	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
4495	473863.09, 3858877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
4496	474363.09, 3858877.25	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
4497	474863.09, 3858877.25	5.90E-08	1.86E-11	5.41E-12	5.82E-08	1.84E-11	5.34E-12	5.65E-08	1.78E-11	5.19E-12
4498	475363.09, 3858877.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
4499	475863.09, 3858877.25	5.40E-08	1.70E-11	4.96E-12	5.33E-08	1.68E-11	4.89E-12	5.18E-08	1.63E-11	4.75E-12
4500	476363.09, 3858877.25	3.79E-08	1.20E-11	3.48E-12	3.74E-08	1.18E-11	3.43E-12	3.63E-08	1.15E-11	3.33E-12
4501	476863.09, 3858877.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
4502	477363.09, 3858877.25	4.80E-08	1.52E-11	4.41E-12	4.74E-08	1.50E-11	4.35E-12	4.60E-08	1.45E-11	4.23E-12
4503	477863.09, 3858877.25	5.82E-08	1.84E-11	5.34E-12	5.74E-08	1.81E-11	5.27E-12	5.58E-08	1.76E-11	5.12E-12
4504	478363.09, 3858877.25	1.00E-07	3.17E-11	9.22E-12	9.92E-08	3.13E-11	9.10E-12	9.63E-08	3.04E-11	8.84E-12
4505	478863.09, 3858877.25	9.14E-08	2.88E-11	8.39E-12	9.02E-08	2.85E-11	8.28E-12	8.76E-08	2.76E-11	8.04E-12
4506	479363.09, 3858877.25	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
4507	479863.09, 3858877.25	2.11E-07	6.66E-11	1.94E-11	2.08E-07	6.58E-11	1.91E-11	2.02E-07	6.38E-11	1.86E-11
4508	480363.09, 3858877.25	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
4509	480863.09, 3858877.25	2.66E-07	8.40E-11	2.44E-11	2.63E-07	8.29E-11	2.41E-11	2.55E-07	8.05E-11	2.34E-11
4510	481363.09, 3858877.25	2.94E-07	9.29E-11	2.70E-11	2.90E-07	9.17E-11	2.67E-11	2.82E-07	8.90E-11	2.59E-11
4511	481863.09, 3858877.25	3.28E-07	1.03E-10	3.01E-11	3.24E-07	1.02E-10	2.97E-11	3.14E-07	9.92E-11	2.88E-11
4512	482363.09, 3858877.25	3.63E-07	1.14E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11
4513	482863.09, 3858877.25	4.12E-07	1.30E-10	3.78E-11	4.07E-07	1.28E-10	3.73E-11	3.95E-07	1.25E-10	3.63E-11
4514	483363.09, 3858877.25	4.90E-07	1.55E-10	4.50E-11	4.84E-07	1.53E-10	4.44E-11	4.70E-07	1.48E-10	4.31E-11
4515	483863.09, 3858877.25	5.55E-07	1.75E-10	5.10E-11	5.48E-07	1.73E-10	5.03E-11	5.32E-07	1.68E-10	4.89E-11
4516	484363.09, 3858877.25	6.43E-07	2.03E-10	5.90E-11	6.34E-07	2.00E-10	5.82E-11	6.16E-07	1.94E-10	5.66E-11
4517	484863.09, 3858877.25	7.57E-07	2.39E-10	6.95E-11	7.47E-07	2.36E-10	6.86E-11	7.26E-07	2.29E-10	6.66E-11
4518	485363.09, 3858877.25	9.12E-07	2.88E-10	8.37E-11	9.00E-07	2.84E-10	8.26E-11	8.74E-07	2.76E-10	8.02E-11
4519	485863.09, 3858877.25	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
4520	486363.09, 3858877.25	1.47E-06	4.63E-10	1.35E-10	1.45E-06	4.57E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
4521	486863.09, 3858877.25	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.90E-06	6.01E-10	1.75E-10
4522	487363.09, 3858877.25	2.83E-06	8.94E-10	2.60E-10	2.79E-06	8.82E-10	2.57E-10	2.71E-06	8.57E-10	2.49E-10

4523	487863.09, 3858877.25	4.43E-06	1.40E-09	4.07E-10	4.37E-06	1.38E-09	4.02E-10	4.25E-06	1.34E-09	3.90E-10
4524	488363.09, 3858877.25	7.70E-06	2.43E-09	7.07E-10	7.60E-06	2.40E-09	6.98E-10	7.38E-06	2.33E-09	6.78E-10
4525	488863.09, 3858877.25	1.91E-05	6.03E-09	1.76E-09	1.89E-05	5.95E-09	1.73E-09	1.83E-05	5.78E-09	1.68E-09
4526	489363.09, 3858877.25	7.56E-05	2.39E-08	6.94E-09	7.46E-05	2.35E-08	6.85E-09	7.24E-05	2.29E-08	6.65E-09
4527	489863.09, 3858877.25	2.49E-05	7.87E-09	2.29E-09	2.46E-05	7.77E-09	2.26E-09	2.39E-05	7.54E-09	2.19E-09
4528	490363.09, 3858877.25	1.70E-05	5.36E-09	1.56E-09	1.68E-05	5.29E-09	1.54E-09	1.63E-05	5.14E-09	1.49E-09
4529	490863.09, 3858877.25	1.21E-05	3.83E-09	1.11E-09	1.20E-05	3.78E-09	1.10E-09	1.16E-05	3.67E-09	1.07E-09
4530	491363.09, 3858877.25	7.20E-06	2.27E-09	6.61E-10	7.10E-06	2.24E-09	6.52E-10	6.90E-06	2.18E-09	6.33E-10
4531	491863.09, 3858877.25	4.29E-06	1.35E-09	3.94E-10	4.23E-06	1.34E-09	3.89E-10	4.11E-06	1.30E-09	3.77E-10
4532	492363.09, 3858877.25	4.74E-06	1.50E-09	4.35E-10	4.68E-06	1.48E-09	4.30E-10	4.54E-06	1.43E-09	4.17E-10
4533	492863.09, 3858877.25	5.18E-06	1.63E-09	4.75E-10	5.11E-06	1.61E-09	4.69E-10	4.96E-06	1.57E-09	4.55E-10
4534	493363.09, 3858877.25	4.13E-06	1.31E-09	3.80E-10	4.08E-06	1.29E-09	3.75E-10	3.96E-06	1.25E-09	3.64E-10
4535	493863.09, 3858877.25	2.93E-06	9.26E-10	2.69E-10	2.89E-06	9.13E-10	2.66E-10	2.81E-06	8.87E-10	2.58E-10
4536	494363.09, 3858877.25	2.49E-06	7.85E-10	2.28E-10	2.45E-06	7.75E-10	2.25E-10	2.38E-06	7.52E-10	2.19E-10
4537	494863.09, 3858877.25	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
4538	495363.09, 3858877.25	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.22E-10	1.52E-10
4539	495863.09, 3858877.25	1.54E-06	4.86E-10	1.41E-10	1.52E-06	4.80E-10	1.40E-10	1.48E-06	4.66E-10	1.36E-10
4540	496363.09, 3858877.25	1.44E-06	4.55E-10	1.32E-10	1.42E-06	4.49E-10	1.31E-10	1.38E-06	4.36E-10	1.27E-10
4541	496863.09, 3858877.25	1.35E-06	4.28E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
4542	497363.09, 3858877.25	1.27E-06	4.02E-10	1.17E-10	1.26E-06	3.97E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
4543	497863.09, 3858877.25	1.38E-06	4.37E-10	1.27E-10	1.37E-06	4.31E-10	1.25E-10	1.33E-06	4.19E-10	1.22E-10
4544	498363.09, 3858877.25	1.48E-06	4.66E-10	1.36E-10	1.46E-06	4.60E-10	1.34E-10	1.42E-06	4.47E-10	1.30E-10
4545	471363.09, 3859377.25	7.81E-08	2.46E-11	7.17E-12	7.71E-08	2.43E-11	7.07E-12	7.48E-08	2.36E-11	6.87E-12
4546	471863.09, 3859377.25	8.17E-08	2.58E-11	7.50E-12	8.07E-08	2.55E-11	7.40E-12	7.83E-08	2.47E-11	7.19E-12
4547	472363.09, 3859377.25	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
4548	472863.09, 3859377.25	9.21E-08	2.91E-11	8.46E-12	9.09E-08	2.87E-11	8.35E-12	8.83E-08	2.79E-11	8.11E-12
4549	473363.09, 3859377.25	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
4550	473863.09, 3859377.25	1.03E-07	3.24E-11	9.41E-12	1.01E-07	3.19E-11	9.29E-12	9.83E-08	3.10E-11	9.02E-12
4551	474363.09, 3859377.25	9.76E-08	3.08E-11	8.96E-12	9.63E-08	3.04E-11	8.84E-12	9.35E-08	2.95E-11	8.59E-12
4552	474863.09, 3859377.25	8.20E-08	2.59E-11	7.53E-12	8.09E-08	2.55E-11	7.43E-12	7.86E-08	2.48E-11	7.21E-12
4553	475363.09, 3859377.25	6.23E-08	1.97E-11	5.72E-12	6.15E-08	1.94E-11	5.65E-12	5.97E-08	1.89E-11	5.48E-12
4554	475863.09, 3859377.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
4555	476363.09, 3859377.25	4.03E-08	1.27E-11	3.70E-12	3.98E-08	1.26E-11	3.66E-12	3.87E-08	1.22E-11	3.55E-12
4556	476863.09, 3859377.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
4557	477363.09, 3859377.25	3.70E-08	1.17E-11	3.39E-12	3.65E-08	1.15E-11	3.35E-12	3.54E-08	1.12E-11	3.25E-12
4558	477863.09, 3859377.25	6.34E-08	2.00E-11	5.82E-12	6.25E-08	1.97E-11	5.74E-12	6.07E-08	1.92E-11	5.58E-12
4559	478363.09, 3859377.25	9.40E-08	2.97E-11	8.63E-12	9.27E-08	2.93E-11	8.51E-12	9.00E-08	2.84E-11	8.27E-12
4560	478863.09, 3859377.25	1.36E-07	4.29E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.30E-07	4.11E-11	1.20E-11
4561	479363.09, 3859377.25	1.77E-07	5.58E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.69E-07	5.35E-11	1.56E-11
4562	479863.09, 3859377.25	2.14E-07	6.77E-11	1.97E-11	2.12E-07	6.68E-11	1.94E-11	2.06E-07	6.49E-11	1.89E-11
4563	480363.09, 3859377.25	2.50E-07	7.90E-11	2.30E-11	2.47E-07	7.80E-11	2.27E-11	2.40E-07	7.57E-11	2.20E-11
4564	480863.09, 3859377.25	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.70E-11	2.53E-11	2.68E-07	8.44E-11	2.46E-11
4565	481363.09, 3859377.25	3.08E-07	9.72E-11	2.83E-11	3.04E-07	9.59E-11	2.79E-11	2.95E-07	9.31E-11	2.71E-11
4566	481863.09, 3859377.25	3.39E-07	1.07E-10	3.11E-11	3.35E-07	1.06E-10	3.07E-11	3.25E-07	1.03E-10	2.98E-11
4567	482363.09, 3859377.25	3.73E-07	1.18E-10	3.43E-11	3.68E-07	1.16E-10	3.38E-11	3.58E-07	1.13E-10	3.28E-11
4568	482863.09, 3859377.25	4.19E-07	1.32E-10	3.85E-11	4.14E-07	1.31E-10	3.80E-11	4.02E-07	1.27E-10	3.69E-11
4569	483363.09, 3859377.25	4.83E-07	1.53E-10	4.44E-11	4.77E-07	1.51E-10	4.38E-11	4.63E-07	1.46E-10	4.25E-11
4570	483863.09, 3859377.25	5.46E-07	1.72E-10	5.02E-11	5.39E-07	1.70E-10	4.95E-11	5.24E-07	1.65E-10	4.81E-11
4571	484363.09, 3859377.25	6.33E-07	2.00E-10	5.81E-11	6.24E-07	1.97E-10	5.73E-11	6.06E-07	1.91E-10	5.57E-11
4572	484863.09, 3859377.25	7.45E-07	2.35E-10	6.84E-11	7.35E-07	2.32E-10	6.75E-11	7.14E-07	2.25E-10	6.56E-11
4573	485363.09, 3859377.25	8.92E-07	2.81E-10	8.19E-11	8.80E-07	2.78E-10	8.08E-11	8.55E-07	2.70E-10	7.85E-11
4574	485863.09, 3859377.25	1.10E-06	3.46E-10	1.01E-10	1.08E-06	3.42E-10	9.94E-11	1.05E-06	3.32E-10	9.65E-11
4575	486363.09, 3859377.25	1.35E-06	4.27E-10	1.24E-10	1.33E-06	4.21E-10	1.23E-10	1.30E-06	4.09E-10	1.19E-10
4576	486863.09, 3859377.25	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
4577	487363.09, 3859377.25	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
4578	487863.09, 3859377.25	3.31E-06	1.05E-09	3.04E-10	3.27E-06	1.03E-09	3.00E-10	3.18E-06	1.00E-09	2.92E-10
4579	488363.09, 3859377.25	4.75E-06	1.50E-09	4.36E-10	4.68E-06	1.48E-09	4.30E-10	4.55E-06	1.44E-09	4.18E-10
4580	488863.09, 3859377.25	9.29E-06	2.93E-09	8.53E-10	9.17E-06	2.89E-09	8.42E-10	8.90E-06	2.81E-09	8.17E-10
4581	489363.09, 3859377.25	4.21E-05	1.33E-08	3.86E-09	4.15E-05	1.31E-08	3.81E-09	4.03E-05	1.27E-08	3.70E-09
4582	489863.09, 3859377.25	1.51E-05	4.75E-09	1.38E-09	1.49E-05	4.69E-09	1.36E-09	1.44E-05	4.56E-09	1.33E-09
4583	490363.09, 3859377.25	1.01E-05	3.20E-09	9.31E-10	1.00E-05	3.16E-09	9.19E-10	9.72E-06	3.07E-09	8.93E-10
4584	490863.09, 3859377.25	7.30E-06	2.30E-09	6.70E-10	7.21E-06	2.27E-09	6.62E-10	7.00E-06	2.21E-09	6.43E-10
4585	491363.09, 3859377.25	4.20E-06	1.33E-09	3.86E-10	4.15E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
4586	491863.09, 3859377.25	4.98E-06	1.57E-09	4.57E-10	4.91E-06	1.55E-09	4.51E-10	4.77E-06	1.51E-09	4.38E-10
4587	492363.09, 3859377.25	4.49E-06	1.42E-09	4.12E-10	4.43E-06	1.40E-09	4.07E-10	4.31E-06	1.36E-09	3.95E-10
4588	492863.09, 3859377.25	4.14E-06	1.31E-09	3.80E-10	4.09E-06	1.29E-09	3.76E-10	3.97E-06	1.25E-09	3.65E-10
4589	493363.09, 3859377.25	3.49E-06	1.10E-09	3.20E-10	3.44E-06	1.09E-09	3.16E-10	3.34E-06	1.05E-09	3.07E-10
4590	493863.09, 3859377.25	3.18E-06	1.00E-09	2.92E-10	3.14E-06	9.90E-10	2.88E-10	3.05E-06	9.61E-10	2.80E-10
4591	494363.09, 3859377.25	2.76E-06	8.72E-10	2.54E-10	2.73E-06	8.61E-10	2.50E-10	2.65E-06	8.36E-10	2.43E-10
4592	494863.09, 3859377.25	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
4593	495363.09, 3859377.25	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
4594	495863.09, 3859377.25	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
4595	496363.09, 3859377.25	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10

4596	496863.09, 3859377.25	1.43E-06	4.52E-10	1.32E-10	1.41E-06	4.46E-10	1.30E-10	1.37E-06	4.34E-10	1.26E-10
4597	497363.09, 3859377.25	1.44E-06	4.54E-10	1.32E-10	1.42E-06	4.48E-10	1.30E-10	1.38E-06	4.35E-10	1.27E-10
4598	497863.09, 3859377.25	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
4599	498363.09, 3859377.25	1.51E-06	4.76E-10	1.38E-10	1.49E-06	4.69E-10	1.37E-10	1.44E-06	4.56E-10	1.33E-10
4600	471363.09, 3859877.25	8.51E-08	2.69E-11	7.81E-12	8.40E-08	2.65E-11	7.71E-12	8.16E-08	2.57E-11	7.49E-12
4601	471863.09, 3859877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
4602	472363.09, 3859877.25	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
4603	472863.09, 3859877.25	9.97E-08	3.15E-11	9.15E-12	9.84E-08	3.11E-11	9.03E-12	9.55E-08	3.02E-11	8.77E-12
4604	473363.09, 3859877.25	1.06E-07	3.33E-11	9.69E-12	1.04E-07	3.29E-11	9.56E-12	1.01E-07	3.19E-11	9.29E-12
4605	473863.09, 3859877.25	1.11E-07	3.50E-11	1.02E-11	1.10E-07	3.46E-11	1.01E-11	1.06E-07	3.36E-11	9.77E-12
4606	474363.09, 3859877.25	1.08E-07	3.41E-11	9.92E-12	1.07E-07	3.36E-11	9.79E-12	1.04E-07	3.27E-11	9.50E-12
4607	474863.09, 3859877.25	9.88E-08	3.12E-11	9.07E-12	9.75E-08	3.08E-11	8.95E-12	9.47E-08	2.99E-11	8.69E-12
4608	475363.09, 3859877.25	7.11E-08	2.24E-11	6.52E-12	7.01E-08	2.21E-11	6.44E-12	6.81E-08	2.15E-11	6.25E-12
4609	475863.09, 3859877.25	4.16E-08	1.31E-11	3.82E-12	4.11E-08	1.30E-11	3.77E-12	3.99E-08	1.26E-11	3.66E-12
4610	476363.09, 3859877.25	2.75E-08	8.67E-12	2.52E-12	2.71E-08	8.55E-12	2.49E-12	2.63E-08	8.31E-12	2.42E-12
4611	476863.09, 3859877.25	3.14E-08	9.90E-12	2.88E-12	3.10E-08	9.77E-12	2.84E-12	3.01E-08	9.49E-12	2.76E-12
4612	477363.09, 3859877.25	3.37E-08	1.06E-11	3.09E-12	3.33E-08	1.05E-11	3.05E-12	3.23E-08	1.02E-11	2.97E-12
4613	477863.09, 3859877.25	5.66E-08	1.79E-11	5.20E-12	5.59E-08	1.76E-11	5.13E-12	5.43E-08	1.71E-11	4.98E-12
4614	478363.09, 3859877.25	9.17E-08	2.90E-11	8.42E-12	9.05E-08	2.86E-11	8.31E-12	8.79E-08	2.78E-11	8.07E-12
4615	478863.09, 3859877.25	1.34E-07	4.21E-11	1.23E-11	1.32E-07	4.16E-11	1.21E-11	1.28E-07	4.04E-11	1.17E-11
4616	479363.09, 3859877.25	1.80E-07	5.67E-11	1.65E-11	1.77E-07	5.59E-11	1.63E-11	1.72E-07	5.43E-11	1.58E-11
4617	479863.09, 3859877.25	2.15E-07	6.77E-11	1.97E-11	2.12E-07	6.68E-11	1.94E-11	2.06E-07	6.49E-11	1.89E-11
4618	480363.09, 3859877.25	2.45E-07	7.74E-11	2.25E-11	2.42E-07	7.64E-11	2.22E-11	2.35E-07	7.42E-11	2.16E-11
4619	480863.09, 3859877.25	2.71E-07	8.54E-11	2.48E-11	2.67E-07	8.43E-11	2.45E-11	2.59E-07	8.19E-11	2.38E-11
4620	481363.09, 3859877.25	2.98E-07	9.41E-11	2.74E-11	2.94E-07	9.29E-11	2.70E-11	2.86E-07	9.02E-11	2.62E-11
4621	481863.09, 3859877.25	3.28E-07	1.04E-10	3.01E-11	3.24E-07	1.02E-10	2.97E-11	3.14E-07	9.92E-11	2.89E-11
4622	482363.09, 3859877.25	3.66E-07	1.16E-10	3.36E-11	3.61E-07	1.14E-10	3.32E-11	3.51E-07	1.11E-10	3.22E-11
4623	482863.09, 3859877.25	4.14E-07	1.31E-10	3.80E-11	4.09E-07	1.29E-10	3.75E-11	3.97E-07	1.25E-10	3.64E-11
4624	483363.09, 3859877.25	4.73E-07	1.49E-10	4.35E-11	4.67E-07	1.47E-10	4.29E-11	4.54E-07	1.43E-10	4.16E-11
4625	483863.09, 3859877.25	5.43E-07	1.71E-10	4.98E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.77E-11
4626	484363.09, 3859877.25	6.27E-07	1.98E-10	5.75E-11	6.19E-07	1.95E-10	5.68E-11	6.01E-07	1.90E-10	5.52E-11
4627	484863.09, 3859877.25	7.44E-07	2.35E-10	6.83E-11	7.34E-07	2.32E-10	6.74E-11	7.13E-07	2.25E-10	6.55E-11
4628	485363.09, 3859877.25	8.70E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.88E-11	8.34E-07	2.63E-10	7.66E-11
4629	485863.09, 3859877.25	1.03E-06	3.25E-10	9.46E-11	1.02E-06	3.21E-10	9.34E-11	9.88E-07	3.12E-10	9.07E-11
4630	486363.09, 3859877.25	1.25E-06	3.94E-10	1.15E-10	1.23E-06	3.89E-10	1.13E-10	1.20E-06	3.77E-10	1.10E-10
4631	486863.09, 3859877.25	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.81E-10	1.40E-10	1.48E-06	4.68E-10	1.36E-10
4632	487363.09, 3859877.25	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
4633	487863.09, 3859877.25	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
4634	488363.09, 3859877.25	3.05E-06	9.63E-10	2.80E-10	3.01E-06	9.51E-10	2.77E-10	2.93E-06	9.23E-10	2.69E-10
4635	488863.09, 3859877.25	4.39E-06	1.39E-09	4.03E-10	4.34E-06	1.37E-09	3.98E-10	4.21E-06	1.33E-09	3.86E-10
4636	489363.09, 3859877.25	7.86E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.12E-10	7.53E-06	2.38E-09	6.92E-10
4637	489863.09, 3859877.25	5.44E-06	1.72E-09	4.99E-10	5.37E-06	1.69E-09	4.93E-10	5.21E-06	1.64E-09	4.78E-10
4638	490363.09, 3859877.25	4.82E-06	1.52E-09	4.42E-10	4.76E-06	1.50E-09	4.37E-10	4.62E-06	1.46E-09	4.24E-10
4639	490863.09, 3859877.25	4.95E-06	1.56E-09	4.54E-10	4.88E-06	1.54E-09	4.48E-10	4.74E-06	1.50E-09	4.35E-10
4640	491363.09, 3859877.25	4.53E-06	1.43E-09	4.16E-10	4.47E-06	1.41E-09	4.11E-10	4.34E-06	1.37E-09	3.99E-10
4641	491863.09, 3859877.25	3.85E-06	1.22E-09	3.54E-10	3.80E-06	1.20E-09	3.49E-10	3.69E-06	1.17E-09	3.39E-10
4642	492363.09, 3859877.25	3.46E-06	1.09E-09	3.18E-10	3.42E-06	1.08E-09	3.14E-10	3.32E-06	1.05E-09	3.05E-10
4643	492863.09, 3859877.25	3.13E-06	9.89E-10	2.88E-10	3.09E-06	9.76E-10	2.84E-10	3.00E-06	9.48E-10	2.76E-10
4644	493363.09, 3859877.25	2.88E-06	9.08E-10	2.64E-10	2.84E-06	8.97E-10	2.61E-10	2.76E-06	8.71E-10	2.53E-10
4645	493863.09, 3859877.25	2.65E-06	8.36E-10	2.43E-10	2.61E-06	8.25E-10	2.40E-10	2.54E-06	8.01E-10	2.33E-10
4646	494363.09, 3859877.25	2.39E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.30E-06	7.24E-10	2.11E-10
4647	494863.09, 3859877.25	2.23E-06	7.02E-10	2.04E-10	2.20E-06	6.93E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10
4648	495363.09, 3859877.25	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
4649	495863.09, 3859877.25	1.84E-06	5.79E-10	1.68E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.61E-10
4650	496363.09, 3859877.25	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.78E-10	1.39E-10
4651	496863.09, 3859877.25	1.12E-06	3.54E-10	1.03E-10	1.11E-06	3.49E-10	1.02E-10	1.07E-06	3.39E-10	9.87E-11
4652	497363.09, 3859877.25	1.34E-06	4.24E-10	1.23E-10	1.32E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
4653	497863.09, 3859877.25	1.46E-06	4.60E-10	1.34E-10	1.44E-06	4.54E-10	1.32E-10	1.40E-06	4.41E-10	1.28E-10
4654	498363.09, 3859877.25	1.41E-06	4.46E-10	1.30E-10	1.40E-06	4.41E-10	1.28E-10	1.36E-06	4.28E-10	1.24E-10
4655	471363.09, 3860377.25	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
4656	471863.09, 3860377.25	9.41E-08	2.97E-11	8.64E-12	9.29E-08	2.93E-11	8.52E-12	9.02E-08	2.85E-11	8.28E-12
4657	472363.09, 3860377.25	9.86E-08	3.11E-11	9.06E-12	9.74E-08	3.07E-11	8.94E-12	9.45E-08	2.98E-11	8.68E-12
4658	472863.09, 3860377.25	1.04E-07	3.27E-11	9.52E-12	1.02E-07	3.23E-11	9.40E-12	9.94E-08	3.14E-11	9.13E-12
4659	473363.09, 3860377.25	1.09E-07	3.43E-11	9.98E-12	1.07E-07	3.38E-11	9.85E-12	1.04E-07	3.29E-11	9.56E-12
4660	473863.09, 3860377.25	1.13E-07	3.57E-11	1.04E-11	1.11E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.94E-12
4661	474363.09, 3860377.25	1.15E-07	3.62E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.47E-11	1.01E-11
4662	474863.09, 3860377.25	1.13E-07	3.57E-11	1.04E-11	1.11E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.94E-12
4663	475363.09, 3860377.25	1.04E-07	3.27E-11	9.52E-12	1.02E-07	3.23E-11	9.40E-12	9.94E-08	3.14E-11	9.13E-12
4664	475863.09, 3860377.25	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
4665	476363.09, 3860377.25	7.57E-08	2.39E-11	6.95E-12	7.48E-08	2.36E-11	6.86E-12	7.26E-08	2.29E-11	6.66E-12
4666	476863.09, 3860377.25	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
4667	477363.09, 3860377.25	4.65E-08	1.47E-11	4.27E-12	4.59E-08	1.45E-11	4.21E-12	4.45E-08	1.41E-11	4.09E-12
4668	477863.09, 3860377.25	5.74E-08	1.81E-11	5.27E-12	5.66E-08	1.79E-11	5.20E-12	5.50E-08	1.74E-11	5.05E-12

4669	478363.09, 3860377.25	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
4670	478863.09, 3860377.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.08E-11	1.19E-11	1.26E-07	3.96E-11	1.15E-11
4671	479363.09, 3860377.25	1.73E-07	5.46E-11	1.59E-11	1.71E-07	5.39E-11	1.57E-11	1.66E-07	5.23E-11	1.52E-11
4672	479863.09, 3860377.25	2.11E-07	6.67E-11	1.94E-11	2.08E-07	6.58E-11	1.91E-11	2.02E-07	6.39E-11	1.86E-11
4673	480363.09, 3860377.25	2.41E-07	7.62E-11	2.22E-11	2.38E-07	7.52E-11	2.19E-11	2.31E-07	7.30E-11	2.12E-11
4674	480863.09, 3860377.25	2.69E-07	8.50E-11	2.47E-11	2.66E-07	8.39E-11	2.44E-11	2.58E-07	8.15E-11	2.37E-11
4675	481363.09, 3860377.25	2.99E-07	9.43E-11	2.74E-11	2.95E-07	9.31E-11	2.71E-11	2.86E-07	9.04E-11	2.63E-11
4676	481863.09, 3860377.25	3.34E-07	1.05E-10	3.07E-11	3.30E-07	1.04E-10	3.03E-11	3.20E-07	1.01E-10	2.94E-11
4677	482363.09, 3860377.25	3.73E-07	1.18E-10	3.43E-11	3.68E-07	1.16E-10	3.38E-11	3.58E-07	1.13E-10	3.28E-11
4678	482863.09, 3860377.25	4.20E-07	1.32E-10	3.85E-11	4.14E-07	1.31E-10	3.80E-11	4.02E-07	1.27E-10	3.69E-11
4679	483363.09, 3860377.25	4.84E-07	1.53E-10	4.45E-11	4.78E-07	1.51E-10	4.39E-11	4.64E-07	1.47E-10	4.26E-11
4680	483863.09, 3860377.25	5.60E-07	1.77E-10	5.14E-11	5.52E-07	1.74E-10	5.07E-11	5.36E-07	1.69E-10	4.92E-11
4681	484363.09, 3860377.25	6.22E-07	1.96E-10	5.71E-11	6.14E-07	1.94E-10	5.64E-11	5.96E-07	1.88E-10	5.47E-11
4682	484863.09, 3860377.25	7.02E-07	2.22E-10	6.44E-11	6.93E-07	2.19E-10	6.36E-11	6.73E-07	2.12E-10	6.18E-11
4683	485363.09, 3860377.25	8.13E-07	2.56E-10	7.46E-11	8.02E-07	2.53E-10	7.36E-11	7.79E-07	2.46E-10	7.15E-11
4684	485863.09, 3860377.25	9.40E-07	2.97E-10	8.63E-11	9.28E-07	2.93E-10	8.52E-11	9.01E-07	2.84E-10	8.27E-11
4685	486363.09, 3860377.25	1.06E-06	3.36E-10	9.77E-11	1.05E-06	3.31E-10	9.64E-11	1.02E-06	3.22E-10	9.36E-11
4686	486863.09, 3860377.25	1.22E-06	3.85E-10	1.12E-10	1.20E-06	3.80E-10	1.10E-10	1.17E-06	3.69E-10	1.07E-10
4687	487363.09, 3860377.25	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.28E-10	1.35E-06	4.26E-10	1.24E-10
4688	487863.09, 3860377.25	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10
4689	488363.09, 3860377.25	2.13E-06	6.73E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
4690	488863.09, 3860377.25	2.79E-06	8.81E-10	2.56E-10	2.76E-06	8.70E-10	2.53E-10	2.68E-06	8.45E-10	2.46E-10
4691	489363.09, 3860377.25	5.91E-06	1.86E-09	5.42E-10	5.83E-06	1.84E-09	5.35E-10	5.66E-06	1.79E-09	5.20E-10
4692	489863.09, 3860377.25	3.37E-06	1.06E-09	3.10E-10	3.33E-06	1.05E-09	3.06E-10	3.23E-06	1.02E-09	2.97E-10
4693	490363.09, 3860377.25	2.90E-06	9.15E-10	2.66E-10	2.86E-06	9.03E-10	2.63E-10	2.78E-06	8.77E-10	2.55E-10
4694	490863.09, 3860377.25	2.67E-06	8.41E-10	2.45E-10	2.63E-06	8.30E-10	2.42E-10	2.55E-06	8.06E-10	2.35E-10
4695	491363.09, 3860377.25	2.45E-06	7.72E-10	2.25E-10	2.42E-06	7.62E-10	2.22E-10	2.35E-06	7.40E-10	2.15E-10
4696	491863.09, 3860377.25	2.38E-06	7.50E-10	2.18E-10	2.34E-06	7.40E-10	2.15E-10	2.28E-06	7.18E-10	2.09E-10
4697	492363.09, 3860377.25	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
4698	492863.09, 3860377.25	2.23E-06	7.03E-10	2.04E-10	2.20E-06	6.94E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10
4699	493363.09, 3860377.25	2.13E-06	6.72E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
4700	493863.09, 3860377.25	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
4701	494363.09, 3860377.25	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
4702	494863.09, 3860377.25	1.81E-06	5.72E-10	1.67E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.49E-10	1.60E-10
4703	495363.09, 3860377.25	1.72E-06	5.42E-10	1.58E-10	1.70E-06	5.35E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
4704	495863.09, 3860377.25	1.58E-06	5.00E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.79E-10	1.39E-10
4705	496363.09, 3860377.25	1.41E-06	4.46E-10	1.30E-10	1.39E-06	4.40E-10	1.28E-10	1.35E-06	4.28E-10	1.24E-10
4706	496863.09, 3860377.25	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.93E-10	1.14E-10	1.21E-06	3.81E-10	1.11E-10
4707	497363.09, 3860377.25	1.09E-06	3.43E-10	9.97E-11	1.07E-06	3.38E-10	9.84E-11	1.04E-06	3.28E-10	9.55E-11
4708	497863.09, 3860377.25	1.21E-06	3.83E-10	1.12E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
4709	498363.09, 3860377.25	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.84E-10	1.12E-10	1.18E-06	3.73E-10	1.08E-10
4710	471363.09, 3860877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
4711	471863.09, 3860877.25	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12
4712	472363.09, 3860877.25	9.66E-08	3.05E-11	8.86E-12	9.53E-08	3.01E-11	8.75E-12	9.25E-08	2.92E-11	8.50E-12
4713	472863.09, 3860877.25	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
4714	473363.09, 3860877.25	1.05E-07	3.30E-11	9.61E-12	1.03E-07	3.26E-11	9.48E-12	1.00E-07	3.16E-11	9.21E-12
4715	473863.09, 3860877.25	1.09E-07	3.43E-11	9.96E-12	1.07E-07	3.38E-11	9.83E-12	1.04E-07	3.28E-11	9.55E-12
4716	474363.09, 3860877.25	1.12E-07	3.53E-11	1.03E-11	1.10E-07	3.48E-11	1.01E-11	1.07E-07	3.38E-11	9.84E-12
4717	474863.09, 3860877.25	1.16E-07	3.66E-11	1.06E-11	1.14E-07	3.61E-11	1.05E-11	1.11E-07	3.51E-11	1.02E-11
4718	475363.09, 3860877.25	1.16E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.52E-11	1.02E-11
4719	475863.09, 3860877.25	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.53E-11	1.03E-11	1.09E-07	3.42E-11	9.96E-12
4720	476363.09, 3860877.25	1.06E-07	3.35E-11	9.74E-12	1.05E-07	3.30E-11	9.61E-12	1.02E-07	3.21E-11	9.33E-12
4721	476863.09, 3860877.25	1.05E-07	3.31E-11	9.63E-12	1.04E-07	3.27E-11	9.50E-12	1.01E-07	3.17E-11	9.23E-12
4722	477363.09, 3860877.25	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.41E-11	9.90E-12	1.05E-07	3.31E-11	9.62E-12
4723	477863.09, 3860877.25	9.97E-08	3.15E-11	9.15E-12	9.84E-08	3.11E-11	9.03E-12	9.55E-08	3.02E-11	8.77E-12
4724	478363.09, 3860877.25	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
4725	478863.09, 3860877.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.94E-11	1.15E-11	1.21E-07	3.83E-11	1.11E-11
4726	479363.09, 3860877.25	1.74E-07	5.49E-11	1.60E-11	1.72E-07	5.42E-11	1.58E-11	1.67E-07	5.26E-11	1.53E-11
4727	479863.09, 3860877.25	2.15E-07	6.77E-11	1.97E-11	2.12E-07	6.68E-11	1.94E-11	2.06E-07	6.49E-11	1.89E-11
4728	480363.09, 3860877.25	2.48E-07	7.83E-11	2.28E-11	2.45E-07	7.73E-11	2.25E-11	2.38E-07	7.50E-11	2.18E-11
4729	480863.09, 3860877.25	2.77E-07	8.73E-11	2.54E-11	2.73E-07	8.62E-11	2.51E-11	2.65E-07	8.37E-11	2.43E-11
4730	481363.09, 3860877.25	3.07E-07	9.70E-11	2.82E-11	3.03E-07	9.57E-11	2.79E-11	2.95E-07	9.30E-11	2.70E-11
4731	481863.09, 3860877.25	3.41E-07	1.08E-10	3.13E-11	3.36E-07	1.06E-10	3.09E-11	3.27E-07	1.03E-10	3.00E-11
4732	482363.09, 3860877.25	3.83E-07	1.21E-10	3.52E-11	3.78E-07	1.19E-10	3.47E-11	3.67E-07	1.16E-10	3.37E-11
4733	482863.09, 3860877.25	4.30E-07	1.36E-10	3.95E-11	4.25E-07	1.34E-10	3.90E-11	4.13E-07	1.30E-10	3.79E-11
4734	483363.09, 3860877.25	4.77E-07	1.50E-10	4.37E-11	4.70E-07	1.48E-10	4.32E-11	4.57E-07	1.44E-10	4.19E-11
4735	483863.09, 3860877.25	5.28E-07	1.67E-10	4.85E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.65E-11
4736	484363.09, 3860877.25	5.96E-07	1.88E-10	5.47E-11	5.88E-07	1.86E-10	5.40E-11	5.71E-07	1.80E-10	5.25E-11
4737	484863.09, 3860877.25	6.60E-07	2.08E-10	6.06E-11	6.51E-07	2.05E-10	5.98E-11	6.32E-07	2.00E-10	5.80E-11
4738	485363.09, 3860877.25	7.19E-07	2.27E-10	6.60E-11	7.10E-07	2.24E-10	6.52E-11	6.89E-07	2.18E-10	6.33E-11
4739	485863.09, 3860877.25	7.91E-07	2.50E-10	7.26E-11	7.80E-07	2.46E-10	7.16E-11	7.58E-07	2.39E-10	6.96E-11
4740	486363.09, 3860877.25	8.72E-07	2.75E-10	8.00E-11	8.60E-07	2.72E-10	7.90E-11	8.36E-07	2.64E-10	7.67E-11
4741	486863.09, 3860877.25	9.87E-07	3.12E-10	9.06E-11	9.74E-07	3.08E-10	8.94E-11	9.46E-07	2.99E-10	8.69E-11

4742	487363.09, 3860877.25	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
4743	487863.09, 3860877.25	1.36E-06	4.28E-10	1.25E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
4744	488363.09, 3860877.25	1.65E-06	5.20E-10	1.51E-10	1.63E-06	5.13E-10	1.49E-10	1.58E-06	4.99E-10	1.45E-10
4745	488863.09, 3860877.25	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
4746	489363.09, 3860877.25	4.95E-06	1.56E-09	4.54E-10	4.88E-06	1.54E-09	4.48E-10	4.74E-06	1.50E-09	4.35E-10
4747	489863.09, 3860877.25	2.61E-06	8.24E-10	2.40E-10	2.58E-06	8.13E-10	2.36E-10	2.50E-06	7.89E-10	2.30E-10
4748	490363.09, 3860877.25	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
4749	490863.09, 3860877.25	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
4750	491363.09, 3860877.25	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
4751	491863.09, 3860877.25	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
4752	492363.09, 3860877.25	1.58E-06	4.98E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.77E-10	1.39E-10
4753	492863.09, 3860877.25	1.57E-06	4.94E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
4754	493363.09, 3860877.25	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
4755	493863.09, 3860877.25	1.50E-06	4.74E-10	1.38E-10	1.48E-06	4.68E-10	1.36E-10	1.44E-06	4.54E-10	1.32E-10
4756	494363.09, 3860877.25	1.45E-06	4.56E-10	1.33E-10	1.43E-06	4.50E-10	1.31E-10	1.39E-06	4.37E-10	1.27E-10
4757	494863.09, 3860877.25	1.40E-06	4.43E-10	1.29E-10	1.38E-06	4.37E-10	1.27E-10	1.34E-06	4.24E-10	1.23E-10
4758	495363.09, 3860877.25	1.36E-06	4.28E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
4759	495863.09, 3860877.25	1.30E-06	4.09E-10	1.19E-10	1.28E-06	4.04E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10
4760	496363.09, 3860877.25	1.25E-06	3.96E-10	1.15E-10	1.24E-06	3.91E-10	1.14E-10	1.20E-06	3.79E-10	1.10E-10
4761	496863.09, 3860877.25	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
4762	497363.09, 3860877.25	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.40E-10	9.90E-11
4763	497863.09, 3860877.25	1.07E-06	3.37E-10	9.80E-11	1.05E-06	3.33E-10	9.68E-11	1.02E-06	3.23E-10	9.40E-11
4764	498363.09, 3860877.25	1.05E-06	3.32E-10	9.64E-11	1.04E-06	3.27E-10	9.52E-11	1.01E-06	3.18E-10	9.24E-11
4765	471363.09, 3861377.25	8.59E-08	2.71E-11	7.88E-12	8.48E-08	2.68E-11	7.78E-12	8.23E-08	2.60E-11	7.56E-12
4766	471863.09, 3861377.25	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
4767	472363.09, 3861377.25	9.27E-08	2.92E-11	8.51E-12	9.14E-08	2.89E-11	8.40E-12	8.88E-08	2.80E-11	8.15E-12
4768	472863.09, 3861377.25	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
4769	473363.09, 3861377.25	1.01E-07	3.19E-11	9.28E-12	9.98E-08	3.15E-11	9.16E-12	9.69E-08	3.06E-11	8.90E-12
4770	473863.09, 3861377.25	1.05E-07	3.31E-11	9.63E-12	1.04E-07	3.27E-11	9.50E-12	1.01E-07	3.17E-11	9.23E-12
4771	474363.09, 3861377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.43E-11	9.99E-12	1.06E-07	3.33E-11	9.70E-12
4772	474863.09, 3861377.25	1.14E-07	3.61E-11	1.05E-11	1.13E-07	3.56E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
4773	475363.09, 3861377.25	1.21E-07	3.81E-11	1.11E-11	1.19E-07	3.76E-11	1.09E-11	1.16E-07	3.65E-11	1.06E-11
4774	475863.09, 3861377.25	1.24E-07	3.93E-11	1.14E-11	1.23E-07	3.88E-11	1.13E-11	1.19E-07	3.76E-11	1.09E-11
4775	476363.09, 3861377.25	1.26E-07	3.98E-11	1.16E-11	1.25E-07	3.93E-11	1.14E-11	1.21E-07	3.82E-11	1.11E-11
4776	476863.09, 3861377.25	1.29E-07	4.06E-11	1.18E-11	1.27E-07	4.01E-11	1.17E-11	1.23E-07	3.89E-11	1.13E-11
4777	477363.09, 3861377.25	1.33E-07	4.20E-11	1.22E-11	1.31E-07	4.14E-11	1.21E-11	1.27E-07	4.02E-11	1.17E-11
4778	477863.09, 3861377.25	1.21E-07	3.80E-11	1.11E-11	1.19E-07	3.75E-11	1.09E-11	1.15E-07	3.65E-11	1.06E-11
4779	478363.09, 3861377.25	8.45E-08	2.67E-11	7.75E-12	8.34E-08	2.63E-11	7.65E-12	8.09E-08	2.55E-11	7.43E-12
4780	478863.09, 3861377.25	1.04E-07	3.29E-11	9.58E-12	1.03E-07	3.25E-11	9.46E-12	1.00E-07	3.16E-11	9.18E-12
4781	479363.09, 3861377.25	1.77E-07	5.59E-11	1.63E-11	1.75E-07	5.52E-11	1.60E-11	1.70E-07	5.36E-11	1.56E-11
4782	479863.09, 3861377.25	2.22E-07	6.99E-11	2.03E-11	2.19E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
4783	480363.09, 3861377.25	2.57E-07	8.10E-11	2.36E-11	2.53E-07	7.99E-11	2.33E-11	2.46E-07	7.76E-11	2.26E-11
4784	480863.09, 3861377.25	2.83E-07	8.93E-11	2.60E-11	2.79E-07	8.81E-11	2.56E-11	2.71E-07	8.55E-11	2.49E-11
4785	481363.09, 3861377.25	3.12E-07	9.83E-11	2.86E-11	3.07E-07	9.70E-11	2.82E-11	2.99E-07	9.42E-11	2.74E-11
4786	481863.09, 3861377.25	3.43E-07	1.08E-10	3.15E-11	3.39E-07	1.07E-10	3.11E-11	3.29E-07	1.04E-10	3.02E-11
4787	482363.09, 3861377.25	3.75E-07	1.18E-10	3.44E-11	3.70E-07	1.17E-10	3.40E-11	3.59E-07	1.13E-10	3.30E-11
4788	482863.09, 3861377.25	4.10E-07	1.29E-10	3.76E-11	4.05E-07	1.28E-10	3.72E-11	3.93E-07	1.24E-10	3.61E-11
4789	483363.09, 3861377.25	4.56E-07	1.44E-10	4.18E-11	4.50E-07	1.42E-10	4.13E-11	4.37E-07	1.38E-10	4.01E-11
4790	483863.09, 3861377.25	5.06E-07	1.60E-10	4.64E-11	4.99E-07	1.58E-10	4.58E-11	4.85E-07	1.53E-10	4.45E-11
4791	484363.09, 3861377.25	5.43E-07	1.71E-10	4.99E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.78E-11
4792	484863.09, 3861377.25	5.64E-07	1.78E-10	5.18E-11	5.56E-07	1.76E-10	5.11E-11	5.40E-07	1.71E-10	4.96E-11
4793	485363.09, 3861377.25	5.98E-07	1.89E-10	5.49E-11	5.91E-07	1.86E-10	5.42E-11	5.74E-07	1.81E-10	5.27E-11
4794	485863.09, 3861377.25	6.63E-07	2.09E-10	6.08E-11	6.54E-07	2.06E-10	6.01E-11	6.35E-07	2.00E-10	5.83E-11
4795	486363.09, 3861377.25	7.47E-07	2.36E-10	6.86E-11	7.37E-07	2.33E-10	6.77E-11	7.16E-07	2.26E-10	6.57E-11
4796	486863.09, 3861377.25	8.53E-07	2.69E-10	7.83E-11	8.42E-07	2.66E-10	7.73E-11	8.18E-07	2.58E-10	7.51E-11
4797	487363.09, 3861377.25	9.78E-07	3.09E-10	8.98E-11	9.66E-07	3.05E-10	8.86E-11	9.38E-07	2.96E-10	8.61E-11
4798	487863.09, 3861377.25	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
4799	488363.09, 3861377.25	1.32E-06	4.15E-10	1.21E-10	1.30E-06	4.10E-10	1.19E-10	1.26E-06	3.98E-10	1.16E-10
4800	488863.09, 3861377.25	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
4801	489363.09, 3861377.25	4.81E-06	1.52E-09	4.42E-10	4.75E-06	1.50E-09	4.36E-10	4.61E-06	1.46E-09	4.24E-10
4802	489863.09, 3861377.25	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.09E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
4803	490363.09, 3861377.25	1.78E-06	5.61E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
4804	490863.09, 3861377.25	1.57E-06	4.96E-10	1.44E-10	1.55E-06	4.89E-10	1.42E-10	1.51E-06	4.75E-10	1.38E-10
4805	491363.09, 3861377.25	1.44E-06	4.54E-10	1.32E-10	1.42E-06	4.48E-10	1.30E-10	1.38E-06	4.35E-10	1.27E-10
4806	491863.09, 3861377.25	1.35E-06	4.25E-10	1.23E-10	1.33E-06	4.19E-10	1.22E-10	1.29E-06	4.07E-10	1.18E-10
4807	492363.09, 3861377.25	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
4808	492863.09, 3861377.25	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
4809	493363.09, 3861377.25	1.17E-06	3.70E-10	1.08E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.55E-10	1.03E-10
4810	493863.09, 3861377.25	1.15E-06	3.63E-10	1.05E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
4811	494363.09, 3861377.25	1.12E-06	3.54E-10	1.03E-10	1.11E-06	3.49E-10	1.01E-10	1.07E-06	3.39E-10	9.85E-11
4812	494863.09, 3861377.25	1.09E-06	3.43E-10	9.98E-11	1.07E-06	3.39E-10	9.85E-11	1.04E-06	3.29E-10	9.57E-11
4813	495363.09, 3861377.25	1.05E-06	3.32E-10	9.66E-11	1.04E-06	3.28E-10	9.54E-11	1.01E-06	3.18E-10	9.26E-11
4814	495863.09, 3861377.25	1.02E-06	3.20E-10	9.32E-11	1.00E-06	3.16E-10	9.20E-11	9.73E-07	3.07E-10	8.93E-11

4815	496363.09, 3861377.25	9.98E-07	3.15E-10	9.16E-11	9.85E-07	3.11E-10	9.04E-11	9.57E-07	3.02E-10	8.78E-11
4816	496863.09, 3861377.25	9.87E-07	3.11E-10	9.06E-11	9.74E-07	3.07E-10	8.94E-11	9.46E-07	2.99E-10	8.68E-11
4817	497363.09, 3861377.25	9.52E-07	3.00E-10	8.74E-11	9.40E-07	2.97E-10	8.63E-11	9.12E-07	2.88E-10	8.38E-11
4818	497863.09, 3861377.25	9.17E-07	2.89E-10	8.42E-11	9.05E-07	2.86E-10	8.31E-11	8.79E-07	2.77E-10	8.07E-11
4819	498363.09, 3861377.25	8.88E-07	2.80E-10	8.16E-11	8.77E-07	2.77E-10	8.05E-11	8.51E-07	2.69E-10	7.82E-11
4820	471363.09, 3861877.25	8.39E-08	2.65E-11	7.71E-12	8.28E-08	2.61E-11	7.61E-12	8.04E-08	2.54E-11	7.39E-12
4821	471863.09, 3861877.25	8.73E-08	2.76E-11	8.02E-12	8.62E-08	2.72E-11	7.91E-12	8.37E-08	2.64E-11	7.68E-12
4822	472363.09, 3861877.25	9.10E-08	2.87E-11	8.35E-12	8.98E-08	2.83E-11	8.24E-12	8.72E-08	2.75E-11	8.00E-12
4823	472863.09, 3861877.25	9.50E-08	3.00E-11	8.72E-12	9.38E-08	2.96E-11	8.61E-12	9.10E-08	2.87E-11	8.36E-12
4824	473363.09, 3861877.25	9.94E-08	3.14E-11	9.13E-12	9.81E-08	3.10E-11	9.01E-12	9.53E-08	3.01E-11	8.75E-12
4825	473863.09, 3861877.25	1.04E-07	3.28E-11	9.53E-12	1.02E-07	3.23E-11	9.41E-12	9.95E-08	3.14E-11	9.14E-12
4826	474363.09, 3861877.25	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.40E-11	9.89E-12	1.05E-07	3.30E-11	9.61E-12
4827	474863.09, 3861877.25	1.15E-07	3.63E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
4828	475363.09, 3861877.25	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.17E-07	3.68E-11	1.07E-11
4829	475863.09, 3861877.25	1.30E-07	4.12E-11	1.20E-11	1.29E-07	4.06E-11	1.18E-11	1.25E-07	3.94E-11	1.15E-11
4830	476363.09, 3861877.25	1.39E-07	4.38E-11	1.27E-11	1.37E-07	4.32E-11	1.26E-11	1.33E-07	4.20E-11	1.22E-11
4831	476863.09, 3861877.25	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.41E-11	1.28E-11
4832	477363.09, 3861877.25	1.51E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.58E-11	1.33E-11
4833	477863.09, 3861877.25	1.31E-07	4.12E-11	1.20E-11	1.29E-07	4.07E-11	1.18E-11	1.25E-07	3.95E-11	1.15E-11
4834	478363.09, 3861877.25	7.34E-08	2.32E-11	6.74E-12	7.24E-08	2.29E-11	6.65E-12	7.03E-08	2.22E-11	6.46E-12
4835	478863.09, 3861877.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
4836	479363.09, 3861877.25	1.13E-07	3.57E-11	1.04E-11	1.11E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.94E-12
4837	479863.09, 3861877.25	2.23E-07	7.05E-11	2.05E-11	2.21E-07	6.96E-11	2.02E-11	2.14E-07	6.76E-11	1.97E-11
4838	480363.09, 3861877.25	2.56E-07	8.10E-11	2.35E-11	2.53E-07	7.99E-11	2.32E-11	2.46E-07	7.76E-11	2.26E-11
4839	480863.09, 3861877.25	2.80E-07	8.84E-11	2.57E-11	2.76E-07	8.72E-11	2.54E-11	2.68E-07	8.47E-11	2.46E-11
4840	481363.09, 3861877.25	3.04E-07	9.59E-11	2.79E-11	3.00E-07	9.46E-11	2.75E-11	2.91E-07	9.19E-11	2.67E-11
4841	481863.09, 3861877.25	3.30E-07	1.04E-10	3.02E-11	3.25E-07	1.03E-10	2.99E-11	3.16E-07	9.97E-11	2.90E-11
4842	482363.09, 3861877.25	3.61E-07	1.14E-10	3.31E-11	3.56E-07	1.12E-10	3.27E-11	3.46E-07	1.09E-10	3.18E-11
4843	482863.09, 3861877.25	3.95E-07	1.25E-10	3.62E-11	3.89E-07	1.23E-10	3.58E-11	3.78E-07	1.19E-10	3.47E-11
4844	483363.09, 3861877.25	4.21E-07	1.33E-10	3.86E-11	4.15E-07	1.31E-10	3.81E-11	4.03E-07	1.27E-10	3.70E-11
4845	483863.09, 3861877.25	4.35E-07	1.37E-10	4.00E-11	4.29E-07	1.36E-10	3.94E-11	4.17E-07	1.32E-10	3.83E-11
4846	484363.09, 3861877.25	4.50E-07	1.42E-10	4.13E-11	4.44E-07	1.40E-10	4.08E-11	4.31E-07	1.36E-10	3.96E-11
4847	484863.09, 3861877.25	4.84E-07	1.53E-10	4.44E-11	4.78E-07	1.51E-10	4.39E-11	4.64E-07	1.46E-10	4.26E-11
4848	485363.09, 3861877.25	5.32E-07	1.68E-10	4.89E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
4849	485863.09, 3861877.25	5.88E-07	1.85E-10	5.39E-11	5.80E-07	1.83E-10	5.32E-11	5.63E-07	1.78E-10	5.17E-11
4850	486363.09, 3861877.25	6.61E-07	2.09E-10	6.07E-11	6.53E-07	2.06E-10	5.99E-11	6.34E-07	2.00E-10	5.82E-11
4851	486863.09, 3861877.25	7.42E-07	2.34E-10	6.81E-11	7.32E-07	2.31E-10	6.72E-11	7.11E-07	2.24E-10	6.53E-11
4852	487363.09, 3861877.25	8.52E-07	2.69E-10	7.82E-11	8.41E-07	2.65E-10	7.72E-11	8.17E-07	2.58E-10	7.50E-11
4853	487863.09, 3861877.25	9.74E-07	3.07E-10	8.94E-11	9.61E-07	3.03E-10	8.82E-11	9.33E-07	2.95E-10	8.57E-11
4854	488363.09, 3861877.25	1.14E-06	3.58E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	9.99E-11
4855	488863.09, 3861877.25	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
4856	489363.09, 3861877.25	4.44E-06	1.40E-09	4.08E-10	4.38E-06	1.38E-09	4.02E-10	4.26E-06	1.34E-09	3.91E-10
4857	489863.09, 3861877.25	2.03E-06	6.41E-10	1.87E-10	2.01E-06	6.33E-10	1.84E-10	1.95E-06	6.15E-10	1.79E-10
4858	490363.09, 3861877.25	1.54E-06	4.84E-10	1.41E-10	1.52E-06	4.78E-10	1.39E-10	1.47E-06	4.64E-10	1.35E-10
4859	490863.09, 3861877.25	1.32E-06	4.18E-10	1.21E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
4860	491363.09, 3861877.25	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
4861	491863.09, 3861877.25	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.41E-10	9.91E-11
4862	492363.09, 3861877.25	1.05E-06	3.33E-10	9.68E-11	1.04E-06	3.28E-10	9.55E-11	1.01E-06	3.19E-10	9.28E-11
4863	492863.09, 3861877.25	9.93E-07	3.13E-10	9.12E-11	9.80E-07	3.09E-10	9.00E-11	9.52E-07	3.00E-10	8.74E-11
4864	493363.09, 3861877.25	9.43E-07	2.98E-10	8.66E-11	9.31E-07	2.94E-10	8.55E-11	9.04E-07	2.85E-10	8.30E-11
4865	493863.09, 3861877.25	9.11E-07	2.87E-10	8.36E-11	8.99E-07	2.84E-10	8.25E-11	8.73E-07	2.76E-10	8.01E-11
4866	494363.09, 3861877.25	8.90E-07	2.81E-10	8.17E-11	8.79E-07	2.77E-10	8.07E-11	8.53E-07	2.69E-10	7.83E-11
4867	494863.09, 3861877.25	8.81E-07	2.78E-10	8.08E-11	8.69E-07	2.74E-10	7.98E-11	8.44E-07	2.66E-10	7.75E-11
4868	495363.09, 3861877.25	8.59E-07	2.71E-10	7.88E-11	8.47E-07	2.67E-10	7.78E-11	8.23E-07	2.60E-10	7.55E-11
4869	495863.09, 3861877.25	8.32E-07	2.63E-10	7.64E-11	8.21E-07	2.59E-10	7.54E-11	7.98E-07	2.52E-10	7.32E-11
4870	496363.09, 3861877.25	8.12E-07	2.56E-10	7.45E-11	8.01E-07	2.53E-10	7.35E-11	7.78E-07	2.45E-10	7.14E-11
4871	496863.09, 3861877.25	8.37E-07	2.64E-10	7.69E-11	8.26E-07	2.61E-10	7.59E-11	8.03E-07	2.53E-10	7.37E-11
4872	497363.09, 3861877.25	7.88E-07	2.49E-10	7.23E-11	7.77E-07	2.45E-10	7.14E-11	7.55E-07	2.38E-10	6.93E-11
4873	497863.09, 3861877.25	7.54E-07	2.38E-10	6.92E-11	7.44E-07	2.35E-10	6.83E-11	7.23E-07	2.28E-10	6.63E-11
4874	498363.09, 3861877.25	7.28E-07	2.30E-10	6.68E-11	7.19E-07	2.27E-10	6.60E-11	6.98E-07	2.20E-10	6.41E-11
4875	471363.09, 3862377.25	8.29E-08	2.62E-11	7.61E-12	8.18E-08	2.58E-11	7.51E-12	7.94E-08	2.51E-11	7.29E-12
4876	471863.09, 3862377.25	8.64E-08	2.73E-11	7.93E-12	8.53E-08	2.69E-11	7.83E-12	8.28E-08	2.61E-11	7.60E-12
4877	472363.09, 3862377.25	9.07E-08	2.86E-11	8.33E-12	8.95E-08	2.83E-11	8.22E-12	8.69E-08	2.74E-11	7.98E-12
4878	472863.09, 3862377.25	9.54E-08	3.01E-11	8.76E-12	9.41E-08	2.97E-11	8.64E-12	9.14E-08	2.89E-11	8.39E-12
4879	473363.09, 3862377.25	1.00E-07	3.17E-11	9.22E-12	9.92E-08	3.13E-11	9.10E-12	9.63E-08	3.04E-11	8.84E-12
4880	473863.09, 3862377.25	1.06E-07	3.35E-11	9.75E-12	1.05E-07	3.31E-11	9.62E-12	1.02E-07	3.21E-11	9.34E-12
4881	474363.09, 3862377.25	1.12E-07	3.55E-11	1.03E-11	1.11E-07	3.50E-11	1.02E-11	1.08E-07	3.40E-11	9.89E-12
4882	474863.09, 3862377.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
4883	475363.09, 3862377.25	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.98E-11	1.16E-11	1.22E-07	3.87E-11	1.12E-11
4884	475863.09, 3862377.25	1.37E-07	4.32E-11	1.26E-11	1.35E-07	4.27E-11	1.24E-11	1.31E-07	4.15E-11	1.21E-11
4885	476363.09, 3862377.25	1.46E-07	4.61E-11	1.34E-11	1.44E-07	4.55E-11	1.32E-11	1.40E-07	4.42E-11	1.28E-11
4886	476863.09, 3862377.25	1.55E-07	4.89E-11	1.42E-11	1.53E-07	4.83E-11	1.40E-11	1.49E-07	4.69E-11	1.36E-11
4887	477363.09, 3862377.25	1.62E-07	5.13E-11	1.49E-11	1.60E-07	5.06E-11	1.47E-11	1.56E-07	4.91E-11	1.43E-11

4888	477863.09, 3862377.25	1.50E-07	4.74E-11	1.38E-11	1.48E-07	4.68E-11	1.36E-11	1.44E-07	4.54E-11	1.32E-11
4889	478363.09, 3862377.25	1.26E-07	3.98E-11	1.16E-11	1.25E-07	3.93E-11	1.14E-11	1.21E-07	3.82E-11	1.11E-11
4890	478863.09, 3862377.25	1.33E-07	4.20E-11	1.22E-11	1.31E-07	4.14E-11	1.21E-11	1.27E-07	4.02E-11	1.17E-11
4891	479363.09, 3862377.25	1.59E-07	5.03E-11	1.46E-11	1.57E-07	4.96E-11	1.44E-11	1.53E-07	4.82E-11	1.40E-11
4892	479863.09, 3862377.25	2.24E-07	7.08E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.78E-11	1.97E-11
4893	480363.09, 3862377.25	2.51E-07	7.94E-11	2.31E-11	2.48E-07	7.83E-11	2.28E-11	2.41E-07	7.61E-11	2.21E-11
4894	480863.09, 3862377.25	2.72E-07	8.58E-11	2.50E-11	2.68E-07	8.47E-11	2.46E-11	2.61E-07	8.23E-11	2.39E-11
4895	481363.09, 3862377.25	2.95E-07	9.30E-11	2.71E-11	2.91E-07	9.18E-11	2.67E-11	2.82E-07	8.92E-11	2.59E-11
4896	481863.09, 3862377.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.94E-11	2.89E-11	3.06E-07	9.65E-11	2.81E-11
4897	482363.09, 3862377.25	3.37E-07	1.06E-10	3.10E-11	3.33E-07	1.05E-10	3.06E-11	3.23E-07	1.02E-10	2.97E-11
4898	482863.09, 3862377.25	3.47E-07	1.09E-10	3.18E-11	3.42E-07	1.08E-10	3.14E-11	3.32E-07	1.05E-10	3.05E-11
4899	483363.09, 3862377.25	3.53E-07	1.12E-10	3.24E-11	3.49E-07	1.10E-10	3.20E-11	3.39E-07	1.07E-10	3.11E-11
4900	483863.09, 3862377.25	3.67E-07	1.16E-10	3.37E-11	3.63E-07	1.14E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
4901	484363.09, 3862377.25	3.99E-07	1.26E-10	3.66E-11	3.93E-07	1.24E-10	3.61E-11	3.82E-07	1.21E-10	3.51E-11
4902	484863.09, 3862377.25	4.38E-07	1.38E-10	4.02E-11	4.33E-07	1.37E-10	3.97E-11	4.20E-07	1.33E-10	3.86E-11
4903	485363.09, 3862377.25	4.77E-07	1.51E-10	4.38E-11	4.71E-07	1.49E-10	4.32E-11	4.57E-07	1.44E-10	4.20E-11
4904	485863.09, 3862377.25	5.29E-07	1.67E-10	4.85E-11	5.22E-07	1.65E-10	4.79E-11	5.07E-07	1.60E-10	4.65E-11
4905	486363.09, 3862377.25	5.85E-07	1.85E-10	5.37E-11	5.78E-07	1.82E-10	5.30E-11	5.61E-07	1.77E-10	5.15E-11
4906	486863.09, 3862377.25	6.55E-07	2.07E-10	6.01E-11	6.46E-07	2.04E-10	5.93E-11	6.28E-07	1.98E-10	5.76E-11
4907	487363.09, 3862377.25	7.46E-07	2.36E-10	6.85E-11	7.37E-07	2.33E-10	6.76E-11	7.15E-07	2.26E-10	6.57E-11
4908	487863.09, 3862377.25	8.28E-07	2.61E-10	7.61E-11	8.18E-07	2.58E-10	7.51E-11	7.94E-07	2.51E-10	7.29E-11
4909	488363.09, 3862377.25	1.00E-06	3.16E-10	9.20E-11	9.89E-07	3.12E-10	9.08E-11	9.61E-07	3.03E-10	8.82E-11
4910	488863.09, 3862377.25	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.61E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
4911	489363.09, 3862377.25	4.35E-06	1.37E-09	4.00E-10	4.30E-06	1.36E-09	3.94E-10	4.17E-06	1.32E-09	3.83E-10
4912	489863.09, 3862377.25	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
4913	490363.09, 3862377.25	1.42E-06	4.49E-10	1.31E-10	1.40E-06	4.43E-10	1.29E-10	1.36E-06	4.30E-10	1.25E-10
4914	490863.09, 3862377.25	1.19E-06	3.75E-10	1.09E-10	1.17E-06	3.70E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
4915	491363.09, 3862377.25	1.06E-06	3.34E-10	9.73E-11	1.05E-06	3.30E-10	9.60E-11	1.02E-06	3.21E-10	9.32E-11
4916	491863.09, 3862377.25	9.61E-07	3.03E-10	8.83E-11	9.49E-07	2.99E-10	8.71E-11	9.21E-07	2.91E-10	8.46E-11
4917	492363.09, 3862377.25	9.02E-07	2.85E-10	8.28E-11	8.90E-07	2.81E-10	8.17E-11	8.64E-07	2.73E-10	7.93E-11
4918	492863.09, 3862377.25	8.61E-07	2.72E-10	7.91E-11	8.50E-07	2.68E-10	7.80E-11	8.25E-07	2.61E-10	7.58E-11
4919	493363.09, 3862377.25	8.13E-07	2.56E-10	7.46E-11	8.02E-07	2.53E-10	7.36E-11	7.79E-07	2.46E-10	7.15E-11
4920	493863.09, 3862377.25	7.67E-07	2.42E-10	7.04E-11	7.57E-07	2.39E-10	6.95E-11	7.35E-07	2.32E-10	6.75E-11
4921	494363.09, 3862377.25	7.38E-07	2.33E-10	6.77E-11	7.28E-07	2.30E-10	6.68E-11	7.07E-07	2.23E-10	6.49E-11
4922	494863.09, 3862377.25	7.21E-07	2.28E-10	6.62E-11	7.12E-07	2.25E-10	6.53E-11	6.91E-07	2.18E-10	6.34E-11
4923	495363.09, 3862377.25	7.04E-07	2.22E-10	6.46E-11	6.94E-07	2.19E-10	6.37E-11	6.74E-07	2.13E-10	6.19E-11
4924	495863.09, 3862377.25	6.91E-07	2.18E-10	6.34E-11	6.82E-07	2.15E-10	6.26E-11	6.62E-07	2.09E-10	6.08E-11
4925	496363.09, 3862377.25	6.74E-07	2.13E-10	6.18E-11	6.65E-07	2.10E-10	6.10E-11	6.46E-07	2.04E-10	5.93E-11
4926	496863.09, 3862377.25	6.64E-07	2.10E-10	6.10E-11	6.56E-07	2.07E-10	6.02E-11	6.37E-07	2.01E-10	5.85E-11
4927	497363.09, 3862377.25	6.42E-07	2.03E-10	5.90E-11	6.34E-07	2.00E-10	5.82E-11	6.16E-07	1.94E-10	5.65E-11
4928	497863.09, 3862377.25	6.25E-07	1.97E-10	5.74E-11	6.17E-07	1.95E-10	5.67E-11	5.99E-07	1.89E-10	5.50E-11
4929	498363.09, 3862377.25	6.05E-07	1.91E-10	5.55E-11	5.97E-07	1.88E-10	5.48E-11	5.79E-07	1.83E-10	5.32E-11
4930	471363.09, 3862877.25	8.39E-08	2.65E-11	7.71E-12	8.28E-08	2.61E-11	7.61E-12	8.04E-08	2.54E-11	7.39E-12
4931	471863.09, 3862877.25	8.82E-08	2.78E-11	8.10E-12	8.71E-08	2.75E-11	7.99E-12	8.46E-08	2.67E-11	7.76E-12
4932	472363.09, 3862877.25	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
4933	472863.09, 3862877.25	9.84E-08	3.11E-11	9.03E-12	9.71E-08	3.06E-11	8.91E-12	9.43E-08	2.98E-11	8.66E-12
4934	473363.09, 3862877.25	1.04E-07	3.29E-11	9.57E-12	1.03E-07	3.25E-11	9.44E-12	9.99E-08	3.15E-11	9.17E-12
4935	473863.09, 3862877.25	1.11E-07	3.49E-11	1.02E-11	1.09E-07	3.45E-11	1.00E-11	1.06E-07	3.35E-11	9.73E-12
4936	474363.09, 3862877.25	1.17E-07	3.70E-11	1.08E-11	1.16E-07	3.65E-11	1.06E-11	1.12E-07	3.54E-11	1.03E-11
4937	474863.09, 3862877.25	1.24E-07	3.92E-11	1.14E-11	1.23E-07	3.87E-11	1.13E-11	1.19E-07	3.76E-11	1.09E-11
4938	475363.09, 3862877.25	1.32E-07	4.17E-11	1.21E-11	1.30E-07	4.12E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11
4939	475863.09, 3862877.25	1.40E-07	4.43E-11	1.29E-11	1.38E-07	4.37E-11	1.27E-11	1.34E-07	4.24E-11	1.23E-11
4940	476363.09, 3862877.25	1.48E-07	4.69E-11	1.36E-11	1.47E-07	4.63E-11	1.35E-11	1.42E-07	4.49E-11	1.31E-11
4941	476863.09, 3862877.25	1.56E-07	4.93E-11	1.43E-11	1.54E-07	4.87E-11	1.42E-11	1.50E-07	4.73E-11	1.38E-11
4942	477363.09, 3862877.25	1.63E-07	5.15E-11	1.50E-11	1.61E-07	5.08E-11	1.48E-11	1.56E-07	4.93E-11	1.43E-11
4943	477863.09, 3862877.25	1.62E-07	5.13E-11	1.49E-11	1.60E-07	5.06E-11	1.47E-11	1.56E-07	4.91E-11	1.43E-11
4944	478363.09, 3862877.25	1.43E-07	4.50E-11	1.31E-11	1.41E-07	4.44E-11	1.29E-11	1.37E-07	4.31E-11	1.25E-11
4945	478863.09, 3862877.25	1.53E-07	4.81E-11	1.40E-11	1.51E-07	4.75E-11	1.38E-11	1.46E-07	4.61E-11	1.34E-11
4946	479363.09, 3862877.25	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.58E-07	5.00E-11	1.45E-11
4947	479863.09, 3862877.25	2.27E-07	7.17E-11	2.09E-11	2.24E-07	7.08E-11	2.06E-11	2.18E-07	6.87E-11	2.00E-11
4948	480363.09, 3862877.25	2.47E-07	7.80E-11	2.27E-11	2.44E-07	7.70E-11	2.24E-11	2.37E-07	7.48E-11	2.17E-11
4949	480863.09, 3862877.25	2.65E-07	8.36E-11	2.43E-11	2.61E-07	8.25E-11	2.40E-11	2.54E-07	8.01E-11	2.33E-11
4950	481363.09, 3862877.25	2.78E-07	8.78E-11	2.55E-11	2.75E-07	8.67E-11	2.52E-11	2.67E-07	8.42E-11	2.45E-11
4951	481863.09, 3862877.25	2.85E-07	8.99E-11	2.61E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.61E-11	2.51E-11
4952	482363.09, 3862877.25	2.87E-07	9.06E-11	2.64E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.53E-11
4953	482863.09, 3862877.25	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.82E-07	8.89E-11	2.59E-11
4954	483363.09, 3862877.25	3.10E-07	9.78E-11	2.85E-11	3.06E-07	9.66E-11	2.81E-11	2.97E-07	9.38E-11	2.73E-11
4955	483863.09, 3862877.25	3.37E-07	1.06E-10	3.09E-11	3.32E-07	1.05E-10	3.05E-11	3.23E-07	1.02E-10	2.96E-11
4956	484363.09, 3862877.25	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.34E-11	3.53E-07	1.11E-10	3.24E-11
4957	484863.09, 3862877.25	3.94E-07	1.24E-10	3.62E-11	3.89E-07	1.23E-10	3.57E-11	3.78E-07	1.19E-10	3.47E-11
4958	485363.09, 3862877.25	4.30E-07	1.36E-10	3.94E-11	4.24E-07	1.34E-10	3.89E-11	4.12E-07	1.30E-10	3.78E-11
4959	485863.09, 3862877.25	4.74E-07	1.49E-10	4.35E-11	4.67E-07	1.48E-10	4.29E-11	4.54E-07	1.43E-10	4.17E-11
4960	486363.09, 3862877.25	5.23E-07	1.65E-10	4.80E-11	5.16E-07	1.63E-10	4.74E-11	5.01E-07	1.58E-10	4.60E-11

4961	486863.09, 3862877.25	5.83E-07	1.84E-10	5.35E-11	5.76E-07	1.82E-10	5.28E-11	5.59E-07	1.76E-10	5.13E-11
4962	487363.09, 3862877.25	6.43E-07	2.03E-10	5.90E-11	6.35E-07	2.00E-10	5.83E-11	6.16E-07	1.94E-10	5.66E-11
4963	487863.09, 3862877.25	7.14E-07	2.25E-10	6.55E-11	7.04E-07	2.22E-10	6.47E-11	6.84E-07	2.16E-10	6.28E-11
4964	488363.09, 3862877.25	8.75E-07	2.76E-10	8.04E-11	8.64E-07	2.73E-10	7.93E-11	8.39E-07	2.65E-10	7.70E-11
4965	488863.09, 3862877.25	1.35E-06	4.27E-10	1.24E-10	1.34E-06	4.21E-10	1.23E-10	1.30E-06	4.09E-10	1.19E-10
4966	489363.09, 3862877.25	4.27E-06	1.35E-09	3.92E-10	4.21E-06	1.33E-09	3.86E-10	4.09E-06	1.29E-09	3.75E-10
4967	489863.09, 3862877.25	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
4968	490363.09, 3862877.25	1.28E-06	4.06E-10	1.18E-10	1.27E-06	4.00E-10	1.16E-10	1.23E-06	3.89E-10	1.13E-10
4969	490863.09, 3862877.25	1.04E-06	3.29E-10	9.56E-11	1.03E-06	3.24E-10	9.43E-11	9.98E-07	3.15E-10	9.16E-11
4970	491363.09, 3862877.25	9.20E-07	2.90E-10	8.45E-11	9.08E-07	2.87E-10	8.34E-11	8.82E-07	2.78E-10	8.10E-11
4971	491863.09, 3862877.25	8.21E-07	2.59E-10	7.54E-11	8.11E-07	2.56E-10	7.44E-11	7.87E-07	2.48E-10	7.23E-11
4972	492363.09, 3862877.25	7.64E-07	2.41E-10	7.01E-11	7.54E-07	2.38E-10	6.92E-11	7.32E-07	2.31E-10	6.72E-11
4973	492863.09, 3862877.25	7.23E-07	2.28E-10	6.63E-11	7.13E-07	2.25E-10	6.55E-11	6.93E-07	2.19E-10	6.36E-11
4974	493363.09, 3862877.25	6.98E-07	2.20E-10	6.41E-11	6.89E-07	2.17E-10	6.33E-11	6.69E-07	2.11E-10	6.14E-11
4975	493863.09, 3862877.25	6.68E-07	2.11E-10	6.13E-11	6.59E-07	2.08E-10	6.05E-11	6.40E-07	2.02E-10	5.88E-11
4976	494363.09, 3862877.25	6.33E-07	2.00E-10	5.81E-11	6.25E-07	1.97E-10	5.74E-11	6.07E-07	1.92E-10	5.57E-11
4977	494863.09, 3862877.25	6.04E-07	1.91E-10	5.55E-11	5.96E-07	1.88E-10	5.47E-11	5.79E-07	1.83E-10	5.32E-11
4978	495363.09, 3862877.25	5.88E-07	1.85E-10	5.39E-11	5.80E-07	1.83E-10	5.32E-11	5.63E-07	1.78E-10	5.17E-11
4979	495863.09, 3862877.25	5.77E-07	1.82E-10	5.30E-11	5.70E-07	1.80E-10	5.23E-11	5.53E-07	1.75E-10	5.08E-11
4980	496363.09, 3862877.25	5.70E-07	1.80E-10	5.23E-11	5.62E-07	1.77E-10	5.16E-11	5.46E-07	1.72E-10	5.01E-11
4981	496863.09, 3862877.25	5.61E-07	1.77E-10	5.15E-11	5.54E-07	1.75E-10	5.08E-11	5.38E-07	1.70E-10	4.94E-11
4982	497363.09, 3862877.25	5.47E-07	1.73E-10	5.02E-11	5.40E-07	1.70E-10	4.96E-11	5.24E-07	1.65E-10	4.81E-11
4983	497863.09, 3862877.25	5.34E-07	1.68E-10	4.90E-11	5.27E-07	1.66E-10	4.83E-11	5.11E-07	1.61E-10	4.69E-11
4984	498363.09, 3862877.25	5.23E-07	1.65E-10	4.81E-11	5.17E-07	1.63E-10	4.74E-11	5.02E-07	1.58E-10	4.61E-11
4985	471363.09, 3863377.25	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
4986	471863.09, 3863377.25	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
4987	472363.09, 3863377.25	9.63E-08	3.04E-11	8.84E-12	9.50E-08	3.00E-11	8.73E-12	9.23E-08	2.91E-11	8.47E-12
4988	472863.09, 3863377.25	1.02E-07	3.21E-11	9.34E-12	1.00E-07	3.17E-11	9.22E-12	9.75E-08	3.08E-11	8.95E-12
4989	473363.09, 3863377.25	1.07E-07	3.39E-11	9.87E-12	1.06E-07	3.35E-11	9.74E-12	1.03E-07	3.25E-11	9.46E-12
4990	473863.09, 3863377.25	1.13E-07	3.58E-11	1.04E-11	1.12E-07	3.53E-11	1.03E-11	1.09E-07	3.43E-11	9.97E-12
4991	474363.09, 3863377.25	1.19E-07	3.77E-11	1.10E-11	1.18E-07	3.72E-11	1.08E-11	1.14E-07	3.61E-11	1.05E-11
4992	474863.09, 3863377.25	1.26E-07	3.97E-11	1.15E-11	1.24E-07	3.92E-11	1.14E-11	1.20E-07	3.80E-11	1.11E-11
4993	475363.09, 3863377.25	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.11E-11	1.20E-11	1.26E-07	3.99E-11	1.16E-11
4994	475863.09, 3863377.25	1.38E-07	4.36E-11	1.27E-11	1.36E-07	4.30E-11	1.25E-11	1.32E-07	4.18E-11	1.21E-11
4995	476363.09, 3863377.25	1.44E-07	4.56E-11	1.33E-11	1.43E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
4996	476863.09, 3863377.25	1.52E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.59E-11	1.33E-11
4997	477363.09, 3863377.25	1.60E-07	5.05E-11	1.47E-11	1.58E-07	4.99E-11	1.45E-11	1.53E-07	4.84E-11	1.41E-11
4998	477863.09, 3863377.25	1.68E-07	5.29E-11	1.54E-11	1.66E-07	5.23E-11	1.52E-11	1.61E-07	5.07E-11	1.48E-11
4999	478363.09, 3863377.25	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.59E-07	5.00E-11	1.46E-11
5000	478863.09, 3863377.25	1.81E-07	5.72E-11	1.66E-11	1.79E-07	5.65E-11	1.64E-11	1.74E-07	5.48E-11	1.59E-11
5001	479363.09, 3863377.25	2.08E-07	6.58E-11	1.91E-11	2.06E-07	6.49E-11	1.89E-11	2.00E-07	6.30E-11	1.83E-11
5002	479863.09, 3863377.25	2.25E-07	7.09E-11	2.06E-11	2.22E-07	7.00E-11	2.04E-11	2.15E-07	6.79E-11	1.98E-11
5003	480363.09, 3863377.25	2.35E-07	7.40E-11	2.15E-11	2.31E-07	7.30E-11	2.12E-11	2.25E-07	7.09E-11	2.06E-11
5004	480863.09, 3863377.25	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
5005	481363.09, 3863377.25	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
5006	481863.09, 3863377.25	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
5007	482363.09, 3863377.25	2.51E-07	7.92E-11	2.30E-11	2.48E-07	7.82E-11	2.27E-11	2.41E-07	7.59E-11	2.21E-11
5008	482863.09, 3863377.25	2.67E-07	8.44E-11	2.46E-11	2.64E-07	8.33E-11	2.42E-11	2.56E-07	8.09E-11	2.35E-11
5009	483363.09, 3863377.25	2.90E-07	9.14E-11	2.66E-11	2.86E-07	9.02E-11	2.62E-11	2.78E-07	8.76E-11	2.55E-11
5010	483863.09, 3863377.25	3.13E-07	9.87E-11	2.87E-11	3.09E-07	9.74E-11	2.83E-11	3.00E-07	9.46E-11	2.75E-11
5011	484363.09, 3863377.25	3.32E-07	1.05E-10	3.05E-11	3.28E-07	1.04E-10	3.01E-11	3.19E-07	1.01E-10	2.93E-11
5012	484863.09, 3863377.25	3.58E-07	1.13E-10	3.28E-11	3.53E-07	1.11E-10	3.24E-11	3.43E-07	1.08E-10	3.15E-11
5013	485363.09, 3863377.25	3.90E-07	1.23E-10	3.58E-11	3.85E-07	1.22E-10	3.54E-11	3.74E-07	1.18E-10	3.43E-11
5014	485863.09, 3863377.25	4.26E-07	1.35E-10	3.91E-11	4.21E-07	1.33E-10	3.86E-11	4.09E-07	1.29E-10	3.75E-11
5015	486363.09, 3863377.25	4.68E-07	1.48E-10	4.29E-11	4.61E-07	1.46E-10	4.24E-11	4.48E-07	1.41E-10	4.11E-11
5016	486863.09, 3863377.25	5.12E-07	1.62E-10	4.70E-11	5.06E-07	1.60E-10	4.64E-11	4.91E-07	1.55E-10	4.51E-11
5017	487363.09, 3863377.25	5.45E-07	1.72E-10	5.01E-11	5.38E-07	1.70E-10	4.94E-11	5.23E-07	1.65E-10	4.80E-11
5018	487863.09, 3863377.25	6.09E-07	1.92E-10	5.59E-11	6.01E-07	1.90E-10	5.52E-11	5.84E-07	1.84E-10	5.36E-11
5019	488363.09, 3863377.25	7.19E-07	2.27E-10	6.60E-11	7.10E-07	2.24E-10	6.52E-11	6.89E-07	2.18E-10	6.33E-11
5020	488863.09, 3863377.25	1.09E-06	3.44E-10	1.00E-10	1.08E-06	3.39E-10	9.87E-11	1.04E-06	3.30E-10	9.59E-11
5021	489363.09, 3863377.25	3.91E-06	1.24E-09	3.59E-10	3.86E-06	1.22E-09	3.55E-10	3.75E-06	1.18E-09	3.44E-10
5022	489863.09, 3863377.25	1.39E-06	4.40E-10	1.28E-10	1.38E-06	4.34E-10	1.26E-10	1.34E-06	4.22E-10	1.23E-10
5023	490363.09, 3863377.25	9.90E-07	3.13E-10	9.09E-11	9.78E-07	3.09E-10	8.97E-11	9.49E-07	3.00E-10	8.71E-11
5024	490863.09, 3863377.25	8.18E-07	2.58E-10	7.51E-11	8.07E-07	2.55E-10	7.41E-11	7.84E-07	2.47E-10	7.20E-11
5025	491363.09, 3863377.25	7.21E-07	2.28E-10	6.62E-11	7.11E-07	2.25E-10	6.53E-11	6.91E-07	2.18E-10	6.34E-11
5026	491863.09, 3863377.25	6.65E-07	2.10E-10	6.11E-11	6.57E-07	2.07E-10	6.03E-11	6.38E-07	2.01E-10	5.85E-11
5027	492363.09, 3863377.25	6.34E-07	2.00E-10	5.82E-11	6.26E-07	1.98E-10	5.75E-11	6.08E-07	1.92E-10	5.58E-11
5028	492863.09, 3863377.25	6.21E-07	1.96E-10	5.70E-11	6.13E-07	1.93E-10	5.62E-11	5.95E-07	1.88E-10	5.46E-11
5029	493363.09, 3863377.25	6.01E-07	1.90E-10	5.52E-11	5.94E-07	1.87E-10	5.45E-11	5.76E-07	1.82E-10	5.29E-11
5030	493863.09, 3863377.25	5.87E-07	1.85E-10	5.39E-11	5.80E-07	1.83E-10	5.32E-11	5.63E-07	1.78E-10	5.17E-11
5031	494363.09, 3863377.25	5.63E-07	1.78E-10	5.17E-11	5.56E-07	1.75E-10	5.10E-11	5.40E-07	1.70E-10	4.95E-11
5032	494863.09, 3863377.25	5.41E-07	1.71E-10	4.97E-11	5.34E-07	1.69E-10	4.90E-11	5.19E-07	1.64E-10	4.76E-11
5033	495363.09, 3863377.25	5.28E-07	1.67E-10	4.85E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.64E-11

5034	495863.09, 3863377.25	5.18E-07	1.64E-10	4.76E-11	5.11E-07	1.61E-10	4.69E-11	4.97E-07	1.57E-10	4.56E-11
5035	496363.09, 3863377.25	4.90E-07	1.55E-10	4.49E-11	4.83E-07	1.52E-10	4.44E-11	4.69E-07	1.48E-10	4.31E-11
5036	496863.09, 3863377.25	4.72E-07	1.49E-10	4.33E-11	4.66E-07	1.47E-10	4.28E-11	4.52E-07	1.43E-10	4.15E-11
5037	497363.09, 3863377.25	4.68E-07	1.48E-10	4.29E-11	4.61E-07	1.46E-10	4.24E-11	4.48E-07	1.41E-10	4.11E-11
5038	497863.09, 3863377.25	4.63E-07	1.46E-10	4.25E-11	4.57E-07	1.44E-10	4.20E-11	4.44E-07	1.40E-10	4.07E-11
5039	498363.09, 3863377.25	4.55E-07	1.44E-10	4.17E-11	4.49E-07	1.42E-10	4.12E-11	4.36E-07	1.38E-10	4.00E-11
5040	471363.09, 3863877.25	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
5041	471863.09, 3863877.25	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
5042	472363.09, 3863877.25	9.85E-08	3.11E-11	9.04E-12	9.72E-08	3.07E-11	8.93E-12	9.44E-08	2.98E-11	8.67E-12
5043	472863.09, 3863877.25	1.03E-07	3.26E-11	9.49E-12	1.02E-07	3.22E-11	9.36E-12	9.90E-08	3.13E-11	9.09E-12
5044	473363.09, 3863877.25	1.08E-07	3.41E-11	9.93E-12	1.07E-07	3.37E-11	9.80E-12	1.04E-07	3.27E-11	9.51E-12
5045	473863.09, 3863877.25	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.95E-12
5046	474363.09, 3863877.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.56E-11	1.04E-11
5047	474863.09, 3863877.25	1.23E-07	3.87E-11	1.13E-11	1.21E-07	3.82E-11	1.11E-11	1.17E-07	3.71E-11	1.08E-11
5048	475363.09, 3863877.25	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.98E-11	1.16E-11	1.22E-07	3.87E-11	1.12E-11
5049	475863.09, 3863877.25	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.17E-11	1.21E-11	1.28E-07	4.05E-11	1.18E-11
5050	476363.09, 3863877.25	1.41E-07	4.45E-11	1.30E-11	1.39E-07	4.39E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
5051	476863.09, 3863877.25	1.50E-07	4.74E-11	1.38E-11	1.48E-07	4.67E-11	1.36E-11	1.44E-07	4.54E-11	1.32E-11
5052	477363.09, 3863877.25	1.60E-07	5.05E-11	1.47E-11	1.58E-07	4.98E-11	1.45E-11	1.53E-07	4.84E-11	1.41E-11
5053	477863.09, 3863877.25	1.70E-07	5.37E-11	1.56E-11	1.68E-07	5.30E-11	1.54E-11	1.63E-07	5.15E-11	1.50E-11
5054	478363.09, 3863877.25	1.78E-07	5.60E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
5055	478863.09, 3863877.25	1.94E-07	6.13E-11	1.78E-11	1.92E-07	6.05E-11	1.76E-11	1.86E-07	5.88E-11	1.71E-11
5056	479363.09, 3863877.25	2.02E-07	6.36E-11	1.85E-11	1.99E-07	6.28E-11	1.83E-11	1.93E-07	6.10E-11	1.77E-11
5057	479863.09, 3863877.25	2.05E-07	6.47E-11	1.88E-11	2.02E-07	6.38E-11	1.86E-11	1.96E-07	6.20E-11	1.80E-11
5058	480363.09, 3863877.25	2.04E-07	6.45E-11	1.88E-11	2.02E-07	6.36E-11	1.85E-11	1.96E-07	6.18E-11	1.80E-11
5059	480863.09, 3863877.25	2.05E-07	6.46E-11	1.88E-11	2.02E-07	6.37E-11	1.85E-11	1.96E-07	6.19E-11	1.80E-11
5060	481363.09, 3863877.25	2.09E-07	6.60E-11	1.92E-11	2.07E-07	6.52E-11	1.90E-11	2.01E-07	6.33E-11	1.84E-11
5061	481863.09, 3863877.25	2.20E-07	6.94E-11	2.02E-11	2.17E-07	6.85E-11	1.99E-11	2.11E-07	6.65E-11	1.94E-11
5062	482363.09, 3863877.25	2.35E-07	7.43E-11	2.16E-11	2.32E-07	7.33E-11	2.13E-11	2.25E-07	7.12E-11	2.07E-11
5063	482863.09, 3863877.25	2.52E-07	7.96E-11	2.32E-11	2.49E-07	7.86E-11	2.29E-11	2.42E-07	7.63E-11	2.22E-11
5064	483363.09, 3863877.25	2.69E-07	8.49E-11	2.47E-11	2.65E-07	8.38E-11	2.44E-11	2.58E-07	8.14E-11	2.37E-11
5065	483863.09, 3863877.25	2.85E-07	8.98E-11	2.61E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.61E-11	2.50E-11
5066	484363.09, 3863877.25	3.02E-07	9.53E-11	2.77E-11	2.98E-07	9.41E-11	2.74E-11	2.89E-07	9.14E-11	2.66E-11
5067	484863.09, 3863877.25	3.28E-07	1.04E-10	3.02E-11	3.24E-07	1.02E-10	2.98E-11	3.15E-07	9.94E-11	2.89E-11
5068	485363.09, 3863877.25	3.57E-07	1.13E-10	3.28E-11	3.52E-07	1.11E-10	3.24E-11	3.42E-07	1.08E-10	3.14E-11
5069	485863.09, 3863877.25	3.87E-07	1.22E-10	3.55E-11	3.82E-07	1.21E-10	3.51E-11	3.71E-07	1.17E-10	3.41E-11
5070	486363.09, 3863877.25	4.17E-07	1.32E-10	3.83E-11	4.11E-07	1.30E-10	3.78E-11	3.99E-07	1.26E-10	3.67E-11
5071	486863.09, 3863877.25	4.42E-07	1.39E-10	4.06E-11	4.36E-07	1.38E-10	4.00E-11	4.23E-07	1.34E-10	3.89E-11
5072	487363.09, 3863877.25	4.65E-07	1.47E-10	4.27E-11	4.59E-07	1.45E-10	4.22E-11	4.46E-07	1.41E-10	4.09E-11
5073	487863.09, 3863877.25	5.11E-07	1.61E-10	4.69E-11	5.04E-07	1.59E-10	4.63E-11	4.90E-07	1.55E-10	4.49E-11
5074	488363.09, 3863877.25	5.51E-07	1.74E-10	5.06E-11	5.44E-07	1.72E-10	4.99E-11	5.28E-07	1.67E-10	4.85E-11
5075	488863.09, 3863877.25	6.08E-07	1.92E-10	5.58E-11	6.00E-07	1.89E-10	5.51E-11	5.82E-07	1.84E-10	5.35E-11
5076	489363.09, 3863877.25	5.97E-07	1.88E-10	5.48E-11	5.89E-07	1.86E-10	5.41E-11	5.72E-07	1.81E-10	5.25E-11
5077	489863.09, 3863877.25	6.06E-07	1.91E-10	5.57E-11	5.99E-07	1.89E-10	5.49E-11	5.81E-07	1.83E-10	5.34E-11
5078	490363.09, 3863877.25	5.97E-07	1.89E-10	5.48E-11	5.90E-07	1.86E-10	5.41E-11	5.73E-07	1.81E-10	5.26E-11
5079	490863.09, 3863877.25	5.68E-07	1.79E-10	5.22E-11	5.61E-07	1.77E-10	5.15E-11	5.45E-07	1.72E-10	5.00E-11
5080	491363.09, 3863877.25	5.38E-07	1.70E-10	4.94E-11	5.31E-07	1.68E-10	4.87E-11	5.16E-07	1.63E-10	4.73E-11
5081	491863.09, 3863877.25	5.32E-07	1.68E-10	4.88E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
5082	492363.09, 3863877.25	5.10E-07	1.61E-10	4.68E-11	5.03E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
5083	492863.09, 3863877.25	4.79E-07	1.51E-10	4.40E-11	4.73E-07	1.49E-10	4.34E-11	4.59E-07	1.45E-10	4.21E-11
5084	493363.09, 3863877.25	4.78E-07	1.51E-10	4.38E-11	4.71E-07	1.49E-10	4.33E-11	4.58E-07	1.44E-10	4.20E-11
5085	493863.09, 3863877.25	4.75E-07	1.50E-10	4.36E-11	4.69E-07	1.48E-10	4.30E-11	4.55E-07	1.44E-10	4.18E-11
5086	494363.09, 3863877.25	4.82E-07	1.52E-10	4.43E-11	4.76E-07	1.50E-10	4.37E-11	4.62E-07	1.46E-10	4.24E-11
5087	494863.09, 3863877.25	4.71E-07	1.49E-10	4.32E-11	4.64E-07	1.47E-10	4.26E-11	4.51E-07	1.42E-10	4.14E-11
5088	495363.09, 3863877.25	4.56E-07	1.44E-10	4.19E-11	4.50E-07	1.42E-10	4.13E-11	4.37E-07	1.38E-10	4.01E-11
5089	495863.09, 3863877.25	4.45E-07	1.40E-10	4.08E-11	4.39E-07	1.39E-10	4.03E-11	4.26E-07	1.35E-10	3.91E-11
5090	496363.09, 3863877.25	4.33E-07	1.37E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.15E-07	1.31E-10	3.81E-11
5091	496863.09, 3863877.25	4.18E-07	1.32E-10	3.84E-11	4.12E-07	1.30E-10	3.79E-11	4.00E-07	1.26E-10	3.68E-11
5092	497363.09, 3863877.25	4.07E-07	1.29E-10	3.74E-11	4.02E-07	1.27E-10	3.69E-11	3.90E-07	1.23E-10	3.58E-11
5093	497863.09, 3863877.25	4.02E-07	1.27E-10	3.69E-11	3.97E-07	1.25E-10	3.64E-11	3.85E-07	1.22E-10	3.54E-11
5094	498363.09, 3863877.25	3.97E-07	1.25E-10	3.64E-11	3.91E-07	1.24E-10	3.59E-11	3.80E-07	1.20E-10	3.49E-11
5095	471363.09, 3864377.25	9.06E-08	2.86E-11	8.31E-12	8.94E-08	2.82E-11	8.21E-12	8.68E-08	2.74E-11	7.97E-12
5096	471863.09, 3864377.25	9.45E-08	2.98E-11	8.67E-12	9.32E-08	2.94E-11	8.56E-12	9.05E-08	2.86E-11	8.31E-12
5097	472363.09, 3864377.25	9.84E-08	3.11E-11	9.03E-12	9.71E-08	3.06E-11	8.91E-12	9.43E-08	2.98E-11	8.66E-12
5098	472863.09, 3864377.25	1.02E-07	3.22E-11	9.38E-12	1.01E-07	3.18E-11	9.26E-12	9.79E-08	3.09E-11	8.99E-12
5099	473363.09, 3864377.25	1.06E-07	3.34E-11	9.71E-12	1.04E-07	3.30E-11	9.59E-12	1.01E-07	3.20E-11	9.31E-12
5100	473863.09, 3864377.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.42E-11	9.94E-12	1.05E-07	3.32E-11	9.65E-12
5101	474363.09, 3864377.25	1.14E-07	3.60E-11	1.05E-11	1.13E-07	3.55E-11	1.03E-11	1.09E-07	3.45E-11	1.00E-11
5102	474863.09, 3864377.25	1.19E-07	3.76E-11	1.09E-11	1.18E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
5103	475363.09, 3864377.25	1.25E-07	3.96E-11	1.15E-11	1.24E-07	3.90E-11	1.14E-11	1.20E-07	3.79E-11	1.10E-11
5104	475863.09, 3864377.25	1.33E-07	4.19E-11	1.22E-11	1.31E-07	4.13E-11	1.20E-11	1.27E-07	4.01E-11	1.17E-11
5105	476363.09, 3864377.25	1.41E-07	4.46E-11	1.30E-11	1.39E-07	4.40E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
5106	476863.09, 3864377.25	1.51E-07	4.76E-11	1.38E-11	1.49E-07	4.70E-11	1.37E-11	1.45E-07	4.56E-11	1.33E-11

5107	477363.09, 3864377.25	1.61E-07	5.07E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.86E-11	1.41E-11
5108	477863.09, 3864377.25	1.70E-07	5.35E-11	1.56E-11	1.67E-07	5.28E-11	1.54E-11	1.63E-07	5.13E-11	1.49E-11
5109	478363.09, 3864377.25	1.76E-07	5.55E-11	1.61E-11	1.74E-07	5.48E-11	1.59E-11	1.68E-07	5.32E-11	1.55E-11
5110	478863.09, 3864377.25	1.78E-07	5.63E-11	1.64E-11	1.76E-07	5.55E-11	1.62E-11	1.71E-07	5.39E-11	1.57E-11
5111	479363.09, 3864377.25	1.77E-07	5.60E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
5112	479863.09, 3864377.25	1.76E-07	5.57E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.34E-11	1.55E-11
5113	480363.09, 3864377.25	1.79E-07	5.64E-11	1.64E-11	1.76E-07	5.56E-11	1.62E-11	1.71E-07	5.40E-11	1.57E-11
5114	480863.09, 3864377.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
5115	481363.09, 3864377.25	1.96E-07	6.18E-11	1.80E-11	1.93E-07	6.10E-11	1.77E-11	1.88E-07	5.92E-11	1.72E-11
5116	481863.09, 3864377.25	2.08E-07	6.58E-11	1.91E-11	2.06E-07	6.49E-11	1.89E-11	2.00E-07	6.31E-11	1.83E-11
5117	482363.09, 3864377.25	2.21E-07	6.99E-11	2.03E-11	2.19E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
5118	482863.09, 3864377.25	2.34E-07	7.38E-11	2.15E-11	2.31E-07	7.29E-11	2.12E-11	2.24E-07	7.08E-11	2.06E-11
5119	483363.09, 3864377.25	2.46E-07	7.75E-11	2.25E-11	2.42E-07	7.65E-11	2.22E-11	2.35E-07	7.43E-11	2.16E-11
5120	483863.09, 3864377.25	2.59E-07	8.17E-11	2.38E-11	2.56E-07	8.07E-11	2.35E-11	2.48E-07	7.83E-11	2.28E-11
5121	484363.09, 3864377.25	2.80E-07	8.82E-11	2.57E-11	2.76E-07	8.71E-11	2.53E-11	2.68E-07	8.46E-11	2.46E-11
5122	484863.09, 3864377.25	3.03E-07	9.55E-11	2.78E-11	2.99E-07	9.43E-11	2.74E-11	2.90E-07	9.16E-11	2.66E-11
5123	485363.09, 3864377.25	3.26E-07	1.03E-10	2.99E-11	3.21E-07	1.01E-10	2.95E-11	3.12E-07	9.85E-11	2.86E-11
5124	485863.09, 3864377.25	3.48E-07	1.10E-10	3.20E-11	3.44E-07	1.09E-10	3.16E-11	3.34E-07	1.05E-10	3.07E-11
5125	486363.09, 3864377.25	3.67E-07	1.16E-10	3.37E-11	3.62E-07	1.14E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
5126	486863.09, 3864377.25	3.83E-07	1.21E-10	3.51E-11	3.78E-07	1.19E-10	3.47E-11	3.67E-07	1.16E-10	3.37E-11
5127	487363.09, 3864377.25	3.99E-07	1.26E-10	3.67E-11	3.94E-07	1.24E-10	3.62E-11	3.83E-07	1.21E-10	3.51E-11
5128	487863.09, 3864377.25	4.25E-07	1.34E-10	3.90E-11	4.20E-07	1.32E-10	3.85E-11	4.08E-07	1.29E-10	3.74E-11
5129	488363.09, 3864377.25	4.36E-07	1.38E-10	4.00E-11	4.31E-07	1.36E-10	3.95E-11	4.18E-07	1.32E-10	3.84E-11
5130	488863.09, 3864377.25	4.41E-07	1.39E-10	4.05E-11	4.35E-07	1.37E-10	3.99E-11	4.23E-07	1.33E-10	3.88E-11
5131	489363.09, 3864377.25	4.26E-07	1.35E-10	3.91E-11	4.21E-07	1.33E-10	3.86E-11	4.09E-07	1.29E-10	3.75E-11
5132	489863.09, 3864377.25	4.30E-07	1.36E-10	3.95E-11	4.25E-07	1.34E-10	3.90E-11	4.12E-07	1.30E-10	3.79E-11
5133	490363.09, 3864377.25	4.33E-07	1.37E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.15E-07	1.31E-10	3.81E-11
5134	490863.09, 3864377.25	4.30E-07	1.36E-10	3.95E-11	4.25E-07	1.34E-10	3.90E-11	4.12E-07	1.30E-10	3.79E-11
5135	491363.09, 3864377.25	4.25E-07	1.34E-10	3.90E-11	4.20E-07	1.32E-10	3.85E-11	4.08E-07	1.29E-10	3.74E-11
5136	491863.09, 3864377.25	1.81E-07	5.71E-11	1.66E-11	1.79E-07	5.63E-11	1.64E-11	1.73E-07	5.47E-11	1.59E-11
5137	492363.09, 3864377.25	3.41E-07	1.07E-10	3.13E-11	3.36E-07	1.06E-10	3.09E-11	3.26E-07	1.03E-10	3.00E-11
5138	492863.09, 3864377.25	2.26E-07	7.13E-11	2.08E-11	2.23E-07	7.04E-11	2.05E-11	2.17E-07	6.84E-11	1.99E-11
5139	493363.09, 3864377.25	3.27E-07	1.03E-10	3.00E-11	3.22E-07	1.02E-10	2.96E-11	3.13E-07	9.88E-11	2.87E-11
5140	493863.09, 3864377.25	3.72E-07	1.17E-10	3.41E-11	3.67E-07	1.16E-10	3.37E-11	3.56E-07	1.12E-10	3.27E-11
5141	494363.09, 3864377.25	3.87E-07	1.22E-10	3.56E-11	3.82E-07	1.21E-10	3.51E-11	3.71E-07	1.17E-10	3.41E-11
5142	494863.09, 3864377.25	4.03E-07	1.27E-10	3.70E-11	3.98E-07	1.26E-10	3.65E-11	3.87E-07	1.22E-10	3.55E-11
5143	495363.09, 3864377.25	3.99E-07	1.26E-10	3.67E-11	3.94E-07	1.24E-10	3.62E-11	3.83E-07	1.21E-10	3.51E-11
5144	495863.09, 3864377.25	3.89E-07	1.23E-10	3.57E-11	3.84E-07	1.21E-10	3.52E-11	3.72E-07	1.18E-10	3.42E-11
5145	496363.09, 3864377.25	3.79E-07	1.20E-10	3.48E-11	3.75E-07	1.18E-10	3.44E-11	3.64E-07	1.15E-10	3.34E-11
5146	496863.09, 3864377.25	3.72E-07	1.17E-10	3.41E-11	3.67E-07	1.16E-10	3.37E-11	3.56E-07	1.12E-10	3.27E-11
5147	497363.09, 3864377.25	3.62E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.28E-11	3.47E-07	1.10E-10	3.19E-11
5148	497863.09, 3864377.25	3.59E-07	1.13E-10	3.30E-11	3.54E-07	1.12E-10	3.25E-11	3.44E-07	1.09E-10	3.16E-11
5149	498363.09, 3864377.25	3.49E-07	1.10E-10	3.20E-11	3.44E-07	1.09E-10	3.16E-11	3.34E-07	1.06E-10	3.07E-11
5150	471363.09, 3864877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
5151	471863.09, 3864877.25	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
5152	472363.09, 3864877.25	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
5153	472863.09, 3864877.25	9.86E-08	3.11E-11	9.06E-12	9.74E-08	3.07E-11	8.94E-12	9.45E-08	2.98E-11	8.68E-12
5154	473363.09, 3864877.25	1.02E-07	3.23E-11	9.40E-12	1.01E-07	3.19E-11	9.28E-12	9.82E-08	3.10E-11	9.01E-12
5155	473863.09, 3864877.25	1.07E-07	3.37E-11	9.80E-12	1.05E-07	3.32E-11	9.67E-12	1.02E-07	3.23E-11	9.39E-12
5156	474363.09, 3864877.25	1.12E-07	3.54E-11	1.03E-11	1.11E-07	3.49E-11	1.02E-11	1.07E-07	3.39E-11	9.86E-12
5157	474863.09, 3864877.25	1.18E-07	3.73E-11	1.09E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.58E-11	1.04E-11
5158	475363.09, 3864877.25	1.26E-07	3.97E-11	1.15E-11	1.24E-07	3.92E-11	1.14E-11	1.20E-07	3.80E-11	1.11E-11
5159	475863.09, 3864877.25	1.34E-07	4.22E-11	1.23E-11	1.32E-07	4.17E-11	1.21E-11	1.28E-07	4.05E-11	1.18E-11
5160	476363.09, 3864877.25	1.42E-07	4.49E-11	1.30E-11	1.40E-07	4.43E-11	1.29E-11	1.36E-07	4.30E-11	1.25E-11
5161	476863.09, 3864877.25	1.50E-07	4.73E-11	1.38E-11	1.48E-07	4.67E-11	1.36E-11	1.44E-07	4.53E-11	1.32E-11
5162	477363.09, 3864877.25	1.55E-07	4.88E-11	1.42E-11	1.53E-07	4.82E-11	1.40E-11	1.48E-07	4.68E-11	1.36E-11
5163	477863.09, 3864877.25	1.57E-07	4.94E-11	1.44E-11	1.55E-07	4.88E-11	1.42E-11	1.50E-07	4.74E-11	1.38E-11
5164	478363.09, 3864877.25	1.56E-07	4.91E-11	1.43E-11	1.54E-07	4.85E-11	1.41E-11	1.49E-07	4.71E-11	1.37E-11
5165	478863.09, 3864877.25	1.54E-07	4.87E-11	1.42E-11	1.52E-07	4.80E-11	1.40E-11	1.48E-07	4.66E-11	1.36E-11
5166	479363.09, 3864877.25	1.54E-07	4.87E-11	1.42E-11	1.52E-07	4.81E-11	1.40E-11	1.48E-07	4.67E-11	1.36E-11
5167	479863.09, 3864877.25	1.58E-07	5.00E-11	1.45E-11	1.56E-07	4.93E-11	1.43E-11	1.52E-07	4.79E-11	1.39E-11
5168	480363.09, 3864877.25	1.67E-07	5.26E-11	1.53E-11	1.64E-07	5.19E-11	1.51E-11	1.60E-07	5.04E-11	1.47E-11
5169	480863.09, 3864877.25	1.76E-07	5.56E-11	1.62E-11	1.74E-07	5.49E-11	1.60E-11	1.69E-07	5.33E-11	1.55E-11
5170	481363.09, 3864877.25	1.86E-07	5.88E-11	1.71E-11	1.84E-07	5.80E-11	1.69E-11	1.78E-07	5.63E-11	1.64E-11
5171	481863.09, 3864877.25	1.96E-07	6.18E-11	1.80E-11	1.93E-07	6.10E-11	1.77E-11	1.88E-07	5.92E-11	1.72E-11
5172	482363.09, 3864877.25	2.05E-07	6.48E-11	1.89E-11	2.03E-07	6.40E-11	1.86E-11	1.97E-07	6.21E-11	1.81E-11
5173	482863.09, 3864877.25	2.15E-07	6.78E-11	1.97E-11	2.12E-07	6.69E-11	1.95E-11	2.06E-07	6.50E-11	1.89E-11
5174	483363.09, 3864877.25	2.25E-07	7.11E-11	2.07E-11	2.22E-07	7.02E-11	2.04E-11	2.16E-07	6.81E-11	1.98E-11
5175	483863.09, 3864877.25	2.41E-07	7.60E-11	2.21E-11	2.38E-07	7.50E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
5176	484363.09, 3864877.25	2.61E-07	8.23E-11	2.39E-11	2.57E-07	8.12E-11	2.36E-11	2.50E-07	7.88E-11	2.29E-11
5177	484863.09, 3864877.25	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.70E-11	2.53E-11	2.68E-07	8.44E-11	2.46E-11
5178	485363.09, 3864877.25	2.98E-07	9.40E-11	2.73E-11	2.94E-07	9.27E-11	2.70E-11	2.85E-07	9.01E-11	2.62E-11
5179	485863.09, 3864877.25	3.11E-07	9.81E-11	2.85E-11	3.07E-07	9.68E-11	2.82E-11	2.98E-07	9.40E-11	2.73E-11

5180	486363.09, 3864877.25	3.23E-07	1.02E-10	2.96E-11	3.18E-07	1.00E-10	2.92E-11	3.09E-07	9.76E-11	2.84E-11
5181	486863.09, 3864877.25	3.32E-07	1.05E-10	3.05E-11	3.28E-07	1.04E-10	3.01E-11	3.19E-07	1.01E-10	2.93E-11
5182	487363.09, 3864877.25	3.47E-07	1.09E-10	3.18E-11	3.42E-07	1.08E-10	3.14E-11	3.32E-07	1.05E-10	3.05E-11
5183	487863.09, 3864877.25	3.63E-07	1.15E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11
5184	488363.09, 3864877.25	3.62E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.28E-11	3.46E-07	1.09E-10	3.18E-11
5185	488863.09, 3864877.25	3.61E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.27E-11	3.46E-07	1.09E-10	3.18E-11
5186	489363.09, 3864877.25	3.52E-07	1.11E-10	3.24E-11	3.48E-07	1.10E-10	3.19E-11	3.38E-07	1.07E-10	3.10E-11
5187	489863.09, 3864877.25	3.51E-07	1.11E-10	3.23E-11	3.47E-07	1.09E-10	3.18E-11	3.37E-07	1.06E-10	3.09E-11
5188	490363.09, 3864877.25	3.54E-07	1.12E-10	3.25E-11	3.49E-07	1.10E-10	3.21E-11	3.39E-07	1.07E-10	3.11E-11
5189	490863.09, 3864877.25	3.38E-07	1.07E-10	3.10E-11	3.34E-07	1.05E-10	3.06E-11	3.24E-07	1.02E-10	2.98E-11
5190	491363.09, 3864877.25	3.52E-07	1.11E-10	3.23E-11	3.47E-07	1.10E-10	3.19E-11	3.37E-07	1.06E-10	3.09E-11
5191	491863.09, 3864877.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
5192	492363.09, 3864877.25	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
5193	492863.09, 3864877.25	1.37E-07	4.34E-11	1.26E-11	1.36E-07	4.28E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5194	493363.09, 3864877.25	1.33E-07	4.21E-11	1.22E-11	1.32E-07	4.16E-11	1.21E-11	1.28E-07	4.03E-11	1.17E-11
5195	493863.09, 3864877.25	2.94E-07	9.29E-11	2.70E-11	2.91E-07	9.17E-11	2.67E-11	2.82E-07	8.90E-11	2.59E-11
5196	494363.09, 3864877.25	3.25E-07	1.03E-10	2.98E-11	3.21E-07	1.01E-10	2.94E-11	3.11E-07	9.83E-11	2.86E-11
5197	494863.09, 3864877.25	3.31E-07	1.04E-10	3.03E-11	3.26E-07	1.03E-10	2.99E-11	3.17E-07	1.00E-10	2.91E-11
5198	495363.09, 3864877.25	3.44E-07	1.09E-10	3.16E-11	3.40E-07	1.07E-10	3.12E-11	3.30E-07	1.04E-10	3.03E-11
5199	495863.09, 3864877.25	3.42E-07	1.08E-10	3.14E-11	3.37E-07	1.06E-10	3.10E-11	3.27E-07	1.03E-10	3.01E-11
5200	496363.09, 3864877.25	3.36E-07	1.06E-10	3.08E-11	3.31E-07	1.05E-10	3.04E-11	3.22E-07	1.02E-10	2.96E-11
5201	496863.09, 3864877.25	3.28E-07	1.04E-10	3.02E-11	3.24E-07	1.02E-10	2.98E-11	3.15E-07	9.94E-11	2.89E-11
5202	497363.09, 3864877.25	3.22E-07	1.02E-10	2.96E-11	3.18E-07	1.00E-10	2.92E-11	3.09E-07	9.75E-11	2.84E-11
5203	497863.09, 3864877.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
5204	498363.09, 3864877.25	3.11E-07	9.82E-11	2.86E-11	3.07E-07	9.69E-11	2.82E-11	2.98E-07	9.41E-11	2.74E-11
5205	471363.09, 3865377.25	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
5206	471863.09, 3865377.25	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
5207	472363.09, 3865377.25	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
5208	472863.09, 3865377.25	9.63E-08	3.04E-11	8.84E-12	9.50E-08	3.00E-11	8.73E-12	9.23E-08	2.91E-11	8.47E-12
5209	473363.09, 3865377.25	1.01E-07	3.19E-11	9.27E-12	9.97E-08	3.15E-11	9.15E-12	9.68E-08	3.05E-11	8.89E-12
5210	473863.09, 3865377.25	1.06E-07	3.36E-11	9.76E-12	1.05E-07	3.31E-11	9.63E-12	1.02E-07	3.22E-11	9.35E-12
5211	474363.09, 3865377.25	1.13E-07	3.56E-11	1.03E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.41E-11	9.92E-12
5212	474863.09, 3865377.25	1.20E-07	3.78E-11	1.10E-11	1.18E-07	3.73E-11	1.09E-11	1.15E-07	3.63E-11	1.05E-11
5213	475363.09, 3865377.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.95E-11	1.15E-11	1.21E-07	3.83E-11	1.12E-11
5214	475863.09, 3865377.25	1.33E-07	4.20E-11	1.22E-11	1.31E-07	4.14E-11	1.21E-11	1.27E-07	4.02E-11	1.17E-11
5215	476363.09, 3865377.25	1.38E-07	4.37E-11	1.27E-11	1.37E-07	4.31E-11	1.25E-11	1.33E-07	4.18E-11	1.22E-11
5216	476863.09, 3865377.25	1.38E-07	4.35E-11	1.26E-11	1.36E-07	4.29E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5217	477363.09, 3865377.25	1.39E-07	4.39E-11	1.28E-11	1.37E-07	4.33E-11	1.26E-11	1.33E-07	4.21E-11	1.22E-11
5218	477863.09, 3865377.25	1.37E-07	4.32E-11	1.26E-11	1.35E-07	4.26E-11	1.24E-11	1.31E-07	4.14E-11	1.20E-11
5219	478363.09, 3865377.25	1.36E-07	4.30E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.31E-07	4.12E-11	1.20E-11
5220	478863.09, 3865377.25	1.38E-07	4.36E-11	1.27E-11	1.36E-07	4.30E-11	1.25E-11	1.32E-07	4.18E-11	1.21E-11
5221	479363.09, 3865377.25	1.43E-07	4.53E-11	1.32E-11	1.42E-07	4.47E-11	1.30E-11	1.37E-07	4.34E-11	1.26E-11
5222	479863.09, 3865377.25	1.51E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.58E-11	1.33E-11
5223	480363.09, 3865377.25	1.60E-07	5.04E-11	1.46E-11	1.57E-07	4.97E-11	1.45E-11	1.53E-07	4.83E-11	1.40E-11
5224	480863.09, 3865377.25	1.67E-07	5.28E-11	1.54E-11	1.65E-07	5.21E-11	1.52E-11	1.60E-07	5.06E-11	1.47E-11
5225	481363.09, 3865377.25	1.75E-07	5.51E-11	1.60E-11	1.72E-07	5.44E-11	1.58E-11	1.67E-07	5.28E-11	1.54E-11
5226	481863.09, 3865377.25	1.82E-07	5.74E-11	1.67E-11	1.79E-07	5.66E-11	1.65E-11	1.74E-07	5.50E-11	1.60E-11
5227	482363.09, 3865377.25	1.89E-07	5.98E-11	1.74E-11	1.87E-07	5.90E-11	1.72E-11	1.81E-07	5.73E-11	1.67E-11
5228	482863.09, 3865377.25	1.98E-07	6.24E-11	1.82E-11	1.95E-07	6.16E-11	1.79E-11	1.90E-07	5.98E-11	1.74E-11
5229	483363.09, 3865377.25	2.10E-07	6.64E-11	1.93E-11	2.08E-07	6.55E-11	1.91E-11	2.02E-07	6.36E-11	1.85E-11
5230	483863.09, 3865377.25	2.26E-07	7.15E-11	2.08E-11	2.23E-07	7.05E-11	2.05E-11	2.17E-07	6.85E-11	1.99E-11
5231	484363.09, 3865377.25	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
5232	484863.09, 3865377.25	2.57E-07	8.12E-11	2.36E-11	2.54E-07	8.01E-11	2.33E-11	2.46E-07	7.78E-11	2.26E-11
5233	485363.09, 3865377.25	2.69E-07	8.49E-11	2.47E-11	2.65E-07	8.37E-11	2.44E-11	2.58E-07	8.13E-11	2.37E-11
5234	485863.09, 3865377.25	2.76E-07	8.72E-11	2.54E-11	2.73E-07	8.61E-11	2.50E-11	2.65E-07	8.36E-11	2.43E-11
5235	486363.09, 3865377.25	2.87E-07	9.07E-11	2.64E-11	2.84E-07	8.95E-11	2.60E-11	2.75E-07	8.69E-11	2.53E-11
5236	486863.09, 3865377.25	2.94E-07	9.28E-11	2.70E-11	2.90E-07	9.16E-11	2.66E-11	2.82E-07	8.90E-11	2.59E-11
5237	487363.09, 3865377.25	3.07E-07	9.69E-11	2.82E-11	3.03E-07	9.56E-11	2.78E-11	2.94E-07	9.29E-11	2.70E-11
5238	487863.09, 3865377.25	3.13E-07	9.88E-11	2.87E-11	3.09E-07	9.75E-11	2.84E-11	3.00E-07	9.47E-11	2.75E-11
5239	488363.09, 3865377.25	3.09E-07	9.75E-11	2.84E-11	3.05E-07	9.62E-11	2.80E-11	2.96E-07	9.35E-11	2.72E-11
5240	488863.09, 3865377.25	3.11E-07	9.80E-11	2.85E-11	3.07E-07	9.68E-11	2.81E-11	2.98E-07	9.40E-11	2.73E-11
5241	489363.09, 3865377.25	3.05E-07	9.63E-11	2.80E-11	3.01E-07	9.51E-11	2.76E-11	2.92E-07	9.23E-11	2.68E-11
5242	489863.09, 3865377.25	3.03E-07	9.58E-11	2.79E-11	3.00E-07	9.45E-11	2.75E-11	2.91E-07	9.18E-11	2.67E-11
5243	490363.09, 3865377.25	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.81E-07	8.88E-11	2.58E-11
5244	490863.09, 3865377.25	2.89E-07	9.13E-11	2.65E-11	2.85E-07	9.01E-11	2.62E-11	2.77E-07	8.75E-11	2.54E-11
5245	491363.09, 3865377.25	2.77E-07	8.76E-11	2.55E-11	2.74E-07	8.64E-11	2.51E-11	2.66E-07	8.39E-11	2.44E-11
5246	491863.09, 3865377.25	2.74E-07	8.65E-11	2.52E-11	2.70E-07	8.54E-11	2.48E-11	2.63E-07	8.29E-11	2.41E-11
5247	492363.09, 3865377.25	2.18E-07	6.87E-11	2.00E-11	2.15E-07	6.78E-11	1.97E-11	2.09E-07	6.59E-11	1.92E-11
5248	492863.09, 3865377.25	1.60E-07	5.04E-11	1.47E-11	1.58E-07	4.98E-11	1.45E-11	1.53E-07	4.83E-11	1.41E-11
5249	493363.09, 3865377.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
5250	493863.09, 3865377.25	1.99E-07	6.27E-11	1.82E-11	1.96E-07	6.19E-11	1.80E-11	1.90E-07	6.01E-11	1.75E-11
5251	494363.09, 3865377.25	2.65E-07	8.38E-11	2.44E-11	2.62E-07	8.27E-11	2.41E-11	2.54E-07	8.03E-11	2.34E-11
5252	494863.09, 3865377.25	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.70E-11	2.53E-11	2.68E-07	8.44E-11	2.46E-11

5253	495363.09, 3865377.25	2.85E-07	9.01E-11	2.62E-11	2.82E-07	8.89E-11	2.59E-11	2.74E-07	8.63E-11	2.51E-11
5254	495863.09, 3865377.25	3.00E-07	9.46E-11	2.75E-11	2.96E-07	9.34E-11	2.72E-11	2.87E-07	9.07E-11	2.64E-11
5255	496363.09, 3865377.25	2.99E-07	9.42E-11	2.74E-11	2.95E-07	9.30E-11	2.70E-11	2.86E-07	9.03E-11	2.63E-11
5256	496863.09, 3865377.25	2.92E-07	9.22E-11	2.68E-11	2.88E-07	9.10E-11	2.65E-11	2.80E-07	8.84E-11	2.57E-11
5257	497363.09, 3865377.25	2.87E-07	9.07E-11	2.64E-11	2.84E-07	8.95E-11	2.60E-11	2.75E-07	8.69E-11	2.53E-11
5258	497863.09, 3865377.25	2.83E-07	8.93E-11	2.60E-11	2.79E-07	8.81E-11	2.56E-11	2.71E-07	8.56E-11	2.49E-11
5259	498363.09, 3865377.25	2.80E-07	8.85E-11	2.57E-11	2.77E-07	8.74E-11	2.54E-11	2.69E-07	8.48E-11	2.47E-11
5260	471363.09, 3865877.25	8.42E-08	2.66E-11	7.73E-12	8.31E-08	2.62E-11	7.63E-12	8.07E-08	2.55E-11	7.41E-12
5261	471863.09, 3865877.25	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
5262	472363.09, 3865877.25	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12
5263	472863.09, 3865877.25	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
5264	473363.09, 3865877.25	1.02E-07	3.22E-11	9.37E-12	1.01E-07	3.18E-11	9.24E-12	9.78E-08	3.09E-11	8.98E-12
5265	473863.09, 3865877.25	1.08E-07	3.41E-11	9.93E-12	1.07E-07	3.37E-11	9.80E-12	1.04E-07	3.27E-11	9.51E-12
5266	474363.09, 3865877.25	1.14E-07	3.61E-11	1.05E-11	1.13E-07	3.56E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
5267	474863.09, 3865877.25	1.20E-07	3.78E-11	1.10E-11	1.18E-07	3.73E-11	1.08E-11	1.15E-07	3.62E-11	1.05E-11
5268	475363.09, 3865877.25	1.23E-07	3.89E-11	1.13E-11	1.22E-07	3.84E-11	1.12E-11	1.18E-07	3.73E-11	1.08E-11
5269	475863.09, 3865877.25	1.25E-07	3.94E-11	1.15E-11	1.23E-07	3.89E-11	1.13E-11	1.20E-07	3.78E-11	1.10E-11
5270	476363.09, 3865877.25	1.24E-07	3.92E-11	1.14E-11	1.23E-07	3.87E-11	1.12E-11	1.19E-07	3.76E-11	1.09E-11
5271	476863.09, 3865877.25	1.18E-07	3.73E-11	1.09E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.58E-11	1.04E-11
5272	477363.09, 3865877.25	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.17E-07	3.68E-11	1.07E-11
5273	477863.09, 3865877.25	1.23E-07	3.87E-11	1.13E-11	1.21E-07	3.82E-11	1.11E-11	1.17E-07	3.71E-11	1.08E-11
5274	478363.09, 3865877.25	1.26E-07	3.97E-11	1.16E-11	1.24E-07	3.92E-11	1.14E-11	1.21E-07	3.81E-11	1.11E-11
5275	478863.09, 3865877.25	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.10E-11	1.19E-11	1.26E-07	3.98E-11	1.16E-11
5276	479363.09, 3865877.25	1.39E-07	4.38E-11	1.27E-11	1.37E-07	4.33E-11	1.26E-11	1.33E-07	4.20E-11	1.22E-11
5277	479863.09, 3865877.25	1.45E-07	4.59E-11	1.34E-11	1.44E-07	4.53E-11	1.32E-11	1.39E-07	4.40E-11	1.28E-11
5278	480363.09, 3865877.25	1.51E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.58E-11	1.33E-11
5279	480863.09, 3865877.25	1.57E-07	4.96E-11	1.44E-11	1.55E-07	4.89E-11	1.42E-11	1.51E-07	4.75E-11	1.38E-11
5280	481363.09, 3865877.25	1.63E-07	5.13E-11	1.49E-11	1.60E-07	5.06E-11	1.47E-11	1.56E-07	4.92E-11	1.43E-11
5281	481863.09, 3865877.25	1.68E-07	5.31E-11	1.54E-11	1.66E-07	5.24E-11	1.52E-11	1.61E-07	5.09E-11	1.48E-11
5282	482363.09, 3865877.25	1.75E-07	5.53E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.30E-11	1.54E-11
5283	482863.09, 3865877.25	1.85E-07	5.85E-11	1.70E-11	1.83E-07	5.77E-11	1.68E-11	1.78E-07	5.61E-11	1.63E-11
5284	483363.09, 3865877.25	1.99E-07	6.28E-11	1.83E-11	1.97E-07	6.20E-11	1.80E-11	1.91E-07	6.02E-11	1.75E-11
5285	483863.09, 3865877.25	2.12E-07	6.70E-11	1.95E-11	2.10E-07	6.62E-11	1.92E-11	2.04E-07	6.42E-11	1.87E-11
5286	484363.09, 3865877.25	2.25E-07	7.09E-11	2.06E-11	2.22E-07	7.00E-11	2.04E-11	2.15E-07	6.80E-11	1.98E-11
5287	484863.09, 3865877.25	2.35E-07	7.42E-11	2.16E-11	2.32E-07	7.32E-11	2.13E-11	2.25E-07	7.11E-11	2.07E-11
5288	485363.09, 3865877.25	2.42E-07	7.62E-11	2.22E-11	2.38E-07	7.52E-11	2.19E-11	2.31E-07	7.31E-11	2.13E-11
5289	485863.09, 3865877.25	2.50E-07	7.89E-11	2.30E-11	2.47E-07	7.79E-11	2.27E-11	2.40E-07	7.57E-11	2.20E-11
5290	486363.09, 3865877.25	2.58E-07	8.13E-11	2.36E-11	2.54E-07	8.02E-11	2.33E-11	2.47E-07	7.79E-11	2.27E-11
5291	486863.09, 3865877.25	2.63E-07	8.30E-11	2.41E-11	2.60E-07	8.19E-11	2.38E-11	2.52E-07	7.96E-11	2.31E-11
5292	487363.09, 3865877.25	2.73E-07	8.62E-11	2.51E-11	2.69E-07	8.50E-11	2.47E-11	2.62E-07	8.26E-11	2.40E-11
5293	487863.09, 3865877.25	2.74E-07	8.64E-11	2.51E-11	2.70E-07	8.52E-11	2.48E-11	2.62E-07	8.28E-11	2.41E-11
5294	488363.09, 3865877.25	2.71E-07	8.56E-11	2.49E-11	2.68E-07	8.45E-11	2.46E-11	2.60E-07	8.21E-11	2.39E-11
5295	488863.09, 3865877.25	2.75E-07	8.67E-11	2.52E-11	2.71E-07	8.55E-11	2.49E-11	2.63E-07	8.31E-11	2.42E-11
5296	489363.09, 3865877.25	2.70E-07	8.51E-11	2.48E-11	2.66E-07	8.40E-11	2.44E-11	2.59E-07	8.16E-11	2.37E-11
5297	489863.09, 3865877.25	2.65E-07	8.36E-11	2.43E-11	2.61E-07	8.25E-11	2.40E-11	2.54E-07	8.01E-11	2.33E-11
5298	490363.09, 3865877.25	2.68E-07	8.45E-11	2.46E-11	2.64E-07	8.34E-11	2.43E-11	2.57E-07	8.10E-11	2.36E-11
5299	490863.09, 3865877.25	2.62E-07	8.27E-11	2.40E-11	2.59E-07	8.16E-11	2.37E-11	2.51E-07	7.92E-11	2.30E-11
5300	491363.09, 3865877.25	2.43E-07	7.66E-11	2.23E-11	2.39E-07	7.56E-11	2.20E-11	2.32E-07	7.34E-11	2.13E-11
5301	491863.09, 3865877.25	2.34E-07	7.38E-11	2.15E-11	2.31E-07	7.28E-11	2.12E-11	2.24E-07	7.07E-11	2.06E-11
5302	492363.09, 3865877.25	2.16E-07	6.83E-11	1.99E-11	2.14E-07	6.74E-11	1.96E-11	2.07E-07	6.55E-11	1.90E-11
5303	492863.09, 3865877.25	1.58E-07	4.98E-11	1.45E-11	1.56E-07	4.92E-11	1.43E-11	1.51E-07	4.77E-11	1.39E-11
5304	493363.09, 3865877.25	1.59E-07	5.01E-11	1.46E-11	1.57E-07	4.95E-11	1.44E-11	1.52E-07	4.80E-11	1.40E-11
5305	493863.09, 3865877.25	1.87E-07	5.91E-11	1.72E-11	1.85E-07	5.84E-11	1.70E-11	1.80E-07	5.67E-11	1.65E-11
5306	494363.09, 3865877.25	2.24E-07	7.08E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.78E-11	1.97E-11
5307	494863.09, 3865877.25	2.55E-07	8.03E-11	2.34E-11	2.51E-07	7.93E-11	2.31E-11	2.44E-07	7.70E-11	2.24E-11
5308	495363.09, 3865877.25	2.51E-07	7.92E-11	2.30E-11	2.48E-07	7.82E-11	2.27E-11	2.41E-07	7.59E-11	2.21E-11
5309	495863.09, 3865877.25	2.50E-07	7.89E-11	2.29E-11	2.47E-07	7.79E-11	2.27E-11	2.40E-07	7.56E-11	2.20E-11
5310	496363.09, 3865877.25	2.57E-07	8.11E-11	2.36E-11	2.54E-07	8.01E-11	2.33E-11	2.46E-07	7.77E-11	2.26E-11
5311	496863.09, 3865877.25	2.54E-07	8.01E-11	2.33E-11	2.50E-07	7.90E-11	2.30E-11	2.43E-07	7.68E-11	2.23E-11
5312	497363.09, 3865877.25	2.56E-07	8.09E-11	2.35E-11	2.53E-07	7.99E-11	2.32E-11	2.46E-07	7.75E-11	2.26E-11
5313	497863.09, 3865877.25	2.53E-07	7.98E-11	2.32E-11	2.50E-07	7.88E-11	2.29E-11	2.42E-07	7.65E-11	2.23E-11
5314	498363.09, 3865877.25	2.44E-07	7.71E-11	2.24E-11	2.41E-07	7.61E-11	2.21E-11	2.34E-07	7.39E-11	2.15E-11
5315	471363.09, 3866377.25	8.38E-08	2.65E-11	7.69E-12	8.27E-08	2.61E-11	7.59E-12	8.03E-08	2.54E-11	7.37E-12
5316	471863.09, 3866377.25	8.82E-08	2.78E-11	8.10E-12	8.71E-08	2.75E-11	7.99E-12	8.46E-08	2.67E-11	7.76E-12
5317	472363.09, 3866377.25	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
5318	472863.09, 3866377.25	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
5319	473363.09, 3866377.25	1.04E-07	3.27E-11	9.52E-12	1.02E-07	3.23E-11	9.40E-12	9.94E-08	3.14E-11	9.13E-12
5320	473863.09, 3866377.25	1.08E-07	3.41E-11	9.93E-12	1.07E-07	3.37E-11	9.80E-12	1.04E-07	3.27E-11	9.51E-12
5321	474363.09, 3866377.25	1.11E-07	3.51E-11	1.02E-11	1.10E-07	3.47E-11	1.01E-11	1.07E-07	3.37E-11	9.79E-12
5322	474863.09, 3866377.25	1.13E-07	3.55E-11	1.03E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.40E-11	9.90E-12
5323	475363.09, 3866377.25	1.12E-07	3.53E-11	1.03E-11	1.10E-07	3.49E-11	1.01E-11	1.07E-07	3.39E-11	9.85E-12
5324	475863.09, 3866377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.44E-11	1.00E-11	1.06E-07	3.34E-11	9.71E-12
5325	476363.09, 3866377.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.41E-11	9.93E-12	1.05E-07	3.31E-11	9.64E-12

5326	476863.09, 3866377.25	1.04E-07	3.27E-11	9.51E-12	1.02E-07	3.23E-11	9.39E-12	9.93E-08	3.13E-11	9.11E-12
5327	477363.09, 3866377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.44E-11	1.00E-11	1.06E-07	3.34E-11	9.71E-12
5328	477863.09, 3866377.25	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
5329	478363.09, 3866377.25	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.10E-11	1.17E-07	3.69E-11	1.07E-11
5330	478863.09, 3866377.25	1.28E-07	4.04E-11	1.18E-11	1.26E-07	3.99E-11	1.16E-11	1.23E-07	3.87E-11	1.13E-11
5331	479363.09, 3866377.25	1.34E-07	4.22E-11	1.23E-11	1.32E-07	4.16E-11	1.21E-11	1.28E-07	4.04E-11	1.18E-11
5332	479863.09, 3866377.25	1.39E-07	4.38E-11	1.27E-11	1.37E-07	4.32E-11	1.26E-11	1.33E-07	4.20E-11	1.22E-11
5333	480363.09, 3866377.25	1.43E-07	4.52E-11	1.31E-11	1.41E-07	4.46E-11	1.30E-11	1.37E-07	4.33E-11	1.26E-11
5334	480863.09, 3866377.25	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
5335	481363.09, 3866377.25	1.52E-07	4.79E-11	1.39E-11	1.50E-07	4.73E-11	1.37E-11	1.45E-07	4.59E-11	1.34E-11
5336	481863.09, 3866377.25	1.57E-07	4.96E-11	1.44E-11	1.55E-07	4.89E-11	1.42E-11	1.51E-07	4.75E-11	1.38E-11
5337	482363.09, 3866377.25	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.58E-07	5.00E-11	1.45E-11
5338	482863.09, 3866377.25	1.77E-07	5.58E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.35E-11	1.55E-11
5339	483363.09, 3866377.25	1.88E-07	5.93E-11	1.73E-11	1.86E-07	5.86E-11	1.70E-11	1.80E-07	5.69E-11	1.65E-11
5340	483863.09, 3866377.25	1.98E-07	6.25E-11	1.82E-11	1.95E-07	6.17E-11	1.79E-11	1.90E-07	5.99E-11	1.74E-11
5341	484363.09, 3866377.25	2.08E-07	6.55E-11	1.91E-11	2.05E-07	6.47E-11	1.88E-11	1.99E-07	6.28E-11	1.83E-11
5342	484863.09, 3866377.25	2.15E-07	6.79E-11	1.97E-11	2.12E-07	6.70E-11	1.95E-11	2.06E-07	6.50E-11	1.89E-11
5343	485363.09, 3866377.25	2.20E-07	6.95E-11	2.02E-11	2.17E-07	6.85E-11	1.99E-11	2.11E-07	6.66E-11	1.94E-11
5344	485863.09, 3866377.25	2.27E-07	7.17E-11	2.09E-11	2.24E-07	7.08E-11	2.06E-11	2.18E-07	6.87E-11	2.00E-11
5345	486363.09, 3866377.25	2.32E-07	7.31E-11	2.13E-11	2.29E-07	7.22E-11	2.10E-11	2.22E-07	7.01E-11	2.04E-11
5346	486863.09, 3866377.25	2.38E-07	7.51E-11	2.18E-11	2.35E-07	7.41E-11	2.16E-11	2.28E-07	7.20E-11	2.09E-11
5347	487363.09, 3866377.25	2.48E-07	7.84E-11	2.28E-11	2.45E-07	7.74E-11	2.25E-11	2.38E-07	7.51E-11	2.19E-11
5348	487863.09, 3866377.25	2.46E-07	7.77E-11	2.26E-11	2.43E-07	7.67E-11	2.23E-11	2.36E-07	7.44E-11	2.17E-11
5349	488363.09, 3866377.25	2.47E-07	7.81E-11	2.27E-11	2.44E-07	7.71E-11	2.24E-11	2.37E-07	7.48E-11	2.18E-11
5350	488863.09, 3866377.25	2.46E-07	7.78E-11	2.26E-11	2.43E-07	7.67E-11	2.23E-11	2.36E-07	7.45E-11	2.17E-11
5351	489363.09, 3866377.25	2.35E-07	7.41E-11	2.16E-11	2.32E-07	7.32E-11	2.13E-11	2.25E-07	7.11E-11	2.07E-11
5352	489863.09, 3866377.25	2.16E-07	6.81E-11	1.98E-11	2.13E-07	6.72E-11	1.95E-11	2.07E-07	6.52E-11	1.90E-11
5353	490363.09, 3866377.25	2.38E-07	7.50E-11	2.18E-11	2.35E-07	7.41E-11	2.15E-11	2.28E-07	7.19E-11	2.09E-11
5354	490863.09, 3866377.25	2.41E-07	7.59E-11	2.21E-11	2.37E-07	7.50E-11	2.18E-11	2.31E-07	7.28E-11	2.12E-11
5355	491363.09, 3866377.25	2.38E-07	7.50E-11	2.18E-11	2.35E-07	7.40E-11	2.15E-11	2.28E-07	7.19E-11	2.09E-11
5356	491863.09, 3866377.25	1.98E-07	6.26E-11	1.82E-11	1.96E-07	6.17E-11	1.80E-11	1.90E-07	6.00E-11	1.74E-11
5357	492363.09, 3866377.25	1.97E-07	6.23E-11	1.81E-11	1.95E-07	6.15E-11	1.79E-11	1.89E-07	5.97E-11	1.74E-11
5358	492863.09, 3866377.25	1.73E-07	5.45E-11	1.59E-11	1.71E-07	5.38E-11	1.57E-11	1.66E-07	5.23E-11	1.52E-11
5359	493363.09, 3866377.25	1.88E-07	5.94E-11	1.73E-11	1.86E-07	5.87E-11	1.71E-11	1.80E-07	5.70E-11	1.66E-11
5360	493863.09, 3866377.25	2.02E-07	6.37E-11	1.85E-11	1.99E-07	6.29E-11	1.83E-11	1.93E-07	6.11E-11	1.78E-11
5361	494363.09, 3866377.25	2.16E-07	6.80E-11	1.98E-11	2.13E-07	6.71E-11	1.95E-11	2.07E-07	6.52E-11	1.90E-11
5362	494863.09, 3866377.25	2.18E-07	6.87E-11	2.00E-11	2.15E-07	6.78E-11	1.97E-11	2.09E-07	6.59E-11	1.92E-11
5363	495363.09, 3866377.25	2.15E-07	6.80E-11	1.98E-11	2.13E-07	6.71E-11	1.95E-11	2.06E-07	6.51E-11	1.89E-11
5364	495863.09, 3866377.25	2.06E-07	6.50E-11	1.89E-11	2.03E-07	6.41E-11	1.87E-11	1.97E-07	6.23E-11	1.81E-11
5365	496363.09, 3866377.25	2.07E-07	6.55E-11	1.90E-11	2.05E-07	6.46E-11	1.88E-11	1.99E-07	6.27E-11	1.83E-11
5366	496863.09, 3866377.25	2.11E-07	6.67E-11	1.94E-11	2.09E-07	6.59E-11	1.92E-11	2.03E-07	6.40E-11	1.86E-11
5367	497363.09, 3866377.25	2.16E-07	6.81E-11	1.98E-11	2.13E-07	6.72E-11	1.95E-11	2.07E-07	6.52E-11	1.90E-11
5368	497863.09, 3866377.25	2.21E-07	6.96E-11	2.02E-11	2.18E-07	6.87E-11	2.00E-11	2.11E-07	6.67E-11	1.94E-11
5369	498363.09, 3866377.25	1.95E-07	6.14E-11	1.79E-11	1.92E-07	6.06E-11	1.76E-11	1.87E-07	5.89E-11	1.71E-11
5370	474494.92, 3848334.16	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
5371	475167.27, 3848920.79	6.73E-08	2.12E-11	6.18E-12	6.64E-08	2.10E-11	6.10E-12	6.45E-08	2.04E-11	5.92E-12
5372	475297.89, 3848997.96	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
5373	475439.05, 3849062	6.77E-08	2.14E-11	6.21E-12	6.68E-08	2.11E-11	6.13E-12	6.49E-08	2.05E-11	5.95E-12
5374	475486.86, 3849061.09	6.74E-08	2.13E-11	6.19E-12	6.65E-08	2.10E-11	6.11E-12	6.46E-08	2.04E-11	5.93E-12
5375	475538.46, 3849075.56	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
5376	475751.79, 3849137.15	7.05E-08	2.23E-11	6.48E-12	6.96E-08	2.20E-11	6.39E-12	6.76E-08	2.13E-11	6.21E-12
5377	476303.62, 3849223.38	7.40E-08	2.34E-11	6.80E-12	7.31E-08	2.31E-11	6.71E-12	7.10E-08	2.24E-11	6.51E-12
5378	476304.51, 3849238.92	7.42E-08	2.34E-11	6.81E-12	7.32E-08	2.31E-11	6.72E-12	7.11E-08	2.24E-11	6.53E-12
5379	476365.04, 3849247.98	7.46E-08	2.35E-11	6.85E-12	7.36E-08	2.32E-11	6.76E-12	7.15E-08	2.26E-11	6.56E-12
5380	476444.86, 3849267.13	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
5381	476550.75, 3849300.66	7.57E-08	2.39E-11	6.95E-12	7.48E-08	2.36E-11	6.86E-12	7.26E-08	2.29E-11	6.66E-12
5382	476656.71, 3849346.88	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
5383	476873.55, 3849454.53	7.89E-08	2.49E-11	7.24E-12	7.78E-08	2.46E-11	7.15E-12	7.56E-08	2.39E-11	6.94E-12
5384	477700, 3849859.7	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
5385	477743.16, 3849856.38	8.59E-08	2.71E-11	7.88E-12	8.48E-08	2.68E-11	7.78E-12	8.23E-08	2.60E-11	7.56E-12
5386	478477.35, 3850216.33	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
5387	478485.8, 3850201.6	8.98E-08	2.83E-11	8.24E-12	8.86E-08	2.80E-11	8.14E-12	8.61E-08	2.72E-11	7.90E-12
5388	479113.21, 3850501.53	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
5389	479108.11, 3850382.28	9.59E-08	3.03E-11	8.80E-12	9.47E-08	2.99E-11	8.69E-12	9.19E-08	2.90E-11	8.44E-12
5390	479689.85, 3850674.28	1.02E-07	3.21E-11	9.34E-12	1.00E-07	3.17E-11	9.22E-12	9.75E-08	3.08E-11	8.95E-12
5391	479952.42, 3850774.28	1.06E-07	3.34E-11	9.71E-12	1.04E-07	3.30E-11	9.59E-12	1.01E-07	3.20E-11	9.31E-12
5392	479911.32, 3850884.85	1.07E-07	3.37E-11	9.81E-12	1.05E-07	3.33E-11	9.68E-12	1.02E-07	3.23E-11	9.40E-12
5393	480500.92, 3851178.12	1.20E-07	3.78E-11	1.10E-11	1.18E-07	3.73E-11	1.08E-11	1.15E-07	3.62E-11	1.05E-11
5394	480738.01, 3851289.27	1.26E-07	3.96E-11	1.15E-11	1.24E-07	3.91E-11	1.14E-11	1.20E-07	3.80E-11	1.10E-11
5395	481055.42, 3851443.58	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.18E-11	1.22E-11	1.29E-07	4.06E-11	1.18E-11
5396	481110.22, 3851443.15	1.36E-07	4.28E-11	1.24E-11	1.34E-07	4.22E-11	1.23E-11	1.30E-07	4.10E-11	1.19E-11
5397	481111.1, 3851417.45	1.35E-07	4.28E-11	1.24E-11	1.34E-07	4.22E-11	1.23E-11	1.30E-07	4.10E-11	1.19E-11
5398	482248.44, 3852605.09	1.76E-07	5.54E-11	1.61E-11	1.73E-07	5.47E-11	1.59E-11	1.68E-07	5.31E-11	1.54E-11

5399	482273.34, 3852632.31	1.76E-07	5.57E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.34E-11	1.55E-11
5400	482665.46, 3853038.72	1.94E-07	6.11E-11	1.78E-11	1.91E-07	6.03E-11	1.75E-11	1.85E-07	5.85E-11	1.70E-11
5401	483077.95, 3853844.31	2.21E-07	6.98E-11	2.03E-11	2.18E-07	6.89E-11	2.00E-11	2.12E-07	6.69E-11	1.95E-11
5402	483121.38, 3853909.38	2.24E-07	7.07E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.77E-11	1.97E-11
5403	483492.64, 3853911.49	2.30E-07	7.27E-11	2.12E-11	2.27E-07	7.18E-11	2.09E-11	2.21E-07	6.97E-11	2.03E-11
5404	483498.29, 3854204.73	2.42E-07	7.63E-11	2.22E-11	2.39E-07	7.53E-11	2.19E-11	2.32E-07	7.31E-11	2.13E-11
5405	484132.44, 3854662.55	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.12E-11
5406	484627.62, 3854876.13	2.76E-07	8.70E-11	2.53E-11	2.72E-07	8.59E-11	2.50E-11	2.64E-07	8.34E-11	2.43E-11
5407	484756.14, 3854949.04	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.82E-07	8.89E-11	2.59E-11
5408	486697.51, 3856599.17	7.74E-07	2.44E-10	7.10E-11	7.64E-07	2.41E-10	7.01E-11	7.42E-07	2.34E-10	6.81E-11
5409	487105.31, 3856962.27	1.12E-06	3.53E-10	1.03E-10	1.10E-06	3.48E-10	1.01E-10	1.07E-06	3.38E-10	9.84E-11
5410	487157.57, 3856901.7	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.08E-06	3.42E-10	9.96E-11
5411	487173.5, 3856853.74	1.10E-06	3.49E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.72E-11
5412	487564.41, 3856860.83	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
5413	487563.31, 3856931.58	1.21E-06	3.83E-10	1.11E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
5414	487782.7, 3856926.85	1.26E-06	3.99E-10	1.16E-10	1.25E-06	3.94E-10	1.15E-10	1.21E-06	3.82E-10	1.11E-10
5415	487782.39, 3856757.07	1.10E-06	3.48E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.71E-11
5416	487917.26, 3856752.41	1.14E-06	3.61E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.46E-10	1.01E-10
5417	487919.57, 3856953.35	1.34E-06	4.23E-10	1.23E-10	1.32E-06	4.17E-10	1.21E-10	1.28E-06	4.05E-10	1.18E-10
5418	487932.76, 3857000.32	1.39E-06	4.38E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.20E-10	1.22E-10
5419	487960.5, 3857044.75	1.45E-06	4.57E-10	1.33E-10	1.43E-06	4.51E-10	1.31E-10	1.39E-06	4.38E-10	1.27E-10
5420	488016.54, 3857089.54	1.52E-06	4.81E-10	1.40E-10	1.50E-06	4.75E-10	1.38E-10	1.46E-06	4.61E-10	1.34E-10
5421	488114.39, 3857165.47	1.68E-06	5.30E-10	1.54E-10	1.66E-06	5.23E-10	1.52E-10	1.61E-06	5.08E-10	1.48E-10
5422	488171.49, 3857234.24	1.83E-06	5.77E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
5423	488193.16, 3857297.8	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.17E-10	1.80E-10	1.90E-06	6.00E-10	1.74E-10
5424	488189.27, 3857649.94	3.33E-06	1.05E-09	3.06E-10	3.29E-06	1.04E-09	3.02E-10	3.19E-06	1.01E-09	2.93E-10
5425	488127.43, 3857732.32	3.95E-06	1.25E-09	3.63E-10	3.90E-06	1.23E-09	3.58E-10	3.79E-06	1.20E-09	3.48E-10
5426	488149.93, 3857752.94	4.15E-06	1.31E-09	3.81E-10	4.10E-06	1.29E-09	3.76E-10	3.98E-06	1.26E-09	3.65E-10
5427	488144.76, 3857758.71	4.21E-06	1.33E-09	3.86E-10	4.16E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
5428	488335.58, 3857932.55	8.51E-06	2.69E-09	7.81E-10	8.40E-06	2.65E-09	7.71E-10	8.16E-06	2.57E-09	7.49E-10
5429	488372.29, 3857943.79	9.39E-06	2.97E-09	8.62E-10	9.27E-06	2.93E-09	8.51E-10	9.00E-06	2.84E-09	8.27E-10
5430	488828.64, 3857936.4	1.12E-05	3.53E-09	1.03E-09	1.10E-05	3.49E-09	1.01E-09	1.07E-05	3.38E-09	9.84E-10
5431	488829.08, 3857959.58	1.25E-05	3.94E-09	1.15E-09	1.23E-05	3.89E-09	1.13E-09	1.20E-05	3.78E-09	1.10E-09
5432	488351.61, 3857964.55	1.09E-05	3.44E-09	1.00E-09	1.08E-05	3.39E-09	9.87E-10	1.04E-05	3.30E-09	9.59E-10
5433	488316.87, 3857947.65	9.36E-06	2.95E-09	8.59E-10	9.24E-06	2.91E-09	8.48E-10	8.97E-06	2.83E-09	8.23E-10
5434	488129.1, 3857775.77	4.41E-06	1.39E-09	4.05E-10	4.35E-06	1.37E-09	3.99E-10	4.22E-06	1.33E-09	3.88E-10
5435	488062.53, 3857846.13	5.24E-06	1.65E-09	4.81E-10	5.17E-06	1.63E-09	4.75E-10	5.02E-06	1.58E-09	4.61E-10
5436	488330.41, 3858091.34	1.80E-04	5.69E-08	1.65E-08	1.78E-04	5.62E-08	1.63E-08	1.73E-04	5.45E-08	1.59E-08
5437	488470.87, 3858174.45	1.03E-04	3.24E-08	9.42E-09	1.01E-04	3.20E-08	9.30E-09	9.83E-05	3.10E-08	9.03E-09
5438	488568.9, 3858262.31	9.69E-05	3.06E-08	8.90E-09	9.56E-05	3.02E-08	8.78E-09	9.29E-05	2.93E-08	8.53E-09
5439	488964.27, 3858025.71	1.52E-05	4.80E-09	1.40E-09	1.50E-05	4.74E-09	1.38E-09	1.46E-05	4.60E-09	1.34E-09
5440	489147.25, 3857956.64	1.13E-05	3.56E-09	1.03E-09	1.11E-05	3.51E-09	1.02E-09	1.08E-05	3.41E-09	9.91E-10
5441	489343.52, 3857932.45	1.01E-05	3.19E-09	9.27E-10	9.96E-06	3.14E-09	9.15E-10	9.67E-06	3.05E-09	8.88E-10
5442	489866.19, 3857923.19	9.91E-06	3.13E-09	9.10E-10	9.78E-06	3.09E-09	8.98E-10	9.50E-06	3.00E-09	8.72E-10
5443	489955.65, 3857902.27	9.47E-06	2.99E-09	8.70E-10	9.35E-06	2.95E-09	8.58E-10	9.08E-06	2.87E-09	8.34E-10
5444	490079.44, 3857847.9	8.67E-06	2.73E-09	7.96E-10	8.55E-06	2.70E-09	7.85E-10	8.30E-06	2.62E-09	7.62E-10
5445	490108.49, 3857934.13	1.07E-05	3.37E-09	9.81E-10	1.05E-05	3.33E-09	9.68E-10	1.02E-05	3.23E-09	9.40E-10
5446	489884.48, 3858014.17	1.26E-05	3.97E-09	1.15E-09	1.24E-05	3.92E-09	1.14E-09	1.21E-05	3.81E-09	1.11E-09
5447	489326.56, 3858025.86	1.30E-05	4.10E-09	1.19E-09	1.28E-05	4.05E-09	1.18E-09	1.24E-05	3.93E-09	1.14E-09
5448	489130.38, 3858056.71	1.51E-05	4.77E-09	1.39E-09	1.49E-05	4.70E-09	1.37E-09	1.45E-05	4.57E-09	1.33E-09
5449	488936.49, 3858143.93	2.22E-05	7.01E-09	2.04E-09	2.19E-05	6.91E-09	2.01E-09	2.13E-05	6.71E-09	1.95E-09
5450	488638.08, 3858327.45	9.66E-05	3.05E-08	8.87E-09	9.53E-05	3.01E-08	8.75E-09	9.26E-05	2.92E-08	8.50E-09
5451	488663.79, 3858349.57	9.50E-05	3.00E-08	8.73E-09	9.38E-05	2.96E-08	8.61E-09	9.11E-05	2.87E-08	8.36E-09
5452	488694.56, 3858349.5	7.72E-05	2.44E-08	7.09E-09	7.62E-05	2.40E-08	6.99E-09	7.40E-05	2.33E-08	6.79E-09
5453	488694.35, 3858336.75	7.15E-05	2.26E-08	6.56E-09	7.06E-05	2.23E-08	6.48E-09	6.85E-05	2.16E-08	6.29E-09
5454	488712.81, 3858336.38	6.49E-05	2.05E-08	5.96E-09	6.41E-05	2.02E-08	5.88E-09	6.22E-05	1.96E-08	5.71E-09
5455	488713.23, 3858367.46	7.75E-05	2.45E-08	7.11E-09	7.65E-05	2.41E-08	7.02E-09	7.43E-05	2.34E-08	6.82E-09
5456	488704.63, 3858384.05	9.25E-05	2.92E-08	8.49E-09	9.13E-05	2.88E-08	8.38E-09	8.87E-05	2.80E-08	8.14E-09
5457	488604.15, 3858488.29	3.05E-05	9.64E-09	2.80E-09	3.01E-05	9.51E-09	2.77E-09	2.93E-05	9.24E-09	2.69E-09
5458	488605.66, 3858550.47	2.29E-05	7.21E-09	2.10E-09	2.26E-05	7.12E-09	2.07E-09	2.19E-05	6.91E-09	2.01E-09
5459	488692.68, 3858548.71	3.44E-05	1.09E-08	3.16E-09	3.40E-05	1.07E-08	3.12E-09	3.30E-05	1.04E-08	3.03E-09
5460	488759.93, 3858461.81	1.18E-04	3.73E-08	1.09E-08	1.17E-04	3.68E-08	1.07E-08	1.13E-04	3.58E-08	1.04E-08
5461	488816.57, 3858541.79	1.67E-04	5.26E-08	1.53E-08	1.65E-04	5.19E-08	1.51E-08	1.60E-04	5.04E-08	1.47E-08
5462	488944.63, 3858656.77	1.63E-04	5.15E-08	1.50E-08	1.61E-04	5.08E-08	1.48E-08	1.56E-04	4.93E-08	1.43E-08
5463	489134.91, 3858830.7	1.75E-04	5.53E-08	1.61E-08	1.73E-04	5.45E-08	1.59E-08	1.68E-04	5.30E-08	1.54E-08
5464	489193.99, 3858886.05	2.05E-04	6.47E-08	1.88E-08	2.02E-04	6.39E-08	1.86E-08	1.97E-04	6.20E-08	1.80E-08
5465	489295.2, 3858954.34	8.78E-05	2.77E-08	8.06E-09	8.67E-05	2.74E-08	7.96E-09	8.42E-05	2.66E-08	7.73E-09
5466	489295.64, 3858992.74	7.62E-05	2.40E-08	6.99E-09	7.52E-05	2.37E-08	6.90E-09	7.30E-05	2.30E-08	6.70E-09
5467	489183.74, 3858911.72	9.66E-05	3.05E-08	8.86E-09	9.53E-05	3.01E-08	8.75E-09	9.25E-05	2.92E-08	8.50E-09
5468	488873.37, 3858625.59	7.34E-05	2.32E-08	6.74E-09	7.24E-05	2.29E-08	6.65E-09	7.04E-05	2.22E-08	6.46E-09
5469	488842.84, 3858658.69	4.40E-05	1.39E-08	4.04E-09	4.34E-05	1.37E-08	3.98E-09	4.21E-05	1.33E-08	3.87E-09
5470	488856.39, 3858670.93	4.46E-05	1.41E-08	4.10E-09	4.41E-05	1.39E-08	4.04E-09	4.28E-05	1.35E-08	3.93E-09
5471	488805.7, 3858724.5	2.54E-05	8.01E-09	2.33E-09	2.50E-05	7.90E-09	2.30E-09	2.43E-05	7.68E-09	2.23E-09

5472	488805.87, 3858804.16	1.97E-05	6.22E-09	1.81E-09	1.94E-05	6.13E-09	1.78E-09	1.89E-05	5.96E-09	1.73E-09
5473	488995.78, 3858936.96	2.45E-05	7.75E-09	2.25E-09	2.42E-05	7.65E-09	2.22E-09	2.35E-05	7.42E-09	2.16E-09
5474	489130.76, 3859017.38	3.60E-05	1.14E-08	3.31E-09	3.56E-05	1.12E-08	3.26E-09	3.45E-05	1.09E-08	3.17E-09
5475	489130.92, 3859052.24	3.40E-05	1.07E-08	3.12E-09	3.36E-05	1.06E-08	3.08E-09	3.26E-05	1.03E-08	2.99E-09
5476	489200.33, 3859090.6	5.98E-05	1.89E-08	5.49E-09	5.90E-05	1.86E-08	5.42E-09	5.73E-05	1.81E-08	5.26E-09
5477	489296.07, 3859143.7	6.53E-05	2.06E-08	6.00E-09	6.45E-05	2.03E-08	5.92E-09	6.26E-05	1.98E-08	5.75E-09
5478	489296.43, 3858954.74	8.70E-05	2.75E-08	7.99E-09	8.59E-05	2.71E-08	7.88E-09	8.34E-05	2.63E-08	7.65E-09
5479	489410.33, 3859033.19	4.47E-05	1.41E-08	4.10E-09	4.41E-05	1.39E-08	4.05E-09	4.28E-05	1.35E-08	3.93E-09
5480	489371.37, 3859089.8	4.66E-05	1.47E-08	4.28E-09	4.60E-05	1.45E-08	4.22E-09	4.47E-05	1.41E-08	4.10E-09
5481	489390.52, 3859102.82	4.30E-05	1.36E-08	3.95E-09	4.24E-05	1.34E-08	3.89E-09	4.12E-05	1.30E-08	3.78E-09
5482	489382.3, 3859114.53	4.38E-05	1.38E-08	4.02E-09	4.33E-05	1.37E-08	3.97E-09	4.20E-05	1.33E-08	3.86E-09
5483	489363.04, 3859102.45	4.76E-05	1.50E-08	4.37E-09	4.70E-05	1.48E-08	4.32E-09	4.57E-05	1.44E-08	4.19E-09
5484	489337.52, 3859140.71	5.18E-05	1.63E-08	4.76E-09	5.11E-05	1.61E-08	4.69E-09	4.96E-05	1.57E-08	4.56E-09
5485	489375.14, 3859164.55	4.35E-05	1.37E-08	3.99E-09	4.29E-05	1.36E-08	3.94E-09	4.17E-05	1.32E-08	3.83E-09
5486	489409.3, 3859114.5	4.00E-05	1.26E-08	3.67E-09	3.95E-05	1.25E-08	3.63E-09	3.83E-05	1.21E-08	3.52E-09
5487	489434.87, 3859131.81	3.66E-05	1.16E-08	3.36E-09	3.61E-05	1.14E-08	3.32E-09	3.51E-05	1.11E-08	3.22E-09
5488	489471.87, 3859075.75	3.62E-05	1.14E-08	3.33E-09	3.58E-05	1.13E-08	3.28E-09	3.47E-05	1.10E-08	3.19E-09
5489	489602.62, 3859164.69	2.64E-05	8.32E-09	2.42E-09	2.60E-05	8.21E-09	2.39E-09	2.53E-05	7.97E-09	2.32E-09
5490	489558.29, 3859232.45	2.58E-05	8.13E-09	2.36E-09	2.54E-05	8.02E-09	2.33E-09	2.47E-05	7.79E-09	2.27E-09
5491	489620.11, 3859273.56	2.25E-05	7.10E-09	2.06E-09	2.22E-05	7.00E-09	2.04E-09	2.15E-05	6.80E-09	1.98E-09
5492	489666.06, 3859206.42	2.34E-05	7.37E-09	2.14E-09	2.31E-05	7.28E-09	2.12E-09	2.24E-05	7.06E-09	2.05E-09
5493	489787.9, 3859285.65	1.89E-05	5.97E-09	1.74E-09	1.87E-05	5.89E-09	1.71E-09	1.81E-05	5.72E-09	1.67E-09
5494	489752.17, 3859343.13	1.75E-05	5.51E-09	1.60E-09	1.72E-05	5.44E-09	1.58E-09	1.67E-05	5.28E-09	1.54E-09
5495	489814.94, 3859385.33	1.53E-05	4.84E-09	1.41E-09	1.51E-05	4.78E-09	1.39E-09	1.47E-05	4.64E-09	1.35E-09
5496	489853.42, 3859330.74	1.70E-05	5.36E-09	1.56E-09	1.68E-05	5.29E-09	1.54E-09	1.63E-05	5.14E-09	1.49E-09
5497	489969.5, 3859401.91	1.39E-05	4.40E-09	1.28E-09	1.37E-05	4.34E-09	1.26E-09	1.34E-05	4.21E-09	1.23E-09
5498	490166.91, 3859486.96	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.42E-09	9.94E-10	1.05E-05	3.32E-09	9.65E-10
5499	490128.86, 3859571.46	8.61E-06	2.72E-09	7.90E-10	8.49E-06	2.68E-09	7.80E-10	8.25E-06	2.60E-09	7.57E-10
5500	490186.65, 3859593.65	8.08E-06	2.55E-09	7.42E-10	7.98E-06	2.52E-09	7.32E-10	7.75E-06	2.44E-09	7.11E-10
5501	490223.74, 3859517.48	1.04E-05	3.28E-09	9.53E-10	1.02E-05	3.23E-09	9.40E-10	9.95E-06	3.14E-09	9.13E-10
5502	490846.34, 3859817.22	6.49E-06	2.05E-09	5.96E-10	6.40E-06	2.02E-09	5.88E-10	6.22E-06	1.96E-09	5.71E-10
5503	490925.65, 3859844.59	6.31E-06	1.99E-09	5.79E-10	6.23E-06	1.97E-09	5.72E-10	6.05E-06	1.91E-09	5.55E-10
5504	491159.29, 3859896.28	6.03E-06	1.90E-09	5.54E-10	5.95E-06	1.88E-09	5.47E-10	5.78E-06	1.82E-09	5.31E-10
5505	491370.69, 3859960.89	5.56E-06	1.75E-09	5.10E-10	5.49E-06	1.73E-09	5.04E-10	5.33E-06	1.68E-09	4.89E-10
5506	491330.28, 3860063.17	3.51E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.09E-10
5507	491636.45, 3860180.75	3.02E-06	9.53E-10	2.77E-10	2.98E-06	9.40E-10	2.74E-10	2.89E-06	9.13E-10	2.66E-10
5508	491617.94, 3860203.93	2.92E-06	9.21E-10	2.68E-10	2.88E-06	9.09E-10	2.65E-10	2.80E-06	8.83E-10	2.57E-10
5509	491805.68, 3860271.59	2.68E-06	8.44E-10	2.46E-10	2.64E-06	8.33E-10	2.42E-10	2.56E-06	8.09E-10	2.35E-10
5510	491654.23, 3860414.02	2.36E-06	7.44E-10	2.16E-10	2.33E-06	7.34E-10	2.14E-10	2.26E-06	7.13E-10	2.07E-10
5511	491592.62, 3860510.76	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
5512	491475.41, 3860368.93	2.43E-06	7.69E-10	2.24E-10	2.40E-06	7.58E-10	2.21E-10	2.33E-06	7.37E-10	2.14E-10
5513	491445.61, 3860337.28	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.81E-10	2.27E-10	2.40E-06	7.58E-10	2.21E-10
5514	491399.05, 3860300.37	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
5515	491228.84, 3860235.98	2.80E-06	8.85E-10	2.57E-10	2.77E-06	8.74E-10	2.54E-10	2.69E-06	8.48E-10	2.47E-10
5516	491228.47, 3860174.57	3.00E-06	9.47E-10	2.75E-10	2.96E-06	9.34E-10	2.72E-10	2.87E-06	9.07E-10	2.64E-10
5517	491145.77, 3860112.55	3.25E-06	1.03E-09	2.98E-10	3.21E-06	1.01E-09	2.95E-10	3.12E-06	9.83E-10	2.86E-10
5518	490844.41, 3859966.22	4.05E-06	1.28E-09	3.72E-10	4.00E-06	1.26E-09	3.67E-10	3.89E-06	1.23E-09	3.57E-10
5519	490845.55, 3859928.15	4.30E-06	1.36E-09	3.95E-10	4.25E-06	1.34E-09	3.90E-10	4.12E-06	1.30E-09	3.79E-10
5520	490046.91, 3859625.6	8.07E-06	2.55E-09	7.41E-10	7.96E-06	2.51E-09	7.31E-10	7.73E-06	2.44E-09	7.10E-10
5521	489970.48, 3859589.4	9.06E-06	2.86E-09	8.32E-10	8.94E-06	2.82E-09	8.21E-10	8.68E-06	2.74E-09	7.97E-10
5522	489865.89, 3859529.06	1.11E-05	3.52E-09	1.02E-09	1.10E-05	3.47E-09	1.01E-09	1.07E-05	3.37E-09	9.80E-10
5523	489826.89, 3859531.74	1.15E-05	3.62E-09	1.05E-09	1.13E-05	3.58E-09	1.04E-09	1.10E-05	3.47E-09	1.01E-09
5524	489410.47, 3859303.06	3.59E-05	1.13E-08	3.30E-09	3.55E-05	1.12E-08	3.25E-09	3.44E-05	1.09E-08	3.16E-09
5525	489407.15, 3859286.09	3.66E-05	1.16E-08	3.36E-09	3.61E-05	1.14E-08	3.32E-09	3.51E-05	1.11E-08	3.22E-09
5526	488806.07, 3858963.62	1.39E-05	4.39E-09	1.28E-09	1.37E-05	4.33E-09	1.26E-09	1.33E-05	4.20E-09	1.22E-09
5527	488817.64, 3859546.3	6.79E-06	2.14E-09	6.23E-10	6.70E-06	2.12E-09	6.15E-10	6.51E-06	2.05E-09	5.97E-10
5528	489187.25, 3859549.52	3.51E-05	1.11E-08	3.22E-09	3.47E-05	1.09E-08	3.18E-09	3.37E-05	1.06E-08	3.09E-09
5529	489187.66, 3859523.74	4.64E-05	1.46E-08	4.26E-09	4.58E-05	1.44E-08	4.20E-09	4.44E-05	1.40E-08	4.08E-09
5530	489232.59, 3859522.85	1.05E-04	3.31E-08	9.64E-09	1.04E-04	3.27E-08	9.52E-09	1.01E-04	3.18E-08	9.24E-09
5531	489224.98, 3859759.91	1.70E-05	5.36E-09	1.56E-09	1.68E-05	5.29E-09	1.54E-09	1.63E-05	5.14E-09	1.49E-09
5532	488401.39, 3859763.34	3.45E-06	1.09E-09	3.17E-10	3.41E-06	1.08E-09	3.13E-10	3.31E-06	1.04E-09	3.04E-10
5533	488405.51, 3859966.16	2.90E-06	9.15E-10	2.66E-10	2.86E-06	9.03E-10	2.63E-10	2.78E-06	8.77E-10	2.55E-10
5534	489202.85, 3859956.57	7.51E-06	2.37E-09	6.89E-10	7.41E-06	2.34E-09	6.80E-10	7.20E-06	2.27E-09	6.61E-10
5535	489191.9, 3860676.74	8.19E-06	2.58E-09	7.52E-10	8.08E-06	2.55E-09	7.42E-10	7.85E-06	2.48E-09	7.20E-10
5536	488392.82, 3860687.88	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
5537	488392.82, 3860760.27	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.48E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
5538	487549.05, 3860777.45	1.28E-06	4.04E-10	1.18E-10	1.26E-06	3.99E-10	1.16E-10	1.23E-06	3.87E-10	1.13E-10
5539	487554.62, 3859571.83	2.43E-06	7.66E-10	2.23E-10	2.39E-06	7.56E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
5540	485949.46, 3859558.54	1.10E-06	3.49E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.72E-11
5541	485947.55, 3857943.61	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
5542	484738.38, 3857940.21	7.32E-07	2.31E-10	6.72E-11	7.23E-07	2.28E-10	6.64E-11	7.02E-07	2.22E-10	6.44E-11
5543	484737.06, 3857535.68	7.10E-07	2.24E-10	6.52E-11	7.01E-07	2.21E-10	6.43E-11	6.80E-07	2.15E-10	6.25E-11
5544	483730.2, 3857530.13	5.36E-07	1.69E-10	4.92E-11	5.29E-07	1.67E-10	4.85E-11	5.13E-07	1.62E-10	4.71E-11

5545	483727.27, 3857130.01	5.18E-07	1.64E-10	4.76E-11	5.12E-07	1.61E-10	4.70E-11	4.97E-07	1.57E-10	4.56E-11
5546	483124.42, 3857123.45	4.54E-07	1.43E-10	4.17E-11	4.48E-07	1.42E-10	4.12E-11	4.35E-07	1.37E-10	4.00E-11
5547	483111.13, 3855921.03	3.54E-07	1.12E-10	3.25E-11	3.49E-07	1.10E-10	3.21E-11	3.39E-07	1.07E-10	3.12E-11
5548	482701.73, 3855918.24	3.32E-07	1.05E-10	3.05E-11	3.28E-07	1.03E-10	3.01E-11	3.18E-07	1.00E-10	2.92E-11
5549	482668.02, 3853521.78	2.06E-07	6.51E-11	1.89E-11	2.03E-07	6.42E-11	1.87E-11	1.98E-07	6.24E-11	1.81E-11
5550	482579.91, 3853219.19	1.94E-07	6.12E-11	1.78E-11	1.91E-07	6.04E-11	1.76E-11	1.86E-07	5.87E-11	1.71E-11
5551	482434.06, 3852961.94	1.84E-07	5.82E-11	1.69E-11	1.82E-07	5.74E-11	1.67E-11	1.77E-07	5.57E-11	1.62E-11
5552	482332.11, 3852832.85	1.80E-07	5.67E-11	1.65E-11	1.77E-07	5.60E-11	1.63E-11	1.72E-07	5.44E-11	1.58E-11
5553	481334.99, 3851818.96	1.43E-07	4.52E-11	1.32E-11	1.41E-07	4.46E-11	1.30E-11	1.37E-07	4.33E-11	1.26E-11
5554	481127.62, 3851646.36	1.37E-07	4.34E-11	1.26E-11	1.36E-07	4.28E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5555	481025.04, 3851591.73	1.35E-07	4.25E-11	1.24E-11	1.33E-07	4.19E-11	1.22E-11	1.29E-07	4.07E-11	1.18E-11
5556	480513.6, 3851335.76	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.10E-11	1.17E-07	3.69E-11	1.07E-11
5557	480523.56, 3851317.66	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.11E-11	1.17E-07	3.69E-11	1.07E-11
5558	476921.56, 3849569.11	8.15E-08	2.57E-11	7.48E-12	8.04E-08	2.54E-11	7.38E-12	7.81E-08	2.46E-11	7.17E-12
5559	476521.19, 3849373.96	7.74E-08	2.44E-11	7.11E-12	7.64E-08	2.41E-11	7.02E-12	7.42E-08	2.34E-11	6.81E-12
5560	476391.45, 3849333.38	7.68E-08	2.42E-11	7.05E-12	7.58E-08	2.39E-11	6.96E-12	7.36E-08	2.32E-11	6.76E-12
5561	476219.41, 3849304.29	7.61E-08	2.40E-11	6.99E-12	7.51E-08	2.37E-11	6.90E-12	7.30E-08	2.30E-11	6.70E-12
5562	475679.11, 3849218.47	7.29E-08	2.30E-11	6.69E-12	7.19E-08	2.27E-11	6.60E-12	6.98E-08	2.20E-11	6.41E-12
5563	475677.71, 3849233.88	7.33E-08	2.31E-11	6.73E-12	7.23E-08	2.28E-11	6.64E-12	7.02E-08	2.22E-11	6.45E-12
5564	475492.74, 3849204.66	6.62E-08	2.09E-11	6.08E-12	6.54E-08	2.06E-11	6.00E-12	6.35E-08	2.00E-11	5.83E-12
5565	475497.64, 3849158.75	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
5566	475391.35, 3849141.94	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
5567	475277, 3849095.47	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
5568	475183.93, 3849025.66	6.87E-08	2.17E-11	6.31E-12	6.78E-08	2.14E-11	6.23E-12	6.59E-08	2.08E-11	6.05E-12
5569	474453.23, 3848378.77	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
5570	474569.63, 3848399.34	6.25E-08	1.97E-11	5.73E-12	6.16E-08	1.95E-11	5.66E-12	5.99E-08	1.89E-11	5.50E-12
5571	474644.33, 3848464.52	6.32E-08	2.00E-11	5.81E-12	6.24E-08	1.97E-11	5.73E-12	6.06E-08	1.91E-11	5.56E-12
5572	474719.04, 3848529.7	6.39E-08	2.02E-11	5.87E-12	6.31E-08	1.99E-11	5.79E-12	6.12E-08	1.93E-11	5.62E-12
5573	474793.74, 3848594.88	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
5574	474868.45, 3848660.07	6.40E-08	2.02E-11	5.88E-12	6.32E-08	1.99E-11	5.80E-12	6.14E-08	1.94E-11	5.63E-12
5575	474943.15, 3848725.25	6.43E-08	2.03E-11	5.90E-12	6.34E-08	2.00E-11	5.82E-12	6.16E-08	1.94E-11	5.66E-12
5576	475017.86, 3848790.43	6.52E-08	2.06E-11	5.99E-12	6.43E-08	2.03E-11	5.91E-12	6.25E-08	1.97E-11	5.74E-12
5577	475092.56, 3848855.61	6.62E-08	2.09E-11	6.08E-12	6.54E-08	2.06E-11	6.00E-12	6.35E-08	2.00E-11	5.83E-12
5578	475232.58, 3848959.38	6.78E-08	2.14E-11	6.22E-12	6.69E-08	2.11E-11	6.14E-12	6.50E-08	2.05E-11	5.97E-12
5579	475368.47, 3849029.98	6.83E-08	2.16E-11	6.27E-12	6.74E-08	2.13E-11	6.19E-12	6.55E-08	2.07E-11	6.01E-12
5580	475609.57, 3849096.09	6.86E-08	2.16E-11	6.30E-12	6.77E-08	2.14E-11	6.21E-12	6.57E-08	2.07E-11	6.03E-12
5581	475680.68, 3849116.62	7.00E-08	2.21E-11	6.43E-12	6.91E-08	2.18E-11	6.34E-12	6.71E-08	2.12E-11	6.16E-12
5582	475843.76, 3849151.52	7.17E-08	2.26E-11	6.58E-12	7.08E-08	2.23E-11	6.50E-12	6.87E-08	2.17E-11	6.31E-12
5583	475935.73, 3849165.89	7.31E-08	2.31E-11	6.71E-12	7.22E-08	2.28E-11	6.63E-12	7.01E-08	2.21E-11	6.43E-12
5584	476027.71, 3849180.27	7.43E-08	2.35E-11	6.82E-12	7.33E-08	2.31E-11	6.73E-12	7.12E-08	2.25E-11	6.54E-12
5585	476119.68, 3849194.64	7.35E-08	2.32E-11	6.75E-12	7.26E-08	2.29E-11	6.66E-12	7.05E-08	2.22E-11	6.47E-12
5586	476211.65, 3849209.01	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
5587	476497.81, 3849283.9	7.52E-08	2.37E-11	6.91E-12	7.42E-08	2.34E-11	6.82E-12	7.21E-08	2.28E-11	6.62E-12
5588	476603.73, 3849323.77	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
5589	476728.99, 3849382.76	7.74E-08	2.44E-11	7.11E-12	7.64E-08	2.41E-11	7.02E-12	7.42E-08	2.34E-11	6.81E-12
5590	476801.27, 3849418.65	7.82E-08	2.47E-11	7.18E-12	7.72E-08	2.44E-11	7.09E-12	7.50E-08	2.37E-11	6.88E-12
5591	476956.2, 3849495.05	7.98E-08	2.52E-11	7.32E-12	7.87E-08	2.48E-11	7.23E-12	7.65E-08	2.41E-11	7.02E-12
5592	477038.84, 3849535.56	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
5593	477121.49, 3849576.08	8.11E-08	2.56E-11	7.44E-12	8.00E-08	2.53E-11	7.35E-12	7.77E-08	2.45E-11	7.13E-12
5594	477204.13, 3849616.6	8.15E-08	2.57E-11	7.48E-12	8.04E-08	2.54E-11	7.38E-12	7.81E-08	2.46E-11	7.17E-12
5595	477286.78, 3849657.12	8.11E-08	2.56E-11	7.44E-12	8.00E-08	2.53E-11	7.35E-12	7.77E-08	2.45E-11	7.13E-12
5596	477369.42, 3849697.63	8.29E-08	2.62E-11	7.61E-12	8.18E-08	2.58E-11	7.51E-12	7.94E-08	2.51E-11	7.29E-12
5597	477452.07, 3849738.15	8.34E-08	2.63E-11	7.66E-12	8.23E-08	2.60E-11	7.56E-12	7.99E-08	2.52E-11	7.34E-12
5598	477534.71, 3849778.67	8.47E-08	2.67E-11	7.78E-12	8.36E-08	2.64E-11	7.68E-12	8.12E-08	2.56E-11	7.45E-12
5599	477617.36, 3849819.18	8.52E-08	2.69E-11	7.83E-12	8.41E-08	2.66E-11	7.72E-12	8.17E-08	2.58E-11	7.50E-12
5600	477824.74, 3849896.37	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
5601	477906.31, 3849936.37	8.63E-08	2.72E-11	7.92E-12	8.52E-08	2.69E-11	7.82E-12	8.27E-08	2.61E-11	7.59E-12
5602	477987.89, 3849976.36	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
5603	478069.47, 3850016.36	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
5604	478151.04, 3850056.35	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
5605	478232.62, 3850096.35	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
5606	478314.2, 3850136.34	8.85E-08	2.79E-11	8.12E-12	8.73E-08	2.76E-11	8.02E-12	8.48E-08	2.68E-11	7.79E-12
5607	478395.77, 3850176.34	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
5608	478575.43, 3850244.45	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
5609	478665.06, 3850287.29	9.19E-08	2.90E-11	8.43E-12	9.07E-08	2.86E-11	8.32E-12	8.81E-08	2.78E-11	8.08E-12
5610	478754.69, 3850330.14	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12
5611	478844.32, 3850372.99	9.43E-08	2.98E-11	8.66E-12	9.31E-08	2.94E-11	8.55E-12	9.04E-08	2.85E-11	8.30E-12
5612	478933.95, 3850415.84	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
5613	479023.58, 3850458.68	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
5614	479110.66, 3850441.91	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
5615	479191.22, 3850423.99	9.72E-08	3.07E-11	8.92E-12	9.59E-08	3.03E-11	8.81E-12	9.32E-08	2.94E-11	8.55E-12
5616	479274.32, 3850465.71	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
5617	479357.43, 3850507.42	9.86E-08	3.11E-11	9.06E-12	9.74E-08	3.07E-11	8.94E-12	9.45E-08	2.98E-11	8.68E-12

5618	479440.53, 3850549.14	9.90E-08	3.13E-11	9.09E-12	9.77E-08	3.08E-11	8.97E-12	9.49E-08	3.00E-11	8.71E-12
5619	479523.64, 3850590.85	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
5620	479606.74, 3850632.57	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
5621	479777.37, 3850707.61	1.03E-07	3.24E-11	9.44E-12	1.01E-07	3.20E-11	9.31E-12	9.85E-08	3.11E-11	9.05E-12
5622	479864.9, 3850740.95	1.04E-07	3.29E-11	9.57E-12	1.03E-07	3.25E-11	9.44E-12	9.99E-08	3.15E-11	9.17E-12
5623	479931.87, 3850829.57	1.06E-07	3.35E-11	9.75E-12	1.05E-07	3.31E-11	9.62E-12	1.02E-07	3.21E-11	9.34E-12
5624	479995.55, 3850926.75	1.09E-07	3.43E-11	9.99E-12	1.07E-07	3.39E-11	9.86E-12	1.04E-07	3.29E-11	9.57E-12
5625	480079.78, 3850968.64	1.11E-07	3.50E-11	1.02E-11	1.09E-07	3.45E-11	1.00E-11	1.06E-07	3.35E-11	9.74E-12
5626	480164.01, 3851010.54	1.13E-07	3.56E-11	1.04E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.41E-11	9.93E-12
5627	480248.23, 3851052.43	1.15E-07	3.63E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
5628	480332.46, 3851094.33	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.64E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
5629	480416.69, 3851136.22	1.18E-07	3.73E-11	1.08E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
5630	480579.95, 3851215.17	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.16E-07	3.68E-11	1.07E-11
5631	480658.98, 3851252.22	1.23E-07	3.90E-11	1.13E-11	1.22E-07	3.85E-11	1.12E-11	1.18E-07	3.74E-11	1.09E-11
5632	480817.36, 3851327.85	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.97E-11	1.16E-11	1.22E-07	3.86E-11	1.12E-11
5633	480896.72, 3851366.43	1.30E-07	4.09E-11	1.19E-11	1.28E-07	4.04E-11	1.17E-11	1.24E-07	3.92E-11	1.14E-11
5634	480976.07, 3851405	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.11E-11	1.19E-11	1.26E-07	3.99E-11	1.16E-11
5635	481178, 3851487.31	1.38E-07	4.35E-11	1.26E-11	1.36E-07	4.29E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5636	481244.9, 3851557.17	1.40E-07	4.41E-11	1.28E-11	1.38E-07	4.35E-11	1.27E-11	1.34E-07	4.23E-11	1.23E-11
5637	481311.81, 3851627.03	1.42E-07	4.47E-11	1.30E-11	1.40E-07	4.41E-11	1.28E-11	1.36E-07	4.29E-11	1.25E-11
5638	481378.71, 3851696.89	1.44E-07	4.53E-11	1.32E-11	1.42E-07	4.47E-11	1.30E-11	1.38E-07	4.34E-11	1.26E-11
5639	481445.61, 3851766.76	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.40E-11	1.28E-11
5640	481512.51, 3851836.62	1.47E-07	4.65E-11	1.35E-11	1.46E-07	4.59E-11	1.34E-11	1.41E-07	4.46E-11	1.30E-11
5641	481579.42, 3851906.48	1.49E-07	4.71E-11	1.37E-11	1.47E-07	4.65E-11	1.35E-11	1.43E-07	4.52E-11	1.31E-11
5642	481646.32, 3851976.34	1.51E-07	4.77E-11	1.39E-11	1.49E-07	4.71E-11	1.37E-11	1.45E-07	4.57E-11	1.33E-11
5643	481713.22, 3852046.2	1.53E-07	4.82E-11	1.40E-11	1.51E-07	4.75E-11	1.38E-11	1.46E-07	4.62E-11	1.34E-11
5644	481780.12, 3852116.06	1.55E-07	4.89E-11	1.42E-11	1.53E-07	4.83E-11	1.40E-11	1.49E-07	4.69E-11	1.36E-11
5645	481847.03, 3852185.92	1.58E-07	4.98E-11	1.45E-11	1.56E-07	4.92E-11	1.43E-11	1.51E-07	4.77E-11	1.39E-11
5646	481913.93, 3852255.78	1.61E-07	5.08E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.87E-11	1.42E-11
5647	481980.83, 3852325.65	1.64E-07	5.18E-11	1.51E-11	1.62E-07	5.12E-11	1.49E-11	1.57E-07	4.97E-11	1.44E-11
5648	482047.73, 3852395.51	1.67E-07	5.27E-11	1.53E-11	1.65E-07	5.20E-11	1.51E-11	1.60E-07	5.05E-11	1.47E-11
5649	482114.64, 3852465.37	1.70E-07	5.37E-11	1.56E-11	1.68E-07	5.30E-11	1.54E-11	1.63E-07	5.15E-11	1.50E-11
5650	482181.54, 3852535.23	1.73E-07	5.45E-11	1.59E-11	1.70E-07	5.38E-11	1.56E-11	1.66E-07	5.22E-11	1.52E-11
5651	482338.69, 3852700.05	1.79E-07	5.66E-11	1.65E-11	1.77E-07	5.59E-11	1.62E-11	1.72E-07	5.42E-11	1.58E-11
5652	482404.05, 3852767.78	1.82E-07	5.75E-11	1.67E-11	1.80E-07	5.68E-11	1.65E-11	1.75E-07	5.51E-11	1.60E-11
5653	482469.4, 3852835.52	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
5654	482534.75, 3852903.25	1.88E-07	5.92E-11	1.72E-11	1.85E-07	5.85E-11	1.70E-11	1.80E-07	5.68E-11	1.65E-11
5655	482600.11, 3852970.99	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
5656	482706.71, 3853119.28	1.95E-07	6.16E-11	1.79E-11	1.93E-07	6.08E-11	1.77E-11	1.87E-07	5.90E-11	1.72E-11
5657	482747.96, 3853199.84	1.98E-07	6.24E-11	1.82E-11	1.95E-07	6.16E-11	1.79E-11	1.90E-07	5.98E-11	1.74E-11
5658	482789.21, 3853280.4	2.01E-07	6.34E-11	1.84E-11	1.98E-07	6.26E-11	1.82E-11	1.93E-07	6.08E-11	1.77E-11
5659	482830.46, 3853360.96	2.04E-07	6.44E-11	1.87E-11	2.01E-07	6.35E-11	1.85E-11	1.95E-07	6.17E-11	1.79E-11
5660	482871.71, 3853441.52	2.07E-07	6.53E-11	1.90E-11	2.04E-07	6.45E-11	1.88E-11	1.98E-07	6.26E-11	1.82E-11
5661	482912.95, 3853522.07	2.09E-07	6.61E-11	1.92E-11	2.07E-07	6.52E-11	1.90E-11	2.01E-07	6.33E-11	1.84E-11
5662	482954.2, 3853602.63	2.12E-07	6.69E-11	1.95E-11	2.09E-07	6.60E-11	1.92E-11	2.03E-07	6.41E-11	1.87E-11
5663	482995.45, 3853683.19	2.15E-07	6.78E-11	1.97E-11	2.12E-07	6.69E-11	1.95E-11	2.06E-07	6.50E-11	1.89E-11
5664	483036.7, 3853763.75	2.18E-07	6.88E-11	2.00E-11	2.15E-07	6.79E-11	1.98E-11	2.09E-07	6.60E-11	1.92E-11
5665	483214.2, 3853909.91	2.22E-07	7.01E-11	2.04E-11	2.19E-07	6.92E-11	2.01E-11	2.13E-07	6.72E-11	1.95E-11
5666	483307.01, 3853910.44	2.24E-07	7.08E-11	2.06E-11	2.21E-07	6.99E-11	2.03E-11	2.15E-07	6.79E-11	1.97E-11
5667	483399.83, 3853910.96	2.27E-07	7.15E-11	2.08E-11	2.24E-07	7.06E-11	2.05E-11	2.17E-07	6.85E-11	1.99E-11
5668	483494.52, 3854009.24	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.27E-11	2.11E-11	2.24E-07	7.06E-11	2.05E-11
5669	483496.41, 3854106.98	2.38E-07	7.51E-11	2.18E-11	2.35E-07	7.41E-11	2.16E-11	2.28E-07	7.20E-11	2.09E-11
5670	483577.56, 3854261.96	2.43E-07	7.68E-11	2.24E-11	2.40E-07	7.58E-11	2.21E-11	2.33E-07	7.37E-11	2.14E-11
5671	483656.83, 3854319.19	2.45E-07	7.72E-11	2.24E-11	2.41E-07	7.62E-11	2.22E-11	2.34E-07	7.40E-11	2.15E-11
5672	483736.1, 3854376.41	2.44E-07	7.71E-11	2.24E-11	2.41E-07	7.61E-11	2.21E-11	2.34E-07	7.39E-11	2.15E-11
5673	483815.37, 3854433.64	2.43E-07	7.68E-11	2.24E-11	2.40E-07	7.58E-11	2.21E-11	2.33E-07	7.37E-11	2.14E-11
5674	483894.63, 3854490.87	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
5675	483973.9, 3854548.1	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
5676	484053.17, 3854605.32	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.11E-11
5677	484214.97, 3854698.15	2.45E-07	7.72E-11	2.24E-11	2.41E-07	7.62E-11	2.22E-11	2.34E-07	7.40E-11	2.15E-11
5678	484297.5, 3854733.74	2.51E-07	7.94E-11	2.31E-11	2.48E-07	7.83E-11	2.28E-11	2.41E-07	7.61E-11	2.21E-11
5679	484380.03, 3854769.34	2.55E-07	8.03E-11	2.34E-11	2.51E-07	7.93E-11	2.31E-11	2.44E-07	7.70E-11	2.24E-11
5680	484462.56, 3854804.94	2.61E-07	8.25E-11	2.40E-11	2.58E-07	8.14E-11	2.37E-11	2.51E-07	7.91E-11	2.30E-11
5681	484545.09, 3854840.53	2.65E-07	8.35E-11	2.43E-11	2.61E-07	8.24E-11	2.40E-11	2.54E-07	8.00E-11	2.33E-11
5682	484691.88, 3854912.59	2.85E-07	8.99E-11	2.61E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.61E-11	2.51E-11
5683	484830.81, 3855012.51	3.08E-07	9.71E-11	2.82E-11	3.04E-07	9.58E-11	2.79E-11	2.95E-07	9.31E-11	2.71E-11
5684	484905.48, 3855075.97	3.26E-07	1.03E-10	2.99E-11	3.22E-07	1.02E-10	2.95E-11	3.12E-07	9.86E-11	2.87E-11
5685	484980.14, 3855139.44	3.41E-07	1.08E-10	3.13E-11	3.37E-07	1.06E-10	3.09E-11	3.27E-07	1.03E-10	3.00E-11
5686	485054.81, 3855202.91	3.53E-07	1.11E-10	3.24E-11	3.48E-07	1.10E-10	3.20E-11	3.38E-07	1.07E-10	3.10E-11
5687	485129.48, 3855266.37	3.59E-07	1.13E-10	3.30E-11	3.54E-07	1.12E-10	3.25E-11	3.44E-07	1.09E-10	3.16E-11
5688	485204.15, 3855329.84	3.77E-07	1.19E-10	3.46E-11	3.72E-07	1.17E-10	3.42E-11	3.61E-07	1.14E-10	3.32E-11
5689	485278.82, 3855393.31	3.89E-07	1.23E-10	3.57E-11	3.84E-07	1.21E-10	3.53E-11	3.73E-07	1.18E-10	3.42E-11
5690	485353.48, 3855456.77	4.05E-07	1.28E-10	3.72E-11	4.00E-07	1.26E-10	3.67E-11	3.89E-07	1.23E-10	3.57E-11

5691	485428.15, 3855520.24	4.18E-07	1.32E-10	3.84E-11	4.13E-07	1.30E-10	3.79E-11	4.01E-07	1.27E-10	3.68E-11
5692	485502.82, 3855583.71	4.33E-07	1.37E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.15E-07	1.31E-10	3.81E-11
5693	485577.49, 3855647.17	4.54E-07	1.43E-10	4.17E-11	4.48E-07	1.41E-10	4.12E-11	4.35E-07	1.37E-10	4.00E-11
5694	485652.16, 3855710.64	4.76E-07	1.50E-10	4.37E-11	4.70E-07	1.48E-10	4.31E-11	4.56E-07	1.44E-10	4.19E-11
5695	485726.83, 3855774.11	4.93E-07	1.56E-10	4.53E-11	4.87E-07	1.54E-10	4.47E-11	4.73E-07	1.49E-10	4.34E-11
5696	485801.49, 3855837.57	5.08E-07	1.60E-10	4.66E-11	5.01E-07	1.58E-10	4.60E-11	4.87E-07	1.54E-10	4.47E-11
5697	485876.16, 3855901.04	5.26E-07	1.66E-10	4.83E-11	5.19E-07	1.64E-10	4.77E-11	5.04E-07	1.59E-10	4.63E-11
5698	485950.83, 3855964.5	5.43E-07	1.71E-10	4.98E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.78E-11
5699	486025.5, 3856027.97	5.56E-07	1.75E-10	5.10E-11	5.49E-07	1.73E-10	5.04E-11	5.33E-07	1.68E-10	4.89E-11
5700	486100.17, 3856091.44	5.89E-07	1.86E-10	5.41E-11	5.81E-07	1.83E-10	5.34E-11	5.64E-07	1.78E-10	5.18E-11
5701	486174.83, 3856154.9	6.01E-07	1.90E-10	5.52E-11	5.93E-07	1.87E-10	5.45E-11	5.76E-07	1.82E-10	5.29E-11
5702	486249.5, 3856218.37	5.99E-07	1.89E-10	5.50E-11	5.91E-07	1.87E-10	5.43E-11	5.74E-07	1.81E-10	5.27E-11
5703	486324.17, 3856281.84	6.00E-07	1.89E-10	5.51E-11	5.92E-07	1.87E-10	5.44E-11	5.75E-07	1.82E-10	5.28E-11
5704	486398.84, 3856345.3	6.29E-07	1.99E-10	5.78E-11	6.21E-07	1.96E-10	5.70E-11	6.03E-07	1.90E-10	5.54E-11
5705	486473.51, 3856408.77	6.53E-07	2.06E-10	6.00E-11	6.45E-07	2.04E-10	5.92E-11	6.26E-07	1.98E-10	5.75E-11
5706	486548.17, 3856472.24	6.89E-07	2.17E-10	6.32E-11	6.80E-07	2.15E-10	6.24E-11	6.60E-07	2.08E-10	6.06E-11
5707	486622.84, 3856535.7	7.29E-07	2.30E-10	6.69E-11	7.19E-07	2.27E-10	6.60E-11	6.98E-07	2.20E-10	6.41E-11
5708	486765.48, 3856659.69	8.24E-07	2.60E-10	7.56E-11	8.13E-07	2.57E-10	7.46E-11	7.90E-07	2.49E-10	7.25E-11
5709	486833.44, 3856720.2	8.71E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.89E-11	8.35E-07	2.63E-10	7.66E-11
5710	486901.41, 3856780.72	9.28E-07	2.93E-10	8.52E-11	9.15E-07	2.89E-10	8.40E-11	8.89E-07	2.81E-10	8.16E-11
5711	486969.38, 3856841.24	9.86E-07	3.11E-10	9.05E-11	9.73E-07	3.07E-10	8.93E-11	9.45E-07	2.98E-10	8.67E-11
5712	487037.34, 3856901.75	1.05E-06	3.31E-10	9.62E-11	1.03E-06	3.26E-10	9.50E-11	1.00E-06	3.17E-10	9.22E-11
5713	487271.23, 3856855.51	1.12E-06	3.52E-10	1.02E-10	1.10E-06	3.47E-10	1.01E-10	1.07E-06	3.37E-10	9.81E-11
5714	487368.96, 3856857.29	1.12E-06	3.52E-10	1.02E-10	1.10E-06	3.48E-10	1.01E-10	1.07E-06	3.38E-10	9.82E-11
5715	487466.68, 3856859.06	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.40E-10	9.90E-11
5716	487636.44, 3856930	1.22E-06	3.86E-10	1.12E-10	1.21E-06	3.81E-10	1.11E-10	1.17E-06	3.70E-10	1.08E-10
5717	487709.57, 3856928.43	1.25E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.77E-10	1.10E-10
5718	487782.55, 3856841.96	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
5719	487849.83, 3856754.74	1.12E-06	3.54E-10	1.03E-10	1.11E-06	3.49E-10	1.02E-10	1.07E-06	3.39E-10	9.86E-11
5720	487918.03, 3856819.39	1.21E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
5721	487918.8, 3856886.37	1.27E-06	4.01E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
5722	488065.47, 3857127.51	1.60E-06	5.05E-10	1.47E-10	1.58E-06	4.99E-10	1.45E-10	1.53E-06	4.84E-10	1.41E-10
5723	488192.19, 3857385.84	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
5724	488191.22, 3857473.87	2.48E-06	7.82E-10	2.27E-10	2.44E-06	7.72E-10	2.24E-10	2.37E-06	7.49E-10	2.18E-10
5725	488190.24, 3857561.91	2.85E-06	8.98E-10	2.61E-10	2.81E-06	8.86E-10	2.58E-10	2.73E-06	8.61E-10	2.50E-10
5726	488158.35, 3857691.13	3.61E-06	1.14E-09	3.32E-10	3.57E-06	1.13E-09	3.27E-10	3.46E-06	1.09E-09	3.18E-10
5727	488208.37, 3857816.66	5.07E-06	1.60E-09	4.65E-10	5.00E-06	1.58E-09	4.59E-10	4.86E-06	1.53E-09	4.46E-10
5728	488271.97, 3857874.6	6.30E-06	1.99E-09	5.78E-10	6.22E-06	1.96E-09	5.71E-10	6.04E-06	1.91E-09	5.54E-10
5729	488463.56, 3857942.31	1.00E-05	3.17E-09	9.21E-10	9.90E-06	3.12E-09	9.09E-10	9.61E-06	3.03E-09	8.83E-10
5730	488554.83, 3857940.83	1.09E-05	3.45E-09	1.00E-09	1.08E-05	3.40E-09	9.90E-10	1.05E-05	3.30E-09	9.61E-10
5731	488646.1, 3857939.36	1.13E-05	3.58E-09	1.04E-09	1.12E-05	3.53E-09	1.03E-09	1.09E-05	3.43E-09	9.97E-10
5732	488737.37, 3857937.88	1.13E-05	3.58E-09	1.04E-09	1.12E-05	3.53E-09	1.03E-09	1.09E-05	3.43E-09	9.98E-10
5733	488733.59, 3857960.57	1.29E-05	4.08E-09	1.19E-09	1.27E-05	4.02E-09	1.17E-09	1.24E-05	3.91E-09	1.14E-09
5734	488638.09, 3857961.57	1.32E-05	4.17E-09	1.21E-09	1.30E-05	4.11E-09	1.20E-09	1.26E-05	3.99E-09	1.16E-09
5735	488542.6, 3857962.56	1.30E-05	4.11E-09	1.19E-09	1.28E-05	4.05E-09	1.18E-09	1.25E-05	3.94E-09	1.14E-09
5736	488447.1, 3857963.56	1.19E-05	3.76E-09	1.09E-09	1.18E-05	3.72E-09	1.08E-09	1.14E-05	3.61E-09	1.05E-09
5737	488254.28, 3857890.36	6.77E-06	2.14E-09	6.22E-10	6.68E-06	2.11E-09	6.14E-10	6.49E-06	2.05E-09	5.96E-10
5738	488191.69, 3857833.06	5.35E-06	1.69E-09	4.91E-10	5.28E-06	1.67E-09	4.85E-10	5.13E-06	1.62E-09	4.71E-10
5739	488129.5, 3857907.43	7.07E-06	2.23E-09	6.49E-10	6.98E-06	2.20E-09	6.41E-10	6.78E-06	2.14E-09	6.22E-10
5740	488196.47, 3857968.74	1.08E-05	3.40E-09	9.88E-10	1.06E-05	3.35E-09	9.75E-10	1.03E-05	3.26E-09	9.47E-10
5741	488263.44, 3858030.04	2.42E-05	7.64E-09	2.22E-09	2.39E-05	7.54E-09	2.19E-09	2.32E-05	7.33E-09	2.13E-09
5742	488400.64, 3858132.9	1.30E-04	4.12E-08	1.20E-08	1.29E-04	4.06E-08	1.18E-08	1.25E-04	3.95E-08	1.15E-08
5743	488519.89, 3858218.38	9.89E-05	3.12E-08	9.08E-09	9.76E-05	3.08E-08	8.96E-09	9.48E-05	2.99E-08	8.70E-09
5744	488647.97, 3858214.99	5.02E-05	1.58E-08	4.61E-09	4.95E-05	1.56E-08	4.55E-09	4.81E-05	1.52E-08	4.42E-09
5745	488727.05, 3858167.67	3.39E-05	1.07E-08	3.12E-09	3.35E-05	1.06E-08	3.08E-09	3.25E-05	1.03E-08	2.99E-09
5746	488806.12, 3858120.35	2.49E-05	7.86E-09	2.29E-09	2.46E-05	7.76E-09	2.26E-09	2.39E-05	7.54E-09	2.19E-09
5747	488885.2, 3858073.03	1.91E-05	6.04E-09	1.76E-09	1.89E-05	5.96E-09	1.73E-09	1.83E-05	5.79E-09	1.68E-09
5748	489055.76, 3857991.18	1.30E-05	4.09E-09	1.19E-09	1.28E-05	4.04E-09	1.17E-09	1.24E-05	3.92E-09	1.14E-09
5749	489245.39, 3857944.55	1.06E-05	3.34E-09	9.73E-10	1.05E-05	3.30E-09	9.60E-10	1.02E-05	3.21E-09	9.32E-10
5750	489430.63, 3857930.91	9.97E-06	3.15E-09	9.16E-10	9.84E-06	3.11E-09	9.04E-10	9.56E-06	3.02E-09	8.78E-10
5751	489517.74, 3857929.36	9.90E-06	3.12E-09	9.08E-10	9.77E-06	3.08E-09	8.97E-10	9.48E-06	2.99E-09	8.71E-10
5752	489604.86, 3857927.82	9.81E-06	3.10E-09	9.01E-10	9.68E-06	3.06E-09	8.89E-10	9.40E-06	2.97E-09	8.63E-10
5753	489691.97, 3857926.28	9.80E-06	3.09E-09	8.99E-10	9.67E-06	3.05E-09	8.88E-10	9.39E-06	2.96E-09	8.62E-10
5754	489779.08, 3857924.73	9.84E-06	3.11E-09	9.04E-10	9.72E-06	3.07E-09	8.92E-10	9.44E-06	2.98E-09	8.66E-10
5755	490017.55, 3857875.09	8.99E-06	2.84E-09	8.26E-10	8.87E-06	2.80E-09	8.15E-10	8.62E-06	2.72E-09	7.91E-10
5756	490033.82, 3857960.81	1.12E-05	3.54E-09	1.03E-09	1.11E-05	3.50E-09	1.02E-09	1.08E-05	3.40E-09	9.88E-10
5757	489959.15, 3857987.49	1.19E-05	3.76E-09	1.09E-09	1.18E-05	3.71E-09	1.08E-09	1.14E-05	3.61E-09	1.05E-09
5758	489791.49, 3858016.12	1.25E-05	3.93E-09	1.14E-09	1.23E-05	3.88E-09	1.13E-09	1.19E-05	3.77E-09	1.10E-09
5759	489698.51, 3858018.07	1.24E-05	3.92E-09	1.14E-09	1.22E-05	3.86E-09	1.12E-09	1.19E-05	3.75E-09	1.09E-09
5760	489605.52, 3858020.02	1.24E-05	3.92E-09	1.14E-09	1.22E-05	3.86E-09	1.12E-09	1.19E-05	3.75E-09	1.09E-09
5761	489512.53, 3858021.96	1.25E-05	3.96E-09	1.15E-09	1.24E-05	3.91E-09	1.14E-09	1.20E-05	3.79E-09	1.10E-09
5762	489419.55, 3858023.91	1.27E-05	4.02E-09	1.17E-09	1.26E-05	3.97E-09	1.15E-09	1.22E-05	3.85E-09	1.12E-09
5763	489228.47, 3858041.29	1.39E-05	4.38E-09	1.27E-09	1.37E-05	4.32E-09	1.26E-09	1.33E-05	4.20E-09	1.22E-09

5764	489065.75, 3858085.78	1.70E-05	5.37E-09	1.56E-09	1.68E-05	5.30E-09	1.54E-09	1.63E-05	5.14E-09	1.50E-09
5765	489001.12, 3858114.86	1.93E-05	6.09E-09	1.77E-09	1.90E-05	6.01E-09	1.75E-09	1.85E-05	5.83E-09	1.70E-09
5766	488861.89, 3858189.81	2.76E-05	8.73E-09	2.54E-09	2.73E-05	8.61E-09	2.50E-09	2.65E-05	8.36E-09	2.43E-09
5767	488787.29, 3858235.69	3.59E-05	1.13E-08	3.30E-09	3.54E-05	1.12E-08	3.25E-09	3.44E-05	1.09E-08	3.16E-09
5768	488712.68, 3858281.57	5.10E-05	1.61E-08	4.68E-09	5.03E-05	1.59E-08	4.62E-09	4.88E-05	1.54E-08	4.48E-09
5769	488654.39, 3858436.17	8.09E-05	2.55E-08	7.43E-09	7.98E-05	2.52E-08	7.33E-09	7.75E-05	2.45E-08	7.12E-09
5770	488726.31, 3858505.26	7.53E-05	2.38E-08	6.91E-09	7.43E-05	2.35E-08	6.82E-09	7.22E-05	2.28E-08	6.63E-09
5771	488880.6, 3858599.28	1.65E-04	5.19E-08	1.51E-08	1.62E-04	5.13E-08	1.49E-08	1.58E-04	4.98E-08	1.45E-08
5772	489008.06, 3858714.75	1.64E-04	5.18E-08	1.51E-08	1.62E-04	5.12E-08	1.49E-08	1.57E-04	4.97E-08	1.45E-08
5773	489071.48, 3858772.72	1.68E-04	5.29E-08	1.54E-08	1.65E-04	5.22E-08	1.52E-08	1.61E-04	5.07E-08	1.47E-08
5774	489244.6, 3858920.2	1.76E-04	5.55E-08	1.62E-08	1.74E-04	5.48E-08	1.59E-08	1.69E-04	5.32E-08	1.55E-08
5775	489239.69, 3858952.23	1.31E-04	4.15E-08	1.21E-08	1.30E-04	4.10E-08	1.19E-08	1.26E-04	3.98E-08	1.16E-08
5776	489121.67, 3858854.49	9.87E-05	3.12E-08	9.06E-09	9.74E-05	3.08E-08	8.95E-09	9.46E-05	2.99E-08	8.69E-09
5777	489059.59, 3858797.27	7.93E-05	2.50E-08	7.28E-09	7.83E-05	2.47E-08	7.18E-09	7.60E-05	2.40E-08	6.98E-09
5778	488997.52, 3858740.04	7.58E-05	2.39E-08	6.96E-09	7.49E-05	2.36E-08	6.87E-09	7.27E-05	2.29E-08	6.67E-09
5779	488935.44, 3858682.82	8.98E-05	2.83E-08	8.25E-09	8.86E-05	2.80E-08	8.14E-09	8.61E-05	2.72E-08	7.90E-09
5780	488869.17, 3858848.43	2.10E-05	6.63E-09	1.93E-09	2.07E-05	6.54E-09	1.90E-09	2.01E-05	6.35E-09	1.85E-09
5781	488932.48, 3858892.69	2.24E-05	7.08E-09	2.06E-09	2.21E-05	6.99E-09	2.03E-09	2.15E-05	6.79E-09	1.97E-09
5782	489063.27, 3858977.17	2.82E-05	8.90E-09	2.59E-09	2.78E-05	8.78E-09	2.56E-09	2.70E-05	8.53E-09	2.48E-09
5783	489248.2, 3859117.15	9.76E-05	3.08E-08	8.96E-09	9.63E-05	3.04E-08	8.84E-09	9.35E-05	2.95E-08	8.59E-09
5784	489296.25, 3859049.22	7.02E-05	2.21E-08	6.44E-09	6.92E-05	2.19E-08	6.36E-09	6.72E-05	2.12E-08	6.17E-09
5785	489353.38, 3858993.97	5.81E-05	1.83E-08	5.34E-09	5.74E-05	1.81E-08	5.27E-09	5.57E-05	1.76E-08	5.12E-09
5786	489537.25, 3859120.22	3.04E-05	9.60E-09	2.79E-09	3.00E-05	9.48E-09	2.76E-09	2.92E-05	9.20E-09	2.68E-09
5787	489726.98, 3859246.04	2.10E-05	6.62E-09	1.93E-09	2.07E-05	6.54E-09	1.90E-09	2.01E-05	6.35E-09	1.85E-09
5788	489911.46, 3859366.33	1.54E-05	4.86E-09	1.41E-09	1.52E-05	4.80E-09	1.40E-09	1.48E-05	4.66E-09	1.36E-09
5789	490035.3, 3859430.26	1.29E-05	4.08E-09	1.19E-09	1.28E-05	4.03E-09	1.17E-09	1.24E-05	3.91E-09	1.14E-09
5790	490101.11, 3859458.61	1.19E-05	3.77E-09	1.10E-09	1.18E-05	3.72E-09	1.08E-09	1.15E-05	3.61E-09	1.05E-09
5791	490312.68, 3859560.3	9.48E-06	2.99E-09	8.71E-10	9.36E-06	2.95E-09	8.59E-10	9.09E-06	2.87E-09	8.34E-10
5792	490401.63, 3859603.12	8.74E-06	2.76E-09	8.03E-10	8.63E-06	2.72E-09	7.92E-10	8.38E-06	2.64E-09	7.69E-10
5793	490490.57, 3859645.94	8.12E-06	2.56E-09	7.46E-10	8.02E-06	2.53E-09	7.36E-10	7.78E-06	2.46E-09	7.15E-10
5794	490579.51, 3859688.76	7.61E-06	2.40E-09	6.98E-10	7.51E-06	2.37E-09	6.89E-10	7.29E-06	2.30E-09	6.69E-10
5795	490668.45, 3859731.58	7.16E-06	2.26E-09	6.58E-10	7.07E-06	2.23E-09	6.49E-10	6.86E-06	2.17E-09	6.30E-10
5796	490757.4, 3859774.4	6.81E-06	2.15E-09	6.25E-10	6.72E-06	2.12E-09	6.17E-10	6.53E-06	2.06E-09	5.99E-10
5797	491003.53, 3859861.82	6.20E-06	1.96E-09	5.69E-10	6.12E-06	1.93E-09	5.62E-10	5.94E-06	1.87E-09	5.45E-10
5798	491081.41, 3859879.05	6.16E-06	1.94E-09	5.66E-10	6.08E-06	1.92E-09	5.58E-10	5.90E-06	1.86E-09	5.42E-10
5799	491229.76, 3859917.82	5.90E-06	1.86E-09	5.41E-10	5.82E-06	1.84E-09	5.34E-10	5.65E-06	1.78E-09	5.19E-10
5800	491300.22, 3859939.35	5.72E-06	1.80E-09	5.25E-10	5.64E-06	1.78E-09	5.18E-10	5.48E-06	1.73E-09	5.03E-10
5801	491350.49, 3860012.03	3.99E-06	1.26E-09	3.67E-10	3.94E-06	1.24E-09	3.62E-10	3.83E-06	1.21E-09	3.51E-10
5802	491406.82, 3860092.57	3.38E-06	1.07E-09	3.10E-10	3.33E-06	1.05E-09	3.06E-10	3.24E-06	1.02E-09	2.97E-10
5803	491483.37, 3860121.96	3.26E-06	1.03E-09	2.99E-10	3.21E-06	1.01E-09	2.95E-10	3.12E-06	9.85E-10	2.86E-10
5804	491559.91, 3860151.36	3.13E-06	9.88E-10	2.87E-10	3.09E-06	9.75E-10	2.84E-10	3.00E-06	9.47E-10	2.75E-10
5805	491711.81, 3860237.76	2.86E-06	9.04E-10	2.63E-10	2.83E-06	8.92E-10	2.59E-10	2.74E-06	8.66E-10	2.52E-10
5806	491755.2, 3860319.07	2.53E-06	7.98E-10	2.32E-10	2.49E-06	7.87E-10	2.29E-10	2.42E-06	7.65E-10	2.22E-10
5807	491704.71, 3860366.54	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
5808	491623.43, 3860462.39	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
5809	491534.02, 3860439.85	2.40E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.12E-10
5810	491313.95, 3860268.18	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
5811	491187.12, 3860143.56	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
5812	491070.43, 3860075.97	3.43E-06	1.08E-09	3.15E-10	3.39E-06	1.07E-09	3.11E-10	3.29E-06	1.04E-09	3.02E-10
5813	490995.09, 3860039.39	3.61E-06	1.14E-09	3.31E-10	3.56E-06	1.12E-09	3.27E-10	3.46E-06	1.09E-09	3.18E-10
5814	490919.75, 3860002.8	3.81E-06	1.20E-09	3.50E-10	3.76E-06	1.19E-09	3.45E-10	3.65E-06	1.15E-09	3.35E-10
5815	490756.81, 3859894.53	4.52E-06	1.43E-09	4.15E-10	4.46E-06	1.41E-09	4.10E-10	4.33E-06	1.37E-09	3.98E-10
5816	490668.07, 3859860.92	4.73E-06	1.49E-09	4.35E-10	4.67E-06	1.47E-09	4.29E-10	4.54E-06	1.43E-09	4.16E-10
5817	490579.34, 3859827.3	5.01E-06	1.58E-09	4.60E-10	4.94E-06	1.56E-09	4.54E-10	4.80E-06	1.51E-09	4.40E-10
5818	490490.6, 3859793.68	5.30E-06	1.67E-09	4.87E-10	5.23E-06	1.65E-09	4.80E-10	5.08E-06	1.60E-09	4.66E-10
5819	490401.86, 3859760.07	5.65E-06	1.78E-09	5.19E-10	5.58E-06	1.76E-09	5.12E-10	5.42E-06	1.71E-09	4.97E-10
5820	490313.12, 3859726.45	6.09E-06	1.92E-09	5.59E-10	6.01E-06	1.90E-09	5.52E-10	5.84E-06	1.84E-09	5.36E-10
5821	490224.39, 3859692.83	6.63E-06	2.09E-09	6.08E-10	6.54E-06	2.06E-09	6.00E-10	6.35E-06	2.00E-09	5.83E-10
5822	490135.65, 3859659.22	7.28E-06	2.30E-09	6.68E-10	7.19E-06	2.27E-09	6.60E-10	6.98E-06	2.20E-09	6.41E-10
5823	489918.19, 3859559.23	1.00E-05	3.16E-09	9.19E-10	9.88E-06	3.12E-09	9.07E-10	9.59E-06	3.03E-09	8.81E-10
5824	489743.61, 3859486	1.40E-05	4.41E-09	1.28E-09	1.38E-05	4.35E-09	1.27E-09	1.34E-05	4.23E-09	1.23E-09
5825	489660.32, 3859440.27	1.74E-05	5.48E-09	1.59E-09	1.71E-05	5.41E-09	1.57E-09	1.66E-05	5.25E-09	1.53E-09
5826	489577.04, 3859394.53	2.18E-05	6.88E-09	2.00E-09	2.15E-05	6.79E-09	1.97E-09	2.09E-05	6.59E-09	1.92E-09
5827	489493.75, 3859348.8	2.75E-05	8.67E-09	2.52E-09	2.71E-05	8.56E-09	2.49E-09	2.63E-05	8.31E-09	2.42E-09
5828	489321.28, 3859240.02	5.45E-05	1.72E-08	5.00E-09	5.38E-05	1.70E-08	4.94E-09	5.22E-05	1.65E-08	4.80E-09
5829	489235.41, 3859193.96	1.13E-04	3.55E-08	1.03E-08	1.11E-04	3.51E-08	1.02E-08	1.08E-04	3.40E-08	9.90E-09
5830	489149.54, 3859147.89	3.45E-05	1.09E-08	3.16E-09	3.40E-05	1.07E-08	3.12E-09	3.30E-05	1.04E-08	3.03E-09
5831	489063.68, 3859101.82	2.20E-05	6.95E-09	2.02E-09	2.17E-05	6.86E-09	2.00E-09	2.11E-05	6.66E-09	1.94E-09
5832	488977.81, 3859055.75	1.79E-05	5.65E-09	1.64E-09	1.77E-05	5.58E-09	1.62E-09	1.72E-05	5.42E-09	1.58E-09
5833	488891.94, 3859009.69	1.55E-05	4.88E-09	1.42E-09	1.53E-05	4.81E-09	1.40E-09	1.48E-05	4.68E-09	1.36E-09
5834	488808, 3859060.73	1.20E-05	3.80E-09	1.11E-09	1.19E-05	3.75E-09	1.09E-09	1.15E-05	3.64E-09	1.06E-09
5835	488809.93, 3859157.85	1.07E-05	3.36E-09	9.78E-10	1.05E-05	3.32E-09	9.66E-10	1.02E-05	3.22E-09	9.38E-10
5836	488811.86, 3859254.96	9.61E-06	3.03E-09	8.82E-10	9.48E-06	2.99E-09	8.71E-10	9.21E-06	2.91E-09	8.45E-10

5837	488813.78, 3859352.07	8.67E-06	2.74E-09	7.96E-10	8.55E-06	2.70E-09	7.85E-10	8.31E-06	2.62E-09	7.63E-10
5838	488815.71, 3859449.19	7.76E-06	2.45E-09	7.12E-10	7.66E-06	2.42E-09	7.03E-10	7.44E-06	2.35E-09	6.83E-10
5839	488910.04, 3859547.11	7.92E-06	2.50E-09	7.27E-10	7.82E-06	2.47E-09	7.17E-10	7.59E-06	2.40E-09	6.97E-10
5840	489002.45, 3859547.91	9.92E-06	3.13E-09	9.10E-10	9.79E-06	3.09E-09	8.99E-10	9.50E-06	3.00E-09	8.73E-10
5841	489094.85, 3859548.72	1.43E-05	4.53E-09	1.32E-09	1.42E-05	4.47E-09	1.30E-09	1.37E-05	4.34E-09	1.26E-09
5842	489230.05, 3859601.87	2.30E-05	7.26E-09	2.11E-09	2.27E-05	7.16E-09	2.08E-09	2.20E-05	6.96E-09	2.02E-09
5843	489227.52, 3859680.89	1.82E-05	5.75E-09	1.67E-09	1.80E-05	5.67E-09	1.65E-09	1.75E-05	5.51E-09	1.60E-09
5844	489133.47, 3859760.29	7.82E-06	2.47E-09	7.18E-10	7.72E-06	2.44E-09	7.09E-10	7.50E-06	2.37E-09	6.88E-10
5845	489041.96, 3859760.67	6.46E-06	2.04E-09	5.93E-10	6.37E-06	2.01E-09	5.85E-10	6.19E-06	1.95E-09	5.68E-10
5846	488950.45, 3859761.05	5.65E-06	1.78E-09	5.19E-10	5.58E-06	1.76E-09	5.12E-10	5.41E-06	1.71E-09	4.97E-10
5847	488858.94, 3859761.43	5.08E-06	1.60E-09	4.66E-10	5.01E-06	1.58E-09	4.60E-10	4.86E-06	1.54E-09	4.47E-10
5848	488767.43, 3859761.82	4.64E-06	1.46E-09	4.26E-10	4.58E-06	1.44E-09	4.20E-10	4.45E-06	1.40E-09	4.08E-10
5849	488675.92, 3859762.2	4.31E-06	1.36E-09	3.96E-10	4.25E-06	1.34E-09	3.90E-10	4.13E-06	1.30E-09	3.79E-10
5850	488584.41, 3859762.58	3.99E-06	1.26E-09	3.66E-10	3.94E-06	1.24E-09	3.62E-10	3.82E-06	1.21E-09	3.51E-10
5851	488492.9, 3859762.96	3.71E-06	1.17E-09	3.41E-10	3.66E-06	1.16E-09	3.36E-10	3.56E-06	1.12E-09	3.27E-10
5852	488402.76, 3859830.95	3.27E-06	1.03E-09	3.01E-10	3.23E-06	1.02E-09	2.97E-10	3.14E-06	9.90E-10	2.88E-10
5853	488404.14, 3859898.55	3.07E-06	9.69E-10	2.82E-10	3.03E-06	9.56E-10	2.78E-10	2.94E-06	9.29E-10	2.70E-10
5854	488505.18, 3859964.96	3.07E-06	9.71E-10	2.82E-10	3.03E-06	9.58E-10	2.79E-10	2.95E-06	9.30E-10	2.71E-10
5855	488604.85, 3859963.76	3.28E-06	1.03E-09	3.01E-10	3.23E-06	1.02E-09	2.97E-10	3.14E-06	9.91E-10	2.88E-10
5856	488704.51, 3859962.56	3.51E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.09E-10
5857	488804.18, 3859961.37	3.79E-06	1.20E-09	3.48E-10	3.74E-06	1.18E-09	3.43E-10	3.63E-06	1.15E-09	3.34E-10
5858	488903.85, 3859960.17	4.14E-06	1.31E-09	3.80E-10	4.09E-06	1.29E-09	3.75E-10	3.97E-06	1.25E-09	3.64E-10
5859	489003.52, 3859958.97	4.58E-06	1.44E-09	4.20E-10	4.52E-06	1.43E-09	4.15E-10	4.39E-06	1.38E-09	4.03E-10
5860	489103.18, 3859957.77	5.47E-06	1.73E-09	5.02E-10	5.40E-06	1.70E-09	4.95E-10	5.24E-06	1.65E-09	4.81E-10
5861	489201.48, 3860046.59	7.12E-06	2.25E-09	6.54E-10	7.03E-06	2.22E-09	6.45E-10	6.83E-06	2.15E-09	6.27E-10
5862	489200.11, 3860136.61	6.90E-06	2.18E-09	6.34E-10	6.81E-06	2.15E-09	6.26E-10	6.62E-06	2.09E-09	6.07E-10
5863	489198.74, 3860226.63	7.85E-06	2.48E-09	7.21E-10	7.75E-06	2.45E-09	7.11E-10	7.53E-06	2.38E-09	6.91E-10
5864	489197.38, 3860316.66	6.26E-06	1.98E-09	5.75E-10	6.18E-06	1.95E-09	5.67E-10	6.00E-06	1.89E-09	5.51E-10
5865	489196.01, 3860406.68	6.08E-06	1.92E-09	5.58E-10	6.00E-06	1.89E-09	5.51E-10	5.83E-06	1.84E-09	5.35E-10
5866	489194.64, 3860496.7	7.10E-06	2.24E-09	6.52E-10	7.01E-06	2.21E-09	6.43E-10	6.80E-06	2.15E-09	6.25E-10
5867	489193.27, 3860586.72	6.87E-06	2.17E-09	6.31E-10	6.79E-06	2.14E-09	6.23E-10	6.59E-06	2.08E-09	6.05E-10
5868	489092.02, 3860678.13	3.54E-06	1.12E-09	3.25E-10	3.49E-06	1.10E-09	3.21E-10	3.39E-06	1.07E-09	3.11E-10
5869	488992.13, 3860679.53	2.76E-06	8.70E-10	2.53E-10	2.72E-06	8.59E-10	2.50E-10	2.64E-06	8.34E-10	2.43E-10
5870	488892.25, 3860680.92	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
5871	488792.36, 3860682.31	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
5872	488692.48, 3860683.7	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
5873	488592.59, 3860685.1	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
5874	488492.71, 3860686.49	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
5875	488299.07, 3860762.18	1.71E-06	5.39E-10	1.57E-10	1.68E-06	5.32E-10	1.55E-10	1.64E-06	5.16E-10	1.50E-10
5876	488205.32, 3860764.09	1.65E-06	5.20E-10	1.51E-10	1.63E-06	5.13E-10	1.49E-10	1.58E-06	4.98E-10	1.45E-10
5877	488111.56, 3860766	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.78E-10	1.39E-10
5878	488017.81, 3860767.91	1.52E-06	4.78E-10	1.39E-10	1.50E-06	4.72E-10	1.37E-10	1.45E-06	4.59E-10	1.33E-10
5879	487924.06, 3860769.81	1.45E-06	4.59E-10	1.34E-10	1.44E-06	4.53E-10	1.32E-10	1.39E-06	4.40E-10	1.28E-10
5880	487830.31, 3860771.72	1.40E-06	4.42E-10	1.28E-10	1.38E-06	4.36E-10	1.27E-10	1.34E-06	4.23E-10	1.23E-10
5881	487736.55, 3860773.63	1.35E-06	4.27E-10	1.24E-10	1.33E-06	4.21E-10	1.22E-10	1.30E-06	4.09E-10	1.19E-10
5882	487642.8, 3860775.54	1.31E-06	4.14E-10	1.21E-10	1.30E-06	4.09E-10	1.19E-10	1.26E-06	3.97E-10	1.16E-10
5883	487549.48, 3860684.71	1.32E-06	4.18E-10	1.21E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
5884	487549.91, 3860591.97	1.36E-06	4.31E-10	1.25E-10	1.35E-06	4.25E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
5885	487550.34, 3860499.23	1.42E-06	4.47E-10	1.30E-10	1.40E-06	4.42E-10	1.28E-10	1.36E-06	4.29E-10	1.25E-10
5886	487550.76, 3860406.49	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
5887	487551.19, 3860313.75	1.55E-06	4.89E-10	1.42E-10	1.53E-06	4.83E-10	1.41E-10	1.49E-06	4.69E-10	1.36E-10
5888	487551.62, 3860221.01	1.63E-06	5.15E-10	1.50E-10	1.61E-06	5.08E-10	1.48E-10	1.56E-06	4.93E-10	1.43E-10
5889	487552.05, 3860128.27	1.73E-06	5.46E-10	1.59E-10	1.71E-06	5.39E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
5890	487552.48, 3860035.53	1.84E-06	5.79E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.62E-10
5891	487552.91, 3859942.79	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.85E-06	5.82E-10	1.69E-10
5892	487553.33, 3859850.05	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
5893	487553.76, 3859757.31	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
5894	487554.19, 3859664.57	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.09E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
5895	487460.2, 3859571.05	2.30E-06	7.25E-10	2.11E-10	2.27E-06	7.15E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
5896	487365.78, 3859570.27	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10
5897	487271.36, 3859569.48	2.09E-06	6.60E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
5898	487176.94, 3859568.7	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
5899	487082.51, 3859567.92	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.81E-06	5.73E-10	1.67E-10
5900	486988.09, 3859567.14	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
5901	486893.67, 3859566.36	1.71E-06	5.39E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
5902	486799.25, 3859565.58	1.62E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
5903	486704.83, 3859564.79	1.55E-06	4.89E-10	1.42E-10	1.53E-06	4.83E-10	1.40E-10	1.49E-06	4.69E-10	1.36E-10
5904	486610.41, 3859564.01	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
5905	486515.99, 3859563.23	1.42E-06	4.47E-10	1.30E-10	1.40E-06	4.41E-10	1.28E-10	1.36E-06	4.28E-10	1.25E-10
5906	486421.57, 3859562.45	1.36E-06	4.28E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
5907	486327.14, 3859561.67	1.30E-06	4.10E-10	1.19E-10	1.28E-06	4.05E-10	1.18E-10	1.25E-06	3.93E-10	1.14E-10
5908	486232.72, 3859560.89	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.76E-10	1.10E-10
5909	486138.3, 3859560.1	1.19E-06	3.77E-10	1.10E-10	1.18E-06	3.72E-10	1.08E-10	1.14E-06	3.61E-10	1.05E-10

5910	486043.88, 3859559.32	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
5911	485949.35, 3859463.54	1.12E-06	3.53E-10	1.03E-10	1.11E-06	3.49E-10	1.01E-10	1.07E-06	3.39E-10	9.85E-11
5912	485949.24, 3859368.55	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
5913	485949.12, 3859273.55	1.15E-06	3.63E-10	1.06E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
5914	485949.01, 3859178.56	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.61E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
5915	485948.9, 3859083.56	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
5916	485948.79, 3858988.56	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5917	485948.67, 3858893.57	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
5918	485948.56, 3858798.57	1.19E-06	3.75E-10	1.09E-10	1.17E-06	3.70E-10	1.08E-10	1.14E-06	3.59E-10	1.04E-10
5919	485948.45, 3858703.58	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5920	485948.34, 3858608.58	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
5921	485948.22, 3858513.59	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5922	485948.11, 3858418.59	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5923	485948, 3858323.59	1.18E-06	3.73E-10	1.08E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
5924	485947.89, 3858228.6	1.18E-06	3.73E-10	1.08E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
5925	485947.77, 3858133.6	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5926	485947.66, 3858038.61	1.17E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.06E-10	1.13E-06	3.55E-10	1.03E-10
5927	485854.54, 3857943.35	1.11E-06	3.50E-10	1.02E-10	1.09E-06	3.46E-10	1.01E-10	1.06E-06	3.36E-10	9.76E-11
5928	485761.52, 3857943.09	1.06E-06	3.36E-10	9.77E-11	1.05E-06	3.32E-10	9.65E-11	1.02E-06	3.22E-10	9.37E-11
5929	485668.51, 3857942.83	1.03E-06	3.24E-10	9.41E-11	1.01E-06	3.19E-10	9.29E-11	9.83E-07	3.10E-10	9.02E-11
5930	485575.5, 3857942.56	9.86E-07	3.11E-10	9.05E-11	9.73E-07	3.07E-10	8.93E-11	9.45E-07	2.98E-10	8.68E-11
5931	485482.48, 3857942.3	9.51E-07	3.00E-10	8.73E-11	9.39E-07	2.96E-10	8.62E-11	9.12E-07	2.88E-10	8.37E-11
5932	485389.47, 3857942.04	9.18E-07	2.90E-10	8.43E-11	9.07E-07	2.86E-10	8.32E-11	8.80E-07	2.78E-10	8.08E-11
5933	485296.46, 3857941.78	8.87E-07	2.80E-10	8.15E-11	8.76E-07	2.76E-10	8.04E-11	8.50E-07	2.68E-10	7.81E-11
5934	485203.45, 3857941.52	8.60E-07	2.71E-10	7.89E-11	8.48E-07	2.68E-10	7.79E-11	8.24E-07	2.60E-10	7.56E-11
5935	485110.43, 3857941.26	8.31E-07	2.62E-10	7.63E-11	8.20E-07	2.59E-10	7.53E-11	7.97E-07	2.51E-10	7.31E-11
5936	485017.42, 3857940.99	8.04E-07	2.54E-10	7.38E-11	7.93E-07	2.50E-10	7.28E-11	7.70E-07	2.43E-10	7.07E-11
5937	484924.41, 3857940.73	7.78E-07	2.45E-10	7.14E-11	7.68E-07	2.42E-10	7.05E-11	7.45E-07	2.35E-10	6.84E-11
5938	484831.39, 3857940.47	7.54E-07	2.38E-10	6.92E-11	7.44E-07	2.35E-10	6.83E-11	7.23E-07	2.28E-10	6.63E-11
5939	484738.12, 3857859.3	7.27E-07	2.29E-10	6.67E-11	7.17E-07	2.26E-10	6.58E-11	6.96E-07	2.20E-10	6.39E-11
5940	484737.85, 3857778.4	7.23E-07	2.28E-10	6.64E-11	7.14E-07	2.25E-10	6.55E-11	6.93E-07	2.19E-10	6.36E-11
5941	484737.59, 3857697.49	7.20E-07	2.27E-10	6.61E-11	7.10E-07	2.24E-10	6.52E-11	6.90E-07	2.18E-10	6.33E-11
5942	484737.32, 3857616.59	7.15E-07	2.26E-10	6.57E-11	7.06E-07	2.23E-10	6.48E-11	6.85E-07	2.16E-10	6.29E-11
5943	484645.53, 3857535.18	6.91E-07	2.18E-10	6.34E-11	6.82E-07	2.15E-10	6.26E-11	6.62E-07	2.09E-10	6.08E-11
5944	484553.99, 3857534.67	6.72E-07	2.12E-10	6.17E-11	6.63E-07	2.09E-10	6.09E-11	6.44E-07	2.03E-10	5.91E-11
5945	484462.46, 3857534.17	6.55E-07	2.07E-10	6.01E-11	6.46E-07	2.04E-10	5.93E-11	6.27E-07	1.98E-10	5.76E-11
5946	484370.93, 3857533.66	6.38E-07	2.01E-10	5.86E-11	6.29E-07	1.99E-10	5.78E-11	6.11E-07	1.93E-10	5.61E-11
5947	484279.4, 3857533.16	6.22E-07	1.96E-10	5.71E-11	6.14E-07	1.94E-10	5.63E-11	5.96E-07	1.88E-10	5.47E-11
5948	484187.86, 3857532.65	6.06E-07	1.91E-10	5.56E-11	5.98E-07	1.89E-10	5.49E-11	5.81E-07	1.83E-10	5.33E-11
5949	484096.33, 3857532.15	5.91E-07	1.87E-10	5.43E-11	5.83E-07	1.84E-10	5.36E-11	5.66E-07	1.79E-10	5.20E-11
5950	484004.8, 3857531.64	5.76E-07	1.82E-10	5.29E-11	5.69E-07	1.79E-10	5.22E-11	5.52E-07	1.74E-10	5.07E-11
5951	483913.27, 3857531.14	5.61E-07	1.77E-10	5.15E-11	5.54E-07	1.75E-10	5.09E-11	5.38E-07	1.70E-10	4.94E-11
5952	483821.73, 3857530.63	5.48E-07	1.73E-10	5.03E-11	5.40E-07	1.71E-10	4.96E-11	5.25E-07	1.66E-10	4.82E-11
5953	483729.61, 3857450.11	5.33E-07	1.68E-10	4.89E-11	5.26E-07	1.66E-10	4.83E-11	5.11E-07	1.61E-10	4.69E-11
5954	483729.03, 3857370.08	5.32E-07	1.68E-10	4.88E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
5955	483728.44, 3857290.06	5.29E-07	1.67E-10	4.85E-11	5.22E-07	1.65E-10	4.79E-11	5.07E-07	1.60E-10	4.65E-11
5956	483727.86, 3857210.03	5.24E-07	1.65E-10	4.81E-11	5.17E-07	1.63E-10	4.75E-11	5.03E-07	1.59E-10	4.61E-11
5957	483641.15, 3857129.07	5.09E-07	1.61E-10	4.67E-11	5.02E-07	1.59E-10	4.61E-11	4.88E-07	1.54E-10	4.48E-11
5958	483555.03, 3857128.14	4.99E-07	1.58E-10	4.58E-11	4.93E-07	1.56E-10	4.52E-11	4.79E-07	1.51E-10	4.39E-11
5959	483468.91, 3857127.2	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
5960	483382.78, 3857126.26	4.80E-07	1.52E-10	4.41E-11	4.74E-07	1.50E-10	4.35E-11	4.60E-07	1.45E-10	4.23E-11
5961	483296.66, 3857125.32	4.71E-07	1.49E-10	4.33E-11	4.65E-07	1.47E-10	4.27E-11	4.52E-07	1.43E-10	4.15E-11
5962	483210.54, 3857124.39	4.62E-07	1.46E-10	4.24E-11	4.56E-07	1.44E-10	4.19E-11	4.43E-07	1.40E-10	4.07E-11
5963	483123.4, 3857030.96	4.49E-07	1.42E-10	4.13E-11	4.44E-07	1.40E-10	4.07E-11	4.31E-07	1.36E-10	3.95E-11
5964	483122.38, 3856938.46	4.44E-07	1.40E-10	4.08E-11	4.38E-07	1.38E-10	4.03E-11	4.26E-07	1.34E-10	3.91E-11
5965	483121.35, 3856845.97	4.38E-07	1.38E-10	4.02E-11	4.32E-07	1.36E-10	3.97E-11	4.20E-07	1.32E-10	3.85E-11
5966	483120.33, 3856753.47	4.30E-07	1.36E-10	3.95E-11	4.24E-07	1.34E-10	3.90E-11	4.12E-07	1.30E-10	3.78E-11
5967	483119.31, 3856660.98	4.22E-07	1.33E-10	3.87E-11	4.16E-07	1.31E-10	3.82E-11	4.04E-07	1.28E-10	3.71E-11
5968	483118.29, 3856568.49	4.13E-07	1.30E-10	3.79E-11	4.07E-07	1.29E-10	3.74E-11	3.95E-07	1.25E-10	3.63E-11
5969	483117.26, 3856475.99	4.03E-07	1.27E-10	3.70E-11	3.98E-07	1.26E-10	3.66E-11	3.87E-07	1.22E-10	3.55E-11
5970	483116.24, 3856383.5	3.94E-07	1.24E-10	3.61E-11	3.89E-07	1.23E-10	3.57E-11	3.77E-07	1.19E-10	3.46E-11
5971	483115.22, 3856291.01	3.84E-07	1.21E-10	3.53E-11	3.79E-07	1.20E-10	3.48E-11	3.68E-07	1.16E-10	3.38E-11
5972	483114.2, 3856198.51	3.75E-07	1.18E-10	3.44E-11	3.70E-07	1.17E-10	3.40E-11	3.59E-07	1.13E-10	3.30E-11
5973	483113.17, 3856106.02	3.67E-07	1.16E-10	3.37E-11	3.62E-07	1.14E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
5974	483112.15, 3856013.52	3.60E-07	1.14E-10	3.31E-11	3.55E-07	1.12E-10	3.26E-11	3.45E-07	1.09E-10	3.17E-11
5975	483029.25, 3855920.47	3.50E-07	1.10E-10	3.21E-11	3.45E-07	1.09E-10	3.17E-11	3.35E-07	1.06E-10	3.08E-11
5976	482947.37, 3855919.91	3.45E-07	1.09E-10	3.17E-11	3.40E-07	1.07E-10	3.12E-11	3.31E-07	1.04E-10	3.03E-11
5977	482865.49, 3855919.36	3.40E-07	1.07E-10	3.12E-11	3.36E-07	1.06E-10	3.08E-11	3.26E-07	1.03E-10	2.99E-11
5978	482783.61, 3855918.8	3.36E-07	1.06E-10	3.09E-11	3.32E-07	1.05E-10	3.05E-11	3.22E-07	1.02E-10	2.96E-11
5979	482700.33, 3855818.39	3.26E-07	1.03E-10	2.99E-11	3.22E-07	1.02E-10	2.95E-11	3.12E-07	9.86E-11	2.87E-11
5980	482698.92, 3855718.54	3.21E-07	1.01E-10	2.94E-11	3.16E-07	9.99E-11	2.91E-11	3.07E-07	9.70E-11	2.82E-11
5981	482697.52, 3855618.68	3.16E-07	9.97E-11	2.90E-11	3.12E-07	9.84E-11	2.86E-11	3.03E-07	9.55E-11	2.78E-11
5982	482696.11, 3855518.83	3.12E-07	9.83E-11	2.86E-11	3.07E-07	9.70E-11	2.82E-11	2.99E-07	9.42E-11	2.74E-11

5983	482694.71, 3855418.98	3.08E-07	9.71E-11	2.82E-11	3.04E-07	9.58E-11	2.79E-11	2.95E-07	9.31E-11	2.71E-11
5984	482693.3, 3855319.13	3.04E-07	9.59E-11	2.79E-11	3.00E-07	9.46E-11	2.75E-11	2.91E-07	9.19E-11	2.67E-11
5985	482691.9, 3855219.27	3.00E-07	9.45E-11	2.75E-11	2.96E-07	9.33E-11	2.71E-11	2.87E-07	9.06E-11	2.64E-11
5986	482690.49, 3855119.42	2.95E-07	9.32E-11	2.71E-11	2.91E-07	9.19E-11	2.67E-11	2.83E-07	8.93E-11	2.60E-11
5987	482689.09, 3855019.57	2.89E-07	9.13E-11	2.66E-11	2.86E-07	9.01E-11	2.62E-11	2.77E-07	8.75E-11	2.55E-11
5988	482687.68, 3854919.72	2.83E-07	8.95E-11	2.60E-11	2.80E-07	8.83E-11	2.57E-11	2.72E-07	8.57E-11	2.49E-11
5989	482686.28, 3854819.86	2.77E-07	8.74E-11	2.54E-11	2.73E-07	8.63E-11	2.51E-11	2.65E-07	8.38E-11	2.44E-11
5990	482684.88, 3854720.01	2.71E-07	8.56E-11	2.49E-11	2.68E-07	8.45E-11	2.46E-11	2.60E-07	8.20E-11	2.39E-11
5991	482683.47, 3854620.16	2.65E-07	8.35E-11	2.43E-11	2.61E-07	8.25E-11	2.40E-11	2.54E-07	8.01E-11	2.33E-11
5992	482682.07, 3854520.31	2.59E-07	8.17E-11	2.38E-11	2.55E-07	8.06E-11	2.35E-11	2.48E-07	7.83E-11	2.28E-11
5993	482680.66, 3854420.45	2.53E-07	7.99E-11	2.32E-11	2.50E-07	7.89E-11	2.29E-11	2.43E-07	7.66E-11	2.23E-11
5994	482679.26, 3854320.6	2.48E-07	7.82E-11	2.27E-11	2.45E-07	7.72E-11	2.25E-11	2.37E-07	7.49E-11	2.18E-11
5995	482677.85, 3854220.75	2.41E-07	7.61E-11	2.21E-11	2.38E-07	7.51E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
5996	482676.45, 3854120.9	2.37E-07	7.48E-11	2.18E-11	2.34E-07	7.39E-11	2.15E-11	2.27E-07	7.17E-11	2.09E-11
5997	482675.04, 3854021.04	2.32E-07	7.33E-11	2.13E-11	2.29E-07	7.24E-11	2.10E-11	2.23E-07	7.03E-11	2.04E-11
5998	482673.64, 3853921.19	2.28E-07	7.18E-11	2.09E-11	2.25E-07	7.09E-11	2.06E-11	2.18E-07	6.88E-11	2.00E-11
5999	482672.23, 3853821.34	2.22E-07	7.00E-11	2.04E-11	2.19E-07	6.91E-11	2.01E-11	2.13E-07	6.71E-11	1.95E-11
6000	482670.83, 3853721.49	2.16E-07	6.82E-11	1.98E-11	2.13E-07	6.73E-11	1.96E-11	2.07E-07	6.54E-11	1.90E-11
6001	482669.42, 3853621.63	2.11E-07	6.66E-11	1.94E-11	2.08E-07	6.57E-11	1.91E-11	2.02E-07	6.38E-11	1.86E-11
6002	482645.99, 3853446.13	2.03E-07	6.40E-11	1.86E-11	2.00E-07	6.32E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
6003	482623.97, 3853370.49	2.00E-07	6.30E-11	1.83E-11	1.97E-07	6.22E-11	1.81E-11	1.91E-07	6.04E-11	1.76E-11
6004	482601.94, 3853294.84	1.97E-07	6.21E-11	1.81E-11	1.94E-07	6.13E-11	1.78E-11	1.88E-07	5.95E-11	1.73E-11
6005	482531.29, 3853133.44	1.90E-07	6.01E-11	1.75E-11	1.88E-07	5.93E-11	1.73E-11	1.82E-07	5.76E-11	1.68E-11
6006	482482.68, 3853047.69	1.87E-07	5.89E-11	1.71E-11	1.84E-07	5.82E-11	1.69E-11	1.79E-07	5.65E-11	1.64E-11
6007	482383.09, 3852897.4	1.82E-07	5.75E-11	1.67E-11	1.80E-07	5.67E-11	1.65E-11	1.74E-07	5.51E-11	1.60E-11
6008	482265.64, 3852765.26	1.77E-07	5.59E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.70E-07	5.35E-11	1.56E-11
6009	482199.16, 3852697.66	1.74E-07	5.50E-11	1.60E-11	1.72E-07	5.42E-11	1.58E-11	1.67E-07	5.27E-11	1.53E-11
6010	482132.69, 3852630.07	1.71E-07	5.40E-11	1.57E-11	1.69E-07	5.33E-11	1.55E-11	1.64E-07	5.18E-11	1.51E-11
6011	482066.21, 3852562.48	1.68E-07	5.31E-11	1.55E-11	1.66E-07	5.25E-11	1.53E-11	1.61E-07	5.09E-11	1.48E-11
6012	481999.74, 3852494.89	1.66E-07	5.24E-11	1.52E-11	1.64E-07	5.17E-11	1.50E-11	1.59E-07	5.02E-11	1.46E-11
6013	481933.26, 3852427.29	1.63E-07	5.16E-11	1.50E-11	1.61E-07	5.09E-11	1.48E-11	1.57E-07	4.94E-11	1.44E-11
6014	481866.79, 3852359.7	1.61E-07	5.08E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.87E-11	1.42E-11
6015	481800.31, 3852292.11	1.58E-07	4.99E-11	1.45E-11	1.56E-07	4.93E-11	1.43E-11	1.52E-07	4.78E-11	1.39E-11
6016	481733.84, 3852224.52	1.56E-07	4.91E-11	1.43E-11	1.53E-07	4.84E-11	1.41E-11	1.49E-07	4.70E-11	1.37E-11
6017	481667.36, 3852156.92	1.53E-07	4.82E-11	1.40E-11	1.51E-07	4.76E-11	1.38E-11	1.46E-07	4.62E-11	1.34E-11
6018	481600.89, 3852089.33	1.51E-07	4.76E-11	1.38E-11	1.49E-07	4.70E-11	1.37E-11	1.45E-07	4.56E-11	1.33E-11
6019	481534.41, 3852021.74	1.49E-07	4.71E-11	1.37E-11	1.47E-07	4.65E-11	1.35E-11	1.43E-07	4.51E-11	1.31E-11
6020	481467.94, 3851954.15	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.59E-11	1.33E-11	1.41E-07	4.46E-11	1.30E-11
6021	481401.46, 3851886.55	1.45E-07	4.58E-11	1.33E-11	1.43E-07	4.52E-11	1.31E-11	1.39E-07	4.39E-11	1.28E-11
6022	481265.87, 3851761.43	1.41E-07	4.46E-11	1.30E-11	1.40E-07	4.41E-11	1.28E-11	1.36E-07	4.28E-11	1.24E-11
6023	481196.74, 3851703.89	1.39E-07	4.39E-11	1.28E-11	1.37E-07	4.34E-11	1.26E-11	1.33E-07	4.21E-11	1.23E-11
6024	481076.33, 3851619.05	1.36E-07	4.29E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.30E-07	4.11E-11	1.20E-11
6025	480939.8, 3851549.07	1.32E-07	4.17E-11	1.21E-11	1.30E-07	4.11E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11
6026	480854.56, 3851506.41	1.30E-07	4.09E-11	1.19E-11	1.28E-07	4.04E-11	1.18E-11	1.24E-07	3.92E-11	1.14E-11
6027	480769.32, 3851463.75	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.97E-11	1.16E-11	1.22E-07	3.86E-11	1.12E-11
6028	480684.08, 3851421.08	1.25E-07	3.96E-11	1.15E-11	1.24E-07	3.91E-11	1.14E-11	1.20E-07	3.79E-11	1.10E-11
6029	480598.84, 3851378.42	1.24E-07	3.91E-11	1.14E-11	1.22E-07	3.86E-11	1.12E-11	1.19E-07	3.74E-11	1.09E-11
6030	480435.71, 3851275.01	1.20E-07	3.79E-11	1.10E-11	1.19E-07	3.74E-11	1.09E-11	1.15E-07	3.63E-11	1.06E-11
6031	480347.85, 3851232.36	1.18E-07	3.73E-11	1.09E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.58E-11	1.04E-11
6032	480260, 3851189.72	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
6033	480172.15, 3851147.07	1.15E-07	3.63E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
6034	480084.29, 3851104.42	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.53E-11	1.03E-11	1.09E-07	3.42E-11	9.96E-12
6035	479996.44, 3851061.77	1.12E-07	3.52E-11	1.02E-11	1.10E-07	3.47E-11	1.01E-11	1.07E-07	3.37E-11	9.81E-12
6036	479908.58, 3851019.13	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.40E-11	9.89E-12	1.05E-07	3.30E-11	9.61E-12
6037	479820.73, 3850976.48	1.08E-07	3.40E-11	9.89E-12	1.06E-07	3.36E-11	9.76E-12	1.03E-07	3.26E-11	9.48E-12
6038	479732.88, 3850933.83	1.06E-07	3.36E-11	9.77E-12	1.05E-07	3.32E-11	9.65E-12	1.02E-07	3.22E-11	9.37E-12
6039	479645.02, 3850891.18	1.05E-07	3.32E-11	9.66E-12	1.04E-07	3.28E-11	9.54E-12	1.01E-07	3.18E-11	9.26E-12
6040	479557.17, 3850848.54	1.04E-07	3.29E-11	9.58E-12	1.03E-07	3.25E-11	9.46E-12	1.00E-07	3.16E-11	9.18E-12
6041	479469.32, 3850805.89	1.03E-07	3.25E-11	9.45E-12	1.02E-07	3.21E-11	9.33E-12	9.87E-08	3.11E-11	9.06E-12
6042	479381.46, 3850763.24	1.02E-07	3.23E-11	9.39E-12	1.01E-07	3.19E-11	9.27E-12	9.80E-08	3.09E-11	9.00E-12
6043	479293.61, 3850720.59	1.02E-07	3.22E-11	9.37E-12	1.01E-07	3.18E-11	9.24E-12	9.78E-08	3.09E-11	8.98E-12
6044	479205.76, 3850677.95	1.02E-07	3.21E-11	9.33E-12	1.00E-07	3.17E-11	9.21E-12	9.74E-08	3.07E-11	8.94E-12
6045	479117.9, 3850635.3	1.01E-07	3.20E-11	9.31E-12	1.00E-07	3.16E-11	9.19E-12	9.72E-08	3.07E-11	8.92E-12
6046	479030.05, 3850592.65	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
6047	478942.19, 3850550	9.94E-08	3.14E-11	9.13E-12	9.81E-08	3.10E-11	9.01E-12	9.53E-08	3.01E-11	8.75E-12
6048	478854.34, 3850507.36	9.71E-08	3.06E-11	8.91E-12	9.58E-08	3.02E-11	8.80E-12	9.30E-08	2.94E-11	8.54E-12
6049	478766.49, 3850464.71	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
6050	478678.63, 3850422.06	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
6051	478590.78, 3850379.41	9.36E-08	2.95E-11	8.59E-12	9.23E-08	2.91E-11	8.48E-12	8.97E-08	2.83E-11	8.23E-12
6052	478502.93, 3850336.77	9.27E-08	2.92E-11	8.51E-12	9.14E-08	2.89E-11	8.40E-12	8.88E-08	2.80E-11	8.15E-12
6053	478415.07, 3850294.12	9.19E-08	2.90E-11	8.43E-12	9.07E-08	2.86E-11	8.32E-12	8.81E-08	2.78E-11	8.08E-12
6054	478327.22, 3850251.47	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
6055	478239.36, 3850208.82	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12

6056	478151.51, 3850166.18	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
6057	478063.66, 3850123.53	8.84E-08	2.79E-11	8.11E-12	8.72E-08	2.75E-11	8.01E-12	8.47E-08	2.67E-11	7.77E-12
6058	477975.8, 3850080.88	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
6059	477887.95, 3850038.23	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
6060	477800.1, 3849995.59	8.86E-08	2.80E-11	8.14E-12	8.75E-08	2.76E-11	8.03E-12	8.49E-08	2.68E-11	7.80E-12
6061	477712.24, 3849952.94	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
6062	477624.39, 3849910.29	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
6063	477536.54, 3849867.64	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
6064	477448.68, 3849825	8.63E-08	2.72E-11	7.92E-12	8.52E-08	2.69E-11	7.82E-12	8.27E-08	2.61E-11	7.59E-12
6065	477360.83, 3849782.35	8.56E-08	2.70E-11	7.86E-12	8.45E-08	2.67E-11	7.76E-12	8.21E-08	2.59E-11	7.53E-12
6066	477272.97, 3849739.7	8.50E-08	2.68E-11	7.80E-12	8.39E-08	2.65E-11	7.70E-12	8.14E-08	2.57E-11	7.48E-12
6067	477185.12, 3849697.05	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
6068	477097.27, 3849654.41	8.35E-08	2.64E-11	7.67E-12	8.25E-08	2.60E-11	7.57E-12	8.01E-08	2.53E-11	7.35E-12
6069	477009.41, 3849611.76	8.24E-08	2.60E-11	7.56E-12	8.13E-08	2.57E-11	7.46E-12	7.89E-08	2.49E-11	7.25E-12
6070	476841.49, 3849530.08	8.08E-08	2.55E-11	7.42E-12	7.98E-08	2.52E-11	7.32E-12	7.75E-08	2.44E-11	7.11E-12
6071	476761.41, 3849491.05	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
6072	476681.34, 3849452.02	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
6073	476601.26, 3849412.99	7.86E-08	2.48E-11	7.22E-12	7.76E-08	2.45E-11	7.12E-12	7.53E-08	2.38E-11	6.92E-12
6074	476456.32, 3849353.67	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
6075	476305.43, 3849318.84	7.65E-08	2.42E-11	7.02E-12	7.55E-08	2.38E-11	6.93E-12	7.33E-08	2.31E-11	6.73E-12
6076	476129.36, 3849289.99	7.60E-08	2.40E-11	6.98E-12	7.50E-08	2.37E-11	6.89E-12	7.28E-08	2.30E-11	6.69E-12
6077	476039.31, 3849275.68	7.57E-08	2.39E-11	6.95E-12	7.48E-08	2.36E-11	6.86E-12	7.26E-08	2.29E-11	6.66E-12
6078	475949.26, 3849261.38	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
6079	475859.21, 3849247.08	7.43E-08	2.35E-11	6.82E-12	7.33E-08	2.31E-11	6.73E-12	7.12E-08	2.25E-11	6.54E-12
6080	475769.16, 3849232.77	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
6081	475585.23, 3849219.27	6.65E-08	2.10E-11	6.10E-12	6.56E-08	2.07E-11	6.03E-12	6.37E-08	2.01E-11	5.85E-12
6082	475444.5, 3849150.35	6.96E-08	2.20E-11	6.39E-12	6.87E-08	2.17E-11	6.31E-12	6.67E-08	2.11E-11	6.13E-12
6083	475334.18, 3849118.71	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
6084	475230.47, 3849060.57	6.91E-08	2.18E-11	6.34E-12	6.82E-08	2.15E-11	6.26E-12	6.62E-08	2.09E-11	6.08E-12
6085	475110.86, 3848960.97	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
6086	475037.79, 3848896.28	6.69E-08	2.11E-11	6.14E-12	6.60E-08	2.08E-11	6.06E-12	6.41E-08	2.02E-11	5.89E-12
6087	474964.72, 3848831.59	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
6088	474891.65, 3848766.9	6.52E-08	2.06E-11	5.99E-12	6.43E-08	2.03E-11	5.91E-12	6.25E-08	1.97E-11	5.74E-12
6089	474818.58, 3848702.22	6.48E-08	2.05E-11	5.95E-12	6.40E-08	2.02E-11	5.87E-12	6.21E-08	1.96E-11	5.70E-12
6090	474745.51, 3848637.53	6.53E-08	2.06E-11	6.00E-12	6.45E-08	2.03E-11	5.92E-12	6.26E-08	1.98E-11	5.75E-12
6091	474672.44, 3848572.84	6.51E-08	2.05E-11	5.97E-12	6.42E-08	2.03E-11	5.90E-12	6.24E-08	1.97E-11	5.72E-12
6092	474599.37, 3848508.15	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
6093	474526.3, 3848443.46	6.36E-08	2.01E-11	5.84E-12	6.28E-08	1.98E-11	5.77E-12	6.10E-08	1.92E-11	5.60E-12

Roads - Student Risk

		2028			2033			2048		
Rec#	X, Y	Concentratio	Dose	Risk	Concentratio	Dose	Risk	Concentratio	Dose	Risk
1	485973.61, 3854936.51	2.74E-07	4.32E-11	1.51E-11	2.71E-07	4.27E-11	1.49E-11	2.63E-07	4.14E-11	1.44E-11
2	486023.61, 3854936.51	2.72E-07	4.28E-11	1.49E-11	2.68E-07	4.22E-11	1.47E-11	2.60E-07	4.10E-11	1.43E-11
3	486073.61, 3854936.51	2.71E-07	4.27E-11	1.49E-11	2.67E-07	4.21E-11	1.47E-11	2.60E-07	4.09E-11	1.42E-11
4	486123.61, 3854936.51	2.65E-07	4.18E-11	1.45E-11	2.62E-07	4.12E-11	1.44E-11	2.54E-07	4.00E-11	1.39E-11
5	486173.61, 3854936.51	2.67E-07	4.20E-11	1.46E-11	2.63E-07	4.14E-11	1.44E-11	2.55E-07	4.02E-11	1.40E-11
6	486223.61, 3854936.51	2.63E-07	4.15E-11	1.44E-11	2.60E-07	4.09E-11	1.43E-11	2.52E-07	3.97E-11	1.38E-11
7	486273.61, 3854936.51	2.61E-07	4.11E-11	1.43E-11	2.57E-07	4.05E-11	1.41E-11	2.50E-07	3.94E-11	1.37E-11
8	486323.61, 3854936.51	2.59E-07	4.08E-11	1.42E-11	2.56E-07	4.03E-11	1.40E-11	2.48E-07	3.91E-11	1.36E-11
9	485973.61, 3854986.51	2.85E-07	4.49E-11	1.56E-11	2.81E-07	4.43E-11	1.54E-11	2.73E-07	4.30E-11	1.50E-11
10	486023.61, 3854986.51	2.83E-07	4.45E-11	1.55E-11	2.79E-07	4.39E-11	1.53E-11	2.71E-07	4.27E-11	1.49E-11
11	486073.61, 3854986.51	2.80E-07	4.41E-11	1.53E-11	2.76E-07	4.35E-11	1.51E-11	2.68E-07	4.22E-11	1.47E-11
12	486123.61, 3854986.51	2.77E-07	4.36E-11	1.52E-11	2.73E-07	4.31E-11	1.50E-11	2.66E-07	4.18E-11	1.46E-11
13	486173.61, 3854986.51	2.77E-07	4.36E-11	1.52E-11	2.73E-07	4.30E-11	1.50E-11	2.65E-07	4.18E-11	1.46E-11
14	486223.61, 3854986.51	2.73E-07	4.31E-11	1.50E-11	2.70E-07	4.25E-11	1.48E-11	2.62E-07	4.13E-11	1.44E-11
15	486273.61, 3854986.51	2.69E-07	4.23E-11	1.47E-11	2.65E-07	4.18E-11	1.45E-11	2.57E-07	4.06E-11	1.41E-11
16	486323.61, 3854986.51	2.71E-07	4.26E-11	1.48E-11	2.67E-07	4.21E-11	1.47E-11	2.59E-07	4.08E-11	1.42E-11
17	485973.61, 3855036.51	2.97E-07	4.68E-11	1.63E-11	2.93E-07	4.62E-11	1.61E-11	2.85E-07	4.48E-11	1.56E-11
18	486023.61, 3855036.51	2.93E-07	4.62E-11	1.61E-11	2.89E-07	4.56E-11	1.59E-11	2.81E-07	4.43E-11	1.54E-11
19	486073.61, 3855036.51	2.89E-07	4.55E-11	1.58E-11	2.85E-07	4.49E-11	1.56E-11	2.77E-07	4.36E-11	1.52E-11
20	486123.61, 3855036.51	2.86E-07	4.51E-11	1.57E-11	2.82E-07	4.45E-11	1.55E-11	2.74E-07	4.32E-11	1.51E-11
21	486173.61, 3855036.51	2.86E-07	4.51E-11	1.57E-11	2.83E-07	4.45E-11	1.55E-11	2.75E-07	4.32E-11	1.51E-11
22	486223.61, 3855036.51	2.82E-07	4.44E-11	1.55E-11	2.78E-07	4.38E-11	1.53E-11	2.70E-07	4.26E-11	1.48E-11
23	486273.61, 3855036.51	2.82E-07	4.45E-11	1.55E-11	2.79E-07	4.39E-11	1.53E-11	2.71E-07	4.26E-11	1.48E-11
24	486323.61, 3855036.51	2.79E-07	4.40E-11	1.53E-11	2.75E-07	4.34E-11	1.51E-11	2.67E-07	4.21E-11	1.47E-11
25	485973.61, 3855086.51	3.09E-07	4.87E-11	1.70E-11	3.05E-07	4.81E-11	1.67E-11	2.96E-07	4.67E-11	1.63E-11
26	486023.61, 3855086.51	3.06E-07	4.82E-11	1.68E-11	3.02E-07	4.75E-11	1.66E-11	2.93E-07	4.62E-11	1.61E-11
27	486073.61, 3855086.51	3.00E-07	4.73E-11	1.65E-11	2.96E-07	4.66E-11	1.62E-11	2.87E-07	4.53E-11	1.58E-11
28	486123.61, 3855086.51	2.99E-07	4.70E-11	1.64E-11	2.95E-07	4.64E-11	1.62E-11	2.86E-07	4.51E-11	1.57E-11
29	486173.61, 3855086.51	2.95E-07	4.64E-11	1.62E-11	2.91E-07	4.58E-11	1.60E-11	2.82E-07	4.45E-11	1.55E-11
30	486223.61, 3855086.51	2.94E-07	4.62E-11	1.61E-11	2.90E-07	4.56E-11	1.59E-11	2.81E-07	4.43E-11	1.54E-11
31	485973.61, 3855136.51	3.24E-07	5.10E-11	1.78E-11	3.20E-07	5.04E-11	1.76E-11	3.11E-07	4.89E-11	1.70E-11
32	486023.61, 3855136.51	3.18E-07	5.02E-11	1.75E-11	3.14E-07	4.95E-11	1.72E-11	3.05E-07	4.81E-11	1.67E-11
33	486073.61, 3855136.51	3.13E-07	4.93E-11	1.72E-11	3.09E-07	4.87E-11	1.70E-11	3.00E-07	4.73E-11	1.65E-11
34	486123.61, 3855136.51	3.10E-07	4.88E-11	1.70E-11	3.06E-07	4.82E-11	1.68E-11	2.97E-07	4.68E-11	1.63E-11
35	486173.61, 3855136.51	3.06E-07	4.83E-11	1.68E-11	3.02E-07	4.76E-11	1.66E-11	2.94E-07	4.63E-11	1.61E-11
36	486223.61, 3855136.51	3.04E-07	4.79E-11	1.67E-11	3.00E-07	4.73E-11	1.65E-11	2.91E-07	4.59E-11	1.60E-11
37	485973.61, 3855186.51	3.40E-07	5.36E-11	1.87E-11	3.36E-07	5.29E-11	1.84E-11	3.26E-07	5.13E-11	1.79E-11
38	486023.61, 3855186.51	3.34E-07	5.26E-11	1.83E-11	3.30E-07	5.19E-11	1.81E-11	3.20E-07	5.04E-11	1.76E-11
39	486073.61, 3855186.51	3.26E-07	5.14E-11	1.79E-11	3.22E-07	5.07E-11	1.77E-11	3.13E-07	4.93E-11	1.72E-11
40	486123.61, 3855186.51	3.20E-07	5.04E-11	1.76E-11	3.16E-07	4.98E-11	1.73E-11	3.07E-07	4.83E-11	1.68E-11
41	486173.61, 3855186.51	3.17E-07	4.99E-11	1.74E-11	3.12E-07	4.92E-11	1.72E-11	3.03E-07	4.78E-11	1.67E-11
42	486223.61, 3855186.51	3.14E-07	4.95E-11	1.72E-11	3.10E-07	4.88E-11	1.70E-11	3.01E-07	4.74E-11	1.65E-11
43	486273.61, 3855186.51	3.11E-07	4.90E-11	1.71E-11	3.07E-07	4.83E-11	1.68E-11	2.98E-07	4.69E-11	1.64E-11
44	486323.61, 3855186.51	3.15E-07	4.97E-11	1.73E-11	3.11E-07	4.90E-11	1.71E-11	3.02E-07	4.76E-11	1.66E-11
45	485973.61, 3855236.51	3.56E-07	5.61E-11	1.95E-11	3.51E-07	5.54E-11	1.93E-11	3.41E-07	5.38E-11	1.87E-11
46	486023.61, 3855236.51	3.47E-07	5.47E-11	1.91E-11	3.43E-07	5.40E-11	1.88E-11	3.33E-07	5.25E-11	1.83E-11
47	486073.61, 3855236.51	3.39E-07	5.33E-11	1.86E-11	3.34E-07	5.26E-11	1.83E-11	3.25E-07	5.11E-11	1.78E-11
48	486123.61, 3855236.51	3.33E-07	5.24E-11	1.83E-11	3.28E-07	5.17E-11	1.80E-11	3.19E-07	5.02E-11	1.75E-11
49	486173.61, 3855236.51	3.28E-07	5.17E-11	1.80E-11	3.24E-07	5.11E-11	1.78E-11	3.15E-07	4.96E-11	1.73E-11
50	486223.61, 3855236.51	3.24E-07	5.11E-11	1.78E-11	3.20E-07	5.04E-11	1.76E-11	3.11E-07	4.90E-11	1.71E-11
51	486273.61, 3855236.51	3.18E-07	5.01E-11	1.74E-11	3.14E-07	4.94E-11	1.72E-11	3.05E-07	4.80E-11	1.67E-11
52	486323.61, 3855236.51	3.26E-07	5.13E-11	1.79E-11	3.21E-07	5.06E-11	1.76E-11	3.12E-07	4.92E-11	1.71E-11
53	485973.61, 3855286.51	3.72E-07	5.86E-11	2.04E-11	3.67E-07	5.78E-11	2.02E-11	3.57E-07	5.62E-11	1.96E-11
54	486023.61, 3855286.51	3.62E-07	5.71E-11	1.99E-11	3.58E-07	5.63E-11	1.96E-11	3.47E-07	5.47E-11	1.91E-11
55	486073.61, 3855286.51	3.54E-07	5.58E-11	1.94E-11	3.49E-07	5.51E-11	1.92E-11	3.39E-07	5.35E-11	1.86E-11
56	486123.61, 3855286.51	3.46E-07	5.44E-11	1.90E-11	3.41E-07	5.37E-11	1.87E-11	3.31E-07	5.22E-11	1.82E-11
57	486173.61, 3855286.51	3.39E-07	5.34E-11	1.86E-11	3.35E-07	5.27E-11	1.84E-11	3.25E-07	5.12E-11	1.78E-11
58	486223.61, 3855286.51	3.36E-07	5.29E-11	1.84E-11	3.31E-07	5.22E-11	1.82E-11	3.22E-07	5.07E-11	1.77E-11
59	486123.61, 3855336.51	3.60E-07	5.66E-11	1.97E-11	3.55E-07	5.59E-11	1.95E-11	3.45E-07	5.43E-11	1.89E-11
60	486173.61, 3855336.51	3.53E-07	5.57E-11	1.94E-11	3.49E-07	5.49E-11	1.91E-11	3.39E-07	5.33E-11	1.86E-11
61	486223.61, 3855336.51	3.48E-07	5.48E-11	1.91E-11	3.43E-07	5.40E-11	1.88E-11	3.33E-07	5.25E-11	1.83E-11
62	486123.61, 3855386.51	3.75E-07	5.91E-11	2.06E-11	3.70E-07	5.84E-11	2.03E-11	3.60E-07	5.67E-11	1.97E-11
63	486173.61, 3855386.51	3.68E-07	5.80E-11	2.02E-11	3.63E-07	5.72E-11	1.99E-11	3.53E-07	5.56E-11	1.94E-11
64	486223.61, 3855386.51	3.62E-07	5.71E-11	1.99E-11	3.57E-07	5.63E-11	1.96E-11	3.47E-07	5.47E-11	1.90E-11
65	486533.18, 3855443.15	3.63E-07	5.72E-11	1.99E-11	3.58E-07	5.64E-11	1.97E-11	3.48E-07	5.48E-11	1.91E-11
66	486583.18, 3855443.15	3.60E-07	5.67E-11	1.98E-11	3.55E-07	5.60E-11	1.95E-11	3.45E-07	5.44E-11	1.89E-11

67	486633.18, 3855443.15	3.57E-07	5.63E-11	1.96E-11	3.52E-07	5.55E-11	1.93E-11	3.42E-07	5.39E-11	1.88E-11
68	486683.18, 3855443.15	3.57E-07	5.62E-11	1.96E-11	3.52E-07	5.54E-11	1.93E-11	3.42E-07	5.38E-11	1.88E-11
69	486533.18, 3855493.15	3.75E-07	5.91E-11	2.06E-11	3.70E-07	5.83E-11	2.03E-11	3.59E-07	5.66E-11	1.97E-11
70	486583.18, 3855493.15	3.73E-07	5.87E-11	2.05E-11	3.68E-07	5.80E-11	2.02E-11	3.57E-07	5.63E-11	1.96E-11
71	486633.18, 3855493.15	3.70E-07	5.83E-11	2.03E-11	3.65E-07	5.76E-11	2.01E-11	3.55E-07	5.59E-11	1.95E-11
72	486683.18, 3855493.15	3.68E-07	5.79E-11	2.02E-11	3.63E-07	5.72E-11	1.99E-11	3.52E-07	5.55E-11	1.93E-11
73	486533.18, 3855543.15	3.89E-07	6.12E-11	2.13E-11	3.84E-07	6.04E-11	2.10E-11	3.72E-07	5.87E-11	2.04E-11
74	486583.18, 3855543.15	3.84E-07	6.05E-11	2.11E-11	3.79E-07	5.97E-11	2.08E-11	3.68E-07	5.80E-11	2.02E-11
75	486633.18, 3855543.15	3.82E-07	6.02E-11	2.10E-11	3.77E-07	5.94E-11	2.07E-11	3.66E-07	5.77E-11	2.01E-11
76	486683.18, 3855543.15	3.77E-07	5.93E-11	2.07E-11	3.72E-07	5.86E-11	2.04E-11	3.61E-07	5.69E-11	1.98E-11
77	486533.18, 3855593.15	4.01E-07	6.32E-11	2.20E-11	3.96E-07	6.24E-11	2.17E-11	3.85E-07	6.06E-11	2.11E-11
78	486583.18, 3855593.15	3.97E-07	6.26E-11	2.18E-11	3.92E-07	6.18E-11	2.15E-11	3.81E-07	6.00E-11	2.09E-11
79	486633.18, 3855593.15	3.94E-07	6.21E-11	2.16E-11	3.89E-07	6.13E-11	2.14E-11	3.78E-07	5.96E-11	2.07E-11
80	486683.18, 3855593.15	3.93E-07	6.19E-11	2.15E-11	3.87E-07	6.10E-11	2.13E-11	3.76E-07	5.93E-11	2.07E-11
81	486533.18, 3855643.15	4.15E-07	6.54E-11	2.28E-11	4.10E-07	6.45E-11	2.25E-11	3.98E-07	6.27E-11	2.18E-11
82	486583.18, 3855643.15	4.12E-07	6.48E-11	2.26E-11	4.06E-07	6.40E-11	2.23E-11	3.94E-07	6.21E-11	2.17E-11
83	486633.18, 3855643.15	4.08E-07	6.43E-11	2.24E-11	4.03E-07	6.35E-11	2.21E-11	3.91E-07	6.17E-11	2.15E-11
84	486683.18, 3855643.15	4.06E-07	6.39E-11	2.23E-11	4.00E-07	6.31E-11	2.20E-11	3.89E-07	6.13E-11	2.13E-11
85	486533.18, 3855693.15	4.32E-07	6.80E-11	2.37E-11	4.26E-07	6.71E-11	2.34E-11	4.14E-07	6.52E-11	2.27E-11
86	486583.18, 3855693.15	4.25E-07	6.69E-11	2.33E-11	4.19E-07	6.60E-11	2.30E-11	4.07E-07	6.41E-11	2.23E-11
87	486633.18, 3855693.15	4.18E-07	6.59E-11	2.30E-11	4.13E-07	6.50E-11	2.27E-11	4.01E-07	6.31E-11	2.20E-11
88	486683.18, 3855693.15	4.19E-07	6.60E-11	2.30E-11	4.14E-07	6.52E-11	2.27E-11	4.02E-07	6.33E-11	2.20E-11
89	486733.18, 3855693.15	4.23E-07	6.66E-11	2.32E-11	4.17E-07	6.57E-11	2.29E-11	4.05E-07	6.38E-11	2.22E-11
90	486783.18, 3855693.15	4.28E-07	6.75E-11	2.35E-11	4.23E-07	6.66E-11	2.32E-11	4.10E-07	6.47E-11	2.25E-11
91	486533.18, 3855743.15	4.47E-07	7.05E-11	2.46E-11	4.42E-07	6.96E-11	2.42E-11	4.29E-07	6.75E-11	2.35E-11
92	486583.18, 3855743.15	4.37E-07	6.89E-11	2.40E-11	4.31E-07	6.80E-11	2.37E-11	4.19E-07	6.60E-11	2.30E-11
93	486633.18, 3855743.15	4.32E-07	6.81E-11	2.37E-11	4.27E-07	6.72E-11	2.34E-11	4.14E-07	6.53E-11	2.27E-11
94	486683.18, 3855743.15	4.35E-07	6.86E-11	2.39E-11	4.30E-07	6.77E-11	2.36E-11	4.17E-07	6.57E-11	2.29E-11
95	486733.18, 3855743.15	4.36E-07	6.86E-11	2.39E-11	4.30E-07	6.77E-11	2.36E-11	4.18E-07	6.58E-11	2.29E-11
96	486783.18, 3855743.15	4.43E-07	6.98E-11	2.43E-11	4.38E-07	6.89E-11	2.40E-11	4.25E-07	6.69E-11	2.33E-11
97	486533.18, 3855793.15	4.65E-07	7.33E-11	2.55E-11	4.59E-07	7.23E-11	2.52E-11	4.46E-07	7.02E-11	2.45E-11
98	486583.18, 3855793.15	4.49E-07	7.07E-11	2.46E-11	4.43E-07	6.98E-11	2.43E-11	4.30E-07	6.78E-11	2.36E-11
99	486633.18, 3855793.15	4.50E-07	7.09E-11	2.47E-11	4.44E-07	7.00E-11	2.44E-11	4.32E-07	6.80E-11	2.37E-11
100	486683.18, 3855793.15	4.53E-07	7.14E-11	2.49E-11	4.47E-07	7.05E-11	2.45E-11	4.34E-07	6.84E-11	2.38E-11
101	486733.18, 3855793.15	4.55E-07	7.16E-11	2.50E-11	4.49E-07	7.07E-11	2.46E-11	4.36E-07	6.87E-11	2.39E-11
102	486783.18, 3855793.15	4.58E-07	7.21E-11	2.51E-11	4.52E-07	7.12E-11	2.48E-11	4.39E-07	6.91E-11	2.41E-11
103	486533.18, 3855843.15	4.80E-07	7.56E-11	2.63E-11	4.74E-07	7.46E-11	2.60E-11	4.60E-07	7.25E-11	2.52E-11
104	486583.18, 3855843.15	4.67E-07	7.36E-11	2.56E-11	4.61E-07	7.26E-11	2.53E-11	4.48E-07	7.05E-11	2.46E-11
105	486633.18, 3855843.15	4.68E-07	7.37E-11	2.57E-11	4.61E-07	7.27E-11	2.53E-11	4.48E-07	7.06E-11	2.46E-11
106	486683.18, 3855843.15	4.70E-07	7.40E-11	2.58E-11	4.63E-07	7.30E-11	2.54E-11	4.50E-07	7.09E-11	2.47E-11
107	486733.18, 3855843.15	4.72E-07	7.44E-11	2.59E-11	4.66E-07	7.34E-11	2.56E-11	4.53E-07	7.13E-11	2.48E-11
108	486783.18, 3855843.15	4.75E-07	7.48E-11	2.61E-11	4.69E-07	7.38E-11	2.57E-11	4.55E-07	7.17E-11	2.50E-11
109	486533.18, 3855893.15	4.90E-07	7.73E-11	2.69E-11	4.84E-07	7.63E-11	2.66E-11	4.70E-07	7.41E-11	2.58E-11
110	486583.18, 3855893.15	4.88E-07	7.69E-11	2.68E-11	4.82E-07	7.59E-11	2.64E-11	4.68E-07	7.37E-11	2.57E-11
111	486633.18, 3855893.15	4.86E-07	7.66E-11	2.67E-11	4.80E-07	7.56E-11	2.63E-11	4.66E-07	7.34E-11	2.56E-11
112	486683.18, 3855893.15	4.87E-07	7.67E-11	2.67E-11	4.81E-07	7.57E-11	2.64E-11	4.67E-07	7.35E-11	2.56E-11
113	486733.18, 3855893.15	4.89E-07	7.71E-11	2.68E-11	4.83E-07	7.61E-11	2.65E-11	4.69E-07	7.39E-11	2.57E-11
114	486783.18, 3855893.15	4.93E-07	7.77E-11	2.71E-11	4.87E-07	7.67E-11	2.67E-11	4.73E-07	7.45E-11	2.60E-11
115	486533.18, 3855943.15	5.09E-07	8.01E-11	2.79E-11	5.02E-07	7.91E-11	2.76E-11	4.88E-07	7.68E-11	2.68E-11
116	486583.18, 3855943.15	5.10E-07	8.04E-11	2.80E-11	5.04E-07	7.93E-11	2.76E-11	4.89E-07	7.70E-11	2.68E-11
117	486633.18, 3855943.15	5.06E-07	7.97E-11	2.78E-11	4.99E-07	7.87E-11	2.74E-11	4.85E-07	7.64E-11	2.66E-11
118	486683.18, 3855943.15	5.07E-07	7.99E-11	2.78E-11	5.01E-07	7.89E-11	2.75E-11	4.86E-07	7.66E-11	2.67E-11
119	486733.18, 3855943.15	5.07E-07	7.99E-11	2.78E-11	5.00E-07	7.88E-11	2.75E-11	4.86E-07	7.65E-11	2.67E-11
120	486783.18, 3855943.15	5.11E-07	8.06E-11	2.81E-11	5.05E-07	7.95E-11	2.77E-11	4.90E-07	7.72E-11	2.69E-11
121	486533.18, 3855993.15	5.31E-07	8.36E-11	2.91E-11	5.24E-07	8.25E-11	2.88E-11	5.09E-07	8.01E-11	2.79E-11
122	486583.18, 3855993.15	5.30E-07	8.35E-11	2.91E-11	5.23E-07	8.24E-11	2.87E-11	5.08E-07	8.00E-11	2.79E-11
123	486633.18, 3855993.15	5.28E-07	8.31E-11	2.90E-11	5.21E-07	8.20E-11	2.86E-11	5.06E-07	7.97E-11	2.77E-11
124	486683.18, 3855993.15	5.28E-07	8.31E-11	2.90E-11	5.21E-07	8.20E-11	2.86E-11	5.06E-07	7.97E-11	2.78E-11
125	486733.18, 3855993.15	5.27E-07	8.30E-11	2.89E-11	5.20E-07	8.19E-11	2.85E-11	5.05E-07	7.96E-11	2.77E-11
126	486783.18, 3855993.15	5.29E-07	8.33E-11	2.90E-11	5.22E-07	8.22E-11	2.87E-11	5.07E-07	7.99E-11	2.78E-11
127	486533.18, 3856043.15	5.51E-07	8.69E-11	3.03E-11	5.44E-07	8.57E-11	2.99E-11	5.28E-07	8.32E-11	2.90E-11
128	486583.18, 3856043.15	5.53E-07	8.71E-11	3.03E-11	5.46E-07	8.60E-11	2.99E-11	5.30E-07	8.35E-11	2.91E-11
129	486633.18, 3856043.15	5.50E-07	8.66E-11	3.02E-11	5.43E-07	8.55E-11	2.98E-11	5.27E-07	8.30E-11	2.89E-11
130	486683.18, 3856043.15	5.50E-07	8.67E-11	3.02E-11	5.43E-07	8.56E-11	2.98E-11	5.27E-07	8.31E-11	2.89E-11
131	486733.18, 3856043.15	5.48E-07	8.63E-11	3.01E-11	5.40E-07	8.51E-11	2.97E-11	5.25E-07	8.27E-11	2.88E-11
132	486783.18, 3856043.15	5.51E-07	8.67E-11	3.02E-11	5.43E-07	8.56E-11	2.98E-11	5.28E-07	8.31E-11	2.90E-11
133	486533.18, 3856093.15	5.74E-07	9.04E-11	3.15E-11	5.66E-07	8.92E-11	3.11E-11	5.50E-07	8.66E-11	3.02E-11
134	486583.18, 3856093.15	5.74E-07	9.05E-11	3.15E-11	5.67E-07	8.93E-11	3.11E-11	5.51E-07	8.67E-11	3.02E-11
135	486633.18, 3856093.15	5.73E-07	9.03E-11	3.15E-11	5.66E-07	8.91E-11	3.11E-11	5.49E-07	8.65E-11	3.02E-11
136	486683.18, 3856093.15	5.73E-07	9.03E-11	3.15E-11	5.66E-07	8.91E-11	3.10E-11	5.49E-07	8.65E-11	3.01E-11

137	486733.18, 3856093.15	5.71E-07	8.99E-11	3.13E-11	5.63E-07	8.88E-11	3.09E-11	5.47E-07	8.62E-11	3.00E-11
138	486783.18, 3856093.15	5.72E-07	9.01E-11	3.14E-11	5.64E-07	8.89E-11	3.10E-11	5.48E-07	8.63E-11	3.01E-11
139	486533.18, 3856143.15	5.94E-07	9.36E-11	3.26E-11	5.86E-07	9.24E-11	3.22E-11	5.69E-07	8.97E-11	3.12E-11
140	486583.18, 3856143.15	5.94E-07	9.36E-11	3.26E-11	5.86E-07	9.24E-11	3.22E-11	5.69E-07	8.97E-11	3.12E-11
141	486633.18, 3856143.15	5.96E-07	9.39E-11	3.27E-11	5.88E-07	9.27E-11	3.23E-11	5.71E-07	9.00E-11	3.14E-11
142	486683.18, 3856143.15	5.96E-07	9.39E-11	3.27E-11	5.88E-07	9.27E-11	3.23E-11	5.71E-07	9.00E-11	3.14E-11
143	486733.18, 3856143.15	5.95E-07	9.37E-11	3.26E-11	5.87E-07	9.25E-11	3.22E-11	5.70E-07	8.98E-11	3.13E-11
144	486783.18, 3856143.15	5.97E-07	9.41E-11	3.28E-11	5.90E-07	9.29E-11	3.24E-11	5.72E-07	9.02E-11	3.14E-11
145	486533.18, 3856193.15	6.15E-07	9.69E-11	3.38E-11	6.07E-07	9.57E-11	3.33E-11	5.90E-07	9.29E-11	3.24E-11
146	486583.18, 3856193.15	6.15E-07	9.69E-11	3.38E-11	6.07E-07	9.56E-11	3.33E-11	5.90E-07	9.29E-11	3.24E-11
147	486633.18, 3856193.15	6.18E-07	9.74E-11	3.39E-11	6.10E-07	9.61E-11	3.35E-11	5.93E-07	9.34E-11	3.25E-11
148	486683.18, 3856193.15	6.22E-07	9.81E-11	3.42E-11	6.14E-07	9.68E-11	3.37E-11	5.97E-07	9.40E-11	3.27E-11
149	486733.18, 3856193.15	6.21E-07	9.78E-11	3.41E-11	6.13E-07	9.65E-11	3.36E-11	5.95E-07	9.37E-11	3.27E-11
150	486783.18, 3856193.15	6.23E-07	9.82E-11	3.42E-11	6.15E-07	9.69E-11	3.38E-11	5.97E-07	9.41E-11	3.28E-11
151	486533.18, 3856243.15	6.33E-07	9.98E-11	3.48E-11	6.25E-07	9.85E-11	3.43E-11	6.07E-07	9.56E-11	3.33E-11
152	486583.18, 3856243.15	6.38E-07	1.01E-10	3.50E-11	6.30E-07	9.92E-11	3.46E-11	6.12E-07	9.64E-11	3.36E-11
153	486633.18, 3856243.15	6.42E-07	1.01E-10	3.52E-11	6.33E-07	9.97E-11	3.48E-11	6.15E-07	9.69E-11	3.37E-11
154	486683.18, 3856243.15	6.45E-07	1.02E-10	3.54E-11	6.37E-07	1.00E-10	3.49E-11	6.18E-07	9.74E-11	3.39E-11
155	486733.18, 3856243.15	6.49E-07	1.02E-10	3.56E-11	6.40E-07	1.01E-10	3.51E-11	6.22E-07	9.79E-11	3.41E-11
156	486783.18, 3856243.15	6.49E-07	1.02E-10	3.56E-11	6.40E-07	1.01E-10	3.51E-11	6.22E-07	9.79E-11	3.41E-11
157	486533.18, 3856293.15	6.50E-07	1.02E-10	3.57E-11	6.41E-07	1.01E-10	3.52E-11	6.23E-07	9.81E-11	3.42E-11
158	486583.18, 3856293.15	6.57E-07	1.04E-10	3.61E-11	6.49E-07	1.02E-10	3.56E-11	6.30E-07	9.93E-11	3.46E-11
159	486633.18, 3856293.15	6.64E-07	1.05E-10	3.64E-11	6.55E-07	1.03E-10	3.60E-11	6.36E-07	1.00E-10	3.49E-11
160	486683.18, 3856293.15	6.69E-07	1.05E-10	3.67E-11	6.60E-07	1.04E-10	3.62E-11	6.41E-07	1.01E-10	3.52E-11
161	486733.18, 3856293.15	6.75E-07	1.06E-10	3.71E-11	6.66E-07	1.05E-10	3.66E-11	6.47E-07	1.02E-10	3.55E-11
162	486783.18, 3856293.15	6.76E-07	1.07E-10	3.71E-11	6.67E-07	1.05E-10	3.66E-11	6.48E-07	1.02E-10	3.56E-11
163	486783.18, 3856343.15	7.07E-07	1.11E-10	3.88E-11	6.97E-07	1.10E-10	3.83E-11	6.77E-07	1.07E-10	3.72E-11
164	486833.18, 3856343.15	7.09E-07	1.12E-10	3.89E-11	7.00E-07	1.10E-10	3.84E-11	6.80E-07	1.07E-10	3.73E-11
165	486883.18, 3856343.15	7.10E-07	1.12E-10	3.90E-11	7.01E-07	1.10E-10	3.85E-11	6.81E-07	1.07E-10	3.74E-11
166	486783.18, 3856393.15	7.32E-07	1.15E-10	4.02E-11	7.22E-07	1.14E-10	3.97E-11	7.02E-07	1.11E-10	3.85E-11
167	486833.18, 3856393.15	7.37E-07	1.16E-10	4.05E-11	7.27E-07	1.15E-10	3.99E-11	7.06E-07	1.11E-10	3.88E-11
168	486883.18, 3856393.15	7.37E-07	1.16E-10	4.05E-11	7.28E-07	1.15E-10	3.99E-11	7.07E-07	1.11E-10	3.88E-11
169	487208.74, 3856886.11	1.14E-06	1.80E-10	6.26E-11	1.12E-06	1.77E-10	6.17E-11	1.09E-06	1.72E-10	5.99E-11
170	487258.74, 3856886.11	1.15E-06	1.81E-10	6.30E-11	1.13E-06	1.78E-10	6.21E-11	1.10E-06	1.73E-10	6.03E-11
171	487308.74, 3856886.11	1.15E-06	1.81E-10	6.31E-11	1.13E-06	1.79E-10	6.23E-11	1.10E-06	1.74E-10	6.05E-11
172	487358.74, 3856886.11	1.15E-06	1.81E-10	6.30E-11	1.13E-06	1.78E-10	6.22E-11	1.10E-06	1.73E-10	6.04E-11
173	487208.74, 3856936.11	1.18E-06	1.86E-10	6.48E-11	1.16E-06	1.83E-10	6.39E-11	1.13E-06	1.78E-10	6.21E-11
174	487258.74, 3856936.11	1.20E-06	1.89E-10	6.57E-11	1.18E-06	1.86E-10	6.49E-11	1.15E-06	1.81E-10	6.30E-11
175	487308.74, 3856936.11	1.21E-06	1.90E-10	6.63E-11	1.19E-06	1.88E-10	6.54E-11	1.16E-06	1.82E-10	6.35E-11
176	487358.74, 3856936.11	1.21E-06	1.90E-10	6.63E-11	1.19E-06	1.88E-10	6.55E-11	1.16E-06	1.83E-10	6.36E-11
177	487208.74, 3856986.11	1.21E-06	1.91E-10	6.65E-11	1.20E-06	1.88E-10	6.56E-11	1.16E-06	1.83E-10	6.37E-11
178	487258.74, 3856986.11	1.24E-06	1.96E-10	6.83E-11	1.23E-06	1.94E-10	6.74E-11	1.19E-06	1.88E-10	6.55E-11
179	487308.74, 3856986.11	1.26E-06	1.99E-10	6.92E-11	1.24E-06	1.96E-10	6.83E-11	1.21E-06	1.90E-10	6.63E-11
180	487358.74, 3856986.11	1.27E-06	2.00E-10	6.98E-11	1.26E-06	1.98E-10	6.89E-11	1.22E-06	1.92E-10	6.69E-11
181	487208.74, 3857036.11	1.23E-06	1.94E-10	6.76E-11	1.22E-06	1.92E-10	6.68E-11	1.18E-06	1.86E-10	6.48E-11
182	487258.74, 3857036.11	1.28E-06	2.01E-10	7.00E-11	1.26E-06	1.98E-10	6.91E-11	1.22E-06	1.93E-10	6.71E-11
183	487308.74, 3857036.11	1.31E-06	2.07E-10	7.20E-11	1.30E-06	2.04E-10	7.11E-11	1.26E-06	1.98E-10	6.90E-11
184	487358.74, 3857036.11	1.33E-06	2.10E-10	7.32E-11	1.32E-06	2.07E-10	7.23E-11	1.28E-06	2.01E-10	7.02E-11
185	487427.14, 3856878.23	1.14E-06	1.80E-10	6.27E-11	1.13E-06	1.78E-10	6.19E-11	1.09E-06	1.72E-10	6.01E-11
186	487477.14, 3856878.23	1.15E-06	1.81E-10	6.29E-11	1.13E-06	1.78E-10	6.21E-11	1.10E-06	1.73E-10	6.03E-11
187	487527.14, 3856878.23	1.15E-06	1.81E-10	6.32E-11	1.14E-06	1.79E-10	6.24E-11	1.10E-06	1.74E-10	6.06E-11
188	487427.14, 3856928.23	1.20E-06	1.89E-10	6.59E-11	1.18E-06	1.87E-10	6.50E-11	1.15E-06	1.81E-10	6.31E-11
189	487477.14, 3856928.23	1.20E-06	1.89E-10	6.58E-11	1.18E-06	1.86E-10	6.50E-11	1.15E-06	1.81E-10	6.31E-11
190	487527.14, 3856928.23	1.20E-06	1.90E-10	6.61E-11	1.19E-06	1.87E-10	6.52E-11	1.15E-06	1.82E-10	6.33E-11
191	487577.14, 3856928.23	1.21E-06	1.91E-10	6.65E-11	1.19E-06	1.88E-10	6.56E-11	1.16E-06	1.83E-10	6.37E-11
192	487627.14, 3856928.23	1.22E-06	1.92E-10	6.69E-11	1.20E-06	1.89E-10	6.60E-11	1.17E-06	1.84E-10	6.41E-11
193	487677.14, 3856928.23	1.23E-06	1.94E-10	6.78E-11	1.22E-06	1.92E-10	6.69E-11	1.18E-06	1.86E-10	6.49E-11
194	487727.14, 3856928.23	1.25E-06	1.97E-10	6.87E-11	1.24E-06	1.95E-10	6.78E-11	1.20E-06	1.89E-10	6.58E-11
195	487777.14, 3856928.23	1.26E-06	1.99E-10	6.94E-11	1.25E-06	1.97E-10	6.85E-11	1.21E-06	1.91E-10	6.65E-11
196	487427.14, 3856978.23	1.26E-06	1.99E-10	6.93E-11	1.25E-06	1.96E-10	6.84E-11	1.21E-06	1.91E-10	6.64E-11
197	487477.14, 3856978.23	1.26E-06	1.99E-10	6.93E-11	1.25E-06	1.96E-10	6.84E-11	1.21E-06	1.91E-10	6.64E-11
198	487527.14, 3856978.23	1.26E-06	1.99E-10	6.94E-11	1.25E-06	1.96E-10	6.85E-11	1.21E-06	1.91E-10	6.65E-11
199	487577.14, 3856978.23	1.27E-06	2.00E-10	6.96E-11	1.25E-06	1.97E-10	6.86E-11	1.21E-06	1.91E-10	6.67E-11
200	487627.14, 3856978.23	1.27E-06	2.00E-10	6.98E-11	1.26E-06	1.98E-10	6.89E-11	1.22E-06	1.92E-10	6.69E-11
201	487677.14, 3856978.23	1.29E-06	2.03E-10	7.06E-11	1.27E-06	2.00E-10	6.97E-11	1.23E-06	1.94E-10	6.77E-11
202	487727.14, 3856978.23	1.29E-06	2.04E-10	7.10E-11	1.28E-06	2.01E-10	7.01E-11	1.24E-06	1.95E-10	6.80E-11
203	487777.14, 3856978.23	1.32E-06	2.08E-10	7.25E-11	1.30E-06	2.05E-10	7.16E-11	1.27E-06	1.99E-10	6.95E-11
204	487427.14, 3857028.23	1.33E-06	2.10E-10	7.32E-11	1.32E-06	2.07E-10	7.22E-11	1.28E-06	2.01E-10	7.01E-11
205	487477.14, 3857028.23	1.33E-06	2.10E-10	7.31E-11	1.32E-06	2.07E-10	7.22E-11	1.28E-06	2.01E-10	7.01E-11
206	487527.14, 3857028.23	1.33E-06	2.09E-10	7.30E-11	1.31E-06	2.07E-10	7.20E-11	1.27E-06	2.01E-10	6.99E-11

207	487577.14, 3857028.23	1.33E-06	2.10E-10	7.31E-11	1.31E-06	2.07E-10	7.21E-11	1.28E-06	2.01E-10	7.00E-11
208	487627.14, 3857028.23	1.33E-06	2.10E-10	7.31E-11	1.31E-06	2.07E-10	7.21E-11	1.28E-06	2.01E-10	7.01E-11
209	487677.14, 3857028.23	1.34E-06	2.12E-10	7.37E-11	1.33E-06	2.09E-10	7.28E-11	1.29E-06	2.03E-10	7.06E-11
210	487727.14, 3857028.23	1.36E-06	2.15E-10	7.47E-11	1.34E-06	2.12E-10	7.38E-11	1.31E-06	2.06E-10	7.16E-11
211	487777.14, 3857028.23	1.38E-06	2.17E-10	7.57E-11	1.36E-06	2.14E-10	7.47E-11	1.32E-06	2.08E-10	7.25E-11
212	487427.14, 3857078.23	1.40E-06	2.21E-10	7.71E-11	1.39E-06	2.18E-10	7.61E-11	1.35E-06	2.12E-10	7.39E-11
213	487477.14, 3857078.23	1.41E-06	2.22E-10	7.72E-11	1.39E-06	2.19E-10	7.62E-11	1.35E-06	2.12E-10	7.40E-11
214	487527.14, 3857078.23	1.41E-06	2.21E-10	7.71E-11	1.39E-06	2.19E-10	7.61E-11	1.35E-06	2.12E-10	7.39E-11
215	487577.14, 3857078.23	1.40E-06	2.21E-10	7.70E-11	1.38E-06	2.18E-10	7.60E-11	1.34E-06	2.12E-10	7.38E-11
216	487627.14, 3857078.23	1.40E-06	2.21E-10	7.70E-11	1.38E-06	2.18E-10	7.60E-11	1.34E-06	2.12E-10	7.38E-11
217	487677.14, 3857078.23	1.41E-06	2.22E-10	7.74E-11	1.39E-06	2.19E-10	7.64E-11	1.35E-06	2.13E-10	7.41E-11
218	487727.14, 3857078.23	1.42E-06	2.24E-10	7.82E-11	1.41E-06	2.21E-10	7.72E-11	1.37E-06	2.15E-10	7.49E-11
219	487777.14, 3857078.23	1.44E-06	2.27E-10	7.89E-11	1.42E-06	2.24E-10	7.79E-11	1.38E-06	2.17E-10	7.57E-11
220	487427.14, 3857128.23	1.47E-06	2.32E-10	8.08E-11	1.45E-06	2.29E-10	7.97E-11	1.41E-06	2.22E-10	7.74E-11
221	487477.14, 3857128.23	1.48E-06	2.34E-10	8.15E-11	1.46E-06	2.31E-10	8.04E-11	1.42E-06	2.24E-10	7.81E-11
222	487527.14, 3857128.23	1.48E-06	2.34E-10	8.15E-11	1.47E-06	2.31E-10	8.04E-11	1.42E-06	2.24E-10	7.81E-11
223	487577.14, 3857128.23	1.48E-06	2.34E-10	8.14E-11	1.46E-06	2.31E-10	8.03E-11	1.42E-06	2.24E-10	7.80E-11
224	487627.14, 3857128.23	1.48E-06	2.33E-10	8.13E-11	1.46E-06	2.30E-10	8.03E-11	1.42E-06	2.24E-10	7.79E-11
225	487677.14, 3857128.23	1.48E-06	2.33E-10	8.13E-11	1.46E-06	2.30E-10	8.03E-11	1.42E-06	2.24E-10	7.79E-11
226	487727.14, 3857128.23	1.50E-06	2.36E-10	8.21E-11	1.48E-06	2.33E-10	8.10E-11	1.43E-06	2.26E-10	7.87E-11
227	487777.14, 3857128.23	1.51E-06	2.38E-10	8.28E-11	1.49E-06	2.35E-10	8.17E-11	1.45E-06	2.28E-10	7.93E-11
228	488049.44, 3856539.39	9.99E-07	1.57E-10	5.48E-11	9.86E-07	1.55E-10	5.41E-11	9.57E-07	1.51E-10	5.25E-11
229	488099.44, 3856539.39	1.00E-06	1.58E-10	5.51E-11	9.91E-07	1.56E-10	5.44E-11	9.62E-07	1.52E-10	5.28E-11
230	488149.44, 3856539.39	1.01E-06	1.60E-10	5.56E-11	1.00E-06	1.58E-10	5.49E-11	9.71E-07	1.53E-10	5.33E-11
231	488049.44, 3856589.39	1.04E-06	1.64E-10	5.70E-11	1.02E-06	1.61E-10	5.63E-11	9.95E-07	1.57E-10	5.46E-11
232	488099.44, 3856589.39	1.04E-06	1.65E-10	5.74E-11	1.03E-06	1.62E-10	5.66E-11	1.00E-06	1.58E-10	5.50E-11
233	488149.44, 3856589.39	1.05E-06	1.66E-10	5.78E-11	1.04E-06	1.64E-10	5.70E-11	1.01E-06	1.59E-10	5.54E-11
234	488199.44, 3856589.39	1.06E-06	1.67E-10	5.81E-11	1.04E-06	1.65E-10	5.73E-11	1.01E-06	1.60E-10	5.57E-11
235	488249.44, 3856589.39	1.07E-06	1.69E-10	5.90E-11	1.06E-06	1.67E-10	5.82E-11	1.03E-06	1.62E-10	5.65E-11
236	488049.44, 3856639.39	1.08E-06	1.70E-10	5.92E-11	1.06E-06	1.68E-10	5.84E-11	1.03E-06	1.63E-10	5.68E-11
237	488099.44, 3856639.39	1.09E-06	1.71E-10	5.96E-11	1.07E-06	1.69E-10	5.88E-11	1.04E-06	1.64E-10	5.71E-11
238	488149.44, 3856639.39	1.09E-06	1.72E-10	6.00E-11	1.08E-06	1.70E-10	5.92E-11	1.05E-06	1.65E-10	5.75E-11
239	488199.44, 3856639.39	1.10E-06	1.74E-10	6.06E-11	1.09E-06	1.72E-10	5.98E-11	1.06E-06	1.67E-10	5.81E-11
240	488249.44, 3856639.39	1.11E-06	1.75E-10	6.11E-11	1.10E-06	1.73E-10	6.03E-11	1.07E-06	1.68E-10	5.86E-11
241	488299.44, 3856639.39	1.12E-06	1.77E-10	6.17E-11	1.11E-06	1.75E-10	6.09E-11	1.08E-06	1.70E-10	5.91E-11
242	488349.44, 3856639.39	1.13E-06	1.78E-10	6.22E-11	1.12E-06	1.76E-10	6.14E-11	1.09E-06	1.71E-10	5.96E-11
243	488399.44, 3856639.39	1.15E-06	1.81E-10	6.30E-11	1.13E-06	1.79E-10	6.22E-11	1.10E-06	1.73E-10	6.04E-11
244	488099.44, 3856689.39	1.13E-06	1.78E-10	6.21E-11	1.12E-06	1.76E-10	6.13E-11	1.08E-06	1.71E-10	5.95E-11
245	488149.44, 3856689.39	1.14E-06	1.79E-10	6.25E-11	1.12E-06	1.77E-10	6.16E-11	1.09E-06	1.72E-10	5.99E-11
246	488199.44, 3856689.39	1.15E-06	1.81E-10	6.30E-11	1.13E-06	1.79E-10	6.22E-11	1.10E-06	1.73E-10	6.04E-11
247	488249.44, 3856689.39	1.16E-06	1.82E-10	6.34E-11	1.14E-06	1.80E-10	6.26E-11	1.11E-06	1.74E-10	6.08E-11
248	488299.44, 3856689.39	1.17E-06	1.84E-10	6.42E-11	1.15E-06	1.82E-10	6.33E-11	1.12E-06	1.77E-10	6.15E-11
249	488349.44, 3856689.39	1.18E-06	1.86E-10	6.47E-11	1.16E-06	1.83E-10	6.38E-11	1.13E-06	1.78E-10	6.20E-11
250	488399.44, 3856689.39	1.18E-06	1.86E-10	6.50E-11	1.17E-06	1.84E-10	6.41E-11	1.13E-06	1.79E-10	6.23E-11
251	488099.44, 3856739.39	1.18E-06	1.86E-10	6.47E-11	1.16E-06	1.83E-10	6.39E-11	1.13E-06	1.78E-10	6.20E-11
252	488149.44, 3856739.39	1.18E-06	1.87E-10	6.50E-11	1.17E-06	1.84E-10	6.42E-11	1.14E-06	1.79E-10	6.23E-11
253	488199.44, 3856739.39	1.20E-06	1.89E-10	6.57E-11	1.18E-06	1.86E-10	6.49E-11	1.15E-06	1.81E-10	6.30E-11
254	488249.44, 3856739.39	1.20E-06	1.90E-10	6.61E-11	1.19E-06	1.87E-10	6.52E-11	1.15E-06	1.82E-10	6.33E-11
255	488299.44, 3856739.39	1.21E-06	1.90E-10	6.62E-11	1.19E-06	1.88E-10	6.54E-11	1.16E-06	1.82E-10	6.35E-11
256	488349.44, 3856739.39	1.22E-06	1.93E-10	6.72E-11	1.21E-06	1.90E-10	6.63E-11	1.17E-06	1.85E-10	6.44E-11
257	488399.44, 3856739.39	1.24E-06	1.96E-10	6.82E-11	1.23E-06	1.93E-10	6.73E-11	1.19E-06	1.88E-10	6.54E-11
258	487999.44, 3856789.39	1.20E-06	1.89E-10	6.58E-11	1.18E-06	1.86E-10	6.49E-11	1.15E-06	1.81E-10	6.30E-11
259	488049.44, 3856789.39	1.21E-06	1.91E-10	6.64E-11	1.19E-06	1.88E-10	6.55E-11	1.16E-06	1.83E-10	6.36E-11
260	488099.44, 3856789.39	1.23E-06	1.93E-10	6.73E-11	1.21E-06	1.91E-10	6.64E-11	1.17E-06	1.85E-10	6.45E-11
261	488149.44, 3856789.39	1.23E-06	1.94E-10	6.77E-11	1.22E-06	1.92E-10	6.68E-11	1.18E-06	1.86E-10	6.49E-11
262	488199.44, 3856789.39	1.24E-06	1.96E-10	6.83E-11	1.23E-06	1.93E-10	6.74E-11	1.19E-06	1.88E-10	6.54E-11
263	488249.44, 3856789.39	1.25E-06	1.97E-10	6.87E-11	1.24E-06	1.95E-10	6.78E-11	1.20E-06	1.89E-10	6.59E-11
264	488299.44, 3856789.39	1.26E-06	1.98E-10	6.90E-11	1.24E-06	1.95E-10	6.81E-11	1.20E-06	1.90E-10	6.61E-11
265	488349.44, 3856789.39	1.28E-06	2.01E-10	7.00E-11	1.26E-06	1.98E-10	6.91E-11	1.22E-06	1.93E-10	6.71E-11
266	488399.44, 3856789.39	1.29E-06	2.04E-10	7.09E-11	1.28E-06	2.01E-10	7.00E-11	1.24E-06	1.95E-10	6.80E-11
267	487949.44, 3856839.39	1.23E-06	1.94E-10	6.76E-11	1.22E-06	1.91E-10	6.67E-11	1.18E-06	1.86E-10	6.48E-11
268	487999.44, 3856839.39	1.24E-06	1.96E-10	6.83E-11	1.23E-06	1.94E-10	6.74E-11	1.19E-06	1.88E-10	6.55E-11
269	488049.44, 3856839.39	1.26E-06	1.98E-10	6.90E-11	1.24E-06	1.96E-10	6.81E-11	1.21E-06	1.90E-10	6.61E-11
270	488099.44, 3856839.39	1.27E-06	2.00E-10	6.98E-11	1.26E-06	1.98E-10	6.89E-11	1.22E-06	1.92E-10	6.69E-11
271	488149.44, 3856839.39	1.28E-06	2.02E-10	7.05E-11	1.27E-06	2.00E-10	6.96E-11	1.23E-06	1.94E-10	6.76E-11
272	488199.44, 3856839.39	1.30E-06	2.04E-10	7.11E-11	1.28E-06	2.02E-10	7.02E-11	1.24E-06	1.96E-10	6.82E-11
273	487949.44, 3856889.39	1.28E-06	2.01E-10	7.00E-11	1.26E-06	1.98E-10	6.91E-11	1.22E-06	1.93E-10	6.71E-11
274	487999.44, 3856889.39	1.30E-06	2.04E-10	7.11E-11	1.28E-06	2.02E-10	7.02E-11	1.24E-06	1.96E-10	6.82E-11
275	488049.44, 3856889.39	1.31E-06	2.06E-10	7.17E-11	1.29E-06	2.03E-10	7.08E-11	1.25E-06	1.97E-10	6.87E-11
276	488099.44, 3856889.39	1.32E-06	2.09E-10	7.27E-11	1.31E-06	2.06E-10	7.17E-11	1.27E-06	2.00E-10	6.96E-11

277	488635.86, 3857895.05	8.51E-06	1.34E-09	4.67E-10	8.40E-06	1.32E-09	4.61E-10	8.16E-06	1.29E-09	4.48E-10
278	489137.64, 3857804.15	7.03E-06	1.11E-09	3.86E-10	6.94E-06	1.09E-09	3.81E-10	6.74E-06	1.06E-09	3.70E-10
279	488617.32, 3857859.41	6.90E-06	1.09E-09	3.79E-10	6.81E-06	1.07E-09	3.74E-10	6.62E-06	1.04E-09	3.63E-10
280	488667.32, 3857859.41	7.18E-06	1.13E-09	3.94E-10	7.09E-06	1.12E-09	3.89E-10	6.88E-06	1.08E-09	3.78E-10
281	488717.32, 3857859.41	7.42E-06	1.17E-09	4.07E-10	7.33E-06	1.15E-09	4.02E-10	7.12E-06	1.12E-09	3.91E-10
282	488767.32, 3857859.41	7.67E-06	1.21E-09	4.21E-10	7.57E-06	1.19E-09	4.15E-10	7.35E-06	1.16E-09	4.03E-10
283	488617.32, 3857909.41	9.17E-06	1.44E-09	5.03E-10	9.05E-06	1.43E-09	4.97E-10	8.79E-06	1.38E-09	4.82E-10
284	488667.32, 3857909.41	9.45E-06	1.49E-09	5.19E-10	9.33E-06	1.47E-09	5.12E-10	9.06E-06	1.43E-09	4.97E-10
285	488717.32, 3857909.41	9.64E-06	1.52E-09	5.29E-10	9.51E-06	1.50E-09	5.22E-10	9.24E-06	1.46E-09	5.07E-10
286	488767.32, 3857909.41	9.77E-06	1.54E-09	5.36E-10	9.64E-06	1.52E-09	5.29E-10	9.36E-06	1.48E-09	5.14E-10
287	488417.32, 3857959.41	1.10E-05	1.74E-09	6.05E-10	1.09E-05	1.71E-09	5.97E-10	1.06E-05	1.66E-09	5.79E-10
288	488467.32, 3857959.41	1.18E-05	1.85E-09	6.45E-10	1.16E-05	1.83E-09	6.37E-10	1.13E-05	1.77E-09	6.18E-10
289	488517.32, 3857959.41	1.24E-05	1.96E-09	6.81E-10	1.23E-05	1.93E-09	6.73E-10	1.19E-05	1.87E-09	6.53E-10
290	488567.32, 3857959.41	1.28E-05	2.02E-09	7.03E-10	1.26E-05	1.99E-09	6.94E-10	1.23E-05	1.93E-09	6.74E-10
291	488617.32, 3857959.41	1.30E-05	2.04E-09	7.12E-10	1.28E-05	2.02E-09	7.03E-10	1.24E-05	1.96E-09	6.83E-10
292	488667.32, 3857959.41	1.30E-05	2.04E-09	7.12E-10	1.28E-05	2.02E-09	7.03E-10	1.24E-05	1.96E-09	6.83E-10
293	488717.32, 3857959.41	1.29E-05	2.03E-09	7.07E-10	1.27E-05	2.00E-09	6.97E-10	1.23E-05	1.94E-09	6.77E-10
294	488767.32, 3857959.41	1.27E-05	2.00E-09	6.98E-10	1.25E-05	1.98E-09	6.89E-10	1.22E-05	1.92E-09	6.69E-10
295	488417.32, 3858009.41	2.08E-05	3.28E-09	1.14E-09	2.06E-05	3.24E-09	1.13E-09	2.00E-05	3.15E-09	1.10E-09
296	488467.32, 3858009.41	2.12E-05	3.34E-09	1.16E-09	2.09E-05	3.30E-09	1.15E-09	2.03E-05	3.20E-09	1.12E-09
297	488517.32, 3858009.41	2.07E-05	3.27E-09	1.14E-09	2.05E-05	3.22E-09	1.12E-09	1.99E-05	3.13E-09	1.09E-09
298	488567.32, 3858009.41	1.99E-05	3.14E-09	1.09E-09	1.97E-05	3.10E-09	1.08E-09	1.91E-05	3.01E-09	1.05E-09
299	488617.32, 3858009.41	1.90E-05	3.00E-09	1.04E-09	1.88E-05	2.96E-09	1.03E-09	1.82E-05	2.87E-09	1.00E-09
300	488667.32, 3858009.41	1.82E-05	2.86E-09	9.96E-10	1.79E-05	2.82E-09	9.83E-10	1.74E-05	2.74E-09	9.55E-10
301	488717.32, 3858009.41	1.73E-05	2.73E-09	9.50E-10	1.71E-05	2.69E-09	9.38E-10	1.66E-05	2.61E-09	9.11E-10
302	488767.32, 3858009.41	1.66E-05	2.61E-09	9.09E-10	1.63E-05	2.57E-09	8.97E-10	1.59E-05	2.50E-09	8.71E-10
303	488417.32, 3858059.41	4.91E-05	7.73E-09	2.69E-09	4.84E-05	7.63E-09	2.66E-09	4.70E-05	7.41E-09	2.58E-09
304	488467.32, 3858059.41	4.05E-05	6.37E-09	2.22E-09	3.99E-05	6.29E-09	2.19E-09	3.88E-05	6.11E-09	2.13E-09
305	488517.32, 3858059.41	3.46E-05	5.45E-09	1.90E-09	3.41E-05	5.38E-09	1.87E-09	3.31E-05	5.22E-09	1.82E-09
306	488567.32, 3858059.41	3.03E-05	4.78E-09	1.66E-09	2.99E-05	4.71E-09	1.64E-09	2.91E-05	4.58E-09	1.59E-09
307	488617.32, 3858059.41	2.71E-05	4.27E-09	1.49E-09	2.67E-05	4.21E-09	1.47E-09	2.60E-05	4.09E-09	1.43E-09
308	488667.32, 3858059.41	2.46E-05	3.88E-09	1.35E-09	2.43E-05	3.83E-09	1.33E-09	2.36E-05	3.72E-09	1.30E-09
309	488417.32, 3858109.41	8.92E-05	1.40E-08	4.89E-09	8.80E-05	1.39E-08	4.83E-09	8.55E-05	1.35E-08	4.69E-09
310	488467.32, 3858109.41	6.47E-05	1.02E-08	3.55E-09	6.38E-05	1.01E-08	3.50E-09	6.20E-05	9.77E-09	3.40E-09
311	488517.32, 3858109.41	5.07E-05	7.99E-09	2.78E-09	5.01E-05	7.89E-09	2.75E-09	4.86E-05	7.66E-09	2.67E-09
312	488567.32, 3858109.41	4.20E-05	6.61E-09	2.30E-09	4.14E-05	6.53E-09	2.27E-09	4.02E-05	6.34E-09	2.21E-09
313	488617.32, 3858109.41	3.59E-05	5.65E-09	1.97E-09	3.54E-05	5.58E-09	1.94E-09	3.44E-05	5.42E-09	1.89E-09
314	488667.32, 3858109.41	3.16E-05	4.97E-09	1.73E-09	3.11E-05	4.91E-09	1.71E-09	3.02E-05	4.76E-09	1.66E-09
315	488769.93, 3858449.27	9.65E-05	1.52E-08	5.30E-09	9.53E-05	1.50E-08	5.23E-09	9.25E-05	1.46E-08	5.08E-09
316	488819.93, 3858449.27	7.04E-05	1.11E-08	3.86E-09	6.95E-05	1.09E-08	3.81E-09	6.75E-05	1.06E-08	3.70E-09
317	488819.93, 3858499.27	1.00E-04	1.58E-08	5.51E-09	9.91E-05	1.56E-08	5.44E-09	9.63E-05	1.52E-08	5.28E-09
318	488869.93, 3858499.27	7.27E-05	1.14E-08	3.99E-09	7.17E-05	1.13E-08	3.94E-09	6.97E-05	1.10E-08	3.82E-09
319	488869.93, 3858549.27	1.05E-04	1.65E-08	5.75E-09	1.03E-04	1.63E-08	5.68E-09	1.00E-04	1.58E-08	5.51E-09
320	489438.17, 3859571.48	1.78E-05	2.81E-09	9.78E-10	1.76E-05	2.77E-09	9.66E-10	1.71E-05	2.69E-09	9.38E-10
321	489488.17, 3859571.48	1.60E-05	2.52E-09	8.79E-10	1.58E-05	2.49E-09	8.68E-10	1.54E-05	2.42E-09	8.43E-10
322	489538.17, 3859571.48	1.46E-05	2.31E-09	8.04E-10	1.44E-05	2.28E-09	7.93E-10	1.40E-05	2.21E-09	7.70E-10
323	489588.17, 3859571.48	1.35E-05	2.13E-09	7.44E-10	1.34E-05	2.11E-09	7.34E-10	1.30E-05	2.05E-09	7.13E-10
324	489438.17, 3859621.48	1.32E-05	2.08E-09	7.23E-10	1.30E-05	2.05E-09	7.14E-10	1.26E-05	1.99E-09	6.93E-10
325	489488.17, 3859621.48	1.24E-05	1.96E-09	6.82E-10	1.23E-05	1.93E-09	6.73E-10	1.19E-05	1.88E-09	6.54E-10
326	489538.17, 3859621.48	1.18E-05	1.85E-09	6.46E-10	1.16E-05	1.83E-09	6.38E-10	1.13E-05	1.78E-09	6.19E-10
327	489588.17, 3859621.48	1.12E-05	1.77E-09	6.15E-10	1.11E-05	1.74E-09	6.07E-10	1.07E-05	1.69E-09	5.90E-10
328	489238.17, 3859671.48	1.73E-05	2.72E-09	9.48E-10	1.71E-05	2.69E-09	9.36E-10	1.66E-05	2.61E-09	9.09E-10
329	489288.17, 3859671.48	1.34E-05	2.12E-09	7.38E-10	1.33E-05	2.09E-09	7.28E-10	1.29E-05	2.03E-09	7.07E-10
330	489338.17, 3859671.48	1.19E-05	1.87E-09	6.51E-10	1.17E-05	1.84E-09	6.43E-10	1.14E-05	1.79E-09	6.24E-10
331	489388.17, 3859671.48	1.10E-05	1.74E-09	6.05E-10	1.09E-05	1.71E-09	5.97E-10	1.06E-05	1.66E-09	5.79E-10
332	489438.17, 3859671.48	1.04E-05	1.65E-09	5.73E-10	1.03E-05	1.62E-09	5.66E-10	1.00E-05	1.58E-09	5.50E-10
333	489488.17, 3859671.48	1.01E-05	1.58E-09	5.52E-10	9.92E-06	1.56E-09	5.45E-10	9.63E-06	1.52E-09	5.29E-10
334	489538.17, 3859671.48	9.71E-06	1.53E-09	5.33E-10	9.58E-06	1.51E-09	5.26E-10	9.31E-06	1.47E-09	5.11E-10
335	489588.17, 3859671.48	9.41E-06	1.48E-09	5.16E-10	9.28E-06	1.46E-09	5.09E-10	9.01E-06	1.42E-09	4.95E-10
336	489238.17, 3859721.48	1.59E-05	2.51E-09	8.75E-10	1.57E-05	2.48E-09	8.64E-10	1.53E-05	2.41E-09	8.39E-10
337	489288.17, 3859721.48	1.21E-05	1.90E-09	6.63E-10	1.19E-05	1.88E-09	6.54E-10	1.16E-05	1.82E-09	6.35E-10
338	489338.17, 3859721.48	1.04E-05	1.64E-09	5.70E-10	1.03E-05	1.62E-09	5.63E-10	9.96E-06	1.57E-09	5.47E-10
339	489388.17, 3859721.48	9.53E-06	1.50E-09	5.23E-10	9.40E-06	1.48E-09	5.16E-10	9.13E-06	1.44E-09	5.01E-10
340	489438.17, 3859721.48	8.97E-06	1.41E-09	4.92E-10	8.85E-06	1.39E-09	4.86E-10	8.60E-06	1.35E-09	4.72E-10
341	489488.17, 3859721.48	8.60E-06	1.35E-09	4.72E-10	8.48E-06	1.34E-09	4.66E-10	8.24E-06	1.30E-09	4.52E-10
342	489538.17, 3859721.48	8.32E-06	1.31E-09	4.57E-10	8.22E-06	1.29E-09	4.51E-10	7.98E-06	1.26E-09	4.38E-10
343	489588.17, 3859721.48	8.11E-06	1.28E-09	4.45E-10	8.01E-06	1.26E-09	4.40E-10	7.78E-06	1.23E-09	4.27E-10
344	489238.17, 3859771.48	1.51E-05	2.38E-09	8.29E-10	1.49E-05	2.35E-09	8.18E-10	1.45E-05	2.28E-09	7.94E-10
345	489288.17, 3859771.48	1.12E-05	1.77E-09	6.15E-10	1.11E-05	1.74E-09	6.07E-10	1.07E-05	1.69E-09	5.89E-10
346	489338.17, 3859771.48	9.49E-06	1.49E-09	5.21E-10	9.36E-06	1.48E-09	5.14E-10	9.09E-06	1.43E-09	4.99E-10

347	489388.17, 3859771.48	8.60E-06	1.36E-09	4.72E-10	8.49E-06	1.34E-09	4.66E-10	8.24E-06	1.30E-09	4.52E-10
348	489438.17, 3859771.48	8.06E-06	1.27E-09	4.42E-10	7.95E-06	1.25E-09	4.37E-10	7.72E-06	1.22E-09	4.24E-10
349	489488.17, 3859771.48	7.69E-06	1.21E-09	4.22E-10	7.59E-06	1.20E-09	4.17E-10	7.37E-06	1.16E-09	4.05E-10
350	489538.17, 3859771.48	7.41E-06	1.17E-09	4.07E-10	7.32E-06	1.15E-09	4.02E-10	7.10E-06	1.12E-09	3.90E-10
351	489588.17, 3859771.48	7.21E-06	1.14E-09	3.96E-10	7.11E-06	1.12E-09	3.90E-10	6.91E-06	1.09E-09	3.79E-10
352	489238.17, 3859821.48	1.45E-05	2.28E-09	7.96E-10	1.43E-05	2.26E-09	7.86E-10	1.39E-05	2.19E-09	7.63E-10
353	489288.17, 3859821.48	1.06E-05	1.67E-09	5.82E-10	1.05E-05	1.65E-09	5.74E-10	1.02E-05	1.60E-09	5.58E-10
354	489338.17, 3859821.48	8.88E-06	1.40E-09	4.87E-10	8.77E-06	1.38E-09	4.81E-10	8.51E-06	1.34E-09	4.67E-10
355	489388.17, 3859821.48	7.97E-06	1.26E-09	4.37E-10	7.86E-06	1.24E-09	4.32E-10	7.64E-06	1.20E-09	4.19E-10
356	489438.17, 3859821.48	7.43E-06	1.17E-09	4.08E-10	7.33E-06	1.15E-09	4.02E-10	7.12E-06	1.12E-09	3.91E-10
357	489488.17, 3859821.48	7.06E-06	1.11E-09	3.87E-10	6.96E-06	1.10E-09	3.82E-10	6.76E-06	1.07E-09	3.71E-10
358	489538.17, 3859821.48	6.78E-06	1.07E-09	3.72E-10	6.69E-06	1.05E-09	3.67E-10	6.50E-06	1.02E-09	3.57E-10
359	489588.17, 3859821.48	6.57E-06	1.03E-09	3.61E-10	6.48E-06	1.02E-09	3.56E-10	6.30E-06	9.92E-10	3.46E-10
360	489238.17, 3859871.48	1.40E-05	2.21E-09	7.71E-10	1.39E-05	2.18E-09	7.61E-10	1.35E-05	2.12E-09	7.39E-10
361	489288.17, 3859871.48	1.02E-05	1.60E-09	5.58E-10	1.00E-05	1.58E-09	5.50E-10	9.74E-06	1.53E-09	5.34E-10
362	489338.17, 3859871.48	8.43E-06	1.33E-09	4.63E-10	8.32E-06	1.31E-09	4.57E-10	8.08E-06	1.27E-09	4.44E-10
363	489388.17, 3859871.48	7.50E-06	1.18E-09	4.12E-10	7.40E-06	1.17E-09	4.06E-10	7.19E-06	1.13E-09	3.95E-10
364	489438.17, 3859871.48	6.93E-06	1.09E-09	3.80E-10	6.84E-06	1.08E-09	3.75E-10	6.64E-06	1.05E-09	3.64E-10
365	489488.17, 3859871.48	6.53E-06	1.03E-09	3.58E-10	6.44E-06	1.01E-09	3.53E-10	6.25E-06	9.85E-10	3.43E-10
366	489538.17, 3859871.48	6.28E-06	9.90E-10	3.45E-10	6.20E-06	9.77E-10	3.40E-10	6.02E-06	9.48E-10	3.30E-10
367	489588.17, 3859871.48	6.08E-06	9.57E-10	3.34E-10	6.00E-06	9.45E-10	3.29E-10	5.82E-06	9.18E-10	3.20E-10
368	489238.17, 3859921.48	1.36E-05	2.15E-09	7.48E-10	1.35E-05	2.12E-09	7.39E-10	1.31E-05	2.06E-09	7.17E-10
369	489288.17, 3859921.48	9.73E-06	1.53E-09	5.34E-10	9.60E-06	1.51E-09	5.27E-10	9.33E-06	1.47E-09	5.12E-10
370	489338.17, 3859921.48	8.04E-06	1.27E-09	4.41E-10	7.94E-06	1.25E-09	4.36E-10	7.71E-06	1.21E-09	4.23E-10
371	489388.17, 3859921.48	7.10E-06	1.12E-09	3.90E-10	7.01E-06	1.10E-09	3.85E-10	6.81E-06	1.07E-09	3.74E-10
372	489438.17, 3859921.48	6.48E-06	1.02E-09	3.56E-10	6.39E-06	1.01E-09	3.51E-10	6.21E-06	9.78E-10	3.41E-10
373	489488.17, 3859921.48	6.09E-06	9.60E-10	3.34E-10	6.01E-06	9.47E-10	3.30E-10	5.84E-06	9.20E-10	3.21E-10
374	489538.17, 3859921.48	5.85E-06	9.22E-10	3.21E-10	5.77E-06	9.10E-10	3.17E-10	5.61E-06	8.83E-10	3.08E-10
375	489588.17, 3859921.48	5.64E-06	8.88E-10	3.09E-10	5.56E-06	8.76E-10	3.05E-10	5.40E-06	8.51E-10	2.96E-10
376	489238.17, 3859971.48	1.33E-05	2.09E-09	7.27E-10	1.31E-05	2.06E-09	7.18E-10	1.27E-05	2.00E-09	6.97E-10
377	489288.17, 3859971.48	9.42E-06	1.48E-09	5.17E-10	9.30E-06	1.47E-09	5.10E-10	9.03E-06	1.42E-09	4.96E-10
378	489338.17, 3859971.48	7.70E-06	1.21E-09	4.23E-10	7.60E-06	1.20E-09	4.17E-10	7.38E-06	1.16E-09	4.05E-10
379	489388.17, 3859971.48	6.73E-06	1.06E-09	3.69E-10	6.64E-06	1.05E-09	3.65E-10	6.45E-06	1.02E-09	3.54E-10
380	489438.17, 3859971.48	6.02E-06	9.49E-10	3.30E-10	5.94E-06	9.36E-10	3.26E-10	5.77E-06	9.09E-10	3.17E-10
381	489488.17, 3859971.48	5.50E-06	8.66E-10	3.02E-10	5.42E-06	8.55E-10	2.98E-10	5.27E-06	8.30E-10	2.89E-10
382	489538.17, 3859971.48	5.20E-06	8.19E-10	2.85E-10	5.13E-06	8.08E-10	2.82E-10	4.98E-06	7.85E-10	2.73E-10
383	489588.17, 3859971.48	5.00E-06	7.87E-10	2.74E-10	4.93E-06	7.77E-10	2.71E-10	4.79E-06	7.54E-10	2.63E-10
384	483577.7, 3854071	2.38E-07	3.75E-11	1.31E-11	2.35E-07	3.70E-11	1.29E-11	2.28E-07	3.59E-11	1.25E-11
385	483627.7, 3854071	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.29E-07	3.61E-11	1.26E-11
386	483677.7, 3854071	2.40E-07	3.79E-11	1.32E-11	2.37E-07	3.74E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
387	483727.7, 3854071	2.42E-07	3.81E-11	1.33E-11	2.39E-07	3.76E-11	1.31E-11	2.32E-07	3.65E-11	1.27E-11
388	483777.7, 3854071	2.43E-07	3.83E-11	1.33E-11	2.40E-07	3.78E-11	1.32E-11	2.33E-07	3.67E-11	1.28E-11
389	483577.7, 3854121	2.40E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.30E-07	3.62E-11	1.26E-11
390	483627.7, 3854121	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.62E-11	1.26E-11
391	483677.7, 3854121	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
392	483727.7, 3854121	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.74E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
393	483777.7, 3854121	2.41E-07	3.80E-11	1.32E-11	2.38E-07	3.75E-11	1.31E-11	2.31E-07	3.64E-11	1.27E-11
394	483577.7, 3854171	2.40E-07	3.79E-11	1.32E-11	2.37E-07	3.74E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
395	483627.7, 3854171	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.29E-07	3.62E-11	1.26E-11
396	483677.7, 3854171	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.29E-07	3.61E-11	1.26E-11
397	483727.7, 3854171	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.62E-11	1.26E-11
398	483777.7, 3854171	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
399	483827.7, 3854171	2.39E-07	3.76E-11	1.31E-11	2.35E-07	3.71E-11	1.29E-11	2.29E-07	3.60E-11	1.25E-11
400	483877.7, 3854171	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.29E-11	2.29E-07	3.61E-11	1.26E-11
401	483727.7, 3854221	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
402	483777.7, 3854221	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.29E-07	3.62E-11	1.26E-11
403	483827.7, 3854221	2.41E-07	3.79E-11	1.32E-11	2.38E-07	3.75E-11	1.30E-11	2.31E-07	3.64E-11	1.27E-11
404	483877.7, 3854221	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.62E-11	1.26E-11
405	489150.19, 3858726.45	8.34E-05	1.31E-08	4.58E-09	8.24E-05	1.30E-08	4.52E-09	8.00E-05	1.26E-08	4.39E-09
406	489200.19, 3858726.45	1.08E-04	1.71E-08	5.95E-09	1.07E-04	1.69E-08	5.87E-09	1.04E-04	1.64E-08	5.70E-09
407	489150.19, 3858776.45	1.04E-04	1.64E-08	5.73E-09	1.03E-04	1.62E-08	5.65E-09	1.00E-04	1.58E-08	5.49E-09
408	489200.19, 3858776.45	1.08E-04	1.70E-08	5.94E-09	1.07E-04	1.68E-08	5.86E-09	1.04E-04	1.63E-08	5.69E-09
409	488919.6, 3856400.76	1.06E-06	1.66E-10	5.80E-11	1.04E-06	1.64E-10	5.72E-11	1.01E-06	1.60E-10	5.56E-11
410	488919.6, 3856450.76	1.10E-06	1.73E-10	6.03E-11	1.08E-06	1.71E-10	5.95E-11	1.05E-06	1.66E-10	5.77E-11
411	488969.6, 3856450.76	1.10E-06	1.73E-10	6.04E-11	1.09E-06	1.71E-10	5.96E-11	1.05E-06	1.66E-10	5.79E-11
412	488919.6, 3856500.76	1.14E-06	1.80E-10	6.27E-11	1.13E-06	1.77E-10	6.18E-11	1.09E-06	1.72E-10	6.00E-11
413	488969.6, 3856500.76	1.15E-06	1.81E-10	6.29E-11	1.13E-06	1.78E-10	6.21E-11	1.10E-06	1.73E-10	6.03E-11
414	488919.6, 3856550.76	1.19E-06	1.87E-10	6.53E-11	1.17E-06	1.85E-10	6.45E-11	1.14E-06	1.80E-10	6.26E-11
415	488969.6, 3856550.76	1.19E-06	1.88E-10	6.55E-11	1.18E-06	1.86E-10	6.47E-11	1.14E-06	1.80E-10	6.28E-11
416	488819.6, 3856600.76	1.22E-06	1.92E-10	6.70E-11	1.20E-06	1.90E-10	6.61E-11	1.17E-06	1.84E-10	6.42E-11

417	488869.6, 3856600.76	1.23E-06	1.94E-10	6.75E-11	1.21E-06	1.91E-10	6.66E-11	1.18E-06	1.86E-10	6.47E-11
418	488919.6, 3856600.76	1.24E-06	1.95E-10	6.80E-11	1.22E-06	1.93E-10	6.71E-11	1.19E-06	1.87E-10	6.52E-11
419	488819.6, 3856650.76	1.27E-06	2.00E-10	6.97E-11	1.25E-06	1.97E-10	6.88E-11	1.22E-06	1.92E-10	6.68E-11
420	488869.6, 3856650.76	1.28E-06	2.02E-10	7.03E-11	1.26E-06	1.99E-10	6.94E-11	1.23E-06	1.93E-10	6.74E-11
421	488819.6, 3856700.76	1.32E-06	2.08E-10	7.25E-11	1.30E-06	2.05E-10	7.16E-11	1.27E-06	2.00E-10	6.95E-11
422	488869.6, 3856700.76	1.33E-06	2.10E-10	7.32E-11	1.32E-06	2.07E-10	7.23E-11	1.28E-06	2.01E-10	7.02E-11
423	488819.6, 3856750.76	1.37E-06	2.16E-10	7.54E-11	1.36E-06	2.14E-10	7.44E-11	1.32E-06	2.07E-10	7.23E-11
424	488869.6, 3856750.76	1.39E-06	2.19E-10	7.63E-11	1.37E-06	2.16E-10	7.53E-11	1.33E-06	2.10E-10	7.32E-11
425	488819.6, 3857050.76	1.77E-06	2.79E-10	9.74E-11	1.75E-06	2.76E-10	9.61E-11	1.70E-06	2.68E-10	9.33E-11
426	488869.6, 3857050.76	1.80E-06	2.84E-10	9.88E-11	1.78E-06	2.80E-10	9.75E-11	1.73E-06	2.72E-10	9.47E-11
427	488919.6, 3857050.76	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.90E-11	1.75E-06	2.76E-10	9.61E-11
428	488819.6, 3857100.76	1.86E-06	2.93E-10	1.02E-10	1.84E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.78E-11
429	488869.6, 3857100.76	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.94E-11
430	488919.6, 3857100.76	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.91E-10	1.01E-10
431	488819.6, 3857150.76	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.88E-06	2.95E-10	1.03E-10
432	488869.6, 3857150.76	1.99E-06	3.14E-10	1.09E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
433	488919.6, 3857150.76	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.16E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
434	488969.6, 3857150.76	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.12E-10	1.97E-06	3.11E-10	1.08E-10
435	488819.6, 3857200.76	2.07E-06	3.26E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
436	488869.6, 3857200.76	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
437	488919.6, 3857200.76	2.15E-06	3.39E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.24E-10	1.13E-10
438	488969.6, 3857200.76	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
439	488819.6, 3857250.76	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.40E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
440	488869.6, 3857250.76	2.23E-06	3.52E-10	1.23E-10	2.21E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.18E-10
441	488919.6, 3857250.76	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
442	488969.6, 3857250.76	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.49E-10	1.22E-10
443	488819.6, 3857300.76	2.33E-06	3.66E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
444	488869.6, 3857300.76	2.37E-06	3.74E-10	1.30E-10	2.34E-06	3.69E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
445	488919.6, 3857300.76	2.42E-06	3.81E-10	1.33E-10	2.39E-06	3.76E-10	1.31E-10	2.32E-06	3.65E-10	1.27E-10
446	488819.6, 3857450.76	2.83E-06	4.46E-10	1.55E-10	2.80E-06	4.40E-10	1.53E-10	2.71E-06	4.28E-10	1.49E-10
447	488869.6, 3857450.76	2.88E-06	4.53E-10	1.58E-10	2.84E-06	4.47E-10	1.56E-10	2.76E-06	4.34E-10	1.51E-10
448	488919.6, 3857450.76	2.93E-06	4.62E-10	1.61E-10	2.89E-06	4.56E-10	1.59E-10	2.81E-06	4.42E-10	1.54E-10
449	488819.6, 3857500.76	3.04E-06	4.78E-10	1.67E-10	3.00E-06	4.72E-10	1.64E-10	2.91E-06	4.58E-10	1.60E-10
450	488869.6, 3857500.76	3.09E-06	4.87E-10	1.70E-10	3.05E-06	4.81E-10	1.67E-10	2.96E-06	4.67E-10	1.63E-10
451	488919.6, 3857500.76	3.15E-06	4.96E-10	1.73E-10	3.11E-06	4.90E-10	1.71E-10	3.02E-06	4.76E-10	1.66E-10
452	488819.6, 3857550.76	3.28E-06	5.16E-10	1.80E-10	3.23E-06	5.10E-10	1.78E-10	3.14E-06	4.95E-10	1.72E-10
453	488869.6, 3857550.76	3.34E-06	5.26E-10	1.83E-10	3.30E-06	5.19E-10	1.81E-10	3.20E-06	5.04E-10	1.76E-10
454	488919.6, 3857550.76	3.42E-06	5.38E-10	1.87E-10	3.37E-06	5.31E-10	1.85E-10	3.27E-06	5.16E-10	1.80E-10
455	489663.71, 3860900.05	3.02E-06	4.75E-10	1.66E-10	2.98E-06	4.69E-10	1.63E-10	2.89E-06	4.55E-10	1.59E-10
456	489813.71, 3860900.05	2.68E-06	4.22E-10	1.47E-10	2.64E-06	4.16E-10	1.45E-10	2.57E-06	4.04E-10	1.41E-10
457	489863.71, 3860900.05	2.59E-06	4.07E-10	1.42E-10	2.55E-06	4.02E-10	1.40E-10	2.48E-06	3.90E-10	1.36E-10
458	489913.71, 3860900.05	2.52E-06	3.96E-10	1.38E-10	2.48E-06	3.91E-10	1.36E-10	2.41E-06	3.80E-10	1.32E-10
459	489963.71, 3860900.05	2.45E-06	3.85E-10	1.34E-10	2.41E-06	3.80E-10	1.32E-10	2.34E-06	3.69E-10	1.29E-10
460	490013.71, 3860900.05	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.29E-06	3.61E-10	1.26E-10
461	490063.71, 3860900.05	2.34E-06	3.69E-10	1.29E-10	2.31E-06	3.64E-10	1.27E-10	2.25E-06	3.54E-10	1.23E-10
462	489663.71, 3860950.05	2.98E-06	4.69E-10	1.63E-10	2.94E-06	4.63E-10	1.61E-10	2.85E-06	4.49E-10	1.57E-10
463	489813.71, 3860950.05	2.64E-06	4.15E-10	1.45E-10	2.60E-06	4.10E-10	1.43E-10	2.53E-06	3.98E-10	1.39E-10
464	489863.71, 3860950.05	2.54E-06	4.01E-10	1.40E-10	2.51E-06	3.95E-10	1.38E-10	2.44E-06	3.84E-10	1.34E-10
465	489913.71, 3860950.05	2.47E-06	3.89E-10	1.36E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
466	489963.71, 3860950.05	2.40E-06	3.78E-10	1.32E-10	2.37E-06	3.73E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
467	490013.71, 3860950.05	2.34E-06	3.69E-10	1.29E-10	2.31E-06	3.64E-10	1.27E-10	2.25E-06	3.54E-10	1.23E-10
468	490063.71, 3860950.05	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.57E-10	1.24E-10	2.20E-06	3.46E-10	1.21E-10
469	489513.71, 3861000.05	3.55E-06	5.59E-10	1.95E-10	3.50E-06	5.52E-10	1.92E-10	3.40E-06	5.36E-10	1.87E-10
470	489563.71, 3861000.05	3.29E-06	5.19E-10	1.81E-10	3.25E-06	5.12E-10	1.78E-10	3.16E-06	4.97E-10	1.73E-10
471	489613.71, 3861000.05	3.10E-06	4.89E-10	1.70E-10	3.06E-06	4.82E-10	1.68E-10	2.97E-06	4.68E-10	1.63E-10
472	489663.71, 3861000.05	2.94E-06	4.64E-10	1.62E-10	2.91E-06	4.58E-10	1.59E-10	2.82E-06	4.45E-10	1.55E-10
473	489713.71, 3861000.05	2.81E-06	4.42E-10	1.54E-10	2.77E-06	4.36E-10	1.52E-10	2.69E-06	4.24E-10	1.48E-10
474	489763.71, 3861000.05	2.69E-06	4.24E-10	1.48E-10	2.66E-06	4.19E-10	1.46E-10	2.58E-06	4.07E-10	1.42E-10
475	489813.71, 3861000.05	2.60E-06	4.10E-10	1.43E-10	2.57E-06	4.04E-10	1.41E-10	2.49E-06	3.93E-10	1.37E-10
476	489863.71, 3861000.05	2.51E-06	3.95E-10	1.38E-10	2.47E-06	3.90E-10	1.36E-10	2.40E-06	3.78E-10	1.32E-10
477	489913.71, 3861000.05	2.43E-06	3.83E-10	1.33E-10	2.40E-06	3.78E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
478	489963.71, 3861000.05	2.36E-06	3.72E-10	1.29E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
479	490013.71, 3861000.05	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.58E-10	1.25E-10	2.20E-06	3.47E-10	1.21E-10
480	490063.71, 3861000.05	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.18E-10
481	489513.71, 3861050.05	3.53E-06	5.56E-10	1.94E-10	3.48E-06	5.48E-10	1.91E-10	3.38E-06	5.33E-10	1.86E-10
482	489563.71, 3861050.05	3.27E-06	5.15E-10	1.79E-10	3.23E-06	5.08E-10	1.77E-10	3.13E-06	4.94E-10	1.72E-10
483	489613.71, 3861050.05	3.08E-06	4.85E-10	1.69E-10	3.04E-06	4.79E-10	1.67E-10	2.95E-06	4.65E-10	1.62E-10
484	489663.71, 3861050.05	2.91E-06	4.59E-10	1.60E-10	2.87E-06	4.53E-10	1.58E-10	2.79E-06	4.40E-10	1.53E-10
485	489713.71, 3861050.05	2.77E-06	4.37E-10	1.52E-10	2.74E-06	4.31E-10	1.50E-10	2.66E-06	4.19E-10	1.46E-10
486	489763.71, 3861050.05	2.66E-06	4.19E-10	1.46E-10	2.62E-06	4.13E-10	1.44E-10	2.55E-06	4.01E-10	1.40E-10

487	489813.71, 3861050.05	2.56E-06	4.03E-10	1.41E-10	2.53E-06	3.98E-10	1.39E-10	2.45E-06	3.87E-10	1.35E-10
488	489863.71, 3861050.05	2.47E-06	3.89E-10	1.36E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
489	489913.71, 3861050.05	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.29E-06	3.61E-10	1.26E-10
490	489963.71, 3861050.05	2.32E-06	3.66E-10	1.27E-10	2.29E-06	3.61E-10	1.26E-10	2.22E-06	3.50E-10	1.22E-10
491	490013.71, 3861050.05	2.26E-06	3.57E-10	1.24E-10	2.23E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
492	490063.71, 3861050.05	2.21E-06	3.48E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
493	489513.71, 3861100.05	3.50E-06	5.52E-10	1.92E-10	3.46E-06	5.45E-10	1.90E-10	3.36E-06	5.29E-10	1.84E-10
494	489563.71, 3861100.05	3.24E-06	5.11E-10	1.78E-10	3.20E-06	5.04E-10	1.76E-10	3.11E-06	4.89E-10	1.70E-10
495	489613.71, 3861100.05	3.03E-06	4.77E-10	1.66E-10	2.99E-06	4.71E-10	1.64E-10	2.90E-06	4.57E-10	1.59E-10
496	489663.71, 3861100.05	2.87E-06	4.52E-10	1.57E-10	2.83E-06	4.46E-10	1.55E-10	2.75E-06	4.33E-10	1.51E-10
497	489713.71, 3861100.05	2.74E-06	4.31E-10	1.50E-10	2.70E-06	4.25E-10	1.48E-10	2.62E-06	4.13E-10	1.44E-10
498	489763.71, 3861100.05	2.62E-06	4.13E-10	1.44E-10	2.59E-06	4.07E-10	1.42E-10	2.51E-06	3.96E-10	1.38E-10
499	489813.71, 3861100.05	2.52E-06	3.98E-10	1.39E-10	2.49E-06	3.92E-10	1.37E-10	2.42E-06	3.81E-10	1.33E-10
500	489863.71, 3861100.05	2.44E-06	3.84E-10	1.34E-10	2.41E-06	3.79E-10	1.32E-10	2.34E-06	3.68E-10	1.28E-10
501	489913.71, 3861100.05	2.36E-06	3.71E-10	1.29E-10	2.33E-06	3.66E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
502	489963.71, 3861100.05	2.29E-06	3.60E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
503	490013.71, 3861100.05	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.46E-10	1.20E-10	2.13E-06	3.36E-10	1.17E-10
504	490063.71, 3861100.05	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
505	489713.71, 3861150.05	2.70E-06	4.25E-10	1.48E-10	2.67E-06	4.20E-10	1.46E-10	2.59E-06	4.08E-10	1.42E-10
506	489763.71, 3861150.05	2.59E-06	4.08E-10	1.42E-10	2.55E-06	4.02E-10	1.40E-10	2.48E-06	3.91E-10	1.36E-10
507	489813.71, 3861150.05	2.49E-06	3.92E-10	1.37E-10	2.46E-06	3.87E-10	1.35E-10	2.39E-06	3.76E-10	1.31E-10
508	489863.71, 3861150.05	2.40E-06	3.78E-10	1.32E-10	2.37E-06	3.74E-10	1.30E-10	2.30E-06	3.63E-10	1.26E-10
509	489913.71, 3861150.05	2.32E-06	3.66E-10	1.27E-10	2.29E-06	3.61E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
510	489963.71, 3861150.05	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.18E-10
511	490013.71, 3861150.05	2.19E-06	3.44E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.09E-06	3.30E-10	1.15E-10
512	490063.71, 3861150.05	2.13E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.22E-10	1.12E-10
513	489613.71, 3861200.05	2.96E-06	4.66E-10	1.62E-10	2.92E-06	4.60E-10	1.60E-10	2.83E-06	4.46E-10	1.56E-10
514	489663.71, 3861200.05	2.80E-06	4.41E-10	1.54E-10	2.76E-06	4.35E-10	1.52E-10	2.68E-06	4.23E-10	1.47E-10
515	489713.71, 3861200.05	2.67E-06	4.20E-10	1.46E-10	2.63E-06	4.15E-10	1.45E-10	2.56E-06	4.03E-10	1.40E-10
516	489763.71, 3861200.05	2.56E-06	4.03E-10	1.40E-10	2.52E-06	3.97E-10	1.38E-10	2.45E-06	3.86E-10	1.34E-10
517	489813.71, 3861200.05	2.46E-06	3.87E-10	1.35E-10	2.43E-06	3.82E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10
518	489863.71, 3861200.05	2.37E-06	3.74E-10	1.30E-10	2.34E-06	3.69E-10	1.29E-10	2.27E-06	3.58E-10	1.25E-10
519	489913.71, 3861200.05	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.57E-10	1.24E-10	2.20E-06	3.46E-10	1.21E-10
520	489963.71, 3861200.05	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
521	490013.71, 3861200.05	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.26E-10	1.13E-10
522	490063.71, 3861200.05	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.27E-10	1.14E-10	2.01E-06	3.17E-10	1.11E-10
523	489513.71, 3861250.05	3.37E-06	5.31E-10	1.85E-10	3.33E-06	5.24E-10	1.83E-10	3.23E-06	5.09E-10	1.77E-10
524	489563.71, 3861250.05	3.13E-06	4.93E-10	1.72E-10	3.09E-06	4.86E-10	1.69E-10	3.00E-06	4.72E-10	1.65E-10
525	489613.71, 3861250.05	2.93E-06	4.62E-10	1.61E-10	2.89E-06	4.56E-10	1.59E-10	2.81E-06	4.43E-10	1.54E-10
526	489663.71, 3861250.05	2.77E-06	4.37E-10	1.52E-10	2.74E-06	4.31E-10	1.50E-10	2.66E-06	4.18E-10	1.46E-10
527	489713.71, 3861250.05	2.64E-06	4.16E-10	1.45E-10	2.60E-06	4.10E-10	1.43E-10	2.53E-06	3.98E-10	1.39E-10
528	489763.71, 3861250.05	2.53E-06	3.98E-10	1.39E-10	2.49E-06	3.93E-10	1.37E-10	2.42E-06	3.81E-10	1.33E-10
529	489813.71, 3861250.05	2.43E-06	3.83E-10	1.33E-10	2.40E-06	3.78E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
530	489863.71, 3861250.05	2.34E-06	3.69E-10	1.28E-10	2.31E-06	3.64E-10	1.27E-10	2.24E-06	3.53E-10	1.23E-10
531	489913.71, 3861250.05	2.26E-06	3.57E-10	1.24E-10	2.23E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
532	489963.71, 3861250.05	2.19E-06	3.46E-10	1.20E-10	2.17E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
533	490013.71, 3861250.05	2.13E-06	3.36E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.22E-10	1.12E-10
534	490063.71, 3861250.05	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.13E-10	1.09E-10
535	489528.13, 3861308.47	3.26E-06	5.14E-10	1.79E-10	3.22E-06	5.07E-10	1.77E-10	3.13E-06	4.92E-10	1.72E-10
536	489578.13, 3861308.47	3.03E-06	4.77E-10	1.66E-10	2.99E-06	4.71E-10	1.64E-10	2.90E-06	4.58E-10	1.59E-10
537	489628.13, 3861308.47	2.85E-06	4.48E-10	1.56E-10	2.81E-06	4.43E-10	1.54E-10	2.73E-06	4.30E-10	1.50E-10
538	489678.13, 3861308.47	2.70E-06	4.25E-10	1.48E-10	2.66E-06	4.19E-10	1.46E-10	2.59E-06	4.07E-10	1.42E-10
539	489728.13, 3861308.47	2.57E-06	4.05E-10	1.41E-10	2.54E-06	4.00E-10	1.39E-10	2.46E-06	3.88E-10	1.35E-10
540	489778.13, 3861308.47	2.46E-06	3.88E-10	1.35E-10	2.43E-06	3.83E-10	1.33E-10	2.36E-06	3.72E-10	1.30E-10
541	489678.13, 3861358.47	2.67E-06	4.20E-10	1.46E-10	2.63E-06	4.15E-10	1.45E-10	2.56E-06	4.03E-10	1.40E-10
542	489728.13, 3861358.47	2.54E-06	4.01E-10	1.40E-10	2.51E-06	3.95E-10	1.38E-10	2.44E-06	3.84E-10	1.34E-10
543	489528.13, 3861408.47	3.21E-06	5.05E-10	1.76E-10	3.16E-06	4.98E-10	1.74E-10	3.07E-06	4.84E-10	1.69E-10
544	489578.13, 3861408.47	2.97E-06	4.69E-10	1.63E-10	2.94E-06	4.62E-10	1.61E-10	2.85E-06	4.49E-10	1.56E-10
545	489628.13, 3861408.47	2.80E-06	4.41E-10	1.54E-10	2.76E-06	4.35E-10	1.52E-10	2.68E-06	4.22E-10	1.47E-10
546	489678.13, 3861408.47	2.64E-06	4.16E-10	1.45E-10	2.61E-06	4.11E-10	1.43E-10	2.53E-06	3.99E-10	1.39E-10
547	489728.13, 3861408.47	2.51E-06	3.96E-10	1.38E-10	2.48E-06	3.91E-10	1.36E-10	2.41E-06	3.80E-10	1.32E-10
548	489528.13, 3861458.47	3.19E-06	5.02E-10	1.75E-10	3.15E-06	4.95E-10	1.73E-10	3.05E-06	4.81E-10	1.68E-10
549	489578.13, 3861458.47	2.95E-06	4.65E-10	1.62E-10	2.92E-06	4.59E-10	1.60E-10	2.83E-06	4.46E-10	1.55E-10
550	489628.13, 3861458.47	2.77E-06	4.36E-10	1.52E-10	2.73E-06	4.30E-10	1.50E-10	2.65E-06	4.18E-10	1.46E-10
551	489678.13, 3861458.47	2.62E-06	4.12E-10	1.44E-10	2.58E-06	4.07E-10	1.42E-10	2.51E-06	3.95E-10	1.38E-10
552	489728.13, 3861458.47	2.48E-06	3.91E-10	1.36E-10	2.45E-06	3.86E-10	1.35E-10	2.38E-06	3.75E-10	1.31E-10
553	489528.13, 3861508.47	3.16E-06	4.99E-10	1.74E-10	3.12E-06	4.92E-10	1.71E-10	3.03E-06	4.78E-10	1.66E-10
554	489578.13, 3861508.47	2.93E-06	4.61E-10	1.61E-10	2.89E-06	4.55E-10	1.59E-10	2.81E-06	4.42E-10	1.54E-10
555	489628.13, 3861508.47	2.74E-06	4.32E-10	1.50E-10	2.71E-06	4.26E-10	1.48E-10	2.63E-06	4.14E-10	1.44E-10
556	489678.13, 3861508.47	2.59E-06	4.08E-10	1.42E-10	2.55E-06	4.02E-10	1.40E-10	2.48E-06	3.91E-10	1.36E-10

557	489728.13, 3861508.47	2.46E-06	3.87E-10	1.35E-10	2.43E-06	3.82E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10
558	489628.13, 3861558.47	2.72E-06	4.29E-10	1.49E-10	2.68E-06	4.23E-10	1.47E-10	2.61E-06	4.11E-10	1.43E-10
559	489678.13, 3861558.47	2.57E-06	4.05E-10	1.41E-10	2.54E-06	4.00E-10	1.39E-10	2.46E-06	3.88E-10	1.35E-10
560	489728.13, 3861558.47	2.44E-06	3.85E-10	1.34E-10	2.41E-06	3.80E-10	1.32E-10	2.34E-06	3.69E-10	1.28E-10
561	489357.08, 3861015.81	5.19E-06	8.18E-10	2.85E-10	5.12E-06	8.07E-10	2.81E-10	4.98E-06	7.84E-10	2.73E-10
562	489407.08, 3861015.81	4.41E-06	6.94E-10	2.42E-10	4.35E-06	6.85E-10	2.39E-10	4.22E-06	6.65E-10	2.32E-10
563	489457.08, 3861015.81	3.91E-06	6.16E-10	2.15E-10	3.86E-06	6.08E-10	2.12E-10	3.75E-06	5.91E-10	2.06E-10
564	489357.08, 3861065.81	5.18E-06	8.16E-10	2.84E-10	5.11E-06	8.05E-10	2.81E-10	4.96E-06	7.82E-10	2.72E-10
565	489407.08, 3861065.81	4.40E-06	6.92E-10	2.41E-10	4.34E-06	6.83E-10	2.38E-10	4.21E-06	6.64E-10	2.31E-10
566	489457.08, 3861065.81	3.89E-06	6.14E-10	2.14E-10	3.84E-06	6.06E-10	2.11E-10	3.73E-06	5.88E-10	2.05E-10
567	489357.08, 3861115.81	5.15E-06	8.11E-10	2.82E-10	5.08E-06	8.00E-10	2.79E-10	4.93E-06	7.77E-10	2.71E-10
568	489407.08, 3861115.81	4.38E-06	6.90E-10	2.41E-10	4.33E-06	6.81E-10	2.37E-10	4.20E-06	6.62E-10	2.31E-10
569	489457.08, 3861115.81	3.88E-06	6.11E-10	2.13E-10	3.83E-06	6.03E-10	2.10E-10	3.72E-06	5.86E-10	2.04E-10
570	489407.08, 3861165.81	4.35E-06	6.85E-10	2.39E-10	4.29E-06	6.76E-10	2.36E-10	4.17E-06	6.57E-10	2.29E-10
571	489457.08, 3861165.81	3.85E-06	6.06E-10	2.11E-10	3.80E-06	5.99E-10	2.09E-10	3.69E-06	5.81E-10	2.02E-10
572	489407.08, 3861215.81	4.31E-06	6.79E-10	2.37E-10	4.25E-06	6.70E-10	2.34E-10	4.13E-06	6.51E-10	2.27E-10
573	489457.08, 3861215.81	3.81E-06	6.00E-10	2.09E-10	3.76E-06	5.92E-10	2.06E-10	3.65E-06	5.75E-10	2.00E-10
574	489407.08, 3861265.81	4.23E-06	6.66E-10	2.32E-10	4.17E-06	6.57E-10	2.29E-10	4.05E-06	6.38E-10	2.22E-10
575	489457.08, 3861265.81	3.75E-06	5.91E-10	2.06E-10	3.70E-06	5.83E-10	2.03E-10	3.59E-06	5.66E-10	1.97E-10
576	489309.86, 3861110.14	6.36E-06	1.00E-09	3.49E-10	6.28E-06	9.89E-10	3.44E-10	6.09E-06	9.60E-10	3.35E-10
577	489407.08, 3861315.81	4.20E-06	6.62E-10	2.31E-10	4.15E-06	6.53E-10	2.28E-10	4.03E-06	6.34E-10	2.21E-10
578	489457.08, 3861315.81	3.73E-06	5.87E-10	2.04E-10	3.68E-06	5.79E-10	2.02E-10	3.57E-06	5.62E-10	1.96E-10
579	488906.03, 3861006.75	2.16E-06	3.41E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
580	488956.03, 3861006.75	2.30E-06	3.63E-10	1.26E-10	2.27E-06	3.58E-10	1.25E-10	2.21E-06	3.47E-10	1.21E-10
581	488904.24, 3861051.87	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
582	488954.24, 3861051.87	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.46E-10	1.21E-10	2.13E-06	3.36E-10	1.17E-10
583	489004.24, 3861051.87	2.36E-06	3.72E-10	1.30E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
584	488804.24, 3861101.87	1.88E-06	2.96E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.88E-11
585	488854.24, 3861101.87	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.05E-10	1.87E-06	2.94E-10	1.02E-10
586	488904.24, 3861101.87	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
587	488954.24, 3861101.87	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
588	489004.24, 3861101.87	2.46E-06	3.87E-10	1.35E-10	2.42E-06	3.82E-10	1.33E-10	2.35E-06	3.71E-10	1.29E-10
589	488804.24, 3861151.87	1.86E-06	2.92E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.78E-06	2.80E-10	9.76E-11
590	488854.24, 3861151.87	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
591	489129.49, 3861187.55	3.83E-06	6.03E-10	2.10E-10	3.78E-06	5.96E-10	2.07E-10	3.67E-06	5.78E-10	2.01E-10
592	489179.49, 3861187.55	6.30E-06	9.93E-10	3.46E-10	6.22E-06	9.80E-10	3.41E-10	6.04E-06	9.51E-10	3.31E-10
593	488804.24, 3861201.87	1.82E-06	2.87E-10	1.00E-10	1.80E-06	2.84E-10	9.88E-11	1.75E-06	2.75E-10	9.60E-11
594	488854.24, 3861201.87	1.90E-06	3.00E-10	1.05E-10	1.88E-06	2.96E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
595	489129.49, 3861237.55	3.82E-06	6.01E-10	2.09E-10	3.77E-06	5.93E-10	2.07E-10	3.66E-06	5.76E-10	2.01E-10
596	489179.49, 3861237.55	6.36E-06	1.00E-09	3.49E-10	6.27E-06	9.88E-10	3.44E-10	6.09E-06	9.60E-10	3.34E-10
597	488804.24, 3861251.87	1.80E-06	2.83E-10	9.85E-11	1.77E-06	2.79E-10	9.72E-11	1.72E-06	2.71E-10	9.44E-11
598	488854.24, 3861251.87	1.88E-06	2.96E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.83E-10	9.87E-11
599	488804.24, 3861301.87	1.77E-06	2.78E-10	9.69E-11	1.74E-06	2.74E-10	9.56E-11	1.69E-06	2.66E-10	9.28E-11
600	488854.24, 3861301.87	1.85E-06	2.91E-10	1.01E-10	1.83E-06	2.88E-10	1.00E-10	1.77E-06	2.79E-10	9.73E-11
601	490943.5, 3860181.97	3.08E-06	4.85E-10	1.69E-10	3.04E-06	4.79E-10	1.67E-10	2.95E-06	4.65E-10	1.62E-10
602	490993.5, 3860181.97	3.05E-06	4.81E-10	1.68E-10	3.02E-06	4.75E-10	1.65E-10	2.93E-06	4.61E-10	1.61E-10
603	491043.5, 3860181.97	3.03E-06	4.78E-10	1.66E-10	2.99E-06	4.72E-10	1.64E-10	2.91E-06	4.58E-10	1.60E-10
604	491093.5, 3860181.97	3.01E-06	4.74E-10	1.65E-10	2.97E-06	4.67E-10	1.63E-10	2.88E-06	4.54E-10	1.58E-10
605	490943.5, 3860231.97	2.95E-06	4.64E-10	1.62E-10	2.91E-06	4.58E-10	1.60E-10	2.82E-06	4.45E-10	1.55E-10
606	490993.5, 3860231.97	2.93E-06	4.62E-10	1.61E-10	2.89E-06	4.56E-10	1.59E-10	2.81E-06	4.43E-10	1.54E-10
607	491043.5, 3860231.97	2.90E-06	4.57E-10	1.59E-10	2.86E-06	4.51E-10	1.57E-10	2.78E-06	4.38E-10	1.53E-10
608	491093.5, 3860231.97	2.87E-06	4.53E-10	1.58E-10	2.84E-06	4.47E-10	1.56E-10	2.75E-06	4.34E-10	1.51E-10
609	490943.5, 3860281.97	2.83E-06	4.45E-10	1.55E-10	2.79E-06	4.39E-10	1.53E-10	2.71E-06	4.27E-10	1.49E-10
610	490993.5, 3860281.97	2.81E-06	4.43E-10	1.54E-10	2.77E-06	4.37E-10	1.52E-10	2.69E-06	4.24E-10	1.48E-10
611	491043.5, 3860281.97	2.78E-06	4.38E-10	1.53E-10	2.75E-06	4.33E-10	1.51E-10	2.67E-06	4.20E-10	1.46E-10
612	491093.5, 3860281.97	2.76E-06	4.34E-10	1.51E-10	2.72E-06	4.29E-10	1.49E-10	2.64E-06	4.16E-10	1.45E-10
613	490943.5, 3860331.97	2.72E-06	4.28E-10	1.49E-10	2.68E-06	4.22E-10	1.47E-10	2.60E-06	4.10E-10	1.43E-10
614	490993.5, 3860331.97	2.69E-06	4.24E-10	1.48E-10	2.66E-06	4.18E-10	1.46E-10	2.58E-06	4.06E-10	1.42E-10
615	491043.5, 3860331.97	2.67E-06	4.20E-10	1.46E-10	2.63E-06	4.14E-10	1.44E-10	2.55E-06	4.02E-10	1.40E-10
616	491093.5, 3860331.97	2.64E-06	4.16E-10	1.45E-10	2.61E-06	4.11E-10	1.43E-10	2.53E-06	3.99E-10	1.39E-10
617	490086.72, 3859935.12	4.75E-06	7.48E-10	2.61E-10	4.69E-06	7.39E-10	2.57E-10	4.55E-06	7.17E-10	2.50E-10
618	490136.72, 3859935.12	4.70E-06	7.40E-10	2.58E-10	4.64E-06	7.31E-10	2.55E-10	4.50E-06	7.10E-10	2.47E-10
619	490186.72, 3859935.12	4.65E-06	7.33E-10	2.55E-10	4.59E-06	7.23E-10	2.52E-10	4.46E-06	7.02E-10	2.45E-10
620	490236.72, 3859935.12	4.60E-06	7.25E-10	2.53E-10	4.54E-06	7.16E-10	2.49E-10	4.41E-06	6.95E-10	2.42E-10
621	490286.72, 3859935.12	4.55E-06	7.17E-10	2.50E-10	4.49E-06	7.07E-10	2.46E-10	4.36E-06	6.87E-10	2.39E-10
622	490336.72, 3859935.12	4.49E-06	7.08E-10	2.47E-10	4.43E-06	6.98E-10	2.43E-10	4.31E-06	6.78E-10	2.36E-10
623	490386.72, 3859935.12	4.44E-06	6.99E-10	2.44E-10	4.38E-06	6.90E-10	2.40E-10	4.26E-06	6.70E-10	2.34E-10
624	490436.72, 3859935.12	4.39E-06	6.91E-10	2.41E-10	4.33E-06	6.82E-10	2.38E-10	4.20E-06	6.62E-10	2.31E-10
625	490486.72, 3859935.12	4.34E-06	6.83E-10	2.38E-10	4.28E-06	6.74E-10	2.35E-10	4.16E-06	6.55E-10	2.28E-10
626	490536.72, 3859935.12	4.31E-06	6.79E-10	2.37E-10	4.26E-06	6.70E-10	2.34E-10	4.13E-06	6.51E-10	2.27E-10

627	490586.72, 3859935.12	4.30E-06	6.77E-10	2.36E-10	4.24E-06	6.68E-10	2.33E-10	4.12E-06	6.49E-10	2.26E-10
628	490636.72, 3859935.12	4.27E-06	6.73E-10	2.34E-10	4.21E-06	6.64E-10	2.31E-10	4.09E-06	6.45E-10	2.25E-10
629	490686.72, 3859935.12	4.27E-06	6.73E-10	2.34E-10	4.22E-06	6.64E-10	2.31E-10	4.09E-06	6.45E-10	2.25E-10
630	490736.72, 3859935.12	4.27E-06	6.72E-10	2.34E-10	4.21E-06	6.63E-10	2.31E-10	4.09E-06	6.44E-10	2.24E-10
631	490086.72, 3859985.12	4.46E-06	7.02E-10	2.45E-10	4.40E-06	6.93E-10	2.41E-10	4.27E-06	6.73E-10	2.34E-10
632	490136.72, 3859985.12	4.41E-06	6.94E-10	2.42E-10	4.35E-06	6.85E-10	2.39E-10	4.22E-06	6.65E-10	2.32E-10
633	490186.72, 3859985.12	4.37E-06	6.88E-10	2.40E-10	4.31E-06	6.79E-10	2.36E-10	4.18E-06	6.59E-10	2.30E-10
634	490236.72, 3859985.12	4.33E-06	6.82E-10	2.38E-10	4.27E-06	6.73E-10	2.35E-10	4.15E-06	6.54E-10	2.28E-10
635	490286.72, 3859985.12	4.28E-06	6.75E-10	2.35E-10	4.23E-06	6.66E-10	2.32E-10	4.11E-06	6.47E-10	2.25E-10
636	490336.72, 3859985.12	4.24E-06	6.67E-10	2.32E-10	4.18E-06	6.59E-10	2.29E-10	4.06E-06	6.40E-10	2.23E-10
637	490386.72, 3859985.12	4.18E-06	6.58E-10	2.29E-10	4.13E-06	6.50E-10	2.26E-10	4.01E-06	6.31E-10	2.20E-10
638	490436.72, 3859985.12	4.13E-06	6.51E-10	2.27E-10	4.08E-06	6.42E-10	2.24E-10	3.96E-06	6.24E-10	2.17E-10
639	490486.72, 3859985.12	4.09E-06	6.44E-10	2.24E-10	4.03E-06	6.35E-10	2.21E-10	3.92E-06	6.17E-10	2.15E-10
640	490536.72, 3859985.12	4.05E-06	6.39E-10	2.23E-10	4.00E-06	6.30E-10	2.20E-10	3.89E-06	6.12E-10	2.13E-10
641	490586.72, 3859985.12	4.03E-06	6.35E-10	2.21E-10	3.98E-06	6.27E-10	2.18E-10	3.86E-06	6.09E-10	2.12E-10
642	490636.72, 3859985.12	4.02E-06	6.33E-10	2.20E-10	3.96E-06	6.24E-10	2.17E-10	3.85E-06	6.06E-10	2.11E-10
643	490686.72, 3859985.12	4.01E-06	6.32E-10	2.20E-10	3.96E-06	6.24E-10	2.17E-10	3.85E-06	6.06E-10	2.11E-10
644	490736.72, 3859985.12	3.99E-06	6.29E-10	2.19E-10	3.94E-06	6.20E-10	2.16E-10	3.82E-06	6.03E-10	2.10E-10
645	490786.72, 3859985.12	3.97E-06	6.26E-10	2.18E-10	3.92E-06	6.17E-10	2.15E-10	3.81E-06	6.00E-10	2.09E-10
646	490086.72, 3860035.12	4.20E-06	6.62E-10	2.31E-10	4.15E-06	6.53E-10	2.28E-10	4.03E-06	6.34E-10	2.21E-10
647	490136.72, 3860035.12	4.16E-06	6.55E-10	2.28E-10	4.10E-06	6.46E-10	2.25E-10	3.98E-06	6.27E-10	2.19E-10
648	490186.72, 3860035.12	4.11E-06	6.48E-10	2.26E-10	4.06E-06	6.39E-10	2.23E-10	3.94E-06	6.21E-10	2.16E-10
649	490236.72, 3860035.12	4.07E-06	6.42E-10	2.24E-10	4.02E-06	6.33E-10	2.21E-10	3.90E-06	6.15E-10	2.14E-10
650	490286.72, 3860035.12	4.03E-06	6.35E-10	2.21E-10	3.98E-06	6.27E-10	2.18E-10	3.86E-06	6.09E-10	2.12E-10
651	490336.72, 3860035.12	4.00E-06	6.30E-10	2.19E-10	3.95E-06	6.22E-10	2.17E-10	3.83E-06	6.04E-10	2.10E-10
652	490386.72, 3860035.12	3.95E-06	6.22E-10	2.17E-10	3.90E-06	6.14E-10	2.14E-10	3.79E-06	5.96E-10	2.08E-10
653	490436.72, 3860035.12	3.91E-06	6.15E-10	2.14E-10	3.85E-06	6.07E-10	2.12E-10	3.74E-06	5.90E-10	2.05E-10
654	490486.72, 3860035.12	3.87E-06	6.09E-10	2.12E-10	3.81E-06	6.01E-10	2.09E-10	3.70E-06	5.84E-10	2.03E-10
655	490536.72, 3860035.12	3.83E-06	6.04E-10	2.10E-10	3.78E-06	5.96E-10	2.08E-10	3.67E-06	5.79E-10	2.02E-10
656	490586.72, 3860035.12	3.80E-06	5.99E-10	2.09E-10	3.75E-06	5.91E-10	2.06E-10	3.64E-06	5.74E-10	2.00E-10
657	490636.72, 3860035.12	3.77E-06	5.93E-10	2.07E-10	3.72E-06	5.86E-10	2.04E-10	3.61E-06	5.69E-10	1.98E-10
658	490686.72, 3860035.12	3.75E-06	5.91E-10	2.06E-10	3.70E-06	5.83E-10	2.03E-10	3.59E-06	5.66E-10	1.97E-10
659	490736.72, 3860035.12	3.75E-06	5.91E-10	2.06E-10	3.71E-06	5.84E-10	2.03E-10	3.60E-06	5.67E-10	1.97E-10
660	490786.72, 3860035.12	3.73E-06	5.88E-10	2.05E-10	3.68E-06	5.80E-10	2.02E-10	3.57E-06	5.63E-10	1.96E-10
661	490836.72, 3860035.12	3.71E-06	5.84E-10	2.03E-10	3.66E-06	5.76E-10	2.01E-10	3.55E-06	5.60E-10	1.95E-10
662	490086.72, 3860085.12	4.00E-06	6.30E-10	2.20E-10	3.95E-06	6.22E-10	2.17E-10	3.83E-06	6.04E-10	2.10E-10
663	490136.72, 3860085.12	3.94E-06	6.20E-10	2.16E-10	3.88E-06	6.12E-10	2.13E-10	3.77E-06	5.94E-10	2.07E-10
664	490186.72, 3860085.12	3.90E-06	6.14E-10	2.14E-10	3.85E-06	6.06E-10	2.11E-10	3.74E-06	5.89E-10	2.05E-10
665	490236.72, 3860085.12	3.86E-06	6.08E-10	2.12E-10	3.81E-06	6.00E-10	2.09E-10	3.70E-06	5.82E-10	2.03E-10
666	490286.72, 3860085.12	3.82E-06	6.01E-10	2.10E-10	3.77E-06	5.94E-10	2.07E-10	3.66E-06	5.76E-10	2.01E-10
667	490336.72, 3860085.12	3.78E-06	5.95E-10	2.07E-10	3.73E-06	5.87E-10	2.05E-10	3.62E-06	5.70E-10	1.99E-10
668	490386.72, 3860085.12	3.74E-06	5.89E-10	2.05E-10	3.69E-06	5.81E-10	2.03E-10	3.58E-06	5.64E-10	1.97E-10
669	490436.72, 3860085.12	3.70E-06	5.83E-10	2.03E-10	3.65E-06	5.75E-10	2.00E-10	3.55E-06	5.59E-10	1.95E-10
670	490486.72, 3860085.12	3.66E-06	5.77E-10	2.01E-10	3.61E-06	5.69E-10	1.98E-10	3.51E-06	5.53E-10	1.93E-10
671	490536.72, 3860085.12	3.63E-06	5.72E-10	1.99E-10	3.59E-06	5.65E-10	1.97E-10	3.48E-06	5.49E-10	1.91E-10
672	490586.72, 3860085.12	3.60E-06	5.68E-10	1.98E-10	3.56E-06	5.60E-10	1.95E-10	3.45E-06	5.44E-10	1.90E-10
673	490636.72, 3860085.12	3.57E-06	5.63E-10	1.96E-10	3.53E-06	5.55E-10	1.93E-10	3.42E-06	5.39E-10	1.88E-10
674	490686.72, 3860085.12	3.55E-06	5.59E-10	1.95E-10	3.50E-06	5.52E-10	1.92E-10	3.40E-06	5.36E-10	1.87E-10
675	490736.72, 3860085.12	3.53E-06	5.57E-10	1.94E-10	3.49E-06	5.49E-10	1.91E-10	3.39E-06	5.34E-10	1.86E-10
676	490786.72, 3860085.12	3.52E-06	5.54E-10	1.93E-10	3.47E-06	5.47E-10	1.91E-10	3.37E-06	5.31E-10	1.85E-10
677	490836.72, 3860085.12	3.49E-06	5.50E-10	1.92E-10	3.45E-06	5.43E-10	1.89E-10	3.35E-06	5.27E-10	1.84E-10
678	490086.72, 3860135.12	3.79E-06	5.97E-10	2.08E-10	3.74E-06	5.89E-10	2.05E-10	3.63E-06	5.72E-10	1.99E-10
679	490136.72, 3860135.12	3.74E-06	5.90E-10	2.05E-10	3.69E-06	5.82E-10	2.03E-10	3.59E-06	5.65E-10	1.97E-10
680	490186.72, 3860135.12	3.70E-06	5.83E-10	2.03E-10	3.65E-06	5.76E-10	2.01E-10	3.55E-06	5.59E-10	1.95E-10
681	490236.72, 3860135.12	3.66E-06	5.76E-10	2.01E-10	3.61E-06	5.69E-10	1.98E-10	3.51E-06	5.52E-10	1.92E-10
682	490286.72, 3860135.12	3.62E-06	5.70E-10	1.99E-10	3.57E-06	5.63E-10	1.96E-10	3.47E-06	5.47E-10	1.90E-10
683	490336.72, 3860135.12	3.59E-06	5.65E-10	1.97E-10	3.54E-06	5.57E-10	1.94E-10	3.44E-06	5.41E-10	1.89E-10
684	490386.72, 3860135.12	3.55E-06	5.59E-10	1.95E-10	3.50E-06	5.52E-10	1.92E-10	3.40E-06	5.36E-10	1.87E-10
685	490436.72, 3860135.12	3.51E-06	5.53E-10	1.93E-10	3.47E-06	5.46E-10	1.90E-10	3.37E-06	5.30E-10	1.85E-10
686	490486.72, 3860135.12	3.48E-06	5.48E-10	1.91E-10	3.44E-06	5.41E-10	1.89E-10	3.34E-06	5.26E-10	1.83E-10
687	490536.72, 3860135.12	3.46E-06	5.44E-10	1.90E-10	3.41E-06	5.37E-10	1.87E-10	3.31E-06	5.22E-10	1.82E-10
688	490586.72, 3860135.12	3.43E-06	5.40E-10	1.88E-10	3.38E-06	5.33E-10	1.86E-10	3.29E-06	5.18E-10	1.80E-10
689	490636.72, 3860135.12	3.40E-06	5.36E-10	1.87E-10	3.36E-06	5.29E-10	1.84E-10	3.26E-06	5.13E-10	1.79E-10
690	490686.72, 3860135.12	3.37E-06	5.31E-10	1.85E-10	3.33E-06	5.24E-10	1.83E-10	3.23E-06	5.09E-10	1.77E-10
691	490736.72, 3860135.12	3.35E-06	5.27E-10	1.84E-10	3.30E-06	5.20E-10	1.81E-10	3.21E-06	5.05E-10	1.76E-10
692	490786.72, 3860135.12	3.33E-06	5.25E-10	1.83E-10	3.29E-06	5.18E-10	1.80E-10	3.19E-06	5.03E-10	1.75E-10
693	490836.72, 3860135.12	3.30E-06	5.20E-10	1.81E-10	3.26E-06	5.14E-10	1.79E-10	3.17E-06	4.99E-10	1.74E-10
694	490086.72, 3860185.12	3.62E-06	5.70E-10	1.99E-10	3.57E-06	5.62E-10	1.96E-10	3.47E-06	5.46E-10	1.90E-10
695	490136.72, 3860185.12	3.58E-06	5.63E-10	1.96E-10	3.53E-06	5.56E-10	1.94E-10	3.43E-06	5.40E-10	1.88E-10
696	490186.72, 3860185.12	3.53E-06	5.57E-10	1.94E-10	3.49E-06	5.49E-10	1.91E-10	3.39E-06	5.34E-10	1.86E-10

697	490236.72, 3860185.12	3.49E-06	5.50E-10	1.92E-10	3.44E-06	5.43E-10	1.89E-10	3.34E-06	5.27E-10	1.84E-10
698	490286.72, 3860185.12	3.45E-06	5.43E-10	1.89E-10	3.40E-06	5.36E-10	1.87E-10	3.31E-06	5.21E-10	1.81E-10
699	490336.72, 3860185.12	3.41E-06	5.37E-10	1.87E-10	3.37E-06	5.30E-10	1.85E-10	3.27E-06	5.15E-10	1.79E-10
700	490386.72, 3860185.12	3.38E-06	5.32E-10	1.85E-10	3.33E-06	5.25E-10	1.83E-10	3.24E-06	5.10E-10	1.78E-10
701	490436.72, 3860185.12	3.35E-06	5.27E-10	1.84E-10	3.30E-06	5.20E-10	1.81E-10	3.21E-06	5.05E-10	1.76E-10
702	490486.72, 3860185.12	3.32E-06	5.22E-10	1.82E-10	3.27E-06	5.16E-10	1.80E-10	3.18E-06	5.01E-10	1.74E-10
703	490536.72, 3860185.12	3.29E-06	5.19E-10	1.81E-10	3.25E-06	5.12E-10	1.78E-10	3.15E-06	4.97E-10	1.73E-10
704	490586.72, 3860185.12	3.27E-06	5.15E-10	1.80E-10	3.23E-06	5.09E-10	1.77E-10	3.14E-06	4.94E-10	1.72E-10
705	490636.72, 3860185.12	3.24E-06	5.11E-10	1.78E-10	3.20E-06	5.04E-10	1.76E-10	3.11E-06	4.90E-10	1.71E-10
706	490686.72, 3860185.12	3.22E-06	5.07E-10	1.77E-10	3.18E-06	5.00E-10	1.74E-10	3.08E-06	4.86E-10	1.69E-10
707	490736.72, 3860185.12	3.19E-06	5.02E-10	1.75E-10	3.15E-06	4.96E-10	1.73E-10	3.05E-06	4.81E-10	1.68E-10
708	490786.72, 3860185.12	3.16E-06	4.98E-10	1.74E-10	3.12E-06	4.92E-10	1.71E-10	3.03E-06	4.78E-10	1.66E-10
709	490836.72, 3860185.12	3.14E-06	4.95E-10	1.72E-10	3.10E-06	4.88E-10	1.70E-10	3.01E-06	4.74E-10	1.65E-10
710	490086.72, 3860235.12	3.47E-06	5.47E-10	1.90E-10	3.42E-06	5.40E-10	1.88E-10	3.33E-06	5.24E-10	1.83E-10
711	490136.72, 3860235.12	3.43E-06	5.40E-10	1.88E-10	3.38E-06	5.33E-10	1.86E-10	3.28E-06	5.17E-10	1.80E-10
712	490186.72, 3860235.12	3.38E-06	5.33E-10	1.86E-10	3.34E-06	5.26E-10	1.83E-10	3.24E-06	5.11E-10	1.78E-10
713	490236.72, 3860235.12	3.34E-06	5.26E-10	1.83E-10	3.30E-06	5.19E-10	1.81E-10	3.20E-06	5.04E-10	1.76E-10
714	490286.72, 3860235.12	3.30E-06	5.20E-10	1.81E-10	3.26E-06	5.13E-10	1.79E-10	3.16E-06	4.98E-10	1.74E-10
715	490336.72, 3860235.12	3.26E-06	5.14E-10	1.79E-10	3.22E-06	5.07E-10	1.77E-10	3.13E-06	4.92E-10	1.72E-10
716	490386.72, 3860235.12	3.23E-06	5.08E-10	1.77E-10	3.18E-06	5.02E-10	1.75E-10	3.09E-06	4.87E-10	1.70E-10
717	490436.72, 3860235.12	3.20E-06	5.04E-10	1.76E-10	3.16E-06	4.97E-10	1.73E-10	3.06E-06	4.83E-10	1.68E-10
718	490486.72, 3860235.12	3.17E-06	4.99E-10	1.74E-10	3.13E-06	4.93E-10	1.72E-10	3.04E-06	4.78E-10	1.67E-10
719	490536.72, 3860235.12	3.15E-06	4.96E-10	1.73E-10	3.10E-06	4.89E-10	1.70E-10	3.01E-06	4.75E-10	1.65E-10
720	490586.72, 3860235.12	3.12E-06	4.92E-10	1.71E-10	3.08E-06	4.86E-10	1.69E-10	2.99E-06	4.72E-10	1.64E-10
721	490636.72, 3860235.12	3.10E-06	4.89E-10	1.70E-10	3.06E-06	4.82E-10	1.68E-10	2.97E-06	4.68E-10	1.63E-10
722	490686.72, 3860235.12	3.08E-06	4.85E-10	1.69E-10	3.04E-06	4.79E-10	1.67E-10	2.95E-06	4.65E-10	1.62E-10
723	490736.72, 3860235.12	3.05E-06	4.81E-10	1.68E-10	3.01E-06	4.75E-10	1.65E-10	2.93E-06	4.61E-10	1.61E-10
724	490786.72, 3860235.12	3.02E-06	4.77E-10	1.66E-10	2.99E-06	4.70E-10	1.64E-10	2.90E-06	4.57E-10	1.59E-10
725	490086.72, 3860285.12	3.33E-06	5.25E-10	1.83E-10	3.29E-06	5.18E-10	1.81E-10	3.19E-06	5.03E-10	1.75E-10
726	490136.72, 3860285.12	3.29E-06	5.19E-10	1.81E-10	3.25E-06	5.12E-10	1.78E-10	3.15E-06	4.97E-10	1.73E-10
727	490186.72, 3860285.12	3.25E-06	5.12E-10	1.78E-10	3.21E-06	5.05E-10	1.76E-10	3.11E-06	4.90E-10	1.71E-10
728	490236.72, 3860285.12	3.21E-06	5.06E-10	1.76E-10	3.17E-06	4.99E-10	1.74E-10	3.08E-06	4.84E-10	1.69E-10
729	490286.72, 3860285.12	3.17E-06	4.99E-10	1.74E-10	3.12E-06	4.92E-10	1.72E-10	3.03E-06	4.78E-10	1.67E-10
730	490336.72, 3860285.12	3.13E-06	4.93E-10	1.72E-10	3.09E-06	4.86E-10	1.69E-10	3.00E-06	4.72E-10	1.64E-10
731	490386.72, 3860285.12	3.09E-06	4.88E-10	1.70E-10	3.05E-06	4.81E-10	1.68E-10	2.97E-06	4.67E-10	1.63E-10
732	490436.72, 3860285.12	3.06E-06	4.83E-10	1.68E-10	3.02E-06	4.76E-10	1.66E-10	2.94E-06	4.63E-10	1.61E-10
733	490486.72, 3860285.12	3.04E-06	4.78E-10	1.67E-10	3.00E-06	4.72E-10	1.65E-10	2.91E-06	4.59E-10	1.60E-10
734	490536.72, 3860285.12	3.01E-06	4.74E-10	1.65E-10	2.97E-06	4.68E-10	1.63E-10	2.89E-06	4.55E-10	1.58E-10
735	490586.72, 3860285.12	2.99E-06	4.71E-10	1.64E-10	2.95E-06	4.65E-10	1.62E-10	2.86E-06	4.51E-10	1.57E-10
736	490636.72, 3860285.12	2.97E-06	4.67E-10	1.63E-10	2.93E-06	4.61E-10	1.61E-10	2.84E-06	4.48E-10	1.56E-10
737	490686.72, 3860285.12	2.95E-06	4.64E-10	1.62E-10	2.91E-06	4.58E-10	1.60E-10	2.83E-06	4.45E-10	1.55E-10
738	490736.72, 3860285.12	2.93E-06	4.61E-10	1.61E-10	2.89E-06	4.55E-10	1.58E-10	2.80E-06	4.42E-10	1.54E-10
739	490786.72, 3860285.12	2.90E-06	4.57E-10	1.59E-10	2.87E-06	4.51E-10	1.57E-10	2.78E-06	4.38E-10	1.53E-10
740	490086.72, 3860335.12	3.21E-06	5.05E-10	1.76E-10	3.16E-06	4.99E-10	1.74E-10	3.07E-06	4.84E-10	1.69E-10
741	490136.72, 3860335.12	3.17E-06	4.99E-10	1.74E-10	3.13E-06	4.93E-10	1.72E-10	3.04E-06	4.78E-10	1.67E-10
742	490186.72, 3860335.12	3.13E-06	4.92E-10	1.72E-10	3.09E-06	4.86E-10	1.69E-10	3.00E-06	4.72E-10	1.64E-10
743	490236.72, 3860335.12	3.09E-06	4.87E-10	1.70E-10	3.05E-06	4.80E-10	1.67E-10	2.96E-06	4.66E-10	1.62E-10
744	490286.72, 3860335.12	3.05E-06	4.80E-10	1.67E-10	3.01E-06	4.74E-10	1.65E-10	2.92E-06	4.60E-10	1.60E-10
745	490336.72, 3860335.12	3.01E-06	4.74E-10	1.65E-10	2.97E-06	4.68E-10	1.63E-10	2.88E-06	4.54E-10	1.58E-10
746	490386.72, 3860335.12	2.98E-06	4.69E-10	1.63E-10	2.94E-06	4.63E-10	1.61E-10	2.85E-06	4.49E-10	1.57E-10
747	490436.72, 3860335.12	2.94E-06	4.64E-10	1.62E-10	2.91E-06	4.58E-10	1.59E-10	2.82E-06	4.45E-10	1.55E-10
748	490486.72, 3860335.12	2.92E-06	4.59E-10	1.60E-10	2.88E-06	4.53E-10	1.58E-10	2.80E-06	4.40E-10	1.53E-10
749	490536.72, 3860335.12	2.89E-06	4.56E-10	1.59E-10	2.86E-06	4.50E-10	1.57E-10	2.77E-06	4.37E-10	1.52E-10
750	490586.72, 3860335.12	2.87E-06	4.52E-10	1.57E-10	2.83E-06	4.46E-10	1.55E-10	2.75E-06	4.33E-10	1.51E-10
751	490636.72, 3860335.12	2.85E-06	4.49E-10	1.56E-10	2.81E-06	4.43E-10	1.54E-10	2.73E-06	4.30E-10	1.50E-10
752	490686.72, 3860335.12	2.83E-06	4.46E-10	1.55E-10	2.79E-06	4.40E-10	1.53E-10	2.71E-06	4.27E-10	1.49E-10
753	490736.72, 3860335.12	2.81E-06	4.42E-10	1.54E-10	2.77E-06	4.37E-10	1.52E-10	2.69E-06	4.24E-10	1.48E-10
754	490786.72, 3860335.12	2.79E-06	4.40E-10	1.53E-10	2.76E-06	4.34E-10	1.51E-10	2.68E-06	4.21E-10	1.47E-10
755	490086.72, 3860385.12	3.09E-06	4.87E-10	1.70E-10	3.05E-06	4.81E-10	1.68E-10	2.96E-06	4.67E-10	1.63E-10
756	490136.72, 3860385.12	3.06E-06	4.81E-10	1.68E-10	3.02E-06	4.75E-10	1.65E-10	2.93E-06	4.61E-10	1.61E-10
757	490186.72, 3860385.12	3.01E-06	4.75E-10	1.65E-10	2.97E-06	4.68E-10	1.63E-10	2.89E-06	4.55E-10	1.58E-10
758	490236.72, 3860385.12	2.98E-06	4.69E-10	1.63E-10	2.94E-06	4.63E-10	1.61E-10	2.85E-06	4.49E-10	1.57E-10
759	490286.72, 3860385.12	2.94E-06	4.63E-10	1.61E-10	2.90E-06	4.57E-10	1.59E-10	2.82E-06	4.44E-10	1.55E-10
760	490336.72, 3860385.12	2.90E-06	4.57E-10	1.59E-10	2.86E-06	4.51E-10	1.57E-10	2.78E-06	4.38E-10	1.53E-10
761	490386.72, 3860385.12	2.87E-06	4.52E-10	1.57E-10	2.83E-06	4.46E-10	1.55E-10	2.75E-06	4.33E-10	1.51E-10
762	490436.72, 3860385.12	2.84E-06	4.47E-10	1.56E-10	2.80E-06	4.41E-10	1.54E-10	2.72E-06	4.28E-10	1.49E-10
763	490486.72, 3860385.12	2.81E-06	4.43E-10	1.54E-10	2.77E-06	4.37E-10	1.52E-10	2.69E-06	4.24E-10	1.48E-10
764	490536.72, 3860385.12	2.79E-06	4.39E-10	1.53E-10	2.75E-06	4.33E-10	1.51E-10	2.67E-06	4.21E-10	1.47E-10
765	490586.72, 3860385.12	2.76E-06	4.35E-10	1.52E-10	2.73E-06	4.30E-10	1.50E-10	2.65E-06	4.17E-10	1.45E-10
766	490636.72, 3860385.12	2.74E-06	4.32E-10	1.50E-10	2.70E-06	4.26E-10	1.48E-10	2.63E-06	4.14E-10	1.44E-10

767	490686.72, 3860385.12	2.72E-06	4.29E-10	1.49E-10	2.69E-06	4.23E-10	1.47E-10	2.61E-06	4.11E-10	1.43E-10
768	490736.72, 3860385.12	2.70E-06	4.25E-10	1.48E-10	2.66E-06	4.20E-10	1.46E-10	2.59E-06	4.08E-10	1.42E-10
769	490786.72, 3860385.12	2.68E-06	4.22E-10	1.47E-10	2.64E-06	4.17E-10	1.45E-10	2.57E-06	4.05E-10	1.41E-10
770	490136.72, 3860435.12	2.95E-06	4.64E-10	1.62E-10	2.91E-06	4.58E-10	1.60E-10	2.82E-06	4.45E-10	1.55E-10
771	490186.72, 3860435.12	2.91E-06	4.58E-10	1.60E-10	2.87E-06	4.52E-10	1.58E-10	2.79E-06	4.39E-10	1.53E-10
772	490236.72, 3860435.12	2.87E-06	4.53E-10	1.58E-10	2.84E-06	4.47E-10	1.56E-10	2.75E-06	4.34E-10	1.51E-10
773	490286.72, 3860435.12	2.84E-06	4.47E-10	1.56E-10	2.80E-06	4.41E-10	1.54E-10	2.72E-06	4.28E-10	1.49E-10
774	490336.72, 3860435.12	2.80E-06	4.41E-10	1.54E-10	2.77E-06	4.36E-10	1.52E-10	2.69E-06	4.23E-10	1.47E-10
775	490386.72, 3860435.12	2.77E-06	4.36E-10	1.52E-10	2.73E-06	4.31E-10	1.50E-10	2.66E-06	4.18E-10	1.46E-10
776	490436.72, 3860435.12	2.74E-06	4.32E-10	1.50E-10	2.70E-06	4.26E-10	1.48E-10	2.63E-06	4.14E-10	1.44E-10
777	490486.72, 3860435.12	2.71E-06	4.27E-10	1.49E-10	2.68E-06	4.22E-10	1.47E-10	2.60E-06	4.10E-10	1.43E-10
778	490536.72, 3860435.12	2.69E-06	4.23E-10	1.48E-10	2.65E-06	4.18E-10	1.46E-10	2.58E-06	4.06E-10	1.41E-10
779	490586.72, 3860435.12	2.66E-06	4.20E-10	1.46E-10	2.63E-06	4.14E-10	1.44E-10	2.55E-06	4.02E-10	1.40E-10
780	490636.72, 3860435.12	2.64E-06	4.16E-10	1.45E-10	2.61E-06	4.11E-10	1.43E-10	2.53E-06	3.99E-10	1.39E-10
781	490686.72, 3860435.12	2.62E-06	4.13E-10	1.44E-10	2.59E-06	4.07E-10	1.42E-10	2.51E-06	3.96E-10	1.38E-10
782	490736.72, 3860435.12	2.60E-06	4.10E-10	1.43E-10	2.57E-06	4.05E-10	1.41E-10	2.49E-06	3.93E-10	1.37E-10
783	490786.72, 3860435.12	2.58E-06	4.07E-10	1.42E-10	2.55E-06	4.01E-10	1.40E-10	2.47E-06	3.90E-10	1.36E-10
784	490136.72, 3860485.12	2.85E-06	4.50E-10	1.57E-10	2.82E-06	4.44E-10	1.55E-10	2.74E-06	4.31E-10	1.50E-10
785	490186.72, 3860485.12	2.82E-06	4.43E-10	1.55E-10	2.78E-06	4.38E-10	1.52E-10	2.70E-06	4.25E-10	1.48E-10
786	490236.72, 3860485.12	2.78E-06	4.38E-10	1.52E-10	2.74E-06	4.32E-10	1.50E-10	2.66E-06	4.19E-10	1.46E-10
787	490286.72, 3860485.12	2.74E-06	4.32E-10	1.51E-10	2.71E-06	4.27E-10	1.49E-10	2.63E-06	4.14E-10	1.44E-10
788	490336.72, 3860485.12	2.71E-06	4.27E-10	1.49E-10	2.68E-06	4.21E-10	1.47E-10	2.60E-06	4.09E-10	1.43E-10
789	490386.72, 3860485.12	2.68E-06	4.22E-10	1.47E-10	2.65E-06	4.17E-10	1.45E-10	2.57E-06	4.05E-10	1.41E-10
790	490436.72, 3860485.12	2.66E-06	4.18E-10	1.46E-10	2.62E-06	4.13E-10	1.44E-10	2.55E-06	4.01E-10	1.40E-10
791	490486.72, 3860485.12	2.63E-06	4.14E-10	1.44E-10	2.59E-06	4.08E-10	1.42E-10	2.52E-06	3.97E-10	1.38E-10
792	490536.72, 3860485.12	2.60E-06	4.09E-10	1.43E-10	2.57E-06	4.04E-10	1.41E-10	2.49E-06	3.92E-10	1.37E-10
793	490586.72, 3860485.12	2.57E-06	4.05E-10	1.41E-10	2.54E-06	4.00E-10	1.39E-10	2.47E-06	3.89E-10	1.35E-10
794	490636.72, 3860485.12	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.97E-10	1.38E-10	2.45E-06	3.85E-10	1.34E-10
795	490686.72, 3860485.12	2.53E-06	3.98E-10	1.39E-10	2.50E-06	3.93E-10	1.37E-10	2.42E-06	3.82E-10	1.33E-10
796	490736.72, 3860485.12	2.51E-06	3.95E-10	1.38E-10	2.48E-06	3.90E-10	1.36E-10	2.40E-06	3.79E-10	1.32E-10
797	490786.72, 3860485.12	2.49E-06	3.92E-10	1.37E-10	2.46E-06	3.87E-10	1.35E-10	2.39E-06	3.76E-10	1.31E-10
798	490136.72, 3860535.12	2.77E-06	4.36E-10	1.52E-10	2.73E-06	4.30E-10	1.50E-10	2.65E-06	4.18E-10	1.46E-10
799	490186.72, 3860535.12	2.73E-06	4.31E-10	1.50E-10	2.70E-06	4.25E-10	1.48E-10	2.62E-06	4.13E-10	1.44E-10
800	490236.72, 3860535.12	2.69E-06	4.24E-10	1.48E-10	2.66E-06	4.18E-10	1.46E-10	2.58E-06	4.06E-10	1.42E-10
801	490286.72, 3860535.12	2.66E-06	4.18E-10	1.46E-10	2.62E-06	4.13E-10	1.44E-10	2.55E-06	4.01E-10	1.40E-10
802	490336.72, 3860535.12	2.63E-06	4.14E-10	1.44E-10	2.59E-06	4.08E-10	1.42E-10	2.52E-06	3.97E-10	1.38E-10
803	490386.72, 3860535.12	2.60E-06	4.10E-10	1.43E-10	2.57E-06	4.04E-10	1.41E-10	2.49E-06	3.93E-10	1.37E-10
804	490436.72, 3860535.12	2.58E-06	4.06E-10	1.41E-10	2.54E-06	4.00E-10	1.39E-10	2.47E-06	3.89E-10	1.35E-10
805	490486.72, 3860535.12	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.96E-10	1.38E-10	2.44E-06	3.85E-10	1.34E-10
806	490536.72, 3860535.12	2.53E-06	3.99E-10	1.39E-10	2.50E-06	3.94E-10	1.37E-10	2.43E-06	3.82E-10	1.33E-10
807	490586.72, 3860535.12	2.50E-06	3.93E-10	1.37E-10	2.46E-06	3.88E-10	1.35E-10	2.39E-06	3.77E-10	1.31E-10
808	490636.72, 3860535.12	2.47E-06	3.89E-10	1.36E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
809	490686.72, 3860535.12	2.45E-06	3.86E-10	1.34E-10	2.42E-06	3.81E-10	1.33E-10	2.35E-06	3.70E-10	1.29E-10
810	490736.72, 3860535.12	2.43E-06	3.82E-10	1.33E-10	2.39E-06	3.77E-10	1.31E-10	2.32E-06	3.66E-10	1.28E-10
811	490786.72, 3860535.12	2.41E-06	3.79E-10	1.32E-10	2.38E-06	3.74E-10	1.30E-10	2.31E-06	3.63E-10	1.27E-10
812	490136.72, 3860585.12	2.69E-06	4.24E-10	1.48E-10	2.66E-06	4.18E-10	1.46E-10	2.58E-06	4.06E-10	1.42E-10
813	490186.72, 3860585.12	2.64E-06	4.15E-10	1.45E-10	2.60E-06	4.10E-10	1.43E-10	2.53E-06	3.98E-10	1.39E-10
814	490236.72, 3860585.12	2.61E-06	4.11E-10	1.43E-10	2.57E-06	4.05E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
815	490286.72, 3860585.12	2.58E-06	4.06E-10	1.41E-10	2.54E-06	4.01E-10	1.40E-10	2.47E-06	3.89E-10	1.36E-10
816	490336.72, 3860585.12	2.55E-06	4.01E-10	1.40E-10	2.51E-06	3.96E-10	1.38E-10	2.44E-06	3.85E-10	1.34E-10
817	490386.72, 3860585.12	2.52E-06	3.97E-10	1.38E-10	2.49E-06	3.92E-10	1.36E-10	2.41E-06	3.80E-10	1.33E-10
818	490436.72, 3860585.12	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.36E-10	2.40E-06	3.78E-10	1.32E-10
819	490486.72, 3860585.12	2.49E-06	3.92E-10	1.36E-10	2.45E-06	3.87E-10	1.35E-10	2.38E-06	3.75E-10	1.31E-10
820	490536.72, 3860585.12	2.46E-06	3.87E-10	1.35E-10	2.43E-06	3.82E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10
821	490586.72, 3860585.12	2.42E-06	3.81E-10	1.33E-10	2.39E-06	3.76E-10	1.31E-10	2.32E-06	3.65E-10	1.27E-10
822	490636.72, 3860585.12	2.40E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
823	490686.72, 3860585.12	2.37E-06	3.74E-10	1.30E-10	2.34E-06	3.69E-10	1.29E-10	2.27E-06	3.58E-10	1.25E-10
824	490736.72, 3860585.12	2.35E-06	3.70E-10	1.29E-10	2.32E-06	3.66E-10	1.27E-10	2.25E-06	3.55E-10	1.24E-10
825	490786.72, 3860585.12	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.52E-10	1.23E-10
826	490136.72, 3860635.12	2.62E-06	4.13E-10	1.44E-10	2.59E-06	4.08E-10	1.42E-10	2.52E-06	3.96E-10	1.38E-10
827	490186.72, 3860635.12	2.58E-06	4.06E-10	1.42E-10	2.54E-06	4.01E-10	1.40E-10	2.47E-06	3.89E-10	1.36E-10
828	490236.72, 3860635.12	2.53E-06	3.99E-10	1.39E-10	2.50E-06	3.94E-10	1.37E-10	2.43E-06	3.83E-10	1.33E-10
829	490286.72, 3860635.12	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.35E-10	2.40E-06	3.78E-10	1.32E-10
830	490336.72, 3860635.12	2.47E-06	3.90E-10	1.36E-10	2.44E-06	3.85E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
831	490386.72, 3860635.12	2.45E-06	3.86E-10	1.34E-10	2.42E-06	3.81E-10	1.33E-10	2.35E-06	3.69E-10	1.29E-10
832	490436.72, 3860635.12	2.42E-06	3.81E-10	1.33E-10	2.39E-06	3.76E-10	1.31E-10	2.32E-06	3.66E-10	1.27E-10
833	490486.72, 3860635.12	2.40E-06	3.78E-10	1.32E-10	2.37E-06	3.73E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
834	490536.72, 3860635.12	2.38E-06	3.75E-10	1.31E-10	2.35E-06	3.70E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
835	490586.72, 3860635.12	2.35E-06	3.70E-10	1.29E-10	2.32E-06	3.66E-10	1.27E-10	2.25E-06	3.55E-10	1.24E-10
836	490636.72, 3860635.12	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.52E-10	1.22E-10

837	490686.72, 3860635.12	2.31E-06	3.63E-10	1.27E-10	2.28E-06	3.58E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
838	490736.72, 3860635.12	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.44E-10	1.20E-10
839	490786.72, 3860635.12	2.26E-06	3.56E-10	1.24E-10	2.23E-06	3.51E-10	1.22E-10	2.17E-06	3.41E-10	1.19E-10
840	490136.72, 3860685.12	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.97E-10	1.38E-10	2.45E-06	3.85E-10	1.34E-10
841	490186.72, 3860685.12	2.52E-06	3.97E-10	1.38E-10	2.49E-06	3.92E-10	1.37E-10	2.42E-06	3.81E-10	1.33E-10
842	490236.72, 3860685.12	2.48E-06	3.90E-10	1.36E-10	2.44E-06	3.85E-10	1.34E-10	2.37E-06	3.74E-10	1.30E-10
843	490286.72, 3860685.12	2.43E-06	3.83E-10	1.33E-10	2.40E-06	3.78E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
844	490336.72, 3860685.12	2.41E-06	3.79E-10	1.32E-10	2.37E-06	3.74E-10	1.30E-10	2.31E-06	3.63E-10	1.27E-10
845	490386.72, 3860685.12	2.38E-06	3.75E-10	1.31E-10	2.35E-06	3.70E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
846	490436.72, 3860685.12	2.35E-06	3.71E-10	1.29E-10	2.32E-06	3.66E-10	1.27E-10	2.25E-06	3.55E-10	1.24E-10
847	490486.72, 3860685.12	2.33E-06	3.66E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
848	490536.72, 3860685.12	2.31E-06	3.63E-10	1.27E-10	2.27E-06	3.58E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
849	490586.72, 3860685.12	2.28E-06	3.60E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
850	490636.72, 3860685.12	2.26E-06	3.57E-10	1.24E-10	2.23E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
851	490686.72, 3860685.12	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
852	490736.72, 3860685.12	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
853	490786.72, 3860685.12	2.20E-06	3.47E-10	1.21E-10	2.17E-06	3.43E-10	1.19E-10	2.11E-06	3.33E-10	1.16E-10
854	490136.72, 3860735.12	2.47E-06	3.90E-10	1.36E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
855	490186.72, 3860735.12	2.43E-06	3.83E-10	1.33E-10	2.40E-06	3.78E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
856	490236.72, 3860735.12	2.40E-06	3.77E-10	1.32E-10	2.37E-06	3.73E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
857	490286.72, 3860735.12	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.57E-10	1.24E-10
858	490336.72, 3860735.12	2.34E-06	3.68E-10	1.28E-10	2.31E-06	3.63E-10	1.27E-10	2.24E-06	3.53E-10	1.23E-10
859	490386.72, 3860735.12	2.31E-06	3.65E-10	1.27E-10	2.28E-06	3.60E-10	1.25E-10	2.22E-06	3.49E-10	1.22E-10
860	490436.72, 3860735.12	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.57E-10	1.25E-10	2.20E-06	3.47E-10	1.21E-10
861	490486.72, 3860735.12	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.19E-10
862	490536.72, 3860735.12	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
863	490586.72, 3860735.12	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
864	490636.72, 3860735.12	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
865	490686.72, 3860735.12	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
866	490736.72, 3860735.12	2.16E-06	3.41E-10	1.19E-10	2.14E-06	3.36E-10	1.17E-10	2.07E-06	3.27E-10	1.14E-10
867	490136.72, 3860785.12	2.40E-06	3.79E-10	1.32E-10	2.37E-06	3.74E-10	1.30E-10	2.30E-06	3.63E-10	1.26E-10
868	490186.72, 3860785.12	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.57E-10	1.24E-10
869	490236.72, 3860785.12	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.63E-10	1.26E-10	2.24E-06	3.52E-10	1.23E-10
870	490286.72, 3860785.12	2.30E-06	3.63E-10	1.26E-10	2.27E-06	3.58E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
871	490336.72, 3860785.12	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.54E-10	1.23E-10	2.18E-06	3.43E-10	1.20E-10
872	490386.72, 3860785.12	2.25E-06	3.55E-10	1.24E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.19E-10
873	490436.72, 3860785.12	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.17E-10
874	490486.72, 3860785.12	2.21E-06	3.48E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
875	490536.72, 3860785.12	2.19E-06	3.44E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.10E-06	3.30E-10	1.15E-10
876	490586.72, 3860785.12	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.26E-10	1.13E-10
877	490636.72, 3860785.12	2.13E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.22E-10	1.12E-10
878	490686.72, 3860785.12	2.12E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
879	490736.72, 3860785.12	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.27E-10	1.14E-10	2.01E-06	3.17E-10	1.11E-10
880	490086.72, 3860835.12	2.39E-06	3.76E-10	1.31E-10	2.36E-06	3.71E-10	1.29E-10	2.29E-06	3.60E-10	1.26E-10
881	490136.72, 3860835.12	2.35E-06	3.70E-10	1.29E-10	2.32E-06	3.65E-10	1.27E-10	2.25E-06	3.55E-10	1.24E-10
882	490186.72, 3860835.12	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.49E-10	1.21E-10
883	490236.72, 3860835.12	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.20E-10
884	490286.72, 3860835.12	2.24E-06	3.54E-10	1.23E-10	2.22E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
885	490336.72, 3860835.12	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.12E-06	3.35E-10	1.17E-10
886	490386.72, 3860835.12	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
887	490436.72, 3860835.12	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
888	490486.72, 3860835.12	2.15E-06	3.39E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.25E-10	1.13E-10
889	490536.72, 3860835.12	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
890	490586.72, 3860835.12	2.10E-06	3.31E-10	1.15E-10	2.08E-06	3.27E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
891	490636.72, 3860835.12	2.08E-06	3.28E-10	1.14E-10	2.05E-06	3.23E-10	1.13E-10	1.99E-06	3.14E-10	1.09E-10
892	490686.72, 3860835.12	2.06E-06	3.25E-10	1.13E-10	2.03E-06	3.20E-10	1.12E-10	1.98E-06	3.11E-10	1.08E-10
893	490736.72, 3860835.12	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
894	490086.72, 3860885.12	2.34E-06	3.68E-10	1.28E-10	2.31E-06	3.63E-10	1.27E-10	2.24E-06	3.53E-10	1.23E-10
895	490136.72, 3860885.12	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.57E-10	1.24E-10	2.20E-06	3.46E-10	1.21E-10
896	490186.72, 3860885.12	2.26E-06	3.55E-10	1.24E-10	2.23E-06	3.51E-10	1.22E-10	2.16E-06	3.41E-10	1.19E-10
897	490236.72, 3860885.12	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
898	490286.72, 3860885.12	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
899	490336.72, 3860885.12	2.16E-06	3.41E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
900	490386.72, 3860885.12	2.14E-06	3.37E-10	1.17E-10	2.11E-06	3.33E-10	1.16E-10	2.05E-06	3.23E-10	1.12E-10
901	490436.72, 3860885.12	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
902	490486.72, 3860885.12	2.10E-06	3.30E-10	1.15E-10	2.07E-06	3.26E-10	1.14E-10	2.01E-06	3.16E-10	1.10E-10
903	490536.72, 3860885.12	2.07E-06	3.27E-10	1.14E-10	2.05E-06	3.22E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
904	490586.72, 3860885.12	2.05E-06	3.23E-10	1.13E-10	2.02E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
905	490636.72, 3860885.12	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.07E-10
906	490686.72, 3860885.12	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.92E-06	3.03E-10	1.06E-10

907	490736.72, 3860885.12	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
908	490086.72, 3860935.12	2.29E-06	3.60E-10	1.25E-10	2.26E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
909	490136.72, 3860935.12	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
910	490186.72, 3860935.12	2.20E-06	3.47E-10	1.21E-10	2.18E-06	3.43E-10	1.19E-10	2.11E-06	3.33E-10	1.16E-10
911	490236.72, 3860935.12	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.38E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
912	490286.72, 3860935.12	2.14E-06	3.38E-10	1.18E-10	2.11E-06	3.33E-10	1.16E-10	2.05E-06	3.24E-10	1.13E-10
913	490336.72, 3860935.12	2.11E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.14E-10	2.03E-06	3.19E-10	1.11E-10
914	490386.72, 3860935.12	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.16E-10	1.10E-10
915	490436.72, 3860935.12	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
916	490486.72, 3860935.12	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
917	490536.72, 3860935.12	2.03E-06	3.19E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.07E-10
918	490586.72, 3860935.12	2.00E-06	3.15E-10	1.10E-10	1.98E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
919	490636.72, 3860935.12	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
920	490686.72, 3860935.12	1.96E-06	3.09E-10	1.08E-10	1.93E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
921	490736.72, 3860935.12	1.94E-06	3.06E-10	1.06E-10	1.91E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
922	490786.72, 3860935.12	1.92E-06	3.03E-10	1.05E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
923	490836.72, 3860935.12	1.91E-06	3.00E-10	1.05E-10	1.88E-06	2.96E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
924	490086.72, 3860985.12	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
925	490136.72, 3860985.12	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
926	490186.72, 3860985.12	2.16E-06	3.41E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
927	490236.72, 3860985.12	2.12E-06	3.35E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
928	490286.72, 3860985.12	2.09E-06	3.30E-10	1.15E-10	2.07E-06	3.26E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
929	490336.72, 3860985.12	2.07E-06	3.26E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
930	490386.72, 3860985.12	2.04E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.08E-10	1.07E-10
931	490436.72, 3860985.12	2.02E-06	3.19E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.06E-10
932	490486.72, 3860985.12	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
933	490536.72, 3860985.12	1.98E-06	3.11E-10	1.09E-10	1.95E-06	3.07E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
934	490586.72, 3860985.12	1.95E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
935	490636.72, 3860985.12	1.93E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
936	490686.72, 3860985.12	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
937	490736.72, 3860985.12	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.03E-10	1.81E-06	2.86E-10	9.96E-11
938	490786.72, 3860985.12	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.02E-10	1.80E-06	2.83E-10	9.86E-11
939	490836.72, 3860985.12	1.86E-06	2.93E-10	1.02E-10	1.84E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.78E-11
940	490086.72, 3861035.12	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
941	490136.72, 3861035.12	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.25E-10	1.13E-10
942	490186.72, 3861035.12	2.12E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
943	490236.72, 3861035.12	2.08E-06	3.28E-10	1.14E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
944	490286.72, 3861035.12	2.05E-06	3.23E-10	1.13E-10	2.02E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
945	490336.72, 3861035.12	2.02E-06	3.19E-10	1.11E-10	2.00E-06	3.14E-10	1.10E-10	1.94E-06	3.05E-10	1.06E-10
946	490386.72, 3861035.12	2.00E-06	3.15E-10	1.10E-10	1.98E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
947	490436.72, 3861035.12	1.98E-06	3.12E-10	1.09E-10	1.96E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
948	490486.72, 3861035.12	1.96E-06	3.09E-10	1.07E-10	1.93E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
949	490536.72, 3861035.12	1.94E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
950	490586.72, 3861035.12	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
951	490636.72, 3861035.12	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.94E-11
952	490686.72, 3861035.12	1.87E-06	2.94E-10	1.03E-10	1.84E-06	2.91E-10	1.01E-10	1.79E-06	2.82E-10	9.83E-11
953	490736.72, 3861035.12	1.85E-06	2.91E-10	1.01E-10	1.83E-06	2.88E-10	1.00E-10	1.77E-06	2.79E-10	9.73E-11
954	490786.72, 3861035.12	1.83E-06	2.89E-10	1.01E-10	1.81E-06	2.85E-10	9.92E-11	1.76E-06	2.77E-10	9.64E-11
955	490836.72, 3861035.12	1.82E-06	2.86E-10	9.97E-11	1.79E-06	2.82E-10	9.84E-11	1.74E-06	2.74E-10	9.55E-11
956	490086.72, 3861085.12	2.16E-06	3.40E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
957	490136.72, 3861085.12	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
958	490186.72, 3861085.12	2.08E-06	3.28E-10	1.14E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
959	490236.72, 3861085.12	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
960	490286.72, 3861085.12	2.01E-06	3.17E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
961	490336.72, 3861085.12	1.98E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.07E-10	1.90E-06	3.00E-10	1.04E-10
962	490386.72, 3861085.12	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
963	490436.72, 3861085.12	1.94E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
964	490486.72, 3861085.12	1.92E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.84E-06	2.89E-10	1.01E-10
965	490536.72, 3861085.12	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.86E-10	9.98E-11
966	490586.72, 3861085.12	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.80E-06	2.83E-10	9.85E-11
967	490636.72, 3861085.12	1.85E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	1.00E-10	1.77E-06	2.79E-10	9.73E-11
968	490686.72, 3861085.12	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.90E-11	1.75E-06	2.76E-10	9.61E-11
969	490736.72, 3861085.12	1.81E-06	2.85E-10	9.93E-11	1.79E-06	2.81E-10	9.80E-11	1.73E-06	2.73E-10	9.51E-11
970	490786.72, 3861085.12	1.79E-06	2.82E-10	9.83E-11	1.77E-06	2.78E-10	9.70E-11	1.72E-06	2.70E-10	9.42E-11
971	490836.72, 3861085.12	1.77E-06	2.79E-10	9.74E-11	1.75E-06	2.76E-10	9.61E-11	1.70E-06	2.68E-10	9.33E-11
972	490086.72, 3861135.12	2.12E-06	3.34E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.03E-06	3.21E-10	1.12E-10
973	490136.72, 3861135.12	2.08E-06	3.28E-10	1.14E-10	2.05E-06	3.23E-10	1.13E-10	1.99E-06	3.14E-10	1.09E-10
974	490186.72, 3861135.12	2.04E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
975	490236.72, 3861135.12	2.01E-06	3.17E-10	1.10E-10	1.98E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
976	490286.72, 3861135.12	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10

977	490336.72, 3861135.12	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.06E-10	1.87E-06	2.94E-10	1.03E-10
978	490386.72, 3861135.12	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.91E-10	1.01E-10
979	490436.72, 3861135.12	1.90E-06	2.99E-10	1.04E-10	1.88E-06	2.96E-10	1.03E-10	1.82E-06	2.87E-10	1.00E-10
980	490486.72, 3861135.12	1.88E-06	2.96E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.88E-11
981	490536.72, 3861135.12	1.86E-06	2.93E-10	1.02E-10	1.83E-06	2.89E-10	1.01E-10	1.78E-06	2.80E-10	9.77E-11
982	490586.72, 3861135.12	1.83E-06	2.89E-10	1.01E-10	1.81E-06	2.85E-10	9.94E-11	1.76E-06	2.77E-10	9.65E-11
983	490636.72, 3861135.12	1.81E-06	2.85E-10	9.94E-11	1.79E-06	2.82E-10	9.81E-11	1.74E-06	2.73E-10	9.53E-11
984	490686.72, 3861135.12	1.79E-06	2.82E-10	9.83E-11	1.77E-06	2.78E-10	9.70E-11	1.72E-06	2.70E-10	9.42E-11
985	490736.72, 3861135.12	1.77E-06	2.79E-10	9.73E-11	1.75E-06	2.76E-10	9.60E-11	1.70E-06	2.68E-10	9.32E-11
986	490786.72, 3861135.12	1.75E-06	2.76E-10	9.63E-11	1.73E-06	2.73E-10	9.50E-11	1.68E-06	2.65E-10	9.23E-11
987	490836.72, 3861135.12	1.74E-06	2.73E-10	9.53E-11	1.71E-06	2.70E-10	9.40E-11	1.66E-06	2.62E-10	9.13E-11
988	490086.72, 3861185.12	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
989	490136.72, 3861185.12	2.04E-06	3.22E-10	1.12E-10	2.01E-06	3.17E-10	1.11E-10	1.96E-06	3.08E-10	1.07E-10
990	490186.72, 3861185.12	2.00E-06	3.16E-10	1.10E-10	1.98E-06	3.11E-10	1.09E-10	1.92E-06	3.02E-10	1.05E-10
991	490236.72, 3861185.12	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
992	490286.72, 3861185.12	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
993	490336.72, 3861185.12	1.91E-06	3.01E-10	1.05E-10	1.88E-06	2.97E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
994	490386.72, 3861185.12	1.89E-06	2.97E-10	1.03E-10	1.86E-06	2.93E-10	1.02E-10	1.81E-06	2.85E-10	9.92E-11
995	490436.72, 3861185.12	1.86E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.81E-10	9.80E-11
996	490486.72, 3861185.12	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.68E-11
997	490536.72, 3861185.12	1.82E-06	2.87E-10	1.00E-10	1.80E-06	2.84E-10	9.88E-11	1.75E-06	2.75E-10	9.59E-11
998	490586.72, 3861185.12	1.80E-06	2.84E-10	9.88E-11	1.78E-06	2.80E-10	9.75E-11	1.73E-06	2.72E-10	9.47E-11
999	490636.72, 3861185.12	1.77E-06	2.80E-10	9.74E-11	1.75E-06	2.76E-10	9.61E-11	1.70E-06	2.68E-10	9.34E-11
1000	490686.72, 3861185.12	1.75E-06	2.76E-10	9.63E-11	1.73E-06	2.73E-10	9.50E-11	1.68E-06	2.65E-10	9.23E-11
1001	490736.72, 3861185.12	1.74E-06	2.74E-10	9.53E-11	1.71E-06	2.70E-10	9.41E-11	1.66E-06	2.62E-10	9.14E-11
1002	490786.72, 3861185.12	1.72E-06	2.71E-10	9.44E-11	1.70E-06	2.67E-10	9.32E-11	1.65E-06	2.60E-10	9.05E-11
1003	490836.72, 3861185.12	1.70E-06	2.68E-10	9.34E-11	1.68E-06	2.65E-10	9.22E-11	1.63E-06	2.57E-10	8.95E-11
1004	490086.72, 3861235.12	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
1005	490136.72, 3861235.12	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.92E-06	3.03E-10	1.06E-10
1006	490186.72, 3861235.12	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.89E-06	2.97E-10	1.04E-10
1007	490236.72, 3861235.12	1.93E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
1008	490386.72, 3861235.12	1.85E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	1.00E-10	1.77E-06	2.79E-10	9.72E-11
1009	490436.72, 3861235.12	1.82E-06	2.87E-10	1.00E-10	1.80E-06	2.83E-10	9.87E-11	1.75E-06	2.75E-10	9.59E-11
1010	490486.72, 3861235.12	1.80E-06	2.84E-10	9.88E-11	1.78E-06	2.80E-10	9.75E-11	1.73E-06	2.72E-10	9.47E-11
1011	490536.72, 3861235.12	1.79E-06	2.82E-10	9.81E-11	1.76E-06	2.78E-10	9.68E-11	1.71E-06	2.70E-10	9.40E-11
1012	490586.72, 3861235.12	1.77E-06	2.79E-10	9.71E-11	1.75E-06	2.75E-10	9.59E-11	1.70E-06	2.67E-10	9.31E-11
1013	490636.72, 3861235.12	1.74E-06	2.74E-10	9.55E-11	1.72E-06	2.71E-10	9.43E-11	1.67E-06	2.63E-10	9.15E-11
1014	490686.72, 3861235.12	1.72E-06	2.71E-10	9.44E-11	1.70E-06	2.67E-10	9.32E-11	1.65E-06	2.60E-10	9.05E-11
1015	490736.72, 3861235.12	1.70E-06	2.68E-10	9.35E-11	1.68E-06	2.65E-10	9.23E-11	1.63E-06	2.57E-10	8.96E-11
1016	490786.72, 3861235.12	1.69E-06	2.66E-10	9.26E-11	1.67E-06	2.62E-10	9.14E-11	1.62E-06	2.55E-10	8.88E-11
1017	490836.72, 3861235.12	1.67E-06	2.63E-10	9.16E-11	1.65E-06	2.60E-10	9.04E-11	1.60E-06	2.52E-10	8.78E-11
1018	490086.72, 3861285.12	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.07E-10
1019	490136.72, 3861285.12	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.90E-06	3.00E-10	1.04E-10
1020	490186.72, 3861285.12	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
1021	490236.72, 3861285.12	1.90E-06	3.00E-10	1.04E-10	1.88E-06	2.96E-10	1.03E-10	1.82E-06	2.87E-10	1.00E-10
1022	490386.72, 3861285.12	1.82E-06	2.86E-10	9.96E-11	1.79E-06	2.82E-10	9.83E-11	1.74E-06	2.74E-10	9.55E-11
1023	490436.72, 3861285.12	1.79E-06	2.82E-10	9.84E-11	1.77E-06	2.79E-10	9.71E-11	1.72E-06	2.71E-10	9.43E-11
1024	490486.72, 3861285.12	1.77E-06	2.79E-10	9.71E-11	1.75E-06	2.75E-10	9.58E-11	1.70E-06	2.67E-10	9.31E-11
1025	490536.72, 3861285.12	1.75E-06	2.75E-10	9.60E-11	1.73E-06	2.72E-10	9.47E-11	1.68E-06	2.64E-10	9.20E-11
1026	490586.72, 3861285.12	1.73E-06	2.73E-10	9.49E-11	1.71E-06	2.69E-10	9.37E-11	1.66E-06	2.61E-10	9.10E-11
1027	490636.72, 3861285.12	1.71E-06	2.69E-10	9.36E-11	1.68E-06	2.65E-10	9.24E-11	1.63E-06	2.57E-10	8.97E-11
1028	490686.72, 3861285.12	1.69E-06	2.66E-10	9.25E-11	1.66E-06	2.62E-10	9.13E-11	1.62E-06	2.55E-10	8.87E-11
1029	490736.72, 3861285.12	1.67E-06	2.63E-10	9.18E-11	1.65E-06	2.60E-10	9.06E-11	1.60E-06	2.53E-10	8.80E-11
1030	490786.72, 3861285.12	1.65E-06	2.61E-10	9.08E-11	1.63E-06	2.57E-10	8.96E-11	1.59E-06	2.50E-10	8.70E-11
1031	490836.72, 3861285.12	1.63E-06	2.58E-10	8.97E-11	1.61E-06	2.54E-10	8.85E-11	1.57E-06	2.47E-10	8.60E-11
1032	490061.24, 3859716.13	6.76E-06	1.07E-09	3.71E-10	6.67E-06	1.05E-09	3.66E-10	6.48E-06	1.02E-09	3.56E-10
1033	490111.24, 3859716.13	6.64E-06	1.05E-09	3.64E-10	6.55E-06	1.03E-09	3.60E-10	6.37E-06	1.00E-09	3.49E-10
1034	490161.24, 3859716.13	6.52E-06	1.03E-09	3.58E-10	6.43E-06	1.01E-09	3.53E-10	6.25E-06	9.84E-10	3.43E-10
1035	490211.24, 3859716.13	6.39E-06	1.01E-09	3.51E-10	6.31E-06	9.94E-10	3.46E-10	6.13E-06	9.65E-10	3.36E-10
1036	490061.24, 3859766.13	6.20E-06	9.76E-10	3.40E-10	6.12E-06	9.63E-10	3.36E-10	5.94E-06	9.35E-10	3.26E-10
1037	490111.24, 3859766.13	6.10E-06	9.61E-10	3.35E-10	6.02E-06	9.48E-10	3.30E-10	5.85E-06	9.21E-10	3.21E-10
1038	490161.24, 3859766.13	6.00E-06	9.45E-10	3.29E-10	5.92E-06	9.33E-10	3.25E-10	5.75E-06	9.06E-10	3.16E-10
1039	490211.24, 3859766.13	5.90E-06	9.30E-10	3.24E-10	5.83E-06	9.18E-10	3.20E-10	5.66E-06	8.91E-10	3.10E-10
1040	490061.24, 3859816.13	5.70E-06	8.98E-10	3.13E-10	5.62E-06	8.86E-10	3.09E-10	5.46E-06	8.60E-10	3.00E-10
1041	490111.24, 3859816.13	5.62E-06	8.86E-10	3.08E-10	5.55E-06	8.74E-10	3.04E-10	5.39E-06	8.49E-10	2.96E-10
1042	490161.24, 3859816.13	5.54E-06	8.74E-10	3.04E-10	5.47E-06	8.62E-10	3.00E-10	5.31E-06	8.37E-10	2.92E-10
1043	490211.24, 3859816.13	5.47E-06	8.61E-10	3.00E-10	5.39E-06	8.50E-10	2.96E-10	5.24E-06	8.25E-10	2.87E-10
1044	490061.24, 3859866.13	5.27E-06	8.30E-10	2.89E-10	5.20E-06	8.19E-10	2.85E-10	5.05E-06	7.96E-10	2.77E-10
1045	490111.24, 3859866.13	5.21E-06	8.21E-10	2.86E-10	5.14E-06	8.10E-10	2.82E-10	4.99E-06	7.86E-10	2.74E-10
1046	490161.24, 3859866.13	5.15E-06	8.11E-10	2.83E-10	5.08E-06	8.01E-10	2.79E-10	4.94E-06	7.77E-10	2.71E-10

1047	490211.24, 3859866.13	5.09E-06	8.01E-10	2.79E-10	5.02E-06	7.91E-10	2.76E-10	4.88E-06	7.68E-10	2.68E-10
1048	490061.24, 3859916.13	4.90E-06	7.72E-10	2.69E-10	4.83E-06	7.62E-10	2.65E-10	4.69E-06	7.40E-10	2.58E-10
1049	490111.24, 3859916.13	4.85E-06	7.64E-10	2.66E-10	4.79E-06	7.54E-10	2.63E-10	4.65E-06	7.32E-10	2.55E-10
1050	490161.24, 3859916.13	4.80E-06	7.56E-10	2.63E-10	4.74E-06	7.46E-10	2.60E-10	4.60E-06	7.25E-10	2.52E-10
1051	490211.24, 3859916.13	4.75E-06	7.48E-10	2.60E-10	4.68E-06	7.38E-10	2.57E-10	4.55E-06	7.16E-10	2.50E-10
1052	490229.25, 3859815.26	5.45E-06	8.58E-10	2.99E-10	5.38E-06	8.47E-10	2.95E-10	5.22E-06	8.23E-10	2.87E-10
1053	490279.25, 3859815.26	5.37E-06	8.45E-10	2.94E-10	5.30E-06	8.34E-10	2.91E-10	5.14E-06	8.10E-10	2.82E-10
1054	490329.25, 3859815.26	5.28E-06	8.32E-10	2.90E-10	5.21E-06	8.21E-10	2.86E-10	5.06E-06	7.97E-10	2.78E-10
1055	490379.25, 3859815.26	5.22E-06	8.22E-10	2.86E-10	5.15E-06	8.11E-10	2.83E-10	5.00E-06	7.88E-10	2.74E-10
1056	490429.25, 3859815.26	5.17E-06	8.15E-10	2.84E-10	5.11E-06	8.04E-10	2.80E-10	4.96E-06	7.81E-10	2.72E-10
1057	490229.25, 3859865.26	5.07E-06	7.99E-10	2.78E-10	5.00E-06	7.88E-10	2.75E-10	4.86E-06	7.66E-10	2.67E-10
1058	490279.25, 3859865.26	5.00E-06	7.88E-10	2.75E-10	4.94E-06	7.78E-10	2.71E-10	4.79E-06	7.55E-10	2.63E-10
1059	490329.25, 3859865.26	4.93E-06	7.77E-10	2.71E-10	4.87E-06	7.67E-10	2.67E-10	4.73E-06	7.44E-10	2.59E-10
1060	490379.25, 3859865.26	4.87E-06	7.67E-10	2.67E-10	4.80E-06	7.57E-10	2.64E-10	4.67E-06	7.35E-10	2.56E-10
1061	490429.25, 3859865.26	4.81E-06	7.58E-10	2.64E-10	4.75E-06	7.48E-10	2.61E-10	4.61E-06	7.26E-10	2.53E-10
1062	490229.25, 3859915.26	4.73E-06	7.46E-10	2.60E-10	4.67E-06	7.36E-10	2.56E-10	4.54E-06	7.15E-10	2.49E-10
1063	490279.25, 3859915.26	4.67E-06	7.36E-10	2.56E-10	4.61E-06	7.27E-10	2.53E-10	4.48E-06	7.06E-10	2.46E-10
1064	490329.25, 3859915.26	4.62E-06	7.27E-10	2.53E-10	4.56E-06	7.18E-10	2.50E-10	4.42E-06	6.97E-10	2.43E-10
1065	490379.25, 3859915.26	4.56E-06	7.18E-10	2.50E-10	4.50E-06	7.09E-10	2.47E-10	4.37E-06	6.88E-10	2.40E-10
1066	490429.25, 3859915.26	4.50E-06	7.09E-10	2.47E-10	4.44E-06	7.00E-10	2.44E-10	4.32E-06	6.80E-10	2.37E-10
1067	490451.43, 3859872.59	4.74E-06	7.46E-10	2.60E-10	4.68E-06	7.37E-10	2.57E-10	4.54E-06	7.15E-10	2.49E-10
1068	490501.43, 3859872.59	4.70E-06	7.41E-10	2.58E-10	4.64E-06	7.31E-10	2.55E-10	4.51E-06	7.10E-10	2.47E-10
1069	490551.43, 3859872.59	4.69E-06	7.38E-10	2.57E-10	4.62E-06	7.29E-10	2.54E-10	4.49E-06	7.07E-10	2.46E-10
1070	490601.43, 3859872.59	4.68E-06	7.37E-10	2.57E-10	4.61E-06	7.27E-10	2.53E-10	4.48E-06	7.06E-10	2.46E-10
1071	490451.43, 3859922.59	4.44E-06	6.99E-10	2.44E-10	4.38E-06	6.90E-10	2.40E-10	4.25E-06	6.70E-10	2.33E-10
1072	490501.43, 3859922.59	4.40E-06	6.93E-10	2.41E-10	4.34E-06	6.84E-10	2.38E-10	4.21E-06	6.64E-10	2.31E-10
1073	490551.43, 3859922.59	4.37E-06	6.89E-10	2.40E-10	4.32E-06	6.80E-10	2.37E-10	4.19E-06	6.60E-10	2.30E-10
1074	490601.43, 3859922.59	4.36E-06	6.87E-10	2.39E-10	4.30E-06	6.78E-10	2.36E-10	4.18E-06	6.58E-10	2.29E-10
1075	482129.67, 3852241.07	1.68E-07	2.65E-11	9.24E-12	1.66E-07	2.62E-11	9.12E-12	1.61E-07	2.54E-11	8.86E-12
1076	482029.67, 3852291.07	1.65E-07	2.61E-11	9.08E-12	1.63E-07	2.57E-11	8.96E-12	1.59E-07	2.50E-11	8.70E-12
1077	482079.67, 3852291.07	1.67E-07	2.63E-11	9.17E-12	1.65E-07	2.60E-11	9.05E-12	1.60E-07	2.52E-11	8.79E-12
1078	482129.67, 3852291.07	1.69E-07	2.66E-11	9.26E-12	1.66E-07	2.62E-11	9.14E-12	1.62E-07	2.55E-11	8.87E-12
1079	482179.67, 3852291.07	1.70E-07	2.68E-11	9.33E-12	1.68E-07	2.64E-11	9.21E-12	1.63E-07	2.57E-11	8.94E-12
1080	482229.67, 3852291.07	1.71E-07	2.69E-11	9.38E-12	1.69E-07	2.66E-11	9.26E-12	1.64E-07	2.58E-11	8.99E-12
1081	482029.67, 3852341.07	1.66E-07	2.61E-11	9.11E-12	1.64E-07	2.58E-11	8.99E-12	1.59E-07	2.51E-11	8.73E-12
1082	482079.67, 3852341.07	1.67E-07	2.64E-11	9.19E-12	1.65E-07	2.60E-11	9.07E-12	1.61E-07	2.53E-11	8.81E-12
1083	482129.67, 3852341.07	1.69E-07	2.67E-11	9.28E-12	1.67E-07	2.63E-11	9.16E-12	1.62E-07	2.55E-11	8.90E-12
1084	482179.67, 3852341.07	1.71E-07	2.69E-11	9.36E-12	1.68E-07	2.65E-11	9.24E-12	1.64E-07	2.58E-11	8.97E-12
1085	482259.06, 3852400.14	1.75E-07	2.76E-11	9.61E-12	1.73E-07	2.72E-11	9.48E-12	1.68E-07	2.64E-11	9.21E-12
1086	482309.06, 3852400.14	1.75E-07	2.76E-11	9.63E-12	1.73E-07	2.73E-11	9.50E-12	1.68E-07	2.65E-11	9.23E-12
1087	482209.06, 3852450.14	1.74E-07	2.74E-11	9.53E-12	1.71E-07	2.70E-11	9.41E-12	1.67E-07	2.62E-11	9.14E-12
1088	482259.06, 3852450.14	1.75E-07	2.76E-11	9.61E-12	1.73E-07	2.72E-11	9.49E-12	1.68E-07	2.64E-11	9.21E-12
1089	482309.06, 3852450.14	1.76E-07	2.77E-11	9.66E-12	1.74E-07	2.74E-11	9.54E-12	1.69E-07	2.66E-11	9.26E-12
1090	482209.06, 3852500.14	1.74E-07	2.74E-11	9.54E-12	1.72E-07	2.70E-11	9.42E-12	1.67E-07	2.62E-11	9.14E-12
1091	482259.06, 3852500.14	1.75E-07	2.76E-11	9.63E-12	1.73E-07	2.73E-11	9.50E-12	1.68E-07	2.65E-11	9.23E-12
1092	482309.06, 3852500.14	1.77E-07	2.78E-11	9.70E-12	1.74E-07	2.75E-11	9.57E-12	1.69E-07	2.67E-11	9.30E-12
1093	482283.91, 3852513.62	1.76E-07	2.78E-11	9.67E-12	1.74E-07	2.74E-11	9.54E-12	1.69E-07	2.66E-11	9.27E-12
1094	482333.91, 3852513.62	1.78E-07	2.80E-11	9.75E-12	1.75E-07	2.76E-11	9.62E-12	1.70E-07	2.68E-11	9.34E-12
1095	482283.91, 3852563.62	1.77E-07	2.79E-11	9.71E-12	1.75E-07	2.75E-11	9.58E-12	1.69E-07	2.67E-11	9.30E-12
1096	482333.91, 3852563.62	1.79E-07	2.81E-11	9.81E-12	1.76E-07	2.78E-11	9.68E-12	1.71E-07	2.70E-11	9.40E-12
1097	482383.91, 3852563.62	1.80E-07	2.84E-11	9.90E-12	1.78E-07	2.80E-11	9.77E-12	1.73E-07	2.72E-11	9.49E-12
1098	482283.91, 3852613.62	1.77E-07	2.79E-11	9.71E-12	1.75E-07	2.75E-11	9.58E-12	1.69E-07	2.67E-11	9.30E-12
1099	482333.91, 3852613.62	1.79E-07	2.82E-11	9.82E-12	1.77E-07	2.78E-11	9.69E-12	1.71E-07	2.70E-11	9.41E-12
1100	482383.91, 3852613.62	1.81E-07	2.85E-11	9.93E-12	1.79E-07	2.81E-11	9.81E-12	1.73E-07	2.73E-11	9.52E-12
1101	482602.38, 3852600.87	1.87E-07	2.94E-11	1.03E-11	1.84E-07	2.91E-11	1.01E-11	1.79E-07	2.82E-11	9.83E-12
1102	482652.38, 3852600.87	1.89E-07	2.97E-11	1.03E-11	1.86E-07	2.93E-11	1.02E-11	1.81E-07	2.85E-11	9.92E-12
1103	482702.38, 3852600.87	1.89E-07	2.97E-11	1.03E-11	1.86E-07	2.93E-11	1.02E-11	1.81E-07	2.85E-11	9.92E-12
1104	482552.38, 3852650.87	1.86E-07	2.93E-11	1.02E-11	1.84E-07	2.90E-11	1.01E-11	1.78E-07	2.81E-11	9.80E-12
1105	482602.38, 3852650.87	1.88E-07	2.96E-11	1.03E-11	1.85E-07	2.92E-11	1.02E-11	1.80E-07	2.84E-11	9.88E-12
1106	482652.38, 3852650.87	1.90E-07	2.99E-11	1.04E-11	1.87E-07	2.95E-11	1.03E-11	1.82E-07	2.86E-11	9.98E-12
1107	482702.38, 3852650.87	1.92E-07	3.02E-11	1.05E-11	1.89E-07	2.98E-11	1.04E-11	1.84E-07	2.89E-11	1.01E-11
1108	482552.38, 3852700.87	1.87E-07	2.94E-11	1.02E-11	1.84E-07	2.90E-11	1.01E-11	1.79E-07	2.82E-11	9.82E-12
1109	482602.38, 3852700.87	1.89E-07	2.97E-11	1.04E-11	1.86E-07	2.94E-11	1.02E-11	1.81E-07	2.85E-11	9.93E-12
1110	482652.38, 3852700.87	1.92E-07	3.02E-11	1.05E-11	1.89E-07	2.98E-11	1.04E-11	1.84E-07	2.89E-11	1.01E-11
1111	482702.38, 3852700.87	1.93E-07	3.04E-11	1.06E-11	1.91E-07	3.00E-11	1.05E-11	1.85E-07	2.92E-11	1.02E-11
1112	482452.38, 3852750.87	1.84E-07	2.89E-11	1.01E-11	1.81E-07	2.86E-11	9.95E-12	1.76E-07	2.77E-11	9.67E-12
1113	482521.29, 3852749.74	1.86E-07	2.93E-11	1.02E-11	1.84E-07	2.90E-11	1.01E-11	1.78E-07	2.81E-11	9.80E-12
1114	482571.29, 3852749.74	1.88E-07	2.96E-11	1.03E-11	1.86E-07	2.93E-11	1.02E-11	1.80E-07	2.84E-11	9.90E-12
1115	482521.29, 3852799.74	1.87E-07	2.94E-11	1.03E-11	1.84E-07	2.91E-11	1.01E-11	1.79E-07	2.82E-11	9.83E-12
1116	482571.29, 3852799.74	1.89E-07	2.97E-11	1.04E-11	1.86E-07	2.94E-11	1.02E-11	1.81E-07	2.85E-11	9.93E-12

1117	482621.29, 3852799.74	1.91E-07	3.01E-11	1.05E-11	1.88E-07	2.97E-11	1.03E-11	1.83E-07	2.88E-11	1.00E-11
1118	482571.29, 3852849.74	1.89E-07	2.98E-11	1.04E-11	1.87E-07	2.94E-11	1.02E-11	1.81E-07	2.85E-11	9.95E-12
1119	482621.29, 3852849.74	1.91E-07	3.01E-11	1.05E-11	1.88E-07	2.97E-11	1.03E-11	1.83E-07	2.88E-11	1.00E-11
1120	482577.42, 3852901.55	1.89E-07	2.98E-11	1.04E-11	1.87E-07	2.94E-11	1.02E-11	1.81E-07	2.86E-11	9.95E-12
1121	482627.42, 3852901.55	1.91E-07	3.01E-11	1.05E-11	1.88E-07	2.97E-11	1.03E-11	1.83E-07	2.88E-11	1.00E-11
1122	482629.96, 3852955.85	1.91E-07	3.01E-11	1.05E-11	1.89E-07	2.97E-11	1.04E-11	1.83E-07	2.89E-11	1.01E-11
1123	482679.96, 3852955.85	1.93E-07	3.04E-11	1.06E-11	1.91E-07	3.00E-11	1.05E-11	1.85E-07	2.92E-11	1.02E-11
1124	482781.63, 3853034.48	1.97E-07	3.10E-11	1.08E-11	1.94E-07	3.06E-11	1.07E-11	1.89E-07	2.97E-11	1.04E-11
1125	482831.63, 3853034.48	1.99E-07	3.13E-11	1.09E-11	1.96E-07	3.09E-11	1.08E-11	1.91E-07	3.00E-11	1.05E-11
1126	482881.63, 3853034.48	2.01E-07	3.17E-11	1.10E-11	1.98E-07	3.12E-11	1.09E-11	1.93E-07	3.03E-11	1.06E-11
1127	482781.63, 3853084.48	1.97E-07	3.11E-11	1.08E-11	1.95E-07	3.07E-11	1.07E-11	1.89E-07	2.98E-11	1.04E-11
1128	482831.63, 3853084.48	1.99E-07	3.14E-11	1.09E-11	1.97E-07	3.10E-11	1.08E-11	1.91E-07	3.01E-11	1.05E-11
1129	482881.63, 3853084.48	2.01E-07	3.17E-11	1.10E-11	1.99E-07	3.13E-11	1.09E-11	1.93E-07	3.04E-11	1.06E-11
1130	482781.63, 3853134.48	1.98E-07	3.12E-11	1.09E-11	1.95E-07	3.08E-11	1.07E-11	1.90E-07	2.99E-11	1.04E-11
1131	482831.63, 3853134.48	2.00E-07	3.15E-11	1.10E-11	1.97E-07	3.11E-11	1.08E-11	1.91E-07	3.02E-11	1.05E-11
1132	482881.63, 3853134.48	2.02E-07	3.18E-11	1.11E-11	1.99E-07	3.14E-11	1.09E-11	1.94E-07	3.05E-11	1.06E-11
1133	482831.63, 3853184.48	2.01E-07	3.16E-11	1.10E-11	1.98E-07	3.12E-11	1.09E-11	1.92E-07	3.03E-11	1.05E-11
1134	482881.63, 3853184.48	2.03E-07	3.19E-11	1.11E-11	2.00E-07	3.15E-11	1.10E-11	1.94E-07	3.06E-11	1.07E-11
1135	484154.84, 3854250.98	2.38E-07	3.75E-11	1.31E-11	2.35E-07	3.70E-11	1.29E-11	2.28E-07	3.60E-11	1.25E-11
1136	484204.84, 3854250.98	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.62E-11	1.26E-11
1137	484154.84, 3854300.98	2.33E-07	3.67E-11	1.28E-11	2.30E-07	3.63E-11	1.26E-11	2.24E-07	3.52E-11	1.23E-11
1138	484204.84, 3854300.98	2.36E-07	3.72E-11	1.30E-11	2.33E-07	3.67E-11	1.28E-11	2.26E-07	3.56E-11	1.24E-11
1139	484074.19, 3854519.8	2.30E-07	3.63E-11	1.26E-11	2.27E-07	3.58E-11	1.25E-11	2.21E-07	3.48E-11	1.21E-11
1140	484124.19, 3854519.8	2.29E-07	3.60E-11	1.25E-11	2.26E-07	3.55E-11	1.24E-11	2.19E-07	3.45E-11	1.20E-11
1141	484074.19, 3854569.8	2.32E-07	3.66E-11	1.27E-11	2.29E-07	3.61E-11	1.26E-11	2.23E-07	3.51E-11	1.22E-11
1142	484124.19, 3854569.8	2.29E-07	3.60E-11	1.25E-11	2.26E-07	3.55E-11	1.24E-11	2.19E-07	3.45E-11	1.20E-11
1143	485205.11, 3855188.89	3.55E-07	5.60E-11	1.95E-11	3.51E-07	5.52E-11	1.92E-11	3.40E-07	5.36E-11	1.87E-11
1144	485255.11, 3855188.89	3.55E-07	5.60E-11	1.95E-11	3.51E-07	5.52E-11	1.92E-11	3.40E-07	5.36E-11	1.87E-11
1145	485205.11, 3855238.89	3.54E-07	5.58E-11	1.95E-11	3.50E-07	5.51E-11	1.92E-11	3.40E-07	5.35E-11	1.86E-11
1146	485255.11, 3855238.89	3.59E-07	5.66E-11	1.97E-11	3.55E-07	5.59E-11	1.95E-11	3.44E-07	5.42E-11	1.89E-11
1147	485205.11, 3855288.89	3.68E-07	5.79E-11	2.02E-11	3.63E-07	5.72E-11	1.99E-11	3.52E-07	5.55E-11	1.93E-11
1148	485255.11, 3855288.89	3.70E-07	5.83E-11	2.03E-11	3.65E-07	5.76E-11	2.01E-11	3.55E-07	5.59E-11	1.95E-11
1149	485255.11, 3855338.89	3.81E-07	6.00E-11	2.09E-11	3.76E-07	5.92E-11	2.06E-11	3.65E-07	5.75E-11	2.00E-11
1150	485305.11, 3855338.89	3.83E-07	6.03E-11	2.10E-11	3.78E-07	5.95E-11	2.07E-11	3.67E-07	5.78E-11	2.01E-11
1151	485852.5, 3855635.28	4.86E-07	7.66E-11	2.67E-11	4.80E-07	7.56E-11	2.63E-11	4.66E-07	7.34E-11	2.56E-11
1152	485902.5, 3855635.28	4.84E-07	7.63E-11	2.66E-11	4.78E-07	7.53E-11	2.62E-11	4.64E-07	7.31E-11	2.55E-11
1153	485852.5, 3855685.28	4.94E-07	7.78E-11	2.71E-11	4.88E-07	7.68E-11	2.68E-11	4.73E-07	7.46E-11	2.60E-11
1154	485902.5, 3855685.28	4.94E-07	7.79E-11	2.71E-11	4.88E-07	7.69E-11	2.68E-11	4.74E-07	7.46E-11	2.60E-11
1155	485852.5, 3855735.28	5.00E-07	7.88E-11	2.74E-11	4.94E-07	7.78E-11	2.71E-11	4.79E-07	7.55E-11	2.63E-11
1156	485902.5, 3855735.28	5.05E-07	7.96E-11	2.77E-11	4.99E-07	7.85E-11	2.74E-11	4.84E-07	7.63E-11	2.66E-11
1157	485852.5, 3855785.28	5.08E-07	8.01E-11	2.79E-11	5.02E-07	7.90E-11	2.75E-11	4.87E-07	7.67E-11	2.67E-11
1158	485902.5, 3855785.28	5.10E-07	8.04E-11	2.80E-11	5.03E-07	7.93E-11	2.76E-11	4.89E-07	7.70E-11	2.68E-11
1159	486809.46, 3856465.28	7.75E-07	1.22E-10	4.25E-11	7.65E-07	1.20E-10	4.20E-11	7.43E-07	1.17E-10	4.08E-11
1160	486859.46, 3856465.28	7.81E-07	1.23E-10	4.29E-11	7.71E-07	1.21E-10	4.23E-11	7.48E-07	1.18E-10	4.11E-11
1161	486909.46, 3856465.28	7.82E-07	1.23E-10	4.29E-11	7.72E-07	1.22E-10	4.24E-11	7.49E-07	1.18E-10	4.11E-11
1162	486809.46, 3856515.28	7.99E-07	1.26E-10	4.39E-11	7.89E-07	1.24E-10	4.33E-11	7.66E-07	1.21E-10	4.20E-11
1163	486859.46, 3856515.28	8.11E-07	1.28E-10	4.45E-11	8.00E-07	1.26E-10	4.39E-11	7.77E-07	1.22E-10	4.27E-11
1164	486909.46, 3856515.28	8.16E-07	1.29E-10	4.48E-11	8.06E-07	1.27E-10	4.42E-11	7.82E-07	1.23E-10	4.29E-11
1165	486980.94, 3856357.95	7.15E-07	1.13E-10	3.92E-11	7.06E-07	1.11E-10	3.87E-11	6.85E-07	1.08E-10	3.76E-11
1166	487030.94, 3856357.95	7.16E-07	1.13E-10	3.93E-11	7.07E-07	1.11E-10	3.88E-11	6.86E-07	1.08E-10	3.77E-11
1167	486980.94, 3856407.95	7.47E-07	1.18E-10	4.10E-11	7.37E-07	1.16E-10	4.04E-11	7.16E-07	1.13E-10	3.93E-11
1168	487030.94, 3856407.95	7.46E-07	1.17E-10	4.09E-11	7.36E-07	1.16E-10	4.04E-11	7.15E-07	1.13E-10	3.92E-11
1169	487447.18, 3856437.45	8.10E-07	1.28E-10	4.45E-11	7.99E-07	1.26E-10	4.39E-11	7.76E-07	1.22E-10	4.26E-11
1170	487497.18, 3856437.45	8.18E-07	1.29E-10	4.49E-11	8.08E-07	1.27E-10	4.43E-11	7.84E-07	1.24E-10	4.30E-11
1171	487547.18, 3856437.45	8.28E-07	1.30E-10	4.54E-11	8.17E-07	1.29E-10	4.48E-11	7.93E-07	1.25E-10	4.35E-11
1172	487447.18, 3856487.45	8.39E-07	1.32E-10	4.61E-11	8.29E-07	1.31E-10	4.55E-11	8.05E-07	1.27E-10	4.42E-11
1173	487497.18, 3856487.45	8.48E-07	1.34E-10	4.65E-11	8.37E-07	1.32E-10	4.59E-11	8.13E-07	1.28E-10	4.46E-11
1174	487547.18, 3856487.45	8.58E-07	1.35E-10	4.71E-11	8.46E-07	1.33E-10	4.65E-11	8.22E-07	1.29E-10	4.51E-11
1175	487447.18, 3856537.45	8.70E-07	1.37E-10	4.78E-11	8.59E-07	1.35E-10	4.72E-11	8.34E-07	1.31E-10	4.58E-11
1176	487497.18, 3856537.45	8.79E-07	1.38E-10	4.82E-11	8.67E-07	1.37E-10	4.76E-11	8.42E-07	1.33E-10	4.62E-11
1177	487547.18, 3856537.45	8.90E-07	1.40E-10	4.88E-11	8.78E-07	1.38E-10	4.82E-11	8.53E-07	1.34E-10	4.68E-11
1178	489285.89, 3858826.54	1.12E-04	1.76E-08	6.13E-09	1.10E-04	1.74E-08	6.05E-09	1.07E-04	1.69E-08	5.88E-09
1179	489335.89, 3858826.54	8.42E-05	1.33E-08	4.62E-09	8.31E-05	1.31E-08	4.56E-09	8.07E-05	1.27E-08	4.43E-09
1180	489385.89, 3858826.54	6.79E-05	1.07E-08	3.73E-09	6.71E-05	1.06E-08	3.68E-09	6.51E-05	1.03E-08	3.57E-09
1181	489435.89, 3858826.54	5.72E-05	9.01E-09	3.14E-09	5.64E-05	8.89E-09	3.10E-09	5.48E-05	8.63E-09	3.01E-09
1182	489485.89, 3858826.54	4.95E-05	7.80E-09	2.72E-09	4.89E-05	7.70E-09	2.68E-09	4.75E-05	7.48E-09	2.60E-09
1183	489535.89, 3858826.54	4.38E-05	6.90E-09	2.40E-09	4.32E-05	6.81E-09	2.37E-09	4.20E-05	6.61E-09	2.30E-09
1184	489585.89, 3858826.54	3.94E-05	6.20E-09	2.16E-09	3.89E-05	6.12E-09	2.13E-09	3.77E-05	5.94E-09	2.07E-09
1185	489635.89, 3858826.54	3.59E-05	5.65E-09	1.97E-09	3.54E-05	5.58E-09	1.94E-09	3.44E-05	5.41E-09	1.89E-09
1186	489685.89, 3858826.54	3.30E-05	5.20E-09	1.81E-09	3.26E-05	5.13E-09	1.79E-09	3.16E-05	4.98E-09	1.74E-09

1187	489735.89, 3858826.54	3.06E-05	4.83E-09	1.68E-09	3.02E-05	4.76E-09	1.66E-09	2.94E-05	4.63E-09	1.61E-09
1188	489785.89, 3858826.54	2.87E-05	4.52E-09	1.57E-09	2.83E-05	4.46E-09	1.55E-09	2.75E-05	4.33E-09	1.51E-09
1189	489835.89, 3858826.54	2.70E-05	4.25E-09	1.48E-09	2.66E-05	4.19E-09	1.46E-09	2.58E-05	4.07E-09	1.42E-09
1190	489885.89, 3858826.54	2.55E-05	4.02E-09	1.40E-09	2.52E-05	3.97E-09	1.38E-09	2.45E-05	3.85E-09	1.34E-09
1191	489935.89, 3858826.54	2.43E-05	3.82E-09	1.33E-09	2.39E-05	3.77E-09	1.31E-09	2.33E-05	3.66E-09	1.28E-09
1192	489985.89, 3858826.54	2.32E-05	3.65E-09	1.27E-09	2.29E-05	3.60E-09	1.25E-09	2.22E-05	3.50E-09	1.22E-09
1193	490035.89, 3858826.54	2.22E-05	3.50E-09	1.22E-09	2.19E-05	3.46E-09	1.20E-09	2.13E-05	3.36E-09	1.17E-09
1194	489285.89, 3858876.54	1.21E-04	1.91E-08	6.65E-09	1.20E-04	1.88E-08	6.57E-09	1.16E-04	1.83E-08	6.38E-09
1195	489335.89, 3858876.54	8.72E-05	1.37E-08	4.78E-09	8.60E-05	1.36E-08	4.72E-09	8.35E-05	1.32E-08	4.58E-09
1196	489385.89, 3858876.54	6.81E-05	1.07E-08	3.74E-09	6.72E-05	1.06E-08	3.69E-09	6.53E-05	1.03E-08	3.58E-09
1197	489435.89, 3858876.54	5.62E-05	8.85E-09	3.08E-09	5.54E-05	8.73E-09	3.04E-09	5.38E-05	8.48E-09	2.95E-09
1198	489485.89, 3858876.54	4.81E-05	7.57E-09	2.64E-09	4.75E-05	7.48E-09	2.60E-09	4.61E-05	7.26E-09	2.53E-09
1199	489535.89, 3858876.54	4.22E-05	6.65E-09	2.32E-09	4.17E-05	6.57E-09	2.29E-09	4.05E-05	6.38E-09	2.22E-09
1200	489585.89, 3858876.54	3.78E-05	5.96E-09	2.08E-09	3.73E-05	5.88E-09	2.05E-09	3.62E-05	5.71E-09	1.99E-09
1201	489635.89, 3858876.54	3.44E-05	5.42E-09	1.89E-09	3.39E-05	5.35E-09	1.86E-09	3.29E-05	5.19E-09	1.81E-09
1202	489685.89, 3858876.54	3.16E-05	4.98E-09	1.73E-09	3.12E-05	4.91E-09	1.71E-09	3.03E-05	4.77E-09	1.66E-09
1203	489735.89, 3858876.54	2.93E-05	4.61E-09	1.61E-09	2.89E-05	4.55E-09	1.59E-09	2.81E-05	4.42E-09	1.54E-09
1204	489785.89, 3858876.54	2.74E-05	4.31E-09	1.50E-09	2.70E-05	4.26E-09	1.48E-09	2.62E-05	4.13E-09	1.44E-09
1205	489835.89, 3858876.54	2.57E-05	4.05E-09	1.41E-09	2.54E-05	4.00E-09	1.39E-09	2.47E-05	3.89E-09	1.35E-09
1206	489885.89, 3858876.54	2.43E-05	3.83E-09	1.34E-09	2.40E-05	3.78E-09	1.32E-09	2.33E-05	3.68E-09	1.28E-09
1207	489935.89, 3858876.54	2.31E-05	3.64E-09	1.27E-09	2.28E-05	3.60E-09	1.25E-09	2.22E-05	3.49E-09	1.22E-09
1208	489985.89, 3858876.54	2.21E-05	3.48E-09	1.21E-09	2.18E-05	3.43E-09	1.20E-09	2.12E-05	3.33E-09	1.16E-09
1209	490035.89, 3858876.54	2.12E-05	3.33E-09	1.16E-09	2.09E-05	3.29E-09	1.15E-09	2.03E-05	3.20E-09	1.11E-09
1210	489285.89, 3858926.54	1.10E-04	1.74E-08	6.05E-09	1.09E-04	1.72E-08	5.97E-09	1.06E-04	1.67E-08	5.80E-09
1211	489335.89, 3858926.54	7.89E-05	1.24E-08	4.33E-09	7.78E-05	1.23E-08	4.27E-09	7.56E-05	1.19E-08	4.15E-09
1212	489385.89, 3858926.54	6.20E-05	9.77E-09	3.40E-09	6.12E-05	9.64E-09	3.36E-09	5.94E-05	9.37E-09	3.26E-09
1213	489435.89, 3858926.54	5.16E-05	8.14E-09	2.83E-09	5.10E-05	8.03E-09	2.80E-09	4.95E-05	7.80E-09	2.72E-09
1214	489485.89, 3858926.54	4.46E-05	7.02E-09	2.45E-09	4.40E-05	6.93E-09	2.41E-09	4.27E-05	6.73E-09	2.34E-09
1215	489535.89, 3858926.54	3.94E-05	6.21E-09	2.16E-09	3.89E-05	6.13E-09	2.13E-09	3.78E-05	5.95E-09	2.07E-09
1216	489585.89, 3858926.54	3.55E-05	5.59E-09	1.95E-09	3.50E-05	5.51E-09	1.92E-09	3.40E-05	5.35E-09	1.87E-09
1217	489635.89, 3858926.54	3.23E-05	5.10E-09	1.78E-09	3.19E-05	5.03E-09	1.75E-09	3.10E-05	4.88E-09	1.70E-09
1218	489685.89, 3858926.54	2.98E-05	4.70E-09	1.64E-09	2.94E-05	4.63E-09	1.61E-09	2.86E-05	4.50E-09	1.57E-09
1219	489735.89, 3858926.54	2.77E-05	4.37E-09	1.52E-09	2.74E-05	4.31E-09	1.50E-09	2.66E-05	4.18E-09	1.46E-09
1220	489785.89, 3858926.54	2.60E-05	4.09E-09	1.42E-09	2.56E-05	4.04E-09	1.41E-09	2.49E-05	3.92E-09	1.37E-09
1221	489835.89, 3858926.54	2.44E-05	3.85E-09	1.34E-09	2.41E-05	3.80E-09	1.32E-09	2.34E-05	3.69E-09	1.29E-09
1222	489885.89, 3858926.54	2.31E-05	3.65E-09	1.27E-09	2.28E-05	3.60E-09	1.25E-09	2.22E-05	3.49E-09	1.22E-09
1223	489935.89, 3858926.54	2.20E-05	3.47E-09	1.21E-09	2.17E-05	3.42E-09	1.19E-09	2.11E-05	3.32E-09	1.16E-09
1224	489985.89, 3858926.54	2.10E-05	3.31E-09	1.15E-09	2.07E-05	3.27E-09	1.14E-09	2.01E-05	3.17E-09	1.11E-09
1225	490035.89, 3858926.54	2.02E-05	3.17E-09	1.11E-09	1.99E-05	3.13E-09	1.09E-09	1.93E-05	3.04E-09	1.06E-09
1226	489335.89, 3858976.54	6.54E-05	1.03E-08	3.59E-09	6.45E-05	1.02E-08	3.54E-09	6.27E-05	9.87E-09	3.44E-09
1227	489385.89, 3858976.54	5.36E-05	8.44E-09	2.94E-09	5.29E-05	8.33E-09	2.90E-09	5.14E-05	8.09E-09	2.82E-09
1228	489435.89, 3858976.54	4.59E-05	7.22E-09	2.52E-09	4.53E-05	7.13E-09	2.48E-09	4.40E-05	6.92E-09	2.41E-09
1229	489485.89, 3858976.54	4.03E-05	6.35E-09	2.21E-09	3.98E-05	6.26E-09	2.18E-09	3.86E-05	6.08E-09	2.12E-09
1230	489535.89, 3858976.54	3.61E-05	5.68E-09	1.98E-09	3.56E-05	5.61E-09	1.95E-09	3.46E-05	5.45E-09	1.90E-09
1231	489585.89, 3858976.54	3.28E-05	5.17E-09	1.80E-09	3.24E-05	5.10E-09	1.78E-09	3.14E-05	4.95E-09	1.73E-09
1232	489635.89, 3858976.54	3.01E-05	4.75E-09	1.65E-09	2.97E-05	4.68E-09	1.63E-09	2.89E-05	4.55E-09	1.58E-09
1233	489685.89, 3858976.54	2.79E-05	4.40E-09	1.53E-09	2.76E-05	4.34E-09	1.51E-09	2.68E-05	4.21E-09	1.47E-09
1234	489735.89, 3858976.54	2.61E-05	4.11E-09	1.43E-09	2.57E-05	4.05E-09	1.41E-09	2.50E-05	3.94E-09	1.37E-09
1235	489785.89, 3858976.54	2.45E-05	3.86E-09	1.34E-09	2.42E-05	3.81E-09	1.33E-09	2.35E-05	3.70E-09	1.29E-09
1236	489835.89, 3858976.54	2.31E-05	3.65E-09	1.27E-09	2.28E-05	3.60E-09	1.25E-09	2.22E-05	3.49E-09	1.22E-09
1237	489885.89, 3858976.54	2.19E-05	3.46E-09	1.20E-09	2.17E-05	3.41E-09	1.19E-09	2.10E-05	3.31E-09	1.15E-09
1238	489935.89, 3858976.54	2.09E-05	3.29E-09	1.15E-09	2.06E-05	3.25E-09	1.13E-09	2.00E-05	3.16E-09	1.10E-09
1239	489985.89, 3858976.54	2.00E-05	3.15E-09	1.10E-09	1.97E-05	3.11E-09	1.08E-09	1.92E-05	3.02E-09	1.05E-09
1240	490035.89, 3858976.54	1.91E-05	3.02E-09	1.05E-09	1.89E-05	2.98E-09	1.04E-09	1.84E-05	2.89E-09	1.01E-09
1241	489385.89, 3859026.54	4.86E-05	7.65E-09	2.67E-09	4.80E-05	7.55E-09	2.63E-09	4.66E-05	7.34E-09	2.56E-09
1242	489435.89, 3859026.54	4.17E-05	6.57E-09	2.29E-09	4.12E-05	6.48E-09	2.26E-09	4.00E-05	6.30E-09	2.19E-09
1243	489485.89, 3859026.54	3.68E-05	5.80E-09	2.02E-09	3.63E-05	5.73E-09	1.99E-09	3.53E-05	5.56E-09	1.94E-09
1244	489535.89, 3859026.54	3.32E-05	5.23E-09	1.82E-09	3.28E-05	5.16E-09	1.80E-09	3.18E-05	5.01E-09	1.75E-09
1245	489585.89, 3859026.54	3.03E-05	4.78E-09	1.67E-09	2.99E-05	4.72E-09	1.64E-09	2.91E-05	4.58E-09	1.60E-09
1246	489635.89, 3859026.54	2.80E-05	4.42E-09	1.54E-09	2.77E-05	4.36E-09	1.52E-09	2.69E-05	4.23E-09	1.47E-09
1247	489685.89, 3859026.54	2.61E-05	4.11E-09	1.43E-09	2.58E-05	4.06E-09	1.41E-09	2.50E-05	3.94E-09	1.37E-09
1248	489735.89, 3859026.54	2.45E-05	3.86E-09	1.34E-09	2.42E-05	3.81E-09	1.33E-09	2.35E-05	3.70E-09	1.29E-09
1249	489785.89, 3859026.54	2.31E-05	3.64E-09	1.27E-09	2.28E-05	3.59E-09	1.25E-09	2.21E-05	3.49E-09	1.21E-09
1250	489835.89, 3859026.54	2.19E-05	3.45E-09	1.20E-09	2.16E-05	3.40E-09	1.18E-09	2.10E-05	3.30E-09	1.15E-09
1251	489885.89, 3859026.54	2.08E-05	3.28E-09	1.14E-09	2.05E-05	3.23E-09	1.13E-09	1.99E-05	3.14E-09	1.09E-09
1252	489935.89, 3859026.54	1.98E-05	3.13E-09	1.09E-09	1.96E-05	3.09E-09	1.07E-09	1.90E-05	3.00E-09	1.04E-09
1253	489985.89, 3859026.54	1.90E-05	2.99E-09	1.04E-09	1.87E-05	2.95E-09	1.03E-09	1.82E-05	2.87E-09	9.99E-10
1254	490035.89, 3859026.54	1.82E-05	2.86E-09	9.97E-10	1.79E-05	2.82E-09	9.84E-10	1.74E-05	2.74E-09	9.55E-10
1255	489485.89, 3859076.54	3.49E-05	5.50E-09	1.91E-09	3.44E-05	5.42E-09	1.89E-09	3.34E-05	5.27E-09	1.84E-09
1256	489535.89, 3859076.54	3.12E-05	4.91E-09	1.71E-09	3.08E-05	4.85E-09	1.69E-09	2.99E-05	4.71E-09	1.64E-09

1257	489585.89, 3859076.54	2.85E-05	4.49E-09	1.56E-09	2.81E-05	4.43E-09	1.54E-09	2.73E-05	4.30E-09	1.50E-09
1258	489635.89, 3859076.54	2.63E-05	4.15E-09	1.45E-09	2.60E-05	4.10E-09	1.43E-09	2.52E-05	3.98E-09	1.39E-09
1259	489685.89, 3859076.54	2.46E-05	3.87E-09	1.35E-09	2.43E-05	3.82E-09	1.33E-09	2.36E-05	3.71E-09	1.29E-09
1260	489735.89, 3859076.54	2.31E-05	3.64E-09	1.27E-09	2.28E-05	3.59E-09	1.25E-09	2.21E-05	3.49E-09	1.22E-09
1261	489785.89, 3859076.54	2.18E-05	3.44E-09	1.20E-09	2.15E-05	3.39E-09	1.18E-09	2.09E-05	3.30E-09	1.15E-09
1262	489835.89, 3859076.54	2.07E-05	3.26E-09	1.14E-09	2.04E-05	3.22E-09	1.12E-09	1.98E-05	3.13E-09	1.09E-09
1263	489885.89, 3859076.54	1.97E-05	3.11E-09	1.08E-09	1.95E-05	3.07E-09	1.07E-09	1.89E-05	2.98E-09	1.04E-09
1264	489935.89, 3859076.54	1.88E-05	2.97E-09	1.03E-09	1.86E-05	2.93E-09	1.02E-09	1.81E-05	2.84E-09	9.91E-10
1265	489985.89, 3859076.54	1.80E-05	2.84E-09	9.90E-10	1.78E-05	2.81E-09	9.77E-10	1.73E-05	2.72E-09	9.49E-10
1266	490035.89, 3859076.54	1.73E-05	2.72E-09	9.49E-10	1.71E-05	2.69E-09	9.37E-10	1.66E-05	2.61E-09	9.09E-10
1267	489585.89, 3859126.54	2.73E-05	4.31E-09	1.50E-09	2.70E-05	4.25E-09	1.48E-09	2.62E-05	4.13E-09	1.44E-09
1268	489635.89, 3859126.54	2.51E-05	3.96E-09	1.38E-09	2.48E-05	3.90E-09	1.36E-09	2.41E-05	3.79E-09	1.32E-09
1269	489685.89, 3859126.54	2.34E-05	3.68E-09	1.28E-09	2.31E-05	3.63E-09	1.27E-09	2.24E-05	3.53E-09	1.23E-09
1270	489735.89, 3859126.54	2.20E-05	3.46E-09	1.20E-09	2.17E-05	3.41E-09	1.19E-09	2.10E-05	3.31E-09	1.15E-09
1271	489785.89, 3859126.54	2.07E-05	3.27E-09	1.14E-09	2.05E-05	3.22E-09	1.12E-09	1.99E-05	3.13E-09	1.09E-09
1272	489835.89, 3859126.54	1.97E-05	3.10E-09	1.08E-09	1.94E-05	3.06E-09	1.07E-09	1.89E-05	2.97E-09	1.03E-09
1273	489885.89, 3859126.54	1.87E-05	2.95E-09	1.03E-09	1.85E-05	2.91E-09	1.01E-09	1.80E-05	2.83E-09	9.85E-10
1274	489935.89, 3859126.54	1.79E-05	2.82E-09	9.83E-10	1.77E-05	2.78E-09	9.70E-10	1.72E-05	2.70E-09	9.42E-10
1275	489985.89, 3859126.54	1.71E-05	2.70E-09	9.41E-10	1.69E-05	2.67E-09	9.28E-10	1.64E-05	2.59E-09	9.02E-10
1276	490035.89, 3859126.54	1.65E-05	2.59E-09	9.03E-10	1.62E-05	2.56E-09	8.91E-10	1.58E-05	2.48E-09	8.66E-10
1277	489585.89, 3859176.54	2.59E-05	4.08E-09	1.42E-09	2.56E-05	4.03E-09	1.40E-09	2.48E-05	3.91E-09	1.36E-09
1278	489635.89, 3859176.54	2.46E-05	3.88E-09	1.35E-09	2.43E-05	3.83E-09	1.33E-09	2.36E-05	3.72E-09	1.29E-09
1279	489685.89, 3859176.54	2.26E-05	3.56E-09	1.24E-09	2.23E-05	3.51E-09	1.22E-09	2.16E-05	3.41E-09	1.19E-09
1280	489735.89, 3859176.54	2.11E-05	3.32E-09	1.16E-09	2.08E-05	3.27E-09	1.14E-09	2.02E-05	3.18E-09	1.11E-09
1281	489785.89, 3859176.54	1.98E-05	3.12E-09	1.09E-09	1.96E-05	3.08E-09	1.07E-09	1.90E-05	2.99E-09	1.04E-09
1282	489835.89, 3859176.54	1.88E-05	2.96E-09	1.03E-09	1.85E-05	2.92E-09	1.02E-09	1.80E-05	2.83E-09	9.88E-10
1283	489885.89, 3859176.54	1.79E-05	2.81E-09	9.80E-10	1.76E-05	2.78E-09	9.67E-10	1.71E-05	2.70E-09	9.39E-10
1284	489935.89, 3859176.54	1.71E-05	2.69E-09	9.36E-10	1.68E-05	2.65E-09	9.24E-10	1.63E-05	2.57E-09	8.97E-10
1285	489985.89, 3859176.54	1.63E-05	2.57E-09	8.96E-10	1.61E-05	2.54E-09	8.84E-10	1.56E-05	2.46E-09	8.59E-10
1286	490035.89, 3859176.54	1.57E-05	2.47E-09	8.61E-10	1.55E-05	2.44E-09	8.50E-10	1.50E-05	2.37E-09	8.25E-10
1287	489685.89, 3859226.54	2.23E-05	3.51E-09	1.22E-09	2.20E-05	3.46E-09	1.21E-09	2.13E-05	3.36E-09	1.17E-09
1288	489735.89, 3859226.54	2.05E-05	3.24E-09	1.13E-09	2.03E-05	3.19E-09	1.11E-09	1.97E-05	3.10E-09	1.08E-09
1289	489785.89, 3859226.54	1.91E-05	3.01E-09	1.05E-09	1.89E-05	2.97E-09	1.04E-09	1.83E-05	2.89E-09	1.01E-09
1290	489835.89, 3859226.54	1.80E-05	2.84E-09	9.88E-10	1.78E-05	2.80E-09	9.75E-10	1.72E-05	2.72E-09	9.47E-10
1291	489885.89, 3859226.54	1.71E-05	2.69E-09	9.37E-10	1.68E-05	2.65E-09	9.24E-10	1.64E-05	2.58E-09	8.98E-10
1292	489935.89, 3859226.54	1.63E-05	2.56E-09	8.92E-10	1.60E-05	2.53E-09	8.81E-10	1.56E-05	2.45E-09	8.55E-10
1293	489985.89, 3859226.54	1.55E-05	2.45E-09	8.53E-10	1.53E-05	2.42E-09	8.42E-10	1.49E-05	2.35E-09	8.17E-10
1294	490035.89, 3859226.54	1.49E-05	2.35E-09	8.19E-10	1.47E-05	2.32E-09	8.09E-10	1.43E-05	2.25E-09	7.85E-10
1295	489735.89, 3859276.54	1.95E-05	3.07E-09	1.07E-09	1.92E-05	3.03E-09	1.05E-09	1.86E-05	2.94E-09	1.02E-09
1296	489785.89, 3859276.54	1.89E-05	2.98E-09	1.04E-09	1.87E-05	2.94E-09	1.02E-09	1.81E-05	2.85E-09	9.94E-10
1297	489835.89, 3859276.54	1.74E-05	2.75E-09	9.57E-10	1.72E-05	2.71E-09	9.44E-10	1.67E-05	2.63E-09	9.17E-10
1298	489885.89, 3859276.54	1.64E-05	2.58E-09	8.99E-10	1.62E-05	2.55E-09	8.87E-10	1.57E-05	2.47E-09	8.62E-10
1299	489935.89, 3859276.54	1.55E-05	2.45E-09	8.52E-10	1.53E-05	2.41E-09	8.41E-10	1.49E-05	2.34E-09	8.17E-10
1300	489985.89, 3859276.54	1.48E-05	2.33E-09	8.12E-10	1.46E-05	2.30E-09	8.01E-10	1.42E-05	2.23E-09	7.78E-10
1301	490035.89, 3859276.54	1.42E-05	2.24E-09	7.79E-10	1.40E-05	2.21E-09	7.69E-10	1.36E-05	2.14E-09	7.47E-10
1302	490458.06, 3859590.74	7.87E-06	1.24E-09	4.32E-10	7.76E-06	1.22E-09	4.26E-10	7.54E-06	1.19E-09	4.14E-10
1303	490508.06, 3859590.74	7.54E-06	1.19E-09	4.14E-10	7.44E-06	1.17E-09	4.08E-10	7.22E-06	1.14E-09	3.96E-10
1304	490558.06, 3859590.74	7.30E-06	1.15E-09	4.00E-10	7.20E-06	1.13E-09	3.95E-10	6.99E-06	1.10E-09	3.84E-10
1305	490608.06, 3859590.74	7.10E-06	1.12E-09	3.90E-10	7.00E-06	1.10E-09	3.84E-10	6.80E-06	1.07E-09	3.73E-10
1306	490658.06, 3859590.74	6.92E-06	1.09E-09	3.80E-10	6.83E-06	1.08E-09	3.75E-10	6.63E-06	1.05E-09	3.64E-10
1307	490708.06, 3859590.74	6.76E-06	1.06E-09	3.71E-10	6.67E-06	1.05E-09	3.66E-10	6.48E-06	1.02E-09	3.56E-10
1308	490758.06, 3859590.74	6.60E-06	1.04E-09	3.62E-10	6.51E-06	1.03E-09	3.57E-10	6.32E-06	9.96E-10	3.47E-10
1309	490808.06, 3859590.74	6.45E-06	1.02E-09	3.54E-10	6.37E-06	1.00E-09	3.50E-10	6.19E-06	9.74E-10	3.39E-10
1310	490858.06, 3859590.74	6.31E-06	9.94E-10	3.46E-10	6.23E-06	9.81E-10	3.42E-10	6.05E-06	9.53E-10	3.32E-10
1311	490458.06, 3859640.74	8.11E-06	1.28E-09	4.45E-10	8.01E-06	1.26E-09	4.39E-10	7.77E-06	1.22E-09	4.27E-10
1312	490508.06, 3859640.74	7.70E-06	1.21E-09	4.23E-10	7.60E-06	1.20E-09	4.17E-10	7.38E-06	1.16E-09	4.05E-10
1313	490558.06, 3859640.74	7.19E-06	1.13E-09	3.95E-10	7.10E-06	1.12E-09	3.90E-10	6.90E-06	1.09E-09	3.78E-10
1314	490608.06, 3859640.74	6.89E-06	1.08E-09	3.78E-10	6.80E-06	1.07E-09	3.73E-10	6.60E-06	1.04E-09	3.62E-10
1315	490658.06, 3859640.74	6.66E-06	1.05E-09	3.66E-10	6.58E-06	1.04E-09	3.61E-10	6.39E-06	1.01E-09	3.50E-10
1316	490708.06, 3859640.74	6.48E-06	1.02E-09	3.56E-10	6.40E-06	1.01E-09	3.51E-10	6.21E-06	9.79E-10	3.41E-10
1317	490758.06, 3859640.74	6.32E-06	9.96E-10	3.47E-10	6.24E-06	9.83E-10	3.42E-10	6.06E-06	9.54E-10	3.32E-10
1318	490808.06, 3859640.74	6.19E-06	9.75E-10	3.40E-10	6.11E-06	9.62E-10	3.35E-10	5.93E-06	9.34E-10	3.25E-10
1319	490858.06, 3859640.74	6.06E-06	9.55E-10	3.33E-10	5.98E-06	9.43E-10	3.28E-10	5.81E-06	9.15E-10	3.19E-10
1320	490608.06, 3859690.74	7.15E-06	1.13E-09	3.92E-10	7.06E-06	1.11E-09	3.87E-10	6.85E-06	1.08E-09	3.76E-10
1321	490658.06, 3859690.74	6.64E-06	1.05E-09	3.64E-10	6.55E-06	1.03E-09	3.60E-10	6.36E-06	1.00E-09	3.49E-10
1322	490708.06, 3859690.74	6.34E-06	9.99E-10	3.48E-10	6.26E-06	9.86E-10	3.44E-10	6.08E-06	9.58E-10	3.34E-10
1323	490758.06, 3859690.74	6.13E-06	9.65E-10	3.36E-10	6.05E-06	9.53E-10	3.32E-10	5.87E-06	9.25E-10	3.22E-10
1324	490808.06, 3859690.74	5.96E-06	9.39E-10	3.27E-10	5.89E-06	9.27E-10	3.23E-10	5.71E-06	9.00E-10	3.14E-10
1325	490858.06, 3859690.74	5.85E-06	9.21E-10	3.21E-10	5.77E-06	9.09E-10	3.17E-10	5.60E-06	8.83E-10	3.07E-10
1326	490708.06, 3859740.74	6.72E-06	1.06E-09	3.69E-10	6.63E-06	1.04E-09	3.64E-10	6.44E-06	1.01E-09	3.53E-10

1327	490758.06, 3859740.74	6.20E-06	9.77E-10	3.41E-10	6.12E-06	9.65E-10	3.36E-10	5.95E-06	9.37E-10	3.26E-10
1328	490808.06, 3859740.74	5.91E-06	9.31E-10	3.24E-10	5.83E-06	9.19E-10	3.20E-10	5.66E-06	8.92E-10	3.11E-10
1329	490858.06, 3859740.74	5.72E-06	9.01E-10	3.14E-10	5.64E-06	8.89E-10	3.10E-10	5.48E-06	8.63E-10	3.01E-10
1330	490786.56, 3859749.39	6.06E-06	9.54E-10	3.32E-10	5.98E-06	9.42E-10	3.28E-10	5.81E-06	9.15E-10	3.19E-10
1331	490836.56, 3859749.39	5.79E-06	9.13E-10	3.18E-10	5.72E-06	9.01E-10	3.14E-10	5.55E-06	8.75E-10	3.05E-10
1332	490786.56, 3859799.39	6.29E-06	9.91E-10	3.45E-10	6.21E-06	9.78E-10	3.41E-10	6.03E-06	9.50E-10	3.31E-10
1333	490836.56, 3859799.39	6.16E-06	9.71E-10	3.38E-10	6.08E-06	9.58E-10	3.34E-10	5.91E-06	9.31E-10	3.24E-10
1334	492307.84, 3854508.36	2.28E-07	3.59E-11	1.25E-11	2.25E-07	3.54E-11	1.23E-11	2.18E-07	3.44E-11	1.20E-11
1335	486445.7, 3854753.6	2.32E-07	3.66E-11	1.27E-11	2.29E-07	3.61E-11	1.26E-11	2.23E-07	3.51E-11	1.22E-11
1336	472599.75, 3877830.11	4.10E-08	6.46E-12	2.25E-12	4.05E-08	6.37E-12	2.22E-12	3.93E-08	6.19E-12	2.16E-12
1337	493107.48, 3866840.19	1.57E-07	2.47E-11	8.61E-12	1.55E-07	2.44E-11	8.50E-12	1.50E-07	2.37E-11	8.26E-12
1338	495815.8, 3861662.87	8.92E-07	1.41E-10	4.90E-11	8.80E-07	1.39E-10	4.83E-11	8.55E-07	1.35E-10	4.69E-11
1339	480272.33, 3841389.2	1.17E-08	1.85E-12	6.43E-13	1.16E-08	1.82E-12	6.34E-13	1.12E-08	1.77E-12	6.16E-13
1340	497005.18, 3862813.64	5.67E-07	8.93E-11	3.11E-11	5.60E-07	8.82E-11	3.07E-11	5.43E-07	8.56E-11	2.98E-11
1341	493677.33, 3860302.55	2.15E-06	3.38E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.24E-10	1.13E-10
1342	493727.33, 3860302.55	2.14E-06	3.37E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.23E-10	1.12E-10
1343	493777.33, 3860302.55	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
1344	493827.33, 3860302.55	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
1345	493877.33, 3860302.55	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.27E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
1346	493927.33, 3860302.55	2.09E-06	3.30E-10	1.15E-10	2.07E-06	3.25E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
1347	493977.33, 3860302.55	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
1348	494027.33, 3860302.55	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.12E-10	1.99E-06	3.14E-10	1.09E-10
1349	493677.33, 3860352.55	2.08E-06	3.28E-10	1.14E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.14E-10	1.10E-10
1350	493727.33, 3860352.55	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.13E-10	1.09E-10
1351	493777.33, 3860352.55	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.12E-10	1.97E-06	3.11E-10	1.08E-10
1352	493827.33, 3860352.55	2.05E-06	3.23E-10	1.12E-10	2.02E-06	3.19E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
1353	493877.33, 3860352.55	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.96E-06	3.08E-10	1.07E-10
1354	493927.33, 3860352.55	2.03E-06	3.20E-10	1.12E-10	2.01E-06	3.16E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
1355	493977.33, 3860352.55	2.03E-06	3.19E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.07E-10
1356	494027.33, 3860352.55	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
1357	493677.33, 3860402.55	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.93E-06	3.05E-10	1.06E-10
1358	493727.33, 3860402.55	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.92E-06	3.03E-10	1.06E-10
1359	493777.33, 3860402.55	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
1360	493827.33, 3860402.55	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
1361	493877.33, 3860402.55	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
1362	493927.33, 3860402.55	1.97E-06	3.10E-10	1.08E-10	1.95E-06	3.06E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
1363	493977.33, 3860402.55	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.06E-10	1.88E-06	2.97E-10	1.03E-10
1364	494027.33, 3860402.55	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
1365	493677.33, 3860452.55	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
1366	493727.33, 3860452.55	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.94E-10	1.02E-10
1367	493777.33, 3860452.55	1.94E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
1368	493827.33, 3860452.55	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
1369	493877.33, 3860452.55	1.92E-06	3.03E-10	1.05E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1370	493927.33, 3860452.55	1.91E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.84E-06	2.89E-10	1.01E-10
1371	493977.33, 3860452.55	1.91E-06	3.00E-10	1.05E-10	1.88E-06	2.96E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
1372	494027.33, 3860452.55	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.86E-10	9.98E-11
1373	493677.33, 3860502.55	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.87E-10	9.99E-11
1374	493727.33, 3860502.55	1.89E-06	2.97E-10	1.04E-10	1.86E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.93E-11
1375	493777.33, 3860502.55	1.88E-06	2.96E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.88E-11
1376	493827.33, 3860502.55	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.79E-06	2.82E-10	9.84E-11
1377	493877.33, 3860502.55	1.86E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.81E-10	9.80E-11
1378	493927.33, 3860502.55	1.86E-06	2.93E-10	1.02E-10	1.83E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.78E-11
1379	493977.33, 3860502.55	1.85E-06	2.91E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.77E-06	2.79E-10	9.73E-11
1380	494027.33, 3860502.55	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.69E-11
1381	493627.33, 3860552.55	1.85E-06	2.92E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.77E-06	2.80E-10	9.74E-11
1382	493677.33, 3860552.55	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.68E-11
1383	493727.33, 3860552.55	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.84E-10	9.91E-11	1.75E-06	2.76E-10	9.62E-11
1384	493777.33, 3860552.55	1.82E-06	2.87E-10	1.00E-10	1.80E-06	2.83E-10	9.87E-11	1.75E-06	2.75E-10	9.58E-11
1385	493827.33, 3860552.55	1.82E-06	2.86E-10	9.97E-11	1.79E-06	2.82E-10	9.84E-11	1.74E-06	2.74E-10	9.55E-11
1386	493877.33, 3860552.55	1.81E-06	2.85E-10	9.92E-11	1.78E-06	2.81E-10	9.79E-11	1.73E-06	2.73E-10	9.51E-11
1387	493927.33, 3860552.55	1.80E-06	2.84E-10	9.89E-11	1.78E-06	2.80E-10	9.76E-11	1.73E-06	2.72E-10	9.48E-11
1388	493977.33, 3860552.55	1.80E-06	2.83E-10	9.86E-11	1.77E-06	2.79E-10	9.73E-11	1.72E-06	2.71E-10	9.45E-11
1389	494027.33, 3860552.55	1.79E-06	2.82E-10	9.81E-11	1.76E-06	2.78E-10	9.68E-11	1.71E-06	2.70E-10	9.40E-11
1390	493627.33, 3860602.55	1.80E-06	2.83E-10	9.86E-11	1.77E-06	2.79E-10	9.73E-11	1.72E-06	2.71E-10	9.45E-11
1391	493727.33, 3860602.55	1.77E-06	2.79E-10	9.73E-11	1.75E-06	2.76E-10	9.60E-11	1.70E-06	2.68E-10	9.32E-11
1392	493777.33, 3860602.55	1.77E-06	2.79E-10	9.71E-11	1.75E-06	2.75E-10	9.58E-11	1.70E-06	2.67E-10	9.30E-11
1393	493827.33, 3860602.55	1.76E-06	2.77E-10	9.67E-11	1.74E-06	2.74E-10	9.54E-11	1.69E-06	2.66E-10	9.26E-11
1394	493877.33, 3860602.55	1.76E-06	2.77E-10	9.64E-11	1.73E-06	2.73E-10	9.52E-11	1.68E-06	2.65E-10	9.24E-11
1395	493927.33, 3860602.55	1.75E-06	2.76E-10	9.61E-11	1.73E-06	2.72E-10	9.48E-11	1.68E-06	2.64E-10	9.21E-11
1396	493977.33, 3860602.55	1.74E-06	2.75E-10	9.57E-11	1.72E-06	2.71E-10	9.45E-11	1.67E-06	2.63E-10	9.18E-11

1397	494027.33, 3860602.55	1.74E-06	2.73E-10	9.53E-11	1.71E-06	2.70E-10	9.40E-11	1.66E-06	2.62E-10	9.13E-11
1398	493627.33, 3860652.55	1.74E-06	2.75E-10	9.57E-11	1.72E-06	2.71E-10	9.44E-11	1.67E-06	2.63E-10	9.17E-11
1399	493727.33, 3860652.55	1.72E-06	2.71E-10	9.44E-11	1.70E-06	2.67E-10	9.31E-11	1.65E-06	2.60E-10	9.05E-11
1400	493777.33, 3860652.55	1.71E-06	2.70E-10	9.41E-11	1.69E-06	2.67E-10	9.29E-11	1.64E-06	2.59E-10	9.02E-11
1401	493827.33, 3860652.55	1.71E-06	2.69E-10	9.39E-11	1.69E-06	2.66E-10	9.26E-11	1.64E-06	2.58E-10	9.00E-11
1402	493877.33, 3860652.55	1.71E-06	2.69E-10	9.37E-11	1.68E-06	2.65E-10	9.24E-11	1.64E-06	2.58E-10	8.98E-11
1403	493927.33, 3860652.55	1.70E-06	2.68E-10	9.33E-11	1.68E-06	2.64E-10	9.21E-11	1.63E-06	2.57E-10	8.94E-11
1404	493977.33, 3860652.55	1.69E-06	2.67E-10	9.29E-11	1.67E-06	2.63E-10	9.17E-11	1.62E-06	2.56E-10	8.91E-11
1405	494027.33, 3860652.55	1.69E-06	2.66E-10	9.27E-11	1.67E-06	2.63E-10	9.15E-11	1.62E-06	2.55E-10	8.88E-11
1406	494311.06, 3858401.99	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.46E-10	1.20E-10
1407	494361.06, 3858401.99	2.23E-06	3.52E-10	1.23E-10	2.20E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.17E-10
1408	494411.06, 3858401.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
1409	494461.06, 3858401.99	2.16E-06	3.41E-10	1.19E-10	2.14E-06	3.36E-10	1.17E-10	2.07E-06	3.27E-10	1.14E-10
1410	494511.06, 3858401.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.30E-10	1.15E-10	2.03E-06	3.20E-10	1.12E-10
1411	494561.06, 3858401.99	2.09E-06	3.30E-10	1.15E-10	2.07E-06	3.26E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
1412	494611.06, 3858401.99	2.05E-06	3.23E-10	1.13E-10	2.03E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
1413	494661.06, 3858401.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
1414	494711.06, 3858401.99	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.89E-06	2.97E-10	1.04E-10
1415	494761.06, 3858401.99	1.94E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
1416	494811.06, 3858401.99	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.87E-10	9.99E-11
1417	494861.06, 3858401.99	1.86E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.82E-10	9.81E-11
1418	494911.06, 3858401.99	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.85E-10	9.92E-11	1.75E-06	2.76E-10	9.63E-11
1419	494961.06, 3858401.99	1.80E-06	2.83E-10	9.86E-11	1.77E-06	2.79E-10	9.73E-11	1.72E-06	2.71E-10	9.45E-11
1420	495011.06, 3858401.99	1.76E-06	2.77E-10	9.64E-11	1.73E-06	2.73E-10	9.51E-11	1.68E-06	2.65E-10	9.24E-11
1421	495061.06, 3858401.99	1.72E-06	2.71E-10	9.46E-11	1.70E-06	2.68E-10	9.33E-11	1.65E-06	2.60E-10	9.06E-11
1422	495111.06, 3858401.99	1.67E-06	2.63E-10	9.17E-11	1.65E-06	2.60E-10	9.05E-11	1.60E-06	2.52E-10	8.79E-11
1423	495161.06, 3858401.99	1.65E-06	2.60E-10	9.07E-11	1.63E-06	2.57E-10	8.96E-11	1.58E-06	2.50E-10	8.70E-11
1424	495211.06, 3858401.99	1.61E-06	2.53E-10	8.83E-11	1.59E-06	2.50E-10	8.71E-11	1.54E-06	2.43E-10	8.46E-11
1425	495261.06, 3858401.99	1.58E-06	2.49E-10	8.67E-11	1.56E-06	2.46E-10	8.56E-11	1.51E-06	2.38E-10	8.31E-11
1426	495311.06, 3858401.99	1.55E-06	2.44E-10	8.51E-11	1.53E-06	2.41E-10	8.40E-11	1.49E-06	2.34E-10	8.15E-11
1427	495361.06, 3858401.99	1.53E-06	2.41E-10	8.38E-11	1.51E-06	2.37E-10	8.27E-11	1.46E-06	2.31E-10	8.03E-11
1428	495411.06, 3858401.99	1.51E-06	2.38E-10	8.29E-11	1.49E-06	2.35E-10	8.18E-11	1.45E-06	2.28E-10	7.95E-11
1429	495461.06, 3858401.99	1.50E-06	2.36E-10	8.22E-11	1.48E-06	2.33E-10	8.11E-11	1.43E-06	2.26E-10	7.88E-11
1430	495511.06, 3858401.99	1.48E-06	2.33E-10	8.13E-11	1.46E-06	2.30E-10	8.03E-11	1.42E-06	2.24E-10	7.79E-11
1431	495561.06, 3858401.99	1.46E-06	2.29E-10	7.99E-11	1.44E-06	2.26E-10	7.89E-11	1.40E-06	2.20E-10	7.66E-11
1432	495611.06, 3858401.99	1.44E-06	2.27E-10	7.92E-11	1.42E-06	2.24E-10	7.82E-11	1.38E-06	2.18E-10	7.59E-11
1433	495661.06, 3858401.99	1.44E-06	2.27E-10	7.91E-11	1.42E-06	2.24E-10	7.81E-11	1.38E-06	2.18E-10	7.58E-11
1434	494311.06, 3858451.99	2.33E-06	3.66E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
1435	494361.06, 3858451.99	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
1436	494411.06, 3858451.99	2.24E-06	3.52E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.14E-06	3.38E-10	1.18E-10
1437	494461.06, 3858451.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
1438	494511.06, 3858451.99	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
1439	494561.06, 3858451.99	2.12E-06	3.35E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
1440	494611.06, 3858451.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
1441	494661.06, 3858451.99	2.05E-06	3.23E-10	1.13E-10	2.03E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
1442	494711.06, 3858451.99	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.93E-06	3.03E-10	1.06E-10
1443	494761.06, 3858451.99	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.88E-06	2.97E-10	1.03E-10
1444	494811.06, 3858451.99	1.93E-06	3.04E-10	1.06E-10	1.91E-06	3.00E-10	1.05E-10	1.85E-06	2.91E-10	1.02E-10
1445	494861.06, 3858451.99	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.86E-10	9.95E-11
1446	494911.06, 3858451.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.87E-10	9.98E-11	1.77E-06	2.78E-10	9.70E-11
1447	494961.06, 3858451.99	1.81E-06	2.85E-10	9.93E-11	1.79E-06	2.81E-10	9.80E-11	1.73E-06	2.73E-10	9.52E-11
1448	495011.06, 3858451.99	1.77E-06	2.78E-10	9.70E-11	1.74E-06	2.75E-10	9.57E-11	1.69E-06	2.67E-10	9.29E-11
1449	495061.06, 3858451.99	1.74E-06	2.74E-10	9.56E-11	1.72E-06	2.71E-10	9.44E-11	1.67E-06	2.63E-10	9.16E-11
1450	495111.06, 3858451.99	1.70E-06	2.68E-10	9.34E-11	1.68E-06	2.65E-10	9.22E-11	1.63E-06	2.57E-10	8.95E-11
1451	495161.06, 3858451.99	1.66E-06	2.61E-10	9.10E-11	1.64E-06	2.58E-10	8.99E-11	1.59E-06	2.50E-10	8.73E-11
1452	495211.06, 3858451.99	1.62E-06	2.55E-10	8.89E-11	1.60E-06	2.52E-10	8.77E-11	1.55E-06	2.45E-10	8.52E-11
1453	495261.06, 3858451.99	1.59E-06	2.51E-10	8.74E-11	1.57E-06	2.47E-10	8.62E-11	1.53E-06	2.40E-10	8.37E-11
1454	495311.06, 3858451.99	1.57E-06	2.47E-10	8.60E-11	1.55E-06	2.44E-10	8.49E-11	1.50E-06	2.37E-10	8.24E-11
1455	495361.06, 3858451.99	1.55E-06	2.43E-10	8.48E-11	1.53E-06	2.40E-10	8.37E-11	1.48E-06	2.33E-10	8.13E-11
1456	495411.06, 3858451.99	1.53E-06	2.41E-10	8.40E-11	1.51E-06	2.38E-10	8.29E-11	1.47E-06	2.31E-10	8.05E-11
1457	495461.06, 3858451.99	1.52E-06	2.39E-10	8.33E-11	1.50E-06	2.36E-10	8.22E-11	1.45E-06	2.29E-10	7.98E-11
1458	495511.06, 3858451.99	1.49E-06	2.35E-10	8.20E-11	1.47E-06	2.32E-10	8.09E-11	1.43E-06	2.26E-10	7.86E-11
1459	495561.06, 3858451.99	1.49E-06	2.34E-10	8.17E-11	1.47E-06	2.31E-10	8.06E-11	1.43E-06	2.25E-10	7.83E-11
1460	495611.06, 3858451.99	1.46E-06	2.30E-10	8.02E-11	1.44E-06	2.27E-10	7.92E-11	1.40E-06	2.21E-10	7.69E-11
1461	495661.06, 3858451.99	1.45E-06	2.29E-10	7.97E-11	1.43E-06	2.26E-10	7.86E-11	1.39E-06	2.19E-10	7.64E-11
1462	494311.06, 3858501.99	2.32E-06	3.66E-10	1.28E-10	2.29E-06	3.61E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
1463	494361.06, 3858501.99	2.29E-06	3.60E-10	1.25E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
1464	494411.06, 3858501.99	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
1465	494461.06, 3858501.99	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
1466	494511.06, 3858501.99	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10

1467	494561.06, 3858501.99	2.16E-06	3.40E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
1468	494611.06, 3858501.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
1469	494661.06, 3858501.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
1470	494711.06, 3858501.99	2.04E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.07E-10
1471	494761.06, 3858501.99	2.00E-06	3.14E-10	1.10E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
1472	494811.06, 3858501.99	1.95E-06	3.07E-10	1.07E-10	1.93E-06	3.03E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
1473	494861.06, 3858501.99	1.92E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1474	494911.06, 3858501.99	1.86E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.81E-10	9.80E-11
1475	494961.06, 3858501.99	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.85E-10	9.92E-11	1.75E-06	2.76E-10	9.63E-11
1476	495011.06, 3858501.99	1.78E-06	2.81E-10	9.79E-11	1.76E-06	2.77E-10	9.67E-11	1.71E-06	2.69E-10	9.39E-11
1477	495061.06, 3858501.99	1.76E-06	2.77E-10	9.66E-11	1.74E-06	2.74E-10	9.53E-11	1.69E-06	2.66E-10	9.26E-11
1478	495111.06, 3858501.99	1.71E-06	2.69E-10	9.36E-11	1.68E-06	2.65E-10	9.24E-11	1.63E-06	2.58E-10	8.97E-11
1479	495161.06, 3858501.99	1.67E-06	2.63E-10	9.16E-11	1.65E-06	2.59E-10	9.04E-11	1.60E-06	2.52E-10	8.78E-11
1480	495211.06, 3858501.99	1.63E-06	2.57E-10	8.96E-11	1.61E-06	2.54E-10	8.85E-11	1.57E-06	2.47E-10	8.59E-11
1481	495261.06, 3858501.99	1.61E-06	2.53E-10	8.81E-11	1.58E-06	2.50E-10	8.70E-11	1.54E-06	2.42E-10	8.44E-11
1482	495311.06, 3858501.99	1.59E-06	2.50E-10	8.70E-11	1.57E-06	2.47E-10	8.59E-11	1.52E-06	2.39E-10	8.34E-11
1483	495361.06, 3858501.99	1.57E-06	2.47E-10	8.60E-11	1.55E-06	2.44E-10	8.49E-11	1.50E-06	2.37E-10	8.24E-11
1484	495411.06, 3858501.99	1.55E-06	2.44E-10	8.52E-11	1.53E-06	2.41E-10	8.41E-11	1.49E-06	2.34E-10	8.16E-11
1485	495461.06, 3858501.99	1.54E-06	2.42E-10	8.44E-11	1.52E-06	2.39E-10	8.33E-11	1.47E-06	2.32E-10	8.08E-11
1486	495511.06, 3858501.99	1.52E-06	2.39E-10	8.34E-11	1.50E-06	2.36E-10	8.23E-11	1.46E-06	2.29E-10	7.99E-11
1487	495561.06, 3858501.99	1.51E-06	2.38E-10	8.30E-11	1.49E-06	2.35E-10	8.19E-11	1.45E-06	2.28E-10	7.95E-11
1488	495611.06, 3858501.99	1.49E-06	2.35E-10	8.17E-11	1.47E-06	2.32E-10	8.07E-11	1.43E-06	2.25E-10	7.83E-11
1489	495661.06, 3858501.99	1.48E-06	2.33E-10	8.11E-11	1.46E-06	2.30E-10	8.01E-11	1.42E-06	2.23E-10	7.77E-11
1490	494311.06, 3858551.99	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.20E-10
1491	494361.06, 3858551.99	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.20E-10
1492	494411.06, 3858551.99	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.20E-10
1493	494461.06, 3858551.99	2.25E-06	3.55E-10	1.24E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.18E-10
1494	494511.06, 3858551.99	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
1495	494561.06, 3858551.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
1496	494611.06, 3858551.99	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.26E-10	1.13E-10
1497	494661.06, 3858551.99	2.12E-06	3.35E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
1498	494711.06, 3858551.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
1499	494761.06, 3858551.99	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.07E-10
1500	494811.06, 3858551.99	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
1501	494861.06, 3858551.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
1502	494911.06, 3858551.99	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.03E-10	1.82E-06	2.86E-10	9.96E-11
1503	494961.06, 3858551.99	1.85E-06	2.92E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.78E-06	2.80E-10	9.75E-11
1504	495011.06, 3858551.99	1.80E-06	2.84E-10	9.91E-11	1.78E-06	2.81E-10	9.78E-11	1.73E-06	2.73E-10	9.49E-11
1505	495061.06, 3858551.99	1.77E-06	2.79E-10	9.73E-11	1.75E-06	2.76E-10	9.60E-11	1.70E-06	2.68E-10	9.32E-11
1506	495111.06, 3858551.99	1.72E-06	2.71E-10	9.43E-11	1.70E-06	2.67E-10	9.31E-11	1.65E-06	2.60E-10	9.04E-11
1507	495161.06, 3858551.99	1.68E-06	2.65E-10	9.23E-11	1.66E-06	2.61E-10	9.11E-11	1.61E-06	2.54E-10	8.84E-11
1508	495211.06, 3858551.99	1.65E-06	2.60E-10	9.04E-11	1.63E-06	2.56E-10	8.93E-11	1.58E-06	2.49E-10	8.67E-11
1509	495261.06, 3858551.99	1.62E-06	2.56E-10	8.90E-11	1.60E-06	2.52E-10	8.79E-11	1.55E-06	2.45E-10	8.53E-11
1510	495311.06, 3858551.99	1.61E-06	2.53E-10	8.81E-11	1.58E-06	2.50E-10	8.70E-11	1.54E-06	2.42E-10	8.45E-11
1511	495361.06, 3858551.99	1.59E-06	2.50E-10	8.71E-11	1.57E-06	2.47E-10	8.60E-11	1.52E-06	2.40E-10	8.35E-11
1512	495411.06, 3858551.99	1.57E-06	2.48E-10	8.64E-11	1.55E-06	2.45E-10	8.53E-11	1.51E-06	2.38E-10	8.28E-11
1513	495461.06, 3858551.99	1.56E-06	2.45E-10	8.55E-11	1.54E-06	2.42E-10	8.44E-11	1.49E-06	2.35E-10	8.20E-11
1514	495511.06, 3858551.99	1.55E-06	2.44E-10	8.49E-11	1.53E-06	2.40E-10	8.38E-11	1.48E-06	2.33E-10	8.13E-11
1515	495561.06, 3858551.99	1.53E-06	2.41E-10	8.40E-11	1.51E-06	2.38E-10	8.29E-11	1.47E-06	2.31E-10	8.05E-11
1516	495611.06, 3858551.99	1.51E-06	2.38E-10	8.30E-11	1.49E-06	2.35E-10	8.19E-11	1.45E-06	2.28E-10	7.96E-11
1517	495661.06, 3858551.99	1.49E-06	2.35E-10	8.20E-11	1.47E-06	2.32E-10	8.09E-11	1.43E-06	2.26E-10	7.86E-11
1518	494311.06, 3858601.99	2.15E-06	3.38E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.24E-10	1.13E-10
1519	494361.06, 3858601.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.21E-10	2.15E-06	3.39E-10	1.18E-10
1520	494411.06, 3858601.99	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.22E-06	3.49E-10	1.22E-10
1521	494461.06, 3858601.99	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.46E-10	1.20E-10
1522	494511.06, 3858601.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
1523	494561.06, 3858601.99	2.23E-06	3.52E-10	1.23E-10	2.21E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.18E-10
1524	494611.06, 3858601.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
1525	494661.06, 3858601.99	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.25E-10	1.13E-10
1526	494711.06, 3858601.99	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
1527	494761.06, 3858601.99	2.06E-06	3.25E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
1528	494811.06, 3858601.99	2.00E-06	3.15E-10	1.10E-10	1.98E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
1529	494861.06, 3858601.99	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.06E-10	1.88E-06	2.97E-10	1.03E-10
1530	494911.06, 3858601.99	1.91E-06	3.01E-10	1.05E-10	1.88E-06	2.97E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
1531	494961.06, 3858601.99	1.87E-06	2.94E-10	1.03E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.82E-10	9.83E-11
1532	495011.06, 3858601.99	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.89E-11	1.75E-06	2.76E-10	9.61E-11
1533	495061.06, 3858601.99	1.78E-06	2.81E-10	9.79E-11	1.76E-06	2.77E-10	9.66E-11	1.71E-06	2.69E-10	9.38E-11
1534	495111.06, 3858601.99	1.73E-06	2.72E-10	9.48E-11	1.70E-06	2.69E-10	9.36E-11	1.66E-06	2.61E-10	9.09E-11
1535	495161.06, 3858601.99	1.69E-06	2.67E-10	9.29E-11	1.67E-06	2.63E-10	9.17E-11	1.62E-06	2.56E-10	8.91E-11
1536	495211.06, 3858601.99	1.67E-06	2.63E-10	9.16E-11	1.65E-06	2.59E-10	9.04E-11	1.60E-06	2.52E-10	8.78E-11

1537	495261.06, 3858601.99	1.64E-06	2.59E-10	9.01E-11	1.62E-06	2.55E-10	8.90E-11	1.57E-06	2.48E-10	8.64E-11
1538	495311.06, 3858601.99	1.62E-06	2.55E-10	8.90E-11	1.60E-06	2.52E-10	8.78E-11	1.55E-06	2.45E-10	8.53E-11
1539	495361.06, 3858601.99	1.61E-06	2.53E-10	8.81E-11	1.58E-06	2.50E-10	8.70E-11	1.54E-06	2.42E-10	8.44E-11
1540	495411.06, 3858601.99	1.59E-06	2.51E-10	8.73E-11	1.57E-06	2.47E-10	8.61E-11	1.52E-06	2.40E-10	8.36E-11
1541	495461.06, 3858601.99	1.58E-06	2.48E-10	8.65E-11	1.56E-06	2.45E-10	8.54E-11	1.51E-06	2.38E-10	8.29E-11
1542	495511.06, 3858601.99	1.56E-06	2.45E-10	8.54E-11	1.54E-06	2.42E-10	8.43E-11	1.49E-06	2.35E-10	8.18E-11
1543	495561.06, 3858601.99	1.55E-06	2.44E-10	8.48E-11	1.53E-06	2.40E-10	8.37E-11	1.48E-06	2.33E-10	8.13E-11
1544	495611.06, 3858601.99	1.52E-06	2.40E-10	8.36E-11	1.50E-06	2.37E-10	8.25E-11	1.46E-06	2.30E-10	8.01E-11
1545	495661.06, 3858601.99	1.51E-06	2.38E-10	8.29E-11	1.49E-06	2.35E-10	8.18E-11	1.45E-06	2.28E-10	7.95E-11
1546	494311.06, 3858651.99	2.11E-06	3.33E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
1547	494361.06, 3858651.99	2.20E-06	3.47E-10	1.21E-10	2.18E-06	3.43E-10	1.19E-10	2.11E-06	3.33E-10	1.16E-10
1548	494411.06, 3858651.99	2.32E-06	3.65E-10	1.27E-10	2.29E-06	3.61E-10	1.26E-10	2.22E-06	3.50E-10	1.22E-10
1549	494461.06, 3858651.99	2.32E-06	3.65E-10	1.27E-10	2.29E-06	3.60E-10	1.26E-10	2.22E-06	3.50E-10	1.22E-10
1550	494511.06, 3858651.99	2.29E-06	3.60E-10	1.25E-10	2.26E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
1551	494561.06, 3858651.99	2.26E-06	3.56E-10	1.24E-10	2.23E-06	3.51E-10	1.22E-10	2.17E-06	3.41E-10	1.19E-10
1552	494611.06, 3858651.99	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.17E-10
1553	494661.06, 3858651.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.10E-06	3.30E-10	1.15E-10
1554	494711.06, 3858651.99	2.14E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.22E-10	1.12E-10
1555	494761.06, 3858651.99	2.09E-06	3.30E-10	1.15E-10	2.07E-06	3.25E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
1556	494811.06, 3858651.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
1557	494861.06, 3858651.99	1.98E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.90E-06	3.00E-10	1.04E-10
1558	494911.06, 3858651.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.05E-10	1.85E-06	2.91E-10	1.02E-10
1559	494961.06, 3858651.99	1.88E-06	2.96E-10	1.03E-10	1.86E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.89E-11
1560	495011.06, 3858651.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.69E-11
1561	495061.06, 3858651.99	1.80E-06	2.83E-10	9.87E-11	1.77E-06	2.80E-10	9.74E-11	1.72E-06	2.72E-10	9.46E-11
1562	495111.06, 3858651.99	1.75E-06	2.76E-10	9.61E-11	1.73E-06	2.72E-10	9.48E-11	1.68E-06	2.64E-10	9.21E-11
1563	495161.06, 3858651.99	1.72E-06	2.71E-10	9.43E-11	1.70E-06	2.67E-10	9.30E-11	1.65E-06	2.59E-10	9.03E-11
1564	495211.06, 3858651.99	1.68E-06	2.65E-10	9.23E-11	1.66E-06	2.61E-10	9.11E-11	1.61E-06	2.54E-10	8.84E-11
1565	495261.06, 3858651.99	1.66E-06	2.62E-10	9.14E-11	1.64E-06	2.59E-10	9.02E-11	1.60E-06	2.51E-10	8.76E-11
1566	495311.06, 3858651.99	1.64E-06	2.59E-10	9.02E-11	1.62E-06	2.55E-10	8.90E-11	1.57E-06	2.48E-10	8.64E-11
1567	495361.06, 3858651.99	1.63E-06	2.56E-10	8.93E-11	1.61E-06	2.53E-10	8.81E-11	1.56E-06	2.46E-10	8.56E-11
1568	495411.06, 3858651.99	1.61E-06	2.54E-10	8.86E-11	1.59E-06	2.51E-10	8.74E-11	1.55E-06	2.44E-10	8.49E-11
1569	495461.06, 3858651.99	1.60E-06	2.53E-10	8.81E-11	1.58E-06	2.50E-10	8.69E-11	1.54E-06	2.42E-10	8.44E-11
1570	495511.06, 3858651.99	1.58E-06	2.49E-10	8.68E-11	1.56E-06	2.46E-10	8.57E-11	1.52E-06	2.39E-10	8.32E-11
1571	495561.06, 3858651.99	1.56E-06	2.46E-10	8.58E-11	1.54E-06	2.43E-10	8.46E-11	1.50E-06	2.36E-10	8.22E-11
1572	495611.06, 3858651.99	1.54E-06	2.42E-10	8.44E-11	1.52E-06	2.39E-10	8.33E-11	1.47E-06	2.32E-10	8.08E-11
1573	495661.06, 3858651.99	1.52E-06	2.40E-10	8.37E-11	1.50E-06	2.37E-10	8.26E-11	1.46E-06	2.30E-10	8.02E-11
1574	494311.06, 3858701.99	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
1575	494361.06, 3858701.99	2.27E-06	3.57E-10	1.24E-10	2.24E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
1576	494411.06, 3858701.99	2.34E-06	3.69E-10	1.29E-10	2.31E-06	3.65E-10	1.27E-10	2.25E-06	3.54E-10	1.23E-10
1577	494461.06, 3858701.99	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.52E-10	1.23E-10
1578	494511.06, 3858701.99	2.32E-06	3.65E-10	1.27E-10	2.29E-06	3.60E-10	1.25E-10	2.22E-06	3.50E-10	1.22E-10
1579	494561.06, 3858701.99	2.28E-06	3.60E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
1580	494611.06, 3858701.99	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
1581	494661.06, 3858701.99	2.21E-06	3.48E-10	1.21E-10	2.18E-06	3.43E-10	1.20E-10	2.11E-06	3.33E-10	1.16E-10
1582	494711.06, 3858701.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.16E-10	1.10E-10
1583	494761.06, 3858701.99	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.27E-10	1.14E-10	2.01E-06	3.17E-10	1.10E-10
1584	494811.06, 3858701.99	2.04E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.08E-10	1.07E-10
1585	494861.06, 3858701.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
1586	494911.06, 3858701.99	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
1587	494961.06, 3858701.99	1.89E-06	2.97E-10	1.03E-10	1.86E-06	2.93E-10	1.02E-10	1.81E-06	2.85E-10	9.92E-11
1588	495011.06, 3858701.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.96E-11	1.76E-06	2.78E-10	9.68E-11
1589	495061.06, 3858701.99	1.81E-06	2.86E-10	9.96E-11	1.79E-06	2.82E-10	9.83E-11	1.74E-06	2.74E-10	9.54E-11
1590	495111.06, 3858701.99	1.76E-06	2.78E-10	9.68E-11	1.74E-06	2.74E-10	9.55E-11	1.69E-06	2.66E-10	9.27E-11
1591	495161.06, 3858701.99	1.73E-06	2.73E-10	9.52E-11	1.71E-06	2.70E-10	9.39E-11	1.66E-06	2.62E-10	9.12E-11
1592	495211.06, 3858701.99	1.70E-06	2.67E-10	9.32E-11	1.68E-06	2.64E-10	9.20E-11	1.63E-06	2.56E-10	8.93E-11
1593	495261.06, 3858701.99	1.68E-06	2.65E-10	9.24E-11	1.66E-06	2.62E-10	9.11E-11	1.61E-06	2.54E-10	8.85E-11
1594	495311.06, 3858701.99	1.67E-06	2.63E-10	9.16E-11	1.65E-06	2.59E-10	9.04E-11	1.60E-06	2.52E-10	8.78E-11
1595	495361.06, 3858701.99	1.65E-06	2.60E-10	9.05E-11	1.63E-06	2.56E-10	8.93E-11	1.58E-06	2.49E-10	8.68E-11
1596	495411.06, 3858701.99	1.64E-06	2.58E-10	9.00E-11	1.62E-06	2.55E-10	8.88E-11	1.57E-06	2.48E-10	8.62E-11
1597	495461.06, 3858701.99	1.62E-06	2.56E-10	8.91E-11	1.60E-06	2.52E-10	8.79E-11	1.56E-06	2.45E-10	8.54E-11
1598	495511.06, 3858701.99	1.60E-06	2.53E-10	8.80E-11	1.58E-06	2.49E-10	8.69E-11	1.54E-06	2.42E-10	8.44E-11
1599	495561.06, 3858701.99	1.58E-06	2.49E-10	8.68E-11	1.56E-06	2.46E-10	8.56E-11	1.52E-06	2.39E-10	8.32E-11
1600	495611.06, 3858701.99	1.56E-06	2.46E-10	8.55E-11	1.54E-06	2.42E-10	8.44E-11	1.49E-06	2.35E-10	8.20E-11
1601	495661.06, 3858701.99	1.54E-06	2.43E-10	8.46E-11	1.52E-06	2.40E-10	8.35E-11	1.48E-06	2.33E-10	8.11E-11
1602	494311.06, 3858751.99	2.14E-06	3.38E-10	1.18E-10	2.12E-06	3.33E-10	1.16E-10	2.05E-06	3.24E-10	1.13E-10
1603	494361.06, 3858751.99	2.32E-06	3.65E-10	1.27E-10	2.29E-06	3.61E-10	1.26E-10	2.22E-06	3.50E-10	1.22E-10
1604	494411.06, 3858751.99	2.38E-06	3.75E-10	1.31E-10	2.35E-06	3.70E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
1605	494461.06, 3858751.99	2.36E-06	3.73E-10	1.30E-10	2.33E-06	3.68E-10	1.28E-10	2.27E-06	3.57E-10	1.24E-10
1606	494511.06, 3858751.99	2.36E-06	3.71E-10	1.29E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10

1607	494561.06, 3858751.99	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
1608	494611.06, 3858751.99	2.25E-06	3.55E-10	1.24E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.18E-10
1609	494661.06, 3858751.99	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
1610	494711.06, 3858751.99	2.15E-06	3.39E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.25E-10	1.13E-10
1611	494761.06, 3858751.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.30E-10	1.15E-10	2.03E-06	3.20E-10	1.12E-10
1612	494811.06, 3858751.99	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.12E-10	1.97E-06	3.11E-10	1.08E-10
1613	494861.06, 3858751.99	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.92E-06	3.03E-10	1.05E-10
1614	494911.06, 3858751.99	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.06E-10	1.87E-06	2.94E-10	1.02E-10
1615	494961.06, 3858751.99	1.91E-06	3.00E-10	1.05E-10	1.88E-06	2.96E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
1616	495011.06, 3858751.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.80E-06	2.83E-10	9.85E-11
1617	495061.06, 3858751.99	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.85E-10	9.92E-11	1.75E-06	2.76E-10	9.63E-11
1618	495111.06, 3858751.99	1.78E-06	2.81E-10	9.79E-11	1.76E-06	2.77E-10	9.66E-11	1.71E-06	2.69E-10	9.38E-11
1619	495161.06, 3858751.99	1.75E-06	2.76E-10	9.62E-11	1.73E-06	2.72E-10	9.49E-11	1.68E-06	2.65E-10	9.22E-11
1620	495211.06, 3858751.99	1.72E-06	2.70E-10	9.42E-11	1.69E-06	2.67E-10	9.30E-11	1.64E-06	2.59E-10	9.03E-11
1621	495261.06, 3858751.99	1.70E-06	2.68E-10	9.33E-11	1.68E-06	2.64E-10	9.21E-11	1.63E-06	2.57E-10	8.94E-11
1622	495311.06, 3858751.99	1.69E-06	2.66E-10	9.25E-11	1.66E-06	2.62E-10	9.13E-11	1.62E-06	2.55E-10	8.87E-11
1623	495361.06, 3858751.99	1.67E-06	2.63E-10	9.15E-11	1.65E-06	2.59E-10	9.03E-11	1.60E-06	2.52E-10	8.77E-11
1624	495411.06, 3858751.99	1.66E-06	2.62E-10	9.11E-11	1.64E-06	2.58E-10	8.99E-11	1.59E-06	2.51E-10	8.73E-11
1625	495461.06, 3858751.99	1.64E-06	2.59E-10	9.03E-11	1.62E-06	2.56E-10	8.91E-11	1.58E-06	2.48E-10	8.65E-11
1626	495511.06, 3858751.99	1.62E-06	2.56E-10	8.91E-11	1.60E-06	2.53E-10	8.80E-11	1.56E-06	2.45E-10	8.54E-11
1627	495561.06, 3858751.99	1.60E-06	2.52E-10	8.79E-11	1.58E-06	2.49E-10	8.68E-11	1.54E-06	2.42E-10	8.43E-11
1628	495611.06, 3858751.99	1.58E-06	2.49E-10	8.67E-11	1.56E-06	2.46E-10	8.56E-11	1.51E-06	2.39E-10	8.31E-11
1629	495661.06, 3858751.99	1.56E-06	2.46E-10	8.57E-11	1.54E-06	2.43E-10	8.46E-11	1.50E-06	2.36E-10	8.22E-11
1630	494311.06, 3858801.99	2.21E-06	3.49E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
1631	494361.06, 3858801.99	2.36E-06	3.72E-10	1.30E-10	2.33E-06	3.67E-10	1.28E-10	2.27E-06	3.57E-10	1.24E-10
1632	494411.06, 3858801.99	2.39E-06	3.76E-10	1.31E-10	2.36E-06	3.72E-10	1.29E-10	2.29E-06	3.61E-10	1.26E-10
1633	494461.06, 3858801.99	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
1634	494511.06, 3858801.99	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.29E-06	3.61E-10	1.26E-10
1635	494561.06, 3858801.99	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.57E-10	1.24E-10
1636	494611.06, 3858801.99	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
1637	494661.06, 3858801.99	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.19E-10
1638	494711.06, 3858801.99	2.21E-06	3.47E-10	1.21E-10	2.18E-06	3.43E-10	1.19E-10	2.11E-06	3.33E-10	1.16E-10
1639	494761.06, 3858801.99	2.13E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.22E-10	1.12E-10
1640	494811.06, 3858801.99	2.06E-06	3.25E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
1641	494861.06, 3858801.99	2.02E-06	3.19E-10	1.11E-10	2.00E-06	3.14E-10	1.10E-10	1.94E-06	3.05E-10	1.06E-10
1642	494911.06, 3858801.99	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.88E-06	2.97E-10	1.03E-10
1643	494961.06, 3858801.99	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1644	495011.06, 3858801.99	1.88E-06	2.96E-10	1.03E-10	1.86E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.89E-11
1645	495061.06, 3858801.99	1.85E-06	2.91E-10	1.01E-10	1.83E-06	2.88E-10	1.00E-10	1.77E-06	2.79E-10	9.73E-11
1646	495111.06, 3858801.99	1.80E-06	2.83E-10	9.86E-11	1.77E-06	2.79E-10	9.73E-11	1.72E-06	2.71E-10	9.45E-11
1647	495161.06, 3858801.99	1.76E-06	2.77E-10	9.64E-11	1.73E-06	2.73E-10	9.52E-11	1.68E-06	2.65E-10	9.24E-11
1648	495211.06, 3858801.99	1.73E-06	2.73E-10	9.51E-11	1.71E-06	2.69E-10	9.39E-11	1.66E-06	2.62E-10	9.11E-11
1649	495261.06, 3858801.99	1.72E-06	2.71E-10	9.43E-11	1.69E-06	2.67E-10	9.30E-11	1.65E-06	2.59E-10	9.03E-11
1650	495311.06, 3858801.99	1.71E-06	2.69E-10	9.36E-11	1.68E-06	2.65E-10	9.24E-11	1.63E-06	2.57E-10	8.97E-11
1651	495361.06, 3858801.99	1.69E-06	2.66E-10	9.27E-11	1.67E-06	2.63E-10	9.15E-11	1.62E-06	2.55E-10	8.88E-11
1652	495411.06, 3858801.99	1.69E-06	2.66E-10	9.25E-11	1.66E-06	2.62E-10	9.13E-11	1.62E-06	2.55E-10	8.87E-11
1653	495461.06, 3858801.99	1.67E-06	2.63E-10	9.15E-11	1.65E-06	2.59E-10	9.03E-11	1.60E-06	2.52E-10	8.77E-11
1654	495511.06, 3858801.99	1.65E-06	2.59E-10	9.03E-11	1.62E-06	2.56E-10	8.91E-11	1.58E-06	2.48E-10	8.65E-11
1655	495561.06, 3858801.99	1.63E-06	2.56E-10	8.92E-11	1.60E-06	2.53E-10	8.81E-11	1.56E-06	2.45E-10	8.55E-11
1656	495611.06, 3858801.99	1.60E-06	2.52E-10	8.78E-11	1.58E-06	2.49E-10	8.66E-11	1.53E-06	2.41E-10	8.41E-11
1657	495661.06, 3858801.99	1.58E-06	2.50E-10	8.69E-11	1.56E-06	2.46E-10	8.58E-11	1.52E-06	2.39E-10	8.33E-11
1658	494311.06, 3858851.99	2.38E-06	3.75E-10	1.31E-10	2.35E-06	3.70E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
1659	494361.06, 3858851.99	2.47E-06	3.89E-10	1.35E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
1660	494411.06, 3858851.99	2.45E-06	3.85E-10	1.34E-10	2.41E-06	3.80E-10	1.32E-10	2.34E-06	3.69E-10	1.29E-10
1661	494461.06, 3858851.99	2.44E-06	3.84E-10	1.34E-10	2.41E-06	3.79E-10	1.32E-10	2.34E-06	3.68E-10	1.28E-10
1662	494511.06, 3858851.99	2.42E-06	3.82E-10	1.33E-10	2.39E-06	3.77E-10	1.31E-10	2.32E-06	3.66E-10	1.27E-10
1663	494561.06, 3858851.99	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.29E-06	3.61E-10	1.26E-10
1664	494611.06, 3858851.99	2.34E-06	3.69E-10	1.29E-10	2.31E-06	3.64E-10	1.27E-10	2.25E-06	3.54E-10	1.23E-10
1665	494661.06, 3858851.99	2.29E-06	3.60E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
1666	494711.06, 3858851.99	2.21E-06	3.49E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
1667	494761.06, 3858851.99	2.14E-06	3.38E-10	1.18E-10	2.12E-06	3.33E-10	1.16E-10	2.05E-06	3.24E-10	1.13E-10
1668	494811.06, 3858851.99	2.09E-06	3.29E-10	1.14E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
1669	494861.06, 3858851.99	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
1670	494911.06, 3858851.99	1.99E-06	3.14E-10	1.09E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
1671	494961.06, 3858851.99	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.06E-10	1.87E-06	2.94E-10	1.02E-10
1672	495011.06, 3858851.99	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
1673	495061.06, 3858851.99	1.87E-06	2.94E-10	1.03E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.82E-10	9.83E-11
1674	495111.06, 3858851.99	1.80E-06	2.83E-10	9.88E-11	1.78E-06	2.80E-10	9.75E-11	1.72E-06	2.72E-10	9.47E-11
1675	495161.06, 3858851.99	1.76E-06	2.77E-10	9.66E-11	1.74E-06	2.74E-10	9.54E-11	1.69E-06	2.66E-10	9.26E-11
1676	495211.06, 3858851.99	1.75E-06	2.76E-10	9.63E-11	1.73E-06	2.73E-10	9.50E-11	1.68E-06	2.65E-10	9.23E-11

1677	495261.06, 3858851.99	1.74E-06	2.74E-10	9.54E-11	1.72E-06	2.70E-10	9.42E-11	1.67E-06	2.62E-10	9.14E-11
1678	495311.06, 3858851.99	1.73E-06	2.72E-10	9.49E-11	1.71E-06	2.69E-10	9.37E-11	1.66E-06	2.61E-10	9.09E-11
1679	495361.06, 3858851.99	1.72E-06	2.70E-10	9.41E-11	1.69E-06	2.67E-10	9.29E-11	1.64E-06	2.59E-10	9.02E-11
1680	495411.06, 3858851.99	1.70E-06	2.68E-10	9.34E-11	1.68E-06	2.65E-10	9.22E-11	1.63E-06	2.57E-10	8.95E-11
1681	495461.06, 3858851.99	1.69E-06	2.66E-10	9.28E-11	1.67E-06	2.63E-10	9.16E-11	1.62E-06	2.55E-10	8.89E-11
1682	495511.06, 3858851.99	1.67E-06	2.63E-10	9.16E-11	1.65E-06	2.60E-10	9.05E-11	1.60E-06	2.52E-10	8.78E-11
1683	495561.06, 3858851.99	1.64E-06	2.58E-10	9.00E-11	1.62E-06	2.55E-10	8.88E-11	1.57E-06	2.47E-10	8.62E-11
1684	495611.06, 3858851.99	1.61E-06	2.54E-10	8.84E-11	1.59E-06	2.51E-10	8.73E-11	1.54E-06	2.43E-10	8.48E-11
1685	495661.06, 3858851.99	1.60E-06	2.52E-10	8.78E-11	1.58E-06	2.49E-10	8.67E-11	1.53E-06	2.42E-10	8.42E-11
1686	494311.06, 3858901.99	2.45E-06	3.85E-10	1.34E-10	2.41E-06	3.80E-10	1.33E-10	2.34E-06	3.69E-10	1.29E-10
1687	494361.06, 3858901.99	2.51E-06	3.96E-10	1.38E-10	2.48E-06	3.90E-10	1.36E-10	2.41E-06	3.79E-10	1.32E-10
1688	494411.06, 3858901.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.36E-10	2.40E-06	3.78E-10	1.32E-10
1689	494461.06, 3858901.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.35E-10	2.40E-06	3.77E-10	1.32E-10
1690	494511.06, 3858901.99	2.48E-06	3.91E-10	1.36E-10	2.45E-06	3.86E-10	1.34E-10	2.38E-06	3.75E-10	1.31E-10
1691	494561.06, 3858901.99	2.43E-06	3.83E-10	1.34E-10	2.40E-06	3.78E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
1692	494611.06, 3858901.99	2.35E-06	3.71E-10	1.29E-10	2.32E-06	3.66E-10	1.27E-10	2.26E-06	3.55E-10	1.24E-10
1693	494661.06, 3858901.99	2.31E-06	3.63E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
1694	494711.06, 3858901.99	2.24E-06	3.52E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.14E-06	3.38E-10	1.18E-10
1695	494761.06, 3858901.99	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
1696	494811.06, 3858901.99	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
1697	494861.06, 3858901.99	2.07E-06	3.27E-10	1.14E-10	2.05E-06	3.22E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
1698	494911.06, 3858901.99	2.00E-06	3.15E-10	1.10E-10	1.98E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
1699	494961.06, 3858901.99	1.96E-06	3.09E-10	1.08E-10	1.93E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
1700	495011.06, 3858901.99	1.92E-06	3.03E-10	1.05E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1701	495061.06, 3858901.99	1.87E-06	2.94E-10	1.03E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.82E-10	9.83E-11
1702	495111.06, 3858901.99	1.80E-06	2.83E-10	9.87E-11	1.77E-06	2.80E-10	9.74E-11	1.72E-06	2.72E-10	9.46E-11
1703	495161.06, 3858901.99	1.77E-06	2.79E-10	9.73E-11	1.75E-06	2.76E-10	9.60E-11	1.70E-06	2.68E-10	9.32E-11
1704	495211.06, 3858901.99	1.78E-06	2.80E-10	9.75E-11	1.75E-06	2.76E-10	9.62E-11	1.70E-06	2.68E-10	9.34E-11
1705	495261.06, 3858901.99	1.77E-06	2.78E-10	9.69E-11	1.74E-06	2.74E-10	9.56E-11	1.69E-06	2.66E-10	9.28E-11
1706	495311.06, 3858901.99	1.75E-06	2.75E-10	9.60E-11	1.73E-06	2.72E-10	9.47E-11	1.68E-06	2.64E-10	9.20E-11
1707	495361.06, 3858901.99	1.73E-06	2.73E-10	9.52E-11	1.71E-06	2.70E-10	9.39E-11	1.66E-06	2.62E-10	9.12E-11
1708	495411.06, 3858901.99	1.73E-06	2.72E-10	9.48E-11	1.71E-06	2.69E-10	9.36E-11	1.66E-06	2.61E-10	9.09E-11
1709	495461.06, 3858901.99	1.71E-06	2.69E-10	9.38E-11	1.69E-06	2.66E-10	9.26E-11	1.64E-06	2.58E-10	8.99E-11
1710	495511.06, 3858901.99	1.68E-06	2.65E-10	9.23E-11	1.66E-06	2.62E-10	9.11E-11	1.61E-06	2.54E-10	8.85E-11
1711	495561.06, 3858901.99	1.66E-06	2.62E-10	9.11E-11	1.64E-06	2.58E-10	8.99E-11	1.59E-06	2.51E-10	8.73E-11
1712	495611.06, 3858901.99	1.63E-06	2.57E-10	8.96E-11	1.61E-06	2.54E-10	8.84E-11	1.56E-06	2.46E-10	8.59E-11
1713	495661.06, 3858901.99	1.62E-06	2.56E-10	8.91E-11	1.60E-06	2.52E-10	8.80E-11	1.56E-06	2.45E-10	8.54E-11
1714	494311.06, 3858951.99	2.56E-06	4.04E-10	1.41E-10	2.53E-06	3.98E-10	1.39E-10	2.46E-06	3.87E-10	1.35E-10
1715	494361.06, 3858951.99	2.58E-06	4.07E-10	1.42E-10	2.55E-06	4.01E-10	1.40E-10	2.47E-06	3.90E-10	1.36E-10
1716	494411.06, 3858951.99	2.54E-06	4.00E-10	1.39E-10	2.51E-06	3.95E-10	1.38E-10	2.44E-06	3.84E-10	1.34E-10
1717	494461.06, 3858951.99	2.54E-06	4.00E-10	1.39E-10	2.51E-06	3.95E-10	1.38E-10	2.44E-06	3.84E-10	1.34E-10
1718	494511.06, 3858951.99	2.51E-06	3.95E-10	1.38E-10	2.48E-06	3.90E-10	1.36E-10	2.41E-06	3.79E-10	1.32E-10
1719	494561.06, 3858951.99	2.46E-06	3.88E-10	1.35E-10	2.43E-06	3.83E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10
1720	494611.06, 3858951.99	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.29E-06	3.61E-10	1.26E-10
1721	494661.06, 3858951.99	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.52E-10	1.23E-10
1722	494711.06, 3858951.99	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
1723	494761.06, 3858951.99	2.19E-06	3.44E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.10E-06	3.30E-10	1.15E-10
1724	494811.06, 3858951.99	2.14E-06	3.38E-10	1.18E-10	2.11E-06	3.33E-10	1.16E-10	2.05E-06	3.23E-10	1.13E-10
1725	494861.06, 3858951.99	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.26E-10	1.14E-10	2.01E-06	3.17E-10	1.10E-10
1726	494911.06, 3858951.99	2.04E-06	3.22E-10	1.12E-10	2.02E-06	3.17E-10	1.11E-10	1.96E-06	3.08E-10	1.07E-10
1727	494961.06, 3858951.99	2.01E-06	3.17E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.93E-06	3.03E-10	1.06E-10
1728	495011.06, 3858951.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
1729	495061.06, 3858951.99	1.85E-06	2.92E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.78E-06	2.80E-10	9.75E-11
1730	495111.06, 3858951.99	1.80E-06	2.83E-10	9.87E-11	1.78E-06	2.80E-10	9.74E-11	1.72E-06	2.72E-10	9.46E-11
1731	495161.06, 3858951.99	1.81E-06	2.85E-10	9.94E-11	1.79E-06	2.82E-10	9.81E-11	1.74E-06	2.74E-10	9.53E-11
1732	495211.06, 3858951.99	1.80E-06	2.84E-10	9.89E-11	1.78E-06	2.80E-10	9.76E-11	1.73E-06	2.72E-10	9.48E-11
1733	495261.06, 3858951.99	1.79E-06	2.82E-10	9.83E-11	1.77E-06	2.78E-10	9.70E-11	1.72E-06	2.70E-10	9.42E-11
1734	495311.06, 3858951.99	1.76E-06	2.77E-10	9.66E-11	1.74E-06	2.74E-10	9.54E-11	1.69E-06	2.66E-10	9.26E-11
1735	495361.06, 3858951.99	1.75E-06	2.76E-10	9.62E-11	1.73E-06	2.73E-10	9.49E-11	1.68E-06	2.65E-10	9.22E-11
1736	495411.06, 3858951.99	1.75E-06	2.75E-10	9.60E-11	1.73E-06	2.72E-10	9.47E-11	1.68E-06	2.64E-10	9.20E-11
1737	495461.06, 3858951.99	1.73E-06	2.73E-10	9.51E-11	1.71E-06	2.69E-10	9.38E-11	1.66E-06	2.62E-10	9.11E-11
1738	495511.06, 3858951.99	1.72E-06	2.71E-10	9.46E-11	1.70E-06	2.68E-10	9.33E-11	1.65E-06	2.60E-10	9.06E-11
1739	495561.06, 3858951.99	1.68E-06	2.65E-10	9.24E-11	1.66E-06	2.62E-10	9.12E-11	1.61E-06	2.54E-10	8.85E-11
1740	495611.06, 3858951.99	1.66E-06	2.61E-10	9.10E-11	1.64E-06	2.58E-10	8.98E-11	1.59E-06	2.50E-10	8.72E-11
1741	495661.06, 3858951.99	1.65E-06	2.60E-10	9.06E-11	1.63E-06	2.57E-10	8.94E-11	1.58E-06	2.49E-10	8.68E-11
1742	494311.06, 3859001.99	2.64E-06	4.16E-10	1.45E-10	2.61E-06	4.11E-10	1.43E-10	2.53E-06	3.99E-10	1.39E-10
1743	494361.06, 3859001.99	2.63E-06	4.14E-10	1.44E-10	2.59E-06	4.08E-10	1.42E-10	2.52E-06	3.96E-10	1.38E-10
1744	494411.06, 3859001.99	2.61E-06	4.11E-10	1.43E-10	2.57E-06	4.05E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
1745	494461.06, 3859001.99	2.58E-06	4.06E-10	1.42E-10	2.55E-06	4.01E-10	1.40E-10	2.47E-06	3.89E-10	1.36E-10
1746	494511.06, 3859001.99	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.96E-10	1.38E-10	2.44E-06	3.85E-10	1.34E-10

1747	494561.06, 3859001.99	2.48E-06	3.91E-10	1.36E-10	2.45E-06	3.86E-10	1.34E-10	2.38E-06	3.75E-10	1.30E-10
1748	494611.06, 3859001.99	2.42E-06	3.81E-10	1.33E-10	2.39E-06	3.76E-10	1.31E-10	2.32E-06	3.65E-10	1.27E-10
1749	494661.06, 3859001.99	2.35E-06	3.70E-10	1.29E-10	2.32E-06	3.65E-10	1.27E-10	2.25E-06	3.54E-10	1.23E-10
1750	494711.06, 3859001.99	2.26E-06	3.57E-10	1.24E-10	2.24E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
1751	494761.06, 3859001.99	2.21E-06	3.49E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
1752	494811.06, 3859001.99	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
1753	494861.06, 3859001.99	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
1754	494911.06, 3859001.99	2.07E-06	3.26E-10	1.14E-10	2.05E-06	3.22E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
1755	494961.06, 3859001.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.93E-06	3.05E-10	1.06E-10
1756	495011.06, 3859001.99	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.86E-10	9.95E-11
1757	495061.06, 3859001.99	1.86E-06	2.93E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.81E-10	9.80E-11
1758	495111.06, 3859001.99	1.81E-06	2.85E-10	9.93E-11	1.79E-06	2.81E-10	9.80E-11	1.73E-06	2.73E-10	9.52E-11
1759	495161.06, 3859001.99	1.84E-06	2.89E-10	1.01E-10	1.81E-06	2.86E-10	9.95E-11	1.76E-06	2.77E-10	9.67E-11
1760	495211.06, 3859001.99	1.82E-06	2.87E-10	9.99E-11	1.80E-06	2.83E-10	9.86E-11	1.74E-06	2.75E-10	9.58E-11
1761	495261.06, 3859001.99	1.81E-06	2.86E-10	9.95E-11	1.79E-06	2.82E-10	9.82E-11	1.74E-06	2.74E-10	9.54E-11
1762	495311.06, 3859001.99	1.79E-06	2.83E-10	9.84E-11	1.77E-06	2.79E-10	9.72E-11	1.72E-06	2.71E-10	9.44E-11
1763	495361.06, 3859001.99	1.79E-06	2.81E-10	9.80E-11	1.76E-06	2.78E-10	9.67E-11	1.71E-06	2.70E-10	9.39E-11
1764	495411.06, 3859001.99	1.77E-06	2.79E-10	9.72E-11	1.75E-06	2.75E-10	9.60E-11	1.70E-06	2.67E-10	9.32E-11
1765	495461.06, 3859001.99	1.76E-06	2.77E-10	9.66E-11	1.74E-06	2.74E-10	9.53E-11	1.69E-06	2.66E-10	9.26E-11
1766	495511.06, 3859001.99	1.73E-06	2.72E-10	9.48E-11	1.70E-06	2.69E-10	9.36E-11	1.66E-06	2.61E-10	9.08E-11
1767	495561.06, 3859001.99	1.71E-06	2.69E-10	9.36E-11	1.68E-06	2.65E-10	9.24E-11	1.64E-06	2.58E-10	8.97E-11
1768	495611.06, 3859001.99	1.68E-06	2.65E-10	9.24E-11	1.66E-06	2.62E-10	9.12E-11	1.61E-06	2.54E-10	8.85E-11
1769	495661.06, 3859001.99	1.69E-06	2.66E-10	9.26E-11	1.67E-06	2.62E-10	9.14E-11	1.62E-06	2.55E-10	8.88E-11
1770	494311.06, 3859051.99	2.70E-06	4.25E-10	1.48E-10	2.66E-06	4.19E-10	1.46E-10	2.58E-06	4.07E-10	1.42E-10
1771	494361.06, 3859051.99	2.69E-06	4.24E-10	1.48E-10	2.65E-06	4.18E-10	1.46E-10	2.58E-06	4.06E-10	1.41E-10
1772	494411.06, 3859051.99	2.65E-06	4.18E-10	1.45E-10	2.62E-06	4.12E-10	1.44E-10	2.54E-06	4.00E-10	1.39E-10
1773	494461.06, 3859051.99	2.60E-06	4.10E-10	1.43E-10	2.57E-06	4.05E-10	1.41E-10	2.50E-06	3.93E-10	1.37E-10
1774	494511.06, 3859051.99	2.55E-06	4.01E-10	1.40E-10	2.51E-06	3.96E-10	1.38E-10	2.44E-06	3.85E-10	1.34E-10
1775	494561.06, 3859051.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.88E-10	1.35E-10	2.39E-06	3.77E-10	1.31E-10
1776	494611.06, 3859051.99	2.43E-06	3.84E-10	1.34E-10	2.40E-06	3.79E-10	1.32E-10	2.33E-06	3.68E-10	1.28E-10
1777	494661.06, 3859051.99	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
1778	494711.06, 3859051.99	2.31E-06	3.63E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
1779	494761.06, 3859051.99	2.24E-06	3.54E-10	1.23E-10	2.22E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
1780	494811.06, 3859051.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
1781	494861.06, 3859051.99	2.15E-06	3.39E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.06E-06	3.25E-10	1.13E-10
1782	494911.06, 3859051.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
1783	494961.06, 3859051.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
1784	495011.06, 3859051.99	1.93E-06	3.04E-10	1.06E-10	1.91E-06	3.00E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
1785	495061.06, 3859051.99	1.89E-06	2.97E-10	1.04E-10	1.86E-06	2.93E-10	1.02E-10	1.81E-06	2.85E-10	9.93E-11
1786	495111.06, 3859051.99	1.86E-06	2.93E-10	1.02E-10	1.84E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.79E-11
1787	495161.06, 3859051.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.79E-06	2.83E-10	9.85E-11
1788	495211.06, 3859051.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.69E-11
1789	495261.06, 3859051.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.98E-11	1.77E-06	2.78E-10	9.69E-11
1790	495311.06, 3859051.99	1.82E-06	2.87E-10	9.99E-11	1.80E-06	2.83E-10	9.86E-11	1.74E-06	2.75E-10	9.57E-11
1791	495361.06, 3859051.99	1.81E-06	2.85E-10	9.92E-11	1.78E-06	2.81E-10	9.79E-11	1.73E-06	2.73E-10	9.51E-11
1792	495411.06, 3859051.99	1.80E-06	2.84E-10	9.89E-11	1.78E-06	2.80E-10	9.76E-11	1.73E-06	2.72E-10	9.48E-11
1793	495461.06, 3859051.99	1.79E-06	2.83E-10	9.85E-11	1.77E-06	2.79E-10	9.72E-11	1.72E-06	2.71E-10	9.44E-11
1794	495511.06, 3859051.99	1.76E-06	2.77E-10	9.66E-11	1.74E-06	2.74E-10	9.53E-11	1.69E-06	2.66E-10	9.26E-11
1795	495561.06, 3859051.99	1.73E-06	2.73E-10	9.51E-11	1.71E-06	2.69E-10	9.38E-11	1.66E-06	2.62E-10	9.11E-11
1796	495611.06, 3859051.99	1.71E-06	2.69E-10	9.38E-11	1.69E-06	2.66E-10	9.25E-11	1.64E-06	2.58E-10	8.99E-11
1797	495661.06, 3859051.99	1.71E-06	2.70E-10	9.39E-11	1.69E-06	2.66E-10	9.27E-11	1.64E-06	2.58E-10	9.00E-11
1798	494311.06, 3859101.99	2.75E-06	4.34E-10	1.51E-10	2.72E-06	4.28E-10	1.49E-10	2.64E-06	4.16E-10	1.45E-10
1799	494361.06, 3859101.99	2.72E-06	4.28E-10	1.49E-10	2.68E-06	4.23E-10	1.47E-10	2.61E-06	4.11E-10	1.43E-10
1800	494411.06, 3859101.99	2.69E-06	4.24E-10	1.48E-10	2.66E-06	4.18E-10	1.46E-10	2.58E-06	4.06E-10	1.42E-10
1801	494461.06, 3859101.99	2.64E-06	4.16E-10	1.45E-10	2.61E-06	4.11E-10	1.43E-10	2.53E-06	3.99E-10	1.39E-10
1802	494511.06, 3859101.99	2.57E-06	4.06E-10	1.41E-10	2.54E-06	4.00E-10	1.39E-10	2.47E-06	3.89E-10	1.35E-10
1803	494561.06, 3859101.99	2.52E-06	3.97E-10	1.38E-10	2.49E-06	3.92E-10	1.37E-10	2.42E-06	3.81E-10	1.33E-10
1804	494611.06, 3859101.99	2.44E-06	3.85E-10	1.34E-10	2.41E-06	3.80E-10	1.32E-10	2.34E-06	3.69E-10	1.29E-10
1805	494661.06, 3859101.99	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.29E-06	3.61E-10	1.26E-10
1806	494711.06, 3859101.99	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.49E-10	1.21E-10
1807	494761.06, 3859101.99	2.28E-06	3.60E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
1808	494811.06, 3859101.99	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.46E-10	1.21E-10	2.14E-06	3.36E-10	1.17E-10
1809	494861.06, 3859101.99	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
1810	494911.06, 3859101.99	2.11E-06	3.33E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
1811	494961.06, 3859101.99	2.02E-06	3.17E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
1812	495011.06, 3859101.99	1.92E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1813	495061.06, 3859101.99	1.91E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
1814	495111.06, 3859101.99	1.88E-06	2.97E-10	1.03E-10	1.86E-06	2.93E-10	1.02E-10	1.81E-06	2.85E-10	9.91E-11
1815	495161.06, 3859101.99	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.86E-10	9.97E-11
1816	495211.06, 3859101.99	1.87E-06	2.94E-10	1.03E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.82E-10	9.83E-11

1817	495261.06, 3859101.99	1.86E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.81E-10	9.80E-11
1818	495311.06, 3859101.99	1.85E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	1.00E-10	1.77E-06	2.79E-10	9.72E-11
1819	495361.06, 3859101.99	1.85E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	1.00E-10	1.77E-06	2.79E-10	9.71E-11
1820	495411.06, 3859101.99	1.84E-06	2.89E-10	1.01E-10	1.81E-06	2.85E-10	9.94E-11	1.76E-06	2.77E-10	9.66E-11
1821	495461.06, 3859101.99	1.81E-06	2.86E-10	9.95E-11	1.79E-06	2.82E-10	9.82E-11	1.74E-06	2.74E-10	9.54E-11
1822	495511.06, 3859101.99	1.80E-06	2.83E-10	9.86E-11	1.77E-06	2.79E-10	9.74E-11	1.72E-06	2.71E-10	9.45E-11
1823	495561.06, 3859101.99	1.77E-06	2.79E-10	9.71E-11	1.75E-06	2.75E-10	9.58E-11	1.70E-06	2.67E-10	9.31E-11
1824	495611.06, 3859101.99	1.74E-06	2.74E-10	9.55E-11	1.72E-06	2.71E-10	9.43E-11	1.67E-06	2.63E-10	9.16E-11
1825	495661.06, 3859101.99	1.73E-06	2.73E-10	9.52E-11	1.71E-06	2.70E-10	9.39E-11	1.66E-06	2.62E-10	9.12E-11
1826	494311.06, 3859151.99	2.79E-06	4.39E-10	1.53E-10	2.75E-06	4.33E-10	1.51E-10	2.67E-06	4.21E-10	1.47E-10
1827	494361.06, 3859151.99	2.76E-06	4.35E-10	1.52E-10	2.73E-06	4.30E-10	1.50E-10	2.65E-06	4.17E-10	1.45E-10
1828	494411.06, 3859151.99	2.71E-06	4.27E-10	1.49E-10	2.67E-06	4.21E-10	1.47E-10	2.60E-06	4.09E-10	1.42E-10
1829	494461.06, 3859151.99	2.65E-06	4.18E-10	1.46E-10	2.62E-06	4.12E-10	1.44E-10	2.54E-06	4.00E-10	1.40E-10
1830	494511.06, 3859151.99	2.58E-06	4.07E-10	1.42E-10	2.55E-06	4.01E-10	1.40E-10	2.47E-06	3.90E-10	1.36E-10
1831	494561.06, 3859151.99	2.54E-06	4.00E-10	1.39E-10	2.51E-06	3.95E-10	1.37E-10	2.43E-06	3.83E-10	1.34E-10
1832	494611.06, 3859151.99	2.47E-06	3.89E-10	1.35E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
1833	494661.06, 3859151.99	2.42E-06	3.82E-10	1.33E-10	2.39E-06	3.77E-10	1.31E-10	2.32E-06	3.66E-10	1.27E-10
1834	494711.06, 3859151.99	2.38E-06	3.76E-10	1.31E-10	2.35E-06	3.71E-10	1.29E-10	2.29E-06	3.60E-10	1.25E-10
1835	494761.06, 3859151.99	2.31E-06	3.63E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
1836	494811.06, 3859151.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
1837	494861.06, 3859151.99	2.20E-06	3.47E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
1838	494911.06, 3859151.99	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
1839	494961.06, 3859151.99	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.16E-10	1.10E-10	1.95E-06	3.06E-10	1.07E-10
1840	495011.06, 3859151.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.94E-10	1.02E-10
1841	495061.06, 3859151.99	1.93E-06	3.04E-10	1.06E-10	1.91E-06	3.00E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
1842	495111.06, 3859151.99	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
1843	495161.06, 3859151.99	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1844	495211.06, 3859151.99	1.91E-06	3.00E-10	1.05E-10	1.88E-06	2.96E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
1845	495261.06, 3859151.99	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.94E-11
1846	495311.06, 3859151.99	1.88E-06	2.96E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.88E-11
1847	495361.06, 3859151.99	1.86E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.81E-10	9.80E-11
1848	495411.06, 3859151.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.79E-06	2.83E-10	9.85E-11
1849	495461.06, 3859151.99	1.86E-06	2.93E-10	1.02E-10	1.83E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.78E-11
1850	495511.06, 3859151.99	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.89E-11	1.75E-06	2.76E-10	9.60E-11
1851	495561.06, 3859151.99	1.80E-06	2.84E-10	9.89E-11	1.78E-06	2.80E-10	9.76E-11	1.73E-06	2.72E-10	9.48E-11
1852	495611.06, 3859151.99	1.78E-06	2.81E-10	9.77E-11	1.76E-06	2.77E-10	9.65E-11	1.71E-06	2.69E-10	9.37E-11
1853	495661.06, 3859151.99	1.76E-06	2.78E-10	9.67E-11	1.74E-06	2.74E-10	9.55E-11	1.69E-06	2.66E-10	9.27E-11
1854	494311.06, 3859201.99	2.81E-06	4.43E-10	1.54E-10	2.77E-06	4.37E-10	1.52E-10	2.69E-06	4.24E-10	1.48E-10
1855	494361.06, 3859201.99	2.78E-06	4.37E-10	1.52E-10	2.74E-06	4.32E-10	1.50E-10	2.66E-06	4.19E-10	1.46E-10
1856	494411.06, 3859201.99	2.73E-06	4.30E-10	1.50E-10	2.69E-06	4.24E-10	1.48E-10	2.62E-06	4.12E-10	1.44E-10
1857	494461.06, 3859201.99	2.66E-06	4.19E-10	1.46E-10	2.63E-06	4.14E-10	1.44E-10	2.55E-06	4.02E-10	1.40E-10
1858	494511.06, 3859201.99	2.62E-06	4.12E-10	1.44E-10	2.58E-06	4.07E-10	1.42E-10	2.51E-06	3.95E-10	1.38E-10
1859	494561.06, 3859201.99	2.54E-06	4.01E-10	1.40E-10	2.51E-06	3.96E-10	1.38E-10	2.44E-06	3.84E-10	1.34E-10
1860	494611.06, 3859201.99	2.49E-06	3.92E-10	1.37E-10	2.45E-06	3.87E-10	1.35E-10	2.38E-06	3.76E-10	1.31E-10
1861	494661.06, 3859201.99	2.44E-06	3.85E-10	1.34E-10	2.41E-06	3.80E-10	1.32E-10	2.34E-06	3.69E-10	1.28E-10
1862	494711.06, 3859201.99	2.40E-06	3.78E-10	1.32E-10	2.37E-06	3.73E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
1863	494761.06, 3859201.99	2.33E-06	3.66E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
1864	494811.06, 3859201.99	2.27E-06	3.57E-10	1.24E-10	2.24E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
1865	494861.06, 3859201.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
1866	494911.06, 3859201.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
1867	494961.06, 3859201.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
1868	495011.06, 3859201.99	1.93E-06	3.04E-10	1.06E-10	1.91E-06	3.00E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
1869	495061.06, 3859201.99	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
1870	495111.06, 3859201.99	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.88E-06	2.95E-10	1.03E-10
1871	495161.06, 3859201.99	1.95E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.94E-10	1.02E-10
1872	495211.06, 3859201.99	1.92E-06	3.02E-10	1.05E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1873	495261.06, 3859201.99	1.92E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.84E-06	2.89E-10	1.01E-10
1874	495311.06, 3859201.99	1.90E-06	3.00E-10	1.04E-10	1.88E-06	2.96E-10	1.03E-10	1.82E-06	2.87E-10	1.00E-10
1875	495361.06, 3859201.99	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.86E-10	9.97E-11
1876	495411.06, 3859201.99	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.87E-10	9.99E-11
1877	495461.06, 3859201.99	1.88E-06	2.96E-10	1.03E-10	1.86E-06	2.93E-10	1.02E-10	1.80E-06	2.84E-10	9.90E-11
1878	495511.06, 3859201.99	1.86E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.81E-10	9.81E-11
1879	495561.06, 3859201.99	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.84E-10	9.91E-11	1.75E-06	2.76E-10	9.62E-11
1880	495611.06, 3859201.99	1.80E-06	2.84E-10	9.90E-11	1.78E-06	2.80E-10	9.77E-11	1.73E-06	2.72E-10	9.49E-11
1881	495661.06, 3859201.99	1.79E-06	2.81E-10	9.80E-11	1.76E-06	2.78E-10	9.68E-11	1.71E-06	2.70E-10	9.40E-11
1882	494311.06, 3859251.99	2.83E-06	4.46E-10	1.55E-10	2.79E-06	4.40E-10	1.53E-10	2.71E-06	4.27E-10	1.49E-10
1883	494361.06, 3859251.99	2.78E-06	4.38E-10	1.53E-10	2.74E-06	4.32E-10	1.51E-10	2.66E-06	4.20E-10	1.46E-10
1884	494411.06, 3859251.99	2.71E-06	4.27E-10	1.49E-10	2.68E-06	4.22E-10	1.47E-10	2.60E-06	4.10E-10	1.43E-10
1885	494461.06, 3859251.99	2.67E-06	4.20E-10	1.46E-10	2.63E-06	4.15E-10	1.45E-10	2.56E-06	4.03E-10	1.40E-10
1886	494511.06, 3859251.99	2.60E-06	4.09E-10	1.43E-10	2.56E-06	4.04E-10	1.41E-10	2.49E-06	3.92E-10	1.37E-10

1887	494561.06, 3859251.99	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.96E-10	1.38E-10	2.44E-06	3.85E-10	1.34E-10
1888	494611.06, 3859251.99	2.49E-06	3.92E-10	1.37E-10	2.46E-06	3.87E-10	1.35E-10	2.39E-06	3.76E-10	1.31E-10
1889	494661.06, 3859251.99	2.46E-06	3.87E-10	1.35E-10	2.42E-06	3.82E-10	1.33E-10	2.35E-06	3.71E-10	1.29E-10
1890	494711.06, 3859251.99	2.41E-06	3.80E-10	1.32E-10	2.38E-06	3.75E-10	1.31E-10	2.31E-06	3.64E-10	1.27E-10
1891	494761.06, 3859251.99	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.58E-10	1.25E-10	2.21E-06	3.47E-10	1.21E-10
1892	494811.06, 3859251.99	2.28E-06	3.60E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
1893	494861.06, 3859251.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
1894	494911.06, 3859251.99	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
1895	494961.06, 3859251.99	2.07E-06	3.26E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
1896	495011.06, 3859251.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
1897	495061.06, 3859251.99	2.01E-06	3.17E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
1898	495111.06, 3859251.99	1.99E-06	3.14E-10	1.09E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
1899	495161.06, 3859251.99	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
1900	495211.06, 3859251.99	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
1901	495261.06, 3859251.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.94E-10	1.02E-10
1902	495311.06, 3859251.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
1903	495361.06, 3859251.99	1.93E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
1904	495411.06, 3859251.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
1905	495461.06, 3859251.99	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
1906	495511.06, 3859251.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.83E-10	9.86E-11
1907	495561.06, 3859251.99	1.85E-06	2.92E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.78E-06	2.80E-10	9.75E-11
1908	495611.06, 3859251.99	1.82E-06	2.87E-10	1.00E-10	1.80E-06	2.84E-10	9.88E-11	1.75E-06	2.75E-10	9.59E-11
1909	495661.06, 3859251.99	1.80E-06	2.84E-10	9.89E-11	1.78E-06	2.80E-10	9.76E-11	1.73E-06	2.72E-10	9.48E-11
1910	494311.06, 3859301.99	2.84E-06	4.47E-10	1.56E-10	2.80E-06	4.41E-10	1.54E-10	2.72E-06	4.28E-10	1.49E-10
1911	494361.06, 3859301.99	2.78E-06	4.39E-10	1.53E-10	2.75E-06	4.33E-10	1.51E-10	2.67E-06	4.20E-10	1.46E-10
1912	494411.06, 3859301.99	2.72E-06	4.28E-10	1.49E-10	2.68E-06	4.23E-10	1.47E-10	2.61E-06	4.11E-10	1.43E-10
1913	494461.06, 3859301.99	2.66E-06	4.18E-10	1.46E-10	2.62E-06	4.13E-10	1.44E-10	2.54E-06	4.01E-10	1.40E-10
1914	494511.06, 3859301.99	2.60E-06	4.09E-10	1.43E-10	2.57E-06	4.04E-10	1.41E-10	2.49E-06	3.92E-10	1.37E-10
1915	494561.06, 3859301.99	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.97E-10	1.38E-10	2.45E-06	3.86E-10	1.34E-10
1916	494611.06, 3859301.99	2.51E-06	3.95E-10	1.37E-10	2.47E-06	3.90E-10	1.36E-10	2.40E-06	3.78E-10	1.32E-10
1917	494661.06, 3859301.99	2.46E-06	3.87E-10	1.35E-10	2.43E-06	3.82E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10
1918	494711.06, 3859301.99	2.40E-06	3.78E-10	1.32E-10	2.37E-06	3.73E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
1919	494761.06, 3859301.99	2.35E-06	3.70E-10	1.29E-10	2.32E-06	3.65E-10	1.27E-10	2.25E-06	3.55E-10	1.24E-10
1920	494811.06, 3859301.99	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.19E-06	3.44E-10	1.20E-10
1921	494861.06, 3859301.99	2.19E-06	3.44E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.09E-06	3.30E-10	1.15E-10
1922	494911.06, 3859301.99	2.14E-06	3.37E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.23E-10	1.12E-10
1923	494961.06, 3859301.99	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
1924	495011.06, 3859301.99	2.01E-06	3.17E-10	1.10E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
1925	495061.06, 3859301.99	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
1926	495111.06, 3859301.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.91E-06	3.02E-10	1.05E-10
1927	495161.06, 3859301.99	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
1928	495211.06, 3859301.99	1.99E-06	3.14E-10	1.09E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
1929	495261.06, 3859301.99	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
1930	495311.06, 3859301.99	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
1931	495361.06, 3859301.99	1.95E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
1932	495411.06, 3859301.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
1933	495461.06, 3859301.99	1.93E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
1934	495511.06, 3859301.99	1.90E-06	3.00E-10	1.05E-10	1.88E-06	2.96E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
1935	495561.06, 3859301.99	1.86E-06	2.93E-10	1.02E-10	1.84E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.78E-11
1936	495611.06, 3859301.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.68E-11
1937	495661.06, 3859301.99	1.82E-06	2.87E-10	9.98E-11	1.80E-06	2.83E-10	9.85E-11	1.74E-06	2.75E-10	9.57E-11
1938	494311.06, 3859351.99	2.82E-06	4.44E-10	1.55E-10	2.78E-06	4.39E-10	1.53E-10	2.70E-06	4.26E-10	1.48E-10
1939	494361.06, 3859351.99	2.77E-06	4.36E-10	1.52E-10	2.73E-06	4.31E-10	1.50E-10	2.66E-06	4.18E-10	1.46E-10
1940	494411.06, 3859351.99	2.70E-06	4.26E-10	1.48E-10	2.67E-06	4.20E-10	1.46E-10	2.59E-06	4.08E-10	1.42E-10
1941	494461.06, 3859351.99	2.64E-06	4.17E-10	1.45E-10	2.61E-06	4.11E-10	1.43E-10	2.53E-06	3.99E-10	1.39E-10
1942	494511.06, 3859351.99	2.59E-06	4.08E-10	1.42E-10	2.56E-06	4.03E-10	1.40E-10	2.48E-06	3.91E-10	1.36E-10
1943	494561.06, 3859351.99	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.97E-10	1.38E-10	2.45E-06	3.86E-10	1.34E-10
1944	494611.06, 3859351.99	2.51E-06	3.95E-10	1.38E-10	2.48E-06	3.90E-10	1.36E-10	2.40E-06	3.79E-10	1.32E-10
1945	494661.06, 3859351.99	2.46E-06	3.88E-10	1.35E-10	2.43E-06	3.83E-10	1.33E-10	2.36E-06	3.72E-10	1.29E-10
1946	494711.06, 3859351.99	2.40E-06	3.78E-10	1.32E-10	2.37E-06	3.73E-10	1.30E-10	2.30E-06	3.63E-10	1.26E-10
1947	494761.06, 3859351.99	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
1948	494811.06, 3859351.99	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.46E-10	1.21E-10	2.14E-06	3.36E-10	1.17E-10
1949	494861.06, 3859351.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.40E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
1950	494911.06, 3859351.99	2.16E-06	3.41E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.27E-10	1.14E-10
1951	494961.06, 3859351.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
1952	495011.06, 3859351.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
1953	495061.06, 3859351.99	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.27E-10	1.14E-10	2.01E-06	3.17E-10	1.10E-10
1954	495111.06, 3859351.99	2.07E-06	3.25E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
1955	495161.06, 3859351.99	2.05E-06	3.23E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
1956	495211.06, 3859351.99	2.03E-06	3.19E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.07E-10

1957	495261.06, 3859351.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.94E-06	3.05E-10	1.06E-10
1958	495311.06, 3859351.99	1.99E-06	3.14E-10	1.09E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
1959	495361.06, 3859351.99	1.97E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
1960	495411.06, 3859351.99	1.96E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.06E-10	1.88E-06	2.97E-10	1.03E-10
1961	495461.06, 3859351.99	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
1962	495511.06, 3859351.99	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
1963	495561.06, 3859351.99	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.86E-10	9.97E-11
1964	495611.06, 3859351.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.02E-10	1.80E-06	2.83E-10	9.86E-11
1965	495661.06, 3859351.99	1.84E-06	2.89E-10	1.01E-10	1.81E-06	2.86E-10	9.95E-11	1.76E-06	2.77E-10	9.66E-11
1966	494311.06, 3859401.99	2.82E-06	4.44E-10	1.55E-10	2.78E-06	4.38E-10	1.53E-10	2.70E-06	4.25E-10	1.48E-10
1967	494361.06, 3859401.99	2.75E-06	4.33E-10	1.51E-10	2.72E-06	4.28E-10	1.49E-10	2.64E-06	4.15E-10	1.45E-10
1968	494411.06, 3859401.99	2.68E-06	4.23E-10	1.47E-10	2.65E-06	4.17E-10	1.45E-10	2.57E-06	4.05E-10	1.41E-10
1969	494461.06, 3859401.99	2.63E-06	4.15E-10	1.44E-10	2.60E-06	4.09E-10	1.43E-10	2.52E-06	3.97E-10	1.38E-10
1970	494511.06, 3859401.99	2.60E-06	4.09E-10	1.43E-10	2.56E-06	4.04E-10	1.41E-10	2.49E-06	3.92E-10	1.37E-10
1971	494561.06, 3859401.99	2.56E-06	4.03E-10	1.40E-10	2.52E-06	3.98E-10	1.39E-10	2.45E-06	3.86E-10	1.35E-10
1972	494611.06, 3859401.99	2.51E-06	3.95E-10	1.38E-10	2.47E-06	3.90E-10	1.36E-10	2.40E-06	3.79E-10	1.32E-10
1973	494661.06, 3859401.99	2.47E-06	3.89E-10	1.36E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
1974	494711.06, 3859401.99	2.43E-06	3.82E-10	1.33E-10	2.40E-06	3.77E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
1975	494761.06, 3859401.99	2.35E-06	3.70E-10	1.29E-10	2.32E-06	3.65E-10	1.27E-10	2.25E-06	3.55E-10	1.24E-10
1976	494811.06, 3859401.99	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.46E-10	1.20E-10
1977	494861.06, 3859401.99	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.12E-06	3.35E-10	1.17E-10
1978	494911.06, 3859401.99	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
1979	494961.06, 3859401.99	2.15E-06	3.38E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.24E-10	1.13E-10
1980	495011.06, 3859401.99	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
1981	495061.06, 3859401.99	2.12E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.19E-10	1.11E-10
1982	495111.06, 3859401.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.12E-10	1.99E-06	3.14E-10	1.09E-10
1983	495161.06, 3859401.99	2.07E-06	3.25E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
1984	495211.06, 3859401.99	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.12E-10	1.97E-06	3.11E-10	1.08E-10
1985	495261.06, 3859401.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.11E-10	1.96E-06	3.08E-10	1.07E-10
1986	495311.06, 3859401.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.94E-06	3.05E-10	1.06E-10
1987	495361.06, 3859401.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
1988	495411.06, 3859401.99	2.00E-06	3.15E-10	1.10E-10	1.98E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
1989	495461.06, 3859401.99	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.07E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
1990	495511.06, 3859401.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
1991	495561.06, 3859401.99	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.87E-10	9.99E-11
1992	495611.06, 3859401.99	1.88E-06	2.96E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.83E-10	9.87E-11
1993	495661.06, 3859401.99	1.86E-06	2.93E-10	1.02E-10	1.83E-06	2.89E-10	1.01E-10	1.78E-06	2.80E-10	9.77E-11
1994	494311.06, 3859451.99	2.78E-06	4.38E-10	1.53E-10	2.75E-06	4.33E-10	1.51E-10	2.67E-06	4.20E-10	1.46E-10
1995	494361.06, 3859451.99	2.73E-06	4.30E-10	1.50E-10	2.69E-06	4.24E-10	1.48E-10	2.61E-06	4.12E-10	1.43E-10
1996	494411.06, 3859451.99	2.65E-06	4.17E-10	1.45E-10	2.61E-06	4.12E-10	1.43E-10	2.54E-06	4.00E-10	1.39E-10
1997	494461.06, 3859451.99	2.62E-06	4.13E-10	1.44E-10	2.59E-06	4.07E-10	1.42E-10	2.51E-06	3.95E-10	1.38E-10
1998	494511.06, 3859451.99	2.57E-06	4.05E-10	1.41E-10	2.54E-06	4.00E-10	1.39E-10	2.47E-06	3.88E-10	1.35E-10
1999	494561.06, 3859451.99	2.53E-06	3.99E-10	1.39E-10	2.50E-06	3.94E-10	1.37E-10	2.43E-06	3.83E-10	1.33E-10
2000	494611.06, 3859451.99	2.51E-06	3.96E-10	1.38E-10	2.48E-06	3.91E-10	1.36E-10	2.41E-06	3.79E-10	1.32E-10
2001	494661.06, 3859451.99	2.46E-06	3.88E-10	1.35E-10	2.43E-06	3.83E-10	1.33E-10	2.36E-06	3.72E-10	1.29E-10
2002	494711.06, 3859451.99	2.41E-06	3.80E-10	1.32E-10	2.38E-06	3.75E-10	1.31E-10	2.31E-06	3.64E-10	1.27E-10
2003	494761.06, 3859451.99	2.37E-06	3.74E-10	1.30E-10	2.34E-06	3.69E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
2004	494811.06, 3859451.99	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
2005	494861.06, 3859451.99	2.26E-06	3.56E-10	1.24E-10	2.23E-06	3.51E-10	1.22E-10	2.16E-06	3.41E-10	1.19E-10
2006	494911.06, 3859451.99	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
2007	494961.06, 3859451.99	2.19E-06	3.46E-10	1.20E-10	2.17E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
2008	495011.06, 3859451.99	2.17E-06	3.41E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
2009	495061.06, 3859451.99	2.14E-06	3.37E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.23E-10	1.12E-10
2010	495111.06, 3859451.99	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
2011	495161.06, 3859451.99	2.10E-06	3.30E-10	1.15E-10	2.07E-06	3.26E-10	1.14E-10	2.01E-06	3.16E-10	1.10E-10
2012	495211.06, 3859451.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
2013	495261.06, 3859451.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
2014	495311.06, 3859451.99	2.05E-06	3.23E-10	1.13E-10	2.03E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
2015	495361.06, 3859451.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
2016	495411.06, 3859451.99	2.01E-06	3.17E-10	1.10E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2017	495461.06, 3859451.99	2.00E-06	3.14E-10	1.10E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
2018	495511.06, 3859451.99	1.95E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
2019	495561.06, 3859451.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
2020	495611.06, 3859451.99	1.90E-06	3.00E-10	1.04E-10	1.88E-06	2.96E-10	1.03E-10	1.82E-06	2.87E-10	1.00E-10
2021	495661.06, 3859451.99	1.88E-06	2.96E-10	1.03E-10	1.86E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.89E-11
2022	494311.06, 3859501.99	2.76E-06	4.35E-10	1.51E-10	2.72E-06	4.29E-10	1.49E-10	2.64E-06	4.16E-10	1.45E-10
2023	494361.06, 3859501.99	2.70E-06	4.26E-10	1.48E-10	2.67E-06	4.21E-10	1.46E-10	2.59E-06	4.08E-10	1.42E-10
2024	494411.06, 3859501.99	2.61E-06	4.11E-10	1.43E-10	2.58E-06	4.06E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
2025	494461.06, 3859501.99	2.61E-06	4.11E-10	1.43E-10	2.57E-06	4.06E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
2026	494511.06, 3859501.99	2.56E-06	4.03E-10	1.40E-10	2.52E-06	3.98E-10	1.39E-10	2.45E-06	3.86E-10	1.35E-10

2027	494561.06, 3859501.99	2.52E-06	3.96E-10	1.38E-10	2.48E-06	3.91E-10	1.36E-10	2.41E-06	3.80E-10	1.32E-10
2028	494611.06, 3859501.99	2.51E-06	3.96E-10	1.38E-10	2.48E-06	3.91E-10	1.36E-10	2.41E-06	3.80E-10	1.32E-10
2029	494661.06, 3859501.99	2.46E-06	3.88E-10	1.35E-10	2.43E-06	3.82E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10
2030	494711.06, 3859501.99	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.29E-06	3.62E-10	1.26E-10
2031	494761.06, 3859501.99	2.38E-06	3.75E-10	1.31E-10	2.35E-06	3.70E-10	1.29E-10	2.28E-06	3.60E-10	1.25E-10
2032	494811.06, 3859501.99	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.57E-10	1.25E-10	2.20E-06	3.47E-10	1.21E-10
2033	494861.06, 3859501.99	2.27E-06	3.57E-10	1.24E-10	2.24E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
2034	494911.06, 3859501.99	2.24E-06	3.54E-10	1.23E-10	2.22E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
2035	494961.06, 3859501.99	2.20E-06	3.47E-10	1.21E-10	2.17E-06	3.43E-10	1.19E-10	2.11E-06	3.33E-10	1.16E-10
2036	495011.06, 3859501.99	2.18E-06	3.44E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.09E-06	3.30E-10	1.15E-10
2037	495061.06, 3859501.99	2.17E-06	3.41E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
2038	495111.06, 3859501.99	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
2039	495161.06, 3859501.99	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
2040	495211.06, 3859501.99	2.10E-06	3.31E-10	1.15E-10	2.08E-06	3.27E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
2041	495261.06, 3859501.99	2.09E-06	3.29E-10	1.14E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
2042	495311.06, 3859501.99	2.07E-06	3.27E-10	1.14E-10	2.05E-06	3.22E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
2043	495361.06, 3859501.99	2.05E-06	3.23E-10	1.13E-10	2.03E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
2044	495411.06, 3859501.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.16E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
2045	495461.06, 3859501.99	2.01E-06	3.17E-10	1.10E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2046	495511.06, 3859501.99	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2047	495561.06, 3859501.99	1.95E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
2048	495611.06, 3859501.99	1.93E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
2049	495661.06, 3859501.99	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.86E-10	9.97E-11
2050	494311.06, 3859551.99	2.73E-06	4.30E-10	1.50E-10	2.69E-06	4.24E-10	1.48E-10	2.61E-06	4.12E-10	1.43E-10
2051	494361.06, 3859551.99	2.67E-06	4.20E-10	1.46E-10	2.63E-06	4.15E-10	1.45E-10	2.56E-06	4.03E-10	1.40E-10
2052	494411.06, 3859551.99	2.58E-06	4.06E-10	1.41E-10	2.54E-06	4.01E-10	1.40E-10	2.47E-06	3.89E-10	1.36E-10
2053	494461.06, 3859551.99	2.59E-06	4.07E-10	1.42E-10	2.55E-06	4.02E-10	1.40E-10	2.48E-06	3.90E-10	1.36E-10
2054	494511.06, 3859551.99	2.54E-06	4.00E-10	1.39E-10	2.51E-06	3.95E-10	1.38E-10	2.43E-06	3.83E-10	1.34E-10
2055	494561.06, 3859551.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.36E-10	2.40E-06	3.78E-10	1.32E-10
2056	494611.06, 3859551.99	2.48E-06	3.91E-10	1.36E-10	2.45E-06	3.86E-10	1.34E-10	2.38E-06	3.75E-10	1.31E-10
2057	494661.06, 3859551.99	2.45E-06	3.86E-10	1.35E-10	2.42E-06	3.81E-10	1.33E-10	2.35E-06	3.70E-10	1.29E-10
2058	494711.06, 3859551.99	2.36E-06	3.72E-10	1.30E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
2059	494761.06, 3859551.99	2.37E-06	3.74E-10	1.30E-10	2.34E-06	3.69E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
2060	494811.06, 3859551.99	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.49E-10	1.21E-10
2061	494861.06, 3859551.99	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
2062	494911.06, 3859551.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
2063	494961.06, 3859551.99	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.46E-10	1.20E-10	2.13E-06	3.36E-10	1.17E-10
2064	495011.06, 3859551.99	2.21E-06	3.48E-10	1.21E-10	2.18E-06	3.43E-10	1.20E-10	2.12E-06	3.33E-10	1.16E-10
2065	495061.06, 3859551.99	2.18E-06	3.44E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
2066	495111.06, 3859551.99	2.15E-06	3.38E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.24E-10	1.13E-10
2067	495161.06, 3859551.99	2.13E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.04E-06	3.22E-10	1.12E-10
2068	495211.06, 3859551.99	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
2069	495261.06, 3859551.99	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.26E-10	1.14E-10	2.01E-06	3.17E-10	1.10E-10
2070	495311.06, 3859551.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.13E-10	1.99E-06	3.14E-10	1.09E-10
2071	495361.06, 3859551.99	2.06E-06	3.25E-10	1.13E-10	2.03E-06	3.20E-10	1.12E-10	1.97E-06	3.11E-10	1.08E-10
2072	495411.06, 3859551.99	2.05E-06	3.23E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
2073	495461.06, 3859551.99	2.01E-06	3.17E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2074	495511.06, 3859551.99	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
2075	495561.06, 3859551.99	1.96E-06	3.09E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2076	495611.06, 3859551.99	1.94E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.86E-06	2.92E-10	1.02E-10
2077	495661.06, 3859551.99	1.91E-06	3.01E-10	1.05E-10	1.88E-06	2.97E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
2078	494311.06, 3859601.99	2.70E-06	4.25E-10	1.48E-10	2.66E-06	4.20E-10	1.46E-10	2.59E-06	4.08E-10	1.42E-10
2079	494361.06, 3859601.99	2.61E-06	4.11E-10	1.43E-10	2.58E-06	4.06E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
2080	494411.06, 3859601.99	2.56E-06	4.03E-10	1.40E-10	2.52E-06	3.98E-10	1.39E-10	2.45E-06	3.86E-10	1.35E-10
2081	494461.06, 3859601.99	2.56E-06	4.04E-10	1.41E-10	2.53E-06	3.98E-10	1.39E-10	2.46E-06	3.87E-10	1.35E-10
2082	494511.06, 3859601.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.35E-10	2.40E-06	3.78E-10	1.32E-10
2083	494561.06, 3859601.99	2.50E-06	3.93E-10	1.37E-10	2.46E-06	3.88E-10	1.35E-10	2.39E-06	3.77E-10	1.31E-10
2084	494611.06, 3859601.99	2.48E-06	3.90E-10	1.36E-10	2.45E-06	3.85E-10	1.34E-10	2.38E-06	3.74E-10	1.30E-10
2085	494661.06, 3859601.99	2.41E-06	3.80E-10	1.32E-10	2.38E-06	3.75E-10	1.31E-10	2.31E-06	3.64E-10	1.27E-10
2086	494711.06, 3859601.99	2.35E-06	3.71E-10	1.29E-10	2.32E-06	3.66E-10	1.27E-10	2.26E-06	3.55E-10	1.24E-10
2087	494761.06, 3859601.99	2.38E-06	3.75E-10	1.31E-10	2.35E-06	3.70E-10	1.29E-10	2.28E-06	3.60E-10	1.25E-10
2088	494811.06, 3859601.99	2.32E-06	3.65E-10	1.27E-10	2.29E-06	3.60E-10	1.25E-10	2.22E-06	3.50E-10	1.22E-10
2089	494861.06, 3859601.99	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.20E-06	3.46E-10	1.20E-10
2090	494911.06, 3859601.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.21E-10	2.15E-06	3.39E-10	1.18E-10
2091	494961.06, 3859601.99	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
2092	495011.06, 3859601.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2093	495061.06, 3859601.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
2094	495111.06, 3859601.99	2.15E-06	3.39E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.06E-06	3.25E-10	1.13E-10
2095	495161.06, 3859601.99	2.14E-06	3.38E-10	1.18E-10	2.12E-06	3.33E-10	1.16E-10	2.05E-06	3.24E-10	1.13E-10
2096	495211.06, 3859601.99	2.12E-06	3.34E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.03E-06	3.21E-10	1.12E-10

2097	495261.06, 3859601.99	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
2098	495311.06, 3859601.99	2.09E-06	3.30E-10	1.15E-10	2.07E-06	3.26E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
2099	495361.06, 3859601.99	2.07E-06	3.27E-10	1.14E-10	2.05E-06	3.22E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
2100	495411.06, 3859601.99	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.12E-10	1.97E-06	3.11E-10	1.08E-10
2101	495461.06, 3859601.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.93E-06	3.05E-10	1.06E-10
2102	495511.06, 3859601.99	1.98E-06	3.12E-10	1.09E-10	1.96E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
2103	495561.06, 3859601.99	1.97E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
2104	495611.06, 3859601.99	1.93E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
2105	495661.06, 3859601.99	1.92E-06	3.02E-10	1.05E-10	1.89E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
2106	494311.06, 3859651.99	2.65E-06	4.17E-10	1.45E-10	2.61E-06	4.11E-10	1.43E-10	2.54E-06	3.99E-10	1.39E-10
2107	494361.06, 3859651.99	2.57E-06	4.05E-10	1.41E-10	2.53E-06	3.99E-10	1.39E-10	2.46E-06	3.88E-10	1.35E-10
2108	494411.06, 3859651.99	2.54E-06	4.00E-10	1.39E-10	2.50E-06	3.95E-10	1.37E-10	2.43E-06	3.83E-10	1.33E-10
2109	494461.06, 3859651.99	2.54E-06	4.00E-10	1.39E-10	2.50E-06	3.95E-10	1.37E-10	2.43E-06	3.83E-10	1.33E-10
2110	494511.06, 3859651.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.36E-10	2.40E-06	3.78E-10	1.32E-10
2111	494561.06, 3859651.99	2.48E-06	3.91E-10	1.36E-10	2.45E-06	3.86E-10	1.34E-10	2.38E-06	3.75E-10	1.31E-10
2112	494611.06, 3859651.99	2.46E-06	3.87E-10	1.35E-10	2.43E-06	3.82E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10
2113	494661.06, 3859651.99	2.39E-06	3.76E-10	1.31E-10	2.36E-06	3.72E-10	1.29E-10	2.29E-06	3.61E-10	1.26E-10
2114	494711.06, 3859651.99	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
2115	494761.06, 3859651.99	2.35E-06	3.71E-10	1.29E-10	2.32E-06	3.66E-10	1.28E-10	2.26E-06	3.55E-10	1.24E-10
2116	494811.06, 3859651.99	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.60E-10	1.25E-10	2.22E-06	3.49E-10	1.22E-10
2117	494861.06, 3859651.99	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.57E-10	1.24E-10	2.20E-06	3.46E-10	1.21E-10
2118	494911.06, 3859651.99	2.26E-06	3.57E-10	1.24E-10	2.23E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
2119	494961.06, 3859651.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.21E-10	2.15E-06	3.39E-10	1.18E-10
2120	495011.06, 3859651.99	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.12E-06	3.35E-10	1.17E-10
2121	495061.06, 3859651.99	2.20E-06	3.47E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2122	495111.06, 3859651.99	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
2123	495161.06, 3859651.99	2.15E-06	3.39E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.25E-10	1.13E-10
2124	495211.06, 3859651.99	2.13E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.22E-10	1.12E-10
2125	495261.06, 3859651.99	2.11E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
2126	495311.06, 3859651.99	2.10E-06	3.30E-10	1.15E-10	2.07E-06	3.26E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
2127	495361.06, 3859651.99	2.08E-06	3.28E-10	1.14E-10	2.05E-06	3.23E-10	1.13E-10	1.99E-06	3.14E-10	1.09E-10
2128	495411.06, 3859651.99	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.11E-10	1.97E-06	3.11E-10	1.08E-10
2129	495461.06, 3859651.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.94E-06	3.05E-10	1.06E-10
2130	495511.06, 3859651.99	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
2131	495561.06, 3859651.99	1.97E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
2132	495611.06, 3859651.99	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.06E-10	1.87E-06	2.94E-10	1.03E-10
2133	495661.06, 3859651.99	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.91E-10	1.01E-10
2134	494311.06, 3859701.99	2.55E-06	4.02E-10	1.40E-10	2.52E-06	3.96E-10	1.38E-10	2.44E-06	3.85E-10	1.34E-10
2135	494361.06, 3859701.99	2.51E-06	3.96E-10	1.38E-10	2.48E-06	3.91E-10	1.36E-10	2.41E-06	3.80E-10	1.32E-10
2136	494411.06, 3859701.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.88E-10	1.35E-10	2.39E-06	3.77E-10	1.31E-10
2137	494461.06, 3859701.99	2.51E-06	3.95E-10	1.38E-10	2.48E-06	3.90E-10	1.36E-10	2.40E-06	3.79E-10	1.32E-10
2138	494511.06, 3859701.99	2.48E-06	3.91E-10	1.36E-10	2.45E-06	3.86E-10	1.34E-10	2.38E-06	3.75E-10	1.31E-10
2139	494561.06, 3859701.99	2.46E-06	3.88E-10	1.35E-10	2.43E-06	3.83E-10	1.33E-10	2.36E-06	3.72E-10	1.30E-10
2140	494611.06, 3859701.99	2.44E-06	3.85E-10	1.34E-10	2.41E-06	3.80E-10	1.32E-10	2.34E-06	3.69E-10	1.28E-10
2141	494661.06, 3859701.99	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
2142	494711.06, 3859701.99	2.36E-06	3.72E-10	1.30E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.57E-10	1.24E-10
2143	494761.06, 3859701.99	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.52E-10	1.23E-10
2144	494811.06, 3859701.99	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.57E-10	1.24E-10	2.20E-06	3.46E-10	1.21E-10
2145	494861.06, 3859701.99	2.29E-06	3.61E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.20E-06	3.46E-10	1.20E-10
2146	494911.06, 3859701.99	2.26E-06	3.56E-10	1.24E-10	2.23E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
2147	494961.06, 3859701.99	2.23E-06	3.52E-10	1.23E-10	2.21E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.18E-10
2148	495011.06, 3859701.99	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
2149	495061.06, 3859701.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2150	495111.06, 3859701.99	2.17E-06	3.43E-10	1.19E-10	2.15E-06	3.38E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
2151	495161.06, 3859701.99	2.15E-06	3.39E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.25E-10	1.13E-10
2152	495211.06, 3859701.99	2.12E-06	3.34E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.03E-06	3.20E-10	1.12E-10
2153	495261.06, 3859701.99	2.12E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.19E-10	1.11E-10
2154	495311.06, 3859701.99	2.09E-06	3.30E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
2155	495361.06, 3859701.99	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
2156	495411.06, 3859701.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.95E-06	3.08E-10	1.07E-10
2157	495461.06, 3859701.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2158	495511.06, 3859701.99	1.97E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
2159	495561.06, 3859701.99	1.97E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
2160	495611.06, 3859701.99	1.95E-06	3.07E-10	1.07E-10	1.93E-06	3.03E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
2161	495661.06, 3859701.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
2162	494311.06, 3859751.99	2.52E-06	3.98E-10	1.39E-10	2.49E-06	3.93E-10	1.37E-10	2.42E-06	3.81E-10	1.33E-10
2163	494361.06, 3859751.99	2.50E-06	3.94E-10	1.37E-10	2.47E-06	3.89E-10	1.35E-10	2.40E-06	3.77E-10	1.31E-10
2164	494411.06, 3859751.99	2.47E-06	3.89E-10	1.35E-10	2.43E-06	3.84E-10	1.34E-10	2.36E-06	3.72E-10	1.30E-10
2165	494461.06, 3859751.99	2.47E-06	3.89E-10	1.35E-10	2.44E-06	3.84E-10	1.34E-10	2.37E-06	3.73E-10	1.30E-10
2166	494511.06, 3859751.99	2.46E-06	3.87E-10	1.35E-10	2.43E-06	3.82E-10	1.33E-10	2.36E-06	3.71E-10	1.29E-10

2167	494561.06, 3859751.99	2.43E-06	3.84E-10	1.34E-10	2.40E-06	3.79E-10	1.32E-10	2.33E-06	3.68E-10	1.28E-10
2168	494611.06, 3859751.99	2.40E-06	3.79E-10	1.32E-10	2.37E-06	3.74E-10	1.30E-10	2.30E-06	3.63E-10	1.26E-10
2169	494661.06, 3859751.99	2.35E-06	3.71E-10	1.29E-10	2.32E-06	3.66E-10	1.27E-10	2.26E-06	3.55E-10	1.24E-10
2170	494711.06, 3859751.99	2.35E-06	3.69E-10	1.29E-10	2.31E-06	3.65E-10	1.27E-10	2.25E-06	3.54E-10	1.23E-10
2171	494761.06, 3859751.99	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.62E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
2172	494811.06, 3859751.99	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.58E-10	1.25E-10	2.20E-06	3.47E-10	1.21E-10
2173	494861.06, 3859751.99	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
2174	494911.06, 3859751.99	2.26E-06	3.56E-10	1.24E-10	2.23E-06	3.51E-10	1.22E-10	2.16E-06	3.41E-10	1.19E-10
2175	494961.06, 3859751.99	2.24E-06	3.52E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.14E-06	3.38E-10	1.18E-10
2176	495011.06, 3859751.99	2.21E-06	3.49E-10	1.22E-10	2.19E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
2177	495061.06, 3859751.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2178	495111.06, 3859751.99	2.18E-06	3.43E-10	1.19E-10	2.15E-06	3.38E-10	1.18E-10	2.09E-06	3.29E-10	1.14E-10
2179	495161.06, 3859751.99	2.15E-06	3.39E-10	1.18E-10	2.12E-06	3.35E-10	1.17E-10	2.06E-06	3.25E-10	1.13E-10
2180	495211.06, 3859751.99	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
2181	495261.06, 3859751.99	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
2182	495311.06, 3859751.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
2183	495361.06, 3859751.99	2.07E-06	3.25E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
2184	495411.06, 3859751.99	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
2185	495461.06, 3859751.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2186	495511.06, 3859751.99	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.90E-06	3.00E-10	1.04E-10
2187	495561.06, 3859751.99	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.06E-10	1.88E-06	2.97E-10	1.03E-10
2188	495611.06, 3859751.99	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.05E-10	1.87E-06	2.94E-10	1.02E-10
2189	495661.06, 3859751.99	1.93E-06	3.04E-10	1.06E-10	1.91E-06	3.00E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
2190	494311.06, 3859801.99	2.50E-06	3.93E-10	1.37E-10	2.46E-06	3.88E-10	1.35E-10	2.39E-06	3.77E-10	1.31E-10
2191	494361.06, 3859801.99	2.46E-06	3.88E-10	1.35E-10	2.43E-06	3.83E-10	1.33E-10	2.36E-06	3.72E-10	1.30E-10
2192	494411.06, 3859801.99	2.43E-06	3.82E-10	1.33E-10	2.40E-06	3.77E-10	1.31E-10	2.33E-06	3.66E-10	1.28E-10
2193	494461.06, 3859801.99	2.42E-06	3.82E-10	1.33E-10	2.39E-06	3.77E-10	1.31E-10	2.32E-06	3.66E-10	1.28E-10
2194	494511.06, 3859801.99	2.43E-06	3.82E-10	1.33E-10	2.39E-06	3.77E-10	1.31E-10	2.32E-06	3.66E-10	1.28E-10
2195	494561.06, 3859801.99	2.40E-06	3.79E-10	1.32E-10	2.37E-06	3.74E-10	1.30E-10	2.30E-06	3.63E-10	1.26E-10
2196	494611.06, 3859801.99	2.36E-06	3.72E-10	1.30E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
2197	494661.06, 3859801.99	2.34E-06	3.68E-10	1.28E-10	2.31E-06	3.63E-10	1.27E-10	2.24E-06	3.53E-10	1.23E-10
2198	494711.06, 3859801.99	2.31E-06	3.63E-10	1.27E-10	2.28E-06	3.58E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
2199	494761.06, 3859801.99	2.31E-06	3.63E-10	1.27E-10	2.27E-06	3.58E-10	1.25E-10	2.21E-06	3.48E-10	1.21E-10
2200	494811.06, 3859801.99	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.44E-10	1.20E-10
2201	494861.06, 3859801.99	2.26E-06	3.57E-10	1.24E-10	2.23E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
2202	494911.06, 3859801.99	2.24E-06	3.52E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.14E-06	3.38E-10	1.18E-10
2203	494961.06, 3859801.99	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
2204	495011.06, 3859801.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2205	495061.06, 3859801.99	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
2206	495111.06, 3859801.99	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.25E-10	1.13E-10
2207	495161.06, 3859801.99	2.13E-06	3.36E-10	1.17E-10	2.10E-06	3.32E-10	1.15E-10	2.04E-06	3.22E-10	1.12E-10
2208	495211.06, 3859801.99	2.12E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.19E-10	1.11E-10
2209	495261.06, 3859801.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.16E-10	1.10E-10
2210	495311.06, 3859801.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
2211	495361.06, 3859801.99	2.05E-06	3.24E-10	1.13E-10	2.03E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
2212	495411.06, 3859801.99	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.16E-10	1.10E-10	1.95E-06	3.06E-10	1.07E-10
2213	495461.06, 3859801.99	2.01E-06	3.17E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.93E-06	3.03E-10	1.06E-10
2214	495511.06, 3859801.99	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
2215	495561.06, 3859801.99	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2216	495611.06, 3859801.99	1.95E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
2217	495661.06, 3859801.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
2218	494311.06, 3859851.99	2.45E-06	3.86E-10	1.35E-10	2.42E-06	3.81E-10	1.33E-10	2.35E-06	3.70E-10	1.29E-10
2219	494361.06, 3859851.99	2.43E-06	3.82E-10	1.33E-10	2.40E-06	3.77E-10	1.31E-10	2.33E-06	3.66E-10	1.28E-10
2220	494411.06, 3859851.99	2.40E-06	3.78E-10	1.32E-10	2.37E-06	3.73E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
2221	494461.06, 3859851.99	2.38E-06	3.74E-10	1.30E-10	2.34E-06	3.69E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
2222	494511.06, 3859851.99	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
2223	494561.06, 3859851.99	2.36E-06	3.72E-10	1.30E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.57E-10	1.24E-10
2224	494611.06, 3859851.99	2.32E-06	3.66E-10	1.27E-10	2.29E-06	3.61E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
2225	494661.06, 3859851.99	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.49E-10	1.22E-10
2226	494711.06, 3859851.99	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
2227	494761.06, 3859851.99	2.28E-06	3.58E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
2228	494811.06, 3859851.99	2.25E-06	3.55E-10	1.24E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.19E-10
2229	494861.06, 3859851.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
2230	494911.06, 3859851.99	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.12E-06	3.35E-10	1.17E-10
2231	494961.06, 3859851.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2232	495011.06, 3859851.99	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
2233	495061.06, 3859851.99	2.16E-06	3.41E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
2234	495111.06, 3859851.99	2.14E-06	3.37E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.23E-10	1.12E-10
2235	495161.06, 3859851.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
2236	495211.06, 3859851.99	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.26E-10	1.14E-10	2.01E-06	3.17E-10	1.10E-10

2237	495261.06, 3859851.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.13E-10	1.99E-06	3.14E-10	1.09E-10
2238	495311.06, 3859851.99	2.06E-06	3.25E-10	1.13E-10	2.03E-06	3.21E-10	1.12E-10	1.98E-06	3.11E-10	1.08E-10
2239	495361.06, 3859851.99	2.04E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.07E-10
2240	495411.06, 3859851.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.94E-06	3.05E-10	1.06E-10
2241	495461.06, 3859851.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
2242	495511.06, 3859851.99	1.97E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
2243	495561.06, 3859851.99	1.96E-06	3.09E-10	1.08E-10	1.93E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2244	495611.06, 3859851.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.94E-10	1.02E-10
2245	495661.06, 3859851.99	1.92E-06	3.03E-10	1.05E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
2246	494311.06, 3859901.99	2.41E-06	3.79E-10	1.32E-10	2.37E-06	3.74E-10	1.30E-10	2.31E-06	3.63E-10	1.27E-10
2247	494361.06, 3859901.99	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.69E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
2248	494411.06, 3859901.99	2.36E-06	3.72E-10	1.29E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
2249	494461.06, 3859901.99	2.34E-06	3.68E-10	1.28E-10	2.31E-06	3.64E-10	1.27E-10	2.24E-06	3.53E-10	1.23E-10
2250	494511.06, 3859901.99	2.32E-06	3.66E-10	1.28E-10	2.29E-06	3.61E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
2251	494561.06, 3859901.99	2.32E-06	3.66E-10	1.28E-10	2.29E-06	3.61E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
2252	494611.06, 3859901.99	2.29E-06	3.60E-10	1.25E-10	2.26E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
2253	494661.06, 3859901.99	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.44E-10	1.20E-10
2254	494711.06, 3859901.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.21E-10	2.15E-06	3.39E-10	1.18E-10
2255	494761.06, 3859901.99	2.23E-06	3.52E-10	1.23E-10	2.21E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.18E-10
2256	494811.06, 3859901.99	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.46E-10	1.21E-10	2.13E-06	3.36E-10	1.17E-10
2257	494861.06, 3859901.99	2.21E-06	3.48E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
2258	494911.06, 3859901.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.40E-10	1.19E-10	2.10E-06	3.30E-10	1.15E-10
2259	494961.06, 3859901.99	2.17E-06	3.42E-10	1.19E-10	2.15E-06	3.38E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
2260	495011.06, 3859901.99	2.15E-06	3.39E-10	1.18E-10	2.12E-06	3.35E-10	1.17E-10	2.06E-06	3.25E-10	1.13E-10
2261	495061.06, 3859901.99	2.13E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.22E-10	1.12E-10
2262	495111.06, 3859901.99	2.11E-06	3.33E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
2263	495161.06, 3859901.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.16E-10	1.10E-10
2264	495211.06, 3859901.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.12E-10	1.99E-06	3.14E-10	1.09E-10
2265	495261.06, 3859901.99	2.05E-06	3.23E-10	1.13E-10	2.02E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
2266	495311.06, 3859901.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.95E-06	3.08E-10	1.07E-10
2267	495361.06, 3859901.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.94E-06	3.05E-10	1.06E-10
2268	495411.06, 3859901.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.91E-06	3.02E-10	1.05E-10
2269	495461.06, 3859901.99	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.07E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
2270	495511.06, 3859901.99	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2271	495561.06, 3859901.99	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.06E-10	1.87E-06	2.94E-10	1.03E-10
2272	495611.06, 3859901.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
2273	495661.06, 3859901.99	1.91E-06	3.00E-10	1.05E-10	1.88E-06	2.96E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
2274	494311.06, 3859951.99	2.36E-06	3.72E-10	1.30E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.57E-10	1.24E-10
2275	494361.06, 3859951.99	2.34E-06	3.68E-10	1.28E-10	2.31E-06	3.63E-10	1.27E-10	2.24E-06	3.53E-10	1.23E-10
2276	494411.06, 3859951.99	2.32E-06	3.65E-10	1.27E-10	2.29E-06	3.60E-10	1.25E-10	2.22E-06	3.50E-10	1.22E-10
2277	494461.06, 3859951.99	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.57E-10	1.24E-10	2.20E-06	3.47E-10	1.21E-10
2278	494511.06, 3859951.99	2.28E-06	3.60E-10	1.25E-10	2.25E-06	3.55E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
2279	494561.06, 3859951.99	2.29E-06	3.60E-10	1.25E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
2280	494611.06, 3859951.99	2.25E-06	3.55E-10	1.24E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.19E-10
2281	494661.06, 3859951.99	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.50E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
2282	494711.06, 3859951.99	2.22E-06	3.49E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
2283	494761.06, 3859951.99	2.20E-06	3.47E-10	1.21E-10	2.18E-06	3.43E-10	1.19E-10	2.11E-06	3.33E-10	1.16E-10
2284	494811.06, 3859951.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.40E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
2285	494861.06, 3859951.99	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
2286	494911.06, 3859951.99	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.26E-10	1.13E-10
2287	494961.06, 3859951.99	2.14E-06	3.37E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.23E-10	1.12E-10
2288	495011.06, 3859951.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.20E-10	1.11E-10
2289	495061.06, 3859951.99	2.10E-06	3.31E-10	1.15E-10	2.08E-06	3.27E-10	1.14E-10	2.02E-06	3.17E-10	1.11E-10
2290	495111.06, 3859951.99	2.08E-06	3.28E-10	1.14E-10	2.05E-06	3.24E-10	1.13E-10	2.00E-06	3.14E-10	1.10E-10
2291	495161.06, 3859951.99	2.06E-06	3.25E-10	1.13E-10	2.03E-06	3.21E-10	1.12E-10	1.98E-06	3.11E-10	1.08E-10
2292	495211.06, 3859951.99	2.04E-06	3.22E-10	1.12E-10	2.01E-06	3.17E-10	1.11E-10	1.96E-06	3.08E-10	1.07E-10
2293	495261.06, 3859951.99	2.02E-06	3.19E-10	1.11E-10	2.00E-06	3.15E-10	1.10E-10	1.94E-06	3.06E-10	1.06E-10
2294	495311.06, 3859951.99	2.01E-06	3.17E-10	1.10E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2295	495361.06, 3859951.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.91E-06	3.02E-10	1.05E-10
2296	495411.06, 3859951.99	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.07E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
2297	495461.06, 3859951.99	1.96E-06	3.09E-10	1.08E-10	1.93E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2298	495511.06, 3859951.99	1.94E-06	3.06E-10	1.06E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
2299	495561.06, 3859951.99	1.93E-06	3.04E-10	1.06E-10	1.91E-06	3.00E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
2300	495611.06, 3859951.99	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
2301	495661.06, 3859951.99	1.89E-06	2.98E-10	1.04E-10	1.86E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.94E-11
2302	494311.06, 3860001.99	2.31E-06	3.65E-10	1.27E-10	2.28E-06	3.60E-10	1.25E-10	2.22E-06	3.49E-10	1.22E-10
2303	494361.06, 3860001.99	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.57E-10	1.24E-10	2.20E-06	3.47E-10	1.21E-10
2304	494411.06, 3860001.99	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.19E-10
2305	494461.06, 3860001.99	2.26E-06	3.56E-10	1.24E-10	2.23E-06	3.51E-10	1.22E-10	2.16E-06	3.41E-10	1.19E-10
2306	494511.06, 3860001.99	2.24E-06	3.52E-10	1.23E-10	2.21E-06	3.48E-10	1.21E-10	2.14E-06	3.38E-10	1.18E-10

2307	494561.06, 3860001.99	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
2308	494611.06, 3860001.99	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
2309	494661.06, 3860001.99	2.21E-06	3.48E-10	1.21E-10	2.18E-06	3.43E-10	1.20E-10	2.12E-06	3.33E-10	1.16E-10
2310	494711.06, 3860001.99	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.38E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
2311	494761.06, 3860001.99	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
2312	494811.06, 3860001.99	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.26E-10	1.13E-10
2313	494861.06, 3860001.99	2.15E-06	3.38E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.24E-10	1.13E-10
2314	494911.06, 3860001.99	2.11E-06	3.33E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
2315	494961.06, 3860001.99	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.27E-10	1.14E-10	2.01E-06	3.17E-10	1.10E-10
2316	495011.06, 3860001.99	2.08E-06	3.28E-10	1.14E-10	2.05E-06	3.24E-10	1.13E-10	1.99E-06	3.14E-10	1.09E-10
2317	495061.06, 3860001.99	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.13E-10	1.09E-10
2318	495111.06, 3860001.99	2.05E-06	3.23E-10	1.13E-10	2.02E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
2319	495161.06, 3860001.99	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.16E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
2320	495211.06, 3860001.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.14E-10	1.09E-10	1.94E-06	3.05E-10	1.06E-10
2321	495261.06, 3860001.99	2.00E-06	3.15E-10	1.10E-10	1.98E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
2322	495311.06, 3860001.99	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
2323	495361.06, 3860001.99	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2324	495411.06, 3860001.99	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
2325	495461.06, 3860001.99	1.94E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
2326	495511.06, 3860001.99	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
2327	495561.06, 3860001.99	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
2328	495611.06, 3860001.99	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.86E-10	9.95E-11
2329	495661.06, 3860001.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.79E-06	2.83E-10	9.85E-11
2330	494411.06, 3860051.99	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.17E-10
2331	494461.06, 3860051.99	2.21E-06	3.49E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
2332	494511.06, 3860051.99	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.41E-10	1.19E-10	2.10E-06	3.32E-10	1.16E-10
2333	494561.06, 3860051.99	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
2334	494611.06, 3860051.99	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
2335	494661.06, 3860051.99	2.17E-06	3.41E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
2336	494711.06, 3860051.99	2.14E-06	3.38E-10	1.18E-10	2.11E-06	3.33E-10	1.16E-10	2.05E-06	3.24E-10	1.13E-10
2337	494761.06, 3860051.99	2.13E-06	3.36E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.22E-10	1.12E-10
2338	494811.06, 3860051.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.30E-10	1.15E-10	2.03E-06	3.20E-10	1.12E-10
2339	494861.06, 3860051.99	2.11E-06	3.33E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
2340	494911.06, 3860051.99	2.09E-06	3.30E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.16E-10	1.10E-10
2341	494961.06, 3860051.99	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.13E-10	1.09E-10
2342	495011.06, 3860051.99	2.05E-06	3.23E-10	1.13E-10	2.03E-06	3.19E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
2343	495061.06, 3860051.99	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
2344	495111.06, 3860051.99	2.02E-06	3.18E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2345	495161.06, 3860051.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
2346	495211.06, 3860051.99	1.98E-06	3.12E-10	1.09E-10	1.96E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
2347	495261.06, 3860051.99	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.89E-06	2.97E-10	1.04E-10
2348	495311.06, 3860051.99	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2349	495361.06, 3860051.99	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.94E-10	1.02E-10
2350	495411.06, 3860051.99	1.93E-06	3.04E-10	1.06E-10	1.90E-06	3.00E-10	1.05E-10	1.85E-06	2.91E-10	1.01E-10
2351	495461.06, 3860051.99	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
2352	495511.06, 3860051.99	1.90E-06	2.99E-10	1.04E-10	1.88E-06	2.95E-10	1.03E-10	1.82E-06	2.87E-10	1.00E-10
2353	495561.06, 3860051.99	1.89E-06	2.97E-10	1.03E-10	1.86E-06	2.93E-10	1.02E-10	1.81E-06	2.85E-10	9.92E-11
2354	495611.06, 3860051.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.79E-06	2.82E-10	9.84E-11
2355	495661.06, 3860051.99	1.85E-06	2.92E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.77E-06	2.79E-10	9.73E-11
2356	494411.06, 3860101.99	2.18E-06	3.43E-10	1.19E-10	2.15E-06	3.38E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
2357	494461.06, 3860101.99	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
2358	494511.06, 3860101.99	2.15E-06	3.38E-10	1.18E-10	2.12E-06	3.34E-10	1.16E-10	2.06E-06	3.24E-10	1.13E-10
2359	494561.06, 3860101.99	2.14E-06	3.37E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.23E-10	1.12E-10
2360	494611.06, 3860101.99	2.13E-06	3.36E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.22E-10	1.12E-10
2361	494661.06, 3860101.99	2.12E-06	3.34E-10	1.16E-10	2.09E-06	3.30E-10	1.15E-10	2.03E-06	3.20E-10	1.12E-10
2362	494711.06, 3860101.99	2.10E-06	3.31E-10	1.15E-10	2.07E-06	3.27E-10	1.14E-10	2.01E-06	3.17E-10	1.11E-10
2363	494761.06, 3860101.99	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.25E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
2364	494811.06, 3860101.99	2.08E-06	3.27E-10	1.14E-10	2.05E-06	3.23E-10	1.12E-10	1.99E-06	3.14E-10	1.09E-10
2365	494861.06, 3860101.99	2.07E-06	3.27E-10	1.14E-10	2.05E-06	3.22E-10	1.12E-10	1.99E-06	3.13E-10	1.09E-10
2366	494911.06, 3860101.99	2.05E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
2367	494961.06, 3860101.99	2.03E-06	3.20E-10	1.12E-10	2.01E-06	3.16E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
2368	495011.06, 3860101.99	2.01E-06	3.17E-10	1.11E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
2369	495061.06, 3860101.99	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
2370	495111.06, 3860101.99	1.98E-06	3.12E-10	1.09E-10	1.95E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
2371	495161.06, 3860101.99	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.89E-06	2.97E-10	1.03E-10
2372	495211.06, 3860101.99	1.95E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
2373	495261.06, 3860101.99	1.94E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
2374	495311.06, 3860101.99	1.93E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.91E-10	1.01E-10
2375	495361.06, 3860101.99	1.91E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
2376	495411.06, 3860101.99	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.87E-10	9.99E-11

2377	495461.06, 3860101.99	1.88E-06	2.96E-10	1.03E-10	1.86E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.89E-11
2378	495511.06, 3860101.99	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.79E-06	2.82E-10	9.84E-11
2379	495561.06, 3860101.99	1.86E-06	2.93E-10	1.02E-10	1.84E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.78E-11
2380	495611.06, 3860101.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.69E-11
2381	495661.06, 3860101.99	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.90E-11	1.75E-06	2.76E-10	9.61E-11
2382	494861.06, 3860151.99	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.16E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
2383	494911.06, 3860151.99	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.92E-06	3.03E-10	1.06E-10
2384	494961.06, 3860151.99	1.99E-06	3.14E-10	1.09E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
2385	495011.06, 3860151.99	1.98E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
2386	495061.06, 3860151.99	1.96E-06	3.09E-10	1.08E-10	1.94E-06	3.05E-10	1.06E-10	1.88E-06	2.96E-10	1.03E-10
2387	495111.06, 3860151.99	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.05E-10	1.87E-06	2.94E-10	1.02E-10
2388	495161.06, 3860151.99	1.93E-06	3.05E-10	1.06E-10	1.91E-06	3.01E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
2389	495211.06, 3860151.99	1.92E-06	3.02E-10	1.05E-10	1.89E-06	2.98E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
2390	495261.06, 3860151.99	1.91E-06	3.00E-10	1.05E-10	1.88E-06	2.97E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
2391	495311.06, 3860151.99	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.86E-10	9.97E-11
2392	495361.06, 3860151.99	1.88E-06	2.97E-10	1.03E-10	1.86E-06	2.93E-10	1.02E-10	1.80E-06	2.84E-10	9.90E-11
2393	495411.06, 3860151.99	1.87E-06	2.94E-10	1.03E-10	1.84E-06	2.91E-10	1.01E-10	1.79E-06	2.82E-10	9.83E-11
2394	495461.06, 3860151.99	1.86E-06	2.92E-10	1.02E-10	1.83E-06	2.89E-10	1.01E-10	1.78E-06	2.80E-10	9.76E-11
2395	495511.06, 3860151.99	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.98E-11	1.77E-06	2.78E-10	9.69E-11
2396	495561.06, 3860151.99	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.85E-10	9.91E-11	1.75E-06	2.76E-10	9.63E-11
2397	495611.06, 3860151.99	1.82E-06	2.86E-10	9.97E-11	1.79E-06	2.82E-10	9.84E-11	1.74E-06	2.74E-10	9.55E-11
2398	495661.06, 3860151.99	1.80E-06	2.84E-10	9.88E-11	1.78E-06	2.80E-10	9.75E-11	1.73E-06	2.72E-10	9.47E-11
2399	495718.25, 3859442.96	1.85E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	1.00E-10	1.77E-06	2.79E-10	9.72E-11
2400	495818.25, 3859442.96	1.80E-06	2.83E-10	9.86E-11	1.77E-06	2.79E-10	9.73E-11	1.72E-06	2.71E-10	9.45E-11
2401	495918.25, 3859442.96	1.76E-06	2.77E-10	9.65E-11	1.74E-06	2.73E-10	9.53E-11	1.69E-06	2.66E-10	9.25E-11
2402	496018.25, 3859442.96	1.73E-06	2.72E-10	9.48E-11	1.70E-06	2.69E-10	9.35E-11	1.66E-06	2.61E-10	9.08E-11
2403	496118.25, 3859442.96	1.74E-06	2.74E-10	9.54E-11	1.71E-06	2.70E-10	9.41E-11	1.67E-06	2.62E-10	9.14E-11
2404	496218.25, 3859442.96	1.74E-06	2.74E-10	9.56E-11	1.72E-06	2.71E-10	9.43E-11	1.67E-06	2.63E-10	9.16E-11
2405	496318.25, 3859442.96	1.71E-06	2.70E-10	9.41E-11	1.69E-06	2.66E-10	9.28E-11	1.64E-06	2.59E-10	9.01E-11
2406	496418.25, 3859442.96	1.68E-06	2.65E-10	9.24E-11	1.66E-06	2.62E-10	9.12E-11	1.61E-06	2.54E-10	8.86E-11
2407	495718.25, 3859542.96	1.88E-06	2.96E-10	1.03E-10	1.86E-06	2.92E-10	1.02E-10	1.80E-06	2.84E-10	9.89E-11
2408	495818.25, 3859542.96	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.87E-10	9.98E-11	1.77E-06	2.78E-10	9.69E-11
2409	495918.25, 3859542.96	1.80E-06	2.83E-10	9.86E-11	1.77E-06	2.79E-10	9.73E-11	1.72E-06	2.71E-10	9.45E-11
2410	496018.25, 3859542.96	1.76E-06	2.77E-10	9.65E-11	1.74E-06	2.73E-10	9.53E-11	1.69E-06	2.66E-10	9.25E-11
2411	496118.25, 3859542.96	1.77E-06	2.78E-10	9.70E-11	1.74E-06	2.75E-10	9.57E-11	1.69E-06	2.67E-10	9.29E-11
2412	496218.25, 3859542.96	1.76E-06	2.78E-10	9.67E-11	1.74E-06	2.74E-10	9.54E-11	1.69E-06	2.66E-10	9.27E-11
2413	496318.25, 3859542.96	1.75E-06	2.75E-10	9.59E-11	1.73E-06	2.72E-10	9.47E-11	1.68E-06	2.64E-10	9.20E-11
2414	496418.25, 3859542.96	1.71E-06	2.69E-10	9.38E-11	1.69E-06	2.66E-10	9.26E-11	1.64E-06	2.58E-10	8.99E-11
2415	495718.25, 3859642.96	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.86E-10	9.95E-11
2416	495818.25, 3859642.96	1.85E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	1.00E-10	1.77E-06	2.79E-10	9.72E-11
2417	495918.25, 3859642.96	1.82E-06	2.87E-10	9.99E-11	1.80E-06	2.83E-10	9.86E-11	1.74E-06	2.75E-10	9.57E-11
2418	496018.25, 3859642.96	1.78E-06	2.81E-10	9.78E-11	1.76E-06	2.77E-10	9.65E-11	1.71E-06	2.69E-10	9.38E-11
2419	496118.25, 3859642.96	1.79E-06	2.83E-10	9.85E-11	1.77E-06	2.79E-10	9.72E-11	1.72E-06	2.71E-10	9.44E-11
2420	496218.25, 3859642.96	1.79E-06	2.82E-10	9.84E-11	1.77E-06	2.79E-10	9.71E-11	1.72E-06	2.71E-10	9.43E-11
2421	496318.25, 3859642.96	1.76E-06	2.77E-10	9.66E-11	1.74E-06	2.74E-10	9.54E-11	1.69E-06	2.66E-10	9.26E-11
2422	496418.25, 3859642.96	1.66E-06	2.62E-10	9.13E-11	1.64E-06	2.59E-10	9.01E-11	1.59E-06	2.51E-10	8.75E-11
2423	495718.25, 3859742.96	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.03E-10	1.83E-06	2.88E-10	1.00E-10
2424	495818.25, 3859742.96	1.86E-06	2.93E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.78E-06	2.81E-10	9.80E-11
2425	495918.25, 3859742.96	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.90E-11	1.75E-06	2.76E-10	9.61E-11
2426	496018.25, 3859742.96	1.79E-06	2.82E-10	9.82E-11	1.77E-06	2.78E-10	9.69E-11	1.71E-06	2.70E-10	9.41E-11
2427	496118.25, 3859742.96	1.79E-06	2.82E-10	9.84E-11	1.77E-06	2.79E-10	9.71E-11	1.72E-06	2.71E-10	9.43E-11
2428	496218.25, 3859742.96	1.80E-06	2.84E-10	9.89E-11	1.78E-06	2.80E-10	9.76E-11	1.73E-06	2.72E-10	9.48E-11
2429	496318.25, 3859742.96	1.72E-06	2.72E-10	9.46E-11	1.70E-06	2.68E-10	9.34E-11	1.65E-06	2.60E-10	9.07E-11
2430	496418.25, 3859742.96	1.65E-06	2.60E-10	9.07E-11	1.63E-06	2.57E-10	8.95E-11	1.58E-06	2.50E-10	8.70E-11
2431	495718.25, 3859842.96	1.90E-06	3.00E-10	1.04E-10	1.88E-06	2.96E-10	1.03E-10	1.82E-06	2.87E-10	1.00E-10
2432	495818.25, 3859842.96	1.87E-06	2.94E-10	1.02E-10	1.84E-06	2.90E-10	1.01E-10	1.79E-06	2.82E-10	9.82E-11
2433	495918.25, 3859842.96	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.85E-10	9.92E-11	1.75E-06	2.76E-10	9.63E-11
2434	496018.25, 3859842.96	1.81E-06	2.85E-10	9.92E-11	1.78E-06	2.81E-10	9.79E-11	1.73E-06	2.73E-10	9.51E-11
2435	496118.25, 3859842.96	1.82E-06	2.86E-10	9.98E-11	1.79E-06	2.83E-10	9.85E-11	1.74E-06	2.75E-10	9.56E-11
2436	496218.25, 3859842.96	1.75E-06	2.76E-10	9.60E-11	1.73E-06	2.72E-10	9.48E-11	1.68E-06	2.64E-10	9.21E-11
2437	496318.25, 3859842.96	1.62E-06	2.55E-10	8.89E-11	1.60E-06	2.52E-10	8.77E-11	1.55E-06	2.45E-10	8.52E-11
2438	496418.25, 3859842.96	1.53E-06	2.41E-10	8.41E-11	1.51E-06	2.38E-10	8.30E-11	1.47E-06	2.31E-10	8.06E-11
2439	495718.25, 3859942.96	1.88E-06	2.96E-10	1.03E-10	1.85E-06	2.92E-10	1.02E-10	1.80E-06	2.83E-10	9.87E-11
2440	495818.25, 3859942.96	1.84E-06	2.90E-10	1.01E-10	1.82E-06	2.86E-10	9.97E-11	1.76E-06	2.78E-10	9.68E-11
2441	495918.25, 3859942.96	1.81E-06	2.86E-10	9.96E-11	1.79E-06	2.82E-10	9.83E-11	1.74E-06	2.74E-10	9.54E-11
2442	496018.25, 3859942.96	1.81E-06	2.85E-10	9.93E-11	1.78E-06	2.81E-10	9.80E-11	1.73E-06	2.73E-10	9.51E-11
2443	496118.25, 3859942.96	1.76E-06	2.77E-10	9.65E-11	1.74E-06	2.73E-10	9.53E-11	1.69E-06	2.66E-10	9.25E-11
2444	496218.25, 3859942.96	1.68E-06	2.65E-10	9.22E-11	1.66E-06	2.61E-10	9.10E-11	1.61E-06	2.54E-10	8.83E-11
2445	496318.25, 3859942.96	1.59E-06	2.51E-10	8.75E-11	1.57E-06	2.48E-10	8.64E-11	1.53E-06	2.41E-10	8.39E-11
2446	496418.25, 3859942.96	1.48E-06	2.33E-10	8.12E-11	1.46E-06	2.30E-10	8.02E-11	1.42E-06	2.23E-10	7.78E-11

2447	496856.82, 3858864.83	1.35E-06	2.13E-10	7.41E-11	1.33E-06	2.10E-10	7.31E-11	1.29E-06	2.04E-10	7.10E-11
2448	496956.82, 3858864.83	1.32E-06	2.08E-10	7.25E-11	1.30E-06	2.05E-10	7.15E-11	1.27E-06	1.99E-10	6.95E-11
2449	497056.82, 3858864.83	1.29E-06	2.04E-10	7.09E-11	1.28E-06	2.01E-10	7.00E-11	1.24E-06	1.95E-10	6.80E-11
2450	497156.82, 3858864.83	1.26E-06	1.98E-10	6.91E-11	1.24E-06	1.96E-10	6.82E-11	1.21E-06	1.90E-10	6.62E-11
2451	497256.82, 3858864.83	1.25E-06	1.96E-10	6.83E-11	1.23E-06	1.94E-10	6.75E-11	1.19E-06	1.88E-10	6.55E-11
2452	496856.82, 3858964.83	1.38E-06	2.18E-10	7.58E-11	1.36E-06	2.15E-10	7.48E-11	1.32E-06	2.09E-10	7.26E-11
2453	496956.82, 3858964.83	1.34E-06	2.11E-10	7.36E-11	1.32E-06	2.08E-10	7.26E-11	1.28E-06	2.02E-10	7.05E-11
2454	497056.82, 3858964.83	1.31E-06	2.06E-10	7.19E-11	1.29E-06	2.04E-10	7.09E-11	1.26E-06	1.98E-10	6.89E-11
2455	497156.82, 3858964.83	1.28E-06	2.01E-10	7.02E-11	1.26E-06	1.99E-10	6.93E-11	1.23E-06	1.93E-10	6.73E-11
2456	497256.82, 3858964.83	1.29E-06	2.02E-10	7.05E-11	1.27E-06	2.00E-10	6.96E-11	1.23E-06	1.94E-10	6.76E-11
2457	496856.82, 3859064.83	1.39E-06	2.19E-10	7.64E-11	1.37E-06	2.16E-10	7.54E-11	1.33E-06	2.10E-10	7.32E-11
2458	496956.82, 3859064.83	1.36E-06	2.14E-10	7.45E-11	1.34E-06	2.11E-10	7.35E-11	1.30E-06	2.05E-10	7.14E-11
2459	497056.82, 3859064.83	1.33E-06	2.09E-10	7.30E-11	1.31E-06	2.07E-10	7.20E-11	1.27E-06	2.01E-10	6.99E-11
2460	497156.82, 3859064.83	1.30E-06	2.06E-10	7.16E-11	1.29E-06	2.03E-10	7.07E-11	1.25E-06	1.97E-10	6.86E-11
2461	497256.82, 3859064.83	1.32E-06	2.09E-10	7.27E-11	1.31E-06	2.06E-10	7.18E-11	1.27E-06	2.00E-10	6.97E-11
2462	496856.82, 3859164.83	1.39E-06	2.19E-10	7.62E-11	1.37E-06	2.16E-10	7.53E-11	1.33E-06	2.10E-10	7.31E-11
2463	496956.82, 3859164.83	1.35E-06	2.13E-10	7.42E-11	1.33E-06	2.10E-10	7.32E-11	1.30E-06	2.04E-10	7.11E-11
2464	497056.82, 3859164.83	1.33E-06	2.10E-10	7.32E-11	1.32E-06	2.07E-10	7.23E-11	1.28E-06	2.01E-10	7.02E-11
2465	497156.82, 3859164.83	1.34E-06	2.11E-10	7.34E-11	1.32E-06	2.08E-10	7.24E-11	1.28E-06	2.02E-10	7.03E-11
2466	497256.82, 3859164.83	1.37E-06	2.15E-10	7.50E-11	1.35E-06	2.12E-10	7.40E-11	1.31E-06	2.06E-10	7.19E-11
2467	496856.82, 3859264.83	1.38E-06	2.17E-10	7.55E-11	1.36E-06	2.14E-10	7.45E-11	1.32E-06	2.08E-10	7.24E-11
2468	496956.82, 3859264.83	1.36E-06	2.15E-10	7.49E-11	1.35E-06	2.12E-10	7.39E-11	1.31E-06	2.06E-10	7.18E-11
2469	497056.82, 3859264.83	1.37E-06	2.16E-10	7.52E-11	1.35E-06	2.13E-10	7.42E-11	1.31E-06	2.07E-10	7.21E-11
2470	497156.82, 3859264.83	1.37E-06	2.16E-10	7.53E-11	1.35E-06	2.13E-10	7.44E-11	1.32E-06	2.07E-10	7.22E-11
2471	497256.82, 3859264.83	1.40E-06	2.20E-10	7.66E-11	1.38E-06	2.17E-10	7.56E-11	1.34E-06	2.11E-10	7.34E-11
2472	497088.92, 3858620.93	1.21E-06	1.91E-10	6.66E-11	1.20E-06	1.89E-10	6.57E-11	1.16E-06	1.83E-10	6.38E-11
2473	497138.92, 3858620.93	1.21E-06	1.90E-10	6.62E-11	1.19E-06	1.88E-10	6.54E-11	1.16E-06	1.82E-10	6.35E-11
2474	497188.92, 3858620.93	1.19E-06	1.88E-10	6.54E-11	1.18E-06	1.85E-10	6.45E-11	1.14E-06	1.80E-10	6.27E-11
2475	497238.92, 3858620.93	1.18E-06	1.86E-10	6.48E-11	1.17E-06	1.84E-10	6.40E-11	1.13E-06	1.78E-10	6.21E-11
2476	497088.92, 3858670.93	1.21E-06	1.91E-10	6.65E-11	1.20E-06	1.88E-10	6.56E-11	1.16E-06	1.83E-10	6.37E-11
2477	497138.92, 3858670.93	1.21E-06	1.91E-10	6.66E-11	1.20E-06	1.89E-10	6.57E-11	1.16E-06	1.83E-10	6.38E-11
2478	497188.92, 3858670.93	1.20E-06	1.89E-10	6.57E-11	1.18E-06	1.86E-10	6.49E-11	1.15E-06	1.81E-10	6.30E-11
2479	497238.92, 3858670.93	1.19E-06	1.88E-10	6.54E-11	1.18E-06	1.85E-10	6.45E-11	1.14E-06	1.80E-10	6.27E-11
2480	497088.92, 3858720.93	1.24E-06	1.95E-10	6.80E-11	1.22E-06	1.93E-10	6.71E-11	1.19E-06	1.87E-10	6.51E-11
2481	497138.92, 3858720.93	1.20E-06	1.90E-10	6.61E-11	1.19E-06	1.87E-10	6.52E-11	1.15E-06	1.82E-10	6.33E-11
2482	497188.92, 3858720.93	1.19E-06	1.88E-10	6.55E-11	1.18E-06	1.86E-10	6.46E-11	1.14E-06	1.80E-10	6.28E-11
2483	497238.92, 3858720.93	1.20E-06	1.90E-10	6.61E-11	1.19E-06	1.87E-10	6.53E-11	1.15E-06	1.82E-10	6.34E-11
2484	497088.92, 3858770.93	1.24E-06	1.96E-10	6.83E-11	1.23E-06	1.93E-10	6.74E-11	1.19E-06	1.88E-10	6.54E-11
2485	497138.92, 3858770.93	1.23E-06	1.93E-10	6.73E-11	1.21E-06	1.91E-10	6.65E-11	1.18E-06	1.85E-10	6.45E-11
2486	497188.92, 3858770.93	1.22E-06	1.91E-10	6.67E-11	1.20E-06	1.89E-10	6.58E-11	1.16E-06	1.83E-10	6.39E-11
2487	497238.92, 3858770.93	1.22E-06	1.92E-10	6.69E-11	1.20E-06	1.89E-10	6.60E-11	1.17E-06	1.84E-10	6.41E-11
2488	497396.65, 3858622.63	1.22E-06	1.92E-10	6.68E-11	1.20E-06	1.89E-10	6.59E-11	1.17E-06	1.84E-10	6.40E-11
2489	497496.65, 3858622.63	1.24E-06	1.95E-10	6.78E-11	1.22E-06	1.92E-10	6.69E-11	1.18E-06	1.86E-10	6.50E-11
2490	497596.65, 3858622.63	1.28E-06	2.02E-10	7.02E-11	1.26E-06	1.99E-10	6.93E-11	1.23E-06	1.93E-10	6.73E-11
2491	497696.65, 3858622.63	1.29E-06	2.03E-10	7.06E-11	1.27E-06	2.00E-10	6.97E-11	1.23E-06	1.94E-10	6.76E-11
2492	497796.65, 3858622.63	1.31E-06	2.07E-10	7.19E-11	1.29E-06	2.04E-10	7.10E-11	1.26E-06	1.98E-10	6.89E-11
2493	497896.65, 3858622.63	1.34E-06	2.11E-10	7.34E-11	1.32E-06	2.08E-10	7.24E-11	1.28E-06	2.02E-10	7.03E-11
2494	497396.65, 3858722.63	1.25E-06	1.97E-10	6.87E-11	1.23E-06	1.95E-10	6.78E-11	1.20E-06	1.89E-10	6.58E-11
2495	497496.65, 3858722.63	1.27E-06	2.00E-10	6.98E-11	1.26E-06	1.98E-10	6.89E-11	1.22E-06	1.92E-10	6.69E-11
2496	497596.65, 3858722.63	1.31E-06	2.07E-10	7.21E-11	1.30E-06	2.04E-10	7.12E-11	1.26E-06	1.98E-10	6.91E-11
2497	497696.65, 3858722.63	1.34E-06	2.10E-10	7.33E-11	1.32E-06	2.08E-10	7.23E-11	1.28E-06	2.02E-10	7.03E-11
2498	497796.65, 3858722.63	1.34E-06	2.11E-10	7.37E-11	1.32E-06	2.09E-10	7.27E-11	1.29E-06	2.03E-10	7.06E-11
2499	497896.65, 3858722.63	1.36E-06	2.14E-10	7.45E-11	1.34E-06	2.11E-10	7.36E-11	1.30E-06	2.05E-10	7.14E-11
2500	497396.65, 3858822.63	1.27E-06	2.00E-10	6.97E-11	1.25E-06	1.97E-10	6.88E-11	1.22E-06	1.92E-10	6.68E-11
2501	497496.65, 3858822.63	1.29E-06	2.03E-10	7.06E-11	1.27E-06	2.00E-10	6.97E-11	1.23E-06	1.94E-10	6.77E-11
2502	497596.65, 3858822.63	1.34E-06	2.12E-10	7.37E-11	1.33E-06	2.09E-10	7.27E-11	1.29E-06	2.03E-10	7.06E-11
2503	497696.65, 3858822.63	1.35E-06	2.13E-10	7.43E-11	1.34E-06	2.11E-10	7.34E-11	1.30E-06	2.04E-10	7.12E-11
2504	497796.65, 3858822.63	1.36E-06	2.15E-10	7.48E-11	1.35E-06	2.12E-10	7.38E-11	1.31E-06	2.06E-10	7.17E-11
2505	497896.65, 3858822.63	1.40E-06	2.20E-10	7.67E-11	1.38E-06	2.17E-10	7.57E-11	1.34E-06	2.11E-10	7.35E-11
2506	497396.65, 3858922.63	1.29E-06	2.03E-10	7.08E-11	1.27E-06	2.01E-10	6.99E-11	1.24E-06	1.95E-10	6.79E-11
2507	497496.65, 3858922.63	1.34E-06	2.10E-10	7.33E-11	1.32E-06	2.08E-10	7.23E-11	1.28E-06	2.02E-10	7.02E-11
2508	497596.65, 3858922.63	1.33E-06	2.09E-10	7.28E-11	1.31E-06	2.06E-10	7.19E-11	1.27E-06	2.00E-10	6.98E-11
2509	497696.65, 3858922.63	1.38E-06	2.18E-10	7.59E-11	1.37E-06	2.15E-10	7.49E-11	1.33E-06	2.09E-10	7.28E-11
2510	497796.65, 3858922.63	1.41E-06	2.22E-10	7.72E-11	1.39E-06	2.19E-10	7.62E-11	1.35E-06	2.12E-10	7.40E-11
2511	497896.65, 3858922.63	1.46E-06	2.29E-10	7.99E-11	1.44E-06	2.26E-10	7.88E-11	1.40E-06	2.20E-10	7.66E-11
2512	497364.44, 3858201.52	1.15E-06	1.81E-10	6.32E-11	1.14E-06	1.79E-10	6.24E-11	1.10E-06	1.74E-10	6.06E-11
2513	497414.44, 3858201.52	1.16E-06	1.83E-10	6.38E-11	1.15E-06	1.81E-10	6.29E-11	1.11E-06	1.75E-10	6.11E-11
2514	497464.44, 3858201.52	1.17E-06	1.84E-10	6.41E-11	1.15E-06	1.82E-10	6.33E-11	1.12E-06	1.76E-10	6.15E-11
2515	497514.44, 3858201.52	1.17E-06	1.84E-10	6.40E-11	1.15E-06	1.81E-10	6.32E-11	1.12E-06	1.76E-10	6.13E-11
2516	497564.44, 3858201.52	1.16E-06	1.82E-10	6.35E-11	1.14E-06	1.80E-10	6.27E-11	1.11E-06	1.75E-10	6.09E-11

2517	497614.44, 3858201.52	1.16E-06	1.82E-10	6.34E-11	1.14E-06	1.80E-10	6.26E-11	1.11E-06	1.74E-10	6.08E-11
2518	497364.44, 3858251.52	1.17E-06	1.85E-10	6.44E-11	1.16E-06	1.82E-10	6.35E-11	1.12E-06	1.77E-10	6.17E-11
2519	497414.44, 3858251.52	1.19E-06	1.87E-10	6.50E-11	1.17E-06	1.84E-10	6.42E-11	1.14E-06	1.79E-10	6.23E-11
2520	497464.44, 3858251.52	1.17E-06	1.84E-10	6.43E-11	1.16E-06	1.82E-10	6.34E-11	1.12E-06	1.77E-10	6.16E-11
2521	497514.44, 3858251.52	1.15E-06	1.82E-10	6.34E-11	1.14E-06	1.80E-10	6.25E-11	1.11E-06	1.74E-10	6.07E-11
2522	497564.44, 3858251.52	1.15E-06	1.81E-10	6.30E-11	1.13E-06	1.78E-10	6.21E-11	1.10E-06	1.73E-10	6.03E-11
2523	497614.44, 3858251.52	1.14E-06	1.80E-10	6.25E-11	1.12E-06	1.77E-10	6.17E-11	1.09E-06	1.72E-10	5.99E-11
2524	497364.44, 3858301.52	1.18E-06	1.85E-10	6.45E-11	1.16E-06	1.83E-10	6.37E-11	1.13E-06	1.78E-10	6.19E-11
2525	497414.44, 3858301.52	1.18E-06	1.86E-10	6.49E-11	1.17E-06	1.84E-10	6.41E-11	1.13E-06	1.79E-10	6.22E-11
2526	497464.44, 3858301.52	1.17E-06	1.84E-10	6.40E-11	1.15E-06	1.81E-10	6.32E-11	1.12E-06	1.76E-10	6.13E-11
2527	497514.44, 3858301.52	1.15E-06	1.82E-10	6.33E-11	1.14E-06	1.79E-10	6.25E-11	1.11E-06	1.74E-10	6.07E-11
2528	497564.44, 3858301.52	1.14E-06	1.79E-10	6.24E-11	1.12E-06	1.77E-10	6.16E-11	1.09E-06	1.72E-10	5.98E-11
2529	497614.44, 3858301.52	1.13E-06	1.78E-10	6.19E-11	1.11E-06	1.75E-10	6.11E-11	1.08E-06	1.70E-10	5.93E-11
2530	497364.44, 3858351.52	1.18E-06	1.87E-10	6.50E-11	1.17E-06	1.84E-10	6.42E-11	1.14E-06	1.79E-10	6.23E-11
2531	497414.44, 3858351.52	1.17E-06	1.85E-10	6.43E-11	1.16E-06	1.82E-10	6.35E-11	1.12E-06	1.77E-10	6.16E-11
2532	497464.44, 3858351.52	1.16E-06	1.83E-10	6.39E-11	1.15E-06	1.81E-10	6.31E-11	1.12E-06	1.76E-10	6.13E-11
2533	497514.44, 3858351.52	1.15E-06	1.82E-10	6.33E-11	1.14E-06	1.79E-10	6.25E-11	1.11E-06	1.74E-10	6.07E-11
2534	497564.44, 3858351.52	1.13E-06	1.79E-10	6.22E-11	1.12E-06	1.76E-10	6.14E-11	1.09E-06	1.71E-10	5.96E-11
2535	497614.44, 3858351.52	1.13E-06	1.77E-10	6.18E-11	1.11E-06	1.75E-10	6.10E-11	1.08E-06	1.70E-10	5.92E-11
2536	497364.44, 3858401.52	1.17E-06	1.85E-10	6.45E-11	1.16E-06	1.83E-10	6.36E-11	1.13E-06	1.77E-10	6.18E-11
2537	497414.44, 3858401.52	1.17E-06	1.84E-10	6.40E-11	1.15E-06	1.81E-10	6.32E-11	1.12E-06	1.76E-10	6.14E-11
2538	497464.44, 3858401.52	1.15E-06	1.82E-10	6.33E-11	1.14E-06	1.79E-10	6.25E-11	1.11E-06	1.74E-10	6.07E-11
2539	497514.44, 3858401.52	1.14E-06	1.80E-10	6.28E-11	1.13E-06	1.78E-10	6.20E-11	1.10E-06	1.73E-10	6.02E-11
2540	497564.44, 3858401.52	1.15E-06	1.82E-10	6.33E-11	1.14E-06	1.79E-10	6.24E-11	1.10E-06	1.74E-10	6.06E-11
2541	497614.44, 3858401.52	1.16E-06	1.83E-10	6.38E-11	1.15E-06	1.81E-10	6.30E-11	1.11E-06	1.76E-10	6.11E-11
2542	493478.11, 3860497.94	1.94E-06	3.06E-10	1.07E-10	1.92E-06	3.02E-10	1.05E-10	1.86E-06	2.93E-10	1.02E-10
2543	493528.11, 3860497.94	1.93E-06	3.04E-10	1.06E-10	1.91E-06	3.00E-10	1.05E-10	1.85E-06	2.92E-10	1.02E-10
2544	493478.11, 3860547.94	1.88E-06	2.97E-10	1.03E-10	1.86E-06	2.93E-10	1.02E-10	1.81E-06	2.84E-10	9.91E-11
2545	493528.11, 3860547.94	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.01E-10	1.80E-06	2.83E-10	9.85E-11
2546	493478.11, 3860597.94	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.91E-11	1.75E-06	2.76E-10	9.62E-11
2547	493528.11, 3860597.94	1.82E-06	2.86E-10	9.98E-11	1.79E-06	2.83E-10	9.85E-11	1.74E-06	2.74E-10	9.56E-11
2548	493561.88, 3860524.64	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.03E-10	1.82E-06	2.86E-10	9.96E-11
2549	493591.88, 3860524.64	1.89E-06	2.98E-10	1.04E-10	1.86E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.94E-11
2550	493561.88, 3860554.64	1.86E-06	2.93E-10	1.02E-10	1.83E-06	2.89E-10	1.01E-10	1.78E-06	2.81E-10	9.78E-11
2551	493591.88, 3860554.64	1.86E-06	2.92E-10	1.02E-10	1.83E-06	2.89E-10	1.01E-10	1.78E-06	2.80E-10	9.76E-11
2552	492880.5, 3860293.11	2.36E-06	3.72E-10	1.29E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
2553	492930.5, 3860293.11	2.35E-06	3.70E-10	1.29E-10	2.32E-06	3.65E-10	1.27E-10	2.25E-06	3.54E-10	1.23E-10
2554	492980.5, 3860293.11	2.34E-06	3.68E-10	1.28E-10	2.31E-06	3.63E-10	1.27E-10	2.24E-06	3.53E-10	1.23E-10
2555	493030.5, 3860293.11	2.33E-06	3.67E-10	1.28E-10	2.30E-06	3.63E-10	1.26E-10	2.24E-06	3.52E-10	1.23E-10
2556	493080.5, 3860293.11	2.32E-06	3.66E-10	1.27E-10	2.29E-06	3.61E-10	1.26E-10	2.23E-06	3.51E-10	1.22E-10
2557	493130.5, 3860293.11	2.31E-06	3.64E-10	1.27E-10	2.28E-06	3.59E-10	1.25E-10	2.21E-06	3.49E-10	1.21E-10
2558	493180.5, 3860293.11	2.29E-06	3.60E-10	1.26E-10	2.26E-06	3.56E-10	1.24E-10	2.19E-06	3.45E-10	1.20E-10
2559	493230.5, 3860293.11	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.53E-10	1.23E-10	2.18E-06	3.43E-10	1.20E-10
2560	493280.5, 3860293.11	2.27E-06	3.57E-10	1.24E-10	2.24E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
2561	493330.5, 3860293.11	2.25E-06	3.55E-10	1.24E-10	2.23E-06	3.51E-10	1.22E-10	2.16E-06	3.40E-10	1.19E-10
2562	493380.5, 3860293.11	2.24E-06	3.53E-10	1.23E-10	2.21E-06	3.49E-10	1.21E-10	2.15E-06	3.38E-10	1.18E-10
2563	492880.5, 3860343.11	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
2564	492930.5, 3860343.11	2.27E-06	3.57E-10	1.24E-10	2.24E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
2565	492980.5, 3860343.11	2.27E-06	3.57E-10	1.24E-10	2.24E-06	3.52E-10	1.23E-10	2.17E-06	3.42E-10	1.19E-10
2566	493030.5, 3860343.11	2.25E-06	3.55E-10	1.24E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.19E-10
2567	493080.5, 3860343.11	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.18E-10
2568	493130.5, 3860343.11	2.23E-06	3.52E-10	1.23E-10	2.20E-06	3.47E-10	1.21E-10	2.14E-06	3.37E-10	1.18E-10
2569	493180.5, 3860343.11	2.21E-06	3.49E-10	1.21E-10	2.18E-06	3.44E-10	1.20E-10	2.12E-06	3.34E-10	1.16E-10
2570	493230.5, 3860343.11	2.20E-06	3.47E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2571	493280.5, 3860343.11	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
2572	493330.5, 3860343.11	2.18E-06	3.44E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.09E-06	3.30E-10	1.15E-10
2573	493380.5, 3860343.11	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.38E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
2574	492880.5, 3860393.11	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
2575	492930.5, 3860393.11	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
2576	492980.5, 3860393.11	2.19E-06	3.45E-10	1.20E-10	2.16E-06	3.40E-10	1.18E-10	2.10E-06	3.30E-10	1.15E-10
2577	493030.5, 3860393.11	2.18E-06	3.43E-10	1.20E-10	2.15E-06	3.39E-10	1.18E-10	2.09E-06	3.29E-10	1.15E-10
2578	493080.5, 3860393.11	2.18E-06	3.43E-10	1.19E-10	2.15E-06	3.38E-10	1.18E-10	2.09E-06	3.29E-10	1.14E-10
2579	493130.5, 3860393.11	2.16E-06	3.40E-10	1.19E-10	2.13E-06	3.36E-10	1.17E-10	2.07E-06	3.26E-10	1.14E-10
2580	493180.5, 3860393.11	2.14E-06	3.37E-10	1.18E-10	2.11E-06	3.33E-10	1.16E-10	2.05E-06	3.23E-10	1.13E-10
2581	493230.5, 3860393.11	2.13E-06	3.36E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.22E-10	1.12E-10
2582	493280.5, 3860393.11	2.12E-06	3.35E-10	1.17E-10	2.10E-06	3.30E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
2583	493330.5, 3860393.11	2.11E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.19E-10	1.11E-10
2584	493380.5, 3860393.11	2.10E-06	3.31E-10	1.15E-10	2.08E-06	3.27E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
2585	492880.5, 3860443.11	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
2586	492930.5, 3860443.11	2.12E-06	3.33E-10	1.16E-10	2.09E-06	3.29E-10	1.15E-10	2.03E-06	3.19E-10	1.11E-10

2587 492980.5, 3860443.11	2.11E-06	3.33E-10	1.16E-10	2.08E-06	3.28E-10	1.14E-10	2.02E-06	3.19E-10	1.11E-10
2588 493030.5, 3860443.11	2.11E-06	3.32E-10	1.16E-10	2.08E-06	3.27E-10	1.14E-10	2.02E-06	3.18E-10	1.11E-10
2589 493080.5, 3860443.11	2.10E-06	3.30E-10	1.15E-10	2.07E-06	3.26E-10	1.14E-10	2.01E-06	3.17E-10	1.10E-10
2590 493130.5, 3860443.11	2.09E-06	3.29E-10	1.15E-10	2.06E-06	3.24E-10	1.13E-10	2.00E-06	3.15E-10	1.10E-10
2591 493180.5, 3860443.11	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
2592 493230.5, 3860443.11	2.06E-06	3.25E-10	1.13E-10	2.04E-06	3.21E-10	1.12E-10	1.98E-06	3.12E-10	1.09E-10
2593 493280.5, 3860443.11	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.11E-10	1.97E-06	3.10E-10	1.08E-10
2594 493330.5, 3860443.11	2.05E-06	3.23E-10	1.12E-10	2.02E-06	3.19E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
2595 493380.5, 3860443.11	2.04E-06	3.21E-10	1.12E-10	2.01E-06	3.17E-10	1.10E-10	1.95E-06	3.08E-10	1.07E-10
2596 493180.5, 3860493.11	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.92E-06	3.03E-10	1.06E-10
2597 493230.5, 3860493.11	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
2598 493280.5, 3860493.11	1.99E-06	3.14E-10	1.09E-10	1.97E-06	3.10E-10	1.08E-10	1.91E-06	3.01E-10	1.05E-10
2599 493330.5, 3860493.11	1.98E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.07E-10	1.90E-06	3.00E-10	1.04E-10
2600 493380.5, 3860493.11	1.97E-06	3.11E-10	1.08E-10	1.95E-06	3.07E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
2601 493330.5, 3860543.11	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.91E-10	1.01E-10
2602 493380.5, 3860543.11	1.91E-06	3.01E-10	1.05E-10	1.89E-06	2.97E-10	1.04E-10	1.83E-06	2.89E-10	1.01E-10
2603 494135.94, 3860876.85	1.47E-06	2.32E-10	8.08E-11	1.45E-06	2.29E-10	7.98E-11	1.41E-06	2.22E-10	7.75E-11
2604 494185.94, 3860876.85	1.47E-06	2.31E-10	8.05E-11	1.45E-06	2.28E-10	7.94E-11	1.41E-06	2.21E-10	7.71E-11
2605 494135.94, 3860926.85	1.43E-06	2.26E-10	7.86E-11	1.41E-06	2.23E-10	7.76E-11	1.37E-06	2.16E-10	7.53E-11
2606 494185.94, 3860926.85	1.43E-06	2.25E-10	7.83E-11	1.41E-06	2.22E-10	7.73E-11	1.37E-06	2.15E-10	7.50E-11
2607 494135.94, 3860976.85	1.39E-06	2.20E-10	7.65E-11	1.38E-06	2.17E-10	7.55E-11	1.34E-06	2.10E-10	7.33E-11
2608 494185.94, 3860976.85	1.39E-06	2.19E-10	7.63E-11	1.37E-06	2.16E-10	7.53E-11	1.33E-06	2.10E-10	7.31E-11
2609 494135.94, 3861026.85	1.36E-06	2.14E-10	7.45E-11	1.34E-06	2.11E-10	7.35E-11	1.30E-06	2.05E-10	7.14E-11
2610 494185.94, 3861026.85	1.35E-06	2.13E-10	7.43E-11	1.34E-06	2.10E-10	7.33E-11	1.30E-06	2.04E-10	7.12E-11
2611 494135.94, 3861076.85	1.32E-06	2.08E-10	7.26E-11	1.31E-06	2.06E-10	7.17E-11	1.27E-06	2.00E-10	6.96E-11
2612 494185.94, 3861076.85	1.32E-06	2.08E-10	7.24E-11	1.30E-06	2.05E-10	7.14E-11	1.26E-06	1.99E-10	6.93E-11
2613 490360.04, 3858710.04	2.10E-05	3.30E-09	1.15E-09	2.07E-05	3.26E-09	1.14E-09	2.01E-05	3.17E-09	1.10E-09
2614 490410.04, 3858710.04	2.05E-05	3.24E-09	1.13E-09	2.03E-05	3.19E-09	1.11E-09	1.97E-05	3.10E-09	1.08E-09
2615 490460.04, 3858710.04	2.01E-05	3.16E-09	1.10E-09	1.98E-05	3.12E-09	1.09E-09	1.92E-05	3.03E-09	1.06E-09
2616 490510.04, 3858710.04	1.97E-05	3.10E-09	1.08E-09	1.94E-05	3.06E-09	1.07E-09	1.88E-05	2.97E-09	1.03E-09
2617 490560.04, 3858710.04	1.93E-05	3.04E-09	1.06E-09	1.90E-05	3.00E-09	1.04E-09	1.85E-05	2.91E-09	1.01E-09
2618 490610.04, 3858710.04	1.89E-05	2.98E-09	1.04E-09	1.86E-05	2.94E-09	1.02E-09	1.81E-05	2.85E-09	9.94E-10
2619 490660.04, 3858710.04	1.86E-05	2.93E-09	1.02E-09	1.83E-05	2.89E-09	1.01E-09	1.78E-05	2.80E-09	9.77E-10
2620 490710.04, 3858710.04	1.81E-05	2.85E-09	9.94E-10	1.79E-05	2.82E-09	9.81E-10	1.74E-05	2.73E-09	9.53E-10
2621 490760.04, 3858710.04	1.77E-05	2.78E-09	9.70E-10	1.74E-05	2.75E-09	9.57E-10	1.69E-05	2.67E-09	9.29E-10
2622 490810.04, 3858710.04	1.72E-05	2.71E-09	9.44E-10	1.70E-05	2.67E-09	9.32E-10	1.65E-05	2.60E-09	9.05E-10
2623 490860.04, 3858710.04	1.66E-05	2.62E-09	9.13E-10	1.64E-05	2.59E-09	9.01E-10	1.59E-05	2.51E-09	8.75E-10
2624 490360.04, 3858760.04	1.96E-05	3.09E-09	1.08E-09	1.93E-05	3.05E-09	1.06E-09	1.88E-05	2.96E-09	1.03E-09
2625 490410.04, 3858760.04	1.91E-05	3.01E-09	1.05E-09	1.89E-05	2.97E-09	1.04E-09	1.83E-05	2.89E-09	1.01E-09
2626 490460.04, 3858760.04	1.87E-05	2.94E-09	1.02E-09	1.84E-05	2.90E-09	1.01E-09	1.79E-05	2.82E-09	9.82E-10
2627 490510.04, 3858760.04	1.82E-05	2.87E-09	9.99E-10	1.80E-05	2.83E-09	9.86E-10	1.74E-05	2.75E-09	9.57E-10
2628 490560.04, 3858760.04	1.78E-05	2.80E-09	9.76E-10	1.75E-05	2.76E-09	9.63E-10	1.70E-05	2.68E-09	9.35E-10
2629 490610.04, 3858760.04	1.73E-05	2.73E-09	9.52E-10	1.71E-05	2.70E-09	9.39E-10	1.66E-05	2.62E-09	9.12E-10
2630 490660.04, 3858760.04	1.69E-05	2.67E-09	9.29E-10	1.67E-05	2.63E-09	9.17E-10	1.62E-05	2.55E-09	8.90E-10
2631 490710.04, 3858760.04	1.65E-05	2.60E-09	9.05E-10	1.63E-05	2.56E-09	8.93E-10	1.58E-05	2.49E-09	8.68E-10
2632 490760.04, 3858760.04	1.60E-05	2.52E-09	8.78E-10	1.58E-05	2.49E-09	8.67E-10	1.53E-05	2.42E-09	8.42E-10
2633 490810.04, 3858760.04	1.55E-05	2.44E-09	8.52E-10	1.53E-05	2.41E-09	8.41E-10	1.49E-05	2.34E-09	8.16E-10
2634 490860.04, 3858760.04	1.51E-05	2.37E-09	8.27E-10	1.49E-05	2.34E-09	8.16E-10	1.44E-05	2.28E-09	7.93E-10
2635 490360.04, 3858810.04	1.84E-05	2.90E-09	1.01E-09	1.82E-05	2.86E-09	9.97E-10	1.76E-05	2.78E-09	9.68E-10
2636 490410.04, 3858810.04	1.79E-05	2.82E-09	9.83E-10	1.77E-05	2.79E-09	9.71E-10	1.72E-05	2.71E-09	9.42E-10
2637 490460.04, 3858810.04	1.74E-05	2.75E-09	9.57E-10	1.72E-05	2.71E-09	9.44E-10	1.67E-05	2.63E-09	9.17E-10
2638 490510.04, 3858810.04	1.70E-05	2.68E-09	9.33E-10	1.68E-05	2.64E-09	9.21E-10	1.63E-05	2.57E-09	8.94E-10
2639 490560.04, 3858810.04	1.66E-05	2.61E-09	9.10E-10	1.64E-05	2.58E-09	8.98E-10	1.59E-05	2.50E-09	8.72E-10
2640 490610.04, 3858810.04	1.61E-05	2.53E-09	8.82E-10	1.59E-05	2.50E-09	8.71E-10	1.54E-05	2.43E-09	8.46E-10
2641 490660.04, 3858810.04	1.56E-05	2.46E-09	8.58E-10	1.54E-05	2.43E-09	8.47E-10	1.50E-05	2.36E-09	8.22E-10
2642 490710.04, 3858810.04	1.52E-05	2.39E-09	8.32E-10	1.50E-05	2.36E-09	8.21E-10	1.45E-05	2.29E-09	7.97E-10
2643 490760.04, 3858810.04	1.46E-05	2.30E-09	8.01E-10	1.44E-05	2.27E-09	7.90E-10	1.40E-05	2.20E-09	7.67E-10
2644 490810.04, 3858810.04	1.42E-05	2.24E-09	7.82E-10	1.41E-05	2.21E-09	7.72E-10	1.37E-05	2.15E-09	7.49E-10
2645 490860.04, 3858810.04	1.37E-05	2.16E-09	7.54E-10	1.36E-05	2.14E-09	7.44E-10	1.32E-05	2.07E-09	7.23E-10
2646 490360.04, 3858860.04	1.73E-05	2.73E-09	9.51E-10	1.71E-05	2.69E-09	9.38E-10	1.66E-05	2.62E-09	9.11E-10
2647 490410.04, 3858860.04	1.69E-05	2.66E-09	9.26E-10	1.67E-05	2.62E-09	9.14E-10	1.62E-05	2.55E-09	8.88E-10
2648 490460.04, 3858860.04	1.64E-05	2.58E-09	8.98E-10	1.61E-05	2.54E-09	8.86E-10	1.57E-05	2.47E-09	8.60E-10
2649 490510.04, 3858860.04	1.60E-05	2.52E-09	8.77E-10	1.58E-05	2.48E-09	8.65E-10	1.53E-05	2.41E-09	8.40E-10
2650 490560.04, 3858860.04	1.55E-05	2.44E-09	8.51E-10	1.53E-05	2.41E-09	8.40E-10	1.49E-05	2.34E-09	8.16E-10
2651 490610.04, 3858860.04	1.49E-05	2.35E-09	8.20E-10	1.47E-05	2.32E-09	8.09E-10	1.43E-05	2.26E-09	7.86E-10
2652 490660.04, 3858860.04	1.45E-05	2.29E-09	7.96E-10	1.43E-05	2.26E-09	7.86E-10	1.39E-05	2.19E-09	7.63E-10
2653 490710.04, 3858860.04	1.41E-05	2.23E-09	7.76E-10	1.39E-05	2.20E-09	7.66E-10	1.35E-05	2.13E-09	7.43E-10
2654 490760.04, 3858860.04	1.36E-05	2.14E-09	7.46E-10	1.34E-05	2.11E-09	7.36E-10	1.30E-05	2.05E-09	7.15E-10
2655 490810.04, 3858860.04	1.31E-05	2.06E-09	7.17E-10	1.29E-05	2.03E-09	7.08E-10	1.25E-05	1.97E-09	6.88E-10
2656 490860.04, 3858860.04	1.25E-05	1.98E-09	6.88E-10	1.24E-05	1.95E-09	6.79E-10	1.20E-05	1.89E-09	6.60E-10

2657	490360.04, 3858910.04	1.65E-05	2.59E-09	9.03E-10	1.62E-05	2.56E-09	8.91E-10	1.58E-05	2.48E-09	8.65E-10
2658	490410.04, 3858910.04	1.60E-05	2.52E-09	8.76E-10	1.58E-05	2.48E-09	8.65E-10	1.53E-05	2.41E-09	8.40E-10
2659	490460.04, 3858910.04	1.55E-05	2.44E-09	8.50E-10	1.53E-05	2.41E-09	8.39E-10	1.48E-05	2.34E-09	8.15E-10
2660	490510.04, 3858910.04	1.50E-05	2.36E-09	8.23E-10	1.48E-05	2.33E-09	8.12E-10	1.44E-05	2.26E-09	7.89E-10
2661	490560.04, 3858910.04	1.45E-05	2.28E-09	7.95E-10	1.43E-05	2.25E-09	7.85E-10	1.39E-05	2.19E-09	7.62E-10
2662	490610.04, 3858910.04	1.40E-05	2.20E-09	7.67E-10	1.38E-05	2.17E-09	7.57E-10	1.34E-05	2.11E-09	7.35E-10
2663	490660.04, 3858910.04	1.35E-05	2.13E-09	7.43E-10	1.34E-05	2.11E-09	7.33E-10	1.30E-05	2.04E-09	7.12E-10
2664	490710.04, 3858910.04	1.31E-05	2.06E-09	7.16E-10	1.29E-05	2.03E-09	7.07E-10	1.25E-05	1.97E-09	6.87E-10
2665	490760.04, 3858910.04	1.25E-05	1.97E-09	6.85E-10	1.23E-05	1.94E-09	6.77E-10	1.20E-05	1.89E-09	6.57E-10
2666	490810.04, 3858910.04	1.21E-05	1.90E-09	6.62E-10	1.19E-05	1.88E-09	6.53E-10	1.16E-05	1.82E-09	6.34E-10
2667	490860.04, 3858910.04	1.15E-05	1.81E-09	6.32E-10	1.14E-05	1.79E-09	6.23E-10	1.10E-05	1.74E-09	6.05E-10
2668	490360.04, 3858960.04	1.56E-05	2.45E-09	8.55E-10	1.54E-05	2.42E-09	8.44E-10	1.49E-05	2.35E-09	8.20E-10
2669	490410.04, 3858960.04	1.51E-05	2.37E-09	8.27E-10	1.49E-05	2.34E-09	8.16E-10	1.44E-05	2.27E-09	7.93E-10
2670	490460.04, 3858960.04	1.45E-05	2.29E-09	7.98E-10	1.44E-05	2.26E-09	7.88E-10	1.39E-05	2.20E-09	7.65E-10
2671	490510.04, 3858960.04	1.41E-05	2.22E-09	7.72E-10	1.39E-05	2.19E-09	7.62E-10	1.35E-05	2.12E-09	7.40E-10
2672	490560.04, 3858960.04	1.36E-05	2.14E-09	7.46E-10	1.34E-05	2.11E-09	7.36E-10	1.30E-05	2.05E-09	7.15E-10
2673	490610.04, 3858960.04	1.30E-05	2.05E-09	7.15E-10	1.29E-05	2.03E-09	7.06E-10	1.25E-05	1.97E-09	6.85E-10
2674	490660.04, 3858960.04	1.27E-05	2.00E-09	6.96E-10	1.25E-05	1.97E-09	6.87E-10	1.22E-05	1.92E-09	6.67E-10
2675	490710.04, 3858960.04	1.21E-05	1.91E-09	6.66E-10	1.20E-05	1.89E-09	6.57E-10	1.16E-05	1.83E-09	6.38E-10
2676	490760.04, 3858960.04	1.16E-05	1.83E-09	6.39E-10	1.15E-05	1.81E-09	6.30E-10	1.12E-05	1.76E-09	6.12E-10
2677	490810.04, 3858960.04	1.11E-05	1.76E-09	6.11E-10	1.10E-05	1.73E-09	6.03E-10	1.07E-05	1.68E-09	5.86E-10
2678	490860.04, 3858960.04	1.06E-05	1.67E-09	5.81E-10	1.05E-05	1.65E-09	5.74E-10	1.01E-05	1.60E-09	5.57E-10
2679	490360.04, 3859010.04	1.48E-05	2.33E-09	8.10E-10	1.46E-05	2.30E-09	8.00E-10	1.41E-05	2.23E-09	7.76E-10
2680	490410.04, 3859010.04	1.42E-05	2.24E-09	7.81E-10	1.40E-05	2.21E-09	7.71E-10	1.36E-05	2.15E-09	7.48E-10
2681	490460.04, 3859010.04	1.36E-05	2.15E-09	7.49E-10	1.35E-05	2.12E-09	7.39E-10	1.31E-05	2.06E-09	7.18E-10
2682	490510.04, 3859010.04	1.31E-05	2.06E-09	7.17E-10	1.29E-05	2.03E-09	7.08E-10	1.25E-05	1.97E-09	6.88E-10
2683	490560.04, 3859010.04	1.27E-05	2.00E-09	6.96E-10	1.25E-05	1.97E-09	6.87E-10	1.22E-05	1.92E-09	6.67E-10
2684	490610.04, 3859010.04	1.21E-05	1.91E-09	6.66E-10	1.20E-05	1.89E-09	6.58E-10	1.16E-05	1.83E-09	6.39E-10
2685	490660.04, 3859010.04	1.18E-05	1.86E-09	6.49E-10	1.17E-05	1.84E-09	6.41E-10	1.13E-05	1.79E-09	6.22E-10
2686	490710.04, 3859010.04	1.13E-05	1.78E-09	6.19E-10	1.11E-05	1.75E-09	6.10E-10	1.08E-05	1.70E-09	5.93E-10
2687	490760.04, 3859010.04	1.08E-05	1.70E-09	5.91E-10	1.06E-05	1.67E-09	5.83E-10	1.03E-05	1.63E-09	5.66E-10
2688	490810.04, 3859010.04	1.03E-05	1.62E-09	5.63E-10	1.01E-05	1.60E-09	5.56E-10	9.84E-06	1.55E-09	5.40E-10
2689	490860.04, 3859010.04	9.82E-06	1.55E-09	5.39E-10	9.69E-06	1.53E-09	5.32E-10	9.41E-06	1.48E-09	5.16E-10
2690	490360.04, 3859060.04	1.40E-05	2.20E-09	7.66E-10	1.38E-05	2.17E-09	7.56E-10	1.34E-05	2.11E-09	7.34E-10
2691	490410.04, 3859060.04	1.33E-05	2.10E-09	7.31E-10	1.32E-05	2.07E-09	7.22E-10	1.28E-05	2.01E-09	7.01E-10
2692	490460.04, 3859060.04	1.28E-05	2.01E-09	7.01E-10	1.26E-05	1.99E-09	6.92E-10	1.22E-05	1.93E-09	6.72E-10
2693	490510.04, 3859060.04	1.23E-05	1.94E-09	6.75E-10	1.21E-05	1.91E-09	6.66E-10	1.18E-05	1.86E-09	6.46E-10
2694	490560.04, 3859060.04	1.17E-05	1.85E-09	6.44E-10	1.16E-05	1.83E-09	6.36E-10	1.13E-05	1.77E-09	6.18E-10
2695	490610.04, 3859060.04	1.13E-05	1.79E-09	6.22E-10	1.12E-05	1.76E-09	6.14E-10	1.09E-05	1.71E-09	5.96E-10
2696	490660.04, 3859060.04	1.10E-05	1.73E-09	6.01E-10	1.08E-05	1.70E-09	5.94E-10	1.05E-05	1.65E-09	5.76E-10
2697	490710.04, 3859060.04	1.04E-05	1.64E-09	5.72E-10	1.03E-05	1.62E-09	5.64E-10	9.98E-06	1.57E-09	5.48E-10
2698	490760.04, 3859060.04	9.93E-06	1.56E-09	5.45E-10	9.80E-06	1.54E-09	5.38E-10	9.52E-06	1.50E-09	5.22E-10
2699	490810.04, 3859060.04	9.44E-06	1.49E-09	5.18E-10	9.32E-06	1.47E-09	5.11E-10	9.05E-06	1.43E-09	4.97E-10
2700	490860.04, 3859060.04	9.01E-06	1.42E-09	4.95E-10	8.90E-06	1.40E-09	4.88E-10	8.64E-06	1.36E-09	4.74E-10
2701	490360.04, 3859110.04	1.32E-05	2.09E-09	7.27E-10	1.31E-05	2.06E-09	7.17E-10	1.27E-05	2.00E-09	6.97E-10
2702	490410.04, 3859110.04	1.26E-05	1.99E-09	6.93E-10	1.25E-05	1.96E-09	6.84E-10	1.21E-05	1.91E-09	6.64E-10
2703	490460.04, 3859110.04	1.22E-05	1.91E-09	6.67E-10	1.20E-05	1.89E-09	6.58E-10	1.16E-05	1.83E-09	6.39E-10
2704	490510.04, 3859110.04	1.15E-05	1.80E-09	6.29E-10	1.13E-05	1.78E-09	6.20E-10	1.10E-05	1.73E-09	6.02E-10
2705	490560.04, 3859110.04	1.10E-05	1.73E-09	6.02E-10	1.08E-05	1.71E-09	5.94E-10	1.05E-05	1.66E-09	5.77E-10
2706	490610.04, 3859110.04	1.05E-05	1.65E-09	5.74E-10	1.03E-05	1.63E-09	5.67E-10	1.00E-05	1.58E-09	5.50E-10
2707	490660.04, 3859110.04	9.91E-06	1.56E-09	5.44E-10	9.78E-06	1.54E-09	5.37E-10	9.50E-06	1.50E-09	5.21E-10
2708	490710.04, 3859110.04	9.55E-06	1.50E-09	5.24E-10	9.42E-06	1.48E-09	5.17E-10	9.15E-06	1.44E-09	5.02E-10
2709	490760.04, 3859110.04	9.12E-06	1.44E-09	5.00E-10	9.00E-06	1.42E-09	4.94E-10	8.74E-06	1.38E-09	4.79E-10
2710	490810.04, 3859110.04	8.63E-06	1.36E-09	4.74E-10	8.52E-06	1.34E-09	4.67E-10	8.27E-06	1.30E-09	4.54E-10
2711	490860.04, 3859110.04	8.17E-06	1.29E-09	4.49E-10	8.07E-06	1.27E-09	4.43E-10	7.83E-06	1.23E-09	4.30E-10
2712	490360.04, 3859160.04	1.26E-05	1.99E-09	6.92E-10	1.24E-05	1.96E-09	6.83E-10	1.21E-05	1.90E-09	6.63E-10
2713	490410.04, 3859160.04	1.20E-05	1.90E-09	6.60E-10	1.19E-05	1.87E-09	6.52E-10	1.15E-05	1.82E-09	6.33E-10
2714	490460.04, 3859160.04	1.15E-05	1.81E-09	6.31E-10	1.14E-05	1.79E-09	6.23E-10	1.10E-05	1.74E-09	6.05E-10
2715	490510.04, 3859160.04	1.10E-05	1.73E-09	6.02E-10	1.08E-05	1.70E-09	5.94E-10	1.05E-05	1.66E-09	5.77E-10
2716	490560.04, 3859160.04	1.04E-05	1.63E-09	5.68E-10	1.02E-05	1.61E-09	5.61E-10	9.92E-06	1.56E-09	5.44E-10
2717	490610.04, 3859160.04	9.91E-06	1.56E-09	5.44E-10	9.78E-06	1.54E-09	5.37E-10	9.50E-06	1.50E-09	5.21E-10
2718	490660.04, 3859160.04	9.13E-06	1.44E-09	5.01E-10	9.01E-06	1.42E-09	4.95E-10	8.75E-06	1.38E-09	4.80E-10
2719	490710.04, 3859160.04	8.77E-06	1.38E-09	4.81E-10	8.65E-06	1.36E-09	4.75E-10	8.40E-06	1.32E-09	4.61E-10
2720	490760.04, 3859160.04	8.20E-06	1.29E-09	4.50E-10	8.09E-06	1.27E-09	4.44E-10	7.86E-06	1.24E-09	4.31E-10
2721	490810.04, 3859160.04	7.86E-06	1.24E-09	4.32E-10	7.76E-06	1.22E-09	4.26E-10	7.54E-06	1.19E-09	4.14E-10
2722	490860.04, 3859160.04	7.52E-06	1.18E-09	4.13E-10	7.42E-06	1.17E-09	4.07E-10	7.21E-06	1.14E-09	3.95E-10
2723	490360.04, 3859210.04	1.20E-05	1.89E-09	6.58E-10	1.18E-05	1.86E-09	6.49E-10	1.15E-05	1.81E-09	6.31E-10
2724	490410.04, 3859210.04	1.16E-05	1.82E-09	6.35E-10	1.14E-05	1.80E-09	6.27E-10	1.11E-05	1.75E-09	6.09E-10
2725	490460.04, 3859210.04	1.09E-05	1.72E-09	5.99E-10	1.08E-05	1.70E-09	5.91E-10	1.05E-05	1.65E-09	5.74E-10
2726	490510.04, 3859210.04	1.04E-05	1.63E-09	5.69E-10	1.02E-05	1.61E-09	5.61E-10	9.93E-06	1.56E-09	5.45E-10

2727	490560.04, 3859210.04	9.94E-06	1.57E-09	5.46E-10	9.81E-06	1.55E-09	5.39E-10	9.53E-06	1.50E-09	5.23E-10
2728	490610.04, 3859210.04	9.43E-06	1.49E-09	5.17E-10	9.30E-06	1.47E-09	5.11E-10	9.04E-06	1.42E-09	4.96E-10
2729	490660.04, 3859210.04	8.74E-06	1.38E-09	4.80E-10	8.63E-06	1.36E-09	4.74E-10	8.38E-06	1.32E-09	4.60E-10
2730	490710.04, 3859210.04	8.33E-06	1.31E-09	4.57E-10	8.22E-06	1.30E-09	4.51E-10	7.98E-06	1.26E-09	4.38E-10
2731	490760.04, 3859210.04	7.76E-06	1.22E-09	4.26E-10	7.66E-06	1.21E-09	4.20E-10	7.44E-06	1.17E-09	4.08E-10
2732	490810.04, 3859210.04	7.61E-06	1.20E-09	4.18E-10	7.51E-06	1.18E-09	4.12E-10	7.29E-06	1.15E-09	4.00E-10
2733	490860.04, 3859210.04	7.45E-06	1.17E-09	4.09E-10	7.35E-06	1.16E-09	4.03E-10	7.14E-06	1.12E-09	3.92E-10
2734	490360.04, 3859260.04	1.14E-05	1.79E-09	6.23E-10	1.12E-05	1.77E-09	6.15E-10	1.09E-05	1.71E-09	5.97E-10
2735	490410.04, 3859260.04	1.09E-05	1.72E-09	5.99E-10	1.08E-05	1.70E-09	5.91E-10	1.05E-05	1.65E-09	5.74E-10
2736	490460.04, 3859260.04	1.05E-05	1.66E-09	5.78E-10	1.04E-05	1.64E-09	5.71E-10	1.01E-05	1.59E-09	5.54E-10
2737	490510.04, 3859260.04	1.02E-05	1.60E-09	5.58E-10	1.00E-05	1.58E-09	5.50E-10	9.74E-06	1.53E-09	5.35E-10
2738	490560.04, 3859260.04	9.68E-06	1.52E-09	5.31E-10	9.55E-06	1.51E-09	5.24E-10	9.28E-06	1.46E-09	5.09E-10
2739	490610.04, 3859260.04	9.06E-06	1.43E-09	4.97E-10	8.95E-06	1.41E-09	4.91E-10	8.69E-06	1.37E-09	4.77E-10
2740	490660.04, 3859260.04	8.83E-06	1.39E-09	4.85E-10	8.72E-06	1.37E-09	4.78E-10	8.46E-06	1.33E-09	4.64E-10
2741	490710.04, 3859260.04	8.47E-06	1.33E-09	4.65E-10	8.36E-06	1.32E-09	4.59E-10	8.12E-06	1.28E-09	4.46E-10
2742	490760.04, 3859260.04	7.89E-06	1.24E-09	4.33E-10	7.79E-06	1.23E-09	4.28E-10	7.56E-06	1.19E-09	4.15E-10
2743	490810.04, 3859260.04	7.67E-06	1.21E-09	4.21E-10	7.57E-06	1.19E-09	4.16E-10	7.36E-06	1.16E-09	4.04E-10
2744	490860.04, 3859260.04	7.46E-06	1.18E-09	4.10E-10	7.37E-06	1.16E-09	4.04E-10	7.15E-06	1.13E-09	3.93E-10
2745	490360.04, 3859310.04	1.09E-05	1.71E-09	5.96E-10	1.07E-05	1.69E-09	5.88E-10	1.04E-05	1.64E-09	5.71E-10
2746	490410.04, 3859310.04	1.05E-05	1.65E-09	5.74E-10	1.03E-05	1.62E-09	5.66E-10	1.00E-05	1.58E-09	5.50E-10
2747	490460.04, 3859310.04	1.01E-05	1.59E-09	5.53E-10	9.94E-06	1.57E-09	5.46E-10	9.65E-06	1.52E-09	5.30E-10
2748	490510.04, 3859310.04	9.75E-06	1.54E-09	5.35E-10	9.62E-06	1.52E-09	5.28E-10	9.34E-06	1.47E-09	5.13E-10
2749	490560.04, 3859310.04	9.42E-06	1.48E-09	5.17E-10	9.29E-06	1.46E-09	5.10E-10	9.03E-06	1.42E-09	4.95E-10
2750	490610.04, 3859310.04	9.12E-06	1.44E-09	5.01E-10	9.00E-06	1.42E-09	4.94E-10	8.74E-06	1.38E-09	4.80E-10
2751	490660.04, 3859310.04	8.78E-06	1.38E-09	4.82E-10	8.66E-06	1.36E-09	4.75E-10	8.41E-06	1.33E-09	4.62E-10
2752	490710.04, 3859310.04	8.25E-06	1.30E-09	4.53E-10	8.14E-06	1.28E-09	4.47E-10	7.90E-06	1.24E-09	4.34E-10
2753	490760.04, 3859310.04	7.89E-06	1.24E-09	4.33E-10	7.79E-06	1.23E-09	4.28E-10	7.57E-06	1.19E-09	4.15E-10
2754	490810.04, 3859310.04	7.66E-06	1.21E-09	4.21E-10	7.56E-06	1.19E-09	4.15E-10	7.34E-06	1.16E-09	4.03E-10
2755	490860.04, 3859310.04	7.36E-06	1.16E-09	4.04E-10	7.26E-06	1.14E-09	3.99E-10	7.05E-06	1.11E-09	3.87E-10
2756	490360.04, 3859360.04	1.03E-05	1.63E-09	5.68E-10	1.02E-05	1.61E-09	5.60E-10	9.91E-06	1.56E-09	5.44E-10
2757	490410.04, 3859360.04	1.00E-05	1.58E-09	5.50E-10	9.89E-06	1.56E-09	5.43E-10	9.60E-06	1.51E-09	5.27E-10
2758	490460.04, 3859360.04	9.71E-06	1.53E-09	5.33E-10	9.59E-06	1.51E-09	5.26E-10	9.31E-06	1.47E-09	5.11E-10
2759	490510.04, 3859360.04	9.41E-06	1.48E-09	5.17E-10	9.29E-06	1.46E-09	5.10E-10	9.02E-06	1.42E-09	4.95E-10
2760	490560.04, 3859360.04	9.08E-06	1.43E-09	4.98E-10	8.96E-06	1.41E-09	4.92E-10	8.70E-06	1.37E-09	4.77E-10
2761	490610.04, 3859360.04	8.75E-06	1.38E-09	4.80E-10	8.63E-06	1.36E-09	4.74E-10	8.38E-06	1.32E-09	4.60E-10
2762	490660.04, 3859360.04	8.46E-06	1.33E-09	4.64E-10	8.35E-06	1.32E-09	4.58E-10	8.11E-06	1.28E-09	4.45E-10
2763	490710.04, 3859360.04	8.10E-06	1.28E-09	4.45E-10	8.00E-06	1.26E-09	4.39E-10	7.77E-06	1.22E-09	4.26E-10
2764	490760.04, 3859360.04	7.73E-06	1.22E-09	4.24E-10	7.63E-06	1.20E-09	4.19E-10	7.41E-06	1.17E-09	4.07E-10
2765	490810.04, 3859360.04	7.57E-06	1.19E-09	4.15E-10	7.47E-06	1.18E-09	4.10E-10	7.25E-06	1.14E-09	3.98E-10
2766	490860.04, 3859360.04	7.31E-06	1.15E-09	4.01E-10	7.22E-06	1.14E-09	3.96E-10	7.01E-06	1.10E-09	3.85E-10
2767	490360.04, 3859410.04	9.80E-06	1.54E-09	5.38E-10	9.68E-06	1.52E-09	5.31E-10	9.40E-06	1.48E-09	5.16E-10
2768	490410.04, 3859410.04	9.53E-06	1.50E-09	5.23E-10	9.40E-06	1.48E-09	5.16E-10	9.13E-06	1.44E-09	5.01E-10
2769	490460.04, 3859410.04	9.25E-06	1.46E-09	5.08E-10	9.13E-06	1.44E-09	5.01E-10	8.87E-06	1.40E-09	4.87E-10
2770	490510.04, 3859410.04	8.98E-06	1.41E-09	4.93E-10	8.86E-06	1.40E-09	4.87E-10	8.61E-06	1.36E-09	4.72E-10
2771	490560.04, 3859410.04	8.72E-06	1.37E-09	4.79E-10	8.61E-06	1.36E-09	4.72E-10	8.36E-06	1.32E-09	4.59E-10
2772	490610.04, 3859410.04	8.46E-06	1.33E-09	4.65E-10	8.35E-06	1.32E-09	4.58E-10	8.11E-06	1.28E-09	4.45E-10
2773	490660.04, 3859410.04	8.16E-06	1.29E-09	4.48E-10	8.05E-06	1.27E-09	4.42E-10	7.82E-06	1.23E-09	4.29E-10
2774	490710.04, 3859410.04	7.88E-06	1.24E-09	4.32E-10	7.77E-06	1.22E-09	4.27E-10	7.55E-06	1.19E-09	4.14E-10
2775	490760.04, 3859410.04	7.54E-06	1.19E-09	4.14E-10	7.44E-06	1.17E-09	4.09E-10	7.23E-06	1.14E-09	3.97E-10
2776	490810.04, 3859410.04	7.36E-06	1.16E-09	4.04E-10	7.27E-06	1.14E-09	3.99E-10	7.06E-06	1.11E-09	3.87E-10
2777	490860.04, 3859410.04	7.24E-06	1.14E-09	3.97E-10	7.14E-06	1.13E-09	3.92E-10	6.94E-06	1.09E-09	3.81E-10
2778	490360.04, 3859460.04	9.27E-06	1.46E-09	5.09E-10	9.15E-06	1.44E-09	5.02E-10	8.88E-06	1.40E-09	4.87E-10
2779	490410.04, 3859460.04	9.00E-06	1.42E-09	4.94E-10	8.88E-06	1.40E-09	4.87E-10	8.62E-06	1.36E-09	4.73E-10
2780	490460.04, 3859460.04	8.76E-06	1.38E-09	4.81E-10	8.64E-06	1.36E-09	4.74E-10	8.39E-06	1.32E-09	4.61E-10
2781	490510.04, 3859460.04	8.52E-06	1.34E-09	4.68E-10	8.41E-06	1.32E-09	4.61E-10	8.17E-06	1.29E-09	4.48E-10
2782	490560.04, 3859460.04	8.29E-06	1.31E-09	4.55E-10	8.19E-06	1.29E-09	4.49E-10	7.95E-06	1.25E-09	4.36E-10
2783	490610.04, 3859460.04	8.06E-06	1.27E-09	4.42E-10	7.96E-06	1.25E-09	4.37E-10	7.73E-06	1.22E-09	4.24E-10
2784	490660.04, 3859460.04	7.83E-06	1.23E-09	4.30E-10	7.72E-06	1.22E-09	4.24E-10	7.50E-06	1.18E-09	4.12E-10
2785	490710.04, 3859460.04	7.62E-06	1.20E-09	4.18E-10	7.52E-06	1.18E-09	4.13E-10	7.30E-06	1.15E-09	4.01E-10
2786	490760.04, 3859460.04	7.39E-06	1.16E-09	4.06E-10	7.30E-06	1.15E-09	4.00E-10	7.09E-06	1.12E-09	3.89E-10
2787	490810.04, 3859460.04	7.18E-06	1.13E-09	3.94E-10	7.08E-06	1.12E-09	3.89E-10	6.88E-06	1.08E-09	3.78E-10
2788	490860.04, 3859460.04	7.03E-06	1.11E-09	3.86E-10	6.94E-06	1.09E-09	3.81E-10	6.74E-06	1.06E-09	3.70E-10
2789	490360.04, 3859510.04	8.81E-06	1.39E-09	4.84E-10	8.70E-06	1.37E-09	4.77E-10	8.45E-06	1.33E-09	4.64E-10
2790	490410.04, 3859510.04	8.53E-06	1.34E-09	4.68E-10	8.42E-06	1.33E-09	4.62E-10	8.18E-06	1.29E-09	4.49E-10
2791	490460.04, 3859510.04	8.29E-06	1.31E-09	4.55E-10	8.18E-06	1.29E-09	4.49E-10	7.94E-06	1.25E-09	4.36E-10
2792	490510.04, 3859510.04	8.07E-06	1.27E-09	4.43E-10	7.96E-06	1.25E-09	4.37E-10	7.73E-06	1.22E-09	4.24E-10
2793	490560.04, 3859510.04	7.87E-06	1.24E-09	4.32E-10	7.76E-06	1.22E-09	4.26E-10	7.54E-06	1.19E-09	4.14E-10
2794	490610.04, 3859510.04	7.67E-06	1.21E-09	4.21E-10	7.57E-06	1.19E-09	4.15E-10	7.35E-06	1.16E-09	4.03E-10
2795	490660.04, 3859510.04	7.47E-06	1.18E-09	4.10E-10	7.37E-06	1.16E-09	4.05E-10	7.16E-06	1.13E-09	3.93E-10
2796	490710.04, 3859510.04	7.28E-06	1.15E-09	4.00E-10	7.18E-06	1.13E-09	3.94E-10	6.98E-06	1.10E-09	3.83E-10

2797	490760.04, 3859510.04	7.10E-06	1.12E-09	3.90E-10	7.00E-06	1.10E-09	3.84E-10	6.80E-06	1.07E-09	3.73E-10
2798	490810.04, 3859510.04	6.94E-06	1.09E-09	3.81E-10	6.85E-06	1.08E-09	3.76E-10	6.65E-06	1.05E-09	3.65E-10
2799	490860.04, 3859510.04	6.77E-06	1.07E-09	3.71E-10	6.68E-06	1.05E-09	3.67E-10	6.49E-06	1.02E-09	3.56E-10
2800	490360.04, 3859560.04	8.71E-06	1.37E-09	4.78E-10	8.59E-06	1.35E-09	4.72E-10	8.34E-06	1.31E-09	4.58E-10
2801	490410.04, 3859560.04	8.25E-06	1.30E-09	4.53E-10	8.14E-06	1.28E-09	4.47E-10	7.90E-06	1.25E-09	4.34E-10
2802	490460.04, 3859560.04	7.93E-06	1.25E-09	4.35E-10	7.83E-06	1.23E-09	4.29E-10	7.60E-06	1.20E-09	4.17E-10
2803	490510.04, 3859560.04	7.69E-06	1.21E-09	4.22E-10	7.59E-06	1.19E-09	4.16E-10	7.37E-06	1.16E-09	4.04E-10
2804	490560.04, 3859560.04	7.48E-06	1.18E-09	4.10E-10	7.38E-06	1.16E-09	4.05E-10	7.17E-06	1.13E-09	3.93E-10
2805	490610.04, 3859560.04	7.29E-06	1.15E-09	4.00E-10	7.20E-06	1.13E-09	3.95E-10	6.99E-06	1.10E-09	3.83E-10
2806	490660.04, 3859560.04	7.12E-06	1.12E-09	3.91E-10	7.03E-06	1.11E-09	3.86E-10	6.83E-06	1.08E-09	3.75E-10
2807	490710.04, 3859560.04	6.95E-06	1.10E-09	3.82E-10	6.86E-06	1.08E-09	3.77E-10	6.66E-06	1.05E-09	3.66E-10
2808	490760.04, 3859560.04	6.78E-06	1.07E-09	3.72E-10	6.69E-06	1.05E-09	3.67E-10	6.50E-06	1.02E-09	3.57E-10
2809	490810.04, 3859560.04	6.62E-06	1.04E-09	3.64E-10	6.54E-06	1.03E-09	3.59E-10	6.35E-06	1.00E-09	3.48E-10
2810	490860.04, 3859560.04	6.47E-06	1.02E-09	3.55E-10	6.38E-06	1.01E-09	3.50E-10	6.20E-06	9.76E-10	3.40E-10
2811	490187.25, 3859422.08	1.08E-05	1.71E-09	5.95E-10	1.07E-05	1.68E-09	5.87E-10	1.04E-05	1.64E-09	5.70E-10
2812	490237.25, 3859422.08	1.04E-05	1.64E-09	5.73E-10	1.03E-05	1.62E-09	5.65E-10	1.00E-05	1.58E-09	5.49E-10
2813	490287.25, 3859422.08	1.01E-05	1.59E-09	5.55E-10	9.98E-06	1.57E-09	5.47E-10	9.69E-06	1.53E-09	5.32E-10
2814	490337.25, 3859422.08	9.80E-06	1.54E-09	5.38E-10	9.67E-06	1.52E-09	5.31E-10	9.39E-06	1.48E-09	5.15E-10
2815	490187.25, 3859472.08	1.05E-05	1.66E-09	5.77E-10	1.04E-05	1.63E-09	5.69E-10	1.01E-05	1.59E-09	5.53E-10
2816	490237.25, 3859472.08	9.98E-06	1.57E-09	5.48E-10	9.85E-06	1.55E-09	5.41E-10	9.57E-06	1.51E-09	5.25E-10
2817	490287.25, 3859472.08	9.59E-06	1.51E-09	5.26E-10	9.46E-06	1.49E-09	5.19E-10	9.19E-06	1.45E-09	5.04E-10
2818	490337.25, 3859472.08	9.27E-06	1.46E-09	5.09E-10	9.15E-06	1.44E-09	5.02E-10	8.89E-06	1.40E-09	4.88E-10
2819	490297.07, 3859500.42	9.32E-06	1.47E-09	5.12E-10	9.20E-06	1.45E-09	5.05E-10	8.93E-06	1.41E-09	4.90E-10
2820	490327.07, 3859500.42	9.10E-06	1.43E-09	4.99E-10	8.98E-06	1.41E-09	4.93E-10	8.72E-06	1.37E-09	4.79E-10
2821	490297.07, 3859530.42	9.30E-06	1.46E-09	5.10E-10	9.18E-06	1.45E-09	5.04E-10	8.91E-06	1.40E-09	4.89E-10
2822	490327.07, 3859530.42	8.98E-06	1.41E-09	4.93E-10	8.86E-06	1.40E-09	4.86E-10	8.60E-06	1.36E-09	4.72E-10
2823	490319.73, 3859055.34	1.45E-05	2.29E-09	7.97E-10	1.43E-05	2.26E-09	7.86E-10	1.39E-05	2.19E-09	7.64E-10
2824	490319.73, 3859105.34	1.38E-05	2.17E-09	7.56E-10	1.36E-05	2.14E-09	7.46E-10	1.32E-05	2.08E-09	7.24E-10
2825	490069.73, 3859155.34	1.56E-05	2.46E-09	8.57E-10	1.54E-05	2.43E-09	8.45E-10	1.50E-05	2.36E-09	8.21E-10
2826	490119.73, 3859155.34	1.51E-05	2.37E-09	8.26E-10	1.49E-05	2.34E-09	8.15E-10	1.44E-05	2.27E-09	7.92E-10
2827	490269.73, 3859155.34	1.36E-05	2.14E-09	7.47E-10	1.34E-05	2.12E-09	7.37E-10	1.30E-05	2.05E-09	7.16E-10
2828	490319.73, 3859155.34	1.31E-05	2.06E-09	7.19E-10	1.29E-05	2.04E-09	7.10E-10	1.26E-05	1.98E-09	6.89E-10
2829	490069.73, 3859205.34	1.49E-05	2.34E-09	8.16E-10	1.47E-05	2.31E-09	8.05E-10	1.42E-05	2.24E-09	7.82E-10
2830	490119.73, 3859205.34	1.43E-05	2.26E-09	7.87E-10	1.41E-05	2.23E-09	7.76E-10	1.37E-05	2.16E-09	7.54E-10
2831	490169.73, 3859205.34	1.38E-05	2.18E-09	7.60E-10	1.37E-05	2.15E-09	7.50E-10	1.33E-05	2.09E-09	7.28E-10
2832	490219.73, 3859205.34	1.34E-05	2.11E-09	7.35E-10	1.32E-05	2.08E-09	7.25E-10	1.28E-05	2.02E-09	7.04E-10
2833	490269.73, 3859205.34	1.29E-05	2.03E-09	7.07E-10	1.27E-05	2.00E-09	6.98E-10	1.23E-05	1.94E-09	6.77E-10
2834	490319.73, 3859205.34	1.24E-05	1.96E-09	6.82E-10	1.23E-05	1.93E-09	6.73E-10	1.19E-05	1.88E-09	6.54E-10
2835	490069.73, 3859255.34	1.41E-05	2.23E-09	7.76E-10	1.39E-05	2.20E-09	7.65E-10	1.35E-05	2.13E-09	7.43E-10
2836	490119.73, 3859255.34	1.36E-05	2.14E-09	7.47E-10	1.34E-05	2.12E-09	7.37E-10	1.30E-05	2.06E-09	7.16E-10
2837	490169.73, 3859255.34	1.31E-05	2.07E-09	7.21E-10	1.30E-05	2.04E-09	7.12E-10	1.26E-05	1.98E-09	6.91E-10
2838	490219.73, 3859255.34	1.27E-05	2.00E-09	6.97E-10	1.25E-05	1.98E-09	6.88E-10	1.22E-05	1.92E-09	6.68E-10
2839	490269.73, 3859255.34	1.23E-05	1.93E-09	6.73E-10	1.21E-05	1.91E-09	6.64E-10	1.17E-05	1.85E-09	6.45E-10
2840	490319.73, 3859255.34	1.18E-05	1.86E-09	6.50E-10	1.17E-05	1.84E-09	6.41E-10	1.13E-05	1.79E-09	6.23E-10
2841	490069.73, 3859305.34	1.34E-05	2.11E-09	7.36E-10	1.32E-05	2.09E-09	7.27E-10	1.29E-05	2.03E-09	7.06E-10
2842	490119.73, 3859305.34	1.29E-05	2.03E-09	7.09E-10	1.27E-05	2.01E-09	6.99E-10	1.24E-05	1.95E-09	6.79E-10
2843	490169.73, 3859305.34	1.25E-05	1.96E-09	6.84E-10	1.23E-05	1.94E-09	6.75E-10	1.19E-05	1.88E-09	6.55E-10
2844	490219.73, 3859305.34	1.20E-05	1.90E-09	6.61E-10	1.19E-05	1.87E-09	6.52E-10	1.15E-05	1.82E-09	6.33E-10
2845	490269.73, 3859305.34	1.17E-05	1.84E-09	6.39E-10	1.15E-05	1.81E-09	6.31E-10	1.12E-05	1.76E-09	6.13E-10
2846	490319.73, 3859305.34	1.12E-05	1.77E-09	6.17E-10	1.11E-05	1.75E-09	6.09E-10	1.08E-05	1.70E-09	5.92E-10
2847	490069.73, 3859355.34	1.27E-05	2.01E-09	6.99E-10	1.26E-05	1.98E-09	6.90E-10	1.22E-05	1.92E-09	6.70E-10
2848	490119.73, 3859355.34	1.22E-05	1.93E-09	6.71E-10	1.21E-05	1.90E-09	6.62E-10	1.17E-05	1.85E-09	6.43E-10
2849	490169.73, 3859355.34	1.18E-05	1.86E-09	6.46E-10	1.16E-05	1.83E-09	6.38E-10	1.13E-05	1.78E-09	6.19E-10
2850	490219.73, 3859355.34	1.14E-05	1.79E-09	6.25E-10	1.12E-05	1.77E-09	6.17E-10	1.09E-05	1.72E-09	5.99E-10
2851	490269.73, 3859355.34	1.10E-05	1.74E-09	6.05E-10	1.09E-05	1.71E-09	5.97E-10	1.06E-05	1.66E-09	5.80E-10
2852	490319.73, 3859355.34	1.07E-05	1.68E-09	5.86E-10	1.05E-05	1.66E-09	5.79E-10	1.02E-05	1.61E-09	5.62E-10
2853	490069.73, 3859405.34	1.23E-05	1.93E-09	6.72E-10	1.21E-05	1.90E-09	6.64E-10	1.17E-05	1.85E-09	6.44E-10
2854	490119.73, 3859405.34	1.16E-05	1.83E-09	6.39E-10	1.15E-05	1.81E-09	6.31E-10	1.12E-05	1.76E-09	6.13E-10
2855	490169.73, 3859405.34	1.12E-05	1.76E-09	6.13E-10	1.10E-05	1.74E-09	6.05E-10	1.07E-05	1.69E-09	5.87E-10
2856	490219.73, 3859405.34	1.08E-05	1.69E-09	5.90E-10	1.06E-05	1.67E-09	5.83E-10	1.03E-05	1.62E-09	5.66E-10
2857	490269.73, 3859405.34	1.04E-05	1.64E-09	5.72E-10	1.03E-05	1.62E-09	5.64E-10	9.98E-06	1.57E-09	5.48E-10
2858	490319.73, 3859405.34	1.01E-05	1.59E-09	5.54E-10	9.96E-06	1.57E-09	5.47E-10	9.67E-06	1.52E-09	5.31E-10
2859	490161.89, 3859541.83	9.15E-06	1.44E-09	5.02E-10	9.03E-06	1.42E-09	4.95E-10	8.76E-06	1.38E-09	4.81E-10
2860	490171.89, 3859541.83	9.17E-06	1.44E-09	5.03E-10	9.05E-06	1.43E-09	4.97E-10	8.79E-06	1.38E-09	4.82E-10
2861	490161.89, 3859551.83	8.90E-06	1.40E-09	4.89E-10	8.79E-06	1.38E-09	4.82E-10	8.53E-06	1.34E-09	4.68E-10
2862	490171.89, 3859551.83	8.91E-06	1.40E-09	4.89E-10	8.79E-06	1.38E-09	4.82E-10	8.53E-06	1.34E-09	4.68E-10
2863	489799.72, 3859348.21	1.65E-05	2.61E-09	9.08E-10	1.63E-05	2.57E-09	8.96E-10	1.58E-05	2.50E-09	8.70E-10
2864	489819.72, 3859348.21	1.64E-05	2.58E-09	8.97E-10	1.61E-05	2.54E-09	8.86E-10	1.57E-05	2.47E-09	8.60E-10
2865	489799.72, 3859368.21	1.60E-05	2.52E-09	8.78E-10	1.58E-05	2.49E-09	8.67E-10	1.53E-05	2.42E-09	8.42E-10
2866	489819.72, 3859368.21	1.57E-05	2.48E-09	8.63E-10	1.55E-05	2.44E-09	8.51E-10	1.51E-05	2.37E-09	8.27E-10

2867	489775.41, 3859329.72	1.74E-05	2.74E-09	9.55E-10	1.72E-05	2.70E-09	9.42E-10	1.67E-05	2.63E-09	9.15E-10
2868	489795.41, 3859329.72	1.72E-05	2.71E-09	9.44E-10	1.70E-05	2.67E-09	9.32E-10	1.65E-05	2.60E-09	9.05E-10
2869	489775.41, 3859349.72	1.69E-05	2.66E-09	9.26E-10	1.66E-05	2.62E-09	9.14E-10	1.62E-05	2.55E-09	8.87E-10
2870	489795.41, 3859349.72	1.66E-05	2.61E-09	9.08E-10	1.63E-05	2.57E-09	8.96E-10	1.59E-05	2.50E-09	8.71E-10
2871	489595.05, 3859219.43	2.45E-05	3.86E-09	1.34E-09	2.42E-05	3.81E-09	1.33E-09	2.35E-05	3.70E-09	1.29E-09
2872	489615.05, 3859219.43	2.38E-05	3.75E-09	1.31E-09	2.35E-05	3.70E-09	1.29E-09	2.28E-05	3.60E-09	1.25E-09
2873	489595.05, 3859239.43	2.41E-05	3.79E-09	1.32E-09	2.37E-05	3.74E-09	1.30E-09	2.30E-05	3.63E-09	1.27E-09
2874	489615.05, 3859239.43	2.33E-05	3.67E-09	1.28E-09	2.30E-05	3.63E-09	1.26E-09	2.24E-05	3.52E-09	1.23E-09
2875	489372.4, 3859092.58	4.63E-05	7.29E-09	2.54E-09	4.57E-05	7.20E-09	2.51E-09	4.44E-05	6.99E-09	2.44E-09
2876	489422.4, 3859092.58	3.93E-05	6.20E-09	2.16E-09	3.88E-05	6.12E-09	2.13E-09	3.77E-05	5.94E-09	2.07E-09
2877	489372.4, 3859142.58	4.45E-05	7.02E-09	2.44E-09	4.40E-05	6.93E-09	2.41E-09	4.27E-05	6.73E-09	2.34E-09
2878	489422.4, 3859142.58	3.76E-05	5.92E-09	2.06E-09	3.71E-05	5.85E-09	2.04E-09	3.60E-05	5.68E-09	1.98E-09
2879	488870.84, 3858666.64	5.30E-05	8.35E-09	2.91E-09	5.23E-05	8.24E-09	2.87E-09	5.08E-05	8.00E-09	2.79E-09
2880	488900.84, 3858666.64	7.68E-05	1.21E-08	4.22E-09	7.58E-05	1.19E-08	4.16E-09	7.36E-05	1.16E-08	4.04E-09
2881	488870.84, 3858696.64	4.08E-05	6.43E-09	2.24E-09	4.03E-05	6.34E-09	2.21E-09	3.91E-05	6.16E-09	2.15E-09
2882	488900.84, 3858696.64	5.20E-05	8.20E-09	2.86E-09	5.14E-05	8.09E-09	2.82E-09	4.99E-05	7.86E-09	2.74E-09
2883	488889.67, 3858683.97	5.33E-05	8.40E-09	2.93E-09	5.26E-05	8.29E-09	2.89E-09	5.11E-05	8.05E-09	2.80E-09
2884	488919.67, 3858683.97	7.67E-05	1.21E-08	4.21E-09	7.57E-05	1.19E-08	4.16E-09	7.35E-05	1.16E-08	4.04E-09
2885	488889.67, 3858713.97	4.11E-05	6.47E-09	2.25E-09	4.05E-05	6.39E-09	2.23E-09	3.94E-05	6.20E-09	2.16E-09
2886	488919.67, 3858713.97	5.23E-05	8.24E-09	2.87E-09	5.16E-05	8.13E-09	2.83E-09	5.01E-05	7.90E-09	2.75E-09
2887	488906.61, 3858703.33	5.13E-05	8.09E-09	2.82E-09	5.07E-05	7.98E-09	2.78E-09	4.92E-05	7.75E-09	2.70E-09
2888	488936.61, 3858703.33	7.27E-05	1.15E-08	3.99E-09	7.18E-05	1.13E-08	3.94E-09	6.97E-05	1.10E-08	3.82E-09
2889	488906.61, 3858733.33	4.05E-05	6.38E-09	2.22E-09	4.00E-05	6.30E-09	2.19E-09	3.88E-05	6.12E-09	2.13E-09
2890	488936.61, 3858733.33	5.10E-05	8.03E-09	2.80E-09	5.03E-05	7.92E-09	2.76E-09	4.88E-05	7.69E-09	2.68E-09
2891	488637.63, 3858467.85	4.41E-05	6.95E-09	2.42E-09	4.35E-05	6.85E-09	2.39E-09	4.23E-05	6.66E-09	2.32E-09
2892	488662.63, 3858467.85	5.56E-05	8.76E-09	3.05E-09	5.49E-05	8.65E-09	3.01E-09	5.33E-05	8.40E-09	2.93E-09
2893	488637.63, 3858492.85	3.60E-05	5.68E-09	1.98E-09	3.56E-05	5.60E-09	1.95E-09	3.45E-05	5.44E-09	1.90E-09
2894	488662.63, 3858492.85	4.30E-05	6.77E-09	2.36E-09	4.24E-05	6.68E-09	2.33E-09	4.12E-05	6.49E-09	2.26E-09
2895	488687.63, 3858492.85	5.43E-05	8.55E-09	2.98E-09	5.36E-05	8.44E-09	2.94E-09	5.20E-05	8.20E-09	2.86E-09
2896	488637.63, 3858517.85	3.06E-05	4.82E-09	1.68E-09	3.02E-05	4.76E-09	1.66E-09	2.93E-05	4.62E-09	1.61E-09
2897	488662.63, 3858517.85	3.53E-05	5.56E-09	1.94E-09	3.48E-05	5.49E-09	1.91E-09	3.38E-05	5.33E-09	1.86E-09
2898	488687.63, 3858517.85	4.20E-05	6.61E-09	2.30E-09	4.14E-05	6.52E-09	2.27E-09	4.02E-05	6.34E-09	2.21E-09
2899	488194.42, 3857168.98	1.72E-06	2.70E-10	9.41E-11	1.69E-06	2.67E-10	9.29E-11	1.64E-06	2.59E-10	9.02E-11
2900	488244.42, 3857168.98	1.74E-06	2.75E-10	9.57E-11	1.72E-06	2.71E-10	9.44E-11	1.67E-06	2.63E-10	9.17E-11
2901	488294.42, 3857168.98	1.76E-06	2.78E-10	9.68E-11	1.74E-06	2.74E-10	9.55E-11	1.69E-06	2.66E-10	9.28E-11
2902	488244.42, 3857218.98	1.82E-06	2.87E-10	1.00E-10	1.80E-06	2.84E-10	9.88E-11	1.75E-06	2.75E-10	9.59E-11
2903	488294.42, 3857218.98	1.85E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	1.00E-10	1.77E-06	2.79E-10	9.72E-11
2904	488294.42, 3857268.98	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.05E-10	1.87E-06	2.94E-10	1.02E-10
2905	488139.13, 3857111.68	1.61E-06	2.53E-10	8.81E-11	1.59E-06	2.50E-10	8.70E-11	1.54E-06	2.42E-10	8.45E-11
2906	488189.13, 3857111.68	1.64E-06	2.58E-10	8.99E-11	1.62E-06	2.55E-10	8.87E-11	1.57E-06	2.47E-10	8.62E-11
2907	488189.13, 3857161.68	1.70E-06	2.68E-10	9.34E-11	1.68E-06	2.65E-10	9.22E-11	1.63E-06	2.57E-10	8.96E-11
2908	487951.04, 3856961.26	1.35E-06	2.13E-10	7.41E-11	1.33E-06	2.10E-10	7.31E-11	1.29E-06	2.04E-10	7.10E-11
2909	488001.04, 3856961.26	1.37E-06	2.16E-10	7.52E-11	1.35E-06	2.13E-10	7.43E-11	1.31E-06	2.07E-10	7.21E-11
2910	488051.04, 3856961.26	1.38E-06	2.18E-10	7.59E-11	1.37E-06	2.15E-10	7.49E-11	1.33E-06	2.09E-10	7.28E-11
2911	488101.04, 3856961.26	1.41E-06	2.23E-10	7.76E-11	1.40E-06	2.20E-10	7.66E-11	1.36E-06	2.14E-10	7.44E-11
2912	487951.04, 3857011.26	1.41E-06	2.22E-10	7.73E-11	1.39E-06	2.19E-10	7.63E-11	1.35E-06	2.13E-10	7.41E-11
2913	488001.04, 3857011.26	1.42E-06	2.24E-10	7.80E-11	1.40E-06	2.21E-10	7.70E-11	1.36E-06	2.15E-10	7.48E-11
2914	488051.04, 3857011.26	1.44E-06	2.26E-10	7.88E-11	1.42E-06	2.23E-10	7.78E-11	1.38E-06	2.17E-10	7.55E-11
2915	488101.04, 3857011.26	1.47E-06	2.31E-10	8.06E-11	1.45E-06	2.28E-10	7.96E-11	1.41E-06	2.22E-10	7.73E-11
2916	488001.04, 3857061.26	1.48E-06	2.33E-10	8.12E-11	1.46E-06	2.30E-10	8.02E-11	1.42E-06	2.23E-10	7.79E-11
2917	488051.04, 3857061.26	1.50E-06	2.37E-10	8.25E-11	1.48E-06	2.34E-10	8.14E-11	1.44E-06	2.27E-10	7.91E-11
2918	488101.04, 3857061.26	1.53E-06	2.41E-10	8.40E-11	1.51E-06	2.38E-10	8.29E-11	1.47E-06	2.31E-10	8.05E-11
2919	487638.98, 3856673.79	1.00E-06	1.58E-10	5.50E-11	9.89E-07	1.56E-10	5.43E-11	9.61E-07	1.51E-10	5.27E-11
2920	487688.98, 3856673.79	1.01E-06	1.60E-10	5.57E-11	1.00E-06	1.58E-10	5.49E-11	9.72E-07	1.53E-10	5.34E-11
2921	487638.98, 3856723.79	1.04E-06	1.64E-10	5.72E-11	1.03E-06	1.62E-10	5.64E-11	9.99E-07	1.57E-10	5.48E-11
2922	487688.98, 3856723.79	1.05E-06	1.66E-10	5.78E-11	1.04E-06	1.64E-10	5.71E-11	1.01E-06	1.59E-10	5.54E-11
2923	486324.61, 3855740.57	4.84E-07	7.62E-11	2.66E-11	4.78E-07	7.52E-11	2.62E-11	4.64E-07	7.31E-11	2.54E-11
2924	486374.61, 3855740.57	4.69E-07	7.39E-11	2.57E-11	4.63E-07	7.29E-11	2.54E-11	4.49E-07	7.08E-11	2.47E-11
2925	486424.61, 3855740.57	4.62E-07	7.28E-11	2.54E-11	4.56E-07	7.19E-11	2.50E-11	4.43E-07	6.98E-11	2.43E-11
2926	486324.61, 3855790.57	4.99E-07	7.86E-11	2.74E-11	4.92E-07	7.75E-11	2.70E-11	4.78E-07	7.53E-11	2.62E-11
2927	486374.61, 3855790.57	4.86E-07	7.65E-11	2.67E-11	4.79E-07	7.55E-11	2.63E-11	4.66E-07	7.33E-11	2.56E-11
2928	486424.61, 3855790.57	4.83E-07	7.61E-11	2.65E-11	4.77E-07	7.51E-11	2.62E-11	4.63E-07	7.29E-11	2.54E-11
2929	486324.61, 3855840.57	5.12E-07	8.07E-11	2.81E-11	5.06E-07	7.97E-11	2.78E-11	4.91E-07	7.74E-11	2.69E-11
2930	486374.61, 3855840.57	5.10E-07	8.04E-11	2.80E-11	5.03E-07	7.93E-11	2.76E-11	4.89E-07	7.70E-11	2.68E-11
2931	486424.61, 3855840.57	5.04E-07	7.94E-11	2.77E-11	4.98E-07	7.84E-11	2.73E-11	4.83E-07	7.61E-11	2.65E-11
2932	486324.61, 3855890.57	5.35E-07	8.43E-11	2.94E-11	5.28E-07	8.32E-11	2.90E-11	5.13E-07	8.08E-11	2.82E-11
2933	486374.61, 3855890.57	5.32E-07	8.39E-11	2.92E-11	5.25E-07	8.28E-11	2.88E-11	5.10E-07	8.04E-11	2.80E-11
2934	486424.61, 3855890.57	5.26E-07	8.28E-11	2.89E-11	5.19E-07	8.18E-11	2.85E-11	5.04E-07	7.94E-11	2.77E-11
2935	488735.69, 3858285.64	4.79E-05	7.55E-09	2.63E-09	4.73E-05	7.45E-09	2.60E-09	4.60E-05	7.24E-09	2.52E-09
2936	488765.69, 3858285.64	4.37E-05	6.89E-09	2.40E-09	4.32E-05	6.80E-09	2.37E-09	4.19E-05	6.60E-09	2.30E-09

2937	488735.69, 3858315.64	5.36E-05	8.44E-09	2.94E-09	5.29E-05	8.33E-09	2.90E-09	5.14E-05	8.09E-09	2.82E-09
2938	488765.69, 3858315.64	4.83E-05	7.61E-09	2.65E-09	4.77E-05	7.51E-09	2.62E-09	4.63E-05	7.29E-09	2.54E-09
2939	478676.63, 3849871.93	8.55E-08	1.35E-11	4.69E-12	8.44E-08	1.33E-11	4.63E-12	8.19E-08	1.29E-11	4.50E-12
2940	479326.63, 3849871.93	8.65E-08	1.36E-11	4.75E-12	8.54E-08	1.35E-11	4.69E-12	8.29E-08	1.31E-11	4.55E-12
2941	479376.63, 3849871.93	8.68E-08	1.37E-11	4.76E-12	8.57E-08	1.35E-11	4.70E-12	8.32E-08	1.31E-11	4.57E-12
2942	479426.63, 3849871.93	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
2943	478726.63, 3849921.93	8.65E-08	1.36E-11	4.75E-12	8.54E-08	1.35E-11	4.69E-12	8.29E-08	1.31E-11	4.55E-12
2944	478776.63, 3849921.93	8.67E-08	1.37E-11	4.76E-12	8.55E-08	1.35E-11	4.69E-12	8.31E-08	1.31E-11	4.56E-12
2945	478826.63, 3849921.93	8.68E-08	1.37E-11	4.76E-12	8.57E-08	1.35E-11	4.70E-12	8.32E-08	1.31E-11	4.57E-12
2946	478976.63, 3849921.93	8.72E-08	1.37E-11	4.79E-12	8.61E-08	1.36E-11	4.72E-12	8.36E-08	1.32E-11	4.59E-12
2947	479026.63, 3849921.93	8.77E-08	1.38E-11	4.81E-12	8.66E-08	1.36E-11	4.75E-12	8.41E-08	1.32E-11	4.61E-12
2948	479076.63, 3849921.93	8.80E-08	1.39E-11	4.83E-12	8.68E-08	1.37E-11	4.77E-12	8.43E-08	1.33E-11	4.63E-12
2949	479126.63, 3849921.93	8.81E-08	1.39E-11	4.84E-12	8.70E-08	1.37E-11	4.77E-12	8.44E-08	1.33E-11	4.63E-12
2950	479176.63, 3849921.93	8.85E-08	1.39E-11	4.86E-12	8.73E-08	1.38E-11	4.79E-12	8.48E-08	1.34E-11	4.65E-12
2951	479226.63, 3849921.93	8.81E-08	1.39E-11	4.84E-12	8.70E-08	1.37E-11	4.77E-12	8.44E-08	1.33E-11	4.63E-12
2952	479276.63, 3849921.93	8.68E-08	1.37E-11	4.76E-12	8.57E-08	1.35E-11	4.70E-12	8.32E-08	1.31E-11	4.57E-12
2953	479326.63, 3849921.93	8.89E-08	1.40E-11	4.88E-12	8.77E-08	1.38E-11	4.81E-12	8.52E-08	1.34E-11	4.68E-12
2954	479376.63, 3849921.93	8.77E-08	1.38E-11	4.81E-12	8.66E-08	1.36E-11	4.75E-12	8.41E-08	1.32E-11	4.61E-12
2955	479426.63, 3849921.93	8.91E-08	1.40E-11	4.89E-12	8.80E-08	1.39E-11	4.83E-12	8.54E-08	1.35E-11	4.69E-12
2956	478726.63, 3849971.93	8.72E-08	1.37E-11	4.79E-12	8.61E-08	1.36E-11	4.72E-12	8.36E-08	1.32E-11	4.59E-12
2957	478776.63, 3849971.93	8.75E-08	1.38E-11	4.80E-12	8.63E-08	1.36E-11	4.74E-12	8.38E-08	1.32E-11	4.60E-12
2958	478826.63, 3849971.93	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
2959	478976.63, 3849971.93	8.85E-08	1.39E-11	4.86E-12	8.73E-08	1.38E-11	4.79E-12	8.48E-08	1.34E-11	4.65E-12
2960	479026.63, 3849971.93	8.86E-08	1.40E-11	4.86E-12	8.75E-08	1.38E-11	4.80E-12	8.49E-08	1.34E-11	4.66E-12
2961	479076.63, 3849971.93	8.88E-08	1.40E-11	4.87E-12	8.76E-08	1.38E-11	4.81E-12	8.51E-08	1.34E-11	4.67E-12
2962	479126.63, 3849971.93	8.90E-08	1.40E-11	4.89E-12	8.79E-08	1.38E-11	4.82E-12	8.53E-08	1.34E-11	4.68E-12
2963	479176.63, 3849971.93	8.93E-08	1.41E-11	4.90E-12	8.81E-08	1.39E-11	4.84E-12	8.56E-08	1.35E-11	4.70E-12
2964	479226.63, 3849971.93	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
2965	479276.63, 3849971.93	8.91E-08	1.40E-11	4.89E-12	8.80E-08	1.39E-11	4.83E-12	8.54E-08	1.35E-11	4.69E-12
2966	479326.63, 3849971.93	9.04E-08	1.42E-11	4.96E-12	8.93E-08	1.41E-11	4.90E-12	8.67E-08	1.37E-11	4.76E-12
2967	479376.63, 3849971.93	8.93E-08	1.41E-11	4.90E-12	8.81E-08	1.39E-11	4.84E-12	8.56E-08	1.35E-11	4.70E-12
2968	479426.63, 3849971.93	9.01E-08	1.42E-11	4.94E-12	8.89E-08	1.40E-11	4.88E-12	8.63E-08	1.36E-11	4.74E-12
2969	478726.63, 3850021.93	8.80E-08	1.39E-11	4.83E-12	8.68E-08	1.37E-11	4.77E-12	8.43E-08	1.33E-11	4.63E-12
2970	478776.63, 3850021.93	8.81E-08	1.39E-11	4.84E-12	8.70E-08	1.37E-11	4.77E-12	8.44E-08	1.33E-11	4.63E-12
2971	478826.63, 3850021.93	8.84E-08	1.39E-11	4.85E-12	8.72E-08	1.37E-11	4.79E-12	8.47E-08	1.33E-11	4.65E-12
2972	478976.63, 3850021.93	8.93E-08	1.41E-11	4.90E-12	8.81E-08	1.39E-11	4.84E-12	8.56E-08	1.35E-11	4.70E-12
2973	478726.63, 3850071.93	8.88E-08	1.40E-11	4.87E-12	8.76E-08	1.38E-11	4.81E-12	8.51E-08	1.34E-11	4.67E-12
2974	478776.63, 3850071.93	8.89E-08	1.40E-11	4.88E-12	8.77E-08	1.38E-11	4.81E-12	8.52E-08	1.34E-11	4.68E-12
2975	478826.63, 3850071.93	8.91E-08	1.40E-11	4.89E-12	8.80E-08	1.39E-11	4.83E-12	8.54E-08	1.35E-11	4.69E-12
2976	478876.63, 3850071.93	8.94E-08	1.41E-11	4.91E-12	8.82E-08	1.39E-11	4.84E-12	8.57E-08	1.35E-11	4.70E-12
2977	478976.63, 3850071.93	9.01E-08	1.42E-11	4.94E-12	8.89E-08	1.40E-11	4.88E-12	8.63E-08	1.36E-11	4.74E-12
2978	478726.63, 3850121.93	8.95E-08	1.41E-11	4.91E-12	8.84E-08	1.39E-11	4.85E-12	8.58E-08	1.35E-11	4.71E-12
2979	478776.63, 3850121.93	8.98E-08	1.41E-11	4.93E-12	8.86E-08	1.40E-11	4.86E-12	8.61E-08	1.36E-11	4.72E-12
2980	478826.63, 3850121.93	8.99E-08	1.42E-11	4.94E-12	8.87E-08	1.40E-11	4.87E-12	8.62E-08	1.36E-11	4.73E-12
2981	478876.63, 3850121.93	9.02E-08	1.42E-11	4.95E-12	8.90E-08	1.40E-11	4.88E-12	8.64E-08	1.36E-11	4.74E-12
2982	478976.63, 3850121.93	9.08E-08	1.43E-11	4.99E-12	8.96E-08	1.41E-11	4.92E-12	8.71E-08	1.37E-11	4.78E-12
2983	479026.63, 3850121.93	9.12E-08	1.44E-11	5.01E-12	9.00E-08	1.42E-11	4.94E-12	8.74E-08	1.38E-11	4.80E-12
2984	479076.63, 3850121.93	9.14E-08	1.44E-11	5.01E-12	9.02E-08	1.42E-11	4.95E-12	8.76E-08	1.38E-11	4.81E-12
2985	479126.63, 3850121.93	9.16E-08	1.44E-11	5.03E-12	9.04E-08	1.42E-11	4.96E-12	8.78E-08	1.38E-11	4.82E-12
2986	478776.63, 3850171.93	9.06E-08	1.43E-11	4.97E-12	8.94E-08	1.41E-11	4.91E-12	8.68E-08	1.37E-11	4.76E-12
2987	478826.63, 3850171.93	9.07E-08	1.43E-11	4.98E-12	8.95E-08	1.41E-11	4.91E-12	8.69E-08	1.37E-11	4.77E-12
2988	478876.63, 3850171.93	9.10E-08	1.43E-11	4.99E-12	8.98E-08	1.41E-11	4.93E-12	8.72E-08	1.37E-11	4.78E-12
2989	478976.63, 3850171.93	9.16E-08	1.44E-11	5.03E-12	9.04E-08	1.42E-11	4.96E-12	8.78E-08	1.38E-11	4.82E-12
2990	479026.63, 3850171.93	9.20E-08	1.45E-11	5.05E-12	9.08E-08	1.43E-11	4.98E-12	8.82E-08	1.39E-11	4.84E-12
2991	479076.63, 3850171.93	9.23E-08	1.45E-11	5.06E-12	9.11E-08	1.43E-11	5.00E-12	8.84E-08	1.39E-11	4.85E-12
2992	479126.63, 3850171.93	9.25E-08	1.46E-11	5.08E-12	9.13E-08	1.44E-11	5.01E-12	8.87E-08	1.40E-11	4.87E-12
2993	479176.63, 3850171.93	9.29E-08	1.46E-11	5.10E-12	9.17E-08	1.44E-11	5.03E-12	8.91E-08	1.40E-11	4.89E-12
2994	479226.63, 3850171.93	9.37E-08	1.48E-11	5.14E-12	9.25E-08	1.46E-11	5.08E-12	8.98E-08	1.41E-11	4.93E-12
2995	479276.63, 3850171.93	9.47E-08	1.49E-11	5.20E-12	9.35E-08	1.47E-11	5.13E-12	9.08E-08	1.43E-11	4.98E-12
2996	479326.63, 3850171.93	9.47E-08	1.49E-11	5.20E-12	9.35E-08	1.47E-11	5.13E-12	9.08E-08	1.43E-11	4.98E-12
2997	479376.63, 3850171.93	9.49E-08	1.49E-11	5.21E-12	9.36E-08	1.47E-11	5.14E-12	9.09E-08	1.43E-11	4.99E-12
2998	478676.63, 3850221.93	9.08E-08	1.43E-11	4.99E-12	8.96E-08	1.41E-11	4.92E-12	8.71E-08	1.37E-11	4.78E-12
2999	478726.63, 3850221.93	9.11E-08	1.44E-11	5.00E-12	8.99E-08	1.42E-11	4.93E-12	8.73E-08	1.38E-11	4.79E-12
3000	478976.63, 3850221.93	9.25E-08	1.46E-11	5.08E-12	9.13E-08	1.44E-11	5.01E-12	8.87E-08	1.40E-11	4.87E-12
3001	479026.63, 3850221.93	9.29E-08	1.46E-11	5.10E-12	9.17E-08	1.44E-11	5.03E-12	8.91E-08	1.40E-11	4.89E-12
3002	479076.63, 3850221.93	9.32E-08	1.47E-11	5.11E-12	9.20E-08	1.45E-11	5.05E-12	8.93E-08	1.41E-11	4.90E-12
3003	479126.63, 3850221.93	9.34E-08	1.47E-11	5.13E-12	9.22E-08	1.45E-11	5.06E-12	8.95E-08	1.41E-11	4.91E-12
3004	479176.63, 3850221.93	9.41E-08	1.48E-11	5.16E-12	9.29E-08	1.46E-11	5.10E-12	9.02E-08	1.42E-11	4.95E-12
3005	479226.63, 3850221.93	9.46E-08	1.49E-11	5.19E-12	9.34E-08	1.47E-11	5.12E-12	9.07E-08	1.43E-11	4.98E-12
3006	479276.63, 3850221.93	9.53E-08	1.50E-11	5.23E-12	9.40E-08	1.48E-11	5.16E-12	9.13E-08	1.44E-11	5.01E-12

3007	479326.63, 3850221.93	9.55E-08	1.50E-11	5.24E-12	9.43E-08	1.49E-11	5.17E-12	9.15E-08	1.44E-11	5.02E-12
3008	479376.63, 3850221.93	9.58E-08	1.51E-11	5.26E-12	9.45E-08	1.49E-11	5.19E-12	9.18E-08	1.45E-11	5.04E-12
3009	478676.63, 3850271.93	9.16E-08	1.44E-11	5.03E-12	9.04E-08	1.42E-11	4.96E-12	8.78E-08	1.38E-11	4.82E-12
3010	478726.63, 3850271.93	9.19E-08	1.45E-11	5.04E-12	9.07E-08	1.43E-11	4.98E-12	8.81E-08	1.39E-11	4.83E-12
3011	478976.63, 3850271.93	9.33E-08	1.47E-11	5.12E-12	9.21E-08	1.45E-11	5.05E-12	8.94E-08	1.41E-11	4.91E-12
3012	479026.63, 3850271.93	9.37E-08	1.48E-11	5.14E-12	9.25E-08	1.46E-11	5.08E-12	8.98E-08	1.41E-11	4.93E-12
3013	479076.63, 3850271.93	9.41E-08	1.48E-11	5.16E-12	9.29E-08	1.46E-11	5.10E-12	9.02E-08	1.42E-11	4.95E-12
3014	479126.63, 3850271.93	9.43E-08	1.49E-11	5.18E-12	9.31E-08	1.47E-11	5.11E-12	9.04E-08	1.42E-11	4.96E-12
3015	479176.63, 3850271.93	9.49E-08	1.49E-11	5.21E-12	9.36E-08	1.47E-11	5.14E-12	9.09E-08	1.43E-11	4.99E-12
3016	479226.63, 3850271.93	9.54E-08	1.50E-11	5.24E-12	9.41E-08	1.48E-11	5.17E-12	9.14E-08	1.44E-11	5.02E-12
3017	479276.63, 3850271.93	9.58E-08	1.51E-11	5.26E-12	9.45E-08	1.49E-11	5.19E-12	9.18E-08	1.45E-11	5.04E-12
3018	479326.63, 3850271.93	9.60E-08	1.51E-11	5.27E-12	9.48E-08	1.49E-11	5.20E-12	9.20E-08	1.45E-11	5.05E-12
3019	479376.63, 3850271.93	9.62E-08	1.51E-11	5.28E-12	9.49E-08	1.50E-11	5.21E-12	9.22E-08	1.45E-11	5.06E-12
3020	479053.24, 3850293.52	9.42E-08	1.48E-11	5.17E-12	9.30E-08	1.46E-11	5.10E-12	9.03E-08	1.42E-11	4.96E-12
3021	479103.24, 3850293.52	9.46E-08	1.49E-11	5.19E-12	9.34E-08	1.47E-11	5.12E-12	9.07E-08	1.43E-11	4.98E-12
3022	479153.24, 3850293.52	9.50E-08	1.50E-11	5.21E-12	9.38E-08	1.48E-11	5.15E-12	9.10E-08	1.43E-11	5.00E-12
3023	479203.24, 3850293.52	9.55E-08	1.50E-11	5.24E-12	9.43E-08	1.49E-11	5.17E-12	9.15E-08	1.44E-11	5.02E-12
3024	479253.24, 3850293.52	9.59E-08	1.51E-11	5.26E-12	9.47E-08	1.49E-11	5.20E-12	9.19E-08	1.45E-11	5.04E-12
3025	479303.24, 3850293.52	9.62E-08	1.51E-11	5.28E-12	9.49E-08	1.50E-11	5.21E-12	9.22E-08	1.45E-11	5.06E-12
3026	479353.24, 3850293.52	9.64E-08	1.52E-11	5.29E-12	9.52E-08	1.50E-11	5.22E-12	9.24E-08	1.46E-11	5.07E-12
3027	479153.24, 3850343.52	9.58E-08	1.51E-11	5.26E-12	9.45E-08	1.49E-11	5.19E-12	9.18E-08	1.45E-11	5.04E-12
3028	479203.24, 3850343.52	9.62E-08	1.51E-11	5.28E-12	9.49E-08	1.50E-11	5.21E-12	9.22E-08	1.45E-11	5.06E-12
3029	479253.24, 3850343.52	9.66E-08	1.52E-11	5.30E-12	9.53E-08	1.50E-11	5.23E-12	9.25E-08	1.46E-11	5.08E-12
3030	479303.24, 3850343.52	9.67E-08	1.52E-11	5.31E-12	9.54E-08	1.50E-11	5.24E-12	9.27E-08	1.46E-11	5.09E-12
3031	479353.24, 3850343.52	9.70E-08	1.53E-11	5.32E-12	9.57E-08	1.51E-11	5.25E-12	9.29E-08	1.46E-11	5.10E-12
3032	479203.24, 3850393.52	9.70E-08	1.53E-11	5.32E-12	9.57E-08	1.51E-11	5.25E-12	9.29E-08	1.46E-11	5.10E-12
3033	479253.24, 3850393.52	9.72E-08	1.53E-11	5.34E-12	9.59E-08	1.51E-11	5.27E-12	9.32E-08	1.47E-11	5.11E-12
3034	479303.24, 3850393.52	9.73E-08	1.53E-11	5.34E-12	9.61E-08	1.51E-11	5.27E-12	9.33E-08	1.47E-11	5.12E-12
3035	479353.24, 3850393.52	9.76E-08	1.54E-11	5.36E-12	9.63E-08	1.52E-11	5.29E-12	9.35E-08	1.47E-11	5.13E-12
3036	479403.24, 3850393.52	9.79E-08	1.54E-11	5.37E-12	9.66E-08	1.52E-11	5.30E-12	9.38E-08	1.48E-11	5.15E-12
3037	479453.24, 3850393.52	9.79E-08	1.54E-11	5.37E-12	9.66E-08	1.52E-11	5.30E-12	9.38E-08	1.48E-11	5.15E-12
3038	479503.24, 3850393.52	9.79E-08	1.54E-11	5.37E-12	9.66E-08	1.52E-11	5.30E-12	9.38E-08	1.48E-11	5.15E-12
3039	479303.24, 3850443.52	9.80E-08	1.54E-11	5.38E-12	9.67E-08	1.52E-11	5.31E-12	9.39E-08	1.48E-11	5.15E-12
3040	479353.24, 3850443.52	9.81E-08	1.55E-11	5.39E-12	9.68E-08	1.53E-11	5.31E-12	9.40E-08	1.48E-11	5.16E-12
3041	479403.24, 3850443.52	9.81E-08	1.55E-11	5.39E-12	9.68E-08	1.53E-11	5.31E-12	9.40E-08	1.48E-11	5.16E-12
3042	479453.24, 3850443.52	9.83E-08	1.55E-11	5.39E-12	9.70E-08	1.53E-11	5.32E-12	9.42E-08	1.48E-11	5.17E-12
3043	479503.24, 3850443.52	9.83E-08	1.55E-11	5.39E-12	9.70E-08	1.53E-11	5.32E-12	9.42E-08	1.48E-11	5.17E-12
3044	480327.18, 3850987.04	1.15E-07	1.82E-11	6.34E-12	1.14E-07	1.79E-11	6.25E-12	1.11E-07	1.74E-11	6.07E-12
3045	480377.18, 3850987.04	1.16E-07	1.83E-11	6.38E-12	1.15E-07	1.81E-11	6.29E-12	1.11E-07	1.75E-11	6.11E-12
3046	480427.18, 3850987.04	1.17E-07	1.84E-11	6.41E-12	1.15E-07	1.82E-11	6.33E-12	1.12E-07	1.76E-11	6.15E-12
3047	480477.18, 3850987.04	1.18E-07	1.85E-11	6.45E-12	1.16E-07	1.83E-11	6.37E-12	1.13E-07	1.77E-11	6.18E-12
3048	480327.18, 3851037.04	1.16E-07	1.83E-11	6.36E-12	1.14E-07	1.80E-11	6.28E-12	1.11E-07	1.75E-11	6.10E-12
3049	480377.18, 3851037.04	1.17E-07	1.84E-11	6.40E-12	1.15E-07	1.81E-11	6.32E-12	1.12E-07	1.76E-11	6.13E-12
3050	480427.18, 3851037.04	1.17E-07	1.85E-11	6.44E-12	1.16E-07	1.82E-11	6.35E-12	1.12E-07	1.77E-11	6.17E-12
3051	480477.18, 3851037.04	1.18E-07	1.86E-11	6.48E-12	1.16E-07	1.84E-11	6.39E-12	1.13E-07	1.78E-11	6.21E-12
3052	480622.06, 3851087.39	1.21E-07	1.91E-11	6.64E-12	1.19E-07	1.88E-11	6.56E-12	1.16E-07	1.83E-11	6.37E-12
3053	480672.06, 3851087.39	1.22E-07	1.93E-11	6.71E-12	1.21E-07	1.90E-11	6.62E-12	1.17E-07	1.84E-11	6.43E-12
3054	480622.06, 3851137.39	1.22E-07	1.91E-11	6.67E-12	1.20E-07	1.89E-11	6.58E-12	1.16E-07	1.84E-11	6.39E-12
3055	480672.06, 3851137.39	1.23E-07	1.93E-11	6.73E-12	1.21E-07	1.91E-11	6.64E-12	1.17E-07	1.85E-11	6.45E-12
3056	480722.06, 3851137.39	1.24E-07	1.95E-11	6.79E-12	1.22E-07	1.92E-11	6.70E-12	1.19E-07	1.87E-11	6.51E-12
3057	480622.06, 3851187.39	1.22E-07	1.92E-11	6.70E-12	1.20E-07	1.90E-11	6.61E-12	1.17E-07	1.84E-11	6.42E-12
3058	480672.06, 3851187.39	1.23E-07	1.94E-11	6.76E-12	1.22E-07	1.91E-11	6.67E-12	1.18E-07	1.86E-11	6.48E-12
3059	480722.06, 3851187.39	1.24E-07	1.96E-11	6.82E-12	1.23E-07	1.93E-11	6.73E-12	1.19E-07	1.88E-11	6.54E-12
3060	471363.09, 3845877.25	3.40E-08	5.35E-12	1.86E-12	3.35E-08	5.28E-12	1.84E-12	3.26E-08	5.13E-12	1.79E-12
3061	471863.09, 3845877.25	3.27E-08	5.15E-12	1.79E-12	3.22E-08	5.08E-12	1.77E-12	3.13E-08	4.93E-12	1.72E-12
3062	472363.09, 3845877.25	3.55E-08	5.60E-12	1.95E-12	3.51E-08	5.52E-12	1.92E-12	3.40E-08	5.36E-12	1.87E-12
3063	472863.09, 3845877.25	3.14E-08	4.94E-12	1.72E-12	3.10E-08	4.88E-12	1.70E-12	3.01E-08	4.74E-12	1.65E-12
3064	473363.09, 3845877.25	3.18E-08	5.00E-12	1.74E-12	3.13E-08	4.94E-12	1.72E-12	3.04E-08	4.79E-12	1.67E-12
3065	473863.09, 3845877.25	3.27E-08	5.15E-12	1.79E-12	3.22E-08	5.08E-12	1.77E-12	3.13E-08	4.93E-12	1.72E-12
3066	474363.09, 3845877.25	3.57E-08	5.62E-12	1.96E-12	3.52E-08	5.54E-12	1.93E-12	3.42E-08	5.38E-12	1.88E-12
3067	474863.09, 3845877.25	3.77E-08	5.95E-12	2.07E-12	3.72E-08	5.87E-12	2.04E-12	3.62E-08	5.70E-12	1.99E-12
3068	475363.09, 3845877.25	4.10E-08	6.46E-12	2.25E-12	4.05E-08	6.37E-12	2.22E-12	3.93E-08	6.19E-12	2.16E-12
3069	475863.09, 3845877.25	4.46E-08	7.03E-12	2.45E-12	4.41E-08	6.94E-12	2.42E-12	4.28E-08	6.74E-12	2.35E-12
3070	476363.09, 3845877.25	4.46E-08	7.03E-12	2.45E-12	4.41E-08	6.94E-12	2.42E-12	4.28E-08	6.74E-12	2.35E-12
3071	476863.09, 3845877.25	4.28E-08	6.74E-12	2.35E-12	4.23E-08	6.66E-12	2.32E-12	4.10E-08	6.46E-12	2.25E-12
3072	477363.09, 3845877.25	4.28E-08	6.74E-12	2.35E-12	4.23E-08	6.66E-12	2.32E-12	4.10E-08	6.46E-12	2.25E-12
3073	477863.09, 3845877.25	4.01E-08	6.31E-12	2.20E-12	3.96E-08	6.23E-12	2.17E-12	3.84E-08	6.05E-12	2.11E-12
3074	478363.09, 3845877.25	3.66E-08	5.76E-12	2.01E-12	3.61E-08	5.69E-12	1.98E-12	3.50E-08	5.52E-12	1.92E-12
3075	478863.09, 3845877.25	3.53E-08	5.56E-12	1.94E-12	3.48E-08	5.48E-12	1.91E-12	3.38E-08	5.32E-12	1.86E-12
3076	479363.09, 3845877.25	3.66E-08	5.76E-12	2.01E-12	3.61E-08	5.69E-12	1.98E-12	3.50E-08	5.52E-12	1.92E-12

3077	479863.09, 3845877.25	3.53E-08	5.56E-12	1.94E-12	3.48E-08	5.48E-12	1.91E-12	3.38E-08	5.32E-12	1.86E-12
3078	480363.09, 3845877.25	2.99E-08	4.72E-12	1.64E-12	2.95E-08	4.65E-12	1.62E-12	2.87E-08	4.52E-12	1.57E-12
3079	480863.09, 3845877.25	2.82E-08	4.45E-12	1.55E-12	2.79E-08	4.39E-12	1.53E-12	2.71E-08	4.26E-12	1.49E-12
3080	481363.09, 3845877.25	2.59E-08	4.08E-12	1.42E-12	2.56E-08	4.03E-12	1.40E-12	2.48E-08	3.91E-12	1.36E-12
3081	481863.09, 3845877.25	2.33E-08	3.67E-12	1.28E-12	2.30E-08	3.62E-12	1.26E-12	2.23E-08	3.52E-12	1.23E-12
3082	482363.09, 3845877.25	2.06E-08	3.24E-12	1.13E-12	2.03E-08	3.20E-12	1.11E-12	1.97E-08	3.10E-12	1.08E-12
3083	482863.09, 3845877.25	1.56E-08	2.46E-12	8.57E-13	1.54E-08	2.43E-12	8.46E-13	1.50E-08	2.36E-12	8.21E-13
3084	483363.09, 3845877.25	1.39E-08	2.19E-12	7.64E-13	1.37E-08	2.16E-12	7.54E-13	1.33E-08	2.10E-12	7.32E-13
3085	483863.09, 3845877.25	1.65E-08	2.60E-12	9.07E-13	1.63E-08	2.57E-12	8.95E-13	1.58E-08	2.50E-12	8.69E-13
3086	484363.09, 3845877.25	1.65E-08	2.60E-12	9.07E-13	1.63E-08	2.57E-12	8.95E-13	1.58E-08	2.50E-12	8.69E-13
3087	484863.09, 3845877.25	1.61E-08	2.54E-12	8.86E-13	1.59E-08	2.51E-12	8.74E-13	1.55E-08	2.44E-12	8.49E-13
3088	485363.09, 3845877.25	1.54E-08	2.42E-12	8.43E-13	1.52E-08	2.39E-12	8.32E-13	1.47E-08	2.32E-12	8.08E-13
3089	485863.09, 3845877.25	1.52E-08	2.40E-12	8.36E-13	1.50E-08	2.37E-12	8.25E-13	1.46E-08	2.30E-12	8.01E-13
3090	486363.09, 3845877.25	1.50E-08	2.36E-12	8.21E-13	1.48E-08	2.33E-12	8.11E-13	1.43E-08	2.26E-12	7.87E-13
3091	486863.09, 3845877.25	1.44E-08	2.28E-12	7.93E-13	1.43E-08	2.25E-12	7.82E-13	1.38E-08	2.18E-12	7.60E-13
3092	487363.09, 3845877.25	1.44E-08	2.28E-12	7.93E-13	1.43E-08	2.25E-12	7.82E-13	1.38E-08	2.18E-12	7.60E-13
3093	487863.09, 3845877.25	1.37E-08	2.15E-12	7.50E-13	1.35E-08	2.12E-12	7.40E-13	1.31E-08	2.06E-12	7.19E-13
3094	488363.09, 3845877.25	1.26E-08	1.99E-12	6.93E-13	1.25E-08	1.96E-12	6.84E-13	1.21E-08	1.91E-12	6.64E-13
3095	488863.09, 3845877.25	1.37E-08	2.15E-12	7.50E-13	1.35E-08	2.12E-12	7.40E-13	1.31E-08	2.06E-12	7.19E-13
3096	489363.09, 3845877.25	1.35E-08	2.13E-12	7.43E-13	1.34E-08	2.10E-12	7.33E-13	1.30E-08	2.04E-12	7.12E-13
3097	489863.09, 3845877.25	1.30E-08	2.05E-12	7.14E-13	1.28E-08	2.02E-12	7.05E-13	1.25E-08	1.96E-12	6.85E-13
3098	490363.09, 3845877.25	1.18E-08	1.87E-12	6.50E-13	1.17E-08	1.84E-12	6.41E-13	1.13E-08	1.79E-12	6.23E-13
3099	490863.09, 3845877.25	1.00E-08	1.58E-12	5.50E-13	9.89E-09	1.56E-12	5.43E-13	9.60E-09	1.51E-12	5.27E-13
3100	491363.09, 3845877.25	1.04E-08	1.64E-12	5.71E-13	1.03E-08	1.62E-12	5.64E-13	9.98E-09	1.57E-12	5.48E-13
3101	491863.09, 3845877.25	1.07E-08	1.68E-12	5.86E-13	1.05E-08	1.66E-12	5.78E-13	1.02E-08	1.61E-12	5.61E-13
3102	492363.09, 3845877.25	9.89E-09	1.56E-12	5.43E-13	9.76E-09	1.54E-12	5.36E-13	9.48E-09	1.49E-12	5.20E-13
3103	492863.09, 3845877.25	1.11E-08	1.74E-12	6.07E-13	1.09E-08	1.72E-12	5.99E-13	1.06E-08	1.67E-12	5.82E-13
3104	493363.09, 3845877.25	1.16E-08	1.82E-12	6.36E-13	1.14E-08	1.80E-12	6.27E-13	1.11E-08	1.75E-12	6.09E-13
3105	493863.09, 3845877.25	1.16E-08	1.82E-12	6.36E-13	1.14E-08	1.80E-12	6.27E-13	1.11E-08	1.75E-12	6.09E-13
3106	494363.09, 3845877.25	1.18E-08	1.87E-12	6.50E-13	1.17E-08	1.84E-12	6.41E-13	1.13E-08	1.79E-12	6.23E-13
3107	494863.09, 3845877.25	1.22E-08	1.93E-12	6.71E-13	1.21E-08	1.90E-12	6.63E-13	1.17E-08	1.85E-12	6.43E-13
3108	495363.09, 3845877.25	1.24E-08	1.95E-12	6.79E-13	1.22E-08	1.92E-12	6.70E-13	1.18E-08	1.87E-12	6.50E-13
3109	495863.09, 3845877.25	1.25E-08	1.97E-12	6.86E-13	1.23E-08	1.94E-12	6.77E-13	1.20E-08	1.89E-12	6.57E-13
3110	496363.09, 3845877.25	1.28E-08	2.01E-12	7.00E-13	1.26E-08	1.98E-12	6.91E-13	1.22E-08	1.93E-12	6.71E-13
3111	496863.09, 3845877.25	1.24E-08	1.95E-12	6.79E-13	1.22E-08	1.92E-12	6.70E-13	1.18E-08	1.87E-12	6.50E-13
3112	497363.09, 3845877.25	1.30E-08	2.05E-12	7.14E-13	1.28E-08	2.02E-12	7.05E-13	1.25E-08	1.96E-12	6.85E-13
3113	497863.09, 3845877.25	1.39E-08	2.19E-12	7.64E-13	1.37E-08	2.16E-12	7.54E-13	1.33E-08	2.10E-12	7.32E-13
3114	498363.09, 3845877.25	1.39E-08	2.19E-12	7.64E-13	1.37E-08	2.16E-12	7.54E-13	1.33E-08	2.10E-12	7.32E-13
3115	471363.09, 3846377.25	4.80E-08	7.56E-12	2.64E-12	4.74E-08	7.47E-12	2.60E-12	4.60E-08	7.25E-12	2.53E-12
3116	471863.09, 3846377.25	4.52E-08	7.11E-12	2.48E-12	4.46E-08	7.02E-12	2.45E-12	4.33E-08	6.82E-12	2.38E-12
3117	472363.09, 3846377.25	3.47E-08	5.47E-12	1.91E-12	3.43E-08	5.40E-12	1.88E-12	3.33E-08	5.25E-12	1.83E-12
3118	472863.09, 3846377.25	3.55E-08	5.60E-12	1.95E-12	3.51E-08	5.52E-12	1.92E-12	3.40E-08	5.36E-12	1.87E-12
3119	473363.09, 3846377.25	3.59E-08	5.66E-12	1.97E-12	3.54E-08	5.58E-12	1.95E-12	3.44E-08	5.42E-12	1.89E-12
3120	473863.09, 3846377.25	3.72E-08	5.86E-12	2.04E-12	3.67E-08	5.79E-12	2.02E-12	3.57E-08	5.62E-12	1.96E-12
3121	474363.09, 3846377.25	3.81E-08	6.01E-12	2.09E-12	3.76E-08	5.93E-12	2.07E-12	3.65E-08	5.76E-12	2.01E-12
3122	474863.09, 3846377.25	4.07E-08	6.42E-12	2.24E-12	4.02E-08	6.33E-12	2.21E-12	3.90E-08	6.15E-12	2.14E-12
3123	475363.09, 3846377.25	4.24E-08	6.68E-12	2.33E-12	4.19E-08	6.60E-12	2.30E-12	4.07E-08	6.41E-12	2.23E-12
3124	475863.09, 3846377.25	4.55E-08	7.18E-12	2.50E-12	4.50E-08	7.08E-12	2.47E-12	4.37E-08	6.88E-12	2.40E-12
3125	476363.09, 3846377.25	4.80E-08	7.56E-12	2.64E-12	4.74E-08	7.47E-12	2.60E-12	4.60E-08	7.25E-12	2.53E-12
3126	476863.09, 3846377.25	4.81E-08	7.59E-12	2.64E-12	4.75E-08	7.49E-12	2.61E-12	4.61E-08	7.27E-12	2.53E-12
3127	477363.09, 3846377.25	4.67E-08	7.36E-12	2.56E-12	4.61E-08	7.26E-12	2.53E-12	4.48E-08	7.05E-12	2.46E-12
3128	477863.09, 3846377.25	4.57E-08	7.20E-12	2.51E-12	4.51E-08	7.10E-12	2.47E-12	4.38E-08	6.90E-12	2.40E-12
3129	478363.09, 3846377.25	4.29E-08	6.77E-12	2.36E-12	4.24E-08	6.68E-12	2.33E-12	4.12E-08	6.48E-12	2.26E-12
3130	478863.09, 3846377.25	4.05E-08	6.38E-12	2.22E-12	3.99E-08	6.29E-12	2.19E-12	3.88E-08	6.11E-12	2.13E-12
3131	479363.09, 3846377.25	3.97E-08	6.25E-12	2.18E-12	3.92E-08	6.17E-12	2.15E-12	3.80E-08	5.99E-12	2.09E-12
3132	479863.09, 3846377.25	3.88E-08	6.11E-12	2.13E-12	3.83E-08	6.03E-12	2.10E-12	3.72E-08	5.86E-12	2.04E-12
3133	480363.09, 3846377.25	3.75E-08	5.90E-12	2.06E-12	3.70E-08	5.83E-12	2.03E-12	3.59E-08	5.66E-12	1.97E-12
3134	480863.09, 3846377.25	3.18E-08	5.00E-12	1.74E-12	3.13E-08	4.94E-12	1.72E-12	3.04E-08	4.79E-12	1.67E-12
3135	481363.09, 3846377.25	3.10E-08	4.88E-12	1.70E-12	3.06E-08	4.82E-12	1.68E-12	2.97E-08	4.68E-12	1.63E-12
3136	481863.09, 3846377.25	2.75E-08	4.33E-12	1.51E-12	2.71E-08	4.27E-12	1.49E-12	2.63E-08	4.15E-12	1.44E-12
3137	482363.09, 3846377.25	2.38E-08	3.75E-12	1.31E-12	2.35E-08	3.70E-12	1.29E-12	2.28E-08	3.60E-12	1.25E-12
3138	482863.09, 3846377.25	1.91E-08	3.01E-12	1.05E-12	1.89E-08	2.97E-12	1.04E-12	1.83E-08	2.89E-12	1.01E-12
3139	483363.09, 3846377.25	1.91E-08	3.01E-12	1.05E-12	1.89E-08	2.97E-12	1.04E-12	1.83E-08	2.89E-12	1.01E-12
3140	483863.09, 3846377.25	1.86E-08	2.93E-12	1.02E-12	1.84E-08	2.89E-12	1.01E-12	1.78E-08	2.81E-12	9.79E-13
3141	484363.09, 3846377.25	1.72E-08	2.71E-12	9.43E-13	1.70E-08	2.67E-12	9.30E-13	1.65E-08	2.59E-12	9.04E-13
3142	484863.09, 3846377.25	1.86E-08	2.93E-12	1.02E-12	1.84E-08	2.89E-12	1.01E-12	1.78E-08	2.81E-12	9.79E-13
3143	485363.09, 3846377.25	1.85E-08	2.91E-12	1.01E-12	1.82E-08	2.87E-12	1.00E-12	1.77E-08	2.79E-12	9.72E-13
3144	485863.09, 3846377.25	1.69E-08	2.67E-12	9.28E-13	1.67E-08	2.63E-12	9.16E-13	1.62E-08	2.55E-12	8.90E-13
3145	486363.09, 3846377.25	1.50E-08	2.36E-12	8.21E-13	1.48E-08	2.33E-12	8.11E-13	1.43E-08	2.26E-12	7.87E-13
3146	486863.09, 3846377.25	1.47E-08	2.32E-12	8.07E-13	1.45E-08	2.29E-12	7.97E-13	1.41E-08	2.22E-12	7.73E-13

3147	487363.09, 3846377.25	1.52E-08	2.40E-12	8.36E-13	1.50E-08	2.37E-12	8.25E-13	1.46E-08	2.30E-12	8.01E-13
3148	487863.09, 3846377.25	1.61E-08	2.54E-12	8.86E-13	1.59E-08	2.51E-12	8.74E-13	1.55E-08	2.44E-12	8.49E-13
3149	488363.09, 3846377.25	1.52E-08	2.40E-12	8.36E-13	1.50E-08	2.37E-12	8.25E-13	1.46E-08	2.30E-12	8.01E-13
3150	488863.09, 3846377.25	1.48E-08	2.34E-12	8.14E-13	1.46E-08	2.31E-12	8.04E-13	1.42E-08	2.24E-12	7.80E-13
3151	489363.09, 3846377.25	1.46E-08	2.30E-12	8.00E-13	1.44E-08	2.27E-12	7.89E-13	1.40E-08	2.20E-12	7.67E-13
3152	489863.09, 3846377.25	1.41E-08	2.21E-12	7.71E-13	1.39E-08	2.19E-12	7.61E-13	1.35E-08	2.12E-12	7.39E-13
3153	490363.09, 3846377.25	1.21E-08	1.91E-12	6.64E-13	1.19E-08	1.88E-12	6.56E-13	1.16E-08	1.83E-12	6.37E-13
3154	490863.09, 3846377.25	1.12E-08	1.76E-12	6.14E-13	1.10E-08	1.74E-12	6.06E-13	1.07E-08	1.69E-12	5.89E-13
3155	491363.09, 3846377.25	1.07E-08	1.68E-12	5.86E-13	1.05E-08	1.66E-12	5.78E-13	1.02E-08	1.61E-12	5.61E-13
3156	491863.09, 3846377.25	1.15E-08	1.80E-12	6.29E-13	1.13E-08	1.78E-12	6.20E-13	1.10E-08	1.73E-12	6.02E-13
3157	492363.09, 3846377.25	1.13E-08	1.78E-12	6.21E-13	1.12E-08	1.76E-12	6.13E-13	1.09E-08	1.71E-12	5.96E-13
3158	492863.09, 3846377.25	1.16E-08	1.82E-12	6.36E-13	1.14E-08	1.80E-12	6.27E-13	1.11E-08	1.75E-12	6.09E-13
3159	493363.09, 3846377.25	1.22E-08	1.93E-12	6.71E-13	1.21E-08	1.90E-12	6.63E-13	1.17E-08	1.85E-12	6.43E-13
3160	493863.09, 3846377.25	1.21E-08	1.91E-12	6.64E-13	1.19E-08	1.88E-12	6.56E-13	1.16E-08	1.83E-12	6.37E-13
3161	494363.09, 3846377.25	1.26E-08	1.99E-12	6.93E-13	1.25E-08	1.96E-12	6.84E-13	1.21E-08	1.91E-12	6.64E-13
3162	494863.09, 3846377.25	1.30E-08	2.05E-12	7.14E-13	1.28E-08	2.02E-12	7.05E-13	1.25E-08	1.96E-12	6.85E-13
3163	495363.09, 3846377.25	1.30E-08	2.05E-12	7.14E-13	1.28E-08	2.02E-12	7.05E-13	1.25E-08	1.96E-12	6.85E-13
3164	495863.09, 3846377.25	1.33E-08	2.09E-12	7.28E-13	1.31E-08	2.06E-12	7.19E-13	1.27E-08	2.00E-12	6.98E-13
3165	496363.09, 3846377.25	1.31E-08	2.07E-12	7.21E-13	1.30E-08	2.04E-12	7.12E-13	1.26E-08	1.98E-12	6.91E-13
3166	496863.09, 3846377.25	1.34E-08	2.11E-12	7.36E-13	1.32E-08	2.08E-12	7.26E-13	1.28E-08	2.02E-12	7.05E-13
3167	497363.09, 3846377.25	1.47E-08	2.32E-12	8.07E-13	1.45E-08	2.29E-12	7.97E-13	1.41E-08	2.22E-12	7.73E-13
3168	497863.09, 3846377.25	1.48E-08	2.34E-12	8.14E-13	1.46E-08	2.31E-12	8.04E-13	1.42E-08	2.24E-12	7.80E-13
3169	498363.09, 3846377.25	1.51E-08	2.38E-12	8.28E-13	1.49E-08	2.35E-12	8.18E-13	1.45E-08	2.28E-12	7.94E-13
3170	471363.09, 3846877.25	5.01E-08	7.89E-12	2.75E-12	4.94E-08	7.79E-12	2.71E-12	4.80E-08	7.56E-12	2.64E-12
3171	471863.09, 3846877.25	5.13E-08	8.08E-12	2.81E-12	5.06E-08	7.97E-12	2.78E-12	4.91E-08	7.74E-12	2.70E-12
3172	472363.09, 3846877.25	5.04E-08	7.93E-12	2.76E-12	4.97E-08	7.83E-12	2.73E-12	4.83E-08	7.60E-12	2.65E-12
3173	472863.09, 3846877.25	3.67E-08	5.78E-12	2.01E-12	3.62E-08	5.71E-12	1.99E-12	3.52E-08	5.54E-12	1.93E-12
3174	473363.09, 3846877.25	3.97E-08	6.25E-12	2.18E-12	3.92E-08	6.17E-12	2.15E-12	3.80E-08	5.99E-12	2.09E-12
3175	473863.09, 3846877.25	4.28E-08	6.74E-12	2.35E-12	4.23E-08	6.66E-12	2.32E-12	4.10E-08	6.46E-12	2.25E-12
3176	474363.09, 3846877.25	4.23E-08	6.66E-12	2.32E-12	4.17E-08	6.58E-12	2.29E-12	4.05E-08	6.39E-12	2.22E-12
3177	474863.09, 3846877.25	4.22E-08	6.64E-12	2.31E-12	4.16E-08	6.56E-12	2.28E-12	4.04E-08	6.37E-12	2.22E-12
3178	475363.09, 3846877.25	4.29E-08	6.77E-12	2.36E-12	4.24E-08	6.68E-12	2.33E-12	4.12E-08	6.48E-12	2.26E-12
3179	475863.09, 3846877.25	4.63E-08	7.30E-12	2.54E-12	4.57E-08	7.20E-12	2.51E-12	4.44E-08	6.99E-12	2.44E-12
3180	476363.09, 3846877.25	4.88E-08	7.69E-12	2.68E-12	4.82E-08	7.59E-12	2.64E-12	4.68E-08	7.37E-12	2.57E-12
3181	476863.09, 3846877.25	5.17E-08	8.14E-12	2.84E-12	5.10E-08	8.03E-12	2.80E-12	4.95E-08	7.80E-12	2.72E-12
3182	477363.09, 3846877.25	5.23E-08	8.24E-12	2.87E-12	5.16E-08	8.13E-12	2.83E-12	5.01E-08	7.90E-12	2.75E-12
3183	477863.09, 3846877.25	4.98E-08	7.85E-12	2.74E-12	4.92E-08	7.75E-12	2.70E-12	4.78E-08	7.53E-12	2.62E-12
3184	478363.09, 3846877.25	5.02E-08	7.91E-12	2.76E-12	4.96E-08	7.81E-12	2.72E-12	4.81E-08	7.58E-12	2.64E-12
3185	478863.09, 3846877.25	4.88E-08	7.69E-12	2.68E-12	4.82E-08	7.59E-12	2.64E-12	4.68E-08	7.37E-12	2.57E-12
3186	479363.09, 3846877.25	4.42E-08	6.97E-12	2.43E-12	4.37E-08	6.88E-12	2.40E-12	4.24E-08	6.68E-12	2.33E-12
3187	479863.09, 3846877.25	3.80E-08	5.99E-12	2.09E-12	3.75E-08	5.91E-12	2.06E-12	3.64E-08	5.74E-12	2.00E-12
3188	480363.09, 3846877.25	3.40E-08	5.35E-12	1.86E-12	3.35E-08	5.28E-12	1.84E-12	3.26E-08	5.13E-12	1.79E-12
3189	480863.09, 3846877.25	3.06E-08	4.82E-12	1.68E-12	3.02E-08	4.75E-12	1.66E-12	2.93E-08	4.62E-12	1.61E-12
3190	481363.09, 3846877.25	3.15E-08	4.96E-12	1.73E-12	3.11E-08	4.90E-12	1.71E-12	3.02E-08	4.75E-12	1.66E-12
3191	481863.09, 3846877.25	3.06E-08	4.82E-12	1.68E-12	3.02E-08	4.75E-12	1.66E-12	2.93E-08	4.62E-12	1.61E-12
3192	482363.09, 3846877.25	2.58E-08	4.06E-12	1.41E-12	2.54E-08	4.01E-12	1.40E-12	2.47E-08	3.89E-12	1.36E-12
3193	482863.09, 3846877.25	2.42E-08	3.81E-12	1.33E-12	2.39E-08	3.76E-12	1.31E-12	2.32E-08	3.65E-12	1.27E-12
3194	483363.09, 3846877.25	2.24E-08	3.53E-12	1.23E-12	2.21E-08	3.48E-12	1.21E-12	2.15E-08	3.38E-12	1.18E-12
3195	483863.09, 3846877.25	2.10E-08	3.30E-12	1.15E-12	2.07E-08	3.26E-12	1.13E-12	2.01E-08	3.16E-12	1.10E-12
3196	484363.09, 3846877.25	2.11E-08	3.32E-12	1.16E-12	2.08E-08	3.28E-12	1.14E-12	2.02E-08	3.18E-12	1.11E-12
3197	484863.09, 3846877.25	2.06E-08	3.24E-12	1.13E-12	2.03E-08	3.20E-12	1.11E-12	1.97E-08	3.10E-12	1.08E-12
3198	485363.09, 3846877.25	2.04E-08	3.22E-12	1.12E-12	2.02E-08	3.18E-12	1.11E-12	1.96E-08	3.08E-12	1.07E-12
3199	485863.09, 3846877.25	1.91E-08	3.01E-12	1.05E-12	1.89E-08	2.97E-12	1.04E-12	1.83E-08	2.89E-12	1.01E-12
3200	486363.09, 3846877.25	1.98E-08	3.12E-12	1.09E-12	1.95E-08	3.08E-12	1.07E-12	1.90E-08	2.99E-12	1.04E-12
3201	486863.09, 3846877.25	1.76E-08	2.77E-12	9.64E-13	1.73E-08	2.73E-12	9.52E-13	1.68E-08	2.65E-12	9.24E-13
3202	487363.09, 3846877.25	1.80E-08	2.83E-12	9.86E-13	1.77E-08	2.79E-12	9.73E-13	1.72E-08	2.71E-12	9.45E-13
3203	487863.09, 3846877.25	1.77E-08	2.79E-12	9.71E-13	1.75E-08	2.75E-12	9.59E-13	1.70E-08	2.67E-12	9.31E-13
3204	488363.09, 3846877.25	1.65E-08	2.60E-12	9.07E-13	1.63E-08	2.57E-12	8.95E-13	1.58E-08	2.50E-12	8.69E-13
3205	488863.09, 3846877.25	1.63E-08	2.56E-12	8.93E-13	1.61E-08	2.53E-12	8.81E-13	1.56E-08	2.46E-12	8.56E-13
3206	489363.09, 3846877.25	1.60E-08	2.52E-12	8.78E-13	1.58E-08	2.49E-12	8.67E-13	1.53E-08	2.42E-12	8.42E-13
3207	489863.09, 3846877.25	1.55E-08	2.44E-12	8.50E-13	1.53E-08	2.41E-12	8.39E-13	1.48E-08	2.34E-12	8.15E-13
3208	490363.09, 3846877.25	1.37E-08	2.15E-12	7.50E-13	1.35E-08	2.12E-12	7.40E-13	1.31E-08	2.06E-12	7.19E-13
3209	490863.09, 3846877.25	1.29E-08	2.03E-12	7.07E-13	1.27E-08	2.00E-12	6.98E-13	1.23E-08	1.95E-12	6.78E-13
3210	491363.09, 3846877.25	1.22E-08	1.93E-12	6.71E-13	1.21E-08	1.90E-12	6.63E-13	1.17E-08	1.85E-12	6.43E-13
3211	491863.09, 3846877.25	1.16E-08	1.82E-12	6.36E-13	1.14E-08	1.80E-12	6.27E-13	1.11E-08	1.75E-12	6.09E-13
3212	492363.09, 3846877.25	1.28E-08	2.01E-12	7.00E-13	1.26E-08	1.98E-12	6.91E-13	1.22E-08	1.93E-12	6.71E-13
3213	492863.09, 3846877.25	1.30E-08	2.05E-12	7.14E-13	1.28E-08	2.02E-12	7.05E-13	1.25E-08	1.96E-12	6.85E-13
3214	493363.09, 3846877.25	1.33E-08	2.09E-12	7.28E-13	1.31E-08	2.06E-12	7.19E-13	1.27E-08	2.00E-12	6.98E-13
3215	493863.09, 3846877.25	1.30E-08	2.05E-12	7.14E-13	1.28E-08	2.02E-12	7.05E-13	1.25E-08	1.96E-12	6.85E-13
3216	494363.09, 3846877.25	1.34E-08	2.11E-12	7.36E-13	1.32E-08	2.08E-12	7.26E-13	1.28E-08	2.02E-12	7.05E-13

3217	494863.09, 3846877.25	1.35E-08	2.13E-12	7.43E-13	1.34E-08	2.10E-12	7.33E-13	1.30E-08	2.04E-12	7.12E-13
3218	495363.09, 3846877.25	1.35E-08	2.13E-12	7.43E-13	1.34E-08	2.10E-12	7.33E-13	1.30E-08	2.04E-12	7.12E-13
3219	495863.09, 3846877.25	1.37E-08	2.15E-12	7.50E-13	1.35E-08	2.12E-12	7.40E-13	1.31E-08	2.06E-12	7.19E-13
3220	496363.09, 3846877.25	1.33E-08	2.09E-12	7.28E-13	1.31E-08	2.06E-12	7.19E-13	1.27E-08	2.00E-12	6.98E-13
3221	496863.09, 3846877.25	1.44E-08	2.28E-12	7.93E-13	1.43E-08	2.25E-12	7.82E-13	1.38E-08	2.18E-12	7.60E-13
3222	497363.09, 3846877.25	1.57E-08	2.48E-12	8.64E-13	1.55E-08	2.45E-12	8.53E-13	1.51E-08	2.38E-12	8.28E-13
3223	497863.09, 3846877.25	1.61E-08	2.54E-12	8.86E-13	1.59E-08	2.51E-12	8.74E-13	1.55E-08	2.44E-12	8.49E-13
3224	498363.09, 3846877.25	1.72E-08	2.71E-12	9.43E-13	1.70E-08	2.67E-12	9.30E-13	1.65E-08	2.59E-12	9.04E-13
3225	471363.09, 3847377.25	5.26E-08	8.28E-12	2.89E-12	5.19E-08	8.17E-12	2.85E-12	5.04E-08	7.94E-12	2.77E-12
3226	471863.09, 3847377.25	5.34E-08	8.41E-12	2.93E-12	5.27E-08	8.30E-12	2.89E-12	5.11E-08	8.06E-12	2.81E-12
3227	472363.09, 3847377.25	5.44E-08	8.57E-12	2.99E-12	5.37E-08	8.46E-12	2.95E-12	5.21E-08	8.21E-12	2.86E-12
3228	472863.09, 3847377.25	5.37E-08	8.47E-12	2.95E-12	5.30E-08	8.36E-12	2.91E-12	5.15E-08	8.11E-12	2.83E-12
3229	473363.09, 3847377.25	4.63E-08	7.30E-12	2.54E-12	4.57E-08	7.20E-12	2.51E-12	4.44E-08	6.99E-12	2.44E-12
3230	473863.09, 3847377.25	4.59E-08	7.24E-12	2.52E-12	4.53E-08	7.14E-12	2.49E-12	4.40E-08	6.94E-12	2.42E-12
3231	474363.09, 3847377.25	4.85E-08	7.65E-12	2.66E-12	4.79E-08	7.55E-12	2.63E-12	4.65E-08	7.33E-12	2.55E-12
3232	474863.09, 3847377.25	4.68E-08	7.38E-12	2.57E-12	4.62E-08	7.28E-12	2.54E-12	4.49E-08	7.07E-12	2.46E-12
3233	475363.09, 3847377.25	4.50E-08	7.09E-12	2.47E-12	4.44E-08	7.00E-12	2.44E-12	4.32E-08	6.80E-12	2.37E-12
3234	475863.09, 3847377.25	4.85E-08	7.65E-12	2.66E-12	4.79E-08	7.55E-12	2.63E-12	4.65E-08	7.33E-12	2.55E-12
3235	476363.09, 3847377.25	5.28E-08	8.32E-12	2.90E-12	5.21E-08	8.21E-12	2.86E-12	5.06E-08	7.98E-12	2.78E-12
3236	476863.09, 3847377.25	5.31E-08	8.36E-12	2.91E-12	5.24E-08	8.26E-12	2.88E-12	5.09E-08	8.02E-12	2.79E-12
3237	477363.09, 3847377.25	5.71E-08	9.00E-12	3.14E-12	5.64E-08	8.88E-12	3.09E-12	5.48E-08	8.63E-12	3.00E-12
3238	477863.09, 3847377.25	5.67E-08	8.94E-12	3.11E-12	5.60E-08	8.82E-12	3.07E-12	5.44E-08	8.57E-12	2.98E-12
3239	478363.09, 3847377.25	5.56E-08	8.75E-12	3.05E-12	5.48E-08	8.64E-12	3.01E-12	5.33E-08	8.39E-12	2.92E-12
3240	478863.09, 3847377.25	5.73E-08	9.02E-12	3.14E-12	5.65E-08	8.90E-12	3.10E-12	5.49E-08	8.65E-12	3.01E-12
3241	479363.09, 3847377.25	4.74E-08	7.46E-12	2.60E-12	4.68E-08	7.36E-12	2.57E-12	4.54E-08	7.15E-12	2.49E-12
3242	479863.09, 3847377.25	3.64E-08	5.74E-12	2.00E-12	3.60E-08	5.67E-12	1.97E-12	3.49E-08	5.50E-12	1.92E-12
3243	480363.09, 3847377.25	2.73E-08	4.31E-12	1.50E-12	2.70E-08	4.25E-12	1.48E-12	2.62E-08	4.13E-12	1.44E-12
3244	480863.09, 3847377.25	2.43E-08	3.83E-12	1.34E-12	2.40E-08	3.78E-12	1.32E-12	2.33E-08	3.67E-12	1.28E-12
3245	481363.09, 3847377.25	2.62E-08	4.12E-12	1.44E-12	2.58E-08	4.07E-12	1.42E-12	2.51E-08	3.95E-12	1.38E-12
3246	481863.09, 3847377.25	3.28E-08	5.17E-12	1.80E-12	3.24E-08	5.10E-12	1.78E-12	3.14E-08	4.95E-12	1.72E-12
3247	482363.09, 3847377.25	3.15E-08	4.96E-12	1.73E-12	3.11E-08	4.90E-12	1.71E-12	3.02E-08	4.75E-12	1.66E-12
3248	482863.09, 3847377.25	2.89E-08	4.55E-12	1.59E-12	2.85E-08	4.49E-12	1.56E-12	2.77E-08	4.36E-12	1.52E-12
3249	483363.09, 3847377.25	2.59E-08	4.08E-12	1.42E-12	2.56E-08	4.03E-12	1.40E-12	2.48E-08	3.91E-12	1.36E-12
3250	483863.09, 3847377.25	2.42E-08	3.81E-12	1.33E-12	2.39E-08	3.76E-12	1.31E-12	2.32E-08	3.65E-12	1.27E-12
3251	484363.09, 3847377.25	2.46E-08	3.87E-12	1.35E-12	2.43E-08	3.82E-12	1.33E-12	2.36E-08	3.71E-12	1.29E-12
3252	484863.09, 3847377.25	2.38E-08	3.75E-12	1.31E-12	2.35E-08	3.70E-12	1.29E-12	2.28E-08	3.60E-12	1.25E-12
3253	485363.09, 3847377.25	2.36E-08	3.71E-12	1.29E-12	2.32E-08	3.66E-12	1.28E-12	2.26E-08	3.56E-12	1.24E-12
3254	485863.09, 3847377.25	2.32E-08	3.65E-12	1.27E-12	2.29E-08	3.60E-12	1.25E-12	2.22E-08	3.50E-12	1.22E-12
3255	486363.09, 3847377.25	2.30E-08	3.63E-12	1.26E-12	2.27E-08	3.58E-12	1.25E-12	2.21E-08	3.48E-12	1.21E-12
3256	486863.09, 3847377.25	2.10E-08	3.30E-12	1.15E-12	2.07E-08	3.26E-12	1.13E-12	2.01E-08	3.16E-12	1.10E-12
3257	487363.09, 3847377.25	2.12E-08	3.34E-12	1.16E-12	2.09E-08	3.30E-12	1.15E-12	2.03E-08	3.20E-12	1.12E-12
3258	487863.09, 3847377.25	1.97E-08	3.10E-12	1.08E-12	1.94E-08	3.06E-12	1.06E-12	1.88E-08	2.97E-12	1.03E-12
3259	488363.09, 3847377.25	1.85E-08	2.91E-12	1.01E-12	1.82E-08	2.87E-12	1.00E-12	1.77E-08	2.79E-12	9.72E-13
3260	488863.09, 3847377.25	1.81E-08	2.85E-12	9.93E-13	1.79E-08	2.81E-12	9.80E-13	1.73E-08	2.73E-12	9.51E-13
3261	489363.09, 3847377.25	1.78E-08	2.81E-12	9.78E-13	1.76E-08	2.77E-12	9.66E-13	1.71E-08	2.69E-12	9.38E-13
3262	489863.09, 3847377.25	1.67E-08	2.62E-12	9.14E-13	1.64E-08	2.59E-12	9.02E-13	1.60E-08	2.51E-12	8.76E-13
3263	490363.09, 3847377.25	1.54E-08	2.42E-12	8.43E-13	1.52E-08	2.39E-12	8.32E-13	1.47E-08	2.32E-12	8.08E-13
3264	490863.09, 3847377.25	1.48E-08	2.34E-12	8.14E-13	1.46E-08	2.31E-12	8.04E-13	1.42E-08	2.24E-12	7.80E-13
3265	491363.09, 3847377.25	1.38E-08	2.17E-12	7.57E-13	1.36E-08	2.14E-12	7.47E-13	1.32E-08	2.08E-12	7.26E-13
3266	491863.09, 3847377.25	1.44E-08	2.28E-12	7.93E-13	1.43E-08	2.25E-12	7.82E-13	1.38E-08	2.18E-12	7.60E-13
3267	492363.09, 3847377.25	1.42E-08	2.23E-12	7.78E-13	1.40E-08	2.21E-12	7.68E-13	1.36E-08	2.14E-12	7.46E-13
3268	492863.09, 3847377.25	1.46E-08	2.30E-12	8.00E-13	1.44E-08	2.27E-12	7.89E-13	1.40E-08	2.20E-12	7.67E-13
3269	493363.09, 3847377.25	1.42E-08	2.23E-12	7.78E-13	1.40E-08	2.21E-12	7.68E-13	1.36E-08	2.14E-12	7.46E-13
3270	493863.09, 3847377.25	1.38E-08	2.17E-12	7.57E-13	1.36E-08	2.14E-12	7.47E-13	1.32E-08	2.08E-12	7.26E-13
3271	494363.09, 3847377.25	1.38E-08	2.17E-12	7.57E-13	1.36E-08	2.14E-12	7.47E-13	1.32E-08	2.08E-12	7.26E-13
3272	494863.09, 3847377.25	1.38E-08	2.17E-12	7.57E-13	1.36E-08	2.14E-12	7.47E-13	1.32E-08	2.08E-12	7.26E-13
3273	495363.09, 3847377.25	1.37E-08	2.15E-12	7.50E-13	1.35E-08	2.12E-12	7.40E-13	1.31E-08	2.06E-12	7.19E-13
3274	495863.09, 3847377.25	1.35E-08	2.13E-12	7.43E-13	1.34E-08	2.10E-12	7.33E-13	1.30E-08	2.04E-12	7.12E-13
3275	496363.09, 3847377.25	1.37E-08	2.15E-12	7.50E-13	1.35E-08	2.12E-12	7.40E-13	1.31E-08	2.06E-12	7.19E-13
3276	496863.09, 3847377.25	1.51E-08	2.38E-12	8.28E-13	1.49E-08	2.35E-12	8.18E-13	1.45E-08	2.28E-12	7.94E-13
3277	497363.09, 3847377.25	1.60E-08	2.52E-12	8.78E-13	1.58E-08	2.49E-12	8.67E-13	1.53E-08	2.42E-12	8.42E-13
3278	497863.09, 3847377.25	1.78E-08	2.81E-12	9.78E-13	1.76E-08	2.77E-12	9.66E-13	1.71E-08	2.69E-12	9.38E-13
3279	498363.09, 3847377.25	1.94E-08	3.05E-12	1.06E-12	1.91E-08	3.01E-12	1.05E-12	1.86E-08	2.93E-12	1.02E-12
3280	471363.09, 3847877.25	5.44E-08	8.57E-12	2.99E-12	5.37E-08	8.46E-12	2.95E-12	5.21E-08	8.21E-12	2.86E-12
3281	471863.09, 3847877.25	5.63E-08	8.88E-12	3.09E-12	5.56E-08	8.76E-12	3.05E-12	5.40E-08	8.51E-12	2.96E-12
3282	472363.09, 3847877.25	5.73E-08	9.02E-12	3.14E-12	5.65E-08	8.90E-12	3.10E-12	5.49E-08	8.65E-12	3.01E-12
3283	472863.09, 3847877.25	5.79E-08	9.12E-12	3.18E-12	5.72E-08	9.00E-12	3.14E-12	5.55E-08	8.74E-12	3.05E-12
3284	473363.09, 3847877.25	5.95E-08	9.37E-12	3.26E-12	5.87E-08	9.25E-12	3.22E-12	5.70E-08	8.98E-12	3.13E-12
3285	473863.09, 3847877.25	5.80E-08	9.14E-12	3.19E-12	5.73E-08	9.02E-12	3.14E-12	5.56E-08	8.76E-12	3.05E-12
3286	474363.09, 3847877.25	5.11E-08	8.06E-12	2.81E-12	5.05E-08	7.95E-12	2.77E-12	4.90E-08	7.72E-12	2.69E-12

3287 474863.09, 3847877.25	5.37E-08	8.47E-12	2.95E-12	5.30E-08	8.36E-12	2.91E-12	5.15E-08	8.11E-12	2.83E-12
3288 475363.09, 3847877.25	5.15E-08	8.12E-12	2.83E-12	5.09E-08	8.01E-12	2.79E-12	4.94E-08	7.78E-12	2.71E-12
3289 475863.09, 3847877.25	4.91E-08	7.73E-12	2.69E-12	4.84E-08	7.63E-12	2.66E-12	4.70E-08	7.41E-12	2.58E-12
3290 476363.09, 3847877.25	5.54E-08	8.73E-12	3.04E-12	5.47E-08	8.62E-12	3.00E-12	5.31E-08	8.37E-12	2.92E-12
3291 476863.09, 3847877.25	5.75E-08	9.06E-12	3.16E-12	5.68E-08	8.94E-12	3.12E-12	5.51E-08	8.68E-12	3.03E-12
3292 477363.09, 3847877.25	5.91E-08	9.31E-12	3.24E-12	5.83E-08	9.19E-12	3.20E-12	5.66E-08	8.92E-12	3.11E-12
3293 477863.09, 3847877.25	6.29E-08	9.90E-12	3.45E-12	6.20E-08	9.77E-12	3.40E-12	6.02E-08	9.49E-12	3.31E-12
3294 478363.09, 3847877.25	6.27E-08	9.88E-12	3.44E-12	6.19E-08	9.75E-12	3.40E-12	6.01E-08	9.47E-12	3.30E-12
3295 478863.09, 3847877.25	6.12E-08	9.64E-12	3.36E-12	6.04E-08	9.51E-12	3.31E-12	5.86E-08	9.23E-12	3.22E-12
3296 479363.09, 3847877.25	4.96E-08	7.81E-12	2.72E-12	4.89E-08	7.71E-12	2.69E-12	4.75E-08	7.49E-12	2.61E-12
3297 479863.09, 3847877.25	3.11E-08	4.90E-12	1.71E-12	3.07E-08	4.84E-12	1.68E-12	2.98E-08	4.70E-12	1.64E-12
3298 480363.09, 3847877.25	3.21E-08	5.06E-12	1.76E-12	3.17E-08	5.00E-12	1.74E-12	3.08E-08	4.85E-12	1.69E-12
3299 480863.09, 3847877.25	2.88E-08	4.53E-12	1.58E-12	2.84E-08	4.47E-12	1.56E-12	2.76E-08	4.34E-12	1.51E-12
3300 481363.09, 3847877.25	2.86E-08	4.51E-12	1.57E-12	2.83E-08	4.45E-12	1.55E-12	2.74E-08	4.32E-12	1.51E-12
3301 481863.09, 3847877.25	3.75E-08	5.90E-12	2.06E-12	3.70E-08	5.83E-12	2.03E-12	3.59E-08	5.66E-12	1.97E-12
3302 482363.09, 3847877.25	3.60E-08	5.68E-12	1.98E-12	3.56E-08	5.60E-12	1.95E-12	3.45E-08	5.44E-12	1.90E-12
3303 482863.09, 3847877.25	3.29E-08	5.19E-12	1.81E-12	3.25E-08	5.12E-12	1.78E-12	3.16E-08	4.97E-12	1.73E-12
3304 483363.09, 3847877.25	3.06E-08	4.82E-12	1.68E-12	3.02E-08	4.75E-12	1.66E-12	2.93E-08	4.62E-12	1.61E-12
3305 483863.09, 3847877.25	2.89E-08	4.55E-12	1.59E-12	2.85E-08	4.49E-12	1.56E-12	2.77E-08	4.36E-12	1.52E-12
3306 484363.09, 3847877.25	2.86E-08	4.51E-12	1.57E-12	2.83E-08	4.45E-12	1.55E-12	2.74E-08	4.32E-12	1.51E-12
3307 484863.09, 3847877.25	2.76E-08	4.35E-12	1.51E-12	2.72E-08	4.29E-12	1.49E-12	2.64E-08	4.17E-12	1.45E-12
3308 485363.09, 3847877.25	2.82E-08	4.45E-12	1.55E-12	2.79E-08	4.39E-12	1.53E-12	2.71E-08	4.26E-12	1.49E-12
3309 485863.09, 3847877.25	2.84E-08	4.47E-12	1.56E-12	2.80E-08	4.41E-12	1.54E-12	2.72E-08	4.28E-12	1.49E-12
3310 486363.09, 3847877.25	2.54E-08	4.00E-12	1.39E-12	2.50E-08	3.95E-12	1.37E-12	2.43E-08	3.83E-12	1.33E-12
3311 486863.09, 3847877.25	2.43E-08	3.83E-12	1.34E-12	2.40E-08	3.78E-12	1.32E-12	2.33E-08	3.67E-12	1.28E-12
3312 487363.09, 3847877.25	2.37E-08	3.73E-12	1.30E-12	2.34E-08	3.68E-12	1.28E-12	2.27E-08	3.58E-12	1.25E-12
3313 487863.09, 3847877.25	2.21E-08	3.49E-12	1.21E-12	2.18E-08	3.44E-12	1.20E-12	2.12E-08	3.34E-12	1.16E-12
3314 488363.09, 3847877.25	2.06E-08	3.24E-12	1.13E-12	2.03E-08	3.20E-12	1.11E-12	1.97E-08	3.10E-12	1.08E-12
3315 488863.09, 3847877.25	2.03E-08	3.20E-12	1.11E-12	2.00E-08	3.16E-12	1.10E-12	1.95E-08	3.07E-12	1.07E-12
3316 489363.09, 3847877.25	2.00E-08	3.16E-12	1.10E-12	1.98E-08	3.12E-12	1.09E-12	1.92E-08	3.03E-12	1.05E-12
3317 489863.09, 3847877.25	2.03E-08	3.20E-12	1.11E-12	2.00E-08	3.16E-12	1.10E-12	1.95E-08	3.07E-12	1.07E-12
3318 490363.09, 3847877.25	1.91E-08	3.01E-12	1.05E-12	1.89E-08	2.97E-12	1.04E-12	1.83E-08	2.89E-12	1.01E-12
3319 490863.09, 3847877.25	1.81E-08	2.85E-12	9.93E-13	1.79E-08	2.81E-12	9.80E-13	1.73E-08	2.73E-12	9.51E-13
3320 491363.09, 3847877.25	1.61E-08	2.54E-12	8.86E-13	1.59E-08	2.51E-12	8.74E-13	1.55E-08	2.44E-12	8.49E-13
3321 491863.09, 3847877.25	1.60E-08	2.52E-12	8.78E-13	1.58E-08	2.49E-12	8.67E-13	1.53E-08	2.42E-12	8.42E-13
3322 492363.09, 3847877.25	1.61E-08	2.54E-12	8.86E-13	1.59E-08	2.51E-12	8.74E-13	1.55E-08	2.44E-12	8.49E-13
3323 492863.09, 3847877.25	1.59E-08	2.50E-12	8.71E-13	1.57E-08	2.47E-12	8.60E-13	1.52E-08	2.40E-12	8.35E-13
3324 493363.09, 3847877.25	1.44E-08	2.28E-12	7.93E-13	1.43E-08	2.25E-12	7.82E-13	1.38E-08	2.18E-12	7.60E-13
3325 493863.09, 3847877.25	1.39E-08	2.19E-12	7.64E-13	1.37E-08	2.16E-12	7.54E-13	1.33E-08	2.10E-12	7.32E-13
3326 494363.09, 3847877.25	1.39E-08	2.19E-12	7.64E-13	1.37E-08	2.16E-12	7.54E-13	1.33E-08	2.10E-12	7.32E-13
3327 494863.09, 3847877.25	1.41E-08	2.21E-12	7.71E-13	1.39E-08	2.19E-12	7.61E-13	1.35E-08	2.12E-12	7.39E-13
3328 495363.09, 3847877.25	1.38E-08	2.17E-12	7.57E-13	1.36E-08	2.14E-12	7.47E-13	1.32E-08	2.08E-12	7.26E-13
3329 495863.09, 3847877.25	1.25E-08	1.97E-12	6.86E-13	1.23E-08	1.94E-12	6.77E-13	1.20E-08	1.89E-12	6.57E-13
3330 496363.09, 3847877.25	1.43E-08	2.26E-12	7.86E-13	1.41E-08	2.23E-12	7.75E-13	1.37E-08	2.16E-12	7.53E-13
3331 496863.09, 3847877.25	1.54E-08	2.42E-12	8.43E-13	1.52E-08	2.39E-12	8.32E-13	1.47E-08	2.32E-12	8.08E-13
3332 497363.09, 3847877.25	1.64E-08	2.58E-12	9.00E-13	1.62E-08	2.55E-12	8.88E-13	1.57E-08	2.48E-12	8.62E-13
3333 497863.09, 3847877.25	1.99E-08	3.14E-12	1.09E-12	1.97E-08	3.10E-12	1.08E-12	1.91E-08	3.01E-12	1.05E-12
3334 498363.09, 3847877.25	2.17E-08	3.42E-12	1.19E-12	2.14E-08	3.38E-12	1.18E-12	2.08E-08	3.28E-12	1.14E-12
3335 471363.09, 3848377.25	5.57E-08	8.77E-12	3.06E-12	5.50E-08	8.66E-12	3.02E-12	5.34E-08	8.41E-12	2.93E-12
3336 471863.09, 3848377.25	5.74E-08	9.04E-12	3.15E-12	5.66E-08	8.92E-12	3.11E-12	5.50E-08	8.66E-12	3.02E-12
3337 472363.09, 3848377.25	5.92E-08	9.33E-12	3.25E-12	5.84E-08	9.21E-12	3.21E-12	5.67E-08	8.94E-12	3.11E-12
3338 472863.09, 3848377.25	6.10E-08	9.61E-12	3.35E-12	6.02E-08	9.49E-12	3.31E-12	5.85E-08	9.21E-12	3.21E-12
3339 473363.09, 3848377.25	6.18E-08	9.74E-12	3.39E-12	6.10E-08	9.61E-12	3.35E-12	5.92E-08	9.33E-12	3.25E-12
3340 473863.09, 3848377.25	6.31E-08	9.94E-12	3.46E-12	6.23E-08	9.81E-12	3.42E-12	6.05E-08	9.53E-12	3.32E-12
3341 474363.09, 3848377.25	6.30E-08	9.92E-12	3.46E-12	6.22E-08	9.79E-12	3.41E-12	6.04E-08	9.51E-12	3.31E-12
3342 474863.09, 3848377.25	5.76E-08	9.08E-12	3.16E-12	5.69E-08	8.96E-12	3.12E-12	5.53E-08	8.70E-12	3.03E-12
3343 475363.09, 3848377.25	6.12E-08	9.64E-12	3.36E-12	6.04E-08	9.51E-12	3.31E-12	5.86E-08	9.23E-12	3.22E-12
3344 475863.09, 3848377.25	5.80E-08	9.14E-12	3.19E-12	5.73E-08	9.02E-12	3.14E-12	5.56E-08	8.76E-12	3.05E-12
3345 476363.09, 3848377.25	5.43E-08	8.55E-12	2.98E-12	5.36E-08	8.44E-12	2.94E-12	5.20E-08	8.19E-12	2.85E-12
3346 476863.09, 3848377.25	6.21E-08	9.78E-12	3.41E-12	6.13E-08	9.65E-12	3.36E-12	5.95E-08	9.37E-12	3.27E-12
3347 477363.09, 3848377.25	6.23E-08	9.82E-12	3.42E-12	6.15E-08	9.69E-12	3.38E-12	5.97E-08	9.41E-12	3.28E-12
3348 477863.09, 3848377.25	6.44E-08	1.01E-11	3.54E-12	6.36E-08	1.00E-11	3.49E-12	6.17E-08	9.73E-12	3.39E-12
3349 478363.09, 3848377.25	6.81E-08	1.07E-11	3.74E-12	6.72E-08	1.06E-11	3.69E-12	6.52E-08	1.03E-11	3.58E-12
3350 478863.09, 3848377.25	6.58E-08	1.04E-11	3.61E-12	6.50E-08	1.02E-11	3.57E-12	6.31E-08	9.94E-12	3.46E-12
3351 479363.09, 3848377.25	5.40E-08	8.51E-12	2.96E-12	5.33E-08	8.40E-12	2.93E-12	5.18E-08	8.15E-12	2.84E-12
3352 479863.09, 3848377.25	2.30E-08	3.63E-12	1.26E-12	2.27E-08	3.58E-12	1.25E-12	2.21E-08	3.48E-12	1.21E-12
3353 480363.09, 3848377.25	3.21E-08	5.06E-12	1.76E-12	3.17E-08	5.00E-12	1.74E-12	3.08E-08	4.85E-12	1.69E-12
3354 480863.09, 3848377.25	4.22E-08	6.64E-12	2.31E-12	4.16E-08	6.56E-12	2.28E-12	4.04E-08	6.37E-12	2.22E-12
3355 481363.09, 3848377.25	4.29E-08	6.77E-12	2.36E-12	4.24E-08	6.68E-12	2.33E-12	4.12E-08	6.48E-12	2.26E-12
3356 481863.09, 3848377.25	4.31E-08	6.79E-12	2.36E-12	4.25E-08	6.70E-12	2.33E-12	4.13E-08	6.50E-12	2.27E-12

3357	482363.09, 3848377.25	4.28E-08	6.74E-12	2.35E-12	4.23E-08	6.66E-12	2.32E-12	4.10E-08	6.46E-12	2.25E-12
3358	482863.09, 3848377.25	3.85E-08	6.07E-12	2.11E-12	3.80E-08	5.99E-12	2.09E-12	3.69E-08	5.82E-12	2.03E-12
3359	483363.09, 3848377.25	3.76E-08	5.92E-12	2.06E-12	3.71E-08	5.85E-12	2.04E-12	3.60E-08	5.68E-12	1.98E-12
3360	483863.09, 3848377.25	3.36E-08	5.29E-12	1.84E-12	3.31E-08	5.22E-12	1.82E-12	3.22E-08	5.07E-12	1.77E-12
3361	484363.09, 3848377.25	3.20E-08	5.04E-12	1.76E-12	3.16E-08	4.98E-12	1.73E-12	3.07E-08	4.83E-12	1.68E-12
3362	484863.09, 3848377.25	3.36E-08	5.29E-12	1.84E-12	3.31E-08	5.22E-12	1.82E-12	3.22E-08	5.07E-12	1.77E-12
3363	485363.09, 3848377.25	3.27E-08	5.15E-12	1.79E-12	3.22E-08	5.08E-12	1.77E-12	3.13E-08	4.93E-12	1.72E-12
3364	485863.09, 3848377.25	3.28E-08	5.17E-12	1.80E-12	3.24E-08	5.10E-12	1.78E-12	3.14E-08	4.95E-12	1.72E-12
3365	486363.09, 3848377.25	2.99E-08	4.72E-12	1.64E-12	2.95E-08	4.65E-12	1.62E-12	2.87E-08	4.52E-12	1.57E-12
3366	486863.09, 3848377.25	2.80E-08	4.41E-12	1.54E-12	2.76E-08	4.35E-12	1.52E-12	2.68E-08	4.22E-12	1.47E-12
3367	487363.09, 3848377.25	2.58E-08	4.06E-12	1.41E-12	2.54E-08	4.01E-12	1.40E-12	2.47E-08	3.89E-12	1.36E-12
3368	487863.09, 3848377.25	2.51E-08	3.96E-12	1.38E-12	2.48E-08	3.91E-12	1.36E-12	2.41E-08	3.79E-12	1.32E-12
3369	488363.09, 3848377.25	2.33E-08	3.67E-12	1.28E-12	2.30E-08	3.62E-12	1.26E-12	2.23E-08	3.52E-12	1.23E-12
3370	488863.09, 3848377.25	2.29E-08	3.61E-12	1.26E-12	2.26E-08	3.56E-12	1.24E-12	2.20E-08	3.46E-12	1.20E-12
3371	489363.09, 3848377.25	2.29E-08	3.61E-12	1.26E-12	2.26E-08	3.56E-12	1.24E-12	2.20E-08	3.46E-12	1.20E-12
3372	489863.09, 3848377.25	2.29E-08	3.61E-12	1.26E-12	2.26E-08	3.56E-12	1.24E-12	2.20E-08	3.46E-12	1.20E-12
3373	490363.09, 3848377.25	2.15E-08	3.38E-12	1.18E-12	2.12E-08	3.34E-12	1.16E-12	2.06E-08	3.24E-12	1.13E-12
3374	490863.09, 3848377.25	2.00E-08	3.16E-12	1.10E-12	1.98E-08	3.12E-12	1.09E-12	1.92E-08	3.03E-12	1.05E-12
3375	491363.09, 3848377.25	1.82E-08	2.87E-12	1.00E-12	1.80E-08	2.83E-12	9.87E-13	1.75E-08	2.75E-12	9.58E-13
3376	491863.09, 3848377.25	1.78E-08	2.81E-12	9.78E-13	1.76E-08	2.77E-12	9.66E-13	1.71E-08	2.69E-12	9.38E-13
3377	492363.09, 3848377.25	1.69E-08	2.67E-12	9.28E-13	1.67E-08	2.63E-12	9.16E-13	1.62E-08	2.55E-12	8.90E-13
3378	492863.09, 3848377.25	1.56E-08	2.46E-12	8.57E-13	1.54E-08	2.43E-12	8.46E-13	1.50E-08	2.36E-12	8.21E-13
3379	493363.09, 3848377.25	1.46E-08	2.30E-12	8.00E-13	1.44E-08	2.27E-12	7.89E-13	1.40E-08	2.20E-12	7.67E-13
3380	493863.09, 3848377.25	1.42E-08	2.23E-12	7.78E-13	1.40E-08	2.21E-12	7.68E-13	1.36E-08	2.14E-12	7.46E-13
3381	494363.09, 3848377.25	1.41E-08	2.21E-12	7.71E-13	1.39E-08	2.19E-12	7.61E-13	1.35E-08	2.12E-12	7.39E-13
3382	494863.09, 3848377.25	1.42E-08	2.23E-12	7.78E-13	1.40E-08	2.21E-12	7.68E-13	1.36E-08	2.14E-12	7.46E-13
3383	495363.09, 3848377.25	1.35E-08	2.13E-12	7.43E-13	1.34E-08	2.10E-12	7.33E-13	1.30E-08	2.04E-12	7.12E-13
3384	495863.09, 3848377.25	1.34E-08	2.11E-12	7.36E-13	1.32E-08	2.08E-12	7.26E-13	1.28E-08	2.02E-12	7.05E-13
3385	496363.09, 3848377.25	1.47E-08	2.32E-12	8.07E-13	1.45E-08	2.29E-12	7.97E-13	1.41E-08	2.22E-12	7.73E-13
3386	496863.09, 3848377.25	1.50E-08	2.36E-12	8.21E-13	1.48E-08	2.33E-12	8.11E-13	1.43E-08	2.26E-12	7.87E-13
3387	497363.09, 3848377.25	1.69E-08	2.67E-12	9.28E-13	1.67E-08	2.63E-12	9.16E-13	1.62E-08	2.55E-12	8.90E-13
3388	497863.09, 3848377.25	2.24E-08	3.53E-12	1.23E-12	2.21E-08	3.48E-12	1.21E-12	2.15E-08	3.38E-12	1.18E-12
3389	498363.09, 3848377.25	2.41E-08	3.79E-12	1.32E-12	2.38E-08	3.74E-12	1.30E-12	2.31E-08	3.63E-12	1.27E-12
3390	471363.09, 3848877.25	5.79E-08	9.12E-12	3.18E-12	5.72E-08	9.00E-12	3.14E-12	5.55E-08	8.74E-12	3.05E-12
3391	471863.09, 3848877.25	5.95E-08	9.37E-12	3.26E-12	5.87E-08	9.25E-12	3.22E-12	5.70E-08	8.98E-12	3.13E-12
3392	472363.09, 3848877.25	6.08E-08	9.57E-12	3.34E-12	6.00E-08	9.45E-12	3.29E-12	5.82E-08	9.18E-12	3.20E-12
3393	472863.09, 3848877.25	6.29E-08	9.90E-12	3.45E-12	6.20E-08	9.77E-12	3.40E-12	6.02E-08	9.49E-12	3.31E-12
3394	473363.09, 3848877.25	6.55E-08	1.03E-11	3.59E-12	6.46E-08	1.02E-11	3.55E-12	6.27E-08	9.88E-12	3.44E-12
3395	473863.09, 3848877.25	6.68E-08	1.05E-11	3.66E-12	6.59E-08	1.04E-11	3.62E-12	6.40E-08	1.01E-11	3.51E-12
3396	474363.09, 3848877.25	6.82E-08	1.07E-11	3.74E-12	6.73E-08	1.06E-11	3.69E-12	6.54E-08	1.03E-11	3.59E-12
3397	474863.09, 3848877.25	6.66E-08	1.05E-11	3.66E-12	6.58E-08	1.04E-11	3.61E-12	6.39E-08	1.01E-11	3.50E-12
3398	475363.09, 3848877.25	6.61E-08	1.04E-11	3.63E-12	6.52E-08	1.03E-11	3.58E-12	6.34E-08	9.98E-12	3.48E-12
3399	475863.09, 3848877.25	6.79E-08	1.07E-11	3.73E-12	6.70E-08	1.06E-11	3.68E-12	6.51E-08	1.03E-11	3.57E-12
3400	476363.09, 3848877.25	6.61E-08	1.04E-11	3.63E-12	6.52E-08	1.03E-11	3.58E-12	6.34E-08	9.98E-12	3.48E-12
3401	476863.09, 3848877.25	6.35E-08	1.00E-11	3.49E-12	6.27E-08	9.87E-12	3.44E-12	6.09E-08	9.59E-12	3.34E-12
3402	477363.09, 3848877.25	6.96E-08	1.10E-11	3.82E-12	6.87E-08	1.08E-11	3.77E-12	6.67E-08	1.05E-11	3.66E-12
3403	477863.09, 3848877.25	6.94E-08	1.09E-11	3.81E-12	6.85E-08	1.08E-11	3.76E-12	6.65E-08	1.05E-11	3.65E-12
3404	478363.09, 3848877.25	7.17E-08	1.13E-11	3.94E-12	7.08E-08	1.11E-11	3.88E-12	6.87E-08	1.08E-11	3.77E-12
3405	478863.09, 3848877.25	7.38E-08	1.16E-11	4.05E-12	7.28E-08	1.15E-11	4.00E-12	7.07E-08	1.11E-11	3.88E-12
3406	479363.09, 3848877.25	6.85E-08	1.08E-11	3.76E-12	6.76E-08	1.06E-11	3.71E-12	6.56E-08	1.03E-11	3.60E-12
3407	479863.09, 3848877.25	5.90E-08	9.29E-12	3.24E-12	5.82E-08	9.17E-12	3.19E-12	5.65E-08	8.90E-12	3.10E-12
3408	480363.09, 3848877.25	6.09E-08	9.59E-12	3.34E-12	6.01E-08	9.47E-12	3.30E-12	5.84E-08	9.20E-12	3.20E-12
3409	480863.09, 3848877.25	5.87E-08	9.25E-12	3.22E-12	5.79E-08	9.13E-12	3.18E-12	5.62E-08	8.86E-12	3.09E-12
3410	481363.09, 3848877.25	5.56E-08	8.75E-12	3.05E-12	5.48E-08	8.64E-12	3.01E-12	5.33E-08	8.39E-12	2.92E-12
3411	481863.09, 3848877.25	5.04E-08	7.93E-12	2.76E-12	4.97E-08	7.83E-12	2.73E-12	4.83E-08	7.60E-12	2.65E-12
3412	482363.09, 3848877.25	4.10E-08	6.46E-12	2.25E-12	4.05E-08	6.37E-12	2.22E-12	3.93E-08	6.19E-12	2.16E-12
3413	482863.09, 3848877.25	3.54E-08	5.58E-12	1.94E-12	3.49E-08	5.50E-12	1.92E-12	3.39E-08	5.34E-12	1.86E-12
3414	483363.09, 3848877.25	3.16E-08	4.98E-12	1.74E-12	3.12E-08	4.92E-12	1.71E-12	3.03E-08	4.77E-12	1.66E-12
3415	483863.09, 3848877.25	3.11E-08	4.90E-12	1.71E-12	3.07E-08	4.84E-12	1.68E-12	2.98E-08	4.70E-12	1.64E-12
3416	484363.09, 3848877.25	3.63E-08	5.72E-12	1.99E-12	3.58E-08	5.65E-12	1.97E-12	3.48E-08	5.48E-12	1.91E-12
3417	484863.09, 3848877.25	4.09E-08	6.44E-12	2.24E-12	4.03E-08	6.35E-12	2.21E-12	3.92E-08	6.17E-12	2.15E-12
3418	485363.09, 3848877.25	3.88E-08	6.11E-12	2.13E-12	3.83E-08	6.03E-12	2.10E-12	3.72E-08	5.86E-12	2.04E-12
3419	485863.09, 3848877.25	3.76E-08	5.92E-12	2.06E-12	3.71E-08	5.85E-12	2.04E-12	3.60E-08	5.68E-12	1.98E-12
3420	486363.09, 3848877.25	3.40E-08	5.35E-12	1.86E-12	3.35E-08	5.28E-12	1.84E-12	3.26E-08	5.13E-12	1.79E-12
3421	486863.09, 3848877.25	3.01E-08	4.74E-12	1.65E-12	2.97E-08	4.67E-12	1.63E-12	2.88E-08	4.54E-12	1.58E-12
3422	487363.09, 3848877.25	3.03E-08	4.78E-12	1.66E-12	2.99E-08	4.71E-12	1.64E-12	2.91E-08	4.58E-12	1.59E-12
3423	487863.09, 3848877.25	2.89E-08	4.55E-12	1.59E-12	2.85E-08	4.49E-12	1.56E-12	2.77E-08	4.36E-12	1.52E-12
3424	488363.09, 3848877.25	2.69E-08	4.24E-12	1.48E-12	2.66E-08	4.19E-12	1.46E-12	2.58E-08	4.07E-12	1.42E-12
3425	488863.09, 3848877.25	2.58E-08	4.06E-12	1.41E-12	2.54E-08	4.01E-12	1.40E-12	2.47E-08	3.89E-12	1.36E-12
3426	489363.09, 3848877.25	2.62E-08	4.12E-12	1.44E-12	2.58E-08	4.07E-12	1.42E-12	2.51E-08	3.95E-12	1.38E-12

3427	489863.09, 3848877.25	2.55E-08	4.02E-12	1.40E-12	2.52E-08	3.97E-12	1.38E-12	2.44E-08	3.85E-12	1.34E-12
3428	490363.09, 3848877.25	2.32E-08	3.65E-12	1.27E-12	2.29E-08	3.60E-12	1.25E-12	2.22E-08	3.50E-12	1.22E-12
3429	490863.09, 3848877.25	2.16E-08	3.40E-12	1.19E-12	2.13E-08	3.36E-12	1.17E-12	2.07E-08	3.26E-12	1.14E-12
3430	491363.09, 3848877.25	1.99E-08	3.14E-12	1.09E-12	1.97E-08	3.10E-12	1.08E-12	1.91E-08	3.01E-12	1.05E-12
3431	491863.09, 3848877.25	1.86E-08	2.93E-12	1.02E-12	1.84E-08	2.89E-12	1.01E-12	1.78E-08	2.81E-12	9.79E-13
3432	492363.09, 3848877.25	1.73E-08	2.73E-12	9.50E-13	1.71E-08	2.69E-12	9.38E-13	1.66E-08	2.61E-12	9.10E-13
3433	492863.09, 3848877.25	1.56E-08	2.46E-12	8.57E-13	1.54E-08	2.43E-12	8.46E-13	1.50E-08	2.36E-12	8.21E-13
3434	493363.09, 3848877.25	1.42E-08	2.23E-12	7.78E-13	1.40E-08	2.21E-12	7.68E-13	1.36E-08	2.14E-12	7.46E-13
3435	493863.09, 3848877.25	1.42E-08	2.23E-12	7.78E-13	1.40E-08	2.21E-12	7.68E-13	1.36E-08	2.14E-12	7.46E-13
3436	494363.09, 3848877.25	1.43E-08	2.26E-12	7.86E-13	1.41E-08	2.23E-12	7.75E-13	1.37E-08	2.16E-12	7.53E-13
3437	494863.09, 3848877.25	1.47E-08	2.32E-12	8.07E-13	1.45E-08	2.29E-12	7.97E-13	1.41E-08	2.22E-12	7.73E-13
3438	495363.09, 3848877.25	1.46E-08	2.30E-12	8.00E-13	1.44E-08	2.27E-12	7.89E-13	1.40E-08	2.20E-12	7.67E-13
3439	495863.09, 3848877.25	1.43E-08	2.26E-12	7.86E-13	1.41E-08	2.23E-12	7.75E-13	1.37E-08	2.16E-12	7.53E-13
3440	496363.09, 3848877.25	1.52E-08	2.40E-12	8.36E-13	1.50E-08	2.37E-12	8.25E-13	1.46E-08	2.30E-12	8.01E-13
3441	496863.09, 3848877.25	1.68E-08	2.64E-12	9.21E-13	1.66E-08	2.61E-12	9.09E-13	1.61E-08	2.53E-12	8.83E-13
3442	497363.09, 3848877.25	2.12E-08	3.34E-12	1.16E-12	2.09E-08	3.30E-12	1.15E-12	2.03E-08	3.20E-12	1.12E-12
3443	497863.09, 3848877.25	2.41E-08	3.79E-12	1.32E-12	2.38E-08	3.74E-12	1.30E-12	2.31E-08	3.63E-12	1.27E-12
3444	498363.09, 3848877.25	2.77E-08	4.37E-12	1.52E-12	2.74E-08	4.31E-12	1.50E-12	2.66E-08	4.18E-12	1.46E-12
3445	471363.09, 3849377.25	5.69E-08	8.96E-12	3.12E-12	5.61E-08	8.84E-12	3.08E-12	5.45E-08	8.59E-12	2.99E-12
3446	471863.09, 3849377.25	6.17E-08	9.72E-12	3.39E-12	6.09E-08	9.59E-12	3.34E-12	5.91E-08	9.31E-12	3.24E-12
3447	472363.09, 3849377.25	6.40E-08	1.01E-11	3.51E-12	6.32E-08	9.95E-12	3.47E-12	6.14E-08	9.67E-12	3.37E-12
3448	472863.09, 3849377.25	6.53E-08	1.03E-11	3.59E-12	6.45E-08	1.02E-11	3.54E-12	6.26E-08	9.86E-12	3.44E-12
3449	473363.09, 3849377.25	6.69E-08	1.05E-11	3.67E-12	6.60E-08	1.04E-11	3.62E-12	6.41E-08	1.01E-11	3.52E-12
3450	473863.09, 3849377.25	6.95E-08	1.09E-11	3.81E-12	6.86E-08	1.08E-11	3.76E-12	6.66E-08	1.05E-11	3.66E-12
3451	474363.09, 3849377.25	7.18E-08	1.13E-11	3.94E-12	7.09E-08	1.12E-11	3.89E-12	6.88E-08	1.08E-11	3.78E-12
3452	474863.09, 3849377.25	7.37E-08	1.16E-11	4.04E-12	7.27E-08	1.15E-11	3.99E-12	7.06E-08	1.11E-11	3.87E-12
3453	475363.09, 3849377.25	7.46E-08	1.17E-11	4.09E-12	7.36E-08	1.16E-11	4.04E-12	7.15E-08	1.13E-11	3.92E-12
3454	475863.09, 3849377.25	7.69E-08	1.21E-11	4.22E-12	7.59E-08	1.20E-11	4.17E-12	7.37E-08	1.16E-11	4.05E-12
3455	476363.09, 3849377.25	7.80E-08	1.23E-11	4.28E-12	7.69E-08	1.21E-11	4.22E-12	7.47E-08	1.18E-11	4.10E-12
3456	476863.09, 3849377.25	7.70E-08	1.21E-11	4.23E-12	7.60E-08	1.20E-11	4.17E-12	7.38E-08	1.16E-11	4.05E-12
3457	477363.09, 3849377.25	7.51E-08	1.18E-11	4.12E-12	7.41E-08	1.17E-11	4.07E-12	7.20E-08	1.13E-11	3.95E-12
3458	477863.09, 3849377.25	7.44E-08	1.17E-11	4.09E-12	7.35E-08	1.16E-11	4.03E-12	7.13E-08	1.12E-11	3.92E-12
3459	478363.09, 3849377.25	7.66E-08	1.21E-11	4.21E-12	7.56E-08	1.19E-11	4.15E-12	7.35E-08	1.16E-11	4.03E-12
3460	478863.09, 3849377.25	7.63E-08	1.20E-11	4.19E-12	7.53E-08	1.19E-11	4.13E-12	7.31E-08	1.15E-11	4.01E-12
3461	479363.09, 3849377.25	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
3462	479863.09, 3849377.25	7.30E-08	1.15E-11	4.01E-12	7.21E-08	1.14E-11	3.95E-12	7.00E-08	1.10E-11	3.84E-12
3463	480363.09, 3849377.25	7.94E-08	1.25E-11	4.36E-12	7.83E-08	1.23E-11	4.30E-12	7.61E-08	1.20E-11	4.18E-12
3464	480863.09, 3849377.25	7.59E-08	1.20E-11	4.16E-12	7.49E-08	1.18E-11	4.11E-12	7.27E-08	1.15E-11	3.99E-12
3465	481363.09, 3849377.25	6.18E-08	9.74E-12	3.39E-12	6.10E-08	9.61E-12	3.35E-12	5.92E-08	9.33E-12	3.25E-12
3466	481863.09, 3849377.25	4.81E-08	7.59E-12	2.64E-12	4.75E-08	7.49E-12	2.61E-12	4.61E-08	7.27E-12	2.53E-12
3467	482363.09, 3849377.25	4.23E-08	6.66E-12	2.32E-12	4.17E-08	6.58E-12	2.29E-12	4.05E-08	6.39E-12	2.22E-12
3468	482863.09, 3849377.25	3.38E-08	5.33E-12	1.86E-12	3.34E-08	5.26E-12	1.83E-12	3.24E-08	5.11E-12	1.78E-12
3469	483363.09, 3849377.25	3.10E-08	4.88E-12	1.70E-12	3.06E-08	4.82E-12	1.68E-12	2.97E-08	4.68E-12	1.63E-12
3470	483863.09, 3849377.25	2.67E-08	4.20E-12	1.46E-12	2.63E-08	4.15E-12	1.45E-12	2.56E-08	4.03E-12	1.40E-12
3471	484363.09, 3849377.25	4.11E-08	6.48E-12	2.26E-12	4.06E-08	6.39E-12	2.23E-12	3.94E-08	6.21E-12	2.16E-12
3472	484863.09, 3849377.25	4.88E-08	7.69E-12	2.68E-12	4.82E-08	7.59E-12	2.64E-12	4.68E-08	7.37E-12	2.57E-12
3473	485363.09, 3849377.25	4.68E-08	7.38E-12	2.57E-12	4.62E-08	7.28E-12	2.54E-12	4.49E-08	7.07E-12	2.46E-12
3474	485863.09, 3849377.25	3.57E-08	5.62E-12	1.96E-12	3.52E-08	5.54E-12	1.93E-12	3.42E-08	5.38E-12	1.88E-12
3475	486363.09, 3849377.25	2.89E-08	4.55E-12	1.59E-12	2.85E-08	4.49E-12	1.56E-12	2.77E-08	4.36E-12	1.52E-12
3476	486863.09, 3849377.25	3.40E-08	5.35E-12	1.86E-12	3.35E-08	5.28E-12	1.84E-12	3.26E-08	5.13E-12	1.79E-12
3477	487363.09, 3849377.25	3.49E-08	5.49E-12	1.91E-12	3.44E-08	5.42E-12	1.89E-12	3.34E-08	5.27E-12	1.83E-12
3478	487863.09, 3849377.25	3.36E-08	5.29E-12	1.84E-12	3.31E-08	5.22E-12	1.82E-12	3.22E-08	5.07E-12	1.77E-12
3479	488363.09, 3849377.25	3.11E-08	4.90E-12	1.71E-12	3.07E-08	4.84E-12	1.68E-12	2.98E-08	4.70E-12	1.64E-12
3480	488863.09, 3849377.25	2.98E-08	4.69E-12	1.64E-12	2.94E-08	4.63E-12	1.61E-12	2.86E-08	4.50E-12	1.57E-12
3481	489363.09, 3849377.25	2.99E-08	4.72E-12	1.64E-12	2.95E-08	4.65E-12	1.62E-12	2.87E-08	4.52E-12	1.57E-12
3482	489863.09, 3849377.25	2.82E-08	4.45E-12	1.55E-12	2.79E-08	4.39E-12	1.53E-12	2.71E-08	4.26E-12	1.49E-12
3483	490363.09, 3849377.25	2.54E-08	4.00E-12	1.39E-12	2.50E-08	3.95E-12	1.37E-12	2.43E-08	3.83E-12	1.33E-12
3484	490863.09, 3849377.25	2.37E-08	3.73E-12	1.30E-12	2.34E-08	3.68E-12	1.28E-12	2.27E-08	3.58E-12	1.25E-12
3485	491363.09, 3849377.25	2.17E-08	3.42E-12	1.19E-12	2.14E-08	3.38E-12	1.18E-12	2.08E-08	3.28E-12	1.14E-12
3486	491863.09, 3849377.25	2.03E-08	3.20E-12	1.11E-12	2.00E-08	3.16E-12	1.10E-12	1.95E-08	3.07E-12	1.07E-12
3487	492363.09, 3849377.25	1.86E-08	2.93E-12	1.02E-12	1.84E-08	2.89E-12	1.01E-12	1.78E-08	2.81E-12	9.79E-13
3488	492863.09, 3849377.25	1.63E-08	2.56E-12	8.93E-13	1.61E-08	2.53E-12	8.81E-13	1.56E-08	2.46E-12	8.56E-13
3489	493363.09, 3849377.25	1.52E-08	2.40E-12	8.36E-13	1.50E-08	2.37E-12	8.25E-13	1.46E-08	2.30E-12	8.01E-13
3490	493863.09, 3849377.25	1.51E-08	2.38E-12	8.28E-13	1.49E-08	2.35E-12	8.18E-13	1.45E-08	2.28E-12	7.94E-13
3491	494363.09, 3849377.25	1.56E-08	2.46E-12	8.57E-13	1.54E-08	2.43E-12	8.46E-13	1.50E-08	2.36E-12	8.21E-13
3492	494863.09, 3849377.25	1.68E-08	2.64E-12	9.21E-13	1.66E-08	2.61E-12	9.09E-13	1.61E-08	2.53E-12	8.83E-13
3493	495363.09, 3849377.25	1.73E-08	2.73E-12	9.50E-13	1.71E-08	2.69E-12	9.38E-13	1.66E-08	2.61E-12	9.10E-13
3494	495863.09, 3849377.25	1.57E-08	2.48E-12	8.64E-13	1.55E-08	2.45E-12	8.53E-13	1.51E-08	2.38E-12	8.28E-13
3495	496363.09, 3849377.25	1.60E-08	2.52E-12	8.78E-13	1.58E-08	2.49E-12	8.67E-13	1.53E-08	2.42E-12	8.42E-13
3496	496863.09, 3849377.25	2.04E-08	3.22E-12	1.12E-12	2.02E-08	3.18E-12	1.11E-12	1.96E-08	3.08E-12	1.07E-12

3497	497363.09, 3849377.25	2.28E-08	3.59E-12	1.25E-12	2.25E-08	3.54E-12	1.23E-12	2.18E-08	3.44E-12	1.20E-12
3498	497863.09, 3849377.25	3.11E-08	4.90E-12	1.71E-12	3.07E-08	4.84E-12	1.68E-12	2.98E-08	4.70E-12	1.64E-12
3499	498363.09, 3849377.25	3.11E-08	4.90E-12	1.71E-12	3.07E-08	4.84E-12	1.68E-12	2.98E-08	4.70E-12	1.64E-12
3500	471363.09, 3849877.25	5.10E-08	8.04E-12	2.80E-12	5.03E-08	7.93E-12	2.76E-12	4.89E-08	7.70E-12	2.68E-12
3501	471863.09, 3849877.25	5.75E-08	9.06E-12	3.16E-12	5.68E-08	8.94E-12	3.12E-12	5.51E-08	8.68E-12	3.03E-12
3502	472363.09, 3849877.25	6.40E-08	1.01E-11	3.51E-12	6.32E-08	9.95E-12	3.47E-12	6.14E-08	9.67E-12	3.37E-12
3503	472863.09, 3849877.25	6.85E-08	1.08E-11	3.76E-12	6.76E-08	1.06E-11	3.71E-12	6.56E-08	1.03E-11	3.60E-12
3504	473363.09, 3849877.25	7.03E-08	1.11E-11	3.86E-12	6.94E-08	1.09E-11	3.81E-12	6.73E-08	1.06E-11	3.70E-12
3505	473863.09, 3849877.25	7.20E-08	1.13E-11	3.95E-12	7.10E-08	1.12E-11	3.90E-12	6.90E-08	1.09E-11	3.79E-12
3506	474363.09, 3849877.25	7.43E-08	1.17E-11	4.08E-12	7.33E-08	1.16E-11	4.02E-12	7.12E-08	1.12E-11	3.91E-12
3507	474863.09, 3849877.25	7.72E-08	1.22E-11	4.24E-12	7.62E-08	1.20E-11	4.18E-12	7.40E-08	1.17E-11	4.06E-12
3508	475363.09, 3849877.25	7.89E-08	1.24E-11	4.33E-12	7.78E-08	1.23E-11	4.27E-12	7.56E-08	1.19E-11	4.15E-12
3509	475863.09, 3849877.25	8.07E-08	1.27E-11	4.43E-12	7.96E-08	1.25E-11	4.37E-12	7.73E-08	1.22E-11	4.24E-12
3510	476363.09, 3849877.25	8.30E-08	1.31E-11	4.56E-12	8.19E-08	1.29E-11	4.50E-12	7.96E-08	1.25E-11	4.37E-12
3511	476863.09, 3849877.25	8.54E-08	1.34E-11	4.69E-12	8.43E-08	1.33E-11	4.62E-12	8.18E-08	1.29E-11	4.49E-12
3512	477363.09, 3849877.25	8.68E-08	1.37E-11	4.76E-12	8.57E-08	1.35E-11	4.70E-12	8.32E-08	1.31E-11	4.57E-12
3513	477863.09, 3849877.25	8.55E-08	1.35E-11	4.69E-12	8.44E-08	1.33E-11	4.63E-12	8.19E-08	1.29E-11	4.50E-12
3514	478363.09, 3849877.25	8.37E-08	1.32E-11	4.59E-12	8.26E-08	1.30E-11	4.53E-12	8.02E-08	1.26E-11	4.40E-12
3515	478863.09, 3849877.25	8.64E-08	1.36E-11	4.74E-12	8.53E-08	1.34E-11	4.68E-12	8.28E-08	1.30E-11	4.55E-12
3516	479363.09, 3849877.25	8.67E-08	1.37E-11	4.76E-12	8.55E-08	1.35E-11	4.69E-12	8.31E-08	1.31E-11	4.56E-12
3517	479863.09, 3849877.25	9.51E-08	1.50E-11	5.22E-12	9.39E-08	1.48E-11	5.15E-12	9.12E-08	1.44E-11	5.00E-12
3518	480363.09, 3849877.25	8.94E-08	1.41E-11	4.91E-12	8.82E-08	1.39E-11	4.84E-12	8.57E-08	1.35E-11	4.70E-12
3519	480863.09, 3849877.25	8.17E-08	1.29E-11	4.49E-12	8.07E-08	1.27E-11	4.43E-12	7.83E-08	1.23E-11	4.30E-12
3520	481363.09, 3849877.25	7.48E-08	1.18E-11	4.11E-12	7.39E-08	1.16E-11	4.05E-12	7.17E-08	1.13E-11	3.94E-12
3521	481863.09, 3849877.25	5.13E-08	8.08E-12	2.81E-12	5.06E-08	7.97E-12	2.78E-12	4.91E-08	7.74E-12	2.70E-12
3522	482363.09, 3849877.25	4.35E-08	6.85E-12	2.39E-12	4.29E-08	6.76E-12	2.35E-12	4.17E-08	6.56E-12	2.29E-12
3523	482863.09, 3849877.25	3.66E-08	5.76E-12	2.01E-12	3.61E-08	5.69E-12	1.98E-12	3.50E-08	5.52E-12	1.92E-12
3524	483363.09, 3849877.25	3.10E-08	4.88E-12	1.70E-12	3.06E-08	4.82E-12	1.68E-12	2.97E-08	4.68E-12	1.63E-12
3525	483863.09, 3849877.25	3.10E-08	4.88E-12	1.70E-12	3.06E-08	4.82E-12	1.68E-12	2.97E-08	4.68E-12	1.63E-12
3526	484363.09, 3849877.25	4.49E-08	7.07E-12	2.46E-12	4.43E-08	6.98E-12	2.43E-12	4.30E-08	6.78E-12	2.36E-12
3527	484863.09, 3849877.25	6.03E-08	9.49E-12	3.31E-12	5.95E-08	9.37E-12	3.26E-12	5.77E-08	9.10E-12	3.17E-12
3528	485363.09, 3849877.25	5.39E-08	8.49E-12	2.96E-12	5.32E-08	8.38E-12	2.92E-12	5.16E-08	8.13E-12	2.83E-12
3529	485863.09, 3849877.25	4.45E-08	7.01E-12	2.44E-12	4.39E-08	6.92E-12	2.41E-12	4.27E-08	6.72E-12	2.34E-12
3530	486363.09, 3849877.25	3.97E-08	6.25E-12	2.18E-12	3.92E-08	6.17E-12	2.15E-12	3.80E-08	5.99E-12	2.09E-12
3531	486863.09, 3849877.25	4.26E-08	6.70E-12	2.34E-12	4.20E-08	6.62E-12	2.31E-12	4.08E-08	6.42E-12	2.24E-12
3532	487363.09, 3849877.25	4.14E-08	6.52E-12	2.27E-12	4.08E-08	6.43E-12	2.24E-12	3.97E-08	6.25E-12	2.18E-12
3533	487863.09, 3849877.25	3.98E-08	6.27E-12	2.19E-12	3.93E-08	6.19E-12	2.16E-12	3.82E-08	6.01E-12	2.09E-12
3534	488363.09, 3849877.25	3.70E-08	5.82E-12	2.03E-12	3.65E-08	5.75E-12	2.00E-12	3.54E-08	5.58E-12	1.94E-12
3535	488863.09, 3849877.25	3.50E-08	5.51E-12	1.92E-12	3.45E-08	5.44E-12	1.90E-12	3.35E-08	5.29E-12	1.84E-12
3536	489363.09, 3849877.25	3.42E-08	5.39E-12	1.88E-12	3.38E-08	5.32E-12	1.85E-12	3.28E-08	5.17E-12	1.80E-12
3537	489863.09, 3849877.25	3.14E-08	4.94E-12	1.72E-12	3.10E-08	4.88E-12	1.70E-12	3.01E-08	4.74E-12	1.65E-12
3538	490363.09, 3849877.25	2.84E-08	4.47E-12	1.56E-12	2.80E-08	4.41E-12	1.54E-12	2.72E-08	4.28E-12	1.49E-12
3539	490863.09, 3849877.25	2.64E-08	4.16E-12	1.45E-12	2.61E-08	4.11E-12	1.43E-12	2.53E-08	3.99E-12	1.39E-12
3540	491363.09, 3849877.25	2.42E-08	3.81E-12	1.33E-12	2.39E-08	3.76E-12	1.31E-12	2.32E-08	3.65E-12	1.27E-12
3541	491863.09, 3849877.25	2.25E-08	3.55E-12	1.24E-12	2.22E-08	3.50E-12	1.22E-12	2.16E-08	3.40E-12	1.18E-12
3542	492363.09, 3849877.25	2.07E-08	3.26E-12	1.14E-12	2.04E-08	3.22E-12	1.12E-12	1.98E-08	3.12E-12	1.09E-12
3543	492863.09, 3849877.25	1.86E-08	2.93E-12	1.02E-12	1.84E-08	2.89E-12	1.01E-12	1.78E-08	2.81E-12	9.79E-13
3544	493363.09, 3849877.25	1.65E-08	2.60E-12	9.07E-13	1.63E-08	2.57E-12	8.95E-13	1.58E-08	2.50E-12	8.69E-13
3545	493863.09, 3849877.25	1.64E-08	2.58E-12	9.00E-13	1.62E-08	2.55E-12	8.88E-13	1.57E-08	2.48E-12	8.62E-13
3546	494363.09, 3849877.25	1.85E-08	2.91E-12	1.01E-12	1.82E-08	2.87E-12	1.00E-12	1.77E-08	2.79E-12	9.72E-13
3547	494863.09, 3849877.25	1.98E-08	3.12E-12	1.09E-12	1.95E-08	3.08E-12	1.07E-12	1.90E-08	2.99E-12	1.04E-12
3548	495363.09, 3849877.25	1.85E-08	2.91E-12	1.01E-12	1.82E-08	2.87E-12	1.00E-12	1.77E-08	2.79E-12	9.72E-13
3549	495863.09, 3849877.25	2.12E-08	3.34E-12	1.16E-12	2.09E-08	3.30E-12	1.15E-12	2.03E-08	3.20E-12	1.12E-12
3550	496363.09, 3849877.25	2.34E-08	3.69E-12	1.29E-12	2.31E-08	3.64E-12	1.27E-12	2.24E-08	3.54E-12	1.23E-12
3551	496863.09, 3849877.25	2.52E-08	3.98E-12	1.39E-12	2.49E-08	3.93E-12	1.37E-12	2.42E-08	3.81E-12	1.33E-12
3552	497363.09, 3849877.25	3.16E-08	4.98E-12	1.74E-12	3.12E-08	4.92E-12	1.71E-12	3.03E-08	4.77E-12	1.66E-12
3553	497863.09, 3849877.25	3.57E-08	5.62E-12	1.96E-12	3.52E-08	5.54E-12	1.93E-12	3.42E-08	5.38E-12	1.88E-12
3554	498363.09, 3849877.25	3.44E-08	5.41E-12	1.89E-12	3.39E-08	5.34E-12	1.86E-12	3.29E-08	5.19E-12	1.81E-12
3555	471363.09, 3850377.25	4.36E-08	6.87E-12	2.39E-12	4.30E-08	6.78E-12	2.36E-12	4.18E-08	6.58E-12	2.29E-12
3556	471863.09, 3850377.25	5.31E-08	8.36E-12	2.91E-12	5.24E-08	8.26E-12	2.88E-12	5.09E-08	8.02E-12	2.79E-12
3557	472363.09, 3850377.25	5.76E-08	9.08E-12	3.16E-12	5.69E-08	8.96E-12	3.12E-12	5.53E-08	8.70E-12	3.03E-12
3558	472863.09, 3850377.25	6.57E-08	1.04E-11	3.61E-12	6.49E-08	1.02E-11	3.56E-12	6.30E-08	9.92E-12	3.46E-12
3559	473363.09, 3850377.25	7.01E-08	1.10E-11	3.85E-12	6.92E-08	1.09E-11	3.80E-12	6.72E-08	1.06E-11	3.69E-12
3560	473863.09, 3850377.25	7.50E-08	1.18E-11	4.11E-12	7.40E-08	1.17E-11	4.06E-12	7.18E-08	1.13E-11	3.94E-12
3561	474363.09, 3850377.25	7.78E-08	1.23E-11	4.27E-12	7.68E-08	1.21E-11	4.22E-12	7.46E-08	1.17E-11	4.09E-12
3562	474863.09, 3850377.25	7.99E-08	1.26E-11	4.39E-12	7.89E-08	1.24E-11	4.33E-12	7.66E-08	1.21E-11	4.20E-12
3563	475363.09, 3850377.25	8.30E-08	1.31E-11	4.56E-12	8.19E-08	1.29E-11	4.50E-12	7.96E-08	1.25E-11	4.37E-12
3564	475863.09, 3850377.25	8.59E-08	1.35E-11	4.71E-12	8.48E-08	1.34E-11	4.65E-12	8.23E-08	1.30E-11	4.52E-12
3565	476363.09, 3850377.25	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
3566	476863.09, 3850377.25	8.98E-08	1.41E-11	4.93E-12	8.86E-08	1.40E-11	4.86E-12	8.61E-08	1.36E-11	4.72E-12

3567 477363.09, 3850377.25	9.28E-08	1.46E-11	5.09E-12	9.16E-08	1.44E-11	5.03E-12	8.89E-08	1.40E-11	4.88E-12
3568 477863.09, 3850377.25	9.43E-08	1.49E-11	5.18E-12	9.31E-08	1.47E-11	5.11E-12	9.04E-08	1.42E-11	4.96E-12
3569 478363.09, 3850377.25	9.34E-08	1.47E-11	5.13E-12	9.22E-08	1.45E-11	5.06E-12	8.95E-08	1.41E-11	4.91E-12
3570 478863.09, 3850377.25	9.46E-08	1.49E-11	5.19E-12	9.34E-08	1.47E-11	5.12E-12	9.07E-08	1.43E-11	4.98E-12
3571 479363.09, 3850377.25	9.75E-08	1.54E-11	5.35E-12	9.62E-08	1.52E-11	5.28E-12	9.34E-08	1.47E-11	5.13E-12
3572 479863.09, 3850377.25	9.92E-08	1.56E-11	5.44E-12	9.79E-08	1.54E-11	5.37E-12	9.50E-08	1.50E-11	5.22E-12
3573 480363.09, 3850377.25	1.05E-07	1.65E-11	5.76E-12	1.04E-07	1.63E-11	5.69E-12	1.01E-07	1.59E-11	5.52E-12
3574 480863.09, 3850377.25	1.09E-07	1.72E-11	5.98E-12	1.08E-07	1.69E-11	5.90E-12	1.04E-07	1.64E-11	5.73E-12
3575 481363.09, 3850377.25	8.68E-08	1.37E-11	4.76E-12	8.57E-08	1.35E-11	4.70E-12	8.32E-08	1.31E-11	4.57E-12
3576 481863.09, 3850377.25	8.11E-08	1.28E-11	4.45E-12	8.00E-08	1.26E-11	4.39E-12	7.77E-08	1.22E-11	4.26E-12
3577 482363.09, 3850377.25	7.30E-08	1.15E-11	4.01E-12	7.21E-08	1.14E-11	3.95E-12	7.00E-08	1.10E-11	3.84E-12
3578 482863.09, 3850377.25	5.50E-08	8.67E-12	3.02E-12	5.43E-08	8.56E-12	2.98E-12	5.28E-08	8.31E-12	2.90E-12
3579 483363.09, 3850377.25	4.27E-08	6.72E-12	2.34E-12	4.21E-08	6.64E-12	2.31E-12	4.09E-08	6.44E-12	2.25E-12
3580 483863.09, 3850377.25	4.71E-08	7.42E-12	2.59E-12	4.65E-08	7.32E-12	2.55E-12	4.51E-08	7.11E-12	2.48E-12
3581 484363.09, 3850377.25	5.83E-08	9.18E-12	3.20E-12	5.75E-08	9.06E-12	3.16E-12	5.59E-08	8.80E-12	3.07E-12
3582 484863.09, 3850377.25	7.03E-08	1.11E-11	3.86E-12	6.94E-08	1.09E-11	3.81E-12	6.73E-08	1.06E-11	3.70E-12
3583 485363.09, 3850377.25	6.75E-08	1.06E-11	3.71E-12	6.67E-08	1.05E-11	3.66E-12	6.47E-08	1.02E-11	3.55E-12
3584 485863.09, 3850377.25	6.01E-08	9.47E-12	3.30E-12	5.93E-08	9.35E-12	3.26E-12	5.76E-08	9.08E-12	3.16E-12
3585 486363.09, 3850377.25	5.73E-08	9.02E-12	3.14E-12	5.65E-08	8.90E-12	3.10E-12	5.49E-08	8.65E-12	3.01E-12
3586 486863.09, 3850377.25	5.32E-08	8.38E-12	2.92E-12	5.25E-08	8.28E-12	2.88E-12	5.10E-08	8.04E-12	2.80E-12
3587 487363.09, 3850377.25	4.95E-08	7.79E-12	2.71E-12	4.88E-08	7.69E-12	2.68E-12	4.74E-08	7.47E-12	2.60E-12
3588 487863.09, 3850377.25	4.76E-08	7.50E-12	2.61E-12	4.70E-08	7.41E-12	2.58E-12	4.56E-08	7.19E-12	2.51E-12
3589 488363.09, 3850377.25	4.42E-08	6.97E-12	2.43E-12	4.37E-08	6.88E-12	2.40E-12	4.24E-08	6.68E-12	2.33E-12
3590 488863.09, 3850377.25	4.13E-08	6.50E-12	2.26E-12	4.07E-08	6.41E-12	2.23E-12	3.95E-08	6.23E-12	2.17E-12
3591 489363.09, 3850377.25	3.92E-08	6.17E-12	2.15E-12	3.87E-08	6.09E-12	2.12E-12	3.75E-08	5.91E-12	2.06E-12
3592 489863.09, 3850377.25	3.53E-08	5.56E-12	1.94E-12	3.48E-08	5.48E-12	1.91E-12	3.38E-08	5.32E-12	1.86E-12
3593 490363.09, 3850377.25	3.27E-08	5.15E-12	1.79E-12	3.22E-08	5.08E-12	1.77E-12	3.13E-08	4.93E-12	1.72E-12
3594 490863.09, 3850377.25	2.99E-08	4.72E-12	1.64E-12	2.95E-08	4.65E-12	1.62E-12	2.87E-08	4.52E-12	1.57E-12
3595 491363.09, 3850377.25	2.76E-08	4.35E-12	1.51E-12	2.72E-08	4.29E-12	1.49E-12	2.64E-08	4.17E-12	1.45E-12
3596 491863.09, 3850377.25	2.51E-08	3.96E-12	1.38E-12	2.48E-08	3.91E-12	1.36E-12	2.41E-08	3.79E-12	1.32E-12
3597 492363.09, 3850377.25	2.25E-08	3.55E-12	1.24E-12	2.22E-08	3.50E-12	1.22E-12	2.16E-08	3.40E-12	1.18E-12
3598 492863.09, 3850377.25	2.04E-08	3.22E-12	1.12E-12	2.02E-08	3.18E-12	1.11E-12	1.96E-08	3.08E-12	1.07E-12
3599 493363.09, 3850377.25	1.89E-08	2.97E-12	1.04E-12	1.86E-08	2.93E-12	1.02E-12	1.81E-08	2.85E-12	9.93E-13
3600 493863.09, 3850377.25	2.04E-08	3.22E-12	1.12E-12	2.02E-08	3.18E-12	1.11E-12	1.96E-08	3.08E-12	1.07E-12
3601 494363.09, 3850377.25	2.10E-08	3.30E-12	1.15E-12	2.07E-08	3.26E-12	1.13E-12	2.01E-08	3.16E-12	1.10E-12
3602 494863.09, 3850377.25	2.25E-08	3.55E-12	1.24E-12	2.22E-08	3.50E-12	1.22E-12	2.16E-08	3.40E-12	1.18E-12
3603 495363.09, 3850377.25	2.63E-08	4.14E-12	1.44E-12	2.59E-08	4.09E-12	1.42E-12	2.52E-08	3.97E-12	1.38E-12
3604 495863.09, 3850377.25	2.58E-08	4.06E-12	1.41E-12	2.54E-08	4.01E-12	1.40E-12	2.47E-08	3.89E-12	1.36E-12
3605 496363.09, 3850377.25	3.05E-08	4.80E-12	1.67E-12	3.01E-08	4.73E-12	1.65E-12	2.92E-08	4.60E-12	1.60E-12
3606 496863.09, 3850377.25	3.53E-08	5.56E-12	1.94E-12	3.48E-08	5.48E-12	1.91E-12	3.38E-08	5.32E-12	1.86E-12
3607 497363.09, 3850377.25	3.98E-08	6.27E-12	2.19E-12	3.93E-08	6.19E-12	2.16E-12	3.82E-08	6.01E-12	2.09E-12
3608 497863.09, 3850377.25	3.96E-08	6.23E-12	2.17E-12	3.90E-08	6.15E-12	2.14E-12	3.79E-08	5.97E-12	2.08E-12
3609 498363.09, 3850377.25	3.97E-08	6.25E-12	2.18E-12	3.92E-08	6.17E-12	2.15E-12	3.80E-08	5.99E-12	2.09E-12
3610 471363.09, 3850877.25	4.87E-08	7.67E-12	2.67E-12	4.80E-08	7.57E-12	2.64E-12	4.66E-08	7.35E-12	2.56E-12
3611 471863.09, 3850877.25	5.32E-08	8.38E-12	2.92E-12	5.25E-08	8.28E-12	2.88E-12	5.10E-08	8.04E-12	2.80E-12
3612 472363.09, 3850877.25	5.96E-08	9.39E-12	3.27E-12	5.88E-08	9.27E-12	3.23E-12	5.71E-08	9.00E-12	3.14E-12
3613 472863.09, 3850877.25	6.49E-08	1.02E-11	3.56E-12	6.41E-08	1.01E-11	3.52E-12	6.22E-08	9.80E-12	3.42E-12
3614 473363.09, 3850877.25	6.47E-08	1.02E-11	3.55E-12	6.38E-08	1.01E-11	3.50E-12	6.20E-08	9.76E-12	3.40E-12
3615 473863.09, 3850877.25	7.16E-08	1.13E-11	3.93E-12	7.06E-08	1.11E-11	3.88E-12	6.86E-08	1.08E-11	3.76E-12
3616 474363.09, 3850877.25	7.99E-08	1.26E-11	4.39E-12	7.89E-08	1.24E-11	4.33E-12	7.66E-08	1.21E-11	4.20E-12
3617 474863.09, 3850877.25	8.43E-08	1.33E-11	4.63E-12	8.32E-08	1.31E-11	4.57E-12	8.08E-08	1.27E-11	4.44E-12
3618 475363.09, 3850877.25	8.68E-08	1.37E-11	4.76E-12	8.57E-08	1.35E-11	4.70E-12	8.32E-08	1.31E-11	4.57E-12
3619 475863.09, 3850877.25	8.97E-08	1.41E-11	4.92E-12	8.85E-08	1.39E-11	4.86E-12	8.59E-08	1.35E-11	4.72E-12
3620 476363.09, 3850877.25	9.29E-08	1.46E-11	5.10E-12	9.17E-08	1.44E-11	5.03E-12	8.91E-08	1.40E-11	4.89E-12
3621 476863.09, 3850877.25	9.58E-08	1.51E-11	5.26E-12	9.45E-08	1.49E-11	5.19E-12	9.18E-08	1.45E-11	5.04E-12
3622 477363.09, 3850877.25	9.81E-08	1.55E-11	5.39E-12	9.68E-08	1.53E-11	5.31E-12	9.40E-08	1.48E-11	5.16E-12
3623 477863.09, 3850877.25	1.01E-07	1.59E-11	5.56E-12	9.99E-08	1.57E-11	5.48E-12	9.70E-08	1.53E-11	5.33E-12
3624 478363.09, 3850877.25	1.04E-07	1.64E-11	5.70E-12	1.02E-07	1.61E-11	5.63E-12	9.95E-08	1.57E-11	5.46E-12
3625 478863.09, 3850877.25	1.06E-07	1.67E-11	5.81E-12	1.05E-07	1.65E-11	5.74E-12	1.02E-07	1.60E-11	5.57E-12
3626 479363.09, 3850877.25	1.06E-07	1.67E-11	5.81E-12	1.04E-07	1.64E-11	5.73E-12	1.01E-07	1.60E-11	5.57E-12
3627 479863.09, 3850877.25	1.06E-07	1.67E-11	5.84E-12	1.05E-07	1.65E-11	5.76E-12	1.02E-07	1.61E-11	5.59E-12
3628 480363.09, 3850877.25	1.15E-07	1.81E-11	6.31E-12	1.14E-07	1.79E-11	6.23E-12	1.10E-07	1.74E-11	6.05E-12
3629 480863.09, 3850877.25	1.25E-07	1.96E-11	6.84E-12	1.23E-07	1.94E-11	6.75E-12	1.19E-07	1.88E-11	6.56E-12
3630 481363.09, 3850877.25	1.26E-07	1.99E-11	6.92E-12	1.24E-07	1.96E-11	6.83E-12	1.21E-07	1.90E-11	6.63E-12
3631 481863.09, 3850877.25	1.18E-07	1.85E-11	6.45E-12	1.16E-07	1.83E-11	6.37E-12	1.13E-07	1.77E-11	6.18E-12
3632 482363.09, 3850877.25	9.51E-08	1.50E-11	5.22E-12	9.39E-08	1.48E-11	5.15E-12	9.12E-08	1.44E-11	5.00E-12
3633 482863.09, 3850877.25	8.20E-08	1.29E-11	4.50E-12	8.09E-08	1.27E-11	4.44E-12	7.86E-08	1.24E-11	4.31E-12
3634 483363.09, 3850877.25	6.78E-08	1.07E-11	3.72E-12	6.69E-08	1.05E-11	3.67E-12	6.50E-08	1.02E-11	3.57E-12
3635 483863.09, 3850877.25	6.42E-08	1.01E-11	3.52E-12	6.33E-08	9.97E-12	3.48E-12	6.15E-08	9.69E-12	3.37E-12
3636 484363.09, 3850877.25	7.63E-08	1.20E-11	4.19E-12	7.53E-08	1.19E-11	4.13E-12	7.31E-08	1.15E-11	4.01E-12

3637 484863.09, 3850877.25	7.83E-08	1.23E-11	4.30E-12	7.73E-08	1.22E-11	4.24E-12	7.51E-08	1.18E-11	4.12E-12
3638 485363.09, 3850877.25	7.94E-08	1.25E-11	4.36E-12	7.83E-08	1.23E-11	4.30E-12	7.61E-08	1.20E-11	4.18E-12
3639 485863.09, 3850877.25	7.00E-08	1.10E-11	3.84E-12	6.91E-08	1.09E-11	3.79E-12	6.71E-08	1.06E-11	3.68E-12
3640 486363.09, 3850877.25	7.18E-08	1.13E-11	3.94E-12	7.09E-08	1.12E-11	3.89E-12	6.88E-08	1.08E-11	3.78E-12
3641 486863.09, 3850877.25	6.64E-08	1.05E-11	3.64E-12	6.55E-08	1.03E-11	3.59E-12	6.36E-08	1.00E-11	3.49E-12
3642 487363.09, 3850877.25	5.87E-08	9.25E-12	3.22E-12	5.79E-08	9.13E-12	3.18E-12	5.62E-08	8.86E-12	3.09E-12
3643 487863.09, 3850877.25	5.66E-08	8.92E-12	3.11E-12	5.59E-08	8.80E-12	3.07E-12	5.43E-08	8.55E-12	2.98E-12
3644 488363.09, 3850877.25	5.26E-08	8.28E-12	2.89E-12	5.19E-08	8.17E-12	2.85E-12	5.04E-08	7.94E-12	2.77E-12
3645 488863.09, 3850877.25	4.81E-08	7.59E-12	2.64E-12	4.75E-08	7.49E-12	2.61E-12	4.61E-08	7.27E-12	2.53E-12
3646 489363.09, 3850877.25	4.55E-08	7.18E-12	2.50E-12	4.50E-08	7.08E-12	2.47E-12	4.37E-08	6.88E-12	2.40E-12
3647 489863.09, 3850877.25	4.09E-08	6.44E-12	2.24E-12	4.03E-08	6.35E-12	2.21E-12	3.92E-08	6.17E-12	2.15E-12
3648 490363.09, 3850877.25	3.90E-08	6.15E-12	2.14E-12	3.85E-08	6.07E-12	2.11E-12	3.74E-08	5.89E-12	2.05E-12
3649 490863.09, 3850877.25	3.50E-08	5.51E-12	1.92E-12	3.45E-08	5.44E-12	1.90E-12	3.35E-08	5.29E-12	1.84E-12
3650 491363.09, 3850877.25	3.19E-08	5.02E-12	1.75E-12	3.15E-08	4.96E-12	1.73E-12	3.06E-08	4.81E-12	1.68E-12
3651 491863.09, 3850877.25	2.92E-08	4.59E-12	1.60E-12	2.88E-08	4.53E-12	1.58E-12	2.79E-08	4.40E-12	1.53E-12
3652 492363.09, 3850877.25	2.63E-08	4.14E-12	1.44E-12	2.59E-08	4.09E-12	1.42E-12	2.52E-08	3.97E-12	1.38E-12
3653 492863.09, 3850877.25	2.37E-08	3.73E-12	1.30E-12	2.34E-08	3.68E-12	1.28E-12	2.27E-08	3.58E-12	1.25E-12
3654 493363.09, 3850877.25	2.39E-08	3.77E-12	1.31E-12	2.36E-08	3.72E-12	1.30E-12	2.29E-08	3.62E-12	1.26E-12
3655 493863.09, 3850877.25	2.58E-08	4.06E-12	1.41E-12	2.54E-08	4.01E-12	1.40E-12	2.47E-08	3.89E-12	1.36E-12
3656 494363.09, 3850877.25	2.56E-08	4.04E-12	1.41E-12	2.53E-08	3.99E-12	1.39E-12	2.46E-08	3.87E-12	1.35E-12
3657 494863.09, 3850877.25	2.84E-08	4.47E-12	1.56E-12	2.80E-08	4.41E-12	1.54E-12	2.72E-08	4.28E-12	1.49E-12
3658 495363.09, 3850877.25	3.21E-08	5.06E-12	1.76E-12	3.17E-08	5.00E-12	1.74E-12	3.08E-08	4.85E-12	1.69E-12
3659 495863.09, 3850877.25	3.49E-08	5.49E-12	1.91E-12	3.44E-08	5.42E-12	1.89E-12	3.34E-08	5.27E-12	1.83E-12
3660 496363.09, 3850877.25	3.81E-08	6.01E-12	2.09E-12	3.76E-08	5.93E-12	2.07E-12	3.65E-08	5.76E-12	2.01E-12
3661 496863.09, 3850877.25	4.58E-08	7.22E-12	2.51E-12	4.52E-08	7.12E-12	2.48E-12	4.39E-08	6.92E-12	2.41E-12
3662 497363.09, 3850877.25	4.62E-08	7.28E-12	2.54E-12	4.56E-08	7.18E-12	2.50E-12	4.43E-08	6.97E-12	2.43E-12
3663 497863.09, 3850877.25	4.55E-08	7.18E-12	2.50E-12	4.50E-08	7.08E-12	2.47E-12	4.37E-08	6.88E-12	2.40E-12
3664 498363.09, 3850877.25	4.66E-08	7.34E-12	2.56E-12	4.60E-08	7.24E-12	2.52E-12	4.47E-08	7.03E-12	2.45E-12
3665 471363.09, 3851377.25	5.21E-08	8.20E-12	2.86E-12	5.14E-08	8.09E-12	2.82E-12	4.99E-08	7.86E-12	2.74E-12
3666 471863.09, 3851377.25	5.91E-08	9.31E-12	3.24E-12	5.83E-08	9.19E-12	3.20E-12	5.66E-08	8.92E-12	3.11E-12
3667 472363.09, 3851377.25	6.03E-08	9.49E-12	3.31E-12	5.95E-08	9.37E-12	3.26E-12	5.77E-08	9.10E-12	3.17E-12
3668 472863.09, 3851377.25	6.21E-08	9.78E-12	3.41E-12	6.13E-08	9.65E-12	3.36E-12	5.95E-08	9.37E-12	3.27E-12
3669 473363.09, 3851377.25	6.01E-08	9.47E-12	3.30E-12	5.93E-08	9.35E-12	3.26E-12	5.76E-08	9.08E-12	3.16E-12
3670 473863.09, 3851377.25	6.38E-08	1.00E-11	3.50E-12	6.29E-08	9.91E-12	3.45E-12	6.11E-08	9.63E-12	3.35E-12
3671 474363.09, 3851377.25	7.25E-08	1.14E-11	3.98E-12	7.15E-08	1.13E-11	3.93E-12	6.95E-08	1.09E-11	3.81E-12
3672 474863.09, 3851377.25	8.08E-08	1.27E-11	4.44E-12	7.98E-08	1.26E-11	4.38E-12	7.75E-08	1.22E-11	4.25E-12
3673 475363.09, 3851377.25	8.88E-08	1.40E-11	4.87E-12	8.76E-08	1.38E-11	4.81E-12	8.51E-08	1.34E-11	4.67E-12
3674 475863.09, 3851377.25	9.36E-08	1.47E-11	5.14E-12	9.23E-08	1.45E-11	5.07E-12	8.97E-08	1.41E-11	4.92E-12
3675 476363.09, 3851377.25	9.64E-08	1.52E-11	5.29E-12	9.52E-08	1.50E-11	5.22E-12	9.24E-08	1.46E-11	5.07E-12
3676 476863.09, 3851377.25	9.81E-08	1.55E-11	5.39E-12	9.68E-08	1.53E-11	5.31E-12	9.40E-08	1.48E-11	5.16E-12
3677 477363.09, 3851377.25	1.04E-07	1.65E-11	5.74E-12	1.03E-07	1.62E-11	5.66E-12	1.00E-07	1.58E-11	5.50E-12
3678 477863.09, 3851377.25	1.08E-07	1.70E-11	5.91E-12	1.06E-07	1.67E-11	5.83E-12	1.03E-07	1.62E-11	5.66E-12
3679 478363.09, 3851377.25	1.10E-07	1.74E-11	6.05E-12	1.09E-07	1.71E-11	5.97E-12	1.06E-07	1.66E-11	5.80E-12
3680 478863.09, 3851377.25	1.14E-07	1.79E-11	6.25E-12	1.12E-07	1.77E-11	6.17E-12	1.09E-07	1.72E-11	5.99E-12
3681 479363.09, 3851377.25	1.16E-07	1.83E-11	6.39E-12	1.15E-07	1.81E-11	6.30E-12	1.12E-07	1.76E-11	6.12E-12
3682 479863.09, 3851377.25	1.18E-07	1.86E-11	6.49E-12	1.17E-07	1.84E-11	6.40E-12	1.13E-07	1.78E-11	6.22E-12
3683 480363.09, 3851377.25	1.21E-07	1.90E-11	6.61E-12	1.19E-07	1.87E-11	6.53E-12	1.15E-07	1.82E-11	6.34E-12
3684 480863.09, 3851377.25	1.29E-07	2.03E-11	7.07E-12	1.27E-07	2.00E-11	6.98E-12	1.23E-07	1.95E-11	6.78E-12
3685 481363.09, 3851377.25	1.41E-07	2.22E-11	7.74E-12	1.39E-07	2.19E-11	7.64E-12	1.35E-07	2.13E-11	7.42E-12
3686 481863.09, 3851377.25	1.41E-07	2.23E-11	7.76E-12	1.39E-07	2.20E-11	7.66E-12	1.35E-07	2.13E-11	7.43E-12
3687 482363.09, 3851377.25	1.34E-07	2.12E-11	7.38E-12	1.33E-07	2.09E-11	7.28E-12	1.29E-07	2.03E-11	7.07E-12
3688 482863.09, 3851377.25	1.09E-07	1.72E-11	6.01E-12	1.08E-07	1.70E-11	5.93E-12	1.05E-07	1.65E-11	5.76E-12
3689 483363.09, 3851377.25	8.95E-08	1.41E-11	4.91E-12	8.84E-08	1.39E-11	4.85E-12	8.58E-08	1.35E-11	4.71E-12
3690 483863.09, 3851377.25	8.12E-08	1.28E-11	4.46E-12	8.01E-08	1.26E-11	4.40E-12	7.78E-08	1.23E-11	4.27E-12
3691 484363.09, 3851377.25	9.77E-08	1.54E-11	5.36E-12	9.65E-08	1.52E-11	5.29E-12	9.37E-08	1.48E-11	5.14E-12
3692 484863.09, 3851377.25	7.77E-08	1.22E-11	4.26E-12	7.67E-08	1.21E-11	4.21E-12	7.45E-08	1.17E-11	4.09E-12
3693 485363.09, 3851377.25	9.70E-08	1.53E-11	5.32E-12	9.57E-08	1.51E-11	5.25E-12	9.29E-08	1.46E-11	5.10E-12
3694 485863.09, 3851377.25	8.16E-08	1.29E-11	4.48E-12	8.05E-08	1.27E-11	4.42E-12	7.82E-08	1.23E-11	4.29E-12
3695 486363.09, 3851377.25	8.95E-08	1.41E-11	4.91E-12	8.84E-08	1.39E-11	4.85E-12	8.58E-08	1.35E-11	4.71E-12
3696 486863.09, 3851377.25	8.22E-08	1.30E-11	4.51E-12	8.12E-08	1.28E-11	4.45E-12	7.88E-08	1.24E-11	4.33E-12
3697 487363.09, 3851377.25	6.53E-08	1.03E-11	3.59E-12	6.45E-08	1.02E-11	3.54E-12	6.26E-08	9.86E-12	3.44E-12
3698 487863.09, 3851377.25	6.64E-08	1.05E-11	3.64E-12	6.55E-08	1.03E-11	3.59E-12	6.36E-08	1.00E-11	3.49E-12
3699 488363.09, 3851377.25	6.32E-08	9.96E-12	3.47E-12	6.24E-08	9.83E-12	3.43E-12	6.06E-08	9.55E-12	3.33E-12
3700 488863.09, 3851377.25	5.73E-08	9.02E-12	3.14E-12	5.65E-08	8.90E-12	3.10E-12	5.49E-08	8.65E-12	3.01E-12
3701 489363.09, 3851377.25	5.39E-08	8.49E-12	2.96E-12	5.32E-08	8.38E-12	2.92E-12	5.16E-08	8.13E-12	2.83E-12
3702 489863.09, 3851377.25	4.75E-08	7.48E-12	2.61E-12	4.69E-08	7.39E-12	2.57E-12	4.55E-08	7.17E-12	2.50E-12
3703 490363.09, 3851377.25	4.53E-08	7.13E-12	2.49E-12	4.47E-08	7.04E-12	2.45E-12	4.34E-08	6.84E-12	2.38E-12
3704 490863.09, 3851377.25	4.03E-08	6.36E-12	2.21E-12	3.98E-08	6.27E-12	2.19E-12	3.87E-08	6.09E-12	2.12E-12
3705 491363.09, 3851377.25	3.67E-08	5.78E-12	2.01E-12	3.62E-08	5.71E-12	1.99E-12	3.52E-08	5.54E-12	1.93E-12
3706 491863.09, 3851377.25	3.34E-08	5.27E-12	1.84E-12	3.30E-08	5.20E-12	1.81E-12	3.21E-08	5.05E-12	1.76E-12

3707	492363.09, 3851377.25	3.06E-08	4.82E-12	1.68E-12	3.02E-08	4.75E-12	1.66E-12	2.93E-08	4.62E-12	1.61E-12
3708	492863.09, 3851377.25	2.80E-08	4.41E-12	1.54E-12	2.76E-08	4.35E-12	1.52E-12	2.68E-08	4.22E-12	1.47E-12
3709	493363.09, 3851377.25	2.62E-08	4.12E-12	1.44E-12	2.58E-08	4.07E-12	1.42E-12	2.51E-08	3.95E-12	1.38E-12
3710	493863.09, 3851377.25	2.76E-08	4.35E-12	1.51E-12	2.72E-08	4.29E-12	1.49E-12	2.64E-08	4.17E-12	1.45E-12
3711	494363.09, 3851377.25	3.08E-08	4.86E-12	1.69E-12	3.04E-08	4.80E-12	1.67E-12	2.96E-08	4.66E-12	1.62E-12
3712	494863.09, 3851377.25	3.45E-08	5.43E-12	1.89E-12	3.40E-08	5.36E-12	1.87E-12	3.31E-08	5.21E-12	1.81E-12
3713	495363.09, 3851377.25	4.14E-08	6.52E-12	2.27E-12	4.08E-08	6.43E-12	2.24E-12	3.97E-08	6.25E-12	2.18E-12
3714	495863.09, 3851377.25	4.68E-08	7.38E-12	2.57E-12	4.62E-08	7.28E-12	2.54E-12	4.49E-08	7.07E-12	2.46E-12
3715	496363.09, 3851377.25	5.23E-08	8.24E-12	2.87E-12	5.16E-08	8.13E-12	2.83E-12	5.01E-08	7.90E-12	2.75E-12
3716	496863.09, 3851377.25	5.37E-08	8.47E-12	2.95E-12	5.30E-08	8.36E-12	2.91E-12	5.15E-08	8.11E-12	2.83E-12
3717	497363.09, 3851377.25	5.40E-08	8.51E-12	2.96E-12	5.33E-08	8.40E-12	2.93E-12	5.18E-08	8.15E-12	2.84E-12
3718	497863.09, 3851377.25	5.52E-08	8.69E-12	3.03E-12	5.45E-08	8.58E-12	2.99E-12	5.29E-08	8.33E-12	2.90E-12
3719	498363.09, 3851377.25	5.45E-08	8.59E-12	2.99E-12	5.38E-08	8.48E-12	2.95E-12	5.23E-08	8.23E-12	2.87E-12
3720	471363.09, 3851877.25	5.87E-08	9.25E-12	3.22E-12	5.79E-08	9.13E-12	3.18E-12	5.62E-08	8.86E-12	3.09E-12
3721	471863.09, 3851877.25	5.69E-08	8.96E-12	3.12E-12	5.61E-08	8.84E-12	3.08E-12	5.45E-08	8.59E-12	2.99E-12
3722	472363.09, 3851877.25	6.06E-08	9.55E-12	3.33E-12	5.99E-08	9.43E-12	3.28E-12	5.81E-08	9.16E-12	3.19E-12
3723	472863.09, 3851877.25	6.42E-08	1.01E-11	3.52E-12	6.33E-08	9.97E-12	3.48E-12	6.15E-08	9.69E-12	3.37E-12
3724	473363.09, 3851877.25	6.18E-08	9.74E-12	3.39E-12	6.10E-08	9.61E-12	3.35E-12	5.92E-08	9.33E-12	3.25E-12
3725	473863.09, 3851877.25	6.32E-08	9.96E-12	3.47E-12	6.24E-08	9.83E-12	3.43E-12	6.06E-08	9.55E-12	3.33E-12
3726	474363.09, 3851877.25	7.08E-08	1.12E-11	3.89E-12	6.99E-08	1.10E-11	3.83E-12	6.78E-08	1.07E-11	3.72E-12
3727	474863.09, 3851877.25	7.85E-08	1.24E-11	4.31E-12	7.74E-08	1.22E-11	4.25E-12	7.52E-08	1.18E-11	4.13E-12
3728	475363.09, 3851877.25	8.41E-08	1.32E-11	4.61E-12	8.30E-08	1.31E-11	4.55E-12	8.06E-08	1.27E-11	4.42E-12
3729	475863.09, 3851877.25	8.99E-08	1.42E-11	4.94E-12	8.87E-08	1.40E-11	4.87E-12	8.62E-08	1.36E-11	4.73E-12
3730	476363.09, 3851877.25	9.36E-08	1.47E-11	5.14E-12	9.23E-08	1.45E-11	5.07E-12	8.97E-08	1.41E-11	4.92E-12
3731	476863.09, 3851877.25	9.98E-08	1.57E-11	5.48E-12	9.85E-08	1.55E-11	5.41E-12	9.57E-08	1.51E-11	5.25E-12
3732	477363.09, 3851877.25	1.04E-07	1.64E-11	5.71E-12	1.03E-07	1.62E-11	5.63E-12	9.97E-08	1.57E-11	5.47E-12
3733	477863.09, 3851877.25	1.09E-07	1.71E-11	5.96E-12	1.07E-07	1.69E-11	5.89E-12	1.04E-07	1.64E-11	5.72E-12
3734	478363.09, 3851877.25	1.12E-07	1.76E-11	6.12E-12	1.10E-07	1.73E-11	6.04E-12	1.07E-07	1.68E-11	5.87E-12
3735	478863.09, 3851877.25	1.18E-07	1.86E-11	6.47E-12	1.16E-07	1.83E-11	6.39E-12	1.13E-07	1.78E-11	6.20E-12
3736	479363.09, 3851877.25	1.25E-07	1.96E-11	6.84E-12	1.23E-07	1.94E-11	6.75E-12	1.19E-07	1.88E-11	6.55E-12
3737	479863.09, 3851877.25	1.29E-07	2.04E-11	7.09E-12	1.28E-07	2.01E-11	7.00E-12	1.24E-07	1.95E-11	6.80E-12
3738	480363.09, 3851877.25	1.31E-07	2.06E-11	7.19E-12	1.29E-07	2.04E-11	7.10E-12	1.26E-07	1.98E-11	6.89E-12
3739	480863.09, 3851877.25	1.34E-07	2.11E-11	7.36E-12	1.32E-07	2.08E-11	7.26E-12	1.28E-07	2.02E-11	7.05E-12
3740	481363.09, 3851877.25	1.44E-07	2.27E-11	7.92E-12	1.42E-07	2.24E-11	7.82E-12	1.38E-07	2.18E-11	7.59E-12
3741	481863.09, 3851877.25	1.56E-07	2.45E-11	8.53E-12	1.53E-07	2.42E-11	8.42E-12	1.49E-07	2.35E-11	8.18E-12
3742	482363.09, 3851877.25	1.45E-07	2.29E-11	7.98E-12	1.43E-07	2.26E-11	7.87E-12	1.39E-07	2.19E-11	7.65E-12
3743	482863.09, 3851877.25	1.20E-07	1.89E-11	6.59E-12	1.19E-07	1.87E-11	6.51E-12	1.15E-07	1.81E-11	6.32E-12
3744	483363.09, 3851877.25	1.18E-07	1.86E-11	6.49E-12	1.17E-07	1.84E-11	6.40E-12	1.13E-07	1.78E-11	6.22E-12
3745	483863.09, 3851877.25	1.15E-07	1.81E-11	6.29E-12	1.13E-07	1.78E-11	6.21E-12	1.10E-07	1.73E-11	6.03E-12
3746	484363.09, 3851877.25	1.19E-07	1.87E-11	6.53E-12	1.17E-07	1.85E-11	6.44E-12	1.14E-07	1.80E-11	6.26E-12
3747	484863.09, 3851877.25	1.13E-07	1.77E-11	6.18E-12	1.11E-07	1.75E-11	6.10E-12	1.08E-07	1.70E-11	5.92E-12
3748	485363.09, 3851877.25	1.15E-07	1.80E-11	6.29E-12	1.13E-07	1.78E-11	6.20E-12	1.10E-07	1.73E-11	6.02E-12
3749	485863.09, 3851877.25	1.11E-07	1.75E-11	6.09E-12	1.09E-07	1.72E-11	6.01E-12	1.06E-07	1.67E-11	5.83E-12
3750	486363.09, 3851877.25	9.99E-08	1.57E-11	5.49E-12	9.86E-08	1.55E-11	5.41E-12	9.58E-08	1.51E-11	5.26E-12
3751	486863.09, 3851877.25	9.81E-08	1.55E-11	5.39E-12	9.68E-08	1.53E-11	5.31E-12	9.40E-08	1.48E-11	5.16E-12
3752	487363.09, 3851877.25	9.04E-08	1.42E-11	4.96E-12	8.93E-08	1.41E-11	4.90E-12	8.67E-08	1.37E-11	4.76E-12
3753	487863.09, 3851877.25	7.11E-08	1.12E-11	3.90E-12	7.01E-08	1.10E-11	3.85E-12	6.81E-08	1.07E-11	3.74E-12
3754	488363.09, 3851877.25	6.64E-08	1.05E-11	3.64E-12	6.55E-08	1.03E-11	3.59E-12	6.36E-08	1.00E-11	3.49E-12
3755	488863.09, 3851877.25	5.57E-08	8.77E-12	3.06E-12	5.50E-08	8.66E-12	3.02E-12	5.34E-08	8.41E-12	2.93E-12
3756	489363.09, 3851877.25	5.11E-08	8.06E-12	2.81E-12	5.05E-08	7.95E-12	2.77E-12	4.90E-08	7.72E-12	2.69E-12
3757	489863.09, 3851877.25	4.57E-08	7.20E-12	2.51E-12	4.51E-08	7.10E-12	2.47E-12	4.38E-08	6.90E-12	2.40E-12
3758	490363.09, 3851877.25	4.46E-08	7.03E-12	2.45E-12	4.41E-08	6.94E-12	2.42E-12	4.28E-08	6.74E-12	2.35E-12
3759	490863.09, 3851877.25	4.23E-08	6.66E-12	2.32E-12	4.17E-08	6.58E-12	2.29E-12	4.05E-08	6.39E-12	2.22E-12
3760	491363.09, 3851877.25	4.23E-08	6.66E-12	2.32E-12	4.17E-08	6.58E-12	2.29E-12	4.05E-08	6.39E-12	2.22E-12
3761	491863.09, 3851877.25	3.97E-08	6.25E-12	2.18E-12	3.92E-08	6.17E-12	2.15E-12	3.80E-08	5.99E-12	2.09E-12
3762	492363.09, 3851877.25	3.53E-08	5.56E-12	1.94E-12	3.48E-08	5.48E-12	1.91E-12	3.38E-08	5.32E-12	1.86E-12
3763	492863.09, 3851877.25	3.03E-08	4.78E-12	1.66E-12	2.99E-08	4.71E-12	1.64E-12	2.91E-08	4.58E-12	1.59E-12
3764	493363.09, 3851877.25	3.67E-08	5.78E-12	2.01E-12	3.62E-08	5.71E-12	1.99E-12	3.52E-08	5.54E-12	1.93E-12
3765	493863.09, 3851877.25	4.20E-08	6.62E-12	2.31E-12	4.15E-08	6.54E-12	2.28E-12	4.03E-08	6.35E-12	2.21E-12
3766	494363.09, 3851877.25	4.19E-08	6.60E-12	2.30E-12	4.14E-08	6.52E-12	2.27E-12	4.02E-08	6.33E-12	2.20E-12
3767	494863.09, 3851877.25	4.81E-08	7.59E-12	2.64E-12	4.75E-08	7.49E-12	2.61E-12	4.61E-08	7.27E-12	2.53E-12
3768	495363.09, 3851877.25	5.62E-08	8.86E-12	3.09E-12	5.55E-08	8.74E-12	3.05E-12	5.39E-08	8.49E-12	2.96E-12
3769	495863.09, 3851877.25	6.26E-08	9.86E-12	3.44E-12	6.18E-08	9.73E-12	3.39E-12	6.00E-08	9.45E-12	3.29E-12
3770	496363.09, 3851877.25	6.52E-08	1.03E-11	3.58E-12	6.43E-08	1.01E-11	3.53E-12	6.25E-08	9.84E-12	3.43E-12
3771	496863.09, 3851877.25	6.39E-08	1.01E-11	3.51E-12	6.31E-08	9.93E-12	3.46E-12	6.12E-08	9.65E-12	3.36E-12
3772	497363.09, 3851877.25	6.47E-08	1.02E-11	3.55E-12	6.38E-08	1.01E-11	3.50E-12	6.20E-08	9.76E-12	3.40E-12
3773	497863.09, 3851877.25	6.34E-08	9.98E-12	3.48E-12	6.25E-08	9.85E-12	3.43E-12	6.07E-08	9.57E-12	3.33E-12
3774	498363.09, 3851877.25	6.27E-08	9.88E-12	3.44E-12	6.19E-08	9.75E-12	3.40E-12	6.01E-08	9.47E-12	3.30E-12
3775	471363.09, 3852377.25	5.79E-08	9.12E-12	3.18E-12	5.72E-08	9.00E-12	3.14E-12	5.55E-08	8.74E-12	3.05E-12
3776	471863.09, 3852377.25	6.29E-08	9.90E-12	3.45E-12	6.20E-08	9.77E-12	3.40E-12	6.02E-08	9.49E-12	3.31E-12

3777 472363.09, 3852377.25	6.56E-08	1.03E-11	3.60E-12	6.47E-08	1.02E-11	3.55E-12	6.29E-08	9.90E-12	3.45E-12
3778 472863.09, 3852377.25	6.74E-08	1.06E-11	3.70E-12	6.65E-08	1.05E-11	3.65E-12	6.46E-08	1.02E-11	3.55E-12
3779 473363.09, 3852377.25	6.79E-08	1.07E-11	3.73E-12	6.70E-08	1.06E-11	3.68E-12	6.51E-08	1.03E-11	3.57E-12
3780 473863.09, 3852377.25	6.81E-08	1.07E-11	3.74E-12	6.72E-08	1.06E-11	3.69E-12	6.52E-08	1.03E-11	3.58E-12
3781 474363.09, 3852377.25	6.92E-08	1.09E-11	3.80E-12	6.83E-08	1.08E-11	3.75E-12	6.64E-08	1.05E-11	3.64E-12
3782 474863.09, 3852377.25	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
3783 475363.09, 3852377.25	8.29E-08	1.31E-11	4.55E-12	8.18E-08	1.29E-11	4.49E-12	7.94E-08	1.25E-11	4.36E-12
3784 475863.09, 3852377.25	8.51E-08	1.34E-11	4.67E-12	8.40E-08	1.32E-11	4.61E-12	8.16E-08	1.28E-11	4.48E-12
3785 476363.09, 3852377.25	8.64E-08	1.36E-11	4.74E-12	8.53E-08	1.34E-11	4.68E-12	8.28E-08	1.30E-11	4.55E-12
3786 476863.09, 3852377.25	9.30E-08	1.47E-11	5.11E-12	9.18E-08	1.45E-11	5.04E-12	8.92E-08	1.40E-11	4.89E-12
3787 477363.09, 3852377.25	9.92E-08	1.56E-11	5.44E-12	9.79E-08	1.54E-11	5.37E-12	9.50E-08	1.50E-11	5.22E-12
3788 477863.09, 3852377.25	9.33E-08	1.47E-11	5.12E-12	9.21E-08	1.45E-11	5.05E-12	8.94E-08	1.41E-11	4.91E-12
3789 478363.09, 3852377.25	8.81E-08	1.39E-11	4.84E-12	8.70E-08	1.37E-11	4.77E-12	8.44E-08	1.33E-11	4.63E-12
3790 478863.09, 3852377.25	1.04E-07	1.64E-11	5.71E-12	1.03E-07	1.62E-11	5.64E-12	9.98E-08	1.57E-11	5.48E-12
3791 479363.09, 3852377.25	1.15E-07	1.81E-11	6.30E-12	1.13E-07	1.78E-11	6.22E-12	1.10E-07	1.73E-11	6.04E-12
3792 479863.09, 3852377.25	1.32E-07	2.08E-11	7.26E-12	1.31E-07	2.06E-11	7.17E-12	1.27E-07	2.00E-11	6.96E-12
3793 480363.09, 3852377.25	1.44E-07	2.27E-11	7.92E-12	1.42E-07	2.24E-11	7.82E-12	1.38E-07	2.18E-11	7.59E-12
3794 480863.09, 3852377.25	1.47E-07	2.32E-11	8.07E-12	1.45E-07	2.29E-11	7.97E-12	1.41E-07	2.22E-11	7.73E-12
3795 481363.09, 3852377.25	1.50E-07	2.36E-11	8.23E-12	1.48E-07	2.33E-11	8.12E-12	1.44E-07	2.26E-11	7.89E-12
3796 481863.09, 3852377.25	1.61E-07	2.54E-11	8.83E-12	1.59E-07	2.50E-11	8.72E-12	1.54E-07	2.43E-11	8.47E-12
3797 482363.09, 3852377.25	1.75E-07	2.76E-11	9.60E-12	1.73E-07	2.72E-11	9.47E-12	1.68E-07	2.64E-11	9.20E-12
3798 482863.09, 3852377.25	1.76E-07	2.78E-11	9.68E-12	1.74E-07	2.74E-11	9.56E-12	1.69E-07	2.66E-11	9.28E-12
3799 483363.09, 3852377.25	1.53E-07	2.40E-11	8.37E-12	1.51E-07	2.37E-11	8.26E-12	1.46E-07	2.30E-11	8.02E-12
3800 483863.09, 3852377.25	1.29E-07	2.03E-11	7.08E-12	1.27E-07	2.01E-11	6.99E-12	1.24E-07	1.95E-11	6.79E-12
3801 484363.09, 3852377.25	1.44E-07	2.27E-11	7.92E-12	1.42E-07	2.24E-11	7.82E-12	1.38E-07	2.18E-11	7.59E-12
3802 484863.09, 3852377.25	1.45E-07	2.29E-11	7.96E-12	1.43E-07	2.26E-11	7.86E-12	1.39E-07	2.19E-11	7.63E-12
3803 485363.09, 3852377.25	1.50E-07	2.37E-11	8.24E-12	1.48E-07	2.33E-11	8.13E-12	1.44E-07	2.27E-11	7.90E-12
3804 485863.09, 3852377.25	1.36E-07	2.15E-11	7.48E-12	1.35E-07	2.12E-11	7.39E-12	1.31E-07	2.06E-11	7.17E-12
3805 486363.09, 3852377.25	1.14E-07	1.79E-11	6.24E-12	1.12E-07	1.77E-11	6.15E-12	1.09E-07	1.72E-11	5.98E-12
3806 486863.09, 3852377.25	1.06E-07	1.67E-11	5.82E-12	1.05E-07	1.65E-11	5.74E-12	1.02E-07	1.60E-11	5.58E-12
3807 487363.09, 3852377.25	9.45E-08	1.49E-11	5.19E-12	9.32E-08	1.47E-11	5.12E-12	9.05E-08	1.43E-11	4.97E-12
3808 487863.09, 3852377.25	7.94E-08	1.25E-11	4.36E-12	7.83E-08	1.23E-11	4.30E-12	7.61E-08	1.20E-11	4.18E-12
3809 488363.09, 3852377.25	6.66E-08	1.05E-11	3.66E-12	6.58E-08	1.04E-11	3.61E-12	6.39E-08	1.01E-11	3.50E-12
3810 488863.09, 3852377.25	5.39E-08	8.49E-12	2.96E-12	5.32E-08	8.38E-12	2.92E-12	5.16E-08	8.13E-12	2.83E-12
3811 489363.09, 3852377.25	4.88E-08	7.69E-12	2.68E-12	4.82E-08	7.59E-12	2.64E-12	4.68E-08	7.37E-12	2.57E-12
3812 489863.09, 3852377.25	4.23E-08	6.66E-12	2.32E-12	4.17E-08	6.58E-12	2.29E-12	4.05E-08	6.39E-12	2.22E-12
3813 490363.09, 3852377.25	4.41E-08	6.95E-12	2.42E-12	4.35E-08	6.86E-12	2.39E-12	4.23E-08	6.66E-12	2.32E-12
3814 490863.09, 3852377.25	4.46E-08	7.03E-12	2.45E-12	4.41E-08	6.94E-12	2.42E-12	4.28E-08	6.74E-12	2.35E-12
3815 491363.09, 3852377.25	5.15E-08	8.12E-12	2.83E-12	5.09E-08	8.01E-12	2.79E-12	4.94E-08	7.78E-12	2.71E-12
3816 491863.09, 3852377.25	4.84E-08	7.63E-12	2.66E-12	4.78E-08	7.53E-12	2.62E-12	4.64E-08	7.31E-12	2.55E-12
3817 492363.09, 3852377.25	4.57E-08	7.20E-12	2.51E-12	4.51E-08	7.10E-12	2.47E-12	4.38E-08	6.90E-12	2.40E-12
3818 492863.09, 3852377.25	5.02E-08	7.91E-12	2.76E-12	4.96E-08	7.81E-12	2.72E-12	4.81E-08	7.58E-12	2.64E-12
3819 493363.09, 3852377.25	5.79E-08	9.12E-12	3.18E-12	5.72E-08	9.00E-12	3.14E-12	5.55E-08	8.74E-12	3.05E-12
3820 493863.09, 3852377.25	5.47E-08	8.61E-12	3.00E-12	5.39E-08	8.50E-12	2.96E-12	5.24E-08	8.25E-12	2.87E-12
3821 494363.09, 3852377.25	5.99E-08	9.43E-12	3.29E-12	5.91E-08	9.31E-12	3.24E-12	5.74E-08	9.04E-12	3.15E-12
3822 494863.09, 3852377.25	6.62E-08	1.04E-11	3.64E-12	6.54E-08	1.03E-11	3.59E-12	6.35E-08	1.00E-11	3.48E-12
3823 495363.09, 3852377.25	7.68E-08	1.21E-11	4.21E-12	7.58E-08	1.19E-11	4.16E-12	7.36E-08	1.16E-11	4.04E-12
3824 495863.09, 3852377.25	7.95E-08	1.25E-11	4.36E-12	7.85E-08	1.24E-11	4.31E-12	7.62E-08	1.20E-11	4.18E-12
3825 496363.09, 3852377.25	7.64E-08	1.20E-11	4.19E-12	7.54E-08	1.19E-11	4.14E-12	7.32E-08	1.15E-11	4.02E-12
3826 496863.09, 3852377.25	7.77E-08	1.22E-11	4.26E-12	7.67E-08	1.21E-11	4.21E-12	7.45E-08	1.17E-11	4.09E-12
3827 497363.09, 3852377.25	7.47E-08	1.18E-11	4.10E-12	7.37E-08	1.16E-11	4.05E-12	7.16E-08	1.13E-11	3.93E-12
3828 497863.09, 3852377.25	7.25E-08	1.14E-11	3.98E-12	7.15E-08	1.13E-11	3.93E-12	6.95E-08	1.09E-11	3.81E-12
3829 498363.09, 3852377.25	7.37E-08	1.16E-11	4.04E-12	7.27E-08	1.15E-11	3.99E-12	7.06E-08	1.11E-11	3.87E-12
3830 471363.09, 3852877.25	6.09E-08	9.59E-12	3.34E-12	6.01E-08	9.47E-12	3.30E-12	5.84E-08	9.20E-12	3.20E-12
3831 471863.09, 3852877.25	6.58E-08	1.04E-11	3.61E-12	6.50E-08	1.02E-11	3.57E-12	6.31E-08	9.94E-12	3.46E-12
3832 472363.09, 3852877.25	7.03E-08	1.11E-11	3.86E-12	6.94E-08	1.09E-11	3.81E-12	6.73E-08	1.06E-11	3.70E-12
3833 472863.09, 3852877.25	7.35E-08	1.16E-11	4.04E-12	7.26E-08	1.14E-11	3.98E-12	7.05E-08	1.11E-11	3.87E-12
3834 473363.09, 3852877.25	7.66E-08	1.21E-11	4.21E-12	7.56E-08	1.19E-11	4.15E-12	7.35E-08	1.16E-11	4.03E-12
3835 473863.09, 3852877.25	7.99E-08	1.26E-11	4.39E-12	7.89E-08	1.24E-11	4.33E-12	7.66E-08	1.21E-11	4.20E-12
3836 474363.09, 3852877.25	8.24E-08	1.30E-11	4.52E-12	8.13E-08	1.28E-11	4.46E-12	7.89E-08	1.24E-11	4.33E-12
3837 474863.09, 3852877.25	7.86E-08	1.24E-11	4.31E-12	7.76E-08	1.22E-11	4.26E-12	7.53E-08	1.19E-11	4.13E-12
3838 475363.09, 3852877.25	8.26E-08	1.30E-11	4.54E-12	8.16E-08	1.28E-11	4.48E-12	7.92E-08	1.25E-11	4.35E-12
3839 475863.09, 3852877.25	8.45E-08	1.33E-11	4.64E-12	8.34E-08	1.31E-11	4.57E-12	8.09E-08	1.28E-11	4.44E-12
3840 476363.09, 3852877.25	8.28E-08	1.30E-11	4.54E-12	8.17E-08	1.29E-11	4.48E-12	7.93E-08	1.25E-11	4.35E-12
3841 476863.09, 3852877.25	7.78E-08	1.23E-11	4.27E-12	7.68E-08	1.21E-11	4.22E-12	7.46E-08	1.17E-11	4.09E-12
3842 477363.09, 3852877.25	7.42E-08	1.17E-11	4.07E-12	7.32E-08	1.15E-11	4.02E-12	7.11E-08	1.12E-11	3.90E-12
3843 477863.09, 3852877.25	7.08E-08	1.12E-11	3.89E-12	6.99E-08	1.10E-11	3.83E-12	6.78E-08	1.07E-11	3.72E-12
3844 478363.09, 3852877.25	5.91E-08	9.31E-12	3.24E-12	5.83E-08	9.19E-12	3.20E-12	5.66E-08	8.92E-12	3.11E-12
3845 478863.09, 3852877.25	6.90E-08	1.09E-11	3.79E-12	6.81E-08	1.07E-11	3.74E-12	6.61E-08	1.04E-11	3.63E-12
3846 479363.09, 3852877.25	8.86E-08	1.40E-11	4.86E-12	8.75E-08	1.38E-11	4.80E-12	8.49E-08	1.34E-11	4.66E-12

3847 479863.09, 3852877.25	1.27E-07	2.00E-11	6.96E-12	1.25E-07	1.97E-11	6.87E-12	1.21E-07	1.91E-11	6.67E-12
3848 480363.09, 3852877.25	1.52E-07	2.40E-11	8.35E-12	1.50E-07	2.37E-11	8.24E-12	1.46E-07	2.30E-11	8.00E-12
3849 480863.09, 3852877.25	1.59E-07	2.51E-11	8.73E-12	1.57E-07	2.47E-11	8.61E-12	1.52E-07	2.40E-11	8.36E-12
3850 481363.09, 3852877.25	1.67E-07	2.64E-11	9.19E-12	1.65E-07	2.60E-11	9.07E-12	1.61E-07	2.53E-11	8.81E-12
3851 481863.09, 3852877.25	1.70E-07	2.68E-11	9.35E-12	1.68E-07	2.65E-11	9.23E-12	1.63E-07	2.57E-11	8.96E-12
3852 482363.09, 3852877.25	1.81E-07	2.85E-11	9.94E-12	1.79E-07	2.82E-11	9.81E-12	1.74E-07	2.73E-11	9.53E-12
3853 482863.09, 3852877.25	1.98E-07	3.12E-11	1.09E-11	1.96E-07	3.08E-11	1.07E-11	1.90E-07	2.99E-11	1.04E-11
3854 483363.09, 3852877.25	1.99E-07	3.14E-11	1.09E-11	1.97E-07	3.10E-11	1.08E-11	1.91E-07	3.01E-11	1.05E-11
3855 483863.09, 3852877.25	1.67E-07	2.62E-11	9.14E-12	1.64E-07	2.59E-11	9.02E-12	1.60E-07	2.51E-11	8.76E-12
3856 484363.09, 3852877.25	1.72E-07	2.72E-11	9.46E-12	1.70E-07	2.68E-11	9.34E-12	1.65E-07	2.60E-11	9.07E-12
3857 484863.09, 3852877.25	1.82E-07	2.86E-11	9.96E-12	1.79E-07	2.82E-11	9.83E-12	1.74E-07	2.74E-11	9.55E-12
3858 485363.09, 3852877.25	1.46E-07	2.30E-11	8.01E-12	1.44E-07	2.27E-11	7.90E-12	1.40E-07	2.20E-11	7.67E-12
3859 485863.09, 3852877.25	1.31E-07	2.07E-11	7.20E-12	1.29E-07	2.04E-11	7.11E-12	1.26E-07	1.98E-11	6.90E-12
3860 486363.09, 3852877.25	1.10E-07	1.73E-11	6.02E-12	1.08E-07	1.71E-11	5.94E-12	1.05E-07	1.66E-11	5.77E-12
3861 486863.09, 3852877.25	1.01E-07	1.60E-11	5.56E-12	1.00E-07	1.58E-11	5.49E-12	9.72E-08	1.53E-11	5.33E-12
3862 487363.09, 3852877.25	8.80E-08	1.39E-11	4.83E-12	8.68E-08	1.37E-11	4.77E-12	8.43E-08	1.33E-11	4.63E-12
3863 487863.09, 3852877.25	7.83E-08	1.23E-11	4.30E-12	7.73E-08	1.22E-11	4.24E-12	7.51E-08	1.18E-11	4.12E-12
3864 488363.09, 3852877.25	5.27E-08	8.30E-12	2.89E-12	5.20E-08	8.19E-12	2.85E-12	5.05E-08	7.96E-12	2.77E-12
3865 488863.09, 3852877.25	5.18E-08	8.16E-12	2.84E-12	5.11E-08	8.05E-12	2.81E-12	4.96E-08	7.82E-12	2.72E-12
3866 489363.09, 3852877.25	5.08E-08	8.00E-12	2.79E-12	5.01E-08	7.89E-12	2.75E-12	4.86E-08	7.66E-12	2.67E-12
3867 489863.09, 3852877.25	4.92E-08	7.75E-12	2.70E-12	4.85E-08	7.65E-12	2.66E-12	4.71E-08	7.43E-12	2.59E-12
3868 490363.09, 3852877.25	5.90E-08	9.29E-12	3.24E-12	5.82E-08	9.17E-12	3.19E-12	5.65E-08	8.90E-12	3.10E-12
3869 490863.09, 3852877.25	6.38E-08	1.00E-11	3.50E-12	6.29E-08	9.91E-12	3.45E-12	6.11E-08	9.63E-12	3.35E-12
3870 491363.09, 3852877.25	6.61E-08	1.04E-11	3.63E-12	6.52E-08	1.03E-11	3.58E-12	6.34E-08	9.98E-12	3.48E-12
3871 491863.09, 3852877.25	6.21E-08	9.78E-12	3.41E-12	6.13E-08	9.65E-12	3.36E-12	5.95E-08	9.37E-12	3.27E-12
3872 492363.09, 3852877.25	6.29E-08	9.90E-12	3.45E-12	6.20E-08	9.77E-12	3.40E-12	6.02E-08	9.49E-12	3.31E-12
3873 492863.09, 3852877.25	7.12E-08	1.12E-11	3.91E-12	7.03E-08	1.11E-11	3.86E-12	6.82E-08	1.07E-11	3.74E-12
3874 493363.09, 3852877.25	7.63E-08	1.20E-11	4.19E-12	7.53E-08	1.19E-11	4.13E-12	7.31E-08	1.15E-11	4.01E-12
3875 493863.09, 3852877.25	8.02E-08	1.26E-11	4.40E-12	7.91E-08	1.25E-11	4.34E-12	7.68E-08	1.21E-11	4.22E-12
3876 494363.09, 3852877.25	8.02E-08	1.26E-11	4.40E-12	7.91E-08	1.25E-11	4.34E-12	7.68E-08	1.21E-11	4.22E-12
3877 494863.09, 3852877.25	9.24E-08	1.46E-11	5.07E-12	9.12E-08	1.44E-11	5.00E-12	8.86E-08	1.39E-11	4.86E-12
3878 495363.09, 3852877.25	9.49E-08	1.49E-11	5.21E-12	9.36E-08	1.47E-11	5.14E-12	9.09E-08	1.43E-11	4.99E-12
3879 495863.09, 3852877.25	9.10E-08	1.43E-11	4.99E-12	8.98E-08	1.41E-11	4.93E-12	8.72E-08	1.37E-11	4.78E-12
3880 496363.09, 3852877.25	9.47E-08	1.49E-11	5.20E-12	9.35E-08	1.47E-11	5.13E-12	9.08E-08	1.43E-11	4.98E-12
3881 496863.09, 3852877.25	9.70E-08	1.53E-11	5.32E-12	9.57E-08	1.51E-11	5.25E-12	9.29E-08	1.46E-11	5.10E-12
3882 497363.09, 3852877.25	9.04E-08	1.42E-11	4.96E-12	8.93E-08	1.41E-11	4.90E-12	8.67E-08	1.37E-11	4.76E-12
3883 497863.09, 3852877.25	8.07E-08	1.27E-11	4.43E-12	7.96E-08	1.25E-11	4.37E-12	7.73E-08	1.22E-11	4.24E-12
3884 498363.09, 3852877.25	8.69E-08	1.37E-11	4.77E-12	8.58E-08	1.35E-11	4.71E-12	8.33E-08	1.31E-11	4.57E-12
3885 471363.09, 3853377.25	6.14E-08	9.68E-12	3.37E-12	6.06E-08	9.55E-12	3.33E-12	5.89E-08	9.27E-12	3.23E-12
3886 471863.09, 3853377.25	6.61E-08	1.04E-11	3.63E-12	6.52E-08	1.03E-11	3.58E-12	6.34E-08	9.98E-12	3.48E-12
3887 472363.09, 3853377.25	7.08E-08	1.12E-11	3.89E-12	6.99E-08	1.10E-11	3.83E-12	6.78E-08	1.07E-11	3.72E-12
3888 472863.09, 3853377.25	7.55E-08	1.19E-11	4.14E-12	7.45E-08	1.17E-11	4.09E-12	7.23E-08	1.14E-11	3.97E-12
3889 473363.09, 3853377.25	7.90E-08	1.24E-11	4.34E-12	7.80E-08	1.23E-11	4.28E-12	7.57E-08	1.19E-11	4.15E-12
3890 473863.09, 3853377.25	8.26E-08	1.30E-11	4.54E-12	8.16E-08	1.28E-11	4.48E-12	7.92E-08	1.25E-11	4.35E-12
3891 474363.09, 3853377.25	8.56E-08	1.35E-11	4.70E-12	8.45E-08	1.33E-11	4.64E-12	8.21E-08	1.29E-11	4.50E-12
3892 474863.09, 3853377.25	8.46E-08	1.33E-11	4.64E-12	8.35E-08	1.32E-11	4.58E-12	8.11E-08	1.28E-11	4.45E-12
3893 475363.09, 3853377.25	8.41E-08	1.32E-11	4.61E-12	8.30E-08	1.31E-11	4.55E-12	8.06E-08	1.27E-11	4.42E-12
3894 475863.09, 3853377.25	8.28E-08	1.30E-11	4.54E-12	8.17E-08	1.29E-11	4.48E-12	7.93E-08	1.25E-11	4.35E-12
3895 476363.09, 3853377.25	7.78E-08	1.23E-11	4.27E-12	7.68E-08	1.21E-11	4.22E-12	7.46E-08	1.17E-11	4.09E-12
3896 476863.09, 3853377.25	6.96E-08	1.10E-11	3.82E-12	6.87E-08	1.08E-11	3.77E-12	6.67E-08	1.05E-11	3.66E-12
3897 477363.09, 3853377.25	6.81E-08	1.07E-11	3.74E-12	6.72E-08	1.06E-11	3.69E-12	6.52E-08	1.03E-11	3.58E-12
3898 477863.09, 3853377.25	6.83E-08	1.08E-11	3.75E-12	6.74E-08	1.06E-11	3.70E-12	6.55E-08	1.03E-11	3.59E-12
3899 478363.09, 3853377.25	5.99E-08	9.43E-12	3.29E-12	5.91E-08	9.31E-12	3.24E-12	5.74E-08	9.04E-12	3.15E-12
3900 478863.09, 3853377.25	4.74E-08	7.46E-12	2.60E-12	4.68E-08	7.36E-12	2.57E-12	4.54E-08	7.15E-12	2.49E-12
3901 479363.09, 3853377.25	7.64E-08	1.20E-11	4.19E-12	7.54E-08	1.19E-11	4.14E-12	7.32E-08	1.15E-11	4.02E-12
3902 479863.09, 3853377.25	1.05E-07	1.65E-11	5.76E-12	1.04E-07	1.63E-11	5.69E-12	1.01E-07	1.59E-11	5.52E-12
3903 480363.09, 3853377.25	1.45E-07	2.29E-11	7.98E-12	1.43E-07	2.26E-11	7.87E-12	1.39E-07	2.19E-11	7.65E-12
3904 480863.09, 3853377.25	1.47E-07	2.32E-11	8.08E-12	1.45E-07	2.29E-11	7.97E-12	1.41E-07	2.22E-11	7.74E-12
3905 481363.09, 3853377.25	1.74E-07	2.75E-11	9.57E-12	1.72E-07	2.71E-11	9.45E-12	1.67E-07	2.63E-11	9.17E-12
3906 481863.09, 3853377.25	1.92E-07	3.02E-11	1.05E-11	1.89E-07	2.98E-11	1.04E-11	1.84E-07	2.89E-11	1.01E-11
3907 482363.09, 3853377.25	1.96E-07	3.08E-11	1.07E-11	1.93E-07	3.04E-11	1.06E-11	1.87E-07	2.95E-11	1.03E-11
3908 482863.09, 3853377.25	2.05E-07	3.23E-11	1.13E-11	2.02E-07	3.19E-11	1.11E-11	1.97E-07	3.10E-11	1.08E-11
3909 483363.09, 3853377.25	2.18E-07	3.44E-11	1.20E-11	2.15E-07	3.39E-11	1.18E-11	2.09E-07	3.29E-11	1.15E-11
3910 483863.09, 3853377.25	2.24E-07	3.52E-11	1.23E-11	2.21E-07	3.48E-11	1.21E-11	2.14E-07	3.38E-11	1.18E-11
3911 484363.09, 3853377.25	2.19E-07	3.46E-11	1.20E-11	2.17E-07	3.41E-11	1.19E-11	2.10E-07	3.31E-11	1.15E-11
3912 484863.09, 3853377.25	1.90E-07	2.99E-11	1.04E-11	1.87E-07	2.95E-11	1.03E-11	1.82E-07	2.87E-11	9.99E-12
3913 485363.09, 3853377.25	1.44E-07	2.26E-11	7.88E-12	1.42E-07	2.23E-11	7.77E-12	1.38E-07	2.17E-11	7.55E-12
3914 485863.09, 3853377.25	1.05E-07	1.65E-11	5.76E-12	1.04E-07	1.63E-11	5.68E-12	1.01E-07	1.58E-11	5.52E-12
3915 486363.09, 3853377.25	1.05E-07	1.66E-11	5.77E-12	1.04E-07	1.63E-11	5.70E-12	1.01E-07	1.59E-11	5.53E-12
3916 486863.09, 3853377.25	1.01E-07	1.59E-11	5.54E-12	9.95E-08	1.57E-11	5.46E-12	9.67E-08	1.52E-11	5.30E-12

3917	487363.09, 3853377.25	1.05E-07	1.65E-11	5.75E-12	1.03E-07	1.63E-11	5.67E-12	1.00E-07	1.58E-11	5.51E-12
3918	487863.09, 3853377.25	1.03E-07	1.63E-11	5.66E-12	1.02E-07	1.60E-11	5.59E-12	9.89E-08	1.56E-11	5.43E-12
3919	488363.09, 3853377.25	1.10E-07	1.73E-11	6.02E-12	1.08E-07	1.71E-11	5.94E-12	1.05E-07	1.66E-11	5.77E-12
3920	488863.09, 3853377.25	1.01E-07	1.59E-11	5.54E-12	9.97E-08	1.57E-11	5.47E-12	9.68E-08	1.52E-11	5.31E-12
3921	489363.09, 3853377.25	9.25E-08	1.46E-11	5.08E-12	9.13E-08	1.44E-11	5.01E-12	8.87E-08	1.40E-11	4.87E-12
3922	489863.09, 3853377.25	8.28E-08	1.30E-11	4.54E-12	8.17E-08	1.29E-11	4.48E-12	7.93E-08	1.25E-11	4.35E-12
3923	490363.09, 3853377.25	8.43E-08	1.33E-11	4.63E-12	8.32E-08	1.31E-11	4.57E-12	8.08E-08	1.27E-11	4.44E-12
3924	490863.09, 3853377.25	8.69E-08	1.37E-11	4.77E-12	8.58E-08	1.35E-11	4.71E-12	8.33E-08	1.31E-11	4.57E-12
3925	491363.09, 3853377.25	8.69E-08	1.37E-11	4.77E-12	8.58E-08	1.35E-11	4.71E-12	8.33E-08	1.31E-11	4.57E-12
3926	491863.09, 3853377.25	8.47E-08	1.33E-11	4.65E-12	8.36E-08	1.32E-11	4.59E-12	8.12E-08	1.28E-11	4.46E-12
3927	492363.09, 3853377.25	8.99E-08	1.42E-11	4.94E-12	8.87E-08	1.40E-11	4.87E-12	8.62E-08	1.36E-11	4.73E-12
3928	492863.09, 3853377.25	1.03E-07	1.62E-11	5.63E-12	1.01E-07	1.59E-11	5.55E-12	9.83E-08	1.55E-11	5.39E-12
3929	493363.09, 3853377.25	1.04E-07	1.63E-11	5.69E-12	1.02E-07	1.61E-11	5.61E-12	9.93E-08	1.56E-11	5.45E-12
3930	493863.09, 3853377.25	1.11E-07	1.75E-11	6.10E-12	1.10E-07	1.73E-11	6.02E-12	1.07E-07	1.68E-11	5.85E-12
3931	494363.09, 3853377.25	1.13E-07	1.78E-11	6.21E-12	1.12E-07	1.76E-11	6.13E-12	1.08E-07	1.71E-11	5.95E-12
3932	494863.09, 3853377.25	1.17E-07	1.84E-11	6.42E-12	1.15E-07	1.82E-11	6.34E-12	1.12E-07	1.77E-11	6.15E-12
3933	495363.09, 3853377.25	1.19E-07	1.87E-11	6.53E-12	1.17E-07	1.85E-11	6.44E-12	1.14E-07	1.80E-11	6.26E-12
3934	495863.09, 3853377.25	1.19E-07	1.87E-11	6.51E-12	1.17E-07	1.85E-11	6.43E-12	1.14E-07	1.79E-11	6.24E-12
3935	496363.09, 3853377.25	1.18E-07	1.85E-11	6.45E-12	1.16E-07	1.83E-11	6.37E-12	1.13E-07	1.77E-11	6.18E-12
3936	496863.09, 3853377.25	1.15E-07	1.80E-11	6.29E-12	1.13E-07	1.78E-11	6.20E-12	1.10E-07	1.73E-11	6.02E-12
3937	497363.09, 3853377.25	1.12E-07	1.76E-11	6.14E-12	1.10E-07	1.74E-11	6.06E-12	1.07E-07	1.69E-11	5.88E-12
3938	497863.09, 3853377.25	9.30E-08	1.47E-11	5.11E-12	9.18E-08	1.45E-11	5.04E-12	8.92E-08	1.40E-11	4.89E-12
3939	498363.09, 3853377.25	8.77E-08	1.38E-11	4.81E-12	8.66E-08	1.36E-11	4.75E-12	8.41E-08	1.32E-11	4.61E-12
3940	471363.09, 3853877.25	6.36E-08	1.00E-11	3.49E-12	6.28E-08	9.89E-12	3.45E-12	6.10E-08	9.61E-12	3.35E-12
3941	471863.09, 3853877.25	6.79E-08	1.07E-11	3.73E-12	6.70E-08	1.06E-11	3.68E-12	6.51E-08	1.03E-11	3.57E-12
3942	472363.09, 3853877.25	7.07E-08	1.11E-11	3.88E-12	6.97E-08	1.10E-11	3.83E-12	6.77E-08	1.07E-11	3.72E-12
3943	472863.09, 3853877.25	7.46E-08	1.17E-11	4.09E-12	7.36E-08	1.16E-11	4.04E-12	7.15E-08	1.13E-11	3.92E-12
3944	473363.09, 3853877.25	7.77E-08	1.22E-11	4.26E-12	7.67E-08	1.21E-11	4.21E-12	7.45E-08	1.17E-11	4.09E-12
3945	473863.09, 3853877.25	8.12E-08	1.28E-11	4.46E-12	8.01E-08	1.26E-11	4.40E-12	7.78E-08	1.23E-11	4.27E-12
3946	474363.09, 3853877.25	8.56E-08	1.35E-11	4.70E-12	8.45E-08	1.33E-11	4.64E-12	8.21E-08	1.29E-11	4.50E-12
3947	474863.09, 3853877.25	8.89E-08	1.40E-11	4.88E-12	8.77E-08	1.38E-11	4.81E-12	8.52E-08	1.34E-11	4.68E-12
3948	475363.09, 3853877.25	8.77E-08	1.38E-11	4.81E-12	8.66E-08	1.36E-11	4.75E-12	8.41E-08	1.32E-11	4.61E-12
3949	475863.09, 3853877.25	7.95E-08	1.25E-11	4.36E-12	7.85E-08	1.24E-11	4.31E-12	7.62E-08	1.20E-11	4.18E-12
3950	476363.09, 3853877.25	6.95E-08	1.09E-11	3.81E-12	6.86E-08	1.08E-11	3.76E-12	6.66E-08	1.05E-11	3.66E-12
3951	476863.09, 3853877.25	5.63E-08	8.88E-12	3.09E-12	5.56E-08	8.76E-12	3.05E-12	5.40E-08	8.51E-12	2.96E-12
3952	477363.09, 3853877.25	5.91E-08	9.31E-12	3.24E-12	5.83E-08	9.19E-12	3.20E-12	5.66E-08	8.92E-12	3.11E-12
3953	477863.09, 3853877.25	6.43E-08	1.01E-11	3.53E-12	6.34E-08	1.00E-11	3.48E-12	6.16E-08	9.71E-12	3.38E-12
3954	478363.09, 3853877.25	6.58E-08	1.04E-11	3.61E-12	6.50E-08	1.02E-11	3.57E-12	6.31E-08	9.94E-12	3.46E-12
3955	478863.09, 3853877.25	4.75E-08	7.48E-12	2.61E-12	4.69E-08	7.39E-12	2.57E-12	4.55E-08	7.17E-12	2.50E-12
3956	479363.09, 3853877.25	6.26E-08	9.86E-12	3.44E-12	6.18E-08	9.73E-12	3.39E-12	6.00E-08	9.45E-12	3.29E-12
3957	479863.09, 3853877.25	1.02E-07	1.60E-11	5.58E-12	1.00E-07	1.58E-11	5.51E-12	9.74E-08	1.53E-11	5.35E-12
3958	480363.09, 3853877.25	1.32E-07	2.07E-11	7.23E-12	1.30E-07	2.05E-11	7.13E-12	1.26E-07	1.99E-11	6.93E-12
3959	480863.09, 3853877.25	1.69E-07	2.67E-11	9.29E-12	1.67E-07	2.63E-11	9.17E-12	1.62E-07	2.56E-11	8.91E-12
3960	481363.09, 3853877.25	1.91E-07	3.01E-11	1.05E-11	1.88E-07	2.97E-11	1.03E-11	1.83E-07	2.88E-11	1.00E-11
3961	481863.09, 3853877.25	2.13E-07	3.35E-11	1.17E-11	2.10E-07	3.30E-11	1.15E-11	2.04E-07	3.21E-11	1.12E-11
3962	482363.09, 3853877.25	2.22E-07	3.49E-11	1.22E-11	2.19E-07	3.45E-11	1.20E-11	2.12E-07	3.35E-11	1.17E-11
3963	482863.09, 3853877.25	2.22E-07	3.50E-11	1.22E-11	2.19E-07	3.46E-11	1.20E-11	2.13E-07	3.36E-11	1.17E-11
3964	483363.09, 3853877.25	2.23E-07	3.51E-11	1.22E-11	2.20E-07	3.47E-11	1.21E-11	2.14E-07	3.37E-11	1.17E-11
3965	483863.09, 3853877.25	2.50E-07	3.93E-11	1.37E-11	2.46E-07	3.88E-11	1.35E-11	2.39E-07	3.77E-11	1.31E-11
3966	484363.09, 3853877.25	2.42E-07	3.82E-11	1.33E-11	2.39E-07	3.77E-11	1.31E-11	2.32E-07	3.66E-11	1.28E-11
3967	484863.09, 3853877.25	1.92E-07	3.03E-11	1.06E-11	1.90E-07	2.99E-11	1.04E-11	1.84E-07	2.90E-11	1.01E-11
3968	485363.09, 3853877.25	1.35E-07	2.13E-11	7.42E-12	1.33E-07	2.10E-11	7.32E-12	1.30E-07	2.04E-11	7.11E-12
3969	485863.09, 3853877.25	1.46E-07	2.31E-11	8.03E-12	1.44E-07	2.28E-11	7.93E-12	1.40E-07	2.21E-11	7.70E-12
3970	486363.09, 3853877.25	1.41E-07	2.22E-11	7.73E-12	1.39E-07	2.19E-11	7.63E-12	1.35E-07	2.13E-11	7.41E-12
3971	486863.09, 3853877.25	1.27E-07	2.00E-11	6.98E-12	1.25E-07	1.98E-11	6.89E-12	1.22E-07	1.92E-11	6.69E-12
3972	487363.09, 3853877.25	1.31E-07	2.07E-11	7.20E-12	1.29E-07	2.04E-11	7.11E-12	1.26E-07	1.98E-11	6.90E-12
3973	487863.09, 3853877.25	1.48E-07	2.34E-11	8.14E-12	1.46E-07	2.31E-11	8.04E-12	1.42E-07	2.24E-11	7.80E-12
3974	488363.09, 3853877.25	1.53E-07	2.41E-11	8.41E-12	1.51E-07	2.38E-11	8.30E-12	1.47E-07	2.31E-11	8.06E-12
3975	488863.09, 3853877.25	1.62E-07	2.55E-11	8.90E-12	1.60E-07	2.52E-11	8.78E-12	1.55E-07	2.45E-11	8.53E-12
3976	489363.09, 3853877.25	1.47E-07	2.32E-11	8.08E-12	1.45E-07	2.29E-11	7.97E-12	1.41E-07	2.22E-11	7.74E-12
3977	489863.09, 3853877.25	1.38E-07	2.17E-11	7.56E-12	1.36E-07	2.14E-11	7.46E-12	1.32E-07	2.08E-11	7.25E-12
3978	490363.09, 3853877.25	1.28E-07	2.02E-11	7.05E-12	1.27E-07	2.00E-11	6.96E-12	1.23E-07	1.94E-11	6.76E-12
3979	490863.09, 3853877.25	1.26E-07	1.99E-11	6.94E-12	1.25E-07	1.96E-11	6.84E-12	1.21E-07	1.91E-11	6.65E-12
3980	491363.09, 3853877.25	1.27E-07	2.00E-11	6.96E-12	1.25E-07	1.97E-11	6.87E-12	1.21E-07	1.91E-11	6.67E-12
3981	491863.09, 3853877.25	1.25E-07	1.97E-11	6.88E-12	1.24E-07	1.95E-11	6.79E-12	1.20E-07	1.89E-11	6.59E-12
3982	492363.09, 3853877.25	1.33E-07	2.09E-11	7.29E-12	1.31E-07	2.07E-11	7.20E-12	1.27E-07	2.01E-11	6.99E-12
3983	492863.09, 3853877.25	1.48E-07	2.34E-11	8.14E-12	1.46E-07	2.31E-11	8.04E-12	1.42E-07	2.24E-11	7.80E-12
3984	493363.09, 3853877.25	1.54E-07	2.42E-11	8.43E-12	1.52E-07	2.39E-11	8.32E-12	1.47E-07	2.32E-11	8.08E-12
3985	493863.09, 3853877.25	1.48E-07	2.33E-11	8.12E-12	1.46E-07	2.30E-11	8.01E-12	1.42E-07	2.23E-11	7.78E-12
3986	494363.09, 3853877.25	1.66E-07	2.62E-11	9.11E-12	1.64E-07	2.58E-11	8.99E-12	1.59E-07	2.51E-11	8.73E-12

3987	494863.09, 3853877.25	1.66E-07	2.61E-11	9.08E-12	1.63E-07	2.57E-11	8.97E-12	1.59E-07	2.50E-11	8.71E-12
3988	495363.09, 3853877.25	1.45E-07	2.28E-11	7.96E-12	1.43E-07	2.25E-11	7.85E-12	1.39E-07	2.19E-11	7.63E-12
3989	495863.09, 3853877.25	1.38E-07	2.18E-11	7.60E-12	1.37E-07	2.15E-11	7.50E-12	1.33E-07	2.09E-11	7.28E-12
3990	496363.09, 3853877.25	1.46E-07	2.30E-11	8.00E-12	1.44E-07	2.27E-11	7.89E-12	1.40E-07	2.20E-11	7.67E-12
3991	496863.09, 3853877.25	1.47E-07	2.31E-11	8.04E-12	1.45E-07	2.28E-11	7.94E-12	1.40E-07	2.21E-11	7.71E-12
3992	497363.09, 3853877.25	1.46E-07	2.30E-11	8.03E-12	1.44E-07	2.27E-11	7.92E-12	1.40E-07	2.21E-11	7.69E-12
3993	497863.09, 3853877.25	1.35E-07	2.12E-11	7.39E-12	1.33E-07	2.09E-11	7.30E-12	1.29E-07	2.03E-11	7.08E-12
3994	498363.09, 3853877.25	1.31E-07	2.06E-11	7.19E-12	1.29E-07	2.04E-11	7.10E-12	1.26E-07	1.98E-11	6.89E-12
3995	471363.09, 3854377.25	6.83E-08	1.08E-11	3.75E-12	6.74E-08	1.06E-11	3.70E-12	6.55E-08	1.03E-11	3.59E-12
3996	471863.09, 3854377.25	7.26E-08	1.14E-11	3.99E-12	7.17E-08	1.13E-11	3.93E-12	6.96E-08	1.10E-11	3.82E-12
3997	472363.09, 3854377.25	7.53E-08	1.19E-11	4.14E-12	7.44E-08	1.17E-11	4.08E-12	7.22E-08	1.14E-11	3.96E-12
3998	472863.09, 3854377.25	7.73E-08	1.22E-11	4.24E-12	7.63E-08	1.20E-11	4.19E-12	7.41E-08	1.17E-11	4.07E-12
3999	473363.09, 3854377.25	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
4000	473863.09, 3854377.25	8.42E-08	1.33E-11	4.62E-12	8.31E-08	1.31E-11	4.56E-12	8.07E-08	1.27E-11	4.43E-12
4001	474363.09, 3854377.25	8.81E-08	1.39E-11	4.84E-12	8.70E-08	1.37E-11	4.77E-12	8.44E-08	1.33E-11	4.63E-12
4002	474863.09, 3854377.25	8.71E-08	1.37E-11	4.78E-12	8.59E-08	1.35E-11	4.72E-12	8.34E-08	1.31E-11	4.58E-12
4003	475363.09, 3854377.25	8.07E-08	1.27E-11	4.43E-12	7.96E-08	1.25E-11	4.37E-12	7.73E-08	1.22E-11	4.24E-12
4004	475863.09, 3854377.25	6.22E-08	9.80E-12	3.41E-12	6.14E-08	9.67E-12	3.37E-12	5.96E-08	9.39E-12	3.27E-12
4005	476363.09, 3854377.25	5.67E-08	8.94E-12	3.11E-12	5.60E-08	8.82E-12	3.07E-12	5.44E-08	8.57E-12	2.98E-12
4006	476863.09, 3854377.25	5.45E-08	8.59E-12	2.99E-12	5.38E-08	8.48E-12	2.95E-12	5.23E-08	8.23E-12	2.87E-12
4007	477363.09, 3854377.25	5.32E-08	8.38E-12	2.92E-12	5.25E-08	8.28E-12	2.88E-12	5.10E-08	8.04E-12	2.80E-12
4008	477863.09, 3854377.25	5.28E-08	8.32E-12	2.90E-12	5.21E-08	8.21E-12	2.86E-12	5.06E-08	7.98E-12	2.78E-12
4009	478363.09, 3854377.25	5.93E-08	9.35E-12	3.26E-12	5.86E-08	9.23E-12	3.21E-12	5.69E-08	8.96E-12	3.12E-12
4010	478863.09, 3854377.25	6.18E-08	9.74E-12	3.39E-12	6.10E-08	9.61E-12	3.35E-12	5.92E-08	9.33E-12	3.25E-12
4011	479363.09, 3854377.25	8.72E-08	1.37E-11	4.79E-12	8.61E-08	1.36E-11	4.72E-12	8.36E-08	1.32E-11	4.59E-12
4012	479863.09, 3854377.25	1.04E-07	1.64E-11	5.73E-12	1.03E-07	1.62E-11	5.65E-12	1.00E-07	1.58E-11	5.49E-12
4013	480363.09, 3854377.25	1.28E-07	2.02E-11	7.04E-12	1.27E-07	1.99E-11	6.95E-12	1.23E-07	1.94E-11	6.75E-12
4014	480863.09, 3854377.25	1.64E-07	2.59E-11	9.03E-12	1.62E-07	2.56E-11	8.91E-12	1.58E-07	2.48E-11	8.65E-12
4015	481363.09, 3854377.25	1.99E-07	3.14E-11	1.09E-11	1.97E-07	3.10E-11	1.08E-11	1.91E-07	3.01E-11	1.05E-11
4016	481863.09, 3854377.25	2.33E-07	3.67E-11	1.28E-11	2.30E-07	3.63E-11	1.26E-11	2.24E-07	3.52E-11	1.23E-11
4017	482363.09, 3854377.25	2.46E-07	3.88E-11	1.35E-11	2.43E-07	3.83E-11	1.34E-11	2.36E-07	3.72E-11	1.30E-11
4018	482863.09, 3854377.25	2.53E-07	3.98E-11	1.39E-11	2.50E-07	3.93E-11	1.37E-11	2.42E-07	3.82E-11	1.33E-11
4019	483363.09, 3854377.25	2.54E-07	4.00E-11	1.39E-11	2.51E-07	3.95E-11	1.38E-11	2.43E-07	3.84E-11	1.34E-11
4020	483863.09, 3854377.25	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.29E-11	2.29E-07	3.61E-11	1.26E-11
4021	484363.09, 3854377.25	2.23E-07	3.52E-11	1.23E-11	2.21E-07	3.47E-11	1.21E-11	2.14E-07	3.37E-11	1.18E-11
4022	484863.09, 3854377.25	1.83E-07	2.89E-11	1.01E-11	1.81E-07	2.85E-11	9.92E-12	1.76E-07	2.77E-11	9.64E-12
4023	485363.09, 3854377.25	2.04E-07	3.22E-11	1.12E-11	2.02E-07	3.18E-11	1.11E-11	1.96E-07	3.08E-11	1.07E-11
4024	485863.09, 3854377.25	1.70E-07	2.68E-11	9.33E-12	1.68E-07	2.64E-11	9.21E-12	1.63E-07	2.57E-11	8.94E-12
4025	486363.09, 3854377.25	1.82E-07	2.87E-11	1.00E-11	1.80E-07	2.83E-11	9.88E-12	1.75E-07	2.75E-11	9.59E-12
4026	486863.09, 3854377.25	1.74E-07	2.75E-11	9.57E-12	1.72E-07	2.71E-11	9.45E-12	1.67E-07	2.63E-11	9.17E-12
4027	487363.09, 3854377.25	1.85E-07	2.92E-11	1.02E-11	1.83E-07	2.88E-11	1.00E-11	1.77E-07	2.80E-11	9.74E-12
4028	487863.09, 3854377.25	2.09E-07	3.29E-11	1.15E-11	2.06E-07	3.25E-11	1.13E-11	2.00E-07	3.15E-11	1.10E-11
4029	488363.09, 3854377.25	2.20E-07	3.46E-11	1.20E-11	2.17E-07	3.41E-11	1.19E-11	2.10E-07	3.31E-11	1.15E-11
4030	488863.09, 3854377.25	2.21E-07	3.49E-11	1.21E-11	2.18E-07	3.44E-11	1.20E-11	2.12E-07	3.34E-11	1.16E-11
4031	489363.09, 3854377.25	2.33E-07	3.67E-11	1.28E-11	2.30E-07	3.62E-11	1.26E-11	2.23E-07	3.52E-11	1.23E-11
4032	489863.09, 3854377.25	2.20E-07	3.47E-11	1.21E-11	2.17E-07	3.42E-11	1.19E-11	2.11E-07	3.32E-11	1.16E-11
4033	490363.09, 3854377.25	2.03E-07	3.19E-11	1.11E-11	2.00E-07	3.15E-11	1.10E-11	1.94E-07	3.06E-11	1.07E-11
4034	490863.09, 3854377.25	1.46E-07	2.30E-11	8.01E-12	1.44E-07	2.27E-11	7.91E-12	1.40E-07	2.20E-11	7.68E-12
4035	491363.09, 3854377.25	1.73E-07	2.72E-11	9.48E-12	1.70E-07	2.68E-11	9.35E-12	1.66E-07	2.61E-11	9.08E-12
4036	491863.09, 3854377.25	1.90E-07	3.00E-11	1.04E-11	1.88E-07	2.96E-11	1.03E-11	1.82E-07	2.87E-11	1.00E-11
4037	492363.09, 3854377.25	2.06E-07	3.24E-11	1.13E-11	2.03E-07	3.20E-11	1.12E-11	1.97E-07	3.11E-11	1.08E-11
4038	492863.09, 3854377.25	2.11E-07	3.32E-11	1.16E-11	2.08E-07	3.28E-11	1.14E-11	2.02E-07	3.18E-11	1.11E-11
4039	493363.09, 3854377.25	2.03E-07	3.20E-11	1.12E-11	2.01E-07	3.16E-11	1.10E-11	1.95E-07	3.07E-11	1.07E-11
4040	493863.09, 3854377.25	2.24E-07	3.53E-11	1.23E-11	2.21E-07	3.48E-11	1.21E-11	2.15E-07	3.38E-11	1.18E-11
4041	494363.09, 3854377.25	2.32E-07	3.65E-11	1.27E-11	2.29E-07	3.60E-11	1.26E-11	2.22E-07	3.50E-11	1.22E-11
4042	494863.09, 3854377.25	1.83E-07	2.89E-11	1.01E-11	1.81E-07	2.85E-11	9.93E-12	1.76E-07	2.77E-11	9.64E-12
4043	495363.09, 3854377.25	1.60E-07	2.52E-11	8.76E-12	1.58E-07	2.48E-11	8.65E-12	1.53E-07	2.41E-11	8.40E-12
4044	495863.09, 3854377.25	1.61E-07	2.54E-11	8.86E-12	1.59E-07	2.51E-11	8.75E-12	1.55E-07	2.44E-11	8.49E-12
4045	496363.09, 3854377.25	1.77E-07	2.79E-11	9.73E-12	1.75E-07	2.76E-11	9.61E-12	1.70E-07	2.68E-11	9.33E-12
4046	496863.09, 3854377.25	1.81E-07	2.85E-11	9.91E-12	1.78E-07	2.81E-11	9.78E-12	1.73E-07	2.73E-11	9.50E-12
4047	497363.09, 3854377.25	1.68E-07	2.64E-11	9.21E-12	1.66E-07	2.61E-11	9.09E-12	1.61E-07	2.53E-11	8.83E-12
4048	497863.09, 3854377.25	1.87E-07	2.95E-11	1.03E-11	1.85E-07	2.91E-11	1.02E-11	1.80E-07	2.83E-11	9.86E-12
4049	498363.09, 3854377.25	1.81E-07	2.85E-11	9.93E-12	1.79E-07	2.81E-11	9.80E-12	1.73E-07	2.73E-11	9.51E-12
4050	471363.09, 3854877.25	7.07E-08	1.11E-11	3.88E-12	6.97E-08	1.10E-11	3.83E-12	6.77E-08	1.07E-11	3.72E-12
4051	471863.09, 3854877.25	7.51E-08	1.18E-11	4.12E-12	7.41E-08	1.17E-11	4.07E-12	7.20E-08	1.13E-11	3.95E-12
4052	472363.09, 3854877.25	7.87E-08	1.24E-11	4.32E-12	7.77E-08	1.22E-11	4.26E-12	7.55E-08	1.19E-11	4.14E-12
4053	472863.09, 3854877.25	8.02E-08	1.26E-11	4.40E-12	7.91E-08	1.25E-11	4.34E-12	7.68E-08	1.21E-11	4.22E-12
4054	473363.09, 3854877.25	8.52E-08	1.34E-11	4.68E-12	8.41E-08	1.33E-11	4.62E-12	8.17E-08	1.29E-11	4.48E-12
4055	473863.09, 3854877.25	8.95E-08	1.41E-11	4.91E-12	8.84E-08	1.39E-11	4.85E-12	8.58E-08	1.35E-11	4.71E-12
4056	474363.09, 3854877.25	9.51E-08	1.50E-11	5.22E-12	9.39E-08	1.48E-11	5.15E-12	9.12E-08	1.44E-11	5.00E-12

4057 474863.09, 3854877.25	8.50E-08	1.34E-11	4.66E-12	8.39E-08	1.32E-11	4.60E-12	8.14E-08	1.28E-11	4.47E-12
4058 475363.09, 3854877.25	7.20E-08	1.13E-11	3.95E-12	7.10E-08	1.12E-11	3.90E-12	6.90E-08	1.09E-11	3.79E-12
4059 475863.09, 3854877.25	5.79E-08	9.12E-12	3.18E-12	5.72E-08	9.00E-12	3.14E-12	5.55E-08	8.74E-12	3.05E-12
4060 476363.09, 3854877.25	3.90E-08	6.15E-12	2.14E-12	3.85E-08	6.07E-12	2.11E-12	3.74E-08	5.89E-12	2.05E-12
4061 476863.09, 3854877.25	3.83E-08	6.03E-12	2.10E-12	3.78E-08	5.95E-12	2.07E-12	3.67E-08	5.78E-12	2.01E-12
4062 477363.09, 3854877.25	4.52E-08	7.11E-12	2.48E-12	4.46E-08	7.02E-12	2.45E-12	4.33E-08	6.82E-12	2.38E-12
4063 477863.09, 3854877.25	5.14E-08	8.10E-12	2.82E-12	5.07E-08	7.99E-12	2.78E-12	4.93E-08	7.76E-12	2.70E-12
4064 478363.09, 3854877.25	6.65E-08	1.05E-11	3.65E-12	6.56E-08	1.03E-11	3.60E-12	6.37E-08	1.00E-11	3.50E-12
4065 478863.09, 3854877.25	8.73E-08	1.38E-11	4.79E-12	8.62E-08	1.36E-11	4.73E-12	8.37E-08	1.32E-11	4.59E-12
4066 479363.09, 3854877.25	1.12E-07	1.77E-11	6.15E-12	1.11E-07	1.74E-11	6.07E-12	1.07E-07	1.69E-11	5.89E-12
4067 479863.09, 3854877.25	1.37E-07	2.15E-11	7.49E-12	1.35E-07	2.12E-11	7.39E-12	1.31E-07	2.06E-11	7.18E-12
4068 480363.09, 3854877.25	1.55E-07	2.45E-11	8.53E-12	1.53E-07	2.42E-11	8.42E-12	1.49E-07	2.35E-11	8.17E-12
4069 480863.09, 3854877.25	1.85E-07	2.92E-11	1.02E-11	1.83E-07	2.88E-11	1.00E-11	1.77E-07	2.79E-11	9.73E-12
4070 481363.09, 3854877.25	2.04E-07	3.22E-11	1.12E-11	2.02E-07	3.17E-11	1.11E-11	1.96E-07	3.08E-11	1.07E-11
4071 481863.09, 3854877.25	2.12E-07	3.34E-11	1.16E-11	2.09E-07	3.29E-11	1.15E-11	2.03E-07	3.20E-11	1.11E-11
4072 482363.09, 3854877.25	2.71E-07	4.27E-11	1.49E-11	2.68E-07	4.22E-11	1.47E-11	2.60E-07	4.10E-11	1.43E-11
4073 482863.09, 3854877.25	2.86E-07	4.50E-11	1.57E-11	2.82E-07	4.45E-11	1.55E-11	2.74E-07	4.32E-11	1.50E-11
4074 483363.09, 3854877.25	3.00E-07	4.72E-11	1.64E-11	2.96E-07	4.66E-11	1.62E-11	2.87E-07	4.52E-11	1.58E-11
4075 483863.09, 3854877.25	2.97E-07	4.67E-11	1.63E-11	2.93E-07	4.61E-11	1.61E-11	2.84E-07	4.48E-11	1.56E-11
4076 484363.09, 3854877.25	2.75E-07	4.33E-11	1.51E-11	2.71E-07	4.27E-11	1.49E-11	2.63E-07	4.15E-11	1.45E-11
4077 484863.09, 3854877.25	2.87E-07	4.52E-11	1.57E-11	2.83E-07	4.46E-11	1.55E-11	2.75E-07	4.33E-11	1.51E-11
4078 485363.09, 3854877.25	2.95E-07	4.65E-11	1.62E-11	2.91E-07	4.59E-11	1.60E-11	2.83E-07	4.46E-11	1.55E-11
4079 485863.09, 3854877.25	2.64E-07	4.16E-11	1.45E-11	2.61E-07	4.11E-11	1.43E-11	2.53E-07	3.99E-11	1.39E-11
4080 486363.09, 3854877.25	2.49E-07	3.93E-11	1.37E-11	2.46E-07	3.88E-11	1.35E-11	2.39E-07	3.77E-11	1.31E-11
4081 486863.09, 3854877.25	2.45E-07	3.86E-11	1.34E-11	2.42E-07	3.81E-11	1.33E-11	2.35E-07	3.70E-11	1.29E-11
4082 487363.09, 3854877.25	2.61E-07	4.11E-11	1.43E-11	2.58E-07	4.06E-11	1.41E-11	2.50E-07	3.94E-11	1.37E-11
4083 487863.09, 3854877.25	2.87E-07	4.52E-11	1.58E-11	2.83E-07	4.46E-11	1.55E-11	2.75E-07	4.33E-11	1.51E-11
4084 488363.09, 3854877.25	3.11E-07	4.90E-11	1.71E-11	3.07E-07	4.83E-11	1.68E-11	2.98E-07	4.69E-11	1.63E-11
4085 488863.09, 3854877.25	3.31E-07	5.22E-11	1.82E-11	3.27E-07	5.15E-11	1.79E-11	3.17E-07	5.00E-11	1.74E-11
4086 489363.09, 3854877.25	3.44E-07	5.42E-11	1.89E-11	3.40E-07	5.35E-11	1.87E-11	3.30E-07	5.20E-11	1.81E-11
4087 489863.09, 3854877.25	3.19E-07	5.03E-11	1.75E-11	3.15E-07	4.97E-11	1.73E-11	3.06E-07	4.82E-11	1.68E-11
4088 490363.09, 3854877.25	2.06E-07	3.25E-11	1.13E-11	2.03E-07	3.20E-11	1.12E-11	1.97E-07	3.11E-11	1.08E-11
4089 490863.09, 3854877.25	1.22E-07	1.93E-11	6.72E-12	1.21E-07	1.90E-11	6.63E-12	1.17E-07	1.85E-11	6.44E-12
4090 491363.09, 3854877.25	1.38E-07	2.18E-11	7.58E-12	1.36E-07	2.15E-11	7.48E-12	1.32E-07	2.08E-11	7.26E-12
4091 491863.09, 3854877.25	2.87E-07	4.52E-11	1.58E-11	2.83E-07	4.46E-11	1.55E-11	2.75E-07	4.33E-11	1.51E-11
4092 492363.09, 3854877.25	3.16E-07	4.98E-11	1.74E-11	3.12E-07	4.92E-11	1.71E-11	3.03E-07	4.78E-11	1.66E-11
4093 492863.09, 3854877.25	3.18E-07	5.01E-11	1.74E-11	3.14E-07	4.94E-11	1.72E-11	3.05E-07	4.80E-11	1.67E-11
4094 493363.09, 3854877.25	3.19E-07	5.02E-11	1.75E-11	3.15E-07	4.96E-11	1.73E-11	3.06E-07	4.82E-11	1.68E-11
4095 493863.09, 3854877.25	3.35E-07	5.27E-11	1.84E-11	3.30E-07	5.21E-11	1.81E-11	3.21E-07	5.06E-11	1.76E-11
4096 494363.09, 3854877.25	2.37E-07	3.74E-11	1.30E-11	2.34E-07	3.69E-11	1.29E-11	2.28E-07	3.59E-11	1.25E-11
4097 494863.09, 3854877.25	1.99E-07	3.13E-11	1.09E-11	1.96E-07	3.09E-11	1.08E-11	1.91E-07	3.00E-11	1.05E-11
4098 495363.09, 3854877.25	2.00E-07	3.16E-11	1.10E-11	1.98E-07	3.12E-11	1.09E-11	1.92E-07	3.03E-11	1.05E-11
4099 495863.09, 3854877.25	2.11E-07	3.32E-11	1.16E-11	2.08E-07	3.28E-11	1.14E-11	2.02E-07	3.18E-11	1.11E-11
4100 496363.09, 3854877.25	2.04E-07	3.21E-11	1.12E-11	2.01E-07	3.17E-11	1.11E-11	1.96E-07	3.08E-11	1.07E-11
4101 496863.09, 3854877.25	2.03E-07	3.19E-11	1.11E-11	2.00E-07	3.15E-11	1.10E-11	1.94E-07	3.06E-11	1.07E-11
4102 497363.09, 3854877.25	2.11E-07	3.32E-11	1.16E-11	2.08E-07	3.28E-11	1.14E-11	2.02E-07	3.18E-11	1.11E-11
4103 497863.09, 3854877.25	2.38E-07	3.76E-11	1.31E-11	2.35E-07	3.71E-11	1.29E-11	2.28E-07	3.60E-11	1.25E-11
4104 498363.09, 3854877.25	2.45E-07	3.85E-11	1.34E-11	2.41E-07	3.80E-11	1.33E-11	2.34E-07	3.69E-11	1.29E-11
4105 471363.09, 3855377.25	7.01E-08	1.10E-11	3.85E-12	6.92E-08	1.09E-11	3.80E-12	6.72E-08	1.06E-11	3.69E-12
4106 471863.09, 3855377.25	7.31E-08	1.15E-11	4.01E-12	7.22E-08	1.14E-11	3.96E-12	7.01E-08	1.10E-11	3.85E-12
4107 472363.09, 3855377.25	7.81E-08	1.23E-11	4.29E-12	7.71E-08	1.21E-11	4.23E-12	7.48E-08	1.18E-11	4.11E-12
4108 472863.09, 3855377.25	8.13E-08	1.28E-11	4.46E-12	8.03E-08	1.26E-11	4.41E-12	7.80E-08	1.23E-11	4.28E-12
4109 473363.09, 3855377.25	8.81E-08	1.39E-11	4.84E-12	8.70E-08	1.37E-11	4.77E-12	8.44E-08	1.33E-11	4.63E-12
4110 473863.09, 3855377.25	9.42E-08	1.48E-11	5.17E-12	9.30E-08	1.46E-11	5.10E-12	9.03E-08	1.42E-11	4.96E-12
4111 474363.09, 3855377.25	9.98E-08	1.57E-11	5.48E-12	9.85E-08	1.55E-11	5.41E-12	9.57E-08	1.51E-11	5.25E-12
4112 474863.09, 3855377.25	9.03E-08	1.42E-11	4.96E-12	8.91E-08	1.40E-11	4.89E-12	8.66E-08	1.36E-11	4.75E-12
4113 475363.09, 3855377.25	5.30E-08	8.34E-12	2.91E-12	5.23E-08	8.23E-12	2.87E-12	5.08E-08	8.00E-12	2.79E-12
4114 475863.09, 3855377.25	4.09E-08	6.44E-12	2.24E-12	4.03E-08	6.35E-12	2.21E-12	3.92E-08	6.17E-12	2.15E-12
4115 476363.09, 3855377.25	4.70E-08	7.40E-12	2.58E-12	4.64E-08	7.30E-12	2.54E-12	4.50E-08	7.09E-12	2.47E-12
4116 476863.09, 3855377.25	4.55E-08	7.18E-12	2.50E-12	4.50E-08	7.08E-12	2.47E-12	4.37E-08	6.88E-12	2.40E-12
4117 477363.09, 3855377.25	4.96E-08	7.81E-12	2.72E-12	4.89E-08	7.71E-12	2.69E-12	4.75E-08	7.49E-12	2.61E-12
4118 477863.09, 3855377.25	6.16E-08	9.70E-12	3.38E-12	6.08E-08	9.57E-12	3.33E-12	5.90E-08	9.29E-12	3.24E-12
4119 478363.09, 3855377.25	7.64E-08	1.20E-11	4.19E-12	7.54E-08	1.19E-11	4.14E-12	7.32E-08	1.15E-11	4.02E-12
4120 478863.09, 3855377.25	9.21E-08	1.45E-11	5.06E-12	9.09E-08	1.43E-11	4.99E-12	8.83E-08	1.39E-11	4.85E-12
4121 479363.09, 3855377.25	1.15E-07	1.81E-11	6.31E-12	1.14E-07	1.79E-11	6.23E-12	1.10E-07	1.74E-11	6.05E-12
4122 479863.09, 3855377.25	1.36E-07	2.14E-11	7.47E-12	1.34E-07	2.12E-11	7.37E-12	1.30E-07	2.06E-11	7.16E-12
4123 480363.09, 3855377.25	1.71E-07	2.69E-11	9.36E-12	1.68E-07	2.65E-11	9.24E-12	1.64E-07	2.58E-11	8.97E-12
4124 480863.09, 3855377.25	2.05E-07	3.23E-11	1.13E-11	2.03E-07	3.19E-11	1.11E-11	1.97E-07	3.10E-11	1.08E-11
4125 481363.09, 3855377.25	2.35E-07	3.70E-11	1.29E-11	2.32E-07	3.66E-11	1.27E-11	2.25E-07	3.55E-11	1.24E-11
4126 481863.09, 3855377.25	2.61E-07	4.10E-11	1.43E-11	2.57E-07	4.05E-11	1.41E-11	2.50E-07	3.93E-11	1.37E-11

4127	482363.09, 3855377.25	2.90E-07	4.56E-11	1.59E-11	2.86E-07	4.50E-11	1.57E-11	2.78E-07	4.37E-11	1.52E-11
4128	482863.09, 3855377.25	3.15E-07	4.96E-11	1.73E-11	3.11E-07	4.90E-11	1.71E-11	3.02E-07	4.75E-11	1.66E-11
4129	483363.09, 3855377.25	3.41E-07	5.37E-11	1.87E-11	3.37E-07	5.30E-11	1.85E-11	3.27E-07	5.15E-11	1.79E-11
4130	483863.09, 3855377.25	3.63E-07	5.72E-11	1.99E-11	3.58E-07	5.64E-11	1.97E-11	3.48E-07	5.48E-11	1.91E-11
4131	484363.09, 3855377.25	3.64E-07	5.73E-11	2.00E-11	3.59E-07	5.66E-11	1.97E-11	3.49E-07	5.50E-11	1.91E-11
4132	484863.09, 3855377.25	3.72E-07	5.85E-11	2.04E-11	3.67E-07	5.78E-11	2.01E-11	3.56E-07	5.61E-11	1.95E-11
4133	485363.09, 3855377.25	3.95E-07	6.23E-11	2.17E-11	3.90E-07	6.15E-11	2.14E-11	3.79E-07	5.97E-11	2.08E-11
4134	485863.09, 3855377.25	4.15E-07	6.53E-11	2.28E-11	4.09E-07	6.45E-11	2.25E-11	3.97E-07	6.26E-11	2.18E-11
4135	486363.09, 3855377.25	3.65E-07	5.74E-11	2.00E-11	3.60E-07	5.67E-11	1.97E-11	3.49E-07	5.50E-11	1.92E-11
4136	486863.09, 3855377.25	3.46E-07	5.45E-11	1.90E-11	3.42E-07	5.38E-11	1.88E-11	3.32E-07	5.23E-11	1.82E-11
4137	487363.09, 3855377.25	3.79E-07	5.97E-11	2.08E-11	3.74E-07	5.89E-11	2.05E-11	3.63E-07	5.72E-11	1.99E-11
4138	487863.09, 3855377.25	4.09E-07	6.44E-11	2.24E-11	4.03E-07	6.35E-11	2.21E-11	3.92E-07	6.17E-11	2.15E-11
4139	488363.09, 3855377.25	4.42E-07	6.97E-11	2.43E-11	4.37E-07	6.88E-11	2.40E-11	4.24E-07	6.68E-11	2.33E-11
4140	488863.09, 3855377.25	4.76E-07	7.50E-11	2.61E-11	4.70E-07	7.40E-11	2.58E-11	4.56E-07	7.18E-11	2.50E-11
4141	489363.09, 3855377.25	5.01E-07	7.89E-11	2.75E-11	4.94E-07	7.79E-11	2.71E-11	4.80E-07	7.56E-11	2.63E-11
4142	489863.09, 3855377.25	4.89E-07	7.70E-11	2.68E-11	4.83E-07	7.60E-11	2.65E-11	4.69E-07	7.38E-11	2.57E-11
4143	490363.09, 3855377.25	5.39E-07	8.49E-11	2.96E-11	5.32E-07	8.38E-11	2.92E-11	5.17E-07	8.14E-11	2.84E-11
4144	490863.09, 3855377.25	2.50E-07	3.93E-11	1.37E-11	2.46E-07	3.88E-11	1.35E-11	2.39E-07	3.77E-11	1.31E-11
4145	491363.09, 3855377.25	1.98E-07	3.12E-11	1.09E-11	1.96E-07	3.08E-11	1.07E-11	1.90E-07	2.99E-11	1.04E-11
4146	491863.09, 3855377.25	4.58E-07	7.22E-11	2.51E-11	4.52E-07	7.12E-11	2.48E-11	4.39E-07	6.92E-11	2.41E-11
4147	492363.09, 3855377.25	4.86E-07	7.66E-11	2.67E-11	4.80E-07	7.56E-11	2.63E-11	4.66E-07	7.34E-11	2.56E-11
4148	492863.09, 3855377.25	4.75E-07	7.48E-11	2.60E-11	4.68E-07	7.38E-11	2.57E-11	4.55E-07	7.17E-11	2.50E-11
4149	493363.09, 3855377.25	4.62E-07	7.29E-11	2.54E-11	4.56E-07	7.19E-11	2.51E-11	4.43E-07	6.98E-11	2.43E-11
4150	493863.09, 3855377.25	3.36E-07	5.29E-11	1.84E-11	3.31E-07	5.22E-11	1.82E-11	3.22E-07	5.07E-11	1.77E-11
4151	494363.09, 3855377.25	3.01E-07	4.75E-11	1.65E-11	2.97E-07	4.68E-11	1.63E-11	2.89E-07	4.55E-11	1.58E-11
4152	494863.09, 3855377.25	2.83E-07	4.45E-11	1.55E-11	2.79E-07	4.39E-11	1.53E-11	2.71E-07	4.27E-11	1.49E-11
4153	495363.09, 3855377.25	2.75E-07	4.33E-11	1.51E-11	2.71E-07	4.27E-11	1.49E-11	2.63E-07	4.15E-11	1.45E-11
4154	495863.09, 3855377.25	2.68E-07	4.21E-11	1.47E-11	2.64E-07	4.16E-11	1.45E-11	2.56E-07	4.04E-11	1.41E-11
4155	496363.09, 3855377.25	2.78E-07	4.39E-11	1.53E-11	2.75E-07	4.33E-11	1.51E-11	2.67E-07	4.20E-11	1.46E-11
4156	496863.09, 3855377.25	2.86E-07	4.50E-11	1.57E-11	2.82E-07	4.44E-11	1.55E-11	2.74E-07	4.31E-11	1.50E-11
4157	497363.09, 3855377.25	2.99E-07	4.70E-11	1.64E-11	2.95E-07	4.64E-11	1.62E-11	2.86E-07	4.51E-11	1.57E-11
4158	497863.09, 3855377.25	3.18E-07	5.00E-11	1.74E-11	3.14E-07	4.94E-11	1.72E-11	3.04E-07	4.80E-11	1.67E-11
4159	498363.09, 3855377.25	3.39E-07	5.34E-11	1.86E-11	3.35E-07	5.27E-11	1.84E-11	3.25E-07	5.12E-11	1.78E-11
4160	471363.09, 3855877.25	7.18E-08	1.13E-11	3.94E-12	7.09E-08	1.12E-11	3.89E-12	6.88E-08	1.08E-11	3.78E-12
4161	471863.09, 3855877.25	7.47E-08	1.18E-11	4.10E-12	7.37E-08	1.16E-11	4.05E-12	7.16E-08	1.13E-11	3.93E-12
4162	472363.09, 3855877.25	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
4163	472863.09, 3855877.25	8.21E-08	1.29E-11	4.51E-12	8.10E-08	1.28E-11	4.45E-12	7.87E-08	1.24E-11	4.32E-12
4164	473363.09, 3855877.25	8.94E-08	1.41E-11	4.91E-12	8.82E-08	1.39E-11	4.84E-12	8.57E-08	1.35E-11	4.70E-12
4165	473863.09, 3855877.25	9.51E-08	1.50E-11	5.22E-12	9.39E-08	1.48E-11	5.15E-12	9.12E-08	1.44E-11	5.00E-12
4166	474363.09, 3855877.25	9.96E-08	1.57E-11	5.46E-12	9.83E-08	1.55E-11	5.39E-12	9.54E-08	1.50E-11	5.24E-12
4167	474863.09, 3855877.25	8.71E-08	1.37E-11	4.78E-12	8.59E-08	1.35E-11	4.72E-12	8.34E-08	1.31E-11	4.58E-12
4168	475363.09, 3855877.25	6.47E-08	1.02E-11	3.55E-12	6.38E-08	1.01E-11	3.50E-12	6.20E-08	9.76E-12	3.40E-12
4169	475863.09, 3855877.25	3.33E-08	5.25E-12	1.83E-12	3.29E-08	5.18E-12	1.80E-12	3.19E-08	5.03E-12	1.75E-12
4170	476363.09, 3855877.25	3.53E-08	5.56E-12	1.94E-12	3.48E-08	5.48E-12	1.91E-12	3.38E-08	5.32E-12	1.86E-12
4171	476863.09, 3855877.25	4.95E-08	7.79E-12	2.71E-12	4.88E-08	7.69E-12	2.68E-12	4.74E-08	7.47E-12	2.60E-12
4172	477363.09, 3855877.25	5.83E-08	9.18E-12	3.20E-12	5.75E-08	9.06E-12	3.16E-12	5.59E-08	8.80E-12	3.07E-12
4173	477863.09, 3855877.25	6.82E-08	1.07E-11	3.74E-12	6.73E-08	1.06E-11	3.69E-12	6.54E-08	1.03E-11	3.59E-12
4174	478363.09, 3855877.25	8.41E-08	1.32E-11	4.61E-12	8.30E-08	1.31E-11	4.55E-12	8.06E-08	1.27E-11	4.42E-12
4175	478863.09, 3855877.25	1.02E-07	1.61E-11	5.61E-12	1.01E-07	1.59E-11	5.54E-12	9.80E-08	1.54E-11	5.38E-12
4176	479363.09, 3855877.25	1.28E-07	2.01E-11	7.01E-12	1.26E-07	1.99E-11	6.92E-12	1.22E-07	1.93E-11	6.72E-12
4177	479863.09, 3855877.25	1.53E-07	2.41E-11	8.38E-12	1.51E-07	2.38E-11	8.28E-12	1.46E-07	2.31E-11	8.04E-12
4178	480363.09, 3855877.25	1.85E-07	2.92E-11	1.02E-11	1.83E-07	2.88E-11	1.00E-11	1.77E-07	2.79E-11	9.73E-12
4179	480863.09, 3855877.25	2.23E-07	3.51E-11	1.22E-11	2.20E-07	3.47E-11	1.21E-11	2.14E-07	3.37E-11	1.17E-11
4180	481363.09, 3855877.25	2.33E-07	3.67E-11	1.28E-11	2.30E-07	3.62E-11	1.26E-11	2.23E-07	3.52E-11	1.23E-11
4181	481863.09, 3855877.25	2.86E-07	4.50E-11	1.57E-11	2.82E-07	4.45E-11	1.55E-11	2.74E-07	4.32E-11	1.50E-11
4182	482363.09, 3855877.25	3.14E-07	4.95E-11	1.72E-11	3.10E-07	4.88E-11	1.70E-11	3.01E-07	4.74E-11	1.65E-11
4183	482863.09, 3855877.25	3.38E-07	5.32E-11	1.85E-11	3.33E-07	5.25E-11	1.83E-11	3.24E-07	5.10E-11	1.78E-11
4184	483363.09, 3855877.25	3.68E-07	5.80E-11	2.02E-11	3.63E-07	5.72E-11	1.99E-11	3.53E-07	5.55E-11	1.94E-11
4185	483863.09, 3855877.25	4.05E-07	6.38E-11	2.22E-11	4.00E-07	6.30E-11	2.19E-11	3.88E-07	6.12E-11	2.13E-11
4186	484363.09, 3855877.25	4.43E-07	6.98E-11	2.43E-11	4.37E-07	6.89E-11	2.40E-11	4.25E-07	6.69E-11	2.33E-11
4187	484863.09, 3855877.25	4.64E-07	7.31E-11	2.55E-11	4.58E-07	7.22E-11	2.51E-11	4.45E-07	7.01E-11	2.44E-11
4188	485363.09, 3855877.25	4.82E-07	7.60E-11	2.65E-11	4.76E-07	7.50E-11	2.61E-11	4.62E-07	7.28E-11	2.54E-11
4189	485863.09, 3855877.25	5.19E-07	8.17E-11	2.85E-11	5.12E-07	8.06E-11	2.81E-11	4.97E-07	7.83E-11	2.73E-11
4190	486363.09, 3855877.25	5.27E-07	8.30E-11	2.89E-11	5.20E-07	8.20E-11	2.86E-11	5.05E-07	7.96E-11	2.77E-11
4191	486863.09, 3855877.25	4.94E-07	7.78E-11	2.71E-11	4.87E-07	7.67E-11	2.67E-11	4.73E-07	7.45E-11	2.60E-11
4192	487363.09, 3855877.25	5.43E-07	8.55E-11	2.98E-11	5.36E-07	8.44E-11	2.94E-11	5.20E-07	8.20E-11	2.86E-11
4193	487863.09, 3855877.25	5.92E-07	9.33E-11	3.25E-11	5.84E-07	9.21E-11	3.21E-11	5.67E-07	8.94E-11	3.11E-11
4194	488363.09, 3855877.25	6.44E-07	1.01E-10	3.54E-11	6.36E-07	1.00E-10	3.49E-11	6.17E-07	9.73E-11	3.39E-11
4195	488863.09, 3855877.25	6.94E-07	1.09E-10	3.81E-11	6.85E-07	1.08E-10	3.76E-11	6.65E-07	1.05E-10	3.65E-11
4196	489363.09, 3855877.25	7.35E-07	1.16E-10	4.03E-11	7.26E-07	1.14E-10	3.98E-11	7.05E-07	1.11E-10	3.87E-11

4197	489863.09, 3855877.25	7.84E-07	1.24E-10	4.30E-11	7.74E-07	1.22E-10	4.25E-11	7.51E-07	1.18E-10	4.12E-11
4198	490363.09, 3855877.25	8.70E-07	1.37E-10	4.78E-11	8.59E-07	1.35E-10	4.71E-11	8.34E-07	1.31E-10	4.58E-11
4199	490863.09, 3855877.25	8.79E-07	1.38E-10	4.82E-11	8.67E-07	1.37E-10	4.76E-11	8.42E-07	1.33E-10	4.62E-11
4200	491363.09, 3855877.25	7.18E-07	1.13E-10	3.94E-11	7.09E-07	1.12E-10	3.89E-11	6.88E-07	1.08E-10	3.78E-11
4201	491863.09, 3855877.25	8.83E-07	1.39E-10	4.85E-11	8.72E-07	1.37E-10	4.78E-11	8.46E-07	1.33E-10	4.65E-11
4202	492363.09, 3855877.25	8.09E-07	1.27E-10	4.44E-11	7.99E-07	1.26E-10	4.38E-11	7.76E-07	1.22E-10	4.26E-11
4203	492863.09, 3855877.25	8.65E-07	1.36E-10	4.75E-11	8.53E-07	1.34E-10	4.68E-11	8.29E-07	1.31E-10	4.55E-11
4204	493363.09, 3855877.25	6.17E-07	9.71E-11	3.38E-11	6.09E-07	9.59E-11	3.34E-11	5.91E-07	9.31E-11	3.24E-11
4205	493863.09, 3855877.25	5.34E-07	8.42E-11	2.93E-11	5.27E-07	8.31E-11	2.89E-11	5.12E-07	8.07E-11	2.81E-11
4206	494363.09, 3855877.25	4.81E-07	7.58E-11	2.64E-11	4.75E-07	7.48E-11	2.61E-11	4.61E-07	7.26E-11	2.53E-11
4207	494863.09, 3855877.25	4.43E-07	6.98E-11	2.43E-11	4.37E-07	6.89E-11	2.40E-11	4.25E-07	6.69E-11	2.33E-11
4208	495363.09, 3855877.25	3.77E-07	5.94E-11	2.07E-11	3.72E-07	5.86E-11	2.04E-11	3.61E-07	5.69E-11	1.98E-11
4209	495863.09, 3855877.25	3.82E-07	6.02E-11	2.10E-11	3.77E-07	5.94E-11	2.07E-11	3.66E-07	5.77E-11	2.01E-11
4210	496363.09, 3855877.25	3.85E-07	6.07E-11	2.11E-11	3.80E-07	5.99E-11	2.09E-11	3.69E-07	5.81E-11	2.03E-11
4211	496863.09, 3855877.25	3.98E-07	6.27E-11	2.18E-11	3.93E-07	6.19E-11	2.16E-11	3.82E-07	6.01E-11	2.09E-11
4212	497363.09, 3855877.25	4.11E-07	6.47E-11	2.25E-11	4.05E-07	6.39E-11	2.23E-11	3.94E-07	6.20E-11	2.16E-11
4213	497863.09, 3855877.25	4.29E-07	6.75E-11	2.35E-11	4.23E-07	6.66E-11	2.32E-11	4.11E-07	6.47E-11	2.25E-11
4214	498363.09, 3855877.25	4.74E-07	7.47E-11	2.60E-11	4.68E-07	7.37E-11	2.57E-11	4.54E-07	7.16E-11	2.49E-11
4215	471363.09, 3856377.25	7.21E-08	1.14E-11	3.96E-12	7.12E-08	1.12E-11	3.91E-12	6.91E-08	1.09E-11	3.79E-12
4216	471863.09, 3856377.25	7.48E-08	1.18E-11	4.11E-12	7.39E-08	1.16E-11	4.05E-12	7.17E-08	1.13E-11	3.94E-12
4217	472363.09, 3856377.25	7.93E-08	1.25E-11	4.35E-12	7.82E-08	1.23E-11	4.29E-12	7.60E-08	1.20E-11	4.17E-12
4218	472863.09, 3856377.25	8.48E-08	1.34E-11	4.66E-12	8.37E-08	1.32E-11	4.60E-12	8.13E-08	1.28E-11	4.46E-12
4219	473363.09, 3856377.25	8.99E-08	1.42E-11	4.94E-12	8.87E-08	1.40E-11	4.87E-12	8.62E-08	1.36E-11	4.73E-12
4220	473863.09, 3856377.25	9.84E-08	1.55E-11	5.40E-12	9.71E-08	1.53E-11	5.33E-12	9.43E-08	1.49E-11	5.17E-12
4221	474363.09, 3856377.25	9.85E-08	1.55E-11	5.41E-12	9.72E-08	1.53E-11	5.34E-12	9.44E-08	1.49E-11	5.18E-12
4222	474863.09, 3856377.25	9.60E-08	1.51E-11	5.27E-12	9.48E-08	1.49E-11	5.20E-12	9.20E-08	1.45E-11	5.05E-12
4223	475363.09, 3856377.25	8.45E-08	1.33E-11	4.64E-12	8.34E-08	1.31E-11	4.57E-12	8.09E-08	1.28E-11	4.44E-12
4224	475863.09, 3856377.25	6.55E-08	1.03E-11	3.59E-12	6.46E-08	1.02E-11	3.55E-12	6.27E-08	9.88E-12	3.44E-12
4225	476363.09, 3856377.25	6.29E-08	9.90E-12	3.45E-12	6.20E-08	9.77E-12	3.40E-12	6.02E-08	9.49E-12	3.31E-12
4226	476863.09, 3856377.25	6.45E-08	1.02E-11	3.54E-12	6.37E-08	1.00E-11	3.50E-12	6.19E-08	9.75E-12	3.40E-12
4227	477363.09, 3856377.25	6.86E-08	1.08E-11	3.76E-12	6.77E-08	1.07E-11	3.71E-12	6.57E-08	1.04E-11	3.61E-12
4228	477863.09, 3856377.25	5.78E-08	9.10E-12	3.17E-12	5.70E-08	8.98E-12	3.13E-12	5.54E-08	8.72E-12	3.04E-12
4229	478363.09, 3856377.25	5.26E-08	8.28E-12	2.89E-12	5.19E-08	8.17E-12	2.85E-12	5.04E-08	7.94E-12	2.77E-12
4230	478863.09, 3856377.25	9.15E-08	1.44E-11	5.02E-12	9.03E-08	1.42E-11	4.96E-12	8.77E-08	1.38E-11	4.81E-12
4231	479363.09, 3856377.25	1.12E-07	1.77E-11	6.16E-12	1.11E-07	1.74E-11	6.08E-12	1.08E-07	1.69E-11	5.90E-12
4232	479863.09, 3856377.25	1.60E-07	2.53E-11	8.81E-12	1.58E-07	2.49E-11	8.69E-12	1.54E-07	2.42E-11	8.44E-12
4233	480363.09, 3856377.25	2.07E-07	3.26E-11	1.14E-11	2.04E-07	3.22E-11	1.12E-11	1.99E-07	3.13E-11	1.09E-11
4234	480863.09, 3856377.25	2.44E-07	3.84E-11	1.34E-11	2.41E-07	3.79E-11	1.32E-11	2.34E-07	3.68E-11	1.28E-11
4235	481363.09, 3856377.25	2.80E-07	4.42E-11	1.54E-11	2.77E-07	4.36E-11	1.52E-11	2.69E-07	4.23E-11	1.47E-11
4236	481863.09, 3856377.25	3.19E-07	5.03E-11	1.75E-11	3.15E-07	4.96E-11	1.73E-11	3.06E-07	4.82E-11	1.68E-11
4237	482363.09, 3856377.25	3.52E-07	5.54E-11	1.93E-11	3.47E-07	5.47E-11	1.91E-11	3.37E-07	5.31E-11	1.85E-11
4238	482863.09, 3856377.25	3.79E-07	5.97E-11	2.08E-11	3.74E-07	5.89E-11	2.05E-11	3.63E-07	5.72E-11	1.99E-11
4239	483363.09, 3856377.25	4.07E-07	6.42E-11	2.24E-11	4.02E-07	6.34E-11	2.21E-11	3.91E-07	6.15E-11	2.14E-11
4240	483863.09, 3856377.25	4.42E-07	6.97E-11	2.43E-11	4.37E-07	6.88E-11	2.40E-11	4.24E-07	6.68E-11	2.33E-11
4241	484363.09, 3856377.25	4.89E-07	7.70E-11	2.68E-11	4.83E-07	7.60E-11	2.65E-11	4.69E-07	7.38E-11	2.57E-11
4242	484863.09, 3856377.25	5.52E-07	8.70E-11	3.03E-11	5.45E-07	8.59E-11	2.99E-11	5.29E-07	8.34E-11	2.91E-11
4243	485363.09, 3856377.25	6.10E-07	9.61E-11	3.35E-11	6.02E-07	9.49E-11	3.30E-11	5.85E-07	9.21E-11	3.21E-11
4244	485863.09, 3856377.25	6.39E-07	1.01E-10	3.50E-11	6.30E-07	9.93E-11	3.46E-11	6.12E-07	9.64E-11	3.36E-11
4245	486363.09, 3856377.25	6.32E-07	9.95E-11	3.47E-11	6.23E-07	9.82E-11	3.42E-11	6.05E-07	9.54E-11	3.32E-11
4246	486863.09, 3856377.25	7.27E-07	1.15E-10	3.99E-11	7.18E-07	1.13E-10	3.94E-11	6.97E-07	1.10E-10	3.83E-11
4247	487363.09, 3856377.25	7.65E-07	1.20E-10	4.20E-11	7.55E-07	1.19E-10	4.14E-11	7.33E-07	1.15E-10	4.02E-11
4248	487863.09, 3856377.25	8.56E-07	1.35E-10	4.70E-11	8.45E-07	1.33E-10	4.64E-11	8.20E-07	1.29E-10	4.50E-11
4249	488363.09, 3856377.25	9.37E-07	1.48E-10	5.14E-11	9.24E-07	1.46E-10	5.07E-11	8.98E-07	1.41E-10	4.93E-11
4250	488863.09, 3856377.25	1.04E-06	1.63E-10	5.69E-11	1.02E-06	1.61E-10	5.61E-11	9.93E-07	1.56E-10	5.45E-11
4251	489363.09, 3856377.25	1.11E-06	1.75E-10	6.09E-11	1.10E-06	1.73E-10	6.01E-11	1.06E-06	1.68E-10	5.84E-11
4252	489863.09, 3856377.25	1.26E-06	1.98E-10	6.90E-11	1.24E-06	1.95E-10	6.81E-11	1.20E-06	1.90E-10	6.61E-11
4253	490363.09, 3856377.25	1.41E-06	2.22E-10	7.74E-11	1.39E-06	2.19E-10	7.64E-11	1.35E-06	2.13E-10	7.42E-11
4254	490863.09, 3856377.25	1.64E-06	2.59E-10	9.03E-11	1.62E-06	2.56E-10	8.91E-11	1.58E-06	2.48E-10	8.65E-11
4255	491363.09, 3856377.25	1.96E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.88E-06	2.95E-10	1.03E-10
4256	491863.09, 3856377.25	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
4257	492363.09, 3856377.25	1.89E-06	2.98E-10	1.04E-10	1.86E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.94E-11
4258	492863.09, 3856377.25	1.79E-06	2.82E-10	9.83E-11	1.77E-06	2.79E-10	9.70E-11	1.72E-06	2.70E-10	9.42E-11
4259	493363.09, 3856377.25	1.22E-06	1.92E-10	6.67E-11	1.20E-06	1.89E-10	6.59E-11	1.17E-06	1.84E-10	6.39E-11
4260	493863.09, 3856377.25	1.07E-06	1.68E-10	5.86E-11	1.05E-06	1.66E-10	5.78E-11	1.02E-06	1.61E-10	5.61E-11
4261	494363.09, 3856377.25	8.57E-07	1.35E-10	4.71E-11	8.46E-07	1.33E-10	4.64E-11	8.22E-07	1.29E-10	4.51E-11
4262	494863.09, 3856377.25	6.92E-07	1.09E-10	3.80E-11	6.83E-07	1.08E-10	3.75E-11	6.63E-07	1.04E-10	3.64E-11
4263	495363.09, 3856377.25	5.74E-07	9.03E-11	3.15E-11	5.66E-07	8.92E-11	3.11E-11	5.50E-07	8.66E-11	3.02E-11
4264	495863.09, 3856377.25	5.38E-07	8.47E-11	2.95E-11	5.31E-07	8.36E-11	2.91E-11	5.15E-07	8.12E-11	2.83E-11
4265	496363.09, 3856377.25	5.24E-07	8.26E-11	2.88E-11	5.18E-07	8.15E-11	2.84E-11	5.03E-07	7.92E-11	2.76E-11
4266	496863.09, 3856377.25	5.40E-07	8.50E-11	2.96E-11	5.32E-07	8.39E-11	2.92E-11	5.17E-07	8.15E-11	2.84E-11

4267	497363.09, 3856377.25	5.53E-07	8.71E-11	3.04E-11	5.46E-07	8.60E-11	3.00E-11	5.30E-07	8.35E-11	2.91E-11
4268	497863.09, 3856377.25	5.83E-07	9.18E-11	3.20E-11	5.75E-07	9.06E-11	3.16E-11	5.59E-07	8.80E-11	3.07E-11
4269	498363.09, 3856377.25	6.28E-07	9.90E-11	3.45E-11	6.20E-07	9.77E-11	3.40E-11	6.02E-07	9.48E-11	3.30E-11
4270	471363.09, 3856877.25	7.44E-08	1.17E-11	4.09E-12	7.35E-08	1.16E-11	4.03E-12	7.13E-08	1.12E-11	3.92E-12
4271	471863.09, 3856877.25	7.63E-08	1.20E-11	4.19E-12	7.53E-08	1.19E-11	4.13E-12	7.31E-08	1.15E-11	4.01E-12
4272	472363.09, 3856877.25	8.02E-08	1.26E-11	4.40E-12	7.91E-08	1.25E-11	4.34E-12	7.68E-08	1.21E-11	4.22E-12
4273	472863.09, 3856877.25	8.43E-08	1.33E-11	4.63E-12	8.32E-08	1.31E-11	4.57E-12	8.08E-08	1.27E-11	4.44E-12
4274	473363.09, 3856877.25	9.17E-08	1.45E-11	5.04E-12	9.05E-08	1.43E-11	4.97E-12	8.79E-08	1.39E-11	4.83E-12
4275	473863.09, 3856877.25	9.66E-08	1.52E-11	5.30E-12	9.53E-08	1.50E-11	5.23E-12	9.25E-08	1.46E-11	5.08E-12
4276	474363.09, 3856877.25	9.59E-08	1.51E-11	5.26E-12	9.47E-08	1.49E-11	5.20E-12	9.19E-08	1.45E-11	5.04E-12
4277	474863.09, 3856877.25	9.33E-08	1.47E-11	5.12E-12	9.21E-08	1.45E-11	5.05E-12	8.94E-08	1.41E-11	4.91E-12
4278	475363.09, 3856877.25	8.52E-08	1.34E-11	4.68E-12	8.41E-08	1.33E-11	4.62E-12	8.17E-08	1.29E-11	4.48E-12
4279	475863.09, 3856877.25	8.67E-08	1.37E-11	4.76E-12	8.55E-08	1.35E-11	4.69E-12	8.31E-08	1.31E-11	4.56E-12
4280	476363.09, 3856877.25	7.99E-08	1.26E-11	4.39E-12	7.89E-08	1.24E-11	4.33E-12	7.66E-08	1.21E-11	4.20E-12
4281	476863.09, 3856877.25	7.87E-08	1.24E-11	4.32E-12	7.77E-08	1.22E-11	4.26E-12	7.55E-08	1.19E-11	4.14E-12
4282	477363.09, 3856877.25	7.27E-08	1.15E-11	3.99E-12	7.18E-08	1.13E-11	3.94E-12	6.97E-08	1.10E-11	3.83E-12
4283	477863.09, 3856877.25	5.41E-08	8.53E-12	2.97E-12	5.34E-08	8.42E-12	2.93E-12	5.19E-08	8.17E-12	2.85E-12
4284	478363.09, 3856877.25	4.95E-08	7.79E-12	2.71E-12	4.88E-08	7.69E-12	2.68E-12	4.74E-08	7.47E-12	2.60E-12
4285	478863.09, 3856877.25	6.08E-08	9.57E-12	3.34E-12	6.00E-08	9.45E-12	3.29E-12	5.82E-08	9.18E-12	3.20E-12
4286	479363.09, 3856877.25	7.82E-08	1.23E-11	4.29E-12	7.72E-08	1.22E-11	4.24E-12	7.50E-08	1.18E-11	4.11E-12
4287	479863.09, 3856877.25	1.53E-07	2.42E-11	8.42E-12	1.51E-07	2.39E-11	8.31E-12	1.47E-07	2.32E-11	8.07E-12
4288	480363.09, 3856877.25	2.09E-07	3.29E-11	1.14E-11	2.06E-07	3.24E-11	1.13E-11	2.00E-07	3.15E-11	1.10E-11
4289	480863.09, 3856877.25	2.60E-07	4.10E-11	1.43E-11	2.57E-07	4.04E-11	1.41E-11	2.49E-07	3.93E-11	1.37E-11
4290	481363.09, 3856877.25	3.05E-07	4.80E-11	1.67E-11	3.01E-07	4.73E-11	1.65E-11	2.92E-07	4.60E-11	1.60E-11
4291	481863.09, 3856877.25	3.40E-07	5.36E-11	1.87E-11	3.36E-07	5.29E-11	1.84E-11	3.26E-07	5.13E-11	1.79E-11
4292	482363.09, 3856877.25	3.82E-07	6.02E-11	2.10E-11	3.77E-07	5.94E-11	2.07E-11	3.66E-07	5.77E-11	2.01E-11
4293	482863.09, 3856877.25	4.19E-07	6.60E-11	2.30E-11	4.13E-07	6.51E-11	2.27E-11	4.01E-07	6.32E-11	2.20E-11
4294	483363.09, 3856877.25	4.60E-07	7.25E-11	2.53E-11	4.54E-07	7.16E-11	2.49E-11	4.41E-07	6.95E-11	2.42E-11
4295	483863.09, 3856877.25	5.07E-07	7.99E-11	2.78E-11	5.01E-07	7.89E-11	2.75E-11	4.86E-07	7.66E-11	2.67E-11
4296	484363.09, 3856877.25	5.60E-07	8.83E-11	3.07E-11	5.53E-07	8.71E-11	3.03E-11	5.37E-07	8.46E-11	2.95E-11
4297	484863.09, 3856877.25	6.18E-07	9.74E-11	3.39E-11	6.10E-07	9.61E-11	3.35E-11	5.93E-07	9.34E-11	3.25E-11
4298	485363.09, 3856877.25	7.06E-07	1.11E-10	3.87E-11	6.97E-07	1.10E-10	3.82E-11	6.76E-07	1.07E-10	3.71E-11
4299	485863.09, 3856877.25	8.23E-07	1.30E-10	4.52E-11	8.12E-07	1.28E-10	4.46E-11	7.89E-07	1.24E-10	4.33E-11
4300	486363.09, 3856877.25	8.04E-07	1.27E-10	4.41E-11	7.93E-07	1.25E-10	4.35E-11	7.70E-07	1.21E-10	4.23E-11
4301	486863.09, 3856877.25	9.17E-07	1.45E-10	5.04E-11	9.05E-07	1.43E-10	4.97E-11	8.79E-07	1.39E-10	4.83E-11
4302	487363.09, 3856877.25	1.14E-06	1.79E-10	6.24E-11	1.12E-06	1.77E-10	6.16E-11	1.09E-06	1.72E-10	5.98E-11
4303	487863.09, 3856877.25	1.24E-06	1.95E-10	6.79E-11	1.22E-06	1.92E-10	6.70E-11	1.19E-06	1.87E-10	6.51E-11
4304	488363.09, 3856877.25	1.38E-06	2.17E-10	7.55E-11	1.36E-06	2.14E-10	7.45E-11	1.32E-06	2.08E-10	7.23E-11
4305	488863.09, 3856877.25	1.54E-06	2.43E-10	8.47E-11	1.52E-06	2.40E-10	8.36E-11	1.48E-06	2.33E-10	8.11E-11
4306	489363.09, 3856877.25	1.71E-06	2.70E-10	9.40E-11	1.69E-06	2.66E-10	9.28E-11	1.64E-06	2.59E-10	9.01E-11
4307	489863.09, 3856877.25	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.05E-10	1.87E-06	2.94E-10	1.02E-10
4308	490363.09, 3856877.25	2.36E-06	3.72E-10	1.29E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
4309	490863.09, 3856877.25	3.20E-06	5.03E-10	1.75E-10	3.15E-06	4.97E-10	1.73E-10	3.06E-06	4.82E-10	1.68E-10
4310	491363.09, 3856877.25	5.31E-06	8.36E-10	2.91E-10	5.24E-06	8.25E-10	2.87E-10	5.09E-06	8.01E-10	2.79E-10
4311	491863.09, 3856877.25	2.28E-05	3.60E-09	1.25E-09	2.25E-05	3.55E-09	1.24E-09	2.19E-05	3.45E-09	1.20E-09
4312	492363.09, 3856877.25	2.41E-05	3.80E-09	1.32E-09	2.38E-05	3.75E-09	1.31E-09	2.31E-05	3.64E-09	1.27E-09
4313	492863.09, 3856877.25	6.18E-06	9.73E-10	3.39E-10	6.10E-06	9.60E-10	3.35E-10	5.92E-06	9.33E-10	3.25E-10
4314	493363.09, 3856877.25	3.05E-06	4.80E-10	1.67E-10	3.01E-06	4.74E-10	1.65E-10	2.92E-06	4.60E-10	1.60E-10
4315	493863.09, 3856877.25	1.84E-06	2.91E-10	1.01E-10	1.82E-06	2.87E-10	9.99E-11	1.77E-06	2.78E-10	9.70E-11
4316	494363.09, 3856877.25	1.27E-06	2.00E-10	6.97E-11	1.25E-06	1.97E-10	6.88E-11	1.22E-06	1.92E-10	6.68E-11
4317	494863.09, 3856877.25	1.00E-06	1.58E-10	5.50E-11	9.88E-07	1.56E-10	5.42E-11	9.60E-07	1.51E-10	5.27E-11
4318	495363.09, 3856877.25	8.45E-07	1.33E-10	4.64E-11	8.34E-07	1.31E-10	4.57E-11	8.09E-07	1.28E-10	4.44E-11
4319	495863.09, 3856877.25	7.74E-07	1.22E-10	4.25E-11	7.63E-07	1.20E-10	4.19E-11	7.41E-07	1.17E-10	4.07E-11
4320	496363.09, 3856877.25	7.23E-07	1.14E-10	3.97E-11	7.14E-07	1.12E-10	3.92E-11	6.93E-07	1.09E-10	3.81E-11
4321	496863.09, 3856877.25	7.01E-07	1.10E-10	3.85E-11	6.92E-07	1.09E-10	3.80E-11	6.72E-07	1.06E-10	3.69E-11
4322	497363.09, 3856877.25	7.03E-07	1.11E-10	3.86E-11	6.94E-07	1.09E-10	3.81E-11	6.74E-07	1.06E-10	3.70E-11
4323	497863.09, 3856877.25	7.52E-07	1.19E-10	4.13E-11	7.43E-07	1.17E-10	4.08E-11	7.21E-07	1.14E-10	3.96E-11
4324	498363.09, 3856877.25	8.27E-07	1.30E-10	4.54E-11	8.16E-07	1.29E-10	4.48E-11	7.92E-07	1.25E-10	4.35E-11
4325	471363.09, 3857377.25	7.81E-08	1.23E-11	4.29E-12	7.71E-08	1.21E-11	4.23E-12	7.48E-08	1.18E-11	4.11E-12
4326	471863.09, 3857377.25	7.96E-08	1.25E-11	4.37E-12	7.86E-08	1.24E-11	4.31E-12	7.63E-08	1.20E-11	4.19E-12
4327	472363.09, 3857377.25	8.32E-08	1.31E-11	4.56E-12	8.21E-08	1.29E-11	4.50E-12	7.97E-08	1.26E-11	4.37E-12
4328	472863.09, 3857377.25	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
4329	473363.09, 3857377.25	9.34E-08	1.47E-11	5.13E-12	9.22E-08	1.45E-11	5.06E-12	8.95E-08	1.41E-11	4.91E-12
4330	473863.09, 3857377.25	1.01E-07	1.58E-11	5.52E-12	9.93E-08	1.56E-11	5.45E-12	9.64E-08	1.52E-11	5.29E-12
4331	474363.09, 3857377.25	9.71E-08	1.53E-11	5.33E-12	9.58E-08	1.51E-11	5.26E-12	9.30E-08	1.47E-11	5.11E-12
4332	474863.09, 3857377.25	8.20E-08	1.29E-11	4.50E-12	8.09E-08	1.27E-11	4.44E-12	7.86E-08	1.24E-11	4.31E-12
4333	475363.09, 3857377.25	6.42E-08	1.01E-11	3.52E-12	6.33E-08	9.97E-12	3.48E-12	6.15E-08	9.69E-12	3.37E-12
4334	475863.09, 3857377.25	6.12E-08	9.64E-12	3.36E-12	6.04E-08	9.51E-12	3.31E-12	5.86E-08	9.23E-12	3.22E-12
4335	476363.09, 3857377.25	7.51E-08	1.18E-11	4.12E-12	7.41E-08	1.17E-11	4.07E-12	7.20E-08	1.13E-11	3.95E-12
4336	476863.09, 3857377.25	7.87E-08	1.24E-11	4.32E-12	7.77E-08	1.22E-11	4.26E-12	7.55E-08	1.19E-11	4.14E-12

4337 477363.09, 3857377.25	7.29E-08	1.15E-11	4.00E-12	7.19E-08	1.13E-11	3.95E-12	6.98E-08	1.10E-11	3.83E-12
4338 477863.09, 3857377.25	5.93E-08	9.35E-12	3.26E-12	5.86E-08	9.23E-12	3.21E-12	5.69E-08	8.96E-12	3.12E-12
4339 478363.09, 3857377.25	4.89E-08	7.71E-12	2.69E-12	4.83E-08	7.61E-12	2.65E-12	4.69E-08	7.39E-12	2.57E-12
4340 478863.09, 3857377.25	4.42E-08	6.97E-12	2.43E-12	4.37E-08	6.88E-12	2.40E-12	4.24E-08	6.68E-12	2.33E-12
4341 479363.09, 3857377.25	6.36E-08	1.00E-11	3.49E-12	6.28E-08	9.89E-12	3.45E-12	6.10E-08	9.61E-12	3.35E-12
4342 479863.09, 3857377.25	1.32E-07	2.08E-11	7.25E-12	1.30E-07	2.05E-11	7.15E-12	1.27E-07	1.99E-11	6.95E-12
4343 480363.09, 3857377.25	1.18E-07	1.86E-11	6.46E-12	1.16E-07	1.83E-11	6.38E-12	1.13E-07	1.78E-11	6.19E-12
4344 480863.09, 3857377.25	2.56E-07	4.04E-11	1.41E-11	2.53E-07	3.99E-11	1.39E-11	2.46E-07	3.87E-11	1.35E-11
4345 481363.09, 3857377.25	2.78E-07	4.38E-11	1.53E-11	2.74E-07	4.32E-11	1.51E-11	2.67E-07	4.20E-11	1.46E-11
4346 481863.09, 3857377.25	3.28E-07	5.16E-11	1.80E-11	3.23E-07	5.09E-11	1.77E-11	3.14E-07	4.95E-11	1.72E-11
4347 482363.09, 3857377.25	3.86E-07	6.08E-11	2.12E-11	3.81E-07	6.00E-11	2.09E-11	3.70E-07	5.82E-11	2.03E-11
4348 482863.09, 3857377.25	4.32E-07	6.81E-11	2.37E-11	4.27E-07	6.72E-11	2.34E-11	4.14E-07	6.53E-11	2.27E-11
4349 483363.09, 3857377.25	4.86E-07	7.65E-11	2.67E-11	4.79E-07	7.55E-11	2.63E-11	4.66E-07	7.33E-11	2.56E-11
4350 483863.09, 3857377.25	5.50E-07	8.67E-11	3.02E-11	5.43E-07	8.55E-11	2.98E-11	5.27E-07	8.31E-11	2.89E-11
4351 484363.09, 3857377.25	6.26E-07	9.87E-11	3.44E-11	6.18E-07	9.74E-11	3.39E-11	6.00E-07	9.46E-11	3.29E-11
4352 484863.09, 3857377.25	7.19E-07	1.13E-10	3.95E-11	7.10E-07	1.12E-10	3.89E-11	6.89E-07	1.09E-10	3.78E-11
4353 485363.09, 3857377.25	8.29E-07	1.31E-10	4.55E-11	8.19E-07	1.29E-10	4.49E-11	7.95E-07	1.25E-10	4.36E-11
4354 485863.09, 3857377.25	9.61E-07	1.51E-10	5.27E-11	9.49E-07	1.49E-10	5.21E-11	9.21E-07	1.45E-10	5.06E-11
4355 486363.09, 3857377.25	1.15E-06	1.82E-10	6.34E-11	1.14E-06	1.79E-10	6.25E-11	1.11E-06	1.74E-10	6.07E-11
4356 486863.09, 3857377.25	1.29E-06	2.04E-10	7.11E-11	1.28E-06	2.01E-10	7.01E-11	1.24E-06	1.95E-10	6.81E-11
4357 487363.09, 3857377.25	1.60E-06	2.52E-10	8.77E-11	1.58E-06	2.48E-10	8.65E-11	1.53E-06	2.41E-10	8.40E-11
4358 487863.09, 3857377.25	2.05E-06	3.23E-10	1.12E-10	2.02E-06	3.19E-10	1.11E-10	1.96E-06	3.09E-10	1.08E-10
4359 488363.09, 3857377.25	2.25E-06	3.55E-10	1.24E-10	2.22E-06	3.50E-10	1.22E-10	2.16E-06	3.40E-10	1.18E-10
4360 488863.09, 3857377.25	2.61E-06	4.11E-10	1.43E-10	2.57E-06	4.05E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
4361 489363.09, 3857377.25	2.98E-06	4.70E-10	1.64E-10	2.94E-06	4.64E-10	1.62E-10	2.86E-06	4.50E-10	1.57E-10
4362 489863.09, 3857377.25	3.50E-06	5.52E-10	1.92E-10	3.46E-06	5.45E-10	1.90E-10	3.36E-06	5.29E-10	1.84E-10
4363 490363.09, 3857377.25	4.28E-06	6.74E-10	2.35E-10	4.23E-06	6.66E-10	2.32E-10	4.10E-06	6.46E-10	2.25E-10
4364 490863.09, 3857377.25	6.08E-06	9.58E-10	3.34E-10	6.00E-06	9.45E-10	3.29E-10	5.83E-06	9.18E-10	3.20E-10
4365 491363.09, 3857377.25	1.46E-05	2.30E-09	8.03E-10	1.44E-05	2.27E-09	7.92E-10	1.40E-05	2.21E-09	7.70E-10
4366 491863.09, 3857377.25	2.85E-05	4.50E-09	1.57E-09	2.82E-05	4.44E-09	1.55E-09	2.74E-05	4.31E-09	1.50E-09
4367 492363.09, 3857377.25	8.67E-06	1.37E-09	4.76E-10	8.56E-06	1.35E-09	4.70E-10	8.31E-06	1.31E-09	4.56E-10
4368 492863.09, 3857377.25	4.53E-06	7.13E-10	2.48E-10	4.47E-06	7.04E-10	2.45E-10	4.34E-06	6.83E-10	2.38E-10
4369 493363.09, 3857377.25	2.82E-06	4.44E-10	1.55E-10	2.78E-06	4.38E-10	1.53E-10	2.70E-06	4.26E-10	1.48E-10
4370 493863.09, 3857377.25	2.13E-06	3.36E-10	1.17E-10	2.11E-06	3.32E-10	1.16E-10	2.05E-06	3.22E-10	1.12E-10
4371 494363.09, 3857377.25	1.62E-06	2.56E-10	8.91E-11	1.60E-06	2.52E-10	8.79E-11	1.56E-06	2.45E-10	8.54E-11
4372 494863.09, 3857377.25	1.34E-06	2.11E-10	7.36E-11	1.32E-06	2.09E-10	7.26E-11	1.29E-06	2.02E-10	7.05E-11
4373 495363.09, 3857377.25	1.13E-06	1.78E-10	6.22E-11	1.12E-06	1.76E-10	6.13E-11	1.09E-06	1.71E-10	5.96E-11
4374 495863.09, 3857377.25	1.02E-06	1.60E-10	5.57E-11	1.00E-06	1.58E-10	5.50E-11	9.73E-07	1.53E-10	5.34E-11
4375 496363.09, 3857377.25	9.32E-07	1.47E-10	5.12E-11	9.20E-07	1.45E-10	5.05E-11	8.93E-07	1.41E-10	4.90E-11
4376 496863.09, 3857377.25	8.74E-07	1.38E-10	4.80E-11	8.62E-07	1.36E-10	4.73E-11	8.37E-07	1.32E-10	4.60E-11
4377 497363.09, 3857377.25	8.62E-07	1.36E-10	4.73E-11	8.51E-07	1.34E-10	4.67E-11	8.26E-07	1.30E-10	4.53E-11
4378 497863.09, 3857377.25	8.87E-07	1.40E-10	4.87E-11	8.76E-07	1.38E-10	4.81E-11	8.50E-07	1.34E-10	4.67E-11
4379 498363.09, 3857377.25	1.05E-06	1.65E-10	5.74E-11	1.03E-06	1.62E-10	5.66E-11	1.00E-06	1.58E-10	5.50E-11
4380 471363.09, 3857877.25	8.13E-08	1.28E-11	4.46E-12	8.03E-08	1.26E-11	4.41E-12	7.80E-08	1.23E-11	4.28E-12
4381 471863.09, 3857877.25	8.35E-08	1.32E-11	4.59E-12	8.25E-08	1.30E-11	4.53E-12	8.01E-08	1.26E-11	4.39E-12
4382 472363.09, 3857877.25	8.72E-08	1.37E-11	4.79E-12	8.61E-08	1.36E-11	4.72E-12	8.36E-08	1.32E-11	4.59E-12
4383 472863.09, 3857877.25	9.34E-08	1.47E-11	5.13E-12	9.22E-08	1.45E-11	5.06E-12	8.95E-08	1.41E-11	4.91E-12
4384 473363.09, 3857877.25	9.77E-08	1.54E-11	5.36E-12	9.65E-08	1.52E-11	5.29E-12	9.37E-08	1.48E-11	5.14E-12
4385 473863.09, 3857877.25	1.04E-07	1.64E-11	5.72E-12	1.03E-07	1.62E-11	5.65E-12	9.99E-08	1.57E-11	5.48E-12
4386 474363.09, 3857877.25	9.85E-08	1.55E-11	5.41E-12	9.72E-08	1.53E-11	5.34E-12	9.44E-08	1.49E-11	5.18E-12
4387 474863.09, 3857877.25	8.00E-08	1.26E-11	4.39E-12	7.90E-08	1.24E-11	4.34E-12	7.67E-08	1.21E-11	4.21E-12
4388 475363.09, 3857877.25	5.27E-08	8.30E-12	2.89E-12	5.20E-08	8.19E-12	2.85E-12	5.05E-08	7.96E-12	2.77E-12
4389 475863.09, 3857877.25	2.88E-08	4.53E-12	1.58E-12	2.84E-08	4.47E-12	1.56E-12	2.76E-08	4.34E-12	1.51E-12
4390 476363.09, 3857877.25	5.92E-08	9.33E-12	3.25E-12	5.84E-08	9.21E-12	3.21E-12	5.67E-08	8.94E-12	3.11E-12
4391 476863.09, 3857877.25	7.01E-08	1.10E-11	3.85E-12	6.92E-08	1.09E-11	3.80E-12	6.72E-08	1.06E-11	3.69E-12
4392 477363.09, 3857877.25	7.04E-08	1.11E-11	3.86E-12	6.95E-08	1.09E-11	3.81E-12	6.75E-08	1.06E-11	3.70E-12
4393 477863.09, 3857877.25	6.90E-08	1.09E-11	3.79E-12	6.81E-08	1.07E-11	3.74E-12	6.61E-08	1.04E-11	3.63E-12
4394 478363.09, 3857877.25	4.41E-08	6.95E-12	2.42E-12	4.35E-08	6.86E-12	2.39E-12	4.23E-08	6.66E-12	2.32E-12
4395 478863.09, 3857877.25	3.83E-08	6.03E-12	2.10E-12	3.78E-08	5.95E-12	2.07E-12	3.67E-08	5.78E-12	2.01E-12
4396 479363.09, 3857877.25	1.29E-07	2.04E-11	7.10E-12	1.28E-07	2.01E-11	7.01E-12	1.24E-07	1.95E-11	6.80E-12
4397 479863.09, 3857877.25	2.02E-07	3.19E-11	1.11E-11	2.00E-07	3.14E-11	1.10E-11	1.94E-07	3.05E-11	1.06E-11
4398 480363.09, 3857877.25	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.62E-11	1.26E-11
4399 480863.09, 3857877.25	2.63E-07	4.14E-11	1.44E-11	2.59E-07	4.09E-11	1.42E-11	2.52E-07	3.97E-11	1.38E-11
4400 481363.09, 3857877.25	2.90E-07	4.57E-11	1.59E-11	2.87E-07	4.51E-11	1.57E-11	2.78E-07	4.38E-11	1.53E-11
4401 481863.09, 3857877.25	3.29E-07	5.18E-11	1.80E-11	3.25E-07	5.11E-11	1.78E-11	3.15E-07	4.97E-11	1.73E-11
4402 482363.09, 3857877.25	3.84E-07	6.05E-11	2.11E-11	3.79E-07	5.97E-11	2.08E-11	3.68E-07	5.80E-11	2.02E-11
4403 482863.09, 3857877.25	4.37E-07	6.88E-11	2.40E-11	4.31E-07	6.79E-11	2.37E-11	4.19E-07	6.60E-11	2.30E-11
4404 483363.09, 3857877.25	4.92E-07	7.75E-11	2.70E-11	4.85E-07	7.65E-11	2.66E-11	4.71E-07	7.43E-11	2.59E-11
4405 483863.09, 3857877.25	5.61E-07	8.84E-11	3.08E-11	5.54E-07	8.72E-11	3.04E-11	5.38E-07	8.47E-11	2.95E-11
4406 484363.09, 3857877.25	6.47E-07	1.02E-10	3.55E-11	6.39E-07	1.01E-10	3.51E-11	6.20E-07	9.77E-11	3.41E-11

4407	484863.09, 3857877.25	7.59E-07	1.20E-10	4.17E-11	7.49E-07	1.18E-10	4.11E-11	7.27E-07	1.15E-10	3.99E-11
4408	485363.09, 3857877.25	9.05E-07	1.42E-10	4.96E-11	8.93E-07	1.41E-10	4.90E-11	8.67E-07	1.37E-10	4.76E-11
4409	485863.09, 3857877.25	1.11E-06	1.74E-10	6.08E-11	1.09E-06	1.72E-10	6.00E-11	1.06E-06	1.67E-10	5.83E-11
4410	486363.09, 3857877.25	1.41E-06	2.21E-10	7.71E-11	1.39E-06	2.19E-10	7.61E-11	1.35E-06	2.12E-10	7.39E-11
4411	486863.09, 3857877.25	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.02E-10	1.81E-06	2.85E-10	9.95E-11
4412	487363.09, 3857877.25	2.80E-06	4.41E-10	1.54E-10	2.76E-06	4.35E-10	1.52E-10	2.68E-06	4.23E-10	1.47E-10
4413	487863.09, 3857877.25	4.63E-06	7.29E-10	2.54E-10	4.57E-06	7.19E-10	2.51E-10	4.43E-06	6.98E-10	2.43E-10
4414	488363.09, 3857877.25	6.44E-06	1.01E-09	3.53E-10	6.35E-06	1.00E-09	3.49E-10	6.17E-06	9.72E-10	3.39E-10
4415	488863.09, 3857877.25	8.60E-06	1.36E-09	4.72E-10	8.49E-06	1.34E-09	4.66E-10	8.24E-06	1.30E-09	4.52E-10
4416	489363.09, 3857877.25	8.70E-06	1.37E-09	4.78E-10	8.59E-06	1.35E-09	4.71E-10	8.34E-06	1.31E-09	4.58E-10
4417	489863.09, 3857877.25	8.88E-06	1.40E-09	4.87E-10	8.76E-06	1.38E-09	4.81E-10	8.51E-06	1.34E-09	4.67E-10
4418	490363.09, 3857877.25	1.02E-05	1.60E-09	5.58E-10	1.00E-05	1.58E-09	5.51E-10	9.74E-06	1.53E-09	5.35E-10
4419	490863.09, 3857877.25	1.39E-05	2.20E-09	7.65E-10	1.38E-05	2.17E-09	7.55E-10	1.34E-05	2.10E-09	7.33E-10
4420	491363.09, 3857877.25	7.14E-05	1.13E-08	3.92E-09	7.05E-05	1.11E-08	3.87E-09	6.85E-05	1.08E-08	3.76E-09
4421	491863.09, 3857877.25	1.73E-05	2.72E-09	9.48E-10	1.70E-05	2.68E-09	9.35E-10	1.65E-05	2.61E-09	9.08E-10
4422	492363.09, 3857877.25	7.12E-06	1.12E-09	3.91E-10	7.02E-06	1.11E-09	3.85E-10	6.82E-06	1.07E-09	3.74E-10
4423	492863.09, 3857877.25	4.07E-06	6.42E-10	2.24E-10	4.02E-06	6.33E-10	2.21E-10	3.90E-06	6.15E-10	2.14E-10
4424	493363.09, 3857877.25	2.98E-06	4.70E-10	1.64E-10	2.94E-06	4.64E-10	1.62E-10	2.86E-06	4.50E-10	1.57E-10
4425	493863.09, 3857877.25	2.38E-06	3.75E-10	1.31E-10	2.35E-06	3.70E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
4426	494363.09, 3857877.25	1.97E-06	3.10E-10	1.08E-10	1.94E-06	3.06E-10	1.07E-10	1.89E-06	2.98E-10	1.04E-10
4427	494863.09, 3857877.25	1.57E-06	2.47E-10	8.60E-11	1.55E-06	2.44E-10	8.49E-11	1.50E-06	2.37E-10	8.24E-11
4428	495363.09, 3857877.25	1.37E-06	2.15E-10	7.50E-11	1.35E-06	2.12E-10	7.40E-11	1.31E-06	2.06E-10	7.19E-11
4429	495863.09, 3857877.25	1.21E-06	1.90E-10	6.62E-11	1.19E-06	1.87E-10	6.53E-11	1.16E-06	1.82E-10	6.34E-11
4430	496363.09, 3857877.25	1.13E-06	1.78E-10	6.20E-11	1.12E-06	1.76E-10	6.12E-11	1.08E-06	1.71E-10	5.94E-11
4431	496863.09, 3857877.25	1.07E-06	1.68E-10	5.86E-11	1.05E-06	1.66E-10	5.78E-11	1.02E-06	1.61E-10	5.61E-11
4432	497363.09, 3857877.25	1.00E-06	1.57E-10	5.49E-11	9.87E-07	1.55E-10	5.41E-11	9.58E-07	1.51E-10	5.26E-11
4433	497863.09, 3857877.25	1.08E-06	1.71E-10	5.95E-11	1.07E-06	1.69E-10	5.87E-11	1.04E-06	1.64E-10	5.70E-11
4434	498363.09, 3857877.25	1.18E-06	1.86E-10	6.50E-11	1.17E-06	1.84E-10	6.41E-11	1.13E-06	1.79E-10	6.23E-11
4435	471363.09, 3858377.25	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
4436	471863.09, 3858377.25	8.26E-08	1.30E-11	4.54E-12	8.16E-08	1.28E-11	4.48E-12	7.92E-08	1.25E-11	4.35E-12
4437	472363.09, 3858377.25	8.54E-08	1.34E-11	4.69E-12	8.43E-08	1.33E-11	4.62E-12	8.18E-08	1.29E-11	4.49E-12
4438	472863.09, 3858377.25	9.01E-08	1.42E-11	4.94E-12	8.89E-08	1.40E-11	4.88E-12	8.63E-08	1.36E-11	4.74E-12
4439	473363.09, 3858377.25	9.89E-08	1.56E-11	5.43E-12	9.76E-08	1.54E-11	5.36E-12	9.48E-08	1.49E-11	5.20E-12
4440	473863.09, 3858377.25	9.98E-08	1.57E-11	5.48E-12	9.85E-08	1.55E-11	5.41E-12	9.57E-08	1.51E-11	5.25E-12
4441	474363.09, 3858377.25	9.21E-08	1.45E-11	5.06E-12	9.09E-08	1.43E-11	4.99E-12	8.83E-08	1.39E-11	4.85E-12
4442	474863.09, 3858377.25	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
4443	475363.09, 3858377.25	6.19E-08	9.76E-12	3.40E-12	6.11E-08	9.63E-12	3.36E-12	5.94E-08	9.35E-12	3.26E-12
4444	475863.09, 3858377.25	4.89E-08	7.71E-12	2.69E-12	4.83E-08	7.61E-12	2.65E-12	4.69E-08	7.39E-12	2.57E-12
4445	476363.09, 3858377.25	5.30E-08	8.34E-12	2.91E-12	5.23E-08	8.23E-12	2.87E-12	5.08E-08	8.00E-12	2.79E-12
4446	476863.09, 3858377.25	5.70E-08	8.98E-12	3.13E-12	5.63E-08	8.86E-12	3.09E-12	5.46E-08	8.61E-12	3.00E-12
4447	477363.09, 3858377.25	5.58E-08	8.79E-12	3.06E-12	5.51E-08	8.68E-12	3.02E-12	5.35E-08	8.43E-12	2.94E-12
4448	477863.09, 3858377.25	7.12E-08	1.12E-11	3.91E-12	7.03E-08	1.11E-11	3.86E-12	6.82E-08	1.07E-11	3.74E-12
4449	478363.09, 3858377.25	7.64E-08	1.20E-11	4.19E-12	7.54E-08	1.19E-11	4.14E-12	7.32E-08	1.15E-11	4.02E-12
4450	478863.09, 3858377.25	5.73E-08	9.02E-12	3.14E-12	5.65E-08	8.90E-12	3.10E-12	5.49E-08	8.65E-12	3.01E-12
4451	479363.09, 3858377.25	1.34E-07	2.11E-11	7.36E-12	1.32E-07	2.09E-11	7.27E-12	1.29E-07	2.03E-11	7.06E-12
4452	479863.09, 3858377.25	2.07E-07	3.26E-11	1.14E-11	2.04E-07	3.22E-11	1.12E-11	1.98E-07	3.13E-11	1.09E-11
4453	480363.09, 3858377.25	2.41E-07	3.80E-11	1.32E-11	2.38E-07	3.75E-11	1.31E-11	2.31E-07	3.64E-11	1.27E-11
4454	480863.09, 3858377.25	2.62E-07	4.12E-11	1.44E-11	2.58E-07	4.07E-11	1.42E-11	2.51E-07	3.95E-11	1.38E-11
4455	481363.09, 3858377.25	2.90E-07	4.57E-11	1.59E-11	2.86E-07	4.51E-11	1.57E-11	2.78E-07	4.38E-11	1.53E-11
4456	481863.09, 3858377.25	3.18E-07	5.00E-11	1.74E-11	3.14E-07	4.94E-11	1.72E-11	3.04E-07	4.80E-11	1.67E-11
4457	482363.09, 3858377.25	3.59E-07	5.65E-11	1.97E-11	3.54E-07	5.58E-11	1.94E-11	3.44E-07	5.42E-11	1.89E-11
4458	482863.09, 3858377.25	4.24E-07	6.69E-11	2.33E-11	4.19E-07	6.60E-11	2.30E-11	4.07E-07	6.41E-11	2.23E-11
4459	483363.09, 3858377.25	4.90E-07	7.71E-11	2.69E-11	4.83E-07	7.61E-11	2.65E-11	4.69E-07	7.39E-11	2.58E-11
4460	483863.09, 3858377.25	5.56E-07	8.75E-11	3.05E-11	5.48E-07	8.64E-11	3.01E-11	5.32E-07	8.39E-11	2.92E-11
4461	484363.09, 3858377.25	6.45E-07	1.02E-10	3.54E-11	6.37E-07	1.00E-10	3.49E-11	6.18E-07	9.74E-11	3.39E-11
4462	484863.09, 3858377.25	7.61E-07	1.20E-10	4.18E-11	7.51E-07	1.18E-10	4.12E-11	7.29E-07	1.15E-10	4.00E-11
4463	485363.09, 3858377.25	9.13E-07	1.44E-10	5.01E-11	9.01E-07	1.42E-10	4.95E-11	8.75E-07	1.38E-10	4.80E-11
4464	485863.09, 3858377.25	1.13E-06	1.79E-10	6.22E-11	1.12E-06	1.76E-10	6.14E-11	1.09E-06	1.71E-10	5.96E-11
4465	486363.09, 3858377.25	1.47E-06	2.31E-10	8.05E-11	1.45E-06	2.28E-10	7.95E-11	1.41E-06	2.22E-10	7.72E-11
4466	486863.09, 3858377.25	2.01E-06	3.16E-10	1.10E-10	1.98E-06	3.12E-10	1.09E-10	1.92E-06	3.03E-10	1.06E-10
4467	487363.09, 3858377.25	3.15E-06	4.97E-10	1.73E-10	3.11E-06	4.90E-10	1.71E-10	3.02E-06	4.76E-10	1.66E-10
4468	487863.09, 3858377.25	7.32E-06	1.15E-09	4.02E-10	7.22E-06	1.14E-09	3.97E-10	7.02E-06	1.11E-09	3.85E-10
4469	488363.09, 3858377.25	2.15E-05	3.38E-09	1.18E-09	2.12E-05	3.34E-09	1.16E-09	2.06E-05	3.24E-09	1.13E-09
4470	488863.09, 3858377.25	4.45E-05	7.00E-09	2.44E-09	4.39E-05	6.91E-09	2.41E-09	4.26E-05	6.71E-09	2.34E-09
4471	489363.09, 3858377.25	5.00E-05	7.88E-09	2.74E-09	4.94E-05	7.78E-09	2.71E-09	4.79E-05	7.55E-09	2.63E-09
4472	489863.09, 3858377.25	9.14E-05	1.44E-08	5.02E-09	9.02E-05	1.42E-08	4.95E-09	8.76E-05	1.38E-08	4.81E-09
4473	490363.09, 3858377.25	8.11E-05	1.28E-08	4.45E-09	8.01E-05	1.26E-08	4.39E-09	7.78E-05	1.22E-08	4.27E-09
4474	490863.09, 3858377.25	6.17E-05	9.72E-09	3.39E-09	6.09E-05	9.60E-09	3.34E-09	5.92E-05	9.32E-09	3.25E-09
4475	491363.09, 3858377.25	2.59E-05	4.07E-09	1.42E-09	2.55E-05	4.02E-09	1.40E-09	2.48E-05	3.90E-09	1.36E-09
4476	491863.09, 3858377.25	1.04E-05	1.65E-09	5.73E-10	1.03E-05	1.62E-09	5.66E-10	1.00E-05	1.58E-09	5.49E-10

4477	492363.09, 3858377.25	4.96E-06	7.82E-10	2.72E-10	4.90E-06	7.72E-10	2.69E-10	4.76E-06	7.50E-10	2.61E-10
4478	492863.09, 3858377.25	4.51E-06	7.11E-10	2.48E-10	4.45E-06	7.01E-10	2.44E-10	4.32E-06	6.81E-10	2.37E-10
4479	493363.09, 3858377.25	3.36E-06	5.29E-10	1.84E-10	3.32E-06	5.22E-10	1.82E-10	3.22E-06	5.07E-10	1.77E-10
4480	493863.09, 3858377.25	2.75E-06	4.33E-10	1.51E-10	2.71E-06	4.27E-10	1.49E-10	2.63E-06	4.15E-10	1.44E-10
4481	494363.09, 3858377.25	2.22E-06	3.50E-10	1.22E-10	2.20E-06	3.46E-10	1.20E-10	2.13E-06	3.36E-10	1.17E-10
4482	494863.09, 3858377.25	1.85E-06	2.91E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.77E-06	2.79E-10	9.73E-11
4483	495363.09, 3858377.25	1.52E-06	2.39E-10	8.33E-11	1.50E-06	2.36E-10	8.22E-11	1.45E-06	2.29E-10	7.98E-11
4484	495863.09, 3858377.25	1.38E-06	2.18E-10	7.58E-11	1.36E-06	2.15E-10	7.48E-11	1.32E-06	2.08E-10	7.26E-11
4485	496363.09, 3858377.25	1.25E-06	1.98E-10	6.89E-11	1.24E-06	1.95E-10	6.80E-11	1.20E-06	1.89E-10	6.60E-11
4486	496863.09, 3858377.25	1.23E-06	1.95E-10	6.78E-11	1.22E-06	1.92E-10	6.69E-11	1.18E-06	1.86E-10	6.50E-11
4487	497363.09, 3858377.25	1.18E-06	1.85E-10	6.45E-11	1.16E-06	1.83E-10	6.37E-11	1.13E-06	1.78E-10	6.19E-11
4488	497863.09, 3858377.25	1.24E-06	1.96E-10	6.81E-11	1.23E-06	1.93E-10	6.72E-11	1.19E-06	1.87E-10	6.53E-11
4489	498363.09, 3858377.25	1.36E-06	2.15E-10	7.48E-11	1.34E-06	2.12E-10	7.38E-11	1.31E-06	2.06E-10	7.17E-11
4490	471363.09, 3858877.25	7.48E-08	1.18E-11	4.11E-12	7.39E-08	1.16E-11	4.05E-12	7.17E-08	1.13E-11	3.94E-12
4491	471863.09, 3858877.25	7.69E-08	1.21E-11	4.22E-12	7.59E-08	1.20E-11	4.17E-12	7.37E-08	1.16E-11	4.05E-12
4492	472363.09, 3858877.25	8.17E-08	1.29E-11	4.49E-12	8.07E-08	1.27E-11	4.43E-12	7.83E-08	1.23E-11	4.30E-12
4493	472863.09, 3858877.25	8.63E-08	1.36E-11	4.74E-12	8.52E-08	1.34E-11	4.67E-12	8.27E-08	1.30E-11	4.54E-12
4494	473363.09, 3858877.25	9.32E-08	1.47E-11	5.11E-12	9.20E-08	1.45E-11	5.05E-12	8.93E-08	1.41E-11	4.90E-12
4495	473863.09, 3858877.25	9.51E-08	1.50E-11	5.22E-12	9.39E-08	1.48E-11	5.15E-12	9.12E-08	1.44E-11	5.00E-12
4496	474363.09, 3858877.25	9.11E-08	1.44E-11	5.00E-12	8.99E-08	1.42E-11	4.93E-12	8.73E-08	1.38E-11	4.79E-12
4497	474863.09, 3858877.25	5.90E-08	9.29E-12	3.24E-12	5.82E-08	9.17E-12	3.19E-12	5.65E-08	8.90E-12	3.10E-12
4498	475363.09, 3858877.25	4.81E-08	7.59E-12	2.64E-12	4.75E-08	7.49E-12	2.61E-12	4.61E-08	7.27E-12	2.53E-12
4499	475863.09, 3858877.25	5.40E-08	8.51E-12	2.96E-12	5.33E-08	8.40E-12	2.93E-12	5.18E-08	8.15E-12	2.84E-12
4500	476363.09, 3858877.25	3.79E-08	5.97E-12	2.08E-12	3.74E-08	5.89E-12	2.05E-12	3.63E-08	5.72E-12	1.99E-12
4501	476863.09, 3858877.25	4.57E-08	7.20E-12	2.51E-12	4.51E-08	7.10E-12	2.47E-12	4.38E-08	6.90E-12	2.40E-12
4502	477363.09, 3858877.25	4.80E-08	7.56E-12	2.64E-12	4.74E-08	7.47E-12	2.60E-12	4.60E-08	7.25E-12	2.53E-12
4503	477863.09, 3858877.25	5.82E-08	9.16E-12	3.19E-12	5.74E-08	9.04E-12	3.15E-12	5.58E-08	8.78E-12	3.06E-12
4504	478363.09, 3858877.25	1.00E-07	1.58E-11	5.51E-12	9.92E-08	1.56E-11	5.44E-12	9.63E-08	1.52E-11	5.28E-12
4505	478863.09, 3858877.25	9.14E-08	1.44E-11	5.01E-12	9.02E-08	1.42E-11	4.95E-12	8.76E-08	1.38E-11	4.81E-12
4506	479363.09, 3858877.25	7.95E-08	1.25E-11	4.36E-12	7.85E-08	1.24E-11	4.31E-12	7.62E-08	1.20E-11	4.18E-12
4507	479863.09, 3858877.25	2.11E-07	3.33E-11	1.16E-11	2.08E-07	3.28E-11	1.14E-11	2.02E-07	3.19E-11	1.11E-11
4508	480363.09, 3858877.25	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.29E-07	3.61E-11	1.26E-11
4509	480863.09, 3858877.25	2.66E-07	4.19E-11	1.46E-11	2.63E-07	4.14E-11	1.44E-11	2.55E-07	4.02E-11	1.40E-11
4510	481363.09, 3858877.25	2.94E-07	4.64E-11	1.61E-11	2.90E-07	4.57E-11	1.59E-11	2.82E-07	4.44E-11	1.55E-11
4511	481863.09, 3858877.25	3.28E-07	5.16E-11	1.80E-11	3.24E-07	5.10E-11	1.78E-11	3.14E-07	4.95E-11	1.72E-11
4512	482363.09, 3858877.25	3.63E-07	5.71E-11	1.99E-11	3.58E-07	5.64E-11	1.96E-11	3.48E-07	5.48E-11	1.91E-11
4513	482863.09, 3858877.25	4.12E-07	6.49E-11	2.26E-11	4.07E-07	6.41E-11	2.23E-11	3.95E-07	6.22E-11	2.17E-11
4514	483363.09, 3858877.25	4.90E-07	7.72E-11	2.69E-11	4.84E-07	7.62E-11	2.65E-11	4.70E-07	7.40E-11	2.58E-11
4515	483863.09, 3858877.25	5.55E-07	8.75E-11	3.05E-11	5.48E-07	8.63E-11	3.01E-11	5.32E-07	8.38E-11	2.92E-11
4516	484363.09, 3858877.25	6.43E-07	1.01E-10	3.53E-11	6.34E-07	9.99E-11	3.48E-11	6.16E-07	9.70E-11	3.38E-11
4517	484863.09, 3858877.25	7.57E-07	1.19E-10	4.16E-11	7.47E-07	1.18E-10	4.10E-11	7.26E-07	1.14E-10	3.98E-11
4518	485363.09, 3858877.25	9.12E-07	1.44E-10	5.00E-11	9.00E-07	1.42E-10	4.94E-11	8.74E-07	1.38E-10	4.79E-11
4519	485863.09, 3858877.25	1.14E-06	1.80E-10	6.26E-11	1.13E-06	1.77E-10	6.18E-11	1.09E-06	1.72E-10	6.00E-11
4520	486363.09, 3858877.25	1.47E-06	2.31E-10	8.06E-11	1.45E-06	2.28E-10	7.95E-11	1.41E-06	2.22E-10	7.72E-11
4521	486863.09, 3858877.25	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.90E-06	3.00E-10	1.04E-10
4522	487363.09, 3858877.25	2.83E-06	4.46E-10	1.55E-10	2.79E-06	4.40E-10	1.53E-10	2.71E-06	4.28E-10	1.49E-10
4523	487863.09, 3858877.25	4.43E-06	6.98E-10	2.43E-10	4.37E-06	6.89E-10	2.40E-10	4.25E-06	6.69E-10	2.33E-10
4524	488363.09, 3858877.25	7.70E-06	1.21E-09	4.23E-10	7.60E-06	1.20E-09	4.17E-10	7.38E-06	1.16E-09	4.05E-10
4525	488863.09, 3858877.25	1.91E-05	3.01E-09	1.05E-09	1.89E-05	2.97E-09	1.04E-09	1.83E-05	2.89E-09	1.01E-09
4526	489363.09, 3858877.25	7.56E-05	1.19E-08	4.15E-09	7.46E-05	1.17E-08	4.09E-09	7.24E-05	1.14E-08	3.98E-09
4527	489863.09, 3858877.25	2.49E-05	3.93E-09	1.37E-09	2.46E-05	3.88E-09	1.35E-09	2.39E-05	3.77E-09	1.31E-09
4528	490363.09, 3858877.25	1.70E-05	2.68E-09	9.32E-10	1.68E-05	2.64E-09	9.20E-10	1.63E-05	2.56E-09	8.93E-10
4529	490863.09, 3858877.25	1.21E-05	1.91E-09	6.66E-10	1.20E-05	1.89E-09	6.57E-10	1.16E-05	1.83E-09	6.38E-10
4530	491363.09, 3858877.25	7.20E-06	1.13E-09	3.95E-10	7.10E-06	1.12E-09	3.90E-10	6.90E-06	1.09E-09	3.79E-10
4531	491863.09, 3858877.25	4.29E-06	6.76E-10	2.35E-10	4.23E-06	6.67E-10	2.32E-10	4.11E-06	6.48E-10	2.26E-10
4532	492363.09, 3858877.25	4.74E-06	7.47E-10	2.60E-10	4.68E-06	7.37E-10	2.57E-10	4.54E-06	7.16E-10	2.49E-10
4533	492863.09, 3858877.25	5.18E-06	8.15E-10	2.84E-10	5.11E-06	8.05E-10	2.80E-10	4.96E-06	7.81E-10	2.72E-10
4534	493363.09, 3858877.25	4.13E-06	6.51E-10	2.27E-10	4.08E-06	6.43E-10	2.24E-10	3.96E-06	6.24E-10	2.17E-10
4535	493863.09, 3858877.25	2.93E-06	4.62E-10	1.61E-10	2.89E-06	4.56E-10	1.59E-10	2.81E-06	4.43E-10	1.54E-10
4536	494363.09, 3858877.25	2.49E-06	3.92E-10	1.36E-10	2.45E-06	3.87E-10	1.35E-10	2.38E-06	3.75E-10	1.31E-10
4537	494863.09, 3858877.25	2.06E-06	3.24E-10	1.13E-10	2.03E-06	3.20E-10	1.11E-10	1.97E-06	3.11E-10	1.08E-10
4538	495363.09, 3858877.25	1.72E-06	2.72E-10	9.46E-11	1.70E-06	2.68E-10	9.34E-11	1.65E-06	2.60E-10	9.07E-11
4539	495863.09, 3858877.25	1.54E-06	2.43E-10	8.46E-11	1.52E-06	2.40E-10	8.35E-11	1.48E-06	2.33E-10	8.11E-11
4540	496363.09, 3858877.25	1.44E-06	2.27E-10	7.91E-11	1.42E-06	2.24E-10	7.80E-11	1.38E-06	2.17E-10	7.58E-11
4541	496863.09, 3858877.25	1.35E-06	2.13E-10	7.43E-11	1.34E-06	2.11E-10	7.34E-11	1.30E-06	2.05E-10	7.12E-11
4542	497363.09, 3858877.25	1.27E-06	2.01E-10	6.99E-11	1.26E-06	1.98E-10	6.90E-11	1.22E-06	1.92E-10	6.70E-11
4543	497863.09, 3858877.25	1.38E-06	2.18E-10	7.60E-11	1.37E-06	2.15E-10	7.50E-11	1.33E-06	2.09E-10	7.28E-11
4544	498363.09, 3858877.25	1.48E-06	2.33E-10	8.11E-11	1.46E-06	2.30E-10	8.00E-11	1.42E-06	2.23E-10	7.77E-11
4545	471363.09, 3859377.25	7.81E-08	1.23E-11	4.29E-12	7.71E-08	1.21E-11	4.23E-12	7.48E-08	1.18E-11	4.11E-12
4546	471863.09, 3859377.25	8.17E-08	1.29E-11	4.49E-12	8.07E-08	1.27E-11	4.43E-12	7.83E-08	1.23E-11	4.30E-12

4547	472363.09, 3859377.25	8.71E-08	1.37E-11	4.78E-12	8.59E-08	1.35E-11	4.72E-12	8.34E-08	1.31E-11	4.58E-12
4548	472863.09, 3859377.25	9.21E-08	1.45E-11	5.06E-12	9.09E-08	1.43E-11	4.99E-12	8.83E-08	1.39E-11	4.85E-12
4549	473363.09, 3859377.25	9.83E-08	1.55E-11	5.39E-12	9.70E-08	1.53E-11	5.32E-12	9.42E-08	1.48E-11	5.17E-12
4550	473863.09, 3859377.25	1.03E-07	1.62E-11	5.63E-12	1.01E-07	1.59E-11	5.55E-12	9.83E-08	1.55E-11	5.39E-12
4551	474363.09, 3859377.25	9.76E-08	1.54E-11	5.36E-12	9.63E-08	1.52E-11	5.29E-12	9.35E-08	1.47E-11	5.13E-12
4552	474863.09, 3859377.25	8.20E-08	1.29E-11	4.50E-12	8.09E-08	1.27E-11	4.44E-12	7.86E-08	1.24E-11	4.31E-12
4553	475363.09, 3859377.25	6.23E-08	9.82E-12	3.42E-12	6.15E-08	9.69E-12	3.38E-12	5.97E-08	9.41E-12	3.28E-12
4554	475863.09, 3859377.25	4.42E-08	6.97E-12	2.43E-12	4.37E-08	6.88E-12	2.40E-12	4.24E-08	6.68E-12	2.33E-12
4555	476363.09, 3859377.25	4.03E-08	6.36E-12	2.21E-12	3.98E-08	6.27E-12	2.19E-12	3.87E-08	6.09E-12	2.12E-12
4556	476863.09, 3859377.25	3.40E-08	5.35E-12	1.86E-12	3.35E-08	5.28E-12	1.84E-12	3.26E-08	5.13E-12	1.79E-12
4557	477363.09, 3859377.25	3.70E-08	5.82E-12	2.03E-12	3.65E-08	5.75E-12	2.00E-12	3.54E-08	5.58E-12	1.94E-12
4558	477863.09, 3859377.25	6.34E-08	9.98E-12	3.48E-12	6.25E-08	9.85E-12	3.43E-12	6.07E-08	9.57E-12	3.33E-12
4559	478363.09, 3859377.25	9.40E-08	1.48E-11	5.16E-12	9.27E-08	1.46E-11	5.09E-12	9.00E-08	1.42E-11	4.94E-12
4560	478863.09, 3859377.25	1.36E-07	2.14E-11	7.46E-12	1.34E-07	2.11E-11	7.37E-12	1.30E-07	2.05E-11	7.15E-12
4561	479363.09, 3859377.25	1.77E-07	2.79E-11	9.71E-12	1.75E-07	2.75E-11	9.58E-12	1.69E-07	2.67E-11	9.30E-12
4562	479863.09, 3859377.25	2.14E-07	3.38E-11	1.18E-11	2.12E-07	3.33E-11	1.16E-11	2.06E-07	3.24E-11	1.13E-11
4563	480363.09, 3859377.25	2.50E-07	3.94E-11	1.37E-11	2.47E-07	3.89E-11	1.36E-11	2.40E-07	3.78E-11	1.32E-11
4564	480863.09, 3859377.25	2.79E-07	4.40E-11	1.53E-11	2.75E-07	4.34E-11	1.51E-11	2.68E-07	4.21E-11	1.47E-11
4565	481363.09, 3859377.25	3.08E-07	4.85E-11	1.69E-11	3.04E-07	4.79E-11	1.67E-11	2.95E-07	4.65E-11	1.62E-11
4566	481863.09, 3859377.25	3.39E-07	5.34E-11	1.86E-11	3.35E-07	5.27E-11	1.84E-11	3.25E-07	5.12E-11	1.78E-11
4567	482363.09, 3859377.25	3.73E-07	5.88E-11	2.05E-11	3.68E-07	5.80E-11	2.02E-11	3.58E-07	5.64E-11	1.96E-11
4568	482863.09, 3859377.25	4.19E-07	6.61E-11	2.30E-11	4.14E-07	6.52E-11	2.27E-11	4.02E-07	6.33E-11	2.21E-11
4569	483363.09, 3859377.25	4.83E-07	7.62E-11	2.65E-11	4.77E-07	7.52E-11	2.62E-11	4.63E-07	7.30E-11	2.54E-11
4570	483863.09, 3859377.25	5.46E-07	8.61E-11	3.00E-11	5.39E-07	8.49E-11	2.96E-11	5.24E-07	8.25E-11	2.87E-11
4571	484363.09, 3859377.25	6.33E-07	9.97E-11	3.47E-11	6.24E-07	9.84E-11	3.43E-11	6.06E-07	9.55E-11	3.33E-11
4572	484863.09, 3859377.25	7.45E-07	1.17E-10	4.09E-11	7.35E-07	1.16E-10	4.04E-11	7.14E-07	1.13E-10	3.92E-11
4573	485363.09, 3859377.25	8.92E-07	1.40E-10	4.89E-11	8.80E-07	1.39E-10	4.83E-11	8.55E-07	1.35E-10	4.69E-11
4574	485863.09, 3859377.25	1.10E-06	1.73E-10	6.02E-11	1.08E-06	1.71E-10	5.94E-11	1.05E-06	1.66E-10	5.77E-11
4575	486363.09, 3859377.25	1.35E-06	2.13E-10	7.42E-11	1.33E-06	2.10E-10	7.33E-11	1.30E-06	2.04E-10	7.11E-11
4576	486863.09, 3859377.25	1.74E-06	2.74E-10	9.56E-11	1.72E-06	2.71E-10	9.44E-11	1.67E-06	2.63E-10	9.16E-11
4577	487363.09, 3859377.25	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.58E-10	1.25E-10
4578	487863.09, 3859377.25	3.31E-06	5.22E-10	1.82E-10	3.27E-06	5.15E-10	1.79E-10	3.18E-06	5.00E-10	1.74E-10
4579	488363.09, 3859377.25	4.75E-06	7.48E-10	2.60E-10	4.68E-06	7.38E-10	2.57E-10	4.55E-06	7.17E-10	2.50E-10
4580	488863.09, 3859377.25	9.29E-06	1.46E-09	5.10E-10	9.17E-06	1.44E-09	5.03E-10	8.90E-06	1.40E-09	4.89E-10
4581	489363.09, 3859377.25	4.21E-05	6.63E-09	2.31E-09	4.15E-05	6.55E-09	2.28E-09	4.03E-05	6.36E-09	2.21E-09
4582	489863.09, 3859377.25	1.51E-05	2.37E-09	8.27E-10	1.49E-05	2.34E-09	8.16E-10	1.44E-05	2.27E-09	7.92E-10
4583	490363.09, 3859377.25	1.01E-05	1.60E-09	5.57E-10	1.00E-05	1.58E-09	5.50E-10	9.72E-06	1.53E-09	5.34E-10
4584	490863.09, 3859377.25	7.30E-06	1.15E-09	4.01E-10	7.21E-06	1.14E-09	3.96E-10	7.00E-06	1.10E-09	3.84E-10
4585	491363.09, 3859377.25	4.20E-06	6.62E-10	2.31E-10	4.15E-06	6.53E-10	2.28E-10	4.03E-06	6.35E-10	2.21E-10
4586	491863.09, 3859377.25	4.98E-06	7.84E-10	2.73E-10	4.91E-06	7.74E-10	2.70E-10	4.77E-06	7.51E-10	2.62E-10
4587	492363.09, 3859377.25	4.49E-06	7.08E-10	2.47E-10	4.43E-06	6.98E-10	2.43E-10	4.31E-06	6.78E-10	2.36E-10
4588	492863.09, 3859377.25	4.14E-06	6.53E-10	2.27E-10	4.09E-06	6.44E-10	2.24E-10	3.97E-06	6.26E-10	2.18E-10
4589	493363.09, 3859377.25	3.49E-06	5.49E-10	1.91E-10	3.44E-06	5.42E-10	1.89E-10	3.34E-06	5.26E-10	1.83E-10
4590	493863.09, 3859377.25	3.18E-06	5.01E-10	1.74E-10	3.14E-06	4.94E-10	1.72E-10	3.05E-06	4.80E-10	1.67E-10
4591	494363.09, 3859377.25	2.76E-06	4.35E-10	1.52E-10	2.73E-06	4.30E-10	1.50E-10	2.65E-06	4.17E-10	1.45E-10
4592	494863.09, 3859377.25	2.19E-06	3.46E-10	1.20E-10	2.16E-06	3.41E-10	1.19E-10	2.10E-06	3.31E-10	1.15E-10
4593	495363.09, 3859377.25	2.00E-06	3.15E-10	1.10E-10	1.97E-06	3.11E-10	1.08E-10	1.92E-06	3.02E-10	1.05E-10
4594	495863.09, 3859377.25	1.76E-06	2.77E-10	9.65E-11	1.74E-06	2.73E-10	9.53E-11	1.69E-06	2.66E-10	9.25E-11
4595	496363.09, 3859377.25	1.68E-06	2.65E-10	9.23E-11	1.66E-06	2.61E-10	9.11E-11	1.61E-06	2.54E-10	8.84E-11
4596	496863.09, 3859377.25	1.43E-06	2.26E-10	7.87E-11	1.41E-06	2.23E-10	7.76E-11	1.37E-06	2.16E-10	7.54E-11
4597	497363.09, 3859377.25	1.44E-06	2.27E-10	7.90E-11	1.42E-06	2.24E-10	7.80E-11	1.38E-06	2.17E-10	7.57E-11
4598	497863.09, 3859377.25	1.51E-06	2.38E-10	8.30E-11	1.49E-06	2.35E-10	8.19E-11	1.45E-06	2.28E-10	7.95E-11
4599	498363.09, 3859377.25	1.51E-06	2.37E-10	8.27E-11	1.49E-06	2.34E-10	8.16E-11	1.44E-06	2.28E-10	7.93E-11
4600	471363.09, 3859877.25	8.51E-08	1.34E-11	4.67E-12	8.40E-08	1.32E-11	4.61E-12	8.16E-08	1.28E-11	4.48E-12
4601	471863.09, 3859877.25	8.95E-08	1.41E-11	4.91E-12	8.84E-08	1.39E-11	4.85E-12	8.58E-08	1.35E-11	4.71E-12
4602	472363.09, 3859877.25	9.37E-08	1.48E-11	5.14E-12	9.25E-08	1.46E-11	5.08E-12	8.98E-08	1.41E-11	4.93E-12
4603	472863.09, 3859877.25	9.97E-08	1.57E-11	5.47E-12	9.84E-08	1.55E-11	5.40E-12	9.55E-08	1.51E-11	5.24E-12
4604	473363.09, 3859877.25	1.06E-07	1.66E-11	5.79E-12	1.04E-07	1.64E-11	5.72E-12	1.01E-07	1.59E-11	5.55E-12
4605	473863.09, 3859877.25	1.11E-07	1.75E-11	6.09E-12	1.10E-07	1.73E-11	6.01E-12	1.06E-07	1.68E-11	5.84E-12
4606	474363.09, 3859877.25	1.08E-07	1.70E-11	5.93E-12	1.07E-07	1.68E-11	5.85E-12	1.04E-07	1.63E-11	5.68E-12
4607	474863.09, 3859877.25	9.88E-08	1.56E-11	5.42E-12	9.75E-08	1.54E-11	5.35E-12	9.47E-08	1.49E-11	5.20E-12
4608	475363.09, 3859877.25	7.11E-08	1.12E-11	3.90E-12	7.01E-08	1.10E-11	3.85E-12	6.81E-08	1.07E-11	3.74E-12
4609	475863.09, 3859877.25	4.16E-08	6.56E-12	2.29E-12	4.11E-08	6.47E-12	2.26E-12	3.99E-08	6.29E-12	2.19E-12
4610	476363.09, 3859877.25	2.75E-08	4.33E-12	1.51E-12	2.71E-08	4.27E-12	1.49E-12	2.63E-08	4.15E-12	1.44E-12
4611	476863.09, 3859877.25	3.14E-08	4.94E-12	1.72E-12	3.10E-08	4.88E-12	1.70E-12	3.01E-08	4.74E-12	1.65E-12
4612	477363.09, 3859877.25	3.37E-08	5.31E-12	1.85E-12	3.33E-08	5.24E-12	1.83E-12	3.23E-08	5.09E-12	1.77E-12
4613	477863.09, 3859877.25	5.66E-08	8.92E-12	3.11E-12	5.59E-08	8.80E-12	3.07E-12	5.43E-08	8.55E-12	2.98E-12
4614	478363.09, 3859877.25	9.17E-08	1.45E-11	5.04E-12	9.05E-08	1.43E-11	4.97E-12	8.79E-08	1.39E-11	4.83E-12
4615	478863.09, 3859877.25	1.34E-07	2.10E-11	7.33E-12	1.32E-07	2.08E-11	7.23E-12	1.28E-07	2.02E-11	7.02E-12
4616	479363.09, 3859877.25	1.80E-07	2.83E-11	9.86E-12	1.77E-07	2.79E-11	9.73E-12	1.72E-07	2.71E-11	9.45E-12

4617	479863.09, 3859877.25	2.15E-07	3.38E-11	1.18E-11	2.12E-07	3.34E-11	1.16E-11	2.06E-07	3.24E-11	1.13E-11
4618	480363.09, 3859877.25	2.45E-07	3.86E-11	1.35E-11	2.42E-07	3.81E-11	1.33E-11	2.35E-07	3.70E-11	1.29E-11
4619	480863.09, 3859877.25	2.71E-07	4.26E-11	1.49E-11	2.67E-07	4.21E-11	1.47E-11	2.59E-07	4.09E-11	1.42E-11
4620	481363.09, 3859877.25	2.98E-07	4.70E-11	1.64E-11	2.94E-07	4.64E-11	1.61E-11	2.86E-07	4.50E-11	1.57E-11
4621	481863.09, 3859877.25	3.28E-07	5.17E-11	1.80E-11	3.24E-07	5.10E-11	1.78E-11	3.14E-07	4.95E-11	1.72E-11
4622	482363.09, 3859877.25	3.66E-07	5.77E-11	2.01E-11	3.61E-07	5.69E-11	1.98E-11	3.51E-07	5.53E-11	1.93E-11
4623	482863.09, 3859877.25	4.14E-07	6.52E-11	2.27E-11	4.09E-07	6.44E-11	2.24E-11	3.97E-07	6.25E-11	2.18E-11
4624	483363.09, 3859877.25	4.73E-07	7.46E-11	2.60E-11	4.67E-07	7.36E-11	2.56E-11	4.54E-07	7.15E-11	2.49E-11
4625	483863.09, 3859877.25	5.43E-07	8.55E-11	2.98E-11	5.36E-07	8.44E-11	2.94E-11	5.20E-07	8.19E-11	2.85E-11
4626	484363.09, 3859877.25	6.27E-07	9.88E-11	3.44E-11	6.19E-07	9.75E-11	3.40E-11	6.01E-07	9.46E-11	3.30E-11
4627	484863.09, 3859877.25	7.44E-07	1.17E-10	4.08E-11	7.34E-07	1.16E-10	4.03E-11	7.13E-07	1.12E-10	3.91E-11
4628	485363.09, 3859877.25	8.70E-07	1.37E-10	4.78E-11	8.59E-07	1.35E-10	4.71E-11	8.34E-07	1.31E-10	4.58E-11
4629	485863.09, 3859877.25	1.03E-06	1.62E-10	5.66E-11	1.02E-06	1.60E-10	5.58E-11	9.88E-07	1.56E-10	5.42E-11
4630	486363.09, 3859877.25	1.25E-06	1.96E-10	6.85E-11	1.23E-06	1.94E-10	6.76E-11	1.20E-06	1.88E-10	6.56E-11
4631	486863.09, 3859877.25	1.55E-06	2.44E-10	8.48E-11	1.53E-06	2.40E-10	8.37E-11	1.48E-06	2.33E-10	8.13E-11
4632	487363.09, 3859877.25	1.85E-06	2.92E-10	1.02E-10	1.83E-06	2.88E-10	1.00E-10	1.78E-06	2.80E-10	9.75E-11
4633	487863.09, 3859877.25	2.37E-06	3.73E-10	1.30E-10	2.34E-06	3.68E-10	1.28E-10	2.27E-06	3.57E-10	1.24E-10
4634	488363.09, 3859877.25	3.05E-06	4.81E-10	1.68E-10	3.01E-06	4.75E-10	1.65E-10	2.93E-06	4.61E-10	1.61E-10
4635	488863.09, 3859877.25	4.39E-06	6.92E-10	2.41E-10	4.34E-06	6.83E-10	2.38E-10	4.21E-06	6.63E-10	2.31E-10
4636	489363.09, 3859877.25	7.86E-06	1.24E-09	4.31E-10	7.76E-06	1.22E-09	4.26E-10	7.53E-06	1.19E-09	4.13E-10
4637	489863.09, 3859877.25	5.44E-06	8.57E-10	2.98E-10	5.37E-06	8.45E-10	2.95E-10	5.21E-06	8.21E-10	2.86E-10
4638	490363.09, 3859877.25	4.82E-06	7.59E-10	2.64E-10	4.76E-06	7.49E-10	2.61E-10	4.62E-06	7.27E-10	2.53E-10
4639	490863.09, 3859877.25	4.95E-06	7.79E-10	2.71E-10	4.88E-06	7.69E-10	2.68E-10	4.74E-06	7.47E-10	2.60E-10
4640	491363.09, 3859877.25	4.53E-06	7.14E-10	2.49E-10	4.47E-06	7.05E-10	2.45E-10	4.34E-06	6.84E-10	2.38E-10
4641	491863.09, 3859877.25	3.85E-06	6.07E-10	2.11E-10	3.80E-06	5.99E-10	2.09E-10	3.69E-06	5.82E-10	2.03E-10
4642	492363.09, 3859877.25	3.46E-06	5.45E-10	1.90E-10	3.42E-06	5.38E-10	1.88E-10	3.32E-06	5.23E-10	1.82E-10
4643	492863.09, 3859877.25	3.13E-06	4.94E-10	1.72E-10	3.09E-06	4.87E-10	1.70E-10	3.00E-06	4.73E-10	1.65E-10
4644	493363.09, 3859877.25	2.88E-06	4.53E-10	1.58E-10	2.84E-06	4.47E-10	1.56E-10	2.76E-06	4.35E-10	1.51E-10
4645	493863.09, 3859877.25	2.65E-06	4.17E-10	1.45E-10	2.61E-06	4.12E-10	1.44E-10	2.54E-06	4.00E-10	1.39E-10
4646	494363.09, 3859877.25	2.39E-06	3.77E-10	1.31E-10	2.36E-06	3.72E-10	1.30E-10	2.30E-06	3.62E-10	1.26E-10
4647	494863.09, 3859877.25	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.46E-10	1.21E-10	2.13E-06	3.36E-10	1.17E-10
4648	495363.09, 3859877.25	2.03E-06	3.20E-10	1.11E-10	2.00E-06	3.16E-10	1.10E-10	1.95E-06	3.06E-10	1.07E-10
4649	495863.09, 3859877.25	1.84E-06	2.89E-10	1.01E-10	1.81E-06	2.85E-10	9.94E-11	1.76E-06	2.77E-10	9.65E-11
4650	496363.09, 3859877.25	1.58E-06	2.49E-10	8.67E-11	1.56E-06	2.46E-10	8.56E-11	1.51E-06	2.39E-10	8.31E-11
4651	496863.09, 3859877.25	1.12E-06	1.77E-10	6.16E-11	1.11E-06	1.74E-10	6.07E-11	1.07E-06	1.69E-10	5.90E-11
4652	497363.09, 3859877.25	1.34E-06	2.11E-10	7.37E-11	1.32E-06	2.09E-10	7.27E-11	1.29E-06	2.03E-10	7.06E-11
4653	497863.09, 3859877.25	1.46E-06	2.30E-10	8.00E-11	1.44E-06	2.27E-10	7.89E-11	1.40E-06	2.20E-10	7.66E-11
4654	498363.09, 3859877.25	1.41E-06	2.23E-10	7.76E-11	1.40E-06	2.20E-10	7.66E-11	1.36E-06	2.14E-10	7.44E-11
4655	471363.09, 3860377.25	9.01E-08	1.42E-11	4.94E-12	8.89E-08	1.40E-11	4.88E-12	8.63E-08	1.36E-11	4.74E-12
4656	471863.09, 3860377.25	9.41E-08	1.48E-11	5.16E-12	9.29E-08	1.46E-11	5.10E-12	9.02E-08	1.42E-11	4.95E-12
4657	472363.09, 3860377.25	9.86E-08	1.55E-11	5.41E-12	9.74E-08	1.53E-11	5.34E-12	9.45E-08	1.49E-11	5.19E-12
4658	472863.09, 3860377.25	1.04E-07	1.63E-11	5.69E-12	1.02E-07	1.61E-11	5.62E-12	9.94E-08	1.57E-11	5.46E-12
4659	473363.09, 3860377.25	1.09E-07	1.71E-11	5.96E-12	1.07E-07	1.69E-11	5.89E-12	1.04E-07	1.64E-11	5.72E-12
4660	473863.09, 3860377.25	1.13E-07	1.78E-11	6.20E-12	1.11E-07	1.76E-11	6.12E-12	1.08E-07	1.71E-11	5.94E-12
4661	474363.09, 3860377.25	1.15E-07	1.81E-11	6.29E-12	1.13E-07	1.78E-11	6.21E-12	1.10E-07	1.73E-11	6.03E-12
4662	474863.09, 3860377.25	1.13E-07	1.78E-11	6.20E-12	1.11E-07	1.76E-11	6.12E-12	1.08E-07	1.71E-11	5.94E-12
4663	475363.09, 3860377.25	1.04E-07	1.63E-11	5.69E-12	1.02E-07	1.61E-11	5.62E-12	9.94E-08	1.57E-11	5.46E-12
4664	475863.09, 3860377.25	9.11E-08	1.44E-11	5.00E-12	8.99E-08	1.42E-11	4.93E-12	8.73E-08	1.38E-11	4.79E-12
4665	476363.09, 3860377.25	7.57E-08	1.19E-11	4.16E-12	7.48E-08	1.18E-11	4.10E-12	7.26E-08	1.14E-11	3.98E-12
4666	476863.09, 3860377.25	6.98E-08	1.10E-11	3.83E-12	6.88E-08	1.08E-11	3.78E-12	6.69E-08	1.05E-11	3.67E-12
4667	477363.09, 3860377.25	4.65E-08	7.32E-12	2.55E-12	4.59E-08	7.22E-12	2.52E-12	4.45E-08	7.01E-12	2.44E-12
4668	477863.09, 3860377.25	5.74E-08	9.04E-12	3.15E-12	5.66E-08	8.92E-12	3.11E-12	5.50E-08	8.66E-12	3.02E-12
4669	478363.09, 3860377.25	9.55E-08	1.50E-11	5.24E-12	9.43E-08	1.49E-11	5.17E-12	9.15E-08	1.44E-11	5.02E-12
4670	478863.09, 3860377.25	1.31E-07	2.06E-11	7.19E-12	1.29E-07	2.04E-11	7.10E-12	1.26E-07	1.98E-11	6.89E-12
4671	479363.09, 3860377.25	1.73E-07	2.72E-11	9.49E-12	1.71E-07	2.69E-11	9.37E-12	1.66E-07	2.61E-11	9.10E-12
4672	479863.09, 3860377.25	2.11E-07	3.33E-11	1.16E-11	2.08E-07	3.28E-11	1.14E-11	2.02E-07	3.19E-11	1.11E-11
4673	480363.09, 3860377.25	2.41E-07	3.80E-11	1.32E-11	2.38E-07	3.75E-11	1.31E-11	2.31E-07	3.64E-11	1.27E-11
4674	480863.09, 3860377.25	2.69E-07	4.24E-11	1.48E-11	2.66E-07	4.19E-11	1.46E-11	2.58E-07	4.07E-11	1.42E-11
4675	481363.09, 3860377.25	2.99E-07	4.71E-11	1.64E-11	2.95E-07	4.65E-11	1.62E-11	2.86E-07	4.51E-11	1.57E-11
4676	481863.09, 3860377.25	3.34E-07	5.26E-11	1.83E-11	3.30E-07	5.20E-11	1.81E-11	3.20E-07	5.05E-11	1.76E-11
4677	482363.09, 3860377.25	3.73E-07	5.88E-11	2.05E-11	3.68E-07	5.80E-11	2.02E-11	3.58E-07	5.64E-11	1.96E-11
4678	482863.09, 3860377.25	4.20E-07	6.61E-11	2.30E-11	4.14E-07	6.53E-11	2.27E-11	4.02E-07	6.34E-11	2.21E-11
4679	483363.09, 3860377.25	4.84E-07	7.63E-11	2.66E-11	4.78E-07	7.53E-11	2.62E-11	4.64E-07	7.31E-11	2.55E-11
4680	483863.09, 3860377.25	5.60E-07	8.82E-11	3.07E-11	5.52E-07	8.70E-11	3.03E-11	5.36E-07	8.45E-11	2.94E-11
4681	484363.09, 3860377.25	6.22E-07	9.80E-11	3.41E-11	6.14E-07	9.67E-11	3.37E-11	5.96E-07	9.39E-11	3.27E-11
4682	484863.09, 3860377.25	7.02E-07	1.11E-10	3.85E-11	6.93E-07	1.09E-10	3.80E-11	6.73E-07	1.06E-10	3.69E-11
4683	485363.09, 3860377.25	8.13E-07	1.28E-10	4.46E-11	8.02E-07	1.26E-10	4.40E-11	7.79E-07	1.23E-10	4.27E-11
4684	485863.09, 3860377.25	9.40E-07	1.48E-10	5.16E-11	9.28E-07	1.46E-10	5.09E-11	9.01E-07	1.42E-10	4.94E-11
4685	486363.09, 3860377.25	1.06E-06	1.68E-10	5.84E-11	1.05E-06	1.65E-10	5.76E-11	1.02E-06	1.61E-10	5.60E-11
4686	486863.09, 3860377.25	1.22E-06	1.92E-10	6.69E-11	1.20E-06	1.89E-10	6.60E-11	1.17E-06	1.84E-10	6.41E-11

4687	487363.09, 3860377.25	1.41E-06	2.22E-10	7.72E-11	1.39E-06	2.19E-10	7.62E-11	1.35E-06	2.12E-10	7.40E-11
4688	487863.09, 3860377.25	1.72E-06	2.71E-10	9.45E-11	1.70E-06	2.68E-10	9.33E-11	1.65E-06	2.60E-10	9.06E-11
4689	488363.09, 3860377.25	2.13E-06	3.36E-10	1.17E-10	2.10E-06	3.32E-10	1.16E-10	2.04E-06	3.22E-10	1.12E-10
4690	488863.09, 3860377.25	2.79E-06	4.40E-10	1.53E-10	2.76E-06	4.34E-10	1.51E-10	2.68E-06	4.22E-10	1.47E-10
4691	489363.09, 3860377.25	5.91E-06	9.30E-10	3.24E-10	5.83E-06	9.18E-10	3.20E-10	5.66E-06	8.92E-10	3.11E-10
4692	489863.09, 3860377.25	3.37E-06	5.31E-10	1.85E-10	3.33E-06	5.24E-10	1.83E-10	3.23E-06	5.09E-10	1.77E-10
4693	490363.09, 3860377.25	2.90E-06	4.57E-10	1.59E-10	2.86E-06	4.51E-10	1.57E-10	2.78E-06	4.38E-10	1.53E-10
4694	490863.09, 3860377.25	2.67E-06	4.20E-10	1.46E-10	2.63E-06	4.14E-10	1.44E-10	2.55E-06	4.02E-10	1.40E-10
4695	491363.09, 3860377.25	2.45E-06	3.86E-10	1.34E-10	2.42E-06	3.80E-10	1.33E-10	2.35E-06	3.69E-10	1.29E-10
4696	491863.09, 3860377.25	2.38E-06	3.74E-10	1.30E-10	2.34E-06	3.69E-10	1.29E-10	2.28E-06	3.59E-10	1.25E-10
4697	492363.09, 3860377.25	2.36E-06	3.72E-10	1.29E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
4698	492863.09, 3860377.25	2.23E-06	3.51E-10	1.22E-10	2.20E-06	3.46E-10	1.21E-10	2.13E-06	3.36E-10	1.17E-10
4699	493363.09, 3860377.25	2.13E-06	3.35E-10	1.17E-10	2.10E-06	3.31E-10	1.15E-10	2.04E-06	3.21E-10	1.12E-10
4700	493863.09, 3860377.25	2.01E-06	3.17E-10	1.10E-10	1.99E-06	3.13E-10	1.09E-10	1.93E-06	3.04E-10	1.06E-10
4701	494363.09, 3860377.25	1.92E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.84E-06	2.90E-10	1.01E-10
4702	494863.09, 3860377.25	1.81E-06	2.86E-10	9.95E-11	1.79E-06	2.82E-10	9.82E-11	1.74E-06	2.74E-10	9.54E-11
4703	495363.09, 3860377.25	1.72E-06	2.71E-10	9.43E-11	1.70E-06	2.67E-10	9.31E-11	1.65E-06	2.59E-10	9.04E-11
4704	495863.09, 3860377.25	1.58E-06	2.49E-10	8.69E-11	1.56E-06	2.46E-10	8.57E-11	1.52E-06	2.39E-10	8.33E-11
4705	496363.09, 3860377.25	1.41E-06	2.23E-10	7.76E-11	1.39E-06	2.20E-10	7.66E-11	1.35E-06	2.13E-10	7.43E-11
4706	496863.09, 3860377.25	1.26E-06	1.99E-10	6.92E-11	1.24E-06	1.96E-10	6.83E-11	1.21E-06	1.90E-10	6.63E-11
4707	497363.09, 3860377.25	1.09E-06	1.71E-10	5.96E-11	1.07E-06	1.69E-10	5.88E-11	1.04E-06	1.64E-10	5.71E-11
4708	497863.09, 3860377.25	1.21E-06	1.91E-10	6.67E-11	1.20E-06	1.89E-10	6.58E-11	1.16E-06	1.83E-10	6.39E-11
4709	498363.09, 3860377.25	1.23E-06	1.94E-10	6.77E-11	1.22E-06	1.92E-10	6.68E-11	1.18E-06	1.86E-10	6.48E-11
4710	471363.09, 3860877.25	8.95E-08	1.41E-11	4.91E-12	8.84E-08	1.39E-11	4.85E-12	8.58E-08	1.35E-11	4.71E-12
4711	471863.09, 3860877.25	9.30E-08	1.47E-11	5.11E-12	9.18E-08	1.45E-11	5.04E-12	8.92E-08	1.40E-11	4.89E-12
4712	472363.09, 3860877.25	9.66E-08	1.52E-11	5.30E-12	9.53E-08	1.50E-11	5.23E-12	9.25E-08	1.46E-11	5.08E-12
4713	472863.09, 3860877.25	1.01E-07	1.59E-11	5.54E-12	9.95E-08	1.57E-11	5.46E-12	9.67E-08	1.52E-11	5.30E-12
4714	473363.09, 3860877.25	1.05E-07	1.65E-11	5.74E-12	1.03E-07	1.63E-11	5.67E-12	1.00E-07	1.58E-11	5.50E-12
4715	473863.09, 3860877.25	1.09E-07	1.71E-11	5.96E-12	1.07E-07	1.69E-11	5.88E-12	1.04E-07	1.64E-11	5.71E-12
4716	474363.09, 3860877.25	1.12E-07	1.76E-11	6.14E-12	1.10E-07	1.74E-11	6.06E-12	1.07E-07	1.69E-11	5.88E-12
4717	474863.09, 3860877.25	1.16E-07	1.83E-11	6.36E-12	1.14E-07	1.80E-11	6.28E-12	1.11E-07	1.75E-11	6.10E-12
4718	475363.09, 3860877.25	1.16E-07	1.83E-11	6.39E-12	1.15E-07	1.81E-11	6.31E-12	1.12E-07	1.76E-11	6.13E-12
4719	475863.09, 3860877.25	1.13E-07	1.78E-11	6.21E-12	1.12E-07	1.76E-11	6.13E-12	1.09E-07	1.71E-11	5.96E-12
4720	476363.09, 3860877.25	1.06E-07	1.67E-11	5.82E-12	1.05E-07	1.65E-11	5.74E-12	1.02E-07	1.60E-11	5.58E-12
4721	476863.09, 3860877.25	1.05E-07	1.65E-11	5.76E-12	1.04E-07	1.63E-11	5.68E-12	1.01E-07	1.58E-11	5.52E-12
4722	477363.09, 3860877.25	1.09E-07	1.72E-11	6.00E-12	1.08E-07	1.70E-11	5.92E-12	1.05E-07	1.65E-11	5.75E-12
4723	477863.09, 3860877.25	9.97E-08	1.57E-11	5.47E-12	9.84E-08	1.55E-11	5.40E-12	9.55E-08	1.51E-11	5.24E-12
4724	478363.09, 3860877.25	6.82E-08	1.07E-11	3.74E-12	6.73E-08	1.06E-11	3.69E-12	6.54E-08	1.03E-11	3.59E-12
4725	478863.09, 3860877.25	1.27E-07	1.99E-11	6.95E-12	1.25E-07	1.97E-11	6.86E-12	1.21E-07	1.91E-11	6.66E-12
4726	479363.09, 3860877.25	1.74E-07	2.74E-11	9.55E-12	1.72E-07	2.71E-11	9.42E-12	1.67E-07	2.63E-11	9.15E-12
4727	479863.09, 3860877.25	2.15E-07	3.38E-11	1.18E-11	2.12E-07	3.34E-11	1.16E-11	2.06E-07	3.24E-11	1.13E-11
4728	480363.09, 3860877.25	2.48E-07	3.91E-11	1.36E-11	2.45E-07	3.86E-11	1.34E-11	2.38E-07	3.74E-11	1.30E-11
4729	480863.09, 3860877.25	2.77E-07	4.36E-11	1.52E-11	2.73E-07	4.30E-11	1.50E-11	2.65E-07	4.18E-11	1.46E-11
4730	481363.09, 3860877.25	3.07E-07	4.84E-11	1.69E-11	3.03E-07	4.78E-11	1.66E-11	2.95E-07	4.64E-11	1.62E-11
4731	481863.09, 3860877.25	3.41E-07	5.37E-11	1.87E-11	3.36E-07	5.30E-11	1.85E-11	3.27E-07	5.15E-11	1.79E-11
4732	482363.09, 3860877.25	3.83E-07	6.03E-11	2.10E-11	3.78E-07	5.95E-11	2.07E-11	3.67E-07	5.78E-11	2.01E-11
4733	482863.09, 3860877.25	4.30E-07	6.78E-11	2.36E-11	4.25E-07	6.69E-11	2.33E-11	4.13E-07	6.50E-11	2.26E-11
4734	483363.09, 3860877.25	4.77E-07	7.51E-11	2.62E-11	4.70E-07	7.41E-11	2.58E-11	4.57E-07	7.20E-11	2.51E-11
4735	483863.09, 3860877.25	5.28E-07	8.32E-11	2.90E-11	5.21E-07	8.21E-11	2.86E-11	5.06E-07	7.97E-11	2.78E-11
4736	484363.09, 3860877.25	5.96E-07	9.39E-11	3.27E-11	5.88E-07	9.27E-11	3.23E-11	5.71E-07	9.00E-11	3.14E-11
4737	484863.09, 3860877.25	6.60E-07	1.04E-10	3.62E-11	6.51E-07	1.03E-10	3.57E-11	6.32E-07	9.96E-11	3.47E-11
4738	485363.09, 3860877.25	7.19E-07	1.13E-10	3.95E-11	7.10E-07	1.12E-10	3.90E-11	6.89E-07	1.09E-10	3.78E-11
4739	485863.09, 3860877.25	7.91E-07	1.25E-10	4.34E-11	7.80E-07	1.23E-10	4.28E-11	7.58E-07	1.19E-10	4.16E-11
4740	486363.09, 3860877.25	8.72E-07	1.37E-10	4.78E-11	8.60E-07	1.36E-10	4.72E-11	8.36E-07	1.32E-10	4.59E-11
4741	486863.09, 3860877.25	9.87E-07	1.56E-10	5.42E-11	9.74E-07	1.53E-10	5.35E-11	9.46E-07	1.49E-10	5.19E-11
4742	487363.09, 3860877.25	1.15E-06	1.82E-10	6.33E-11	1.14E-06	1.79E-10	6.25E-11	1.11E-06	1.74E-10	6.07E-11
4743	487863.09, 3860877.25	1.36E-06	2.14E-10	7.44E-11	1.34E-06	2.11E-10	7.35E-11	1.30E-06	2.05E-10	7.13E-11
4744	488363.09, 3860877.25	1.65E-06	2.60E-10	9.04E-11	1.63E-06	2.56E-10	8.93E-11	1.58E-06	2.49E-10	8.67E-11
4745	488863.09, 3860877.25	2.17E-06	3.42E-10	1.19E-10	2.14E-06	3.38E-10	1.18E-10	2.08E-06	3.28E-10	1.14E-10
4746	489363.09, 3860877.25	4.95E-06	7.79E-10	2.72E-10	4.88E-06	7.69E-10	2.68E-10	4.74E-06	7.47E-10	2.60E-10
4747	489863.09, 3860877.25	2.61E-06	4.11E-10	1.43E-10	2.58E-06	4.06E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
4748	490363.09, 3860877.25	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.26E-10	1.13E-10
4749	490863.09, 3860877.25	1.95E-06	3.08E-10	1.07E-10	1.93E-06	3.04E-10	1.06E-10	1.87E-06	2.95E-10	1.03E-10
4750	491363.09, 3860877.25	1.80E-06	2.84E-10	9.88E-11	1.78E-06	2.80E-10	9.75E-11	1.73E-06	2.72E-10	9.47E-11
4751	491863.09, 3860877.25	1.69E-06	2.66E-10	9.25E-11	1.66E-06	2.62E-10	9.13E-11	1.62E-06	2.54E-10	8.86E-11
4752	492363.09, 3860877.25	1.58E-06	2.49E-10	8.66E-11	1.56E-06	2.45E-10	8.55E-11	1.51E-06	2.38E-10	8.30E-11
4753	492863.09, 3860877.25	1.57E-06	2.47E-10	8.60E-11	1.55E-06	2.44E-10	8.48E-11	1.50E-06	2.37E-10	8.24E-11
4754	493363.09, 3860877.25	1.57E-06	2.47E-10	8.60E-11	1.55E-06	2.44E-10	8.49E-11	1.50E-06	2.37E-10	8.24E-11
4755	493863.09, 3860877.25	1.50E-06	2.36E-10	8.24E-11	1.48E-06	2.33E-10	8.13E-11	1.44E-06	2.27E-10	7.90E-11
4756	494363.09, 3860877.25	1.45E-06	2.28E-10	7.93E-11	1.43E-06	2.25E-10	7.83E-11	1.39E-06	2.18E-10	7.60E-11

4757	494863.09, 3860877.25	1.40E-06	2.21E-10	7.70E-11	1.38E-06	2.18E-10	7.60E-11	1.34E-06	2.12E-10	7.38E-11
4758	495363.09, 3860877.25	1.36E-06	2.14E-10	7.44E-11	1.34E-06	2.11E-10	7.34E-11	1.30E-06	2.05E-10	7.13E-11
4759	495863.09, 3860877.25	1.30E-06	2.04E-10	7.12E-11	1.28E-06	2.02E-10	7.02E-11	1.24E-06	1.96E-10	6.82E-11
4760	496363.09, 3860877.25	1.25E-06	1.98E-10	6.88E-11	1.24E-06	1.95E-10	6.79E-11	1.20E-06	1.89E-10	6.60E-11
4761	496863.09, 3860877.25	1.18E-06	1.85E-10	6.45E-11	1.16E-06	1.83E-10	6.37E-11	1.13E-06	1.78E-10	6.19E-11
4762	497363.09, 3860877.25	1.13E-06	1.77E-10	6.18E-11	1.11E-06	1.75E-10	6.10E-11	1.08E-06	1.70E-10	5.92E-11
4763	497863.09, 3860877.25	1.07E-06	1.68E-10	5.86E-11	1.05E-06	1.66E-10	5.78E-11	1.02E-06	1.61E-10	5.62E-11
4764	498363.09, 3860877.25	1.05E-06	1.66E-10	5.77E-11	1.04E-06	1.63E-10	5.69E-11	1.01E-06	1.59E-10	5.53E-11
4765	471363.09, 3861377.25	8.59E-08	1.35E-11	4.71E-12	8.48E-08	1.34E-11	4.65E-12	8.23E-08	1.30E-11	4.52E-12
4766	471863.09, 3861377.25	8.91E-08	1.40E-11	4.89E-12	8.80E-08	1.39E-11	4.83E-12	8.54E-08	1.35E-11	4.69E-12
4767	472363.09, 3861377.25	9.27E-08	1.46E-11	5.09E-12	9.14E-08	1.44E-11	5.02E-12	8.88E-08	1.40E-11	4.87E-12
4768	472863.09, 3861377.25	9.70E-08	1.53E-11	5.32E-12	9.57E-08	1.51E-11	5.25E-12	9.29E-08	1.46E-11	5.10E-12
4769	473363.09, 3861377.25	1.01E-07	1.59E-11	5.55E-12	9.98E-08	1.57E-11	5.48E-12	9.69E-08	1.53E-11	5.32E-12
4770	473863.09, 3861377.25	1.05E-07	1.65E-11	5.76E-12	1.04E-07	1.63E-11	5.68E-12	1.01E-07	1.58E-11	5.52E-12
4771	474363.09, 3861377.25	1.10E-07	1.74E-11	6.05E-12	1.09E-07	1.71E-11	5.97E-12	1.06E-07	1.66E-11	5.80E-12
4772	474863.09, 3861377.25	1.14E-07	1.80E-11	6.27E-12	1.13E-07	1.78E-11	6.19E-12	1.10E-07	1.73E-11	6.01E-12
4773	475363.09, 3861377.25	1.21E-07	1.90E-11	6.62E-12	1.19E-07	1.88E-11	6.53E-12	1.16E-07	1.82E-11	6.35E-12
4774	475863.09, 3861377.25	1.24E-07	1.96E-11	6.83E-12	1.23E-07	1.93E-11	6.74E-12	1.19E-07	1.88E-11	6.54E-12
4775	476363.09, 3861377.25	1.26E-07	1.99E-11	6.93E-12	1.25E-07	1.96E-11	6.84E-12	1.21E-07	1.91E-11	6.64E-12
4776	476863.09, 3861377.25	1.29E-07	2.03E-11	7.06E-12	1.27E-07	2.00E-11	6.97E-12	1.23E-07	1.94E-11	6.77E-12
4777	477363.09, 3861377.25	1.33E-07	2.10E-11	7.30E-12	1.31E-07	2.07E-11	7.20E-12	1.27E-07	2.01E-11	7.00E-12
4778	477863.09, 3861377.25	1.21E-07	1.90E-11	6.61E-12	1.19E-07	1.87E-11	6.53E-12	1.15E-07	1.82E-11	6.34E-12
4779	478363.09, 3861377.25	8.45E-08	1.33E-11	4.64E-12	8.34E-08	1.31E-11	4.57E-12	8.09E-08	1.28E-11	4.44E-12
4780	478863.09, 3861377.25	1.04E-07	1.64E-11	5.73E-12	1.03E-07	1.62E-11	5.65E-12	1.00E-07	1.58E-11	5.49E-12
4781	479363.09, 3861377.25	1.77E-07	2.79E-11	9.72E-12	1.75E-07	2.75E-11	9.59E-12	1.70E-07	2.67E-11	9.32E-12
4782	479863.09, 3861377.25	2.22E-07	3.49E-11	1.22E-11	2.19E-07	3.45E-11	1.20E-11	2.12E-07	3.35E-11	1.17E-11
4783	480363.09, 3861377.25	2.57E-07	4.04E-11	1.41E-11	2.53E-07	3.99E-11	1.39E-11	2.46E-07	3.87E-11	1.35E-11
4784	480863.09, 3861377.25	2.83E-07	4.45E-11	1.55E-11	2.79E-07	4.40E-11	1.53E-11	2.71E-07	4.27E-11	1.49E-11
4785	481363.09, 3861377.25	3.12E-07	4.91E-11	1.71E-11	3.07E-07	4.84E-11	1.69E-11	2.99E-07	4.70E-11	1.64E-11
4786	481863.09, 3861377.25	3.43E-07	5.40E-11	1.88E-11	3.39E-07	5.33E-11	1.86E-11	3.29E-07	5.18E-11	1.80E-11
4787	482363.09, 3861377.25	3.75E-07	5.91E-11	2.06E-11	3.70E-07	5.83E-11	2.03E-11	3.59E-07	5.66E-11	1.97E-11
4788	482863.09, 3861377.25	4.10E-07	6.46E-11	2.25E-11	4.05E-07	6.38E-11	2.22E-11	3.93E-07	6.19E-11	2.16E-11
4789	483363.09, 3861377.25	4.56E-07	7.18E-11	2.50E-11	4.50E-07	7.08E-11	2.47E-11	4.37E-07	6.88E-11	2.40E-11
4790	483863.09, 3861377.25	5.06E-07	7.97E-11	2.78E-11	4.99E-07	7.86E-11	2.74E-11	4.85E-07	7.64E-11	2.66E-11
4791	484363.09, 3861377.25	5.43E-07	8.55E-11	2.98E-11	5.36E-07	8.44E-11	2.94E-11	5.20E-07	8.20E-11	2.86E-11
4792	484863.09, 3861377.25	5.64E-07	8.88E-11	3.09E-11	5.56E-07	8.77E-11	3.05E-11	5.40E-07	8.51E-11	2.97E-11
4793	485363.09, 3861377.25	5.98E-07	9.43E-11	3.28E-11	5.91E-07	9.31E-11	3.24E-11	5.74E-07	9.04E-11	3.15E-11
4794	485863.09, 3861377.25	6.63E-07	1.04E-10	3.64E-11	6.54E-07	1.03E-10	3.59E-11	6.35E-07	1.00E-10	3.49E-11
4795	486363.09, 3861377.25	7.47E-07	1.18E-10	4.10E-11	7.37E-07	1.16E-10	4.05E-11	7.16E-07	1.13E-10	3.93E-11
4796	486863.09, 3861377.25	8.53E-07	1.34E-10	4.68E-11	8.42E-07	1.33E-10	4.62E-11	8.18E-07	1.29E-10	4.49E-11
4797	487363.09, 3861377.25	9.78E-07	1.54E-10	5.37E-11	9.66E-07	1.52E-10	5.30E-11	9.38E-07	1.48E-10	5.15E-11
4798	487863.09, 3861377.25	1.14E-06	1.80E-10	6.26E-11	1.13E-06	1.77E-10	6.17E-11	1.09E-06	1.72E-10	6.00E-11
4799	488363.09, 3861377.25	1.32E-06	2.07E-10	7.22E-11	1.30E-06	2.05E-10	7.13E-11	1.26E-06	1.99E-10	6.92E-11
4800	488863.09, 3861377.25	1.83E-06	2.88E-10	1.00E-10	1.80E-06	2.84E-10	9.90E-11	1.75E-06	2.76E-10	9.61E-11
4801	489363.09, 3861377.25	4.81E-06	7.58E-10	2.64E-10	4.75E-06	7.49E-10	2.61E-10	4.61E-06	7.27E-10	2.53E-10
4802	489863.09, 3861377.25	2.27E-06	3.58E-10	1.25E-10	2.24E-06	3.54E-10	1.23E-10	2.18E-06	3.43E-10	1.20E-10
4803	490363.09, 3861377.25	1.78E-06	2.80E-10	9.75E-11	1.75E-06	2.76E-10	9.62E-11	1.70E-06	2.68E-10	9.34E-11
4804	490863.09, 3861377.25	1.57E-06	2.47E-10	8.62E-11	1.55E-06	2.44E-10	8.51E-11	1.51E-06	2.37E-10	8.26E-11
4805	491363.09, 3861377.25	1.44E-06	2.27E-10	7.90E-11	1.42E-06	2.24E-10	7.79E-11	1.38E-06	2.17E-10	7.57E-11
4806	491863.09, 3861377.25	1.35E-06	2.12E-10	7.38E-11	1.33E-06	2.09E-10	7.29E-11	1.29E-06	2.03E-10	7.08E-11
4807	492363.09, 3861377.25	1.26E-06	1.99E-10	6.92E-11	1.24E-06	1.96E-10	6.83E-11	1.21E-06	1.90E-10	6.63E-11
4808	492863.09, 3861377.25	1.20E-06	1.90E-10	6.61E-11	1.19E-06	1.87E-10	6.52E-11	1.15E-06	1.82E-10	6.33E-11
4809	493363.09, 3861377.25	1.17E-06	1.85E-10	6.44E-11	1.16E-06	1.82E-10	6.35E-11	1.12E-06	1.77E-10	6.17E-11
4810	493863.09, 3861377.25	1.15E-06	1.81E-10	6.30E-11	1.13E-06	1.79E-10	6.22E-11	1.10E-06	1.73E-10	6.04E-11
4811	494363.09, 3861377.25	1.12E-06	1.76E-10	6.15E-11	1.11E-06	1.74E-10	6.07E-11	1.07E-06	1.69E-10	5.89E-11
4812	494863.09, 3861377.25	1.09E-06	1.71E-10	5.97E-11	1.07E-06	1.69E-10	5.89E-11	1.04E-06	1.64E-10	5.72E-11
4813	495363.09, 3861377.25	1.05E-06	1.66E-10	5.78E-11	1.04E-06	1.64E-10	5.70E-11	1.01E-06	1.59E-10	5.54E-11
4814	495863.09, 3861377.25	1.02E-06	1.60E-10	5.57E-11	1.00E-06	1.58E-10	5.50E-11	9.73E-07	1.53E-10	5.34E-11
4815	496363.09, 3861377.25	9.98E-07	1.57E-10	5.48E-11	9.85E-07	1.55E-10	5.41E-11	9.57E-07	1.51E-10	5.25E-11
4816	496863.09, 3861377.25	9.87E-07	1.55E-10	5.42E-11	9.74E-07	1.53E-10	5.35E-11	9.46E-07	1.49E-10	5.19E-11
4817	497363.09, 3861377.25	9.52E-07	1.50E-10	5.23E-11	9.40E-07	1.48E-10	5.16E-11	9.12E-07	1.44E-10	5.01E-11
4818	497863.09, 3861377.25	9.17E-07	1.44E-10	5.03E-11	9.05E-07	1.43E-10	4.97E-11	8.79E-07	1.38E-10	4.82E-11
4819	498363.09, 3861377.25	8.88E-07	1.40E-10	4.88E-11	8.77E-07	1.38E-10	4.81E-11	8.51E-07	1.34E-10	4.67E-11
4820	471363.09, 3861877.25	8.39E-08	1.32E-11	4.61E-12	8.28E-08	1.31E-11	4.55E-12	8.04E-08	1.27E-11	4.42E-12
4821	471863.09, 3861877.25	8.73E-08	1.38E-11	4.79E-12	8.62E-08	1.36E-11	4.73E-12	8.37E-08	1.32E-11	4.59E-12
4822	472363.09, 3861877.25	9.10E-08	1.43E-11	4.99E-12	8.98E-08	1.41E-11	4.93E-12	8.72E-08	1.37E-11	4.78E-12
4823	472863.09, 3861877.25	9.50E-08	1.50E-11	5.21E-12	9.38E-08	1.48E-11	5.15E-12	9.10E-08	1.43E-11	5.00E-12
4824	473363.09, 3861877.25	9.94E-08	1.57E-11	5.46E-12	9.81E-08	1.55E-11	5.39E-12	9.53E-08	1.50E-11	5.23E-12
4825	473863.09, 3861877.25	1.04E-07	1.64E-11	5.70E-12	1.02E-07	1.61E-11	5.63E-12	9.95E-08	1.57E-11	5.46E-12
4826	474363.09, 3861877.25	1.09E-07	1.72E-11	5.99E-12	1.08E-07	1.70E-11	5.91E-12	1.05E-07	1.65E-11	5.74E-12

4827	474863.09, 3861877.25	1.15E-07	1.81E-11	6.31E-12	1.13E-07	1.79E-11	6.22E-12	1.10E-07	1.73E-11	6.04E-12
4828	475363.09, 3861877.25	1.22E-07	1.92E-11	6.69E-12	1.20E-07	1.89E-11	6.60E-12	1.17E-07	1.84E-11	6.41E-12
4829	475863.09, 3861877.25	1.30E-07	2.05E-11	7.16E-12	1.29E-07	2.03E-11	7.06E-12	1.25E-07	1.97E-11	6.86E-12
4830	476363.09, 3861877.25	1.39E-07	2.19E-11	7.61E-12	1.37E-07	2.16E-11	7.51E-12	1.33E-07	2.09E-11	7.30E-12
4831	476863.09, 3861877.25	1.46E-07	2.30E-11	8.01E-12	1.44E-07	2.27E-11	7.90E-12	1.40E-07	2.20E-11	7.67E-12
4832	477363.09, 3861877.25	1.51E-07	2.39E-11	8.31E-12	1.50E-07	2.36E-11	8.20E-12	1.45E-07	2.29E-11	7.97E-12
4833	477863.09, 3861877.25	1.31E-07	2.06E-11	7.17E-12	1.29E-07	2.03E-11	7.08E-12	1.25E-07	1.97E-11	6.87E-12
4834	478363.09, 3861877.25	7.34E-08	1.16E-11	4.03E-12	7.24E-08	1.14E-11	3.98E-12	7.03E-08	1.11E-11	3.86E-12
4835	478863.09, 3861877.25	1.19E-07	1.87E-11	6.53E-12	1.17E-07	1.85E-11	6.44E-12	1.14E-07	1.80E-11	6.26E-12
4836	479363.09, 3861877.25	1.13E-07	1.78E-11	6.20E-12	1.11E-07	1.76E-11	6.12E-12	1.08E-07	1.71E-11	5.94E-12
4837	479863.09, 3861877.25	2.23E-07	3.52E-11	1.23E-11	2.21E-07	3.47E-11	1.21E-11	2.14E-07	3.37E-11	1.18E-11
4838	480363.09, 3861877.25	2.56E-07	4.04E-11	1.41E-11	2.53E-07	3.99E-11	1.39E-11	2.46E-07	3.87E-11	1.35E-11
4839	480863.09, 3861877.25	2.80E-07	4.41E-11	1.54E-11	2.76E-07	4.35E-11	1.52E-11	2.68E-07	4.23E-11	1.47E-11
4840	481363.09, 3861877.25	3.04E-07	4.78E-11	1.67E-11	3.00E-07	4.72E-11	1.65E-11	2.91E-07	4.59E-11	1.60E-11
4841	481863.09, 3861877.25	3.30E-07	5.19E-11	1.81E-11	3.25E-07	5.12E-11	1.78E-11	3.16E-07	4.97E-11	1.73E-11
4842	482363.09, 3861877.25	3.61E-07	5.69E-11	1.98E-11	3.56E-07	5.61E-11	1.96E-11	3.46E-07	5.45E-11	1.90E-11
4843	482863.09, 3861877.25	3.95E-07	6.22E-11	2.17E-11	3.89E-07	6.13E-11	2.14E-11	3.78E-07	5.96E-11	2.08E-11
4844	483363.09, 3861877.25	4.21E-07	6.63E-11	2.31E-11	4.15E-07	6.54E-11	2.28E-11	4.03E-07	6.35E-11	2.21E-11
4845	483863.09, 3861877.25	4.35E-07	6.86E-11	2.39E-11	4.29E-07	6.77E-11	2.36E-11	4.17E-07	6.57E-11	2.29E-11
4846	484363.09, 3861877.25	4.50E-07	7.09E-11	2.47E-11	4.44E-07	7.00E-11	2.44E-11	4.31E-07	6.80E-11	2.37E-11
4847	484863.09, 3861877.25	4.84E-07	7.63E-11	2.66E-11	4.78E-07	7.53E-11	2.62E-11	4.64E-07	7.31E-11	2.55E-11
4848	485363.09, 3861877.25	5.32E-07	8.39E-11	2.92E-11	5.25E-07	8.28E-11	2.88E-11	5.10E-07	8.04E-11	2.80E-11
4849	485863.09, 3861877.25	5.88E-07	9.26E-11	3.22E-11	5.80E-07	9.14E-11	3.18E-11	5.63E-07	8.87E-11	3.09E-11
4850	486363.09, 3861877.25	6.61E-07	1.04E-10	3.63E-11	6.53E-07	1.03E-10	3.58E-11	6.34E-07	9.99E-11	3.48E-11
4851	486863.09, 3861877.25	7.42E-07	1.17E-10	4.07E-11	7.32E-07	1.15E-10	4.02E-11	7.11E-07	1.12E-10	3.90E-11
4852	487363.09, 3861877.25	8.52E-07	1.34E-10	4.68E-11	8.41E-07	1.32E-10	4.62E-11	8.17E-07	1.29E-10	4.48E-11
4853	487863.09, 3861877.25	9.74E-07	1.53E-10	5.34E-11	9.61E-07	1.51E-10	5.27E-11	9.33E-07	1.47E-10	5.12E-11
4854	488363.09, 3861877.25	1.14E-06	1.79E-10	6.23E-11	1.12E-06	1.77E-10	6.15E-11	1.09E-06	1.71E-10	5.97E-11
4855	488863.09, 3861877.25	1.62E-06	2.56E-10	8.90E-11	1.60E-06	2.52E-10	8.79E-11	1.56E-06	2.45E-10	8.53E-11
4856	489363.09, 3861877.25	4.44E-06	6.99E-10	2.44E-10	4.38E-06	6.90E-10	2.41E-10	4.26E-06	6.70E-10	2.34E-10
4857	489863.09, 3861877.25	2.03E-06	3.20E-10	1.12E-10	2.01E-06	3.16E-10	1.10E-10	1.95E-06	3.07E-10	1.07E-10
4858	490363.09, 3861877.25	1.54E-06	2.42E-10	8.42E-11	1.52E-06	2.39E-10	8.31E-11	1.47E-06	2.32E-10	8.07E-11
4859	490863.09, 3861877.25	1.32E-06	2.08E-10	7.26E-11	1.31E-06	2.06E-10	7.17E-11	1.27E-06	2.00E-10	6.96E-11
4860	491363.09, 3861877.25	1.21E-06	1.90E-10	6.62E-11	1.19E-06	1.88E-10	6.54E-11	1.16E-06	1.82E-10	6.35E-11
4861	491863.09, 3861877.25	1.13E-06	1.77E-10	6.18E-11	1.11E-06	1.75E-10	6.10E-11	1.08E-06	1.70E-10	5.92E-11
4862	492363.09, 3861877.25	1.05E-06	1.66E-10	5.79E-11	1.04E-06	1.64E-10	5.71E-11	1.01E-06	1.59E-10	5.55E-11
4863	492863.09, 3861877.25	9.93E-07	1.56E-10	5.45E-11	9.80E-07	1.54E-10	5.38E-11	9.52E-07	1.50E-10	5.22E-11
4864	493363.09, 3861877.25	9.43E-07	1.49E-10	5.18E-11	9.31E-07	1.47E-10	5.11E-11	9.04E-07	1.42E-10	4.96E-11
4865	493863.09, 3861877.25	9.11E-07	1.43E-10	5.00E-11	8.99E-07	1.42E-10	4.93E-11	8.73E-07	1.38E-10	4.79E-11
4866	494363.09, 3861877.25	8.90E-07	1.40E-10	4.89E-11	8.79E-07	1.38E-10	4.82E-11	8.53E-07	1.34E-10	4.68E-11
4867	494863.09, 3861877.25	8.81E-07	1.39E-10	4.83E-11	8.69E-07	1.37E-10	4.77E-11	8.44E-07	1.33E-10	4.63E-11
4868	495363.09, 3861877.25	8.59E-07	1.35E-10	4.71E-11	8.47E-07	1.33E-10	4.65E-11	8.23E-07	1.30E-10	4.52E-11
4869	495863.09, 3861877.25	8.32E-07	1.31E-10	4.57E-11	8.21E-07	1.29E-10	4.51E-11	7.98E-07	1.26E-10	4.38E-11
4870	496363.09, 3861877.25	8.12E-07	1.28E-10	4.45E-11	8.01E-07	1.26E-10	4.40E-11	7.78E-07	1.23E-10	4.27E-11
4871	496863.09, 3861877.25	8.37E-07	1.32E-10	4.60E-11	8.26E-07	1.30E-10	4.54E-11	8.03E-07	1.26E-10	4.40E-11
4872	497363.09, 3861877.25	7.88E-07	1.24E-10	4.32E-11	7.77E-07	1.22E-10	4.27E-11	7.55E-07	1.19E-10	4.14E-11
4873	497863.09, 3861877.25	7.54E-07	1.19E-10	4.14E-11	7.44E-07	1.17E-10	4.08E-11	7.23E-07	1.14E-10	3.97E-11
4874	498363.09, 3861877.25	7.28E-07	1.15E-10	4.00E-11	7.19E-07	1.13E-10	3.94E-11	6.98E-07	1.10E-10	3.83E-11
4875	471363.09, 3862377.25	8.29E-08	1.31E-11	4.55E-12	8.18E-08	1.29E-11	4.49E-12	7.94E-08	1.25E-11	4.36E-12
4876	471863.09, 3862377.25	8.64E-08	1.36E-11	4.74E-12	8.53E-08	1.34E-11	4.68E-12	8.28E-08	1.30E-11	4.55E-12
4877	472363.09, 3862377.25	9.07E-08	1.43E-11	4.98E-12	8.95E-08	1.41E-11	4.91E-12	8.69E-08	1.37E-11	4.77E-12
4878	472863.09, 3862377.25	9.54E-08	1.50E-11	5.24E-12	9.41E-08	1.48E-11	5.17E-12	9.14E-08	1.44E-11	5.02E-12
4879	473363.09, 3862377.25	1.00E-07	1.58E-11	5.51E-12	9.92E-08	1.56E-11	5.44E-12	9.63E-08	1.52E-11	5.28E-12
4880	473863.09, 3862377.25	1.06E-07	1.67E-11	5.83E-12	1.05E-07	1.65E-11	5.75E-12	1.02E-07	1.60E-11	5.59E-12
4881	474363.09, 3862377.25	1.12E-07	1.77E-11	6.17E-12	1.11E-07	1.75E-11	6.09E-12	1.08E-07	1.70E-11	5.91E-12
4882	474863.09, 3862377.25	1.19E-07	1.87E-11	6.53E-12	1.17E-07	1.85E-11	6.44E-12	1.14E-07	1.80E-11	6.26E-12
4883	475363.09, 3862377.25	1.28E-07	2.01E-11	7.01E-12	1.26E-07	1.99E-11	6.92E-12	1.22E-07	1.93E-11	6.72E-12
4884	475863.09, 3862377.25	1.37E-07	2.16E-11	7.52E-12	1.35E-07	2.13E-11	7.42E-12	1.31E-07	2.07E-11	7.21E-12
4885	476363.09, 3862377.25	1.46E-07	2.30E-11	8.01E-12	1.44E-07	2.27E-11	7.91E-12	1.40E-07	2.20E-11	7.68E-12
4886	476863.09, 3862377.25	1.55E-07	2.44E-11	8.51E-12	1.53E-07	2.41E-11	8.40E-12	1.49E-07	2.34E-11	8.15E-12
4887	477363.09, 3862377.25	1.62E-07	2.56E-11	8.91E-12	1.60E-07	2.53E-11	8.80E-12	1.56E-07	2.45E-11	8.54E-12
4888	477863.09, 3862377.25	1.50E-07	2.37E-11	8.24E-12	1.48E-07	2.33E-11	8.13E-12	1.44E-07	2.27E-11	7.90E-12
4889	478363.09, 3862377.25	1.26E-07	1.99E-11	6.93E-12	1.25E-07	1.96E-11	6.84E-12	1.21E-07	1.91E-11	6.64E-12
4890	478863.09, 3862377.25	1.33E-07	2.10E-11	7.30E-12	1.31E-07	2.07E-11	7.20E-12	1.27E-07	2.01E-11	7.00E-12
4891	479363.09, 3862377.25	1.59E-07	2.51E-11	8.74E-12	1.57E-07	2.48E-11	8.63E-12	1.53E-07	2.40E-11	8.38E-12
4892	479863.09, 3862377.25	2.24E-07	3.53E-11	1.23E-11	2.21E-07	3.49E-11	1.21E-11	2.15E-07	3.39E-11	1.18E-11
4893	480363.09, 3862377.25	2.51E-07	3.96E-11	1.38E-11	2.48E-07	3.91E-11	1.36E-11	2.41E-07	3.80E-11	1.32E-11
4894	480863.09, 3862377.25	2.72E-07	4.28E-11	1.49E-11	2.68E-07	4.23E-11	1.47E-11	2.61E-07	4.11E-11	1.43E-11
4895	481363.09, 3862377.25	2.95E-07	4.64E-11	1.62E-11	2.91E-07	4.58E-11	1.60E-11	2.82E-07	4.45E-11	1.55E-11
4896	481863.09, 3862377.25	3.19E-07	5.02E-11	1.75E-11	3.15E-07	4.96E-11	1.73E-11	3.06E-07	4.82E-11	1.68E-11

4897	482363.09, 3862377.25	3.37E-07	5.31E-11	1.85E-11	3.33E-07	5.24E-11	1.83E-11	3.23E-07	5.09E-11	1.77E-11
4898	482863.09, 3862377.25	3.47E-07	5.46E-11	1.90E-11	3.42E-07	5.39E-11	1.88E-11	3.32E-07	5.23E-11	1.82E-11
4899	483363.09, 3862377.25	3.53E-07	5.57E-11	1.94E-11	3.49E-07	5.50E-11	1.91E-11	3.39E-07	5.34E-11	1.86E-11
4900	483863.09, 3862377.25	3.67E-07	5.79E-11	2.02E-11	3.63E-07	5.71E-11	1.99E-11	3.52E-07	5.55E-11	1.93E-11
4901	484363.09, 3862377.25	3.99E-07	6.28E-11	2.19E-11	3.93E-07	6.20E-11	2.16E-11	3.82E-07	6.02E-11	2.10E-11
4902	484863.09, 3862377.25	4.38E-07	6.90E-11	2.41E-11	4.33E-07	6.81E-11	2.37E-11	4.20E-07	6.62E-11	2.31E-11
4903	485363.09, 3862377.25	4.77E-07	7.52E-11	2.62E-11	4.71E-07	7.42E-11	2.58E-11	4.57E-07	7.20E-11	2.51E-11
4904	485863.09, 3862377.25	5.29E-07	8.33E-11	2.90E-11	5.22E-07	8.22E-11	2.86E-11	5.07E-07	7.98E-11	2.78E-11
4905	486363.09, 3862377.25	5.85E-07	9.22E-11	3.21E-11	5.78E-07	9.10E-11	3.17E-11	5.61E-07	8.84E-11	3.08E-11
4906	486863.09, 3862377.25	6.55E-07	1.03E-10	3.59E-11	6.46E-07	1.02E-10	3.55E-11	6.28E-07	9.89E-11	3.44E-11
4907	487363.09, 3862377.25	7.46E-07	1.18E-10	4.10E-11	7.37E-07	1.16E-10	4.04E-11	7.15E-07	1.13E-10	3.93E-11
4908	487863.09, 3862377.25	8.28E-07	1.31E-10	4.55E-11	8.18E-07	1.29E-10	4.49E-11	7.94E-07	1.25E-10	4.36E-11
4909	488363.09, 3862377.25	1.00E-06	1.58E-10	5.50E-11	9.89E-07	1.56E-10	5.43E-11	9.61E-07	1.51E-10	5.27E-11
4910	488863.09, 3862377.25	1.48E-06	2.33E-10	8.13E-11	1.46E-06	2.30E-10	8.02E-11	1.42E-06	2.24E-10	7.79E-11
4911	489363.09, 3862377.25	4.35E-06	6.86E-10	2.39E-10	4.30E-06	6.77E-10	2.36E-10	4.17E-06	6.57E-10	2.29E-10
4912	489863.09, 3862377.25	1.90E-06	2.99E-10	1.04E-10	1.87E-06	2.95E-10	1.03E-10	1.82E-06	2.87E-10	9.98E-11
4913	490363.09, 3862377.25	1.42E-06	2.24E-10	7.81E-11	1.40E-06	2.21E-10	7.71E-11	1.36E-06	2.15E-10	7.49E-11
4914	490863.09, 3862377.25	1.19E-06	1.87E-10	6.53E-11	1.17E-06	1.85E-10	6.44E-11	1.14E-06	1.80E-10	6.25E-11
4915	491363.09, 3862377.25	1.06E-06	1.67E-10	5.82E-11	1.05E-06	1.65E-10	5.74E-11	1.02E-06	1.60E-10	5.57E-11
4916	491863.09, 3862377.25	9.61E-07	1.51E-10	5.28E-11	9.49E-07	1.49E-10	5.21E-11	9.21E-07	1.45E-10	5.06E-11
4917	492363.09, 3862377.25	9.02E-07	1.42E-10	4.95E-11	8.90E-07	1.40E-10	4.88E-11	8.64E-07	1.36E-10	4.74E-11
4918	492863.09, 3862377.25	8.61E-07	1.36E-10	4.73E-11	8.50E-07	1.34E-10	4.66E-11	8.25E-07	1.30E-10	4.53E-11
4919	493363.09, 3862377.25	8.13E-07	1.28E-10	4.46E-11	8.02E-07	1.26E-10	4.40E-11	7.79E-07	1.23E-10	4.27E-11
4920	493863.09, 3862377.25	7.67E-07	1.21E-10	4.21E-11	7.57E-07	1.19E-10	4.15E-11	7.35E-07	1.16E-10	4.03E-11
4921	494363.09, 3862377.25	7.38E-07	1.16E-10	4.05E-11	7.28E-07	1.15E-10	4.00E-11	7.07E-07	1.11E-10	3.88E-11
4922	494863.09, 3862377.25	7.21E-07	1.14E-10	3.96E-11	7.12E-07	1.12E-10	3.91E-11	6.91E-07	1.09E-10	3.79E-11
4923	495363.09, 3862377.25	7.04E-07	1.11E-10	3.86E-11	6.94E-07	1.09E-10	3.81E-11	6.74E-07	1.06E-10	3.70E-11
4924	495863.09, 3862377.25	6.91E-07	1.09E-10	3.79E-11	6.82E-07	1.07E-10	3.74E-11	6.62E-07	1.04E-10	3.63E-11
4925	496363.09, 3862377.25	6.74E-07	1.06E-10	3.70E-11	6.65E-07	1.05E-10	3.65E-11	6.46E-07	1.02E-10	3.54E-11
4926	496863.09, 3862377.25	6.64E-07	1.05E-10	3.65E-11	6.56E-07	1.03E-10	3.60E-11	6.37E-07	1.00E-10	3.49E-11
4927	497363.09, 3862377.25	6.42E-07	1.01E-10	3.53E-11	6.34E-07	9.99E-11	3.48E-11	6.16E-07	9.70E-11	3.38E-11
4928	497863.09, 3862377.25	6.25E-07	9.85E-11	3.43E-11	6.17E-07	9.72E-11	3.39E-11	5.99E-07	9.44E-11	3.29E-11
4929	498363.09, 3862377.25	6.05E-07	9.52E-11	3.32E-11	5.97E-07	9.40E-11	3.27E-11	5.79E-07	9.13E-11	3.18E-11
4930	471363.09, 3862877.25	8.39E-08	1.32E-11	4.61E-12	8.28E-08	1.31E-11	4.55E-12	8.04E-08	1.27E-11	4.42E-12
4931	471863.09, 3862877.25	8.82E-08	1.39E-11	4.84E-12	8.71E-08	1.37E-11	4.78E-12	8.46E-08	1.33E-11	4.64E-12
4932	472363.09, 3862877.25	9.32E-08	1.47E-11	5.11E-12	9.20E-08	1.45E-11	5.05E-12	8.93E-08	1.41E-11	4.90E-12
4933	472863.09, 3862877.25	9.84E-08	1.55E-11	5.40E-12	9.71E-08	1.53E-11	5.33E-12	9.43E-08	1.49E-11	5.17E-12
4934	473363.09, 3862877.25	1.04E-07	1.64E-11	5.72E-12	1.03E-07	1.62E-11	5.65E-12	9.99E-08	1.57E-11	5.48E-12
4935	473863.09, 3862877.25	1.11E-07	1.74E-11	6.07E-12	1.09E-07	1.72E-11	5.99E-12	1.06E-07	1.67E-11	5.82E-12
4936	474363.09, 3862877.25	1.17E-07	1.85E-11	6.43E-12	1.16E-07	1.82E-11	6.34E-12	1.12E-07	1.77E-11	6.16E-12
4937	474863.09, 3862877.25	1.24E-07	1.96E-11	6.82E-12	1.23E-07	1.93E-11	6.73E-12	1.19E-07	1.88E-11	6.54E-12
4938	475363.09, 3862877.25	1.32E-07	2.08E-11	7.26E-12	1.30E-07	2.06E-11	7.16E-12	1.27E-07	2.00E-11	6.95E-12
4939	475863.09, 3862877.25	1.40E-07	2.21E-11	7.70E-12	1.38E-07	2.18E-11	7.60E-12	1.34E-07	2.12E-11	7.38E-12
4940	476363.09, 3862877.25	1.48E-07	2.34E-11	8.15E-12	1.47E-07	2.31E-11	8.04E-12	1.42E-07	2.24E-11	7.81E-12
4941	476863.09, 3862877.25	1.56E-07	2.46E-11	8.58E-12	1.54E-07	2.43E-11	8.47E-12	1.50E-07	2.36E-11	8.22E-12
4942	477363.09, 3862877.25	1.63E-07	2.57E-11	8.95E-12	1.61E-07	2.54E-11	8.83E-12	1.56E-07	2.46E-11	8.58E-12
4943	477863.09, 3862877.25	1.62E-07	2.56E-11	8.91E-12	1.60E-07	2.53E-11	8.80E-12	1.56E-07	2.45E-11	8.54E-12
4944	478363.09, 3862877.25	1.43E-07	2.25E-11	7.83E-12	1.41E-07	2.22E-11	7.73E-12	1.37E-07	2.15E-11	7.50E-12
4945	478863.09, 3862877.25	1.53E-07	2.40E-11	8.37E-12	1.51E-07	2.37E-11	8.26E-12	1.46E-07	2.30E-11	8.02E-12
4946	479363.09, 3862877.25	1.65E-07	2.60E-11	9.07E-12	1.63E-07	2.57E-11	8.95E-12	1.58E-07	2.50E-11	8.69E-12
4947	479863.09, 3862877.25	2.27E-07	3.58E-11	1.25E-11	2.24E-07	3.53E-11	1.23E-11	2.18E-07	3.43E-11	1.20E-11
4948	480363.09, 3862877.25	2.47E-07	3.89E-11	1.36E-11	2.44E-07	3.84E-11	1.34E-11	2.37E-07	3.73E-11	1.30E-11
4949	480863.09, 3862877.25	2.65E-07	4.17E-11	1.45E-11	2.61E-07	4.12E-11	1.43E-11	2.54E-07	4.00E-11	1.39E-11
4950	481363.09, 3862877.25	2.78E-07	4.38E-11	1.53E-11	2.75E-07	4.33E-11	1.51E-11	2.67E-07	4.20E-11	1.46E-11
4951	481863.09, 3862877.25	2.85E-07	4.49E-11	1.56E-11	2.81E-07	4.43E-11	1.54E-11	2.73E-07	4.30E-11	1.50E-11
4952	482363.09, 3862877.25	2.87E-07	4.52E-11	1.58E-11	2.83E-07	4.46E-11	1.55E-11	2.75E-07	4.33E-11	1.51E-11
4953	482863.09, 3862877.25	2.94E-07	4.63E-11	1.61E-11	2.90E-07	4.57E-11	1.59E-11	2.82E-07	4.44E-11	1.55E-11
4954	483363.09, 3862877.25	3.10E-07	4.88E-11	1.70E-11	3.06E-07	4.82E-11	1.68E-11	2.97E-07	4.68E-11	1.63E-11
4955	483863.09, 3862877.25	3.37E-07	5.30E-11	1.85E-11	3.32E-07	5.23E-11	1.82E-11	3.23E-07	5.08E-11	1.77E-11
4956	484363.09, 3862877.25	3.68E-07	5.80E-11	2.02E-11	3.63E-07	5.72E-11	1.99E-11	3.53E-07	5.56E-11	1.94E-11
4957	484863.09, 3862877.25	3.94E-07	6.21E-11	2.16E-11	3.89E-07	6.13E-11	2.14E-11	3.78E-07	5.96E-11	2.07E-11
4958	485363.09, 3862877.25	4.30E-07	6.77E-11	2.36E-11	4.24E-07	6.68E-11	2.33E-11	4.12E-07	6.49E-11	2.26E-11
4959	485863.09, 3862877.25	4.74E-07	7.46E-11	2.60E-11	4.67E-07	7.36E-11	2.57E-11	4.54E-07	7.15E-11	2.49E-11
4960	486363.09, 3862877.25	5.23E-07	8.23E-11	2.87E-11	5.16E-07	8.13E-11	2.83E-11	5.01E-07	7.89E-11	2.75E-11
4961	486863.09, 3862877.25	5.83E-07	9.19E-11	3.20E-11	5.76E-07	9.07E-11	3.16E-11	5.59E-07	8.80E-11	3.07E-11
4962	487363.09, 3862877.25	6.43E-07	1.01E-10	3.53E-11	6.35E-07	1.00E-10	3.48E-11	6.16E-07	9.71E-11	3.38E-11
4963	487863.09, 3862877.25	7.14E-07	1.12E-10	3.92E-11	7.04E-07	1.11E-10	3.87E-11	6.84E-07	1.08E-10	3.75E-11
4964	488363.09, 3862877.25	8.75E-07	1.38E-10	4.80E-11	8.64E-07	1.36E-10	4.74E-11	8.39E-07	1.32E-10	4.60E-11
4965	488863.09, 3862877.25	1.35E-06	2.13E-10	7.43E-11	1.34E-06	2.10E-10	7.33E-11	1.30E-06	2.04E-10	7.12E-11
4966	489363.09, 3862877.25	4.27E-06	6.72E-10	2.34E-10	4.21E-06	6.63E-10	2.31E-10	4.09E-06	6.44E-10	2.24E-10

4967	489863.09, 3862877.25	1.77E-06	2.79E-10	9.71E-11	1.75E-06	2.75E-10	9.59E-11	1.70E-06	2.67E-10	9.31E-11
4968	490363.09, 3862877.25	1.28E-06	2.02E-10	7.05E-11	1.27E-06	2.00E-10	6.96E-11	1.23E-06	1.94E-10	6.76E-11
4969	490863.09, 3862877.25	1.04E-06	1.64E-10	5.71E-11	1.03E-06	1.62E-10	5.64E-11	9.98E-07	1.57E-10	5.48E-11
4970	491363.09, 3862877.25	9.20E-07	1.45E-10	5.05E-11	9.08E-07	1.43E-10	4.98E-11	8.82E-07	1.39E-10	4.84E-11
4971	491863.09, 3862877.25	8.21E-07	1.29E-10	4.51E-11	8.11E-07	1.28E-10	4.45E-11	7.87E-07	1.24E-10	4.32E-11
4972	492363.09, 3862877.25	7.64E-07	1.20E-10	4.19E-11	7.54E-07	1.19E-10	4.14E-11	7.32E-07	1.15E-10	4.02E-11
4973	492863.09, 3862877.25	7.23E-07	1.14E-10	3.97E-11	7.13E-07	1.12E-10	3.91E-11	6.93E-07	1.09E-10	3.80E-11
4974	493363.09, 3862877.25	6.98E-07	1.10E-10	3.83E-11	6.89E-07	1.09E-10	3.78E-11	6.69E-07	1.05E-10	3.67E-11
4975	493863.09, 3862877.25	6.68E-07	1.05E-10	3.67E-11	6.59E-07	1.04E-10	3.62E-11	6.40E-07	1.01E-10	3.51E-11
4976	494363.09, 3862877.25	6.33E-07	9.97E-11	3.47E-11	6.25E-07	9.84E-11	3.43E-11	6.07E-07	9.56E-11	3.33E-11
4977	494863.09, 3862877.25	6.04E-07	9.52E-11	3.32E-11	5.96E-07	9.39E-11	3.27E-11	5.79E-07	9.12E-11	3.18E-11
4978	495363.09, 3862877.25	5.88E-07	9.26E-11	3.22E-11	5.80E-07	9.14E-11	3.18E-11	5.63E-07	8.87E-11	3.09E-11
4979	495863.09, 3862877.25	5.77E-07	9.09E-11	3.17E-11	5.70E-07	8.98E-11	3.13E-11	5.53E-07	8.72E-11	3.04E-11
4980	496363.09, 3862877.25	5.70E-07	8.98E-11	3.13E-11	5.62E-07	8.86E-11	3.09E-11	5.46E-07	8.60E-11	3.00E-11
4981	496863.09, 3862877.25	5.61E-07	8.84E-11	3.08E-11	5.54E-07	8.72E-11	3.04E-11	5.38E-07	8.47E-11	2.95E-11
4982	497363.09, 3862877.25	5.47E-07	8.62E-11	3.00E-11	5.40E-07	8.50E-11	2.96E-11	5.24E-07	8.26E-11	2.88E-11
4983	497863.09, 3862877.25	5.34E-07	8.41E-11	2.93E-11	5.27E-07	8.30E-11	2.89E-11	5.11E-07	8.06E-11	2.81E-11
4984	498363.09, 3862877.25	5.23E-07	8.25E-11	2.87E-11	5.17E-07	8.14E-11	2.84E-11	5.02E-07	7.90E-11	2.75E-11
4985	471363.09, 3863377.25	8.65E-08	1.36E-11	4.75E-12	8.54E-08	1.35E-11	4.69E-12	8.29E-08	1.31E-11	4.55E-12
4986	471863.09, 3863377.25	9.11E-08	1.44E-11	5.00E-12	8.99E-08	1.42E-11	4.93E-12	8.73E-08	1.38E-11	4.79E-12
4987	472363.09, 3863377.25	9.63E-08	1.52E-11	5.29E-12	9.50E-08	1.50E-11	5.22E-12	9.23E-08	1.45E-11	5.07E-12
4988	472863.09, 3863377.25	1.02E-07	1.60E-11	5.59E-12	1.00E-07	1.58E-11	5.51E-12	9.75E-08	1.54E-11	5.35E-12
4989	473363.09, 3863377.25	1.07E-07	1.69E-11	5.90E-12	1.06E-07	1.67E-11	5.82E-12	1.03E-07	1.62E-11	5.65E-12
4990	473863.09, 3863377.25	1.13E-07	1.79E-11	6.22E-12	1.12E-07	1.76E-11	6.14E-12	1.09E-07	1.71E-11	5.96E-12
4991	474363.09, 3863377.25	1.19E-07	1.88E-11	6.56E-12	1.18E-07	1.86E-11	6.47E-12	1.14E-07	1.80E-11	6.28E-12
4992	474863.09, 3863377.25	1.26E-07	1.98E-11	6.90E-12	1.24E-07	1.95E-11	6.81E-12	1.20E-07	1.90E-11	6.61E-12
4993	475363.09, 3863377.25	1.32E-07	2.08E-11	7.24E-12	1.30E-07	2.05E-11	7.15E-12	1.26E-07	1.99E-11	6.94E-12
4994	475863.09, 3863377.25	1.38E-07	2.18E-11	7.58E-12	1.36E-07	2.15E-11	7.48E-12	1.32E-07	2.08E-11	7.26E-12
4995	476363.09, 3863377.25	1.44E-07	2.28E-11	7.93E-12	1.43E-07	2.25E-11	7.82E-12	1.38E-07	2.18E-11	7.60E-12
4996	476863.09, 3863377.25	1.52E-07	2.39E-11	8.32E-12	1.50E-07	2.36E-11	8.21E-12	1.45E-07	2.29E-11	7.97E-12
4997	477363.09, 3863377.25	1.60E-07	2.52E-11	8.78E-12	1.58E-07	2.49E-11	8.67E-12	1.53E-07	2.42E-11	8.42E-12
4998	477863.09, 3863377.25	1.68E-07	2.64E-11	9.21E-12	1.66E-07	2.61E-11	9.09E-12	1.61E-07	2.53E-11	8.82E-12
4999	478363.09, 3863377.25	1.65E-07	2.61E-11	9.08E-12	1.63E-07	2.57E-11	8.96E-12	1.59E-07	2.50E-11	8.70E-12
5000	478863.09, 3863377.25	1.81E-07	2.86E-11	9.95E-12	1.79E-07	2.82E-11	9.82E-12	1.74E-07	2.74E-11	9.54E-12
5001	479363.09, 3863377.25	2.08E-07	3.28E-11	1.14E-11	2.06E-07	3.24E-11	1.13E-11	2.00E-07	3.15E-11	1.10E-11
5002	479863.09, 3863377.25	2.25E-07	3.54E-11	1.23E-11	2.22E-07	3.49E-11	1.22E-11	2.15E-07	3.39E-11	1.18E-11
5003	480363.09, 3863377.25	2.35E-07	3.69E-11	1.29E-11	2.31E-07	3.65E-11	1.27E-11	2.25E-07	3.54E-11	1.23E-11
5004	480863.09, 3863377.25	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.29E-07	3.61E-11	1.26E-11
5005	481363.09, 3863377.25	2.39E-07	3.77E-11	1.31E-11	2.36E-07	3.72E-11	1.30E-11	2.29E-07	3.61E-11	1.26E-11
5006	481863.09, 3863377.25	2.42E-07	3.81E-11	1.33E-11	2.39E-07	3.76E-11	1.31E-11	2.32E-07	3.65E-11	1.27E-11
5007	482363.09, 3863377.25	2.51E-07	3.95E-11	1.38E-11	2.48E-07	3.90E-11	1.36E-11	2.41E-07	3.79E-11	1.32E-11
5008	482863.09, 3863377.25	2.67E-07	4.21E-11	1.47E-11	2.64E-07	4.16E-11	1.45E-11	2.56E-07	4.04E-11	1.41E-11
5009	483363.09, 3863377.25	2.90E-07	4.56E-11	1.59E-11	2.86E-07	4.50E-11	1.57E-11	2.78E-07	4.37E-11	1.52E-11
5010	483863.09, 3863377.25	3.13E-07	4.92E-11	1.72E-11	3.09E-07	4.86E-11	1.69E-11	3.00E-07	4.72E-11	1.64E-11
5011	484363.09, 3863377.25	3.32E-07	5.24E-11	1.82E-11	3.28E-07	5.17E-11	1.80E-11	3.19E-07	5.02E-11	1.75E-11
5012	484863.09, 3863377.25	3.58E-07	5.64E-11	1.96E-11	3.53E-07	5.56E-11	1.94E-11	3.43E-07	5.40E-11	1.88E-11
5013	485363.09, 3863377.25	3.90E-07	6.15E-11	2.14E-11	3.85E-07	6.07E-11	2.11E-11	3.74E-07	5.89E-11	2.05E-11
5014	485863.09, 3863377.25	4.26E-07	6.72E-11	2.34E-11	4.21E-07	6.63E-11	2.31E-11	4.09E-07	6.44E-11	2.24E-11
5015	486363.09, 3863377.25	4.68E-07	7.37E-11	2.57E-11	4.61E-07	7.27E-11	2.53E-11	4.48E-07	7.06E-11	2.46E-11
5016	486863.09, 3863377.25	5.12E-07	8.07E-11	2.81E-11	5.06E-07	7.97E-11	2.78E-11	4.91E-07	7.74E-11	2.69E-11
5017	487363.09, 3863377.25	5.45E-07	8.59E-11	2.99E-11	5.38E-07	8.48E-11	2.95E-11	5.23E-07	8.23E-11	2.87E-11
5018	487863.09, 3863377.25	6.09E-07	9.60E-11	3.34E-11	6.01E-07	9.47E-11	3.30E-11	5.84E-07	9.20E-11	3.20E-11
5019	488363.09, 3863377.25	7.19E-07	1.13E-10	3.95E-11	7.10E-07	1.12E-10	3.90E-11	6.89E-07	1.09E-10	3.78E-11
5020	488863.09, 3863377.25	1.09E-06	1.72E-10	5.98E-11	1.08E-06	1.69E-10	5.90E-11	1.04E-06	1.65E-10	5.73E-11
5021	489363.09, 3863377.25	3.91E-06	6.17E-10	2.15E-10	3.86E-06	6.09E-10	2.12E-10	3.75E-06	5.91E-10	2.06E-10
5022	489863.09, 3863377.25	1.39E-06	2.20E-10	7.65E-11	1.38E-06	2.17E-10	7.55E-11	1.34E-06	2.10E-10	7.33E-11
5023	490363.09, 3863377.25	9.90E-07	1.56E-10	5.44E-11	9.78E-07	1.54E-10	5.36E-11	9.49E-07	1.50E-10	5.21E-11
5024	490863.09, 3863377.25	8.18E-07	1.29E-10	4.49E-11	8.07E-07	1.27E-10	4.43E-11	7.84E-07	1.24E-10	4.30E-11
5025	491363.09, 3863377.25	7.21E-07	1.14E-10	3.96E-11	7.11E-07	1.12E-10	3.90E-11	6.91E-07	1.09E-10	3.79E-11
5026	491863.09, 3863377.25	6.65E-07	1.05E-10	3.65E-11	6.57E-07	1.03E-10	3.60E-11	6.38E-07	1.00E-10	3.50E-11
5027	492363.09, 3863377.25	6.34E-07	9.99E-11	3.48E-11	6.26E-07	9.86E-11	3.44E-11	6.08E-07	9.58E-11	3.34E-11
5028	492863.09, 3863377.25	6.21E-07	9.78E-11	3.41E-11	6.13E-07	9.65E-11	3.36E-11	5.95E-07	9.37E-11	3.27E-11
5029	493363.09, 3863377.25	6.01E-07	9.48E-11	3.30E-11	5.94E-07	9.35E-11	3.26E-11	5.76E-07	9.08E-11	3.16E-11
5030	493863.09, 3863377.25	5.87E-07	9.25E-11	3.22E-11	5.80E-07	9.13E-11	3.18E-11	5.63E-07	8.87E-11	3.09E-11
5031	494363.09, 3863377.25	5.63E-07	8.87E-11	3.09E-11	5.56E-07	8.75E-11	3.05E-11	5.40E-07	8.50E-11	2.96E-11
5032	494863.09, 3863377.25	5.41E-07	8.53E-11	2.97E-11	5.34E-07	8.41E-11	2.93E-11	5.19E-07	8.17E-11	2.85E-11
5033	495363.09, 3863377.25	5.28E-07	8.32E-11	2.90E-11	5.21E-07	8.21E-11	2.86E-11	5.06E-07	7.97E-11	2.78E-11
5034	495863.09, 3863377.25	5.18E-07	8.16E-11	2.84E-11	5.11E-07	8.05E-11	2.81E-11	4.97E-07	7.82E-11	2.73E-11
5035	496363.09, 3863377.25	4.90E-07	7.71E-11	2.69E-11	4.83E-07	7.61E-11	2.65E-11	4.69E-07	7.39E-11	2.58E-11
5036	496863.09, 3863377.25	4.72E-07	7.44E-11	2.59E-11	4.66E-07	7.34E-11	2.56E-11	4.52E-07	7.13E-11	2.48E-11

5037	497363.09, 3863377.25	4.68E-07	7.37E-11	2.57E-11	4.61E-07	7.27E-11	2.53E-11	4.48E-07	7.06E-11	2.46E-11
5038	497863.09, 3863377.25	4.63E-07	7.29E-11	2.54E-11	4.57E-07	7.20E-11	2.51E-11	4.44E-07	6.99E-11	2.44E-11
5039	498363.09, 3863377.25	4.55E-07	7.16E-11	2.50E-11	4.49E-07	7.07E-11	2.46E-11	4.36E-07	6.86E-11	2.39E-11
5040	471363.09, 3863877.25	8.93E-08	1.41E-11	4.90E-12	8.81E-08	1.39E-11	4.84E-12	8.56E-08	1.35E-11	4.70E-12
5041	471863.09, 3863877.25	9.37E-08	1.48E-11	5.14E-12	9.25E-08	1.46E-11	5.08E-12	8.98E-08	1.41E-11	4.93E-12
5042	472363.09, 3863877.25	9.85E-08	1.55E-11	5.41E-12	9.72E-08	1.53E-11	5.34E-12	9.44E-08	1.49E-11	5.18E-12
5043	472863.09, 3863877.25	1.03E-07	1.63E-11	5.67E-12	1.02E-07	1.61E-11	5.60E-12	9.90E-08	1.56E-11	5.43E-12
5044	473363.09, 3863877.25	1.08E-07	1.70E-11	5.94E-12	1.07E-07	1.68E-11	5.86E-12	1.04E-07	1.63E-11	5.69E-12
5045	473863.09, 3863877.25	1.13E-07	1.78E-11	6.21E-12	1.12E-07	1.76E-11	6.13E-12	1.08E-07	1.71E-11	5.95E-12
5046	474363.09, 3863877.25	1.18E-07	1.86E-11	6.46E-12	1.16E-07	1.83E-11	6.38E-12	1.13E-07	1.78E-11	6.19E-12
5047	474863.09, 3863877.25	1.23E-07	1.93E-11	6.73E-12	1.21E-07	1.91E-11	6.64E-12	1.17E-07	1.85E-11	6.45E-12
5048	475363.09, 3863877.25	1.28E-07	2.01E-11	7.01E-12	1.26E-07	1.99E-11	6.92E-12	1.22E-07	1.93E-11	6.72E-12
5049	475863.09, 3863877.25	1.34E-07	2.11E-11	7.35E-12	1.32E-07	2.08E-11	7.25E-12	1.28E-07	2.02E-11	7.04E-12
5050	476363.09, 3863877.25	1.41E-07	2.22E-11	7.74E-12	1.39E-07	2.19E-11	7.64E-12	1.35E-07	2.13E-11	7.42E-12
5051	476863.09, 3863877.25	1.50E-07	2.36E-11	8.23E-12	1.48E-07	2.33E-11	8.13E-12	1.44E-07	2.27E-11	7.89E-12
5052	477363.09, 3863877.25	1.60E-07	2.52E-11	8.78E-12	1.58E-07	2.49E-11	8.66E-12	1.53E-07	2.41E-11	8.41E-12
5053	477863.09, 3863877.25	1.70E-07	2.68E-11	9.34E-12	1.68E-07	2.65E-11	9.22E-12	1.63E-07	2.57E-11	8.95E-12
5054	478363.09, 3863877.25	1.78E-07	2.80E-11	9.74E-12	1.75E-07	2.76E-11	9.61E-12	1.70E-07	2.68E-11	9.34E-12
5055	478863.09, 3863877.25	1.94E-07	3.06E-11	1.07E-11	1.92E-07	3.02E-11	1.05E-11	1.86E-07	2.93E-11	1.02E-11
5056	479363.09, 3863877.25	2.02E-07	3.18E-11	1.11E-11	1.99E-07	3.13E-11	1.09E-11	1.93E-07	3.04E-11	1.06E-11
5057	479863.09, 3863877.25	2.05E-07	3.23E-11	1.12E-11	2.02E-07	3.19E-11	1.11E-11	1.96E-07	3.09E-11	1.08E-11
5058	480363.09, 3863877.25	2.04E-07	3.22E-11	1.12E-11	2.02E-07	3.18E-11	1.11E-11	1.96E-07	3.08E-11	1.07E-11
5059	480863.09, 3863877.25	2.05E-07	3.22E-11	1.12E-11	2.02E-07	3.18E-11	1.11E-11	1.96E-07	3.09E-11	1.08E-11
5060	481363.09, 3863877.25	2.09E-07	3.30E-11	1.15E-11	2.07E-07	3.25E-11	1.13E-11	2.01E-07	3.16E-11	1.10E-11
5061	481863.09, 3863877.25	2.20E-07	3.46E-11	1.21E-11	2.17E-07	3.42E-11	1.19E-11	2.11E-07	3.32E-11	1.16E-11
5062	482363.09, 3863877.25	2.35E-07	3.71E-11	1.29E-11	2.32E-07	3.66E-11	1.27E-11	2.25E-07	3.55E-11	1.24E-11
5063	482863.09, 3863877.25	2.52E-07	3.98E-11	1.38E-11	2.49E-07	3.92E-11	1.37E-11	2.42E-07	3.81E-11	1.33E-11
5064	483363.09, 3863877.25	2.69E-07	4.24E-11	1.48E-11	2.65E-07	4.18E-11	1.46E-11	2.58E-07	4.06E-11	1.41E-11
5065	483863.09, 3863877.25	2.85E-07	4.48E-11	1.56E-11	2.81E-07	4.42E-11	1.54E-11	2.73E-07	4.30E-11	1.50E-11
5066	484363.09, 3863877.25	3.02E-07	4.76E-11	1.66E-11	2.98E-07	4.70E-11	1.64E-11	2.89E-07	4.56E-11	1.59E-11
5067	484863.09, 3863877.25	3.28E-07	5.17E-11	1.80E-11	3.24E-07	5.11E-11	1.78E-11	3.15E-07	4.96E-11	1.73E-11
5068	485363.09, 3863877.25	3.57E-07	5.63E-11	1.96E-11	3.52E-07	5.55E-11	1.93E-11	3.42E-07	5.39E-11	1.88E-11
5069	485863.09, 3863877.25	3.87E-07	6.10E-11	2.12E-11	3.82E-07	6.02E-11	2.10E-11	3.71E-07	5.85E-11	2.04E-11
5070	486363.09, 3863877.25	4.17E-07	6.57E-11	2.29E-11	4.11E-07	6.48E-11	2.26E-11	3.99E-07	6.29E-11	2.19E-11
5071	486863.09, 3863877.25	4.42E-07	6.96E-11	2.42E-11	4.36E-07	6.87E-11	2.39E-11	4.23E-07	6.67E-11	2.32E-11
5072	487363.09, 3863877.25	4.65E-07	7.33E-11	2.55E-11	4.59E-07	7.23E-11	2.52E-11	4.46E-07	7.02E-11	2.45E-11
5073	487863.09, 3863877.25	5.11E-07	8.05E-11	2.80E-11	5.04E-07	7.94E-11	2.77E-11	4.90E-07	7.71E-11	2.69E-11
5074	488363.09, 3863877.25	5.51E-07	8.68E-11	3.03E-11	5.44E-07	8.57E-11	2.99E-11	5.28E-07	8.32E-11	2.90E-11
5075	488863.09, 3863877.25	6.08E-07	9.57E-11	3.33E-11	6.00E-07	9.45E-11	3.29E-11	5.82E-07	9.17E-11	3.20E-11
5076	489363.09, 3863877.25	5.97E-07	9.40E-11	3.28E-11	5.89E-07	9.28E-11	3.23E-11	5.72E-07	9.01E-11	3.14E-11
5077	489863.09, 3863877.25	6.06E-07	9.55E-11	3.33E-11	5.99E-07	9.43E-11	3.28E-11	5.81E-07	9.16E-11	3.19E-11
5078	490363.09, 3863877.25	5.97E-07	9.41E-11	3.28E-11	5.90E-07	9.29E-11	3.24E-11	5.73E-07	9.02E-11	3.14E-11
5079	490863.09, 3863877.25	5.68E-07	8.95E-11	3.12E-11	5.61E-07	8.84E-11	3.08E-11	5.45E-07	8.58E-11	2.99E-11
5080	491363.09, 3863877.25	5.38E-07	8.47E-11	2.95E-11	5.31E-07	8.36E-11	2.91E-11	5.16E-07	8.12E-11	2.83E-11
5081	491863.09, 3863877.25	5.32E-07	8.38E-11	2.92E-11	5.25E-07	8.27E-11	2.88E-11	5.10E-07	8.03E-11	2.80E-11
5082	492363.09, 3863877.25	5.10E-07	8.03E-11	2.80E-11	5.03E-07	7.93E-11	2.76E-11	4.89E-07	7.70E-11	2.68E-11
5083	492863.09, 3863877.25	4.79E-07	7.54E-11	2.63E-11	4.73E-07	7.44E-11	2.59E-11	4.59E-07	7.23E-11	2.52E-11
5084	493363.09, 3863877.25	4.78E-07	7.52E-11	2.62E-11	4.71E-07	7.43E-11	2.59E-11	4.58E-07	7.21E-11	2.51E-11
5085	493863.09, 3863877.25	4.75E-07	7.48E-11	2.61E-11	4.69E-07	7.39E-11	2.57E-11	4.55E-07	7.17E-11	2.50E-11
5086	494363.09, 3863877.25	4.82E-07	7.60E-11	2.65E-11	4.76E-07	7.50E-11	2.61E-11	4.62E-07	7.28E-11	2.54E-11
5087	494863.09, 3863877.25	4.71E-07	7.41E-11	2.58E-11	4.64E-07	7.32E-11	2.55E-11	4.51E-07	7.10E-11	2.48E-11
5088	495363.09, 3863877.25	4.56E-07	7.19E-11	2.50E-11	4.50E-07	7.09E-11	2.47E-11	4.37E-07	6.89E-11	2.40E-11
5089	495863.09, 3863877.25	4.45E-07	7.01E-11	2.44E-11	4.39E-07	6.92E-11	2.41E-11	4.26E-07	6.72E-11	2.34E-11
5090	496363.09, 3863877.25	4.33E-07	6.81E-11	2.37E-11	4.27E-07	6.73E-11	2.34E-11	4.15E-07	6.53E-11	2.28E-11
5091	496863.09, 3863877.25	4.18E-07	6.58E-11	2.29E-11	4.12E-07	6.50E-11	2.26E-11	4.00E-07	6.31E-11	2.20E-11
5092	497363.09, 3863877.25	4.07E-07	6.41E-11	2.23E-11	4.02E-07	6.33E-11	2.21E-11	3.90E-07	6.15E-11	2.14E-11
5093	497863.09, 3863877.25	4.02E-07	6.33E-11	2.21E-11	3.97E-07	6.25E-11	2.18E-11	3.85E-07	6.07E-11	2.12E-11
5094	498363.09, 3863877.25	3.97E-07	6.25E-11	2.18E-11	3.91E-07	6.17E-11	2.15E-11	3.80E-07	5.99E-11	2.09E-11
5095	471363.09, 3864377.25	9.06E-08	1.43E-11	4.97E-12	8.94E-08	1.41E-11	4.91E-12	8.68E-08	1.37E-11	4.76E-12
5096	471863.09, 3864377.25	9.45E-08	1.49E-11	5.19E-12	9.32E-08	1.47E-11	5.12E-12	9.05E-08	1.43E-11	4.97E-12
5097	472363.09, 3864377.25	9.84E-08	1.55E-11	5.40E-12	9.71E-08	1.53E-11	5.33E-12	9.43E-08	1.49E-11	5.17E-12
5098	472863.09, 3864377.25	1.02E-07	1.61E-11	5.61E-12	1.01E-07	1.59E-11	5.53E-12	9.79E-08	1.54E-11	5.37E-12
5099	473363.09, 3864377.25	1.06E-07	1.67E-11	5.81E-12	1.04E-07	1.64E-11	5.73E-12	1.01E-07	1.60E-11	5.57E-12
5100	473863.09, 3864377.25	1.10E-07	1.73E-11	6.02E-12	1.08E-07	1.71E-11	5.94E-12	1.05E-07	1.66E-11	5.77E-12
5101	474363.09, 3864377.25	1.14E-07	1.80E-11	6.26E-12	1.13E-07	1.77E-11	6.17E-12	1.09E-07	1.72E-11	6.00E-12
5102	474863.09, 3864377.25	1.19E-07	1.88E-11	6.54E-12	1.18E-07	1.85E-11	6.45E-12	1.14E-07	1.80E-11	6.26E-12
5103	475363.09, 3864377.25	1.25E-07	1.97E-11	6.88E-12	1.24E-07	1.95E-11	6.79E-12	1.20E-07	1.89E-11	6.59E-12
5104	475863.09, 3864377.25	1.33E-07	2.09E-11	7.28E-12	1.31E-07	2.06E-11	7.18E-12	1.27E-07	2.00E-11	6.98E-12
5105	476363.09, 3864377.25	1.41E-07	2.23E-11	7.76E-12	1.39E-07	2.20E-11	7.66E-12	1.35E-07	2.13E-11	7.43E-12
5106	476863.09, 3864377.25	1.51E-07	2.38E-11	8.28E-12	1.49E-07	2.35E-11	8.17E-12	1.45E-07	2.28E-11	7.93E-12

5107	477363.09, 3864377.25	1.61E-07	2.53E-11	8.82E-12	1.59E-07	2.50E-11	8.71E-12	1.54E-07	2.43E-11	8.45E-12
5108	477863.09, 3864377.25	1.70E-07	2.67E-11	9.31E-12	1.67E-07	2.64E-11	9.18E-12	1.63E-07	2.56E-11	8.92E-12
5109	478363.09, 3864377.25	1.76E-07	2.77E-11	9.65E-12	1.74E-07	2.73E-11	9.52E-12	1.68E-07	2.65E-11	9.25E-12
5110	478863.09, 3864377.25	1.78E-07	2.81E-11	9.78E-12	1.76E-07	2.77E-11	9.66E-12	1.71E-07	2.69E-11	9.38E-12
5111	479363.09, 3864377.25	1.77E-07	2.79E-11	9.73E-12	1.75E-07	2.76E-11	9.61E-12	1.70E-07	2.68E-11	9.33E-12
5112	479863.09, 3864377.25	1.76E-07	2.78E-11	9.68E-12	1.74E-07	2.74E-11	9.56E-12	1.69E-07	2.66E-11	9.28E-12
5113	480363.09, 3864377.25	1.79E-07	2.81E-11	9.80E-12	1.76E-07	2.78E-11	9.67E-12	1.71E-07	2.70E-11	9.39E-12
5114	480863.09, 3864377.25	1.85E-07	2.92E-11	1.02E-11	1.83E-07	2.88E-11	1.00E-11	1.77E-07	2.79E-11	9.73E-12
5115	481363.09, 3864377.25	1.96E-07	3.08E-11	1.07E-11	1.93E-07	3.04E-11	1.06E-11	1.88E-07	2.96E-11	1.03E-11
5116	481863.09, 3864377.25	2.08E-07	3.28E-11	1.14E-11	2.06E-07	3.24E-11	1.13E-11	2.00E-07	3.15E-11	1.10E-11
5117	482363.09, 3864377.25	2.21E-07	3.49E-11	1.22E-11	2.19E-07	3.44E-11	1.20E-11	2.12E-07	3.34E-11	1.17E-11
5118	482863.09, 3864377.25	2.34E-07	3.69E-11	1.28E-11	2.31E-07	3.64E-11	1.27E-11	2.24E-07	3.53E-11	1.23E-11
5119	483363.09, 3864377.25	2.46E-07	3.87E-11	1.35E-11	2.42E-07	3.82E-11	1.33E-11	2.35E-07	3.71E-11	1.29E-11
5120	483863.09, 3864377.25	2.59E-07	4.08E-11	1.42E-11	2.56E-07	4.03E-11	1.40E-11	2.48E-07	3.91E-11	1.36E-11
5121	484363.09, 3864377.25	2.80E-07	4.40E-11	1.53E-11	2.76E-07	4.35E-11	1.51E-11	2.68E-07	4.22E-11	1.47E-11
5122	484863.09, 3864377.25	3.03E-07	4.77E-11	1.66E-11	2.99E-07	4.71E-11	1.64E-11	2.90E-07	4.57E-11	1.59E-11
5123	485363.09, 3864377.25	3.26E-07	5.13E-11	1.79E-11	3.21E-07	5.06E-11	1.76E-11	3.12E-07	4.92E-11	1.71E-11
5124	485863.09, 3864377.25	3.48E-07	5.49E-11	1.91E-11	3.44E-07	5.42E-11	1.89E-11	3.34E-07	5.26E-11	1.83E-11
5125	486363.09, 3864377.25	3.67E-07	5.79E-11	2.02E-11	3.62E-07	5.71E-11	1.99E-11	3.52E-07	5.54E-11	1.93E-11
5126	486863.09, 3864377.25	3.83E-07	6.03E-11	2.10E-11	3.78E-07	5.95E-11	2.07E-11	3.67E-07	5.78E-11	2.01E-11
5127	487363.09, 3864377.25	3.99E-07	6.29E-11	2.19E-11	3.94E-07	6.21E-11	2.16E-11	3.83E-07	6.03E-11	2.10E-11
5128	487863.09, 3864377.25	4.25E-07	6.70E-11	2.33E-11	4.20E-07	6.61E-11	2.30E-11	4.08E-07	6.42E-11	2.24E-11
5129	488363.09, 3864377.25	4.36E-07	6.87E-11	2.39E-11	4.31E-07	6.78E-11	2.36E-11	4.18E-07	6.59E-11	2.29E-11
5130	488863.09, 3864377.25	4.41E-07	6.95E-11	2.42E-11	4.35E-07	6.86E-11	2.39E-11	4.23E-07	6.66E-11	2.32E-11
5131	489363.09, 3864377.25	4.26E-07	6.72E-11	2.34E-11	4.21E-07	6.63E-11	2.31E-11	4.09E-07	6.44E-11	2.24E-11
5132	489863.09, 3864377.25	4.30E-07	6.78E-11	2.36E-11	4.25E-07	6.69E-11	2.33E-11	4.12E-07	6.50E-11	2.26E-11
5133	490363.09, 3864377.25	4.33E-07	6.81E-11	2.37E-11	4.27E-07	6.73E-11	2.34E-11	4.15E-07	6.53E-11	2.28E-11
5134	490863.09, 3864377.25	4.30E-07	6.78E-11	2.36E-11	4.25E-07	6.69E-11	2.33E-11	4.12E-07	6.50E-11	2.26E-11
5135	491363.09, 3864377.25	4.25E-07	6.70E-11	2.33E-11	4.20E-07	6.61E-11	2.30E-11	4.08E-07	6.42E-11	2.24E-11
5136	491863.09, 3864377.25	1.81E-07	2.85E-11	9.93E-12	1.79E-07	2.81E-11	9.80E-12	1.73E-07	2.73E-11	9.51E-12
5137	492363.09, 3864377.25	3.41E-07	5.37E-11	1.87E-11	3.36E-07	5.30E-11	1.84E-11	3.26E-07	5.14E-11	1.79E-11
5138	492863.09, 3864377.25	2.26E-07	3.56E-11	1.24E-11	2.23E-07	3.51E-11	1.22E-11	2.17E-07	3.41E-11	1.19E-11
5139	493363.09, 3864377.25	3.27E-07	5.14E-11	1.79E-11	3.22E-07	5.08E-11	1.77E-11	3.13E-07	4.93E-11	1.72E-11
5140	493863.09, 3864377.25	3.72E-07	5.85E-11	2.04E-11	3.67E-07	5.78E-11	2.01E-11	3.56E-07	5.61E-11	1.95E-11
5141	494363.09, 3864377.25	3.87E-07	6.10E-11	2.13E-11	3.82E-07	6.02E-11	2.10E-11	3.71E-07	5.85E-11	2.04E-11
5142	494863.09, 3864377.25	4.03E-07	6.35E-11	2.21E-11	3.98E-07	6.27E-11	2.18E-11	3.87E-07	6.09E-11	2.12E-11
5143	495363.09, 3864377.25	3.99E-07	6.29E-11	2.19E-11	3.94E-07	6.21E-11	2.16E-11	3.83E-07	6.03E-11	2.10E-11
5144	495863.09, 3864377.25	3.89E-07	6.12E-11	2.13E-11	3.84E-07	6.04E-11	2.10E-11	3.72E-07	5.87E-11	2.04E-11
5145	496363.09, 3864377.25	3.79E-07	5.98E-11	2.08E-11	3.75E-07	5.90E-11	2.06E-11	3.64E-07	5.73E-11	2.00E-11
5146	496863.09, 3864377.25	3.72E-07	5.86E-11	2.04E-11	3.67E-07	5.78E-11	2.01E-11	3.56E-07	5.61E-11	1.96E-11
5147	497363.09, 3864377.25	3.62E-07	5.70E-11	1.99E-11	3.57E-07	5.63E-11	1.96E-11	3.47E-07	5.47E-11	1.90E-11
5148	497863.09, 3864377.25	3.59E-07	5.66E-11	1.97E-11	3.54E-07	5.58E-11	1.94E-11	3.44E-07	5.42E-11	1.89E-11
5149	498363.09, 3864377.25	3.49E-07	5.50E-11	1.91E-11	3.44E-07	5.42E-11	1.89E-11	3.34E-07	5.27E-11	1.84E-11
5150	471363.09, 3864877.25	8.95E-08	1.41E-11	4.91E-12	8.84E-08	1.39E-11	4.85E-12	8.58E-08	1.35E-11	4.71E-12
5151	471863.09, 3864877.25	9.25E-08	1.46E-11	5.08E-12	9.13E-08	1.44E-11	5.01E-12	8.87E-08	1.40E-11	4.87E-12
5152	472363.09, 3864877.25	9.55E-08	1.50E-11	5.24E-12	9.43E-08	1.49E-11	5.17E-12	9.15E-08	1.44E-11	5.02E-12
5153	472863.09, 3864877.25	9.86E-08	1.55E-11	5.41E-12	9.74E-08	1.53E-11	5.34E-12	9.45E-08	1.49E-11	5.19E-12
5154	473363.09, 3864877.25	1.02E-07	1.61E-11	5.62E-12	1.01E-07	1.59E-11	5.55E-12	9.82E-08	1.55E-11	5.39E-12
5155	473863.09, 3864877.25	1.07E-07	1.68E-11	5.86E-12	1.05E-07	1.66E-11	5.78E-12	1.02E-07	1.61E-11	5.61E-12
5156	474363.09, 3864877.25	1.12E-07	1.77E-11	6.15E-12	1.11E-07	1.74E-11	6.07E-12	1.07E-07	1.69E-11	5.89E-12
5157	474863.09, 3864877.25	1.18E-07	1.86E-11	6.49E-12	1.17E-07	1.84E-11	6.41E-12	1.13E-07	1.79E-11	6.22E-12
5158	475363.09, 3864877.25	1.26E-07	1.98E-11	6.90E-12	1.24E-07	1.95E-11	6.81E-12	1.20E-07	1.90E-11	6.61E-12
5159	475863.09, 3864877.25	1.34E-07	2.11E-11	7.34E-12	1.32E-07	2.08E-11	7.25E-12	1.28E-07	2.02E-11	7.04E-12
5160	476363.09, 3864877.25	1.42E-07	2.24E-11	7.80E-12	1.40E-07	2.21E-11	7.70E-12	1.36E-07	2.15E-11	7.47E-12
5161	476863.09, 3864877.25	1.50E-07	2.36E-11	8.23E-12	1.48E-07	2.33E-11	8.12E-12	1.44E-07	2.26E-11	7.89E-12
5162	477363.09, 3864877.25	1.55E-07	2.44E-11	8.49E-12	1.53E-07	2.41E-11	8.38E-12	1.48E-07	2.34E-11	8.14E-12
5163	477863.09, 3864877.25	1.57E-07	2.47E-11	8.59E-12	1.55E-07	2.43E-11	8.48E-12	1.50E-07	2.36E-11	8.23E-12
5164	478363.09, 3864877.25	1.56E-07	2.45E-11	8.54E-12	1.54E-07	2.42E-11	8.43E-12	1.49E-07	2.35E-11	8.19E-12
5165	478863.09, 3864877.25	1.54E-07	2.43E-11	8.46E-12	1.52E-07	2.40E-11	8.35E-12	1.48E-07	2.33E-11	8.11E-12
5166	479363.09, 3864877.25	1.54E-07	2.43E-11	8.47E-12	1.52E-07	2.40E-11	8.36E-12	1.48E-07	2.33E-11	8.12E-12
5167	479863.09, 3864877.25	1.58E-07	2.49E-11	8.69E-12	1.56E-07	2.46E-11	8.58E-12	1.52E-07	2.39E-11	8.33E-12
5168	480363.09, 3864877.25	1.67E-07	2.62E-11	9.14E-12	1.64E-07	2.59E-11	9.02E-12	1.60E-07	2.51E-11	8.76E-12
5169	480863.09, 3864877.25	1.76E-07	2.78E-11	9.67E-12	1.74E-07	2.74E-11	9.54E-12	1.69E-07	2.66E-11	9.27E-12
5170	481363.09, 3864877.25	1.86E-07	2.93E-11	1.02E-11	1.84E-07	2.90E-11	1.01E-11	1.78E-07	2.81E-11	9.80E-12
5171	481863.09, 3864877.25	1.96E-07	3.08E-11	1.07E-11	1.93E-07	3.04E-11	1.06E-11	1.88E-07	2.96E-11	1.03E-11
5172	482363.09, 3864877.25	2.05E-07	3.23E-11	1.13E-11	2.03E-07	3.19E-11	1.11E-11	1.97E-07	3.10E-11	1.08E-11
5173	482863.09, 3864877.25	2.15E-07	3.38E-11	1.18E-11	2.12E-07	3.34E-11	1.16E-11	2.06E-07	3.24E-11	1.13E-11
5174	483363.09, 3864877.25	2.25E-07	3.55E-11	1.24E-11	2.22E-07	3.50E-11	1.22E-11	2.16E-07	3.40E-11	1.18E-11
5175	483863.09, 3864877.25	2.41E-07	3.79E-11	1.32E-11	2.38E-07	3.75E-11	1.30E-11	2.31E-07	3.64E-11	1.27E-11
5176	484363.09, 3864877.25	2.61E-07	4.11E-11	1.43E-11	2.57E-07	4.05E-11	1.41E-11	2.50E-07	3.94E-11	1.37E-11

5177	484863.09, 3864877.25	2.79E-07	4.40E-11	1.53E-11	2.75E-07	4.34E-11	1.51E-11	2.68E-07	4.21E-11	1.47E-11
5178	485363.09, 3864877.25	2.98E-07	4.69E-11	1.63E-11	2.94E-07	4.63E-11	1.61E-11	2.85E-07	4.50E-11	1.57E-11
5179	485863.09, 3864877.25	3.11E-07	4.90E-11	1.71E-11	3.07E-07	4.83E-11	1.68E-11	2.98E-07	4.69E-11	1.63E-11
5180	486363.09, 3864877.25	3.23E-07	5.08E-11	1.77E-11	3.18E-07	5.02E-11	1.75E-11	3.09E-07	4.87E-11	1.70E-11
5181	486863.09, 3864877.25	3.32E-07	5.24E-11	1.82E-11	3.28E-07	5.17E-11	1.80E-11	3.19E-07	5.02E-11	1.75E-11
5182	487363.09, 3864877.25	3.47E-07	5.46E-11	1.90E-11	3.42E-07	5.39E-11	1.88E-11	3.32E-07	5.23E-11	1.82E-11
5183	487863.09, 3864877.25	3.63E-07	5.72E-11	1.99E-11	3.58E-07	5.64E-11	1.97E-11	3.48E-07	5.48E-11	1.91E-11
5184	488363.09, 3864877.25	3.62E-07	5.70E-11	1.98E-11	3.57E-07	5.62E-11	1.96E-11	3.46E-07	5.46E-11	1.90E-11
5185	488863.09, 3864877.25	3.61E-07	5.69E-11	1.98E-11	3.57E-07	5.62E-11	1.96E-11	3.46E-07	5.46E-11	1.90E-11
5186	489363.09, 3864877.25	3.52E-07	5.55E-11	1.93E-11	3.48E-07	5.48E-11	1.91E-11	3.38E-07	5.32E-11	1.85E-11
5187	489863.09, 3864877.25	3.51E-07	5.54E-11	1.93E-11	3.47E-07	5.46E-11	1.90E-11	3.37E-07	5.30E-11	1.85E-11
5188	490363.09, 3864877.25	3.54E-07	5.57E-11	1.94E-11	3.49E-07	5.50E-11	1.92E-11	3.39E-07	5.34E-11	1.86E-11
5189	490863.09, 3864877.25	3.38E-07	5.33E-11	1.86E-11	3.34E-07	5.26E-11	1.83E-11	3.24E-07	5.11E-11	1.78E-11
5190	491363.09, 3864877.25	3.52E-07	5.54E-11	1.93E-11	3.47E-07	5.47E-11	1.91E-11	3.37E-07	5.31E-11	1.85E-11
5191	491863.09, 3864877.25	3.18E-07	5.00E-11	1.74E-11	3.14E-07	4.94E-11	1.72E-11	3.04E-07	4.80E-11	1.67E-11
5192	492363.09, 3864877.25	9.46E-08	1.49E-11	5.19E-12	9.34E-08	1.47E-11	5.12E-12	9.07E-08	1.43E-11	4.98E-12
5193	492863.09, 3864877.25	1.37E-07	2.16E-11	7.54E-12	1.36E-07	2.14E-11	7.44E-12	1.32E-07	2.07E-11	7.23E-12
5194	493363.09, 3864877.25	1.33E-07	2.10E-11	7.32E-12	1.32E-07	2.07E-11	7.23E-12	1.28E-07	2.01E-11	7.02E-12
5195	493863.09, 3864877.25	2.94E-07	4.64E-11	1.62E-11	2.91E-07	4.58E-11	1.59E-11	2.82E-07	4.44E-11	1.55E-11
5196	494363.09, 3864877.25	3.25E-07	5.12E-11	1.78E-11	3.21E-07	5.05E-11	1.76E-11	3.11E-07	4.90E-11	1.71E-11
5197	494863.09, 3864877.25	3.31E-07	5.21E-11	1.81E-11	3.26E-07	5.14E-11	1.79E-11	3.17E-07	4.99E-11	1.74E-11
5198	495363.09, 3864877.25	3.44E-07	5.42E-11	1.89E-11	3.40E-07	5.35E-11	1.86E-11	3.30E-07	5.19E-11	1.81E-11
5199	495863.09, 3864877.25	3.42E-07	5.38E-11	1.87E-11	3.37E-07	5.31E-11	1.85E-11	3.27E-07	5.16E-11	1.80E-11
5200	496363.09, 3864877.25	3.36E-07	5.29E-11	1.84E-11	3.31E-07	5.22E-11	1.82E-11	3.22E-07	5.07E-11	1.77E-11
5201	496863.09, 3864877.25	3.28E-07	5.17E-11	1.80E-11	3.24E-07	5.11E-11	1.78E-11	3.15E-07	4.96E-11	1.73E-11
5202	497363.09, 3864877.25	3.22E-07	5.08E-11	1.77E-11	3.18E-07	5.01E-11	1.75E-11	3.09E-07	4.87E-11	1.70E-11
5203	497863.09, 3864877.25	3.18E-07	5.00E-11	1.74E-11	3.14E-07	4.94E-11	1.72E-11	3.04E-07	4.80E-11	1.67E-11
5204	498363.09, 3864877.25	3.11E-07	4.90E-11	1.71E-11	3.07E-07	4.84E-11	1.68E-11	2.98E-07	4.70E-11	1.64E-11
5205	471363.09, 3865377.25	8.65E-08	1.36E-11	4.75E-12	8.54E-08	1.35E-11	4.69E-12	8.29E-08	1.31E-11	4.55E-12
5206	471863.09, 3865377.25	8.93E-08	1.41E-11	4.90E-12	8.81E-08	1.39E-11	4.84E-12	8.56E-08	1.35E-11	4.70E-12
5207	472363.09, 3865377.25	9.25E-08	1.46E-11	5.08E-12	9.13E-08	1.44E-11	5.01E-12	8.87E-08	1.40E-11	4.87E-12
5208	472863.09, 3865377.25	9.63E-08	1.52E-11	5.29E-12	9.50E-08	1.50E-11	5.22E-12	9.23E-08	1.45E-11	5.07E-12
5209	473363.09, 3865377.25	1.01E-07	1.59E-11	5.54E-12	9.97E-08	1.57E-11	5.47E-12	9.68E-08	1.52E-11	5.31E-12
5210	473863.09, 3865377.25	1.06E-07	1.67E-11	5.84E-12	1.05E-07	1.65E-11	5.76E-12	1.02E-07	1.61E-11	5.59E-12
5211	474363.09, 3865377.25	1.13E-07	1.78E-11	6.19E-12	1.11E-07	1.75E-11	6.10E-12	1.08E-07	1.70E-11	5.93E-12
5212	474863.09, 3865377.25	1.20E-07	1.89E-11	6.58E-12	1.18E-07	1.86E-11	6.49E-12	1.15E-07	1.81E-11	6.30E-12
5213	475363.09, 3865377.25	1.27E-07	2.00E-11	6.96E-12	1.25E-07	1.97E-11	6.87E-12	1.21E-07	1.91E-11	6.67E-12
5214	475863.09, 3865377.25	1.33E-07	2.10E-11	7.30E-12	1.31E-07	2.07E-11	7.20E-12	1.27E-07	2.01E-11	7.00E-12
5215	476363.09, 3865377.25	1.38E-07	2.18E-11	7.59E-12	1.37E-07	2.15E-11	7.49E-12	1.33E-07	2.09E-11	7.28E-12
5216	476863.09, 3865377.25	1.38E-07	2.17E-11	7.56E-12	1.36E-07	2.14E-11	7.46E-12	1.32E-07	2.08E-11	7.24E-12
5217	477363.09, 3865377.25	1.39E-07	2.19E-11	7.63E-12	1.37E-07	2.16E-11	7.54E-12	1.33E-07	2.10E-11	7.32E-12
5218	477863.09, 3865377.25	1.37E-07	2.15E-11	7.51E-12	1.35E-07	2.13E-11	7.41E-12	1.31E-07	2.06E-11	7.19E-12
5219	478363.09, 3865377.25	1.36E-07	2.15E-11	7.48E-12	1.34E-07	2.12E-11	7.38E-12	1.31E-07	2.06E-11	7.17E-12
5220	478863.09, 3865377.25	1.38E-07	2.18E-11	7.58E-12	1.36E-07	2.15E-11	7.48E-12	1.32E-07	2.08E-11	7.26E-12
5221	479363.09, 3865377.25	1.43E-07	2.26E-11	7.87E-12	1.42E-07	2.23E-11	7.77E-12	1.37E-07	2.17E-11	7.54E-12
5222	479863.09, 3865377.25	1.51E-07	2.39E-11	8.31E-12	1.50E-07	2.36E-11	8.20E-12	1.45E-07	2.29E-11	7.97E-12
5223	480363.09, 3865377.25	1.60E-07	2.51E-11	8.76E-12	1.57E-07	2.48E-11	8.64E-12	1.53E-07	2.41E-11	8.39E-12
5224	480863.09, 3865377.25	1.67E-07	2.63E-11	9.18E-12	1.65E-07	2.60E-11	9.06E-12	1.60E-07	2.52E-11	8.80E-12
5225	481363.09, 3865377.25	1.75E-07	2.75E-11	9.58E-12	1.72E-07	2.72E-11	9.46E-12	1.67E-07	2.64E-11	9.19E-12
5226	481863.09, 3865377.25	1.82E-07	2.86E-11	9.98E-12	1.79E-07	2.83E-11	9.85E-12	1.74E-07	2.74E-11	9.56E-12
5227	482363.09, 3865377.25	1.89E-07	2.98E-11	1.04E-11	1.87E-07	2.94E-11	1.03E-11	1.81E-07	2.86E-11	9.96E-12
5228	482863.09, 3865377.25	1.98E-07	3.12E-11	1.09E-11	1.95E-07	3.08E-11	1.07E-11	1.90E-07	2.99E-11	1.04E-11
5229	483363.09, 3865377.25	2.10E-07	3.31E-11	1.15E-11	2.08E-07	3.27E-11	1.14E-11	2.02E-07	3.18E-11	1.11E-11
5230	483863.09, 3865377.25	2.26E-07	3.57E-11	1.24E-11	2.23E-07	3.52E-11	1.23E-11	2.17E-07	3.42E-11	1.19E-11
5231	484363.09, 3865377.25	2.42E-07	3.81E-11	1.33E-11	2.39E-07	3.76E-11	1.31E-11	2.32E-07	3.65E-11	1.27E-11
5232	484863.09, 3865377.25	2.57E-07	4.05E-11	1.41E-11	2.54E-07	4.00E-11	1.39E-11	2.46E-07	3.88E-11	1.35E-11
5233	485363.09, 3865377.25	2.69E-07	4.24E-11	1.48E-11	2.65E-07	4.18E-11	1.46E-11	2.58E-07	4.06E-11	1.41E-11
5234	485863.09, 3865377.25	2.76E-07	4.35E-11	1.52E-11	2.73E-07	4.30E-11	1.50E-11	2.65E-07	4.17E-11	1.45E-11
5235	486363.09, 3865377.25	2.87E-07	4.53E-11	1.58E-11	2.84E-07	4.47E-11	1.56E-11	2.75E-07	4.34E-11	1.51E-11
5236	486863.09, 3865377.25	2.94E-07	4.63E-11	1.61E-11	2.90E-07	4.57E-11	1.59E-11	2.82E-07	4.44E-11	1.55E-11
5237	487363.09, 3865377.25	3.07E-07	4.84E-11	1.68E-11	3.03E-07	4.77E-11	1.66E-11	2.94E-07	4.63E-11	1.61E-11
5238	487863.09, 3865377.25	3.13E-07	4.93E-11	1.72E-11	3.09E-07	4.87E-11	1.70E-11	3.00E-07	4.73E-11	1.65E-11
5239	488363.09, 3865377.25	3.09E-07	4.87E-11	1.70E-11	3.05E-07	4.80E-11	1.67E-11	2.96E-07	4.66E-11	1.63E-11
5240	488863.09, 3865377.25	3.11E-07	4.89E-11	1.70E-11	3.07E-07	4.83E-11	1.68E-11	2.98E-07	4.69E-11	1.63E-11
5241	489363.09, 3865377.25	3.05E-07	4.81E-11	1.67E-11	3.01E-07	4.74E-11	1.65E-11	2.92E-07	4.61E-11	1.61E-11
5242	489863.09, 3865377.25	3.03E-07	4.78E-11	1.67E-11	3.00E-07	4.72E-11	1.64E-11	2.91E-07	4.58E-11	1.60E-11
5243	490363.09, 3865377.25	2.94E-07	4.62E-11	1.61E-11	2.90E-07	4.56E-11	1.59E-11	2.81E-07	4.43E-11	1.54E-11
5244	490863.09, 3865377.25	2.89E-07	4.56E-11	1.59E-11	2.85E-07	4.50E-11	1.57E-11	2.77E-07	4.37E-11	1.52E-11
5245	491363.09, 3865377.25	2.77E-07	4.37E-11	1.52E-11	2.74E-07	4.31E-11	1.50E-11	2.66E-07	4.19E-11	1.46E-11
5246	491863.09, 3865377.25	2.74E-07	4.32E-11	1.50E-11	2.70E-07	4.26E-11	1.48E-11	2.63E-07	4.14E-11	1.44E-11

5247	492363.09, 3865377.25	2.18E-07	3.43E-11	1.19E-11	2.15E-07	3.39E-11	1.18E-11	2.09E-07	3.29E-11	1.15E-11
5248	492863.09, 3865377.25	1.60E-07	2.52E-11	8.77E-12	1.58E-07	2.48E-11	8.66E-12	1.53E-07	2.41E-11	8.41E-12
5249	493363.09, 3865377.25	1.18E-07	1.86E-11	6.47E-12	1.16E-07	1.83E-11	6.39E-12	1.13E-07	1.78E-11	6.20E-12
5250	493863.09, 3865377.25	1.99E-07	3.13E-11	1.09E-11	1.96E-07	3.09E-11	1.08E-11	1.90E-07	3.00E-11	1.05E-11
5251	494363.09, 3865377.25	2.65E-07	4.18E-11	1.46E-11	2.62E-07	4.13E-11	1.44E-11	2.54E-07	4.01E-11	1.40E-11
5252	494863.09, 3865377.25	2.79E-07	4.40E-11	1.53E-11	2.75E-07	4.34E-11	1.51E-11	2.68E-07	4.21E-11	1.47E-11
5253	495363.09, 3865377.25	2.85E-07	4.50E-11	1.57E-11	2.82E-07	4.44E-11	1.55E-11	2.74E-07	4.31E-11	1.50E-11
5254	495863.09, 3865377.25	3.00E-07	4.72E-11	1.64E-11	2.96E-07	4.66E-11	1.62E-11	2.87E-07	4.52E-11	1.58E-11
5255	496363.09, 3865377.25	2.99E-07	4.70E-11	1.64E-11	2.95E-07	4.64E-11	1.62E-11	2.86E-07	4.51E-11	1.57E-11
5256	496863.09, 3865377.25	2.92E-07	4.60E-11	1.60E-11	2.88E-07	4.54E-11	1.58E-11	2.80E-07	4.41E-11	1.54E-11
5257	497363.09, 3865377.25	2.87E-07	4.53E-11	1.58E-11	2.84E-07	4.47E-11	1.56E-11	2.75E-07	4.34E-11	1.51E-11
5258	497863.09, 3865377.25	2.83E-07	4.46E-11	1.55E-11	2.79E-07	4.40E-11	1.53E-11	2.71E-07	4.27E-11	1.49E-11
5259	498363.09, 3865377.25	2.80E-07	4.42E-11	1.54E-11	2.77E-07	4.36E-11	1.52E-11	2.69E-07	4.23E-11	1.48E-11
5260	471363.09, 3865877.25	8.42E-08	1.33E-11	4.62E-12	8.31E-08	1.31E-11	4.56E-12	8.07E-08	1.27E-11	4.43E-12
5261	471863.09, 3865877.25	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
5262	472363.09, 3865877.25	9.16E-08	1.44E-11	5.03E-12	9.04E-08	1.42E-11	4.96E-12	8.78E-08	1.38E-11	4.82E-12
5263	472863.09, 3865877.25	9.64E-08	1.52E-11	5.29E-12	9.52E-08	1.50E-11	5.22E-12	9.24E-08	1.46E-11	5.07E-12
5264	473363.09, 3865877.25	1.02E-07	1.61E-11	5.60E-12	1.01E-07	1.59E-11	5.53E-12	9.78E-08	1.54E-11	5.37E-12
5265	473863.09, 3865877.25	1.08E-07	1.70E-11	5.94E-12	1.07E-07	1.68E-11	5.86E-12	1.04E-07	1.63E-11	5.69E-12
5266	474363.09, 3865877.25	1.14E-07	1.80E-11	6.27E-12	1.13E-07	1.78E-11	6.19E-12	1.10E-07	1.73E-11	6.01E-12
5267	474863.09, 3865877.25	1.20E-07	1.89E-11	6.57E-12	1.18E-07	1.86E-11	6.49E-12	1.15E-07	1.81E-11	6.30E-12
5268	475363.09, 3865877.25	1.23E-07	1.94E-11	6.76E-12	1.22E-07	1.92E-11	6.68E-12	1.18E-07	1.86E-11	6.48E-12
5269	475863.09, 3865877.25	1.25E-07	1.97E-11	6.85E-12	1.23E-07	1.94E-11	6.76E-12	1.20E-07	1.88E-11	6.56E-12
5270	476363.09, 3865877.25	1.24E-07	1.96E-11	6.81E-12	1.23E-07	1.93E-11	6.72E-12	1.19E-07	1.87E-11	6.53E-12
5271	476863.09, 3865877.25	1.18E-07	1.86E-11	6.49E-12	1.17E-07	1.84E-11	6.41E-12	1.13E-07	1.79E-11	6.22E-12
5272	477363.09, 3865877.25	1.22E-07	1.92E-11	6.69E-12	1.20E-07	1.89E-11	6.60E-12	1.17E-07	1.84E-11	6.41E-12
5273	477863.09, 3865877.25	1.23E-07	1.93E-11	6.73E-12	1.21E-07	1.91E-11	6.64E-12	1.17E-07	1.85E-11	6.45E-12
5274	478363.09, 3865877.25	1.26E-07	1.98E-11	6.91E-12	1.24E-07	1.96E-11	6.82E-12	1.21E-07	1.90E-11	6.62E-12
5275	478863.09, 3865877.25	1.32E-07	2.07E-11	7.23E-12	1.30E-07	2.05E-11	7.13E-12	1.26E-07	1.99E-11	6.93E-12
5276	479363.09, 3865877.25	1.39E-07	2.19E-11	7.62E-12	1.37E-07	2.16E-11	7.52E-12	1.33E-07	2.10E-11	7.30E-12
5277	479863.09, 3865877.25	1.45E-07	2.29E-11	7.98E-12	1.44E-07	2.26E-11	7.88E-12	1.39E-07	2.20E-11	7.65E-12
5278	480363.09, 3865877.25	1.51E-07	2.39E-11	8.31E-12	1.50E-07	2.36E-11	8.20E-12	1.45E-07	2.29E-11	7.97E-12
5279	480863.09, 3865877.25	1.57E-07	2.47E-11	8.62E-12	1.55E-07	2.44E-11	8.51E-12	1.51E-07	2.37E-11	8.26E-12
5280	481363.09, 3865877.25	1.63E-07	2.56E-11	8.92E-12	1.60E-07	2.53E-11	8.80E-12	1.56E-07	2.45E-11	8.55E-12
5281	481863.09, 3865877.25	1.68E-07	2.65E-11	9.23E-12	1.66E-07	2.62E-11	9.11E-12	1.61E-07	2.54E-11	8.85E-12
5282	482363.09, 3865877.25	1.75E-07	2.76E-11	9.62E-12	1.73E-07	2.73E-11	9.49E-12	1.68E-07	2.65E-11	9.22E-12
5283	482863.09, 3865877.25	1.85E-07	2.92E-11	1.02E-11	1.83E-07	2.88E-11	1.00E-11	1.78E-07	2.80E-11	9.75E-12
5284	483363.09, 3865877.25	1.99E-07	3.14E-11	1.09E-11	1.97E-07	3.10E-11	1.08E-11	1.91E-07	3.01E-11	1.05E-11
5285	483863.09, 3865877.25	2.12E-07	3.35E-11	1.17E-11	2.10E-07	3.30E-11	1.15E-11	2.04E-07	3.21E-11	1.12E-11
5286	484363.09, 3865877.25	2.25E-07	3.54E-11	1.23E-11	2.22E-07	3.49E-11	1.22E-11	2.15E-07	3.39E-11	1.18E-11
5287	484863.09, 3865877.25	2.35E-07	3.70E-11	1.29E-11	2.32E-07	3.66E-11	1.27E-11	2.25E-07	3.55E-11	1.24E-11
5288	485363.09, 3865877.25	2.42E-07	3.80E-11	1.33E-11	2.38E-07	3.76E-11	1.31E-11	2.31E-07	3.65E-11	1.27E-11
5289	485863.09, 3865877.25	2.50E-07	3.94E-11	1.37E-11	2.47E-07	3.89E-11	1.35E-11	2.40E-07	3.78E-11	1.32E-11
5290	486363.09, 3865877.25	2.58E-07	4.06E-11	1.41E-11	2.54E-07	4.00E-11	1.39E-11	2.47E-07	3.89E-11	1.35E-11
5291	486863.09, 3865877.25	2.63E-07	4.14E-11	1.44E-11	2.60E-07	4.09E-11	1.42E-11	2.52E-07	3.97E-11	1.38E-11
5292	487363.09, 3865877.25	2.73E-07	4.30E-11	1.50E-11	2.69E-07	4.24E-11	1.48E-11	2.62E-07	4.12E-11	1.44E-11
5293	487863.09, 3865877.25	2.74E-07	4.31E-11	1.50E-11	2.70E-07	4.26E-11	1.48E-11	2.62E-07	4.13E-11	1.44E-11
5294	488363.09, 3865877.25	2.71E-07	4.27E-11	1.49E-11	2.68E-07	4.22E-11	1.47E-11	2.60E-07	4.10E-11	1.43E-11
5295	488863.09, 3865877.25	2.75E-07	4.33E-11	1.51E-11	2.71E-07	4.27E-11	1.49E-11	2.63E-07	4.15E-11	1.44E-11
5296	489363.09, 3865877.25	2.70E-07	4.25E-11	1.48E-11	2.66E-07	4.19E-11	1.46E-11	2.59E-07	4.07E-11	1.42E-11
5297	489863.09, 3865877.25	2.65E-07	4.17E-11	1.45E-11	2.61E-07	4.12E-11	1.44E-11	2.54E-07	4.00E-11	1.39E-11
5298	490363.09, 3865877.25	2.68E-07	4.22E-11	1.47E-11	2.64E-07	4.16E-11	1.45E-11	2.57E-07	4.04E-11	1.41E-11
5299	490863.09, 3865877.25	2.62E-07	4.13E-11	1.44E-11	2.59E-07	4.07E-11	1.42E-11	2.51E-07	3.96E-11	1.38E-11
5300	491363.09, 3865877.25	2.43E-07	3.82E-11	1.33E-11	2.39E-07	3.77E-11	1.31E-11	2.32E-07	3.66E-11	1.28E-11
5301	491863.09, 3865877.25	2.34E-07	3.68E-11	1.28E-11	2.31E-07	3.64E-11	1.27E-11	2.24E-07	3.53E-11	1.23E-11
5302	492363.09, 3865877.25	2.16E-07	3.41E-11	1.19E-11	2.14E-07	3.36E-11	1.17E-11	2.07E-07	3.27E-11	1.14E-11
5303	492863.09, 3865877.25	1.58E-07	2.49E-11	8.66E-12	1.56E-07	2.45E-11	8.55E-12	1.51E-07	2.38E-11	8.30E-12
5304	493363.09, 3865877.25	1.59E-07	2.50E-11	8.71E-12	1.57E-07	2.47E-11	8.60E-12	1.52E-07	2.40E-11	8.35E-12
5305	493863.09, 3865877.25	1.87E-07	2.95E-11	1.03E-11	1.85E-07	2.91E-11	1.02E-11	1.80E-07	2.83E-11	9.86E-12
5306	494363.09, 3865877.25	2.24E-07	3.53E-11	1.23E-11	2.21E-07	3.49E-11	1.21E-11	2.15E-07	3.39E-11	1.18E-11
5307	494863.09, 3865877.25	2.55E-07	4.01E-11	1.40E-11	2.51E-07	3.96E-11	1.38E-11	2.44E-07	3.84E-11	1.34E-11
5308	495363.09, 3865877.25	2.51E-07	3.95E-11	1.38E-11	2.48E-07	3.90E-11	1.36E-11	2.41E-07	3.79E-11	1.32E-11
5309	495863.09, 3865877.25	2.50E-07	3.94E-11	1.37E-11	2.47E-07	3.89E-11	1.35E-11	2.40E-07	3.77E-11	1.31E-11
5310	496363.09, 3865877.25	2.57E-07	4.05E-11	1.41E-11	2.54E-07	4.00E-11	1.39E-11	2.46E-07	3.88E-11	1.35E-11
5311	496863.09, 3865877.25	2.54E-07	4.00E-11	1.39E-11	2.50E-07	3.95E-11	1.37E-11	2.43E-07	3.83E-11	1.33E-11
5312	497363.09, 3865877.25	2.56E-07	4.04E-11	1.41E-11	2.53E-07	3.99E-11	1.39E-11	2.46E-07	3.87E-11	1.35E-11
5313	497863.09, 3865877.25	2.53E-07	3.99E-11	1.39E-11	2.50E-07	3.93E-11	1.37E-11	2.42E-07	3.82E-11	1.33E-11
5314	498363.09, 3865877.25	2.44E-07	3.85E-11	1.34E-11	2.41E-07	3.80E-11	1.32E-11	2.34E-07	3.69E-11	1.29E-11
5315	471363.09, 3866377.25	8.38E-08	1.32E-11	4.60E-12	8.27E-08	1.30E-11	4.54E-12	8.03E-08	1.27E-11	4.41E-12
5316	471863.09, 3866377.25	8.82E-08	1.39E-11	4.84E-12	8.71E-08	1.37E-11	4.78E-12	8.46E-08	1.33E-11	4.64E-12

5317	472363.09, 3866377.25	9.32E-08	1.47E-11	5.11E-12	9.20E-08	1.45E-11	5.05E-12	8.93E-08	1.41E-11	4.90E-12
5318	472863.09, 3866377.25	9.83E-08	1.55E-11	5.39E-12	9.70E-08	1.53E-11	5.32E-12	9.42E-08	1.48E-11	5.17E-12
5319	473363.09, 3866377.25	1.04E-07	1.63E-11	5.69E-12	1.02E-07	1.61E-11	5.62E-12	9.94E-08	1.57E-11	5.46E-12
5320	473863.09, 3866377.25	1.08E-07	1.70E-11	5.94E-12	1.07E-07	1.68E-11	5.86E-12	1.04E-07	1.63E-11	5.69E-12
5321	474363.09, 3866377.25	1.11E-07	1.75E-11	6.11E-12	1.10E-07	1.73E-11	6.03E-12	1.07E-07	1.68E-11	5.85E-12
5322	474863.09, 3866377.25	1.13E-07	1.77E-11	6.18E-12	1.11E-07	1.75E-11	6.10E-12	1.08E-07	1.70E-11	5.92E-12
5323	475363.09, 3866377.25	1.12E-07	1.76E-11	6.14E-12	1.10E-07	1.74E-11	6.06E-12	1.07E-07	1.69E-11	5.89E-12
5324	475863.09, 3866377.25	1.10E-07	1.74E-11	6.06E-12	1.09E-07	1.72E-11	5.98E-12	1.06E-07	1.67E-11	5.80E-12
5325	476363.09, 3866377.25	1.10E-07	1.73E-11	6.01E-12	1.08E-07	1.70E-11	5.94E-12	1.05E-07	1.65E-11	5.76E-12
5326	476863.09, 3866377.25	1.04E-07	1.63E-11	5.69E-12	1.02E-07	1.61E-11	5.61E-12	9.93E-08	1.56E-11	5.45E-12
5327	477363.09, 3866377.25	1.10E-07	1.74E-11	6.06E-12	1.09E-07	1.72E-11	5.98E-12	1.06E-07	1.67E-11	5.80E-12
5328	477863.09, 3866377.25	1.17E-07	1.84E-11	6.40E-12	1.15E-07	1.81E-11	6.32E-12	1.12E-07	1.76E-11	6.13E-12
5329	478363.09, 3866377.25	1.22E-07	1.92E-11	6.69E-12	1.20E-07	1.90E-11	6.60E-12	1.17E-07	1.84E-11	6.41E-12
5330	478863.09, 3866377.25	1.28E-07	2.02E-11	7.03E-12	1.26E-07	1.99E-11	6.94E-12	1.23E-07	1.93E-11	6.74E-12
5331	479363.09, 3866377.25	1.34E-07	2.11E-11	7.33E-12	1.32E-07	2.08E-11	7.24E-12	1.28E-07	2.02E-11	7.03E-12
5332	479863.09, 3866377.25	1.39E-07	2.19E-11	7.61E-12	1.37E-07	2.16E-11	7.51E-12	1.33E-07	2.09E-11	7.30E-12
5333	480363.09, 3866377.25	1.43E-07	2.26E-11	7.86E-12	1.41E-07	2.23E-11	7.75E-12	1.37E-07	2.16E-11	7.53E-12
5334	480863.09, 3866377.25	1.47E-07	2.32E-11	8.08E-12	1.45E-07	2.29E-11	7.97E-12	1.41E-07	2.22E-11	7.74E-12
5335	481363.09, 3866377.25	1.52E-07	2.39E-11	8.33E-12	1.50E-07	2.36E-11	8.22E-12	1.45E-07	2.29E-11	7.98E-12
5336	481863.09, 3866377.25	1.57E-07	2.47E-11	8.62E-12	1.55E-07	2.44E-11	8.51E-12	1.51E-07	2.37E-11	8.26E-12
5337	482363.09, 3866377.25	1.65E-07	2.60E-11	9.07E-12	1.63E-07	2.57E-11	8.95E-12	1.58E-07	2.50E-11	8.69E-12
5338	482863.09, 3866377.25	1.77E-07	2.78E-11	9.70E-12	1.74E-07	2.75E-11	9.57E-12	1.69E-07	2.67E-11	9.30E-12
5339	483363.09, 3866377.25	1.88E-07	2.96E-11	1.03E-11	1.86E-07	2.92E-11	1.02E-11	1.80E-07	2.84E-11	9.89E-12
5340	483863.09, 3866377.25	1.98E-07	3.12E-11	1.09E-11	1.95E-07	3.08E-11	1.07E-11	1.90E-07	2.99E-11	1.04E-11
5341	484363.09, 3866377.25	2.08E-07	3.27E-11	1.14E-11	2.05E-07	3.23E-11	1.12E-11	1.99E-07	3.13E-11	1.09E-11
5342	484863.09, 3866377.25	2.15E-07	3.39E-11	1.18E-11	2.12E-07	3.34E-11	1.16E-11	2.06E-07	3.25E-11	1.13E-11
5343	485363.09, 3866377.25	2.20E-07	3.47E-11	1.21E-11	2.17E-07	3.42E-11	1.19E-11	2.11E-07	3.32E-11	1.16E-11
5344	485863.09, 3866377.25	2.27E-07	3.58E-11	1.25E-11	2.24E-07	3.53E-11	1.23E-11	2.18E-07	3.43E-11	1.20E-11
5345	486363.09, 3866377.25	2.32E-07	3.65E-11	1.27E-11	2.29E-07	3.60E-11	1.25E-11	2.22E-07	3.50E-11	1.22E-11
5346	486863.09, 3866377.25	2.38E-07	3.75E-11	1.31E-11	2.35E-07	3.70E-11	1.29E-11	2.28E-07	3.59E-11	1.25E-11
5347	487363.09, 3866377.25	2.48E-07	3.91E-11	1.36E-11	2.45E-07	3.86E-11	1.35E-11	2.38E-07	3.75E-11	1.31E-11
5348	487863.09, 3866377.25	2.46E-07	3.88E-11	1.35E-11	2.43E-07	3.83E-11	1.33E-11	2.36E-07	3.72E-11	1.29E-11
5349	488363.09, 3866377.25	2.47E-07	3.90E-11	1.36E-11	2.44E-07	3.85E-11	1.34E-11	2.37E-07	3.74E-11	1.30E-11
5350	488863.09, 3866377.25	2.46E-07	3.88E-11	1.35E-11	2.43E-07	3.83E-11	1.33E-11	2.36E-07	3.72E-11	1.30E-11
5351	489363.09, 3866377.25	2.35E-07	3.70E-11	1.29E-11	2.32E-07	3.65E-11	1.27E-11	2.25E-07	3.55E-11	1.24E-11
5352	489863.09, 3866377.25	2.16E-07	3.40E-11	1.18E-11	2.13E-07	3.35E-11	1.17E-11	2.07E-07	3.26E-11	1.13E-11
5353	490363.09, 3866377.25	2.38E-07	3.75E-11	1.30E-11	2.35E-07	3.70E-11	1.29E-11	2.28E-07	3.59E-11	1.25E-11
5354	490863.09, 3866377.25	2.41E-07	3.79E-11	1.32E-11	2.37E-07	3.74E-11	1.30E-11	2.31E-07	3.63E-11	1.27E-11
5355	491363.09, 3866377.25	2.38E-07	3.74E-11	1.30E-11	2.35E-07	3.69E-11	1.29E-11	2.28E-07	3.59E-11	1.25E-11
5356	491863.09, 3866377.25	1.98E-07	3.12E-11	1.09E-11	1.96E-07	3.08E-11	1.07E-11	1.90E-07	2.99E-11	1.04E-11
5357	492363.09, 3866377.25	1.97E-07	3.11E-11	1.08E-11	1.95E-07	3.07E-11	1.07E-11	1.89E-07	2.98E-11	1.04E-11
5358	492863.09, 3866377.25	1.73E-07	2.72E-11	9.48E-12	1.71E-07	2.69E-11	9.36E-12	1.66E-07	2.61E-11	9.09E-12
5359	493363.09, 3866377.25	1.88E-07	2.97E-11	1.03E-11	1.86E-07	2.93E-11	1.02E-11	1.80E-07	2.84E-11	9.90E-12
5360	493863.09, 3866377.25	2.02E-07	3.18E-11	1.11E-11	1.99E-07	3.14E-11	1.09E-11	1.93E-07	3.05E-11	1.06E-11
5361	494363.09, 3866377.25	2.16E-07	3.39E-11	1.18E-11	2.13E-07	3.35E-11	1.17E-11	2.07E-07	3.25E-11	1.13E-11
5362	494863.09, 3866377.25	2.18E-07	3.43E-11	1.19E-11	2.15E-07	3.39E-11	1.18E-11	2.09E-07	3.29E-11	1.15E-11
5363	495363.09, 3866377.25	2.15E-07	3.39E-11	1.18E-11	2.13E-07	3.35E-11	1.17E-11	2.06E-07	3.25E-11	1.13E-11
5364	495863.09, 3866377.25	2.06E-07	3.24E-11	1.13E-11	2.03E-07	3.20E-11	1.12E-11	1.97E-07	3.11E-11	1.08E-11
5365	496363.09, 3866377.25	2.07E-07	3.27E-11	1.14E-11	2.05E-07	3.23E-11	1.12E-11	1.99E-07	3.13E-11	1.09E-11
5366	496863.09, 3866377.25	2.11E-07	3.33E-11	1.16E-11	2.09E-07	3.29E-11	1.15E-11	2.03E-07	3.19E-11	1.11E-11
5367	497363.09, 3866377.25	2.16E-07	3.40E-11	1.18E-11	2.13E-07	3.35E-11	1.17E-11	2.07E-07	3.26E-11	1.13E-11
5368	497863.09, 3866377.25	2.21E-07	3.47E-11	1.21E-11	2.18E-07	3.43E-11	1.19E-11	2.11E-07	3.33E-11	1.16E-11
5369	498363.09, 3866377.25	1.95E-07	3.07E-11	1.07E-11	1.92E-07	3.03E-11	1.05E-11	1.87E-07	2.94E-11	1.02E-11
5370	474494.92, 3848334.16	6.18E-08	9.74E-12	3.39E-12	6.10E-08	9.61E-12	3.35E-12	5.92E-08	9.33E-12	3.25E-12
5371	475167.27, 3848920.79	6.73E-08	1.06E-11	3.69E-12	6.64E-08	1.05E-11	3.64E-12	6.45E-08	1.02E-11	3.54E-12
5372	475297.89, 3848997.96	6.82E-08	1.07E-11	3.74E-12	6.73E-08	1.06E-11	3.69E-12	6.54E-08	1.03E-11	3.59E-12
5373	475439.05, 3849062	6.77E-08	1.07E-11	3.71E-12	6.68E-08	1.05E-11	3.67E-12	6.49E-08	1.02E-11	3.56E-12
5374	475486.86, 3849061.09	6.74E-08	1.06E-11	3.70E-12	6.65E-08	1.05E-11	3.65E-12	6.46E-08	1.02E-11	3.55E-12
5375	475538.46, 3849075.56	6.79E-08	1.07E-11	3.73E-12	6.70E-08	1.06E-11	3.68E-12	6.51E-08	1.03E-11	3.57E-12
5376	475751.79, 3849137.15	7.05E-08	1.11E-11	3.87E-12	6.96E-08	1.10E-11	3.82E-12	6.76E-08	1.06E-11	3.71E-12
5377	476303.62, 3849223.38	7.40E-08	1.17E-11	4.06E-12	7.31E-08	1.15E-11	4.01E-12	7.10E-08	1.12E-11	3.89E-12
5378	476304.51, 3849238.92	7.42E-08	1.17E-11	4.07E-12	7.32E-08	1.15E-11	4.02E-12	7.11E-08	1.12E-11	3.90E-12
5379	476365.04, 3849247.98	7.46E-08	1.17E-11	4.09E-12	7.36E-08	1.16E-11	4.04E-12	7.15E-08	1.13E-11	3.92E-12
5380	476444.86, 3849267.13	7.47E-08	1.18E-11	4.10E-12	7.37E-08	1.16E-11	4.05E-12	7.16E-08	1.13E-11	3.93E-12
5381	476550.75, 3849300.66	7.57E-08	1.19E-11	4.16E-12	7.48E-08	1.18E-11	4.10E-12	7.26E-08	1.14E-11	3.98E-12
5382	476656.71, 3849346.88	7.66E-08	1.21E-11	4.21E-12	7.56E-08	1.19E-11	4.15E-12	7.35E-08	1.16E-11	4.03E-12
5383	476873.55, 3849454.53	7.89E-08	1.24E-11	4.33E-12	7.78E-08	1.23E-11	4.27E-12	7.56E-08	1.19E-11	4.15E-12
5384	477700, 3849859.7	8.65E-08	1.36E-11	4.75E-12	8.54E-08	1.35E-11	4.69E-12	8.29E-08	1.31E-11	4.55E-12
5385	477743.16, 3849856.38	8.59E-08	1.35E-11	4.71E-12	8.48E-08	1.34E-11	4.65E-12	8.23E-08	1.30E-11	4.52E-12
5386	478477.35, 3850216.33	9.01E-08	1.42E-11	4.94E-12	8.89E-08	1.40E-11	4.88E-12	8.63E-08	1.36E-11	4.74E-12

5387	478485.8, 3850201.6	8.98E-08	1.41E-11	4.93E-12	8.86E-08	1.40E-11	4.86E-12	8.61E-08	1.36E-11	4.72E-12
5388	479113.21, 3850501.53	9.79E-08	1.54E-11	5.37E-12	9.66E-08	1.52E-11	5.30E-12	9.38E-08	1.48E-11	5.15E-12
5389	479108.11, 3850382.28	9.59E-08	1.51E-11	5.26E-12	9.47E-08	1.49E-11	5.20E-12	9.19E-08	1.45E-11	5.04E-12
5390	479689.85, 3850674.28	1.02E-07	1.60E-11	5.59E-12	1.00E-07	1.58E-11	5.51E-12	9.75E-08	1.54E-11	5.35E-12
5391	479952.42, 3850774.28	1.06E-07	1.67E-11	5.81E-12	1.04E-07	1.64E-11	5.73E-12	1.01E-07	1.60E-11	5.57E-12
5392	479911.32, 3850884.85	1.07E-07	1.68E-11	5.86E-12	1.05E-07	1.66E-11	5.79E-12	1.02E-07	1.61E-11	5.62E-12
5393	480500.92, 3851178.12	1.20E-07	1.89E-11	6.57E-12	1.18E-07	1.86E-11	6.49E-12	1.15E-07	1.81E-11	6.30E-12
5394	480738.01, 3851289.27	1.26E-07	1.98E-11	6.89E-12	1.24E-07	1.95E-11	6.80E-12	1.20E-07	1.90E-11	6.61E-12
5395	481055.42, 3851443.58	1.34E-07	2.11E-11	7.36E-12	1.32E-07	2.09E-11	7.27E-12	1.29E-07	2.03E-11	7.06E-12
5396	481110.22, 3851443.15	1.36E-07	2.14E-11	7.44E-12	1.34E-07	2.11E-11	7.35E-12	1.30E-07	2.05E-11	7.13E-12
5397	481111.1, 3851417.45	1.35E-07	2.13E-11	7.43E-12	1.34E-07	2.11E-11	7.34E-12	1.30E-07	2.05E-11	7.13E-12
5398	482248.44, 3852605.09	1.76E-07	2.77E-11	9.63E-12	1.73E-07	2.73E-11	9.51E-12	1.68E-07	2.65E-11	9.23E-12
5399	482273.34, 3852632.31	1.76E-07	2.78E-11	9.68E-12	1.74E-07	2.74E-11	9.56E-12	1.69E-07	2.66E-11	9.28E-12
5400	482665.46, 3853038.72	1.94E-07	3.05E-11	1.06E-11	1.91E-07	3.01E-11	1.05E-11	1.85E-07	2.92E-11	1.02E-11
5401	483077.95, 3853844.31	2.21E-07	3.48E-11	1.21E-11	2.18E-07	3.44E-11	1.20E-11	2.12E-07	3.34E-11	1.16E-11
5402	483121.38, 3853909.38	2.24E-07	3.53E-11	1.23E-11	2.21E-07	3.48E-11	1.21E-11	2.15E-07	3.38E-11	1.18E-11
5403	483492.64, 3853911.49	2.30E-07	3.63E-11	1.26E-11	2.27E-07	3.58E-11	1.25E-11	2.21E-07	3.48E-11	1.21E-11
5404	483498.29, 3854204.73	2.42E-07	3.81E-11	1.33E-11	2.39E-07	3.76E-11	1.31E-11	2.32E-07	3.65E-11	1.27E-11
5405	484132.44, 3854662.55	2.40E-07	3.79E-11	1.32E-11	2.37E-07	3.74E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
5406	484627.62, 3854876.13	2.76E-07	4.34E-11	1.51E-11	2.72E-07	4.29E-11	1.49E-11	2.64E-07	4.16E-11	1.45E-11
5407	484756.14, 3854949.04	2.94E-07	4.63E-11	1.61E-11	2.90E-07	4.57E-11	1.59E-11	2.82E-07	4.44E-11	1.55E-11
5408	486697.51, 3856599.17	7.74E-07	1.22E-10	4.25E-11	7.64E-07	1.20E-10	4.19E-11	7.42E-07	1.17E-10	4.07E-11
5409	487105.31, 3856962.27	1.12E-06	1.76E-10	6.14E-11	1.10E-06	1.74E-10	6.06E-11	1.07E-06	1.69E-10	5.88E-11
5410	487157.57, 3856901.7	1.13E-06	1.78E-10	6.21E-11	1.12E-06	1.76E-10	6.13E-11	1.08E-06	1.71E-10	5.95E-11
5411	487173.5, 3856853.74	1.10E-06	1.74E-10	6.06E-11	1.09E-06	1.72E-10	5.98E-11	1.06E-06	1.67E-10	5.81E-11
5412	487564.41, 3856860.83	1.14E-06	1.80E-10	6.26E-11	1.13E-06	1.77E-10	6.18E-11	1.09E-06	1.72E-10	6.00E-11
5413	487563.31, 3856931.58	1.21E-06	1.91E-10	6.65E-11	1.20E-06	1.88E-10	6.57E-11	1.16E-06	1.83E-10	6.38E-11
5414	487782.7, 3856926.85	1.26E-06	1.99E-10	6.94E-11	1.25E-06	1.97E-10	6.85E-11	1.21E-06	1.91E-10	6.65E-11
5415	487782.39, 3856757.07	1.10E-06	1.74E-10	6.06E-11	1.09E-06	1.72E-10	5.98E-11	1.06E-06	1.67E-10	5.80E-11
5416	487917.26, 3856752.41	1.14E-06	1.80E-10	6.28E-11	1.13E-06	1.78E-10	6.20E-11	1.10E-06	1.73E-10	6.02E-11
5417	487919.57, 3856953.35	1.34E-06	2.11E-10	7.35E-11	1.32E-06	2.08E-10	7.25E-11	1.28E-06	2.02E-10	7.04E-11
5418	487932.76, 3857000.32	1.39E-06	2.19E-10	7.62E-11	1.37E-06	2.16E-10	7.52E-11	1.33E-06	2.10E-10	7.31E-11
5419	487960.5, 3857044.75	1.45E-06	2.28E-10	7.95E-11	1.43E-06	2.25E-10	7.85E-11	1.39E-06	2.19E-10	7.62E-11
5420	488016.54, 3857089.54	1.52E-06	2.40E-10	8.37E-11	1.50E-06	2.37E-10	8.26E-11	1.46E-06	2.30E-10	8.02E-11
5421	488114.39, 3857165.47	1.68E-06	2.64E-10	9.21E-11	1.66E-06	2.61E-10	9.09E-11	1.61E-06	2.53E-10	8.83E-11
5422	488171.49, 3857234.24	1.83E-06	2.88E-10	1.00E-10	1.81E-06	2.84E-10	9.91E-11	1.75E-06	2.76E-10	9.62E-11
5423	488193.16, 3857297.8	1.98E-06	3.12E-10	1.09E-10	1.96E-06	3.08E-10	1.07E-10	1.90E-06	2.99E-10	1.04E-10
5424	488189.27, 3857649.94	3.33E-06	5.25E-10	1.83E-10	3.29E-06	5.18E-10	1.81E-10	3.19E-06	5.03E-10	1.75E-10
5425	488127.43, 3857732.32	3.95E-06	6.23E-10	2.17E-10	3.90E-06	6.15E-10	2.14E-10	3.79E-06	5.97E-10	2.08E-10
5426	488149.93, 3857752.94	4.15E-06	6.54E-10	2.28E-10	4.10E-06	6.45E-10	2.25E-10	3.98E-06	6.27E-10	2.18E-10
5427	488144.76, 3857758.71	4.21E-06	6.63E-10	2.31E-10	4.16E-06	6.55E-10	2.28E-10	4.03E-06	6.36E-10	2.21E-10
5428	488335.58, 3857932.55	8.51E-06	1.34E-09	4.67E-10	8.40E-06	1.32E-09	4.61E-10	8.16E-06	1.29E-09	4.48E-10
5429	488372.29, 3857943.79	9.39E-06	1.48E-09	5.16E-10	9.27E-06	1.46E-09	5.09E-10	9.00E-06	1.42E-09	4.94E-10
5430	488828.64, 3857936.4	1.12E-05	1.76E-09	6.14E-10	1.10E-05	1.74E-09	6.06E-10	1.07E-05	1.69E-09	5.89E-10
5431	488829.08, 3857959.58	1.25E-05	1.97E-09	6.86E-10	1.23E-05	1.94E-09	6.77E-10	1.20E-05	1.89E-09	6.57E-10
5432	488351.61, 3857964.55	1.09E-05	1.72E-09	5.98E-10	1.08E-05	1.69E-09	5.90E-10	1.04E-05	1.65E-09	5.73E-10
5433	488316.87, 3857947.65	9.36E-06	1.47E-09	5.14E-10	9.24E-06	1.45E-09	5.07E-10	8.97E-06	1.41E-09	4.92E-10
5434	488129.1, 3857775.77	4.41E-06	6.94E-10	2.42E-10	4.35E-06	6.85E-10	2.39E-10	4.22E-06	6.65E-10	2.32E-10
5435	488062.53, 3857846.13	5.24E-06	8.25E-10	2.87E-10	5.17E-06	8.14E-10	2.84E-10	5.02E-06	7.91E-10	2.75E-10
5436	488330.41, 3858091.34	1.80E-04	2.84E-08	9.89E-09	1.78E-04	2.80E-08	9.76E-09	1.73E-04	2.72E-08	9.48E-09
5437	488470.87, 3858174.45	1.03E-04	1.62E-08	5.63E-09	1.01E-04	1.60E-08	5.56E-09	9.83E-05	1.55E-08	5.40E-09
5438	488568.9, 3858262.31	9.69E-05	1.53E-08	5.32E-09	9.56E-05	1.51E-08	5.25E-09	9.29E-05	1.46E-08	5.10E-09
5439	488964.27, 3858025.71	1.52E-05	2.40E-09	8.35E-10	1.50E-05	2.37E-09	8.24E-10	1.46E-05	2.30E-09	8.00E-10
5440	489147.25, 3857956.64	1.13E-05	1.77E-09	6.18E-10	1.11E-05	1.75E-09	6.10E-10	1.08E-05	1.70E-09	5.92E-10
5441	489343.52, 3857932.45	1.01E-05	1.59E-09	5.54E-10	9.96E-06	1.57E-09	5.47E-10	9.67E-06	1.52E-09	5.31E-10
5442	489866.19, 3857923.19	9.91E-06	1.56E-09	5.44E-10	9.78E-06	1.54E-09	5.37E-10	9.50E-06	1.50E-09	5.21E-10
5443	489955.65, 3857902.27	9.47E-06	1.49E-09	5.20E-10	9.35E-06	1.47E-09	5.13E-10	9.08E-06	1.43E-09	4.98E-10
5444	490079.44, 3857847.9	8.67E-06	1.37E-09	4.76E-10	8.55E-06	1.35E-09	4.69E-10	8.30E-06	1.31E-09	4.56E-10
5445	490108.49, 3857934.13	1.07E-05	1.68E-09	5.87E-10	1.05E-05	1.66E-09	5.79E-10	1.02E-05	1.61E-09	5.62E-10
5446	489884.48, 3858014.17	1.26E-05	1.98E-09	6.90E-10	1.24E-05	1.96E-09	6.81E-10	1.21E-05	1.90E-09	6.62E-10
5447	489326.56, 3858025.86	1.30E-05	2.05E-09	7.13E-10	1.28E-05	2.02E-09	7.04E-10	1.24E-05	1.96E-09	6.83E-10
5448	489130.38, 3858056.71	1.51E-05	2.38E-09	8.29E-10	1.49E-05	2.35E-09	8.18E-10	1.45E-05	2.28E-09	7.94E-10
5449	488936.49, 3858143.93	2.22E-05	3.50E-09	1.22E-09	2.19E-05	3.45E-09	1.20E-09	2.13E-05	3.35E-09	1.17E-09
5450	488638.08, 3858327.45	9.66E-05	1.52E-08	5.30E-09	9.53E-05	1.50E-08	5.23E-09	9.26E-05	1.46E-08	5.08E-09
5451	488663.79, 3858349.57	9.50E-05	1.50E-08	5.22E-09	9.38E-05	1.48E-08	5.15E-09	9.11E-05	1.43E-08	5.00E-09
5452	488694.56, 3858349.5	7.72E-05	1.22E-08	4.24E-09	7.62E-05	1.20E-08	4.18E-09	7.40E-05	1.17E-08	4.06E-09
5453	488694.35, 3858336.75	7.15E-05	1.13E-08	3.92E-09	7.06E-05	1.11E-08	3.87E-09	6.85E-05	1.08E-08	3.76E-09
5454	488712.81, 3858336.38	6.49E-05	1.02E-08	3.56E-09	6.41E-05	1.01E-08	3.52E-09	6.22E-05	9.80E-09	3.41E-09
5455	488713.23, 3858367.46	7.75E-05	1.22E-08	4.25E-09	7.65E-05	1.20E-08	4.20E-09	7.43E-05	1.17E-08	4.08E-09
5456	488704.63, 3858384.05	9.25E-05	1.46E-08	5.08E-09	9.13E-05	1.44E-08	5.01E-09	8.87E-05	1.40E-08	4.87E-09

5457	488604.15, 3858488.29	3.05E-05	4.81E-09	1.68E-09	3.01E-05	4.75E-09	1.65E-09	2.93E-05	4.61E-09	1.61E-09
5458	488605.66, 3858550.47	2.29E-05	3.60E-09	1.25E-09	2.26E-05	3.55E-09	1.24E-09	2.19E-05	3.45E-09	1.20E-09
5459	488692.68, 3858548.71	3.44E-05	5.42E-09	1.89E-09	3.40E-05	5.35E-09	1.86E-09	3.30E-05	5.20E-09	1.81E-09
5460	488759.93, 3858461.81	1.18E-04	1.86E-08	6.49E-09	1.17E-04	1.84E-08	6.41E-09	1.13E-04	1.79E-08	6.22E-09
5461	488816.57, 3858541.79	1.67E-04	2.63E-08	9.15E-09	1.65E-04	2.59E-08	9.03E-09	1.60E-04	2.52E-08	8.77E-09
5462	488944.63, 3858656.77	1.63E-04	2.57E-08	8.95E-09	1.61E-04	2.54E-08	8.83E-09	1.56E-04	2.46E-08	8.58E-09
5463	489134.91, 3858830.7	1.75E-04	2.76E-08	9.61E-09	1.73E-04	2.72E-08	9.49E-09	1.68E-04	2.64E-08	9.21E-09
5464	489193.99, 3858886.05	2.05E-04	3.23E-08	1.13E-08	2.02E-04	3.19E-08	1.11E-08	1.97E-04	3.10E-08	1.08E-08
5465	489295.2, 3858954.34	8.78E-05	1.38E-08	4.82E-09	8.67E-05	1.37E-08	4.76E-09	8.42E-05	1.33E-08	4.62E-09
5466	489295.64, 3858992.74	7.62E-05	1.20E-08	4.18E-09	7.52E-05	1.18E-08	4.13E-09	7.30E-05	1.15E-08	4.01E-09
5467	489183.74, 3858911.72	9.66E-05	1.52E-08	5.30E-09	9.53E-05	1.50E-08	5.23E-09	9.25E-05	1.46E-08	5.08E-09
5468	488873.37, 3858625.59	7.34E-05	1.16E-08	4.03E-09	7.24E-05	1.14E-08	3.98E-09	7.04E-05	1.11E-08	3.86E-09
5469	488842.84, 3858658.69	4.40E-05	6.93E-09	2.41E-09	4.34E-05	6.84E-09	2.38E-09	4.21E-05	6.64E-09	2.31E-09
5470	488856.39, 3858670.93	4.46E-05	7.03E-09	2.45E-09	4.41E-05	6.94E-09	2.42E-09	4.28E-05	6.74E-09	2.35E-09
5471	488805.7, 3858724.5	2.54E-05	4.00E-09	1.39E-09	2.50E-05	3.95E-09	1.37E-09	2.43E-05	3.83E-09	1.33E-09
5472	488805.87, 3858804.16	1.97E-05	3.10E-09	1.08E-09	1.94E-05	3.06E-09	1.07E-09	1.89E-05	2.97E-09	1.04E-09
5473	488995.78, 3858936.96	2.45E-05	3.87E-09	1.35E-09	2.42E-05	3.82E-09	1.33E-09	2.35E-05	3.71E-09	1.29E-09
5474	489130.76, 3859017.38	3.60E-05	5.68E-09	1.98E-09	3.56E-05	5.60E-09	1.95E-09	3.45E-05	5.44E-09	1.90E-09
5475	489130.92, 3859052.24	3.40E-05	5.36E-09	1.87E-09	3.36E-05	5.29E-09	1.84E-09	3.26E-05	5.14E-09	1.79E-09
5476	489200.33, 3859090.6	5.98E-05	9.42E-09	3.28E-09	5.90E-05	9.30E-09	3.24E-09	5.73E-05	9.03E-09	3.15E-09
5477	489296.07, 3859143.7	6.53E-05	1.03E-08	3.58E-09	6.45E-05	1.02E-08	3.54E-09	6.26E-05	9.86E-09	3.44E-09
5478	489296.43, 3858954.74	8.70E-05	1.37E-08	4.77E-09	8.59E-05	1.35E-08	4.71E-09	8.34E-05	1.31E-08	4.58E-09
5479	489410.33, 3859033.19	4.47E-05	7.04E-09	2.45E-09	4.41E-05	6.95E-09	2.42E-09	4.28E-05	6.75E-09	2.35E-09
5480	489371.37, 3859089.8	4.66E-05	7.34E-09	2.56E-09	4.60E-05	7.24E-09	2.52E-09	4.47E-05	7.03E-09	2.45E-09
5481	489390.52, 3859102.82	4.30E-05	6.77E-09	2.36E-09	4.24E-05	6.68E-09	2.33E-09	4.12E-05	6.49E-09	2.26E-09
5482	489382.3, 3859114.53	4.38E-05	6.90E-09	2.41E-09	4.33E-05	6.81E-09	2.37E-09	4.20E-05	6.62E-09	2.31E-09
5483	489363.04, 3859102.45	4.76E-05	7.51E-09	2.62E-09	4.70E-05	7.41E-09	2.58E-09	4.57E-05	7.19E-09	2.51E-09
5484	489337.52, 3859140.71	5.18E-05	8.16E-09	2.84E-09	5.11E-05	8.05E-09	2.81E-09	4.96E-05	7.82E-09	2.72E-09
5485	489375.14, 3859164.55	4.35E-05	6.85E-09	2.39E-09	4.29E-05	6.76E-09	2.36E-09	4.17E-05	6.57E-09	2.29E-09
5486	489409.3, 3859114.5	4.00E-05	6.30E-09	2.20E-09	3.95E-05	6.22E-09	2.17E-09	3.83E-05	6.04E-09	2.10E-09
5487	489434.87, 3859131.81	3.66E-05	5.77E-09	2.01E-09	3.61E-05	5.69E-09	1.98E-09	3.51E-05	5.53E-09	1.93E-09
5488	489471.87, 3859075.75	3.62E-05	5.71E-09	1.99E-09	3.58E-05	5.63E-09	1.96E-09	3.47E-05	5.47E-09	1.91E-09
5489	489602.62, 3859164.69	2.64E-05	4.15E-09	1.45E-09	2.60E-05	4.10E-09	1.43E-09	2.53E-05	3.98E-09	1.39E-09
5490	489558.29, 3859232.45	2.58E-05	4.06E-09	1.41E-09	2.54E-05	4.00E-09	1.39E-09	2.47E-05	3.89E-09	1.35E-09
5491	489620.11, 3859273.56	2.25E-05	3.54E-09	1.23E-09	2.22E-05	3.50E-09	1.22E-09	2.15E-05	3.39E-09	1.18E-09
5492	489666.06, 3859206.42	2.34E-05	3.68E-09	1.28E-09	2.31E-05	3.63E-09	1.27E-09	2.24E-05	3.53E-09	1.23E-09
5493	489787.9, 3859285.65	1.89E-05	2.98E-09	1.04E-09	1.87E-05	2.94E-09	1.03E-09	1.81E-05	2.86E-09	9.95E-10
5494	489752.17, 3859343.13	1.75E-05	2.75E-09	9.58E-10	1.72E-05	2.71E-09	9.46E-10	1.67E-05	2.64E-09	9.18E-10
5495	489814.94, 3859385.33	1.53E-05	2.42E-09	8.42E-10	1.51E-05	2.39E-09	8.31E-10	1.47E-05	2.32E-09	8.07E-10
5496	489853.42, 3859330.74	1.70E-05	2.68E-09	9.32E-10	1.68E-05	2.64E-09	9.20E-10	1.63E-05	2.56E-09	8.93E-10
5497	489969.5, 3859401.91	1.39E-05	2.19E-09	7.65E-10	1.37E-05	2.17E-09	7.55E-10	1.34E-05	2.10E-09	7.33E-10
5498	490166.91, 3859486.96	1.10E-05	1.73E-09	6.02E-10	1.08E-05	1.71E-09	5.94E-10	1.05E-05	1.66E-09	5.77E-10
5499	490128.86, 3859571.46	8.61E-06	1.36E-09	4.72E-10	8.49E-06	1.34E-09	4.66E-10	8.25E-06	1.30E-09	4.53E-10
5500	490186.65, 3859593.65	8.08E-06	1.27E-09	4.44E-10	7.98E-06	1.26E-09	4.38E-10	7.75E-06	1.22E-09	4.25E-10
5501	490223.74, 3859517.48	1.04E-05	1.63E-09	5.70E-10	1.02E-05	1.61E-09	5.62E-10	9.95E-06	1.57E-09	5.46E-10
5502	490846.34, 3859817.22	6.49E-06	1.02E-09	3.56E-10	6.40E-06	1.01E-09	3.51E-10	6.22E-06	9.79E-10	3.41E-10
5503	490925.65, 3859844.59	6.31E-06	9.94E-10	3.46E-10	6.23E-06	9.81E-10	3.42E-10	6.05E-06	9.53E-10	3.32E-10
5504	491159.29, 3859896.28	6.03E-06	9.50E-10	3.31E-10	5.95E-06	9.38E-10	3.27E-10	5.78E-06	9.11E-10	3.17E-10
5505	491370.69, 3859960.89	5.56E-06	8.76E-10	3.05E-10	5.49E-06	8.64E-10	3.01E-10	5.33E-06	8.39E-10	2.92E-10
5506	491330.28, 3860063.17	3.51E-06	5.53E-10	1.93E-10	3.46E-06	5.46E-10	1.90E-10	3.36E-06	5.30E-10	1.85E-10
5507	491636.45, 3860180.75	3.02E-06	4.76E-10	1.66E-10	2.98E-06	4.69E-10	1.64E-10	2.89E-06	4.56E-10	1.59E-10
5508	491617.94, 3860203.93	2.92E-06	4.60E-10	1.60E-10	2.88E-06	4.54E-10	1.58E-10	2.80E-06	4.41E-10	1.54E-10
5509	491805.68, 3860271.59	2.68E-06	4.21E-10	1.47E-10	2.64E-06	4.16E-10	1.45E-10	2.56E-06	4.04E-10	1.41E-10
5510	491654.23, 3860414.02	2.36E-06	3.71E-10	1.29E-10	2.33E-06	3.67E-10	1.28E-10	2.26E-06	3.56E-10	1.24E-10
5511	491592.62, 3860510.76	2.17E-06	3.41E-10	1.19E-10	2.14E-06	3.37E-10	1.17E-10	2.08E-06	3.27E-10	1.14E-10
5512	491475.41, 3860368.93	2.43E-06	3.84E-10	1.34E-10	2.40E-06	3.79E-10	1.32E-10	2.33E-06	3.68E-10	1.28E-10
5513	491445.61, 3860337.28	2.51E-06	3.95E-10	1.38E-10	2.47E-06	3.90E-10	1.36E-10	2.40E-06	3.79E-10	1.32E-10
5514	491399.05, 3860300.37	2.61E-06	4.11E-10	1.43E-10	2.57E-06	4.05E-10	1.41E-10	2.50E-06	3.94E-10	1.37E-10
5515	491228.84, 3860235.98	2.80E-06	4.42E-10	1.54E-10	2.77E-06	4.36E-10	1.52E-10	2.69E-06	4.23E-10	1.48E-10
5516	491228.47, 3860174.57	3.00E-06	4.72E-10	1.65E-10	2.96E-06	4.66E-10	1.62E-10	2.87E-06	4.53E-10	1.58E-10
5517	491145.77, 3860112.55	3.25E-06	5.12E-10	1.78E-10	3.21E-06	5.05E-10	1.76E-10	3.12E-06	4.91E-10	1.71E-10
5518	490844.41, 3859966.22	4.05E-06	6.39E-10	2.23E-10	4.00E-06	6.30E-10	2.20E-10	3.89E-06	6.12E-10	2.13E-10
5519	490845.55, 3859928.15	4.30E-06	6.78E-10	2.36E-10	4.25E-06	6.69E-10	2.33E-10	4.12E-06	6.50E-10	2.26E-10
5520	490046.91, 3859625.6	8.07E-06	1.27E-09	4.43E-10	7.96E-06	1.25E-09	4.37E-10	7.73E-06	1.22E-09	4.24E-10
5521	489970.48, 3859589.4	9.06E-06	1.43E-09	4.97E-10	8.94E-06	1.41E-09	4.91E-10	8.68E-06	1.37E-09	4.77E-10
5522	489865.89, 3859529.06	1.11E-05	1.76E-09	6.12E-10	1.10E-05	1.73E-09	6.04E-10	1.07E-05	1.68E-09	5.86E-10
5523	489826.89, 3859531.74	1.15E-05	1.81E-09	6.30E-10	1.13E-05	1.79E-09	6.22E-10	1.10E-05	1.73E-09	6.04E-10
5524	489410.47, 3859303.06	3.59E-05	5.66E-09	1.97E-09	3.55E-05	5.58E-09	1.95E-09	3.44E-05	5.42E-09	1.89E-09
5525	489407.15, 3859286.09	3.66E-05	5.77E-09	2.01E-09	3.61E-05	5.69E-09	1.98E-09	3.51E-05	5.53E-09	1.93E-09
5526	488806.07, 3858963.62	1.39E-05	2.19E-09	7.63E-10	1.37E-05	2.16E-09	7.53E-10	1.33E-05	2.10E-09	7.31E-10

5527	488817.64, 3859546.3	6.79E-06	1.07E-09	3.73E-10	6.70E-06	1.06E-09	3.68E-10	6.51E-06	1.03E-09	3.57E-10
5528	489187.25, 3859549.52	3.51E-05	5.53E-09	1.93E-09	3.47E-05	5.46E-09	1.90E-09	3.37E-05	5.30E-09	1.85E-09
5529	489187.66, 3859523.74	4.64E-05	7.31E-09	2.54E-09	4.58E-05	7.21E-09	2.51E-09	4.44E-05	7.00E-09	2.44E-09
5530	489232.59, 3859522.85	1.05E-04	1.65E-08	5.76E-09	1.04E-04	1.63E-08	5.69E-09	1.01E-04	1.59E-08	5.52E-09
5531	489224.98, 3859759.91	1.70E-05	2.68E-09	9.32E-10	1.68E-05	2.64E-09	9.20E-10	1.63E-05	2.56E-09	8.93E-10
5532	488401.39, 3859763.34	3.45E-06	5.44E-10	1.89E-10	3.41E-06	5.37E-10	1.87E-10	3.31E-06	5.21E-10	1.82E-10
5533	488405.51, 3859966.16	2.90E-06	4.57E-10	1.59E-10	2.86E-06	4.51E-10	1.57E-10	2.78E-06	4.38E-10	1.52E-10
5534	489202.85, 3859956.57	7.51E-06	1.18E-09	4.12E-10	7.41E-06	1.17E-09	4.07E-10	7.20E-06	1.13E-09	3.95E-10
5535	489191.9, 3860676.74	8.19E-06	1.29E-09	4.49E-10	8.08E-06	1.27E-09	4.44E-10	7.85E-06	1.24E-09	4.31E-10
5536	488392.82, 3860687.88	1.82E-06	2.87E-10	9.98E-11	1.80E-06	2.83E-10	9.85E-11	1.74E-06	2.75E-10	9.57E-11
5537	488392.82, 3860760.27	1.76E-06	2.77E-10	9.66E-11	1.74E-06	2.74E-10	9.54E-11	1.69E-06	2.66E-10	9.26E-11
5538	487549.05, 3860777.45	1.28E-06	2.02E-10	7.03E-11	1.26E-06	1.99E-10	6.94E-11	1.23E-06	1.93E-10	6.74E-11
5539	487554.62, 3859571.83	2.43E-06	3.82E-10	1.33E-10	2.39E-06	3.77E-10	1.31E-10	2.32E-06	3.66E-10	1.28E-10
5540	485949.46, 3859558.54	1.10E-06	1.74E-10	6.06E-11	1.09E-06	1.72E-10	5.99E-11	1.06E-06	1.67E-10	5.81E-11
5541	485947.55, 3857943.61	1.17E-06	1.84E-10	6.41E-11	1.15E-06	1.82E-10	6.33E-11	1.12E-06	1.76E-10	6.14E-11
5542	484738.38, 3857940.21	7.32E-07	1.15E-10	4.02E-11	7.23E-07	1.14E-10	3.97E-11	7.02E-07	1.11E-10	3.85E-11
5543	484737.06, 3857535.68	7.10E-07	1.12E-10	3.90E-11	7.01E-07	1.10E-10	3.85E-11	6.80E-07	1.07E-10	3.73E-11
5544	483730.2, 3857530.13	5.36E-07	8.44E-11	2.94E-11	5.29E-07	8.33E-11	2.90E-11	5.13E-07	8.09E-11	2.82E-11
5545	483727.27, 3857130.01	5.18E-07	8.17E-11	2.85E-11	5.12E-07	8.06E-11	2.81E-11	4.97E-07	7.83E-11	2.73E-11
5546	483124.42, 3857123.45	4.54E-07	7.16E-11	2.49E-11	4.48E-07	7.06E-11	2.46E-11	4.35E-07	6.86E-11	2.39E-11
5547	483111.13, 3855921.03	3.54E-07	5.58E-11	1.94E-11	3.49E-07	5.51E-11	1.92E-11	3.39E-07	5.35E-11	1.86E-11
5548	482701.73, 3855918.24	3.32E-07	5.23E-11	1.82E-11	3.28E-07	5.16E-11	1.80E-11	3.18E-07	5.01E-11	1.75E-11
5549	482668.02, 3853521.78	2.06E-07	3.25E-11	1.13E-11	2.03E-07	3.20E-11	1.12E-11	1.98E-07	3.11E-11	1.08E-11
5550	482579.91, 3853219.19	1.94E-07	3.06E-11	1.06E-11	1.91E-07	3.02E-11	1.05E-11	1.86E-07	2.93E-11	1.02E-11
5551	482434.06, 3852961.94	1.84E-07	2.90E-11	1.01E-11	1.82E-07	2.87E-11	9.98E-12	1.77E-07	2.78E-11	9.69E-12
5552	482332.11, 3852832.85	1.80E-07	2.83E-11	9.86E-12	1.77E-07	2.79E-11	9.73E-12	1.72E-07	2.71E-11	9.45E-12
5553	481334.99, 3851818.96	1.43E-07	2.26E-11	7.86E-12	1.41E-07	2.23E-11	7.76E-12	1.37E-07	2.16E-11	7.54E-12
5554	481127.62, 3851646.36	1.37E-07	2.16E-11	7.54E-12	1.36E-07	2.14E-11	7.44E-12	1.32E-07	2.07E-11	7.23E-12
5555	481025.04, 3851591.73	1.35E-07	2.12E-11	7.38E-12	1.33E-07	2.09E-11	7.29E-12	1.29E-07	2.03E-11	7.08E-12
5556	480513.6, 3851335.76	1.22E-07	1.92E-11	6.69E-12	1.20E-07	1.90E-11	6.60E-12	1.17E-07	1.84E-11	6.41E-12
5557	480523.56, 3851317.66	1.22E-07	1.92E-11	6.70E-12	1.20E-07	1.90E-11	6.61E-12	1.17E-07	1.84E-11	6.42E-12
5558	476921.56, 3849569.11	8.15E-08	1.28E-11	4.47E-12	8.04E-08	1.27E-11	4.41E-12	7.81E-08	1.23E-11	4.28E-12
5559	476521.19, 3849373.96	7.74E-08	1.22E-11	4.25E-12	7.64E-08	1.20E-11	4.19E-12	7.42E-08	1.17E-11	4.07E-12
5560	476391.45, 3849333.38	7.68E-08	1.21E-11	4.21E-12	7.58E-08	1.19E-11	4.16E-12	7.36E-08	1.16E-11	4.04E-12
5561	476219.41, 3849304.29	7.61E-08	1.20E-11	4.18E-12	7.51E-08	1.18E-11	4.12E-12	7.30E-08	1.15E-11	4.00E-12
5562	475679.11, 3849218.47	7.29E-08	1.15E-11	4.00E-12	7.19E-08	1.13E-11	3.95E-12	6.98E-08	1.10E-11	3.83E-12
5563	475677.71, 3849233.88	7.33E-08	1.15E-11	4.02E-12	7.23E-08	1.14E-11	3.97E-12	7.02E-08	1.11E-11	3.85E-12
5564	475492.74, 3849204.66	6.62E-08	1.04E-11	3.64E-12	6.54E-08	1.03E-11	3.59E-12	6.35E-08	1.00E-11	3.48E-12
5565	475497.64, 3849158.75	6.82E-08	1.07E-11	3.74E-12	6.73E-08	1.06E-11	3.69E-12	6.54E-08	1.03E-11	3.59E-12
5566	475391.35, 3849141.94	6.98E-08	1.10E-11	3.83E-12	6.88E-08	1.08E-11	3.78E-12	6.69E-08	1.05E-11	3.67E-12
5567	475277, 3849095.47	6.98E-08	1.10E-11	3.83E-12	6.88E-08	1.08E-11	3.78E-12	6.69E-08	1.05E-11	3.67E-12
5568	475183.93, 3849025.66	6.87E-08	1.08E-11	3.77E-12	6.78E-08	1.07E-11	3.72E-12	6.59E-08	1.04E-11	3.61E-12
5569	474453.23, 3848378.77	6.29E-08	9.90E-12	3.45E-12	6.20E-08	9.77E-12	3.40E-12	6.02E-08	9.49E-12	3.31E-12
5570	474569.63, 3848399.34	6.25E-08	9.84E-12	3.43E-12	6.16E-08	9.71E-12	3.38E-12	5.99E-08	9.43E-12	3.29E-12
5571	474644.33, 3848464.52	6.32E-08	9.96E-12	3.47E-12	6.24E-08	9.83E-12	3.43E-12	6.06E-08	9.55E-12	3.33E-12
5572	474719.04, 3848529.7	6.39E-08	1.01E-11	3.51E-12	6.31E-08	9.93E-12	3.46E-12	6.12E-08	9.65E-12	3.36E-12
5573	474793.74, 3848594.88	6.42E-08	1.01E-11	3.52E-12	6.33E-08	9.97E-12	3.48E-12	6.15E-08	9.69E-12	3.37E-12
5574	474868.45, 3848660.07	6.40E-08	1.01E-11	3.51E-12	6.32E-08	9.95E-12	3.47E-12	6.14E-08	9.67E-12	3.37E-12
5575	474943.15, 3848725.25	6.43E-08	1.01E-11	3.53E-12	6.34E-08	1.00E-11	3.48E-12	6.16E-08	9.71E-12	3.38E-12
5576	475017.86, 3848790.43	6.52E-08	1.03E-11	3.58E-12	6.43E-08	1.01E-11	3.53E-12	6.25E-08	9.84E-12	3.43E-12
5577	475092.56, 3848855.61	6.62E-08	1.04E-11	3.64E-12	6.54E-08	1.03E-11	3.59E-12	6.35E-08	1.00E-11	3.48E-12
5578	475232.58, 3848959.38	6.78E-08	1.07E-11	3.72E-12	6.69E-08	1.05E-11	3.67E-12	6.50E-08	1.02E-11	3.57E-12
5579	475368.47, 3849029.98	6.83E-08	1.08E-11	3.75E-12	6.74E-08	1.06E-11	3.70E-12	6.55E-08	1.03E-11	3.59E-12
5580	475609.57, 3849096.09	6.86E-08	1.08E-11	3.76E-12	6.77E-08	1.07E-11	3.71E-12	6.57E-08	1.04E-11	3.61E-12
5581	475680.68, 3849116.62	7.00E-08	1.10E-11	3.84E-12	6.91E-08	1.09E-11	3.79E-12	6.71E-08	1.06E-11	3.68E-12
5582	475843.76, 3849151.52	7.17E-08	1.13E-11	3.94E-12	7.08E-08	1.11E-11	3.88E-12	6.87E-08	1.08E-11	3.77E-12
5583	475935.73, 3849165.89	7.31E-08	1.15E-11	4.01E-12	7.22E-08	1.14E-11	3.96E-12	7.01E-08	1.10E-11	3.85E-12
5584	476027.71, 3849180.27	7.43E-08	1.17E-11	4.08E-12	7.33E-08	1.16E-11	4.02E-12	7.12E-08	1.12E-11	3.91E-12
5585	476119.68, 3849194.64	7.35E-08	1.16E-11	4.04E-12	7.26E-08	1.14E-11	3.98E-12	7.05E-08	1.11E-11	3.87E-12
5586	476211.65, 3849209.01	7.37E-08	1.16E-11	4.04E-12	7.27E-08	1.15E-11	3.99E-12	7.06E-08	1.11E-11	3.87E-12
5587	476497.81, 3849283.9	7.52E-08	1.18E-11	4.13E-12	7.42E-08	1.17E-11	4.07E-12	7.21E-08	1.14E-11	3.96E-12
5588	476603.73, 3849323.77	7.63E-08	1.20E-11	4.19E-12	7.53E-08	1.19E-11	4.13E-12	7.31E-08	1.15E-11	4.01E-12
5589	476728.99, 3849382.76	7.74E-08	1.22E-11	4.25E-12	7.64E-08	1.20E-11	4.19E-12	7.42E-08	1.17E-11	4.07E-12
5590	476801.27, 3849418.65	7.82E-08	1.23E-11	4.29E-12	7.72E-08	1.22E-11	4.24E-12	7.50E-08	1.18E-11	4.11E-12
5591	476956.2, 3849495.05	7.98E-08	1.26E-11	4.38E-12	7.87E-08	1.24E-11	4.32E-12	7.65E-08	1.20E-11	4.20E-12
5592	477038.84, 3849535.56	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
5593	477121.49, 3849576.08	8.11E-08	1.28E-11	4.45E-12	8.00E-08	1.26E-11	4.39E-12	7.77E-08	1.22E-11	4.26E-12
5594	477204.13, 3849616.6	8.15E-08	1.28E-11	4.47E-12	8.04E-08	1.27E-11	4.41E-12	7.81E-08	1.23E-11	4.28E-12
5595	477286.78, 3849657.12	8.11E-08	1.28E-11	4.45E-12	8.00E-08	1.26E-11	4.39E-12	7.77E-08	1.22E-11	4.26E-12
5596	477369.42, 3849697.63	8.29E-08	1.31E-11	4.55E-12	8.18E-08	1.29E-11	4.49E-12	7.94E-08	1.25E-11	4.36E-12

5597	477452.07, 3849738.15	8.34E-08	1.31E-11	4.58E-12	8.23E-08	1.30E-11	4.52E-12	7.99E-08	1.26E-11	4.39E-12
5598	477534.71, 3849778.67	8.47E-08	1.33E-11	4.65E-12	8.36E-08	1.32E-11	4.59E-12	8.12E-08	1.28E-11	4.46E-12
5599	477617.36, 3849819.18	8.52E-08	1.34E-11	4.68E-12	8.41E-08	1.33E-11	4.62E-12	8.17E-08	1.29E-11	4.48E-12
5600	477824.74, 3849896.37	8.69E-08	1.37E-11	4.77E-12	8.58E-08	1.35E-11	4.71E-12	8.33E-08	1.31E-11	4.57E-12
5601	477906.31, 3849936.37	8.63E-08	1.36E-11	4.74E-12	8.52E-08	1.34E-11	4.67E-12	8.27E-08	1.30E-11	4.54E-12
5602	477987.89, 3849976.36	8.72E-08	1.37E-11	4.79E-12	8.61E-08	1.36E-11	4.72E-12	8.36E-08	1.32E-11	4.59E-12
5603	478069.47, 3850016.36	8.71E-08	1.37E-11	4.78E-12	8.59E-08	1.35E-11	4.72E-12	8.34E-08	1.31E-11	4.58E-12
5604	478151.04, 3850056.35	8.69E-08	1.37E-11	4.77E-12	8.58E-08	1.35E-11	4.71E-12	8.33E-08	1.31E-11	4.57E-12
5605	478232.62, 3850096.35	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
5606	478314.2, 3850136.34	8.85E-08	1.39E-11	4.86E-12	8.73E-08	1.38E-11	4.79E-12	8.48E-08	1.34E-11	4.65E-12
5607	478395.77, 3850176.34	8.93E-08	1.41E-11	4.90E-12	8.81E-08	1.39E-11	4.84E-12	8.56E-08	1.35E-11	4.70E-12
5608	478575.43, 3850244.45	9.08E-08	1.43E-11	4.99E-12	8.96E-08	1.41E-11	4.92E-12	8.71E-08	1.37E-11	4.78E-12
5609	478665.06, 3850287.29	9.19E-08	1.45E-11	5.04E-12	9.07E-08	1.43E-11	4.98E-12	8.81E-08	1.39E-11	4.83E-12
5610	478754.69, 3850330.14	9.30E-08	1.47E-11	5.11E-12	9.18E-08	1.45E-11	5.04E-12	8.92E-08	1.40E-11	4.89E-12
5611	478844.32, 3850372.99	9.43E-08	1.49E-11	5.18E-12	9.31E-08	1.47E-11	5.11E-12	9.04E-08	1.42E-11	4.96E-12
5612	478933.95, 3850415.84	9.58E-08	1.51E-11	5.26E-12	9.45E-08	1.49E-11	5.19E-12	9.18E-08	1.45E-11	5.04E-12
5613	479023.58, 3850458.68	9.64E-08	1.52E-11	5.29E-12	9.52E-08	1.50E-11	5.22E-12	9.24E-08	1.46E-11	5.07E-12
5614	479110.66, 3850441.91	9.70E-08	1.53E-11	5.32E-12	9.57E-08	1.51E-11	5.25E-12	9.29E-08	1.46E-11	5.10E-12
5615	479191.22, 3850423.99	9.72E-08	1.53E-11	5.34E-12	9.59E-08	1.51E-11	5.27E-12	9.32E-08	1.47E-11	5.11E-12
5616	479274.32, 3850465.71	9.81E-08	1.55E-11	5.39E-12	9.68E-08	1.53E-11	5.31E-12	9.40E-08	1.48E-11	5.16E-12
5617	479357.43, 3850507.42	9.86E-08	1.55E-11	5.41E-12	9.74E-08	1.53E-11	5.34E-12	9.45E-08	1.49E-11	5.19E-12
5618	479440.53, 3850549.14	9.90E-08	1.56E-11	5.44E-12	9.77E-08	1.54E-11	5.36E-12	9.49E-08	1.50E-11	5.21E-12
5619	479523.64, 3850590.85	9.98E-08	1.57E-11	5.48E-12	9.85E-08	1.55E-11	5.41E-12	9.57E-08	1.51E-11	5.25E-12
5620	479606.74, 3850632.57	1.01E-07	1.59E-11	5.54E-12	9.95E-08	1.57E-11	5.46E-12	9.67E-08	1.52E-11	5.30E-12
5621	479777.37, 3850707.61	1.03E-07	1.62E-11	5.64E-12	1.01E-07	1.60E-11	5.57E-12	9.85E-08	1.55E-11	5.41E-12
5622	479864.9, 3850740.95	1.04E-07	1.64E-11	5.72E-12	1.03E-07	1.62E-11	5.65E-12	9.99E-08	1.57E-11	5.48E-12
5623	479931.87, 3850829.57	1.06E-07	1.67E-11	5.83E-12	1.05E-07	1.65E-11	5.75E-12	1.02E-07	1.60E-11	5.59E-12
5624	479995.55, 3850926.75	1.09E-07	1.71E-11	5.97E-12	1.07E-07	1.69E-11	5.89E-12	1.04E-07	1.64E-11	5.72E-12
5625	480079.78, 3850968.64	1.11E-07	1.74E-11	6.08E-12	1.09E-07	1.72E-11	6.00E-12	1.06E-07	1.67E-11	5.83E-12
5626	480164.01, 3851010.54	1.13E-07	1.78E-11	6.19E-12	1.11E-07	1.75E-11	6.11E-12	1.08E-07	1.70E-11	5.93E-12
5627	480248.23, 3851052.43	1.15E-07	1.81E-11	6.31E-12	1.13E-07	1.79E-11	6.22E-12	1.10E-07	1.73E-11	6.04E-12
5628	480332.46, 3851094.33	1.17E-07	1.84E-11	6.41E-12	1.15E-07	1.81E-11	6.32E-12	1.12E-07	1.76E-11	6.14E-12
5629	480416.69, 3851136.22	1.18E-07	1.86E-11	6.49E-12	1.17E-07	1.84E-11	6.40E-12	1.13E-07	1.78E-11	6.22E-12
5630	480579.95, 3851215.17	1.22E-07	1.91E-11	6.67E-12	1.20E-07	1.89E-11	6.58E-12	1.16E-07	1.84E-11	6.39E-12
5631	480658.98, 3851252.22	1.23E-07	1.95E-11	6.78E-12	1.22E-07	1.92E-11	6.69E-12	1.18E-07	1.86E-11	6.50E-12
5632	480817.36, 3851327.85	1.28E-07	2.01E-11	7.00E-12	1.26E-07	1.98E-11	6.91E-12	1.22E-07	1.93E-11	6.71E-12
5633	480896.72, 3851366.43	1.30E-07	2.04E-11	7.11E-12	1.28E-07	2.02E-11	7.02E-12	1.24E-07	1.96E-11	6.82E-12
5634	480976.07, 3851405	1.32E-07	2.08E-11	7.23E-12	1.30E-07	2.05E-11	7.14E-12	1.26E-07	1.99E-11	6.93E-12
5635	481178, 3851487.31	1.38E-07	2.17E-11	7.56E-12	1.36E-07	2.14E-11	7.46E-12	1.32E-07	2.08E-11	7.24E-12
5636	481244.9, 3851557.17	1.40E-07	2.20E-11	7.67E-12	1.38E-07	2.17E-11	7.57E-12	1.34E-07	2.11E-11	7.35E-12
5637	481311.81, 3851627.03	1.42E-07	2.23E-11	7.78E-12	1.40E-07	2.20E-11	7.68E-12	1.36E-07	2.14E-11	7.45E-12
5638	481378.71, 3851696.89	1.44E-07	2.26E-11	7.88E-12	1.42E-07	2.23E-11	7.77E-12	1.38E-07	2.17E-11	7.55E-12
5639	481445.61, 3851766.76	1.46E-07	2.29E-11	7.99E-12	1.44E-07	2.26E-11	7.89E-12	1.40E-07	2.20E-11	7.66E-12
5640	481512.51, 3851836.62	1.47E-07	2.32E-11	8.09E-12	1.46E-07	2.29E-11	7.99E-12	1.41E-07	2.23E-11	7.76E-12
5641	481579.42, 3851906.48	1.49E-07	2.35E-11	8.19E-12	1.47E-07	2.32E-11	8.09E-12	1.43E-07	2.25E-11	7.85E-12
5642	481646.32, 3851976.34	1.51E-07	2.38E-11	8.30E-12	1.49E-07	2.35E-11	8.19E-12	1.45E-07	2.28E-11	7.95E-12
5643	481713.22, 3852046.2	1.53E-07	2.40E-11	8.38E-12	1.51E-07	2.37E-11	8.27E-12	1.46E-07	2.30E-11	8.03E-12
5644	481780.12, 3852116.06	1.55E-07	2.44E-11	8.51E-12	1.53E-07	2.41E-11	8.40E-12	1.49E-07	2.34E-11	8.15E-12
5645	481847.03, 3852185.92	1.58E-07	2.49E-11	8.66E-12	1.56E-07	2.45E-11	8.55E-12	1.51E-07	2.38E-11	8.30E-12
5646	481913.93, 3852255.78	1.61E-07	2.53E-11	8.83E-12	1.59E-07	2.50E-11	8.71E-12	1.54E-07	2.43E-11	8.46E-12
5647	481980.83, 3852325.65	1.64E-07	2.59E-11	9.01E-12	1.62E-07	2.55E-11	8.90E-12	1.57E-07	2.48E-11	8.64E-12
5648	482047.73, 3852395.51	1.67E-07	2.63E-11	9.16E-12	1.65E-07	2.60E-11	9.04E-12	1.60E-07	2.52E-11	8.78E-12
5649	482114.64, 3852465.37	1.70E-07	2.68E-11	9.34E-12	1.68E-07	2.65E-11	9.22E-12	1.63E-07	2.57E-11	8.95E-12
5650	482181.54, 3852535.23	1.73E-07	2.72E-11	9.48E-12	1.70E-07	2.68E-11	9.35E-12	1.66E-07	2.61E-11	9.08E-12
5651	482338.69, 3852700.05	1.79E-07	2.82E-11	9.84E-12	1.77E-07	2.79E-11	9.71E-12	1.72E-07	2.71E-11	9.43E-12
5652	482404.05, 3852767.78	1.82E-07	2.87E-11	1.00E-11	1.80E-07	2.83E-11	9.87E-12	1.75E-07	2.75E-11	9.58E-12
5653	482469.4, 3852835.52	1.85E-07	2.92E-11	1.02E-11	1.83E-07	2.88E-11	1.00E-11	1.77E-07	2.79E-11	9.73E-12
5654	482534.75, 3852903.25	1.88E-07	2.96E-11	1.03E-11	1.85E-07	2.92E-11	1.02E-11	1.80E-07	2.83E-11	9.87E-12
5655	482600.11, 3852970.99	1.91E-07	3.00E-11	1.05E-11	1.88E-07	2.96E-11	1.03E-11	1.83E-07	2.88E-11	1.00E-11
5656	482706.71, 3853119.28	1.95E-07	3.08E-11	1.07E-11	1.93E-07	3.03E-11	1.06E-11	1.87E-07	2.95E-11	1.03E-11
5657	482747.96, 3853199.84	1.98E-07	3.12E-11	1.09E-11	1.95E-07	3.08E-11	1.07E-11	1.90E-07	2.99E-11	1.04E-11
5658	482789.21, 3853280.4	2.01E-07	3.17E-11	1.10E-11	1.98E-07	3.12E-11	1.09E-11	1.93E-07	3.03E-11	1.06E-11
5659	482830.46, 3853360.96	2.04E-07	3.21E-11	1.12E-11	2.01E-07	3.17E-11	1.10E-11	1.95E-07	3.08E-11	1.07E-11
5660	482871.71, 3853441.52	2.07E-07	3.26E-11	1.14E-11	2.04E-07	3.22E-11	1.12E-11	1.98E-07	3.13E-11	1.09E-11
5661	482912.95, 3853522.07	2.09E-07	3.30E-11	1.15E-11	2.07E-07	3.26E-11	1.13E-11	2.01E-07	3.16E-11	1.10E-11
5662	482954.2, 3853602.63	2.12E-07	3.34E-11	1.16E-11	2.09E-07	3.30E-11	1.15E-11	2.03E-07	3.20E-11	1.12E-11
5663	482995.45, 3853683.19	2.15E-07	3.38E-11	1.18E-11	2.12E-07	3.34E-11	1.16E-11	2.06E-07	3.24E-11	1.13E-11
5664	483036.7, 3853763.75	2.18E-07	3.44E-11	1.20E-11	2.15E-07	3.39E-11	1.18E-11	2.09E-07	3.29E-11	1.15E-11
5665	483214.2, 3853909.91	2.22E-07	3.50E-11	1.22E-11	2.19E-07	3.45E-11	1.20E-11	2.13E-07	3.35E-11	1.17E-11
5666	483307.01, 3853910.44	2.24E-07	3.53E-11	1.23E-11	2.21E-07	3.49E-11	1.22E-11	2.15E-07	3.39E-11	1.18E-11

5667	483399.83, 3853910.96	2.27E-07	3.57E-11	1.24E-11	2.24E-07	3.52E-11	1.23E-11	2.17E-07	3.42E-11	1.19E-11
5668	483494.52, 3854009.24	2.33E-07	3.68E-11	1.28E-11	2.30E-07	3.63E-11	1.26E-11	2.24E-07	3.52E-11	1.23E-11
5669	483496.41, 3854106.98	2.38E-07	3.75E-11	1.31E-11	2.35E-07	3.70E-11	1.29E-11	2.28E-07	3.59E-11	1.25E-11
5670	483577.56, 3854261.96	2.43E-07	3.84E-11	1.34E-11	2.40E-07	3.79E-11	1.32E-11	2.33E-07	3.68E-11	1.28E-11
5671	483656.83, 3854319.19	2.45E-07	3.85E-11	1.34E-11	2.41E-07	3.80E-11	1.32E-11	2.34E-07	3.69E-11	1.29E-11
5672	483736.1, 3854376.41	2.44E-07	3.85E-11	1.34E-11	2.41E-07	3.80E-11	1.32E-11	2.34E-07	3.69E-11	1.29E-11
5673	483815.37, 3854433.64	2.43E-07	3.84E-11	1.34E-11	2.40E-07	3.79E-11	1.32E-11	2.33E-07	3.68E-11	1.28E-11
5674	483894.63, 3854490.87	2.42E-07	3.81E-11	1.33E-11	2.39E-07	3.76E-11	1.31E-11	2.32E-07	3.65E-11	1.27E-11
5675	483973.9, 3854548.1	2.40E-07	3.78E-11	1.32E-11	2.37E-07	3.73E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
5676	484053.17, 3854605.32	2.40E-07	3.79E-11	1.32E-11	2.37E-07	3.74E-11	1.30E-11	2.30E-07	3.63E-11	1.26E-11
5677	484214.97, 3854698.15	2.45E-07	3.85E-11	1.34E-11	2.41E-07	3.80E-11	1.32E-11	2.34E-07	3.69E-11	1.29E-11
5678	484297.5, 3854733.74	2.51E-07	3.96E-11	1.38E-11	2.48E-07	3.91E-11	1.36E-11	2.41E-07	3.80E-11	1.32E-11
5679	484380.03, 3854769.34	2.55E-07	4.01E-11	1.40E-11	2.51E-07	3.96E-11	1.38E-11	2.44E-07	3.84E-11	1.34E-11
5680	484462.56, 3854804.94	2.61E-07	4.12E-11	1.43E-11	2.58E-07	4.06E-11	1.42E-11	2.51E-07	3.95E-11	1.38E-11
5681	484545.09, 3854840.53	2.65E-07	4.17E-11	1.45E-11	2.61E-07	4.11E-11	1.43E-11	2.54E-07	3.99E-11	1.39E-11
5682	484691.88, 3854912.59	2.85E-07	4.49E-11	1.56E-11	2.81E-07	4.43E-11	1.54E-11	2.73E-07	4.30E-11	1.50E-11
5683	484830.81, 3855012.51	3.08E-07	4.85E-11	1.69E-11	3.04E-07	4.78E-11	1.67E-11	2.95E-07	4.64E-11	1.62E-11
5684	484905.48, 3855075.97	3.26E-07	5.13E-11	1.79E-11	3.22E-07	5.07E-11	1.77E-11	3.12E-07	4.92E-11	1.71E-11
5685	484980.14, 3855139.44	3.41E-07	5.37E-11	1.87E-11	3.37E-07	5.30E-11	1.85E-11	3.27E-07	5.15E-11	1.79E-11
5686	485054.81, 3855202.91	3.53E-07	5.56E-11	1.94E-11	3.48E-07	5.49E-11	1.91E-11	3.38E-07	5.33E-11	1.86E-11
5687	485129.48, 3855266.37	3.59E-07	5.66E-11	1.97E-11	3.54E-07	5.58E-11	1.94E-11	3.44E-07	5.42E-11	1.89E-11
5688	485204.15, 3855329.84	3.77E-07	5.94E-11	2.07E-11	3.72E-07	5.86E-11	2.04E-11	3.61E-07	5.69E-11	1.98E-11
5689	485278.82, 3855393.31	3.89E-07	6.13E-11	2.14E-11	3.84E-07	6.05E-11	2.11E-11	3.73E-07	5.88E-11	2.05E-11
5690	485353.48, 3855456.77	4.05E-07	6.39E-11	2.22E-11	4.00E-07	6.30E-11	2.20E-11	3.89E-07	6.12E-11	2.13E-11
5691	485428.15, 3855520.24	4.18E-07	6.59E-11	2.30E-11	4.13E-07	6.50E-11	2.27E-11	4.01E-07	6.32E-11	2.20E-11
5692	485502.82, 3855583.71	4.33E-07	6.82E-11	2.38E-11	4.27E-07	6.73E-11	2.35E-11	4.15E-07	6.54E-11	2.28E-11
5693	485577.49, 3855647.17	4.54E-07	7.15E-11	2.49E-11	4.48E-07	7.06E-11	2.46E-11	4.35E-07	6.86E-11	2.39E-11
5694	485652.16, 3855710.64	4.76E-07	7.50E-11	2.61E-11	4.70E-07	7.40E-11	2.58E-11	4.56E-07	7.19E-11	2.50E-11
5695	485726.83, 3855774.11	4.93E-07	7.77E-11	2.71E-11	4.87E-07	7.67E-11	2.67E-11	4.73E-07	7.45E-11	2.59E-11
5696	485801.49, 3855837.57	5.08E-07	8.00E-11	2.79E-11	5.01E-07	7.89E-11	2.75E-11	4.87E-07	7.67E-11	2.67E-11
5697	485876.16, 3855901.04	5.26E-07	8.29E-11	2.89E-11	5.19E-07	8.18E-11	2.85E-11	5.04E-07	7.95E-11	2.77E-11
5698	485950.83, 3855964.5	5.43E-07	8.55E-11	2.98E-11	5.36E-07	8.44E-11	2.94E-11	5.20E-07	8.20E-11	2.86E-11
5699	486025.5, 3856027.97	5.56E-07	8.76E-11	3.05E-11	5.49E-07	8.64E-11	3.01E-11	5.33E-07	8.39E-11	2.92E-11
5700	486100.17, 3856091.44	5.89E-07	9.28E-11	3.23E-11	5.81E-07	9.16E-11	3.19E-11	5.64E-07	8.89E-11	3.10E-11
5701	486174.83, 3856154.9	6.01E-07	9.47E-11	3.30E-11	5.93E-07	9.34E-11	3.26E-11	5.76E-07	9.07E-11	3.16E-11
5702	486249.5, 3856218.37	5.99E-07	9.44E-11	3.29E-11	5.91E-07	9.31E-11	3.24E-11	5.74E-07	9.04E-11	3.15E-11
5703	486324.17, 3856281.84	6.00E-07	9.45E-11	3.29E-11	5.92E-07	9.33E-11	3.25E-11	5.75E-07	9.06E-11	3.16E-11
5704	486398.84, 3856345.3	6.29E-07	9.92E-11	3.45E-11	6.21E-07	9.79E-11	3.41E-11	6.03E-07	9.50E-11	3.31E-11
5705	486473.51, 3856408.77	6.53E-07	1.03E-10	3.59E-11	6.45E-07	1.02E-10	3.54E-11	6.26E-07	9.87E-11	3.44E-11
5706	486548.17, 3856472.24	6.89E-07	1.09E-10	3.78E-11	6.80E-07	1.07E-10	3.73E-11	6.60E-07	1.04E-10	3.62E-11
5707	486622.84, 3856535.7	7.29E-07	1.15E-10	4.00E-11	7.19E-07	1.13E-10	3.95E-11	6.98E-07	1.10E-10	3.83E-11
5708	486765.48, 3856659.69	8.24E-07	1.30E-10	4.52E-11	8.13E-07	1.28E-10	4.46E-11	7.90E-07	1.24E-10	4.33E-11
5709	486833.44, 3856720.2	8.71E-07	1.37E-10	4.78E-11	8.59E-07	1.35E-10	4.72E-11	8.35E-07	1.31E-10	4.58E-11
5710	486901.41, 3856780.72	9.28E-07	1.46E-10	5.09E-11	9.15E-07	1.44E-10	5.02E-11	8.89E-07	1.40E-10	4.88E-11
5711	486969.38, 3856841.24	9.86E-07	1.55E-10	5.41E-11	9.73E-07	1.53E-10	5.34E-11	9.45E-07	1.49E-10	5.18E-11
5712	487037.34, 3856901.75	1.05E-06	1.65E-10	5.75E-11	1.03E-06	1.63E-10	5.68E-11	1.00E-06	1.58E-10	5.51E-11
5713	487271.23, 3856855.51	1.12E-06	1.76E-10	6.12E-11	1.10E-06	1.73E-10	6.04E-11	1.07E-06	1.68E-10	5.87E-11
5714	487368.96, 3856857.29	1.12E-06	1.76E-10	6.12E-11	1.10E-06	1.73E-10	6.04E-11	1.07E-06	1.68E-10	5.87E-11
5715	487466.68, 3856859.06	1.13E-06	1.77E-10	6.18E-11	1.11E-06	1.75E-10	6.10E-11	1.08E-06	1.70E-10	5.92E-11
5716	487636.44, 3856930	1.22E-06	1.93E-10	6.71E-11	1.21E-06	1.90E-10	6.63E-11	1.17E-06	1.85E-10	6.43E-11
5717	487709.57, 3856928.43	1.25E-06	1.96E-10	6.84E-11	1.23E-06	1.94E-10	6.75E-11	1.19E-06	1.88E-10	6.56E-11
5718	487782.55, 3856841.96	1.18E-06	1.86E-10	6.47E-11	1.16E-06	1.83E-10	6.38E-11	1.13E-06	1.78E-10	6.20E-11
5719	487849.83, 3856754.74	1.12E-06	1.77E-10	6.15E-11	1.11E-06	1.74E-10	6.07E-11	1.07E-06	1.69E-10	5.90E-11
5720	487918.03, 3856819.39	1.21E-06	1.90E-10	6.62E-11	1.19E-06	1.87E-10	6.53E-11	1.16E-06	1.82E-10	6.34E-11
5721	487918.8, 3856886.37	1.27E-06	2.00E-10	6.98E-11	1.26E-06	1.98E-10	6.89E-11	1.22E-06	1.92E-10	6.69E-11
5722	488065.47, 3857127.51	1.60E-06	2.52E-10	8.79E-11	1.58E-06	2.49E-10	8.67E-11	1.53E-06	2.42E-10	8.42E-11
5723	488192.19, 3857385.84	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
5724	488191.22, 3857473.87	2.48E-06	3.90E-10	1.36E-10	2.44E-06	3.85E-10	1.34E-10	2.37E-06	3.74E-10	1.30E-10
5725	488190.24, 3857561.91	2.85E-06	4.48E-10	1.56E-10	2.81E-06	4.42E-10	1.54E-10	2.73E-06	4.30E-10	1.50E-10
5726	488158.35, 3857691.13	3.61E-06	5.69E-10	1.98E-10	3.57E-06	5.62E-10	1.96E-10	3.46E-06	5.45E-10	1.90E-10
5727	488208.37, 3857816.66	5.07E-06	7.99E-10	2.78E-10	5.00E-06	7.88E-10	2.75E-10	4.86E-06	7.65E-10	2.67E-10
5728	488271.97, 3857874.6	6.30E-06	9.92E-10	3.46E-10	6.22E-06	9.79E-10	3.41E-10	6.04E-06	9.51E-10	3.31E-10
5729	488463.56, 3857942.31	1.00E-05	1.58E-09	5.51E-10	9.90E-06	1.56E-09	5.43E-10	9.61E-06	1.51E-09	5.28E-10
5730	488554.83, 3857940.83	1.09E-05	1.72E-09	5.99E-10	1.08E-05	1.70E-09	5.92E-10	1.05E-05	1.65E-09	5.75E-10
5731	488646.1, 3857939.36	1.13E-05	1.78E-09	6.22E-10	1.12E-05	1.76E-09	6.14E-10	1.09E-05	1.71E-09	5.96E-10
5732	488737.37, 3857937.88	1.13E-05	1.79E-09	6.23E-10	1.12E-05	1.76E-09	6.15E-10	1.09E-05	1.71E-09	5.97E-10
5733	488733.59, 3857960.57	1.29E-05	2.03E-09	7.09E-10	1.27E-05	2.01E-09	7.00E-10	1.24E-05	1.95E-09	6.79E-10
5734	488638.09, 3857961.57	1.32E-05	2.08E-09	7.24E-10	1.30E-05	2.05E-09	7.15E-10	1.26E-05	1.99E-09	6.94E-10
5735	488542.6, 3857962.56	1.30E-05	2.05E-09	7.14E-10	1.28E-05	2.02E-09	7.05E-10	1.25E-05	1.96E-09	6.84E-10
5736	488447.1, 3857963.56	1.19E-05	1.88E-09	6.55E-10	1.18E-05	1.85E-09	6.46E-10	1.14E-05	1.80E-09	6.27E-10

5737	488254.28, 3857890.36	6.77E-06	1.07E-09	3.72E-10	6.68E-06	1.05E-09	3.67E-10	6.49E-06	1.02E-09	3.56E-10
5738	488191.69, 3857833.06	5.35E-06	8.43E-10	2.94E-10	5.28E-06	8.32E-10	2.90E-10	5.13E-06	8.08E-10	2.82E-10
5739	488129.5, 3857907.43	7.07E-06	1.11E-09	3.88E-10	6.98E-06	1.10E-09	3.83E-10	6.78E-06	1.07E-09	3.72E-10
5740	488196.47, 3857968.74	1.08E-05	1.70E-09	5.91E-10	1.06E-05	1.67E-09	5.83E-10	1.03E-05	1.62E-09	5.66E-10
5741	488263.44, 3858030.04	2.42E-05	3.82E-09	1.33E-09	2.39E-05	3.77E-09	1.31E-09	2.32E-05	3.66E-09	1.27E-09
5742	488400.64, 3858132.9	1.30E-04	2.06E-08	7.16E-09	1.29E-04	2.03E-08	7.07E-09	1.25E-04	1.97E-08	6.86E-09
5743	488519.89, 3858218.38	9.89E-05	1.56E-08	5.43E-09	9.76E-05	1.54E-08	5.36E-09	9.48E-05	1.49E-08	5.20E-09
5744	488647.97, 3858214.99	5.02E-05	7.91E-09	2.75E-09	4.95E-05	7.80E-09	2.72E-09	4.81E-05	7.58E-09	2.64E-09
5745	488727.05, 3858167.67	3.39E-05	5.35E-09	1.86E-09	3.35E-05	5.28E-09	1.84E-09	3.25E-05	5.12E-09	1.79E-09
5746	488806.12, 3858120.35	2.49E-05	3.92E-09	1.37E-09	2.46E-05	3.87E-09	1.35E-09	2.39E-05	3.76E-09	1.31E-09
5747	488885.2, 3858073.03	1.91E-05	3.01E-09	1.05E-09	1.89E-05	2.97E-09	1.04E-09	1.83E-05	2.89E-09	1.01E-09
5748	489055.76, 3857991.18	1.30E-05	2.04E-09	7.11E-10	1.28E-05	2.01E-09	7.02E-10	1.24E-05	1.96E-09	6.81E-10
5749	489245.39, 3857944.55	1.06E-05	1.67E-09	5.82E-10	1.05E-05	1.65E-09	5.74E-10	1.02E-05	1.60E-09	5.57E-10
5750	489430.63, 3857930.91	9.97E-06	1.57E-09	5.47E-10	9.84E-06	1.55E-09	5.40E-10	9.56E-06	1.51E-09	5.25E-10
5751	489517.74, 3857929.36	9.90E-06	1.56E-09	5.43E-10	9.77E-06	1.54E-09	5.36E-10	9.48E-06	1.49E-09	5.21E-10
5752	489604.86, 3857927.82	9.81E-06	1.55E-09	5.38E-10	9.68E-06	1.53E-09	5.31E-10	9.40E-06	1.48E-09	5.16E-10
5753	489691.97, 3857926.28	9.80E-06	1.54E-09	5.38E-10	9.67E-06	1.52E-09	5.31E-10	9.39E-06	1.48E-09	5.15E-10
5754	489779.08, 3857924.73	9.84E-06	1.55E-09	5.40E-10	9.72E-06	1.53E-09	5.33E-10	9.44E-06	1.49E-09	5.18E-10
5755	490017.55, 3857875.09	8.99E-06	1.42E-09	4.94E-10	8.87E-06	1.40E-09	4.87E-10	8.62E-06	1.36E-09	4.73E-10
5756	490033.82, 3857960.81	1.12E-05	1.77E-09	6.16E-10	1.11E-05	1.75E-09	6.08E-10	1.08E-05	1.70E-09	5.91E-10
5757	489959.15, 3857987.49	1.19E-05	1.88E-09	6.54E-10	1.18E-05	1.85E-09	6.46E-10	1.14E-05	1.80E-09	6.27E-10
5758	489791.49, 3858016.12	1.25E-05	1.96E-09	6.84E-10	1.23E-05	1.94E-09	6.75E-10	1.19E-05	1.88E-09	6.55E-10
5759	489698.51, 3858018.07	1.24E-05	1.95E-09	6.81E-10	1.22E-05	1.93E-09	6.72E-10	1.19E-05	1.87E-09	6.53E-10
5760	489605.52, 3858020.02	1.24E-05	1.95E-09	6.81E-10	1.22E-05	1.93E-09	6.72E-10	1.19E-05	1.87E-09	6.53E-10
5761	489512.53, 3858021.96	1.25E-05	1.98E-09	6.88E-10	1.24E-05	1.95E-09	6.79E-10	1.20E-05	1.89E-09	6.59E-10
5762	489419.55, 3858023.91	1.27E-05	2.01E-09	6.99E-10	1.26E-05	1.98E-09	6.90E-10	1.22E-05	1.92E-09	6.70E-10
5763	489228.47, 3858041.29	1.39E-05	2.19E-09	7.61E-10	1.37E-05	2.16E-09	7.51E-10	1.33E-05	2.09E-09	7.30E-10
5764	489065.75, 3858085.78	1.70E-05	2.68E-09	9.33E-10	1.68E-05	2.64E-09	9.21E-10	1.63E-05	2.57E-09	8.95E-10
5765	489001.12, 3858114.86	1.93E-05	3.04E-09	1.06E-09	1.90E-05	3.00E-09	1.04E-09	1.85E-05	2.91E-09	1.01E-09
5766	488861.89, 3858189.81	2.76E-05	4.35E-09	1.52E-09	2.73E-05	4.30E-09	1.50E-09	2.65E-05	4.17E-09	1.45E-09
5767	488787.29, 3858235.69	3.59E-05	5.66E-09	1.97E-09	3.54E-05	5.58E-09	1.94E-09	3.44E-05	5.42E-09	1.89E-09
5768	488712.68, 3858281.57	5.10E-05	8.03E-09	2.80E-09	5.03E-05	7.92E-09	2.76E-09	4.88E-05	7.69E-09	2.68E-09
5769	488654.39, 3858436.17	8.09E-05	1.27E-08	4.44E-09	7.98E-05	1.26E-08	4.38E-09	7.75E-05	1.22E-08	4.26E-09
5770	488726.31, 3858505.26	7.53E-05	1.19E-08	4.13E-09	7.43E-05	1.17E-08	4.08E-09	7.22E-05	1.14E-08	3.96E-09
5771	488880.6, 3858599.28	1.65E-04	2.59E-08	9.03E-09	1.62E-04	2.56E-08	8.91E-09	1.58E-04	2.48E-08	8.65E-09
5772	489008.06, 3858714.75	1.64E-04	2.59E-08	9.02E-09	1.62E-04	2.55E-08	8.90E-09	1.57E-04	2.48E-08	8.64E-09
5773	489071.48, 3858772.72	1.68E-04	2.64E-08	9.20E-09	1.65E-04	2.61E-08	9.08E-09	1.61E-04	2.53E-08	8.81E-09
5774	489244.6, 3858920.2	1.76E-04	2.77E-08	9.66E-09	1.74E-04	2.74E-08	9.53E-09	1.69E-04	2.66E-08	9.25E-09
5775	489239.69, 3858952.23	1.31E-04	2.07E-08	7.22E-09	1.30E-04	2.04E-08	7.12E-09	1.26E-04	1.99E-08	6.92E-09
5776	489121.67, 3858854.49	9.87E-05	1.56E-08	5.42E-09	9.74E-05	1.54E-08	5.35E-09	9.46E-05	1.49E-08	5.19E-09
5777	489059.59, 3858797.27	7.93E-05	1.25E-08	4.35E-09	7.83E-05	1.23E-08	4.30E-09	7.60E-05	1.20E-08	4.17E-09
5778	488997.52, 3858740.04	7.58E-05	1.19E-08	4.16E-09	7.49E-05	1.18E-08	4.11E-09	7.27E-05	1.15E-08	3.99E-09
5779	488935.44, 3858682.82	8.98E-05	1.41E-08	4.93E-09	8.86E-05	1.40E-08	4.87E-09	8.61E-05	1.36E-08	4.72E-09
5780	488869.17, 3858848.43	2.10E-05	3.31E-09	1.15E-09	2.07E-05	3.26E-09	1.14E-09	2.01E-05	3.17E-09	1.10E-09
5781	488932.48, 3858892.69	2.24E-05	3.53E-09	1.23E-09	2.21E-05	3.49E-09	1.22E-09	2.15E-05	3.39E-09	1.18E-09
5782	489063.27, 3858977.17	2.82E-05	4.44E-09	1.55E-09	2.78E-05	4.38E-09	1.53E-09	2.70E-05	4.26E-09	1.48E-09
5783	489248.2, 3859117.15	9.76E-05	1.54E-08	5.36E-09	9.63E-05	1.52E-08	5.29E-09	9.35E-05	1.47E-08	5.13E-09
5784	489296.25, 3859049.22	7.02E-05	1.11E-08	3.85E-09	6.92E-05	1.09E-08	3.80E-09	6.72E-05	1.06E-08	3.69E-09
5785	489353.38, 3858993.97	5.81E-05	9.16E-09	3.19E-09	5.74E-05	9.04E-09	3.15E-09	5.57E-05	8.78E-09	3.06E-09
5786	489537.25, 3859120.22	3.04E-05	4.79E-09	1.67E-09	3.00E-05	4.73E-09	1.65E-09	2.92E-05	4.59E-09	1.60E-09
5787	489726.98, 3859246.04	2.10E-05	3.31E-09	1.15E-09	2.07E-05	3.26E-09	1.14E-09	2.01E-05	3.17E-09	1.10E-09
5788	489911.46, 3859366.33	1.54E-05	2.43E-09	8.46E-10	1.52E-05	2.40E-09	8.35E-10	1.48E-05	2.33E-09	8.10E-10
5789	490035.3, 3859430.26	1.29E-05	2.04E-09	7.09E-10	1.28E-05	2.01E-09	7.00E-10	1.24E-05	1.95E-09	6.80E-10
5790	490101.11, 3859458.61	1.19E-05	1.88E-09	6.56E-10	1.18E-05	1.86E-09	6.47E-10	1.15E-05	1.80E-09	6.28E-10
5791	490312.68, 3859560.3	9.48E-06	1.49E-09	5.20E-10	9.36E-06	1.47E-09	5.14E-10	9.09E-06	1.43E-09	4.99E-10
5792	490401.63, 3859603.12	8.74E-06	1.38E-09	4.80E-10	8.63E-06	1.36E-09	4.74E-10	8.38E-06	1.32E-09	4.60E-10
5793	490490.57, 3859645.94	8.12E-06	1.28E-09	4.46E-10	8.02E-06	1.26E-09	4.40E-10	7.78E-06	1.23E-09	4.27E-10
5794	490579.51, 3859688.76	7.61E-06	1.20E-09	4.17E-10	7.51E-06	1.18E-09	4.12E-10	7.29E-06	1.15E-09	4.00E-10
5795	490668.45, 3859731.58	7.16E-06	1.13E-09	3.93E-10	7.07E-06	1.11E-09	3.88E-10	6.86E-06	1.08E-09	3.77E-10
5796	490757.4, 3859774.4	6.81E-06	1.07E-09	3.74E-10	6.72E-06	1.06E-09	3.69E-10	6.53E-06	1.03E-09	3.58E-10
5797	491003.53, 3859861.82	6.20E-06	9.76E-10	3.40E-10	6.12E-06	9.64E-10	3.36E-10	5.94E-06	9.36E-10	3.26E-10
5798	491081.41, 3859879.05	6.16E-06	9.70E-10	3.38E-10	6.08E-06	9.58E-10	3.34E-10	5.90E-06	9.30E-10	3.24E-10
5799	491229.76, 3859917.82	5.90E-06	9.29E-10	3.24E-10	5.82E-06	9.17E-10	3.19E-10	5.65E-06	8.90E-10	3.10E-10
5800	491300.22, 3859939.35	5.72E-06	9.01E-10	3.14E-10	5.64E-06	8.89E-10	3.10E-10	5.48E-06	8.63E-10	3.01E-10
5801	491350.49, 3860012.03	3.99E-06	6.29E-10	2.19E-10	3.94E-06	6.21E-10	2.16E-10	3.83E-06	6.03E-10	2.10E-10
5802	491406.82, 3860092.57	3.38E-06	5.32E-10	1.85E-10	3.33E-06	5.25E-10	1.83E-10	3.24E-06	5.10E-10	1.78E-10
5803	491483.37, 3860121.96	3.26E-06	5.13E-10	1.79E-10	3.21E-06	5.06E-10	1.76E-10	3.12E-06	4.92E-10	1.71E-10
5804	491559.91, 3860151.36	3.13E-06	4.93E-10	1.72E-10	3.09E-06	4.87E-10	1.69E-10	3.00E-06	4.72E-10	1.65E-10
5805	491711.81, 3860237.76	2.86E-06	4.51E-10	1.57E-10	2.83E-06	4.45E-10	1.55E-10	2.74E-06	4.32E-10	1.51E-10
5806	491755.2, 3860319.07	2.53E-06	3.98E-10	1.39E-10	2.49E-06	3.93E-10	1.37E-10	2.42E-06	3.82E-10	1.33E-10

5807	491704.71, 3860366.54	2.43E-06	3.83E-10	1.33E-10	2.40E-06	3.78E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
5808	491623.43, 3860462.39	2.25E-06	3.54E-10	1.23E-10	2.22E-06	3.49E-10	1.22E-10	2.15E-06	3.39E-10	1.18E-10
5809	491534.02, 3860439.85	2.40E-06	3.79E-10	1.32E-10	2.37E-06	3.74E-10	1.30E-10	2.30E-06	3.63E-10	1.26E-10
5810	491313.95, 3860268.18	2.69E-06	4.24E-10	1.48E-10	2.66E-06	4.18E-10	1.46E-10	2.58E-06	4.06E-10	1.42E-10
5811	491187.12, 3860143.56	3.13E-06	4.93E-10	1.72E-10	3.09E-06	4.86E-10	1.69E-10	3.00E-06	4.72E-10	1.64E-10
5812	491070.43, 3860075.97	3.43E-06	5.41E-10	1.88E-10	3.39E-06	5.34E-10	1.86E-10	3.29E-06	5.18E-10	1.81E-10
5813	490995.09, 3860039.39	3.61E-06	5.69E-10	1.98E-10	3.56E-06	5.61E-10	1.96E-10	3.46E-06	5.45E-10	1.90E-10
5814	490919.75, 3860002.8	3.81E-06	6.00E-10	2.09E-10	3.76E-06	5.92E-10	2.06E-10	3.65E-06	5.75E-10	2.00E-10
5815	490756.81, 3859894.53	4.52E-06	7.12E-10	2.48E-10	4.46E-06	7.03E-10	2.45E-10	4.33E-06	6.82E-10	2.38E-10
5816	490668.07, 3859860.92	4.73E-06	7.46E-10	2.60E-10	4.67E-06	7.36E-10	2.56E-10	4.54E-06	7.15E-10	2.49E-10
5817	490579.34, 3859827.3	5.01E-06	7.89E-10	2.75E-10	4.94E-06	7.78E-10	2.71E-10	4.80E-06	7.56E-10	2.63E-10
5818	490490.6, 3859793.68	5.30E-06	8.35E-10	2.91E-10	5.23E-06	8.24E-10	2.87E-10	5.08E-06	8.00E-10	2.79E-10
5819	490401.86, 3859760.07	5.65E-06	8.91E-10	3.10E-10	5.58E-06	8.79E-10	3.06E-10	5.42E-06	8.54E-10	2.97E-10
5820	490313.12, 3859726.45	6.09E-06	9.60E-10	3.34E-10	6.01E-06	9.47E-10	3.30E-10	5.84E-06	9.20E-10	3.21E-10
5821	490224.39, 3859692.83	6.63E-06	1.04E-09	3.64E-10	6.54E-06	1.03E-09	3.59E-10	6.35E-06	1.00E-09	3.49E-10
5822	490135.65, 3859659.22	7.28E-06	1.15E-09	4.00E-10	7.19E-06	1.13E-09	3.94E-10	6.98E-06	1.10E-09	3.83E-10
5823	489918.19, 3859559.23	1.00E-05	1.58E-09	5.49E-10	9.88E-06	1.56E-09	5.42E-10	9.59E-06	1.51E-09	5.27E-10
5824	489743.61, 3859486	1.40E-05	2.20E-09	7.67E-10	1.38E-05	2.17E-09	7.57E-10	1.34E-05	2.11E-09	7.35E-10
5825	489660.32, 3859440.27	1.74E-05	2.74E-09	9.53E-10	1.71E-05	2.70E-09	9.41E-10	1.66E-05	2.62E-09	9.13E-10
5826	489577.04, 3859394.53	2.18E-05	3.43E-09	1.20E-09	2.15E-05	3.39E-09	1.18E-09	2.09E-05	3.29E-09	1.15E-09
5827	489493.75, 3859348.8	2.75E-05	4.33E-09	1.51E-09	2.71E-05	4.27E-09	1.49E-09	2.63E-05	4.15E-09	1.45E-09
5828	489321.28, 3859240.02	5.45E-05	8.59E-09	2.99E-09	5.38E-05	8.48E-09	2.95E-09	5.22E-05	8.23E-09	2.87E-09
5829	489235.41, 3859193.96	1.13E-04	1.77E-08	6.18E-09	1.11E-04	1.75E-08	6.10E-09	1.08E-04	1.70E-08	5.92E-09
5830	489149.54, 3859147.89	3.45E-05	5.43E-09	1.89E-09	3.40E-05	5.36E-09	1.87E-09	3.30E-05	5.20E-09	1.81E-09
5831	489063.68, 3859101.82	2.20E-05	3.47E-09	1.21E-09	2.17E-05	3.42E-09	1.19E-09	2.11E-05	3.32E-09	1.16E-09
5832	488977.81, 3859055.75	1.79E-05	2.82E-09	9.83E-10	1.77E-05	2.79E-09	9.70E-10	1.72E-05	2.71E-09	9.42E-10
5833	488891.94, 3859009.69	1.55E-05	2.44E-09	8.48E-10	1.53E-05	2.40E-09	8.37E-10	1.48E-05	2.33E-09	8.13E-10
5834	488808, 3859060.73	1.20E-05	1.90E-09	6.61E-10	1.19E-05	1.87E-09	6.52E-10	1.15E-05	1.82E-09	6.33E-10
5835	488809.93, 3859157.85	1.07E-05	1.68E-09	5.85E-10	1.05E-05	1.66E-09	5.77E-10	1.02E-05	1.61E-09	5.61E-10
5836	488811.86, 3859254.96	9.61E-06	1.51E-09	5.27E-10	9.48E-06	1.49E-09	5.20E-10	9.21E-06	1.45E-09	5.05E-10
5837	488813.78, 3859352.07	8.67E-06	1.37E-09	4.76E-10	8.55E-06	1.35E-09	4.69E-10	8.31E-06	1.31E-09	4.56E-10
5838	488815.71, 3859449.19	7.76E-06	1.22E-09	4.26E-10	7.66E-06	1.21E-09	4.20E-10	7.44E-06	1.17E-09	4.08E-10
5839	488910.04, 3859547.11	7.92E-06	1.25E-09	4.35E-10	7.82E-06	1.23E-09	4.29E-10	7.59E-06	1.20E-09	4.17E-10
5840	489002.45, 3859547.91	9.92E-06	1.56E-09	5.44E-10	9.79E-06	1.54E-09	5.37E-10	9.50E-06	1.50E-09	5.22E-10
5841	489094.85, 3859548.72	1.43E-05	2.26E-09	7.87E-10	1.42E-05	2.23E-09	7.77E-10	1.37E-05	2.17E-09	7.54E-10
5842	489230.05, 3859601.87	2.30E-05	3.62E-09	1.26E-09	2.27E-05	3.58E-09	1.25E-09	2.20E-05	3.47E-09	1.21E-09
5843	489227.52, 3859680.89	1.82E-05	2.87E-09	1.00E-09	1.80E-05	2.83E-09	9.87E-10	1.75E-05	2.75E-09	9.58E-10
5844	489133.47, 3859760.29	7.82E-06	1.23E-09	4.29E-10	7.72E-06	1.22E-09	4.24E-10	7.50E-06	1.18E-09	4.11E-10
5845	489041.96, 3859760.67	6.46E-06	1.02E-09	3.54E-10	6.37E-06	1.00E-09	3.50E-10	6.19E-06	9.75E-10	3.40E-10
5846	488950.45, 3859761.05	5.65E-06	8.90E-10	3.10E-10	5.58E-06	8.78E-10	3.06E-10	5.41E-06	8.53E-10	2.97E-10
5847	488858.94, 3859761.43	5.08E-06	8.00E-10	2.79E-10	5.01E-06	7.89E-10	2.75E-10	4.86E-06	7.66E-10	2.67E-10
5848	488767.43, 3859761.82	4.64E-06	7.31E-10	2.55E-10	4.58E-06	7.21E-10	2.51E-10	4.45E-06	7.00E-10	2.44E-10
5849	488675.92, 3859762.2	4.31E-06	6.79E-10	2.37E-10	4.25E-06	6.70E-10	2.33E-10	4.13E-06	6.51E-10	2.27E-10
5850	488584.41, 3859762.58	3.99E-06	6.29E-10	2.19E-10	3.94E-06	6.20E-10	2.16E-10	3.82E-06	6.02E-10	2.10E-10
5851	488492.9, 3859762.96	3.71E-06	5.85E-10	2.04E-10	3.66E-06	5.77E-10	2.01E-10	3.56E-06	5.60E-10	1.95E-10
5852	488402.76, 3859830.95	3.27E-06	5.16E-10	1.80E-10	3.23E-06	5.09E-10	1.77E-10	3.14E-06	4.94E-10	1.72E-10
5853	488404.14, 3859898.55	3.07E-06	4.84E-10	1.68E-10	3.03E-06	4.77E-10	1.66E-10	2.94E-06	4.64E-10	1.61E-10
5854	488505.18, 3859964.96	3.07E-06	4.84E-10	1.69E-10	3.03E-06	4.78E-10	1.67E-10	2.95E-06	4.64E-10	1.62E-10
5855	488604.85, 3859963.76	3.28E-06	5.16E-10	1.80E-10	3.23E-06	5.09E-10	1.77E-10	3.14E-06	4.95E-10	1.72E-10
5856	488704.51, 3859962.56	3.51E-06	5.53E-10	1.93E-10	3.46E-06	5.45E-10	1.90E-10	3.36E-06	5.30E-10	1.85E-10
5857	488804.18, 3859961.37	3.79E-06	5.97E-10	2.08E-10	3.74E-06	5.89E-10	2.05E-10	3.63E-06	5.72E-10	1.99E-10
5858	488903.85, 3859960.17	4.14E-06	6.52E-10	2.27E-10	4.09E-06	6.44E-10	2.24E-10	3.97E-06	6.25E-10	2.18E-10
5859	489003.52, 3859958.97	4.58E-06	7.21E-10	2.51E-10	4.52E-06	7.12E-10	2.48E-10	4.39E-06	6.91E-10	2.41E-10
5860	489103.18, 3859957.77	5.47E-06	8.61E-10	3.00E-10	5.40E-06	8.50E-10	2.96E-10	5.24E-06	8.25E-10	2.88E-10
5861	489201.48, 3860046.59	7.12E-06	1.12E-09	3.91E-10	7.03E-06	1.11E-09	3.86E-10	6.83E-06	1.08E-09	3.75E-10
5862	489200.11, 3860136.61	6.90E-06	1.09E-09	3.79E-10	6.81E-06	1.07E-09	3.74E-10	6.62E-06	1.04E-09	3.63E-10
5863	489198.74, 3860226.63	7.85E-06	1.24E-09	4.31E-10	7.75E-06	1.22E-09	4.25E-10	7.53E-06	1.19E-09	4.13E-10
5864	489197.38, 3860316.66	6.26E-06	9.86E-10	3.44E-10	6.18E-06	9.73E-10	3.39E-10	6.00E-06	9.45E-10	3.29E-10
5865	489196.01, 3860406.68	6.08E-06	9.58E-10	3.34E-10	6.00E-06	9.45E-10	3.29E-10	5.83E-06	9.18E-10	3.20E-10
5866	489194.64, 3860496.7	7.10E-06	1.12E-09	3.90E-10	7.01E-06	1.10E-09	3.85E-10	6.80E-06	1.07E-09	3.73E-10
5867	489193.27, 3860586.72	6.87E-06	1.08E-09	3.77E-10	6.79E-06	1.07E-09	3.72E-10	6.59E-06	1.04E-09	3.62E-10
5868	489092.02, 3860678.13	3.54E-06	5.57E-10	1.94E-10	3.49E-06	5.50E-10	1.92E-10	3.39E-06	5.34E-10	1.86E-10
5869	488992.13, 3860679.53	2.76E-06	4.34E-10	1.51E-10	2.72E-06	4.29E-10	1.49E-10	2.64E-06	4.16E-10	1.45E-10
5870	488892.25, 3860680.92	2.43E-06	3.82E-10	1.33E-10	2.40E-06	3.77E-10	1.32E-10	2.33E-06	3.67E-10	1.28E-10
5871	488792.36, 3860682.31	2.22E-06	3.50E-10	1.22E-10	2.19E-06	3.45E-10	1.20E-10	2.13E-06	3.35E-10	1.17E-10
5872	488692.48, 3860683.7	2.07E-06	3.26E-10	1.14E-10	2.04E-06	3.22E-10	1.12E-10	1.98E-06	3.13E-10	1.09E-10
5873	488592.59, 3860685.1	1.95E-06	3.07E-10	1.07E-10	1.92E-06	3.03E-10	1.06E-10	1.87E-06	2.94E-10	1.03E-10
5874	488492.71, 3860686.49	1.87E-06	2.95E-10	1.03E-10	1.85E-06	2.91E-10	1.02E-10	1.80E-06	2.83E-10	9.86E-11
5875	488299.07, 3860762.18	1.71E-06	2.69E-10	9.37E-11	1.68E-06	2.65E-10	9.25E-11	1.64E-06	2.58E-10	8.98E-11
5876	488205.32, 3860764.09	1.65E-06	2.59E-10	9.04E-11	1.63E-06	2.56E-10	8.92E-11	1.58E-06	2.49E-10	8.66E-11

5877	488111.56, 3860766	1.58E-06	2.49E-10	8.68E-11	1.56E-06	2.46E-10	8.57E-11	1.52E-06	2.39E-10	8.32E-11
5878	488017.81, 3860767.91	1.52E-06	2.39E-10	8.32E-11	1.50E-06	2.36E-10	8.21E-11	1.45E-06	2.29E-10	7.97E-11
5879	487924.06, 3860769.81	1.45E-06	2.29E-10	7.98E-11	1.44E-06	2.26E-10	7.88E-11	1.39E-06	2.20E-10	7.65E-11
5880	487830.31, 3860771.72	1.40E-06	2.20E-10	7.68E-11	1.38E-06	2.18E-10	7.58E-11	1.34E-06	2.11E-10	7.36E-11
5881	487736.55, 3860773.63	1.35E-06	2.13E-10	7.42E-11	1.33E-06	2.10E-10	7.32E-11	1.30E-06	2.04E-10	7.11E-11
5882	487642.8, 3860775.54	1.31E-06	2.07E-10	7.21E-11	1.30E-06	2.04E-10	7.11E-11	1.26E-06	1.98E-10	6.91E-11
5883	487549.48, 3860684.71	1.32E-06	2.08E-10	7.26E-11	1.31E-06	2.06E-10	7.17E-11	1.27E-06	2.00E-10	6.96E-11
5884	487549.91, 3860591.97	1.36E-06	2.15E-10	7.49E-11	1.35E-06	2.12E-10	7.39E-11	1.31E-06	2.06E-10	7.18E-11
5885	487550.34, 3860499.23	1.42E-06	2.23E-10	7.78E-11	1.40E-06	2.20E-10	7.68E-11	1.36E-06	2.14E-10	7.46E-11
5886	487550.76, 3860406.49	1.48E-06	2.33E-10	8.13E-11	1.46E-06	2.30E-10	8.03E-11	1.42E-06	2.24E-10	7.80E-11
5887	487551.19, 3860313.75	1.55E-06	2.44E-10	8.51E-11	1.53E-06	2.41E-10	8.40E-11	1.49E-06	2.34E-10	8.16E-11
5888	487551.62, 3860221.01	1.63E-06	2.57E-10	8.95E-11	1.61E-06	2.54E-10	8.83E-11	1.56E-06	2.46E-10	8.58E-11
5889	487552.05, 3860128.27	1.73E-06	2.73E-10	9.50E-11	1.71E-06	2.69E-10	9.38E-11	1.66E-06	2.61E-10	9.11E-11
5890	487552.48, 3860035.53	1.84E-06	2.89E-10	1.01E-10	1.81E-06	2.85E-10	9.94E-11	1.76E-06	2.77E-10	9.66E-11
5891	487552.91, 3859942.79	1.93E-06	3.03E-10	1.06E-10	1.90E-06	2.99E-10	1.04E-10	1.85E-06	2.91E-10	1.01E-10
5892	487553.33, 3859850.05	2.04E-06	3.22E-10	1.12E-10	2.02E-06	3.18E-10	1.11E-10	1.96E-06	3.08E-10	1.07E-10
5893	487553.76, 3859757.31	2.16E-06	3.40E-10	1.18E-10	2.13E-06	3.35E-10	1.17E-10	2.07E-06	3.25E-10	1.13E-10
5894	487554.19, 3859664.57	2.28E-06	3.59E-10	1.25E-10	2.25E-06	3.54E-10	1.23E-10	2.18E-06	3.44E-10	1.20E-10
5895	487460.2, 3859571.05	2.30E-06	3.62E-10	1.26E-10	2.27E-06	3.57E-10	1.24E-10	2.20E-06	3.47E-10	1.21E-10
5896	487365.78, 3859570.27	2.20E-06	3.46E-10	1.21E-10	2.17E-06	3.42E-10	1.19E-10	2.11E-06	3.32E-10	1.16E-10
5897	487271.36, 3859569.48	2.09E-06	3.30E-10	1.15E-10	2.07E-06	3.25E-10	1.13E-10	2.01E-06	3.16E-10	1.10E-10
5898	487176.94, 3859568.7	1.99E-06	3.13E-10	1.09E-10	1.96E-06	3.09E-10	1.08E-10	1.91E-06	3.00E-10	1.05E-10
5899	487082.51, 3859567.92	1.89E-06	2.98E-10	1.04E-10	1.87E-06	2.94E-10	1.03E-10	1.81E-06	2.86E-10	9.96E-11
5900	486988.09, 3859567.14	1.80E-06	2.83E-10	9.88E-11	1.78E-06	2.80E-10	9.75E-11	1.72E-06	2.72E-10	9.46E-11
5901	486893.67, 3859566.36	1.71E-06	2.69E-10	9.38E-11	1.69E-06	2.66E-10	9.26E-11	1.64E-06	2.58E-10	8.99E-11
5902	486799.25, 3859565.58	1.62E-06	2.56E-10	8.92E-11	1.60E-06	2.53E-10	8.80E-11	1.56E-06	2.45E-10	8.55E-11
5903	486704.83, 3859564.79	1.55E-06	2.44E-10	8.50E-11	1.53E-06	2.41E-10	8.39E-11	1.49E-06	2.34E-10	8.15E-11
5904	486610.41, 3859564.01	1.48E-06	2.34E-10	8.14E-11	1.46E-06	2.30E-10	8.03E-11	1.42E-06	2.24E-10	7.80E-11
5905	486515.99, 3859563.23	1.42E-06	2.23E-10	7.77E-11	1.40E-06	2.20E-10	7.67E-11	1.36E-06	2.14E-10	7.45E-11
5906	486421.57, 3859562.45	1.36E-06	2.14E-10	7.44E-11	1.34E-06	2.11E-10	7.34E-11	1.30E-06	2.05E-10	7.13E-11
5907	486327.14, 3859561.67	1.30E-06	2.05E-10	7.14E-11	1.28E-06	2.02E-10	7.04E-11	1.25E-06	1.96E-10	6.84E-11
5908	486232.72, 3859560.89	1.24E-06	1.96E-10	6.83E-11	1.23E-06	1.94E-10	6.74E-11	1.19E-06	1.88E-10	6.55E-11
5909	486138.3, 3859560.1	1.19E-06	1.88E-10	6.55E-11	1.18E-06	1.86E-10	6.47E-11	1.14E-06	1.80E-10	6.28E-11
5910	486043.88, 3859559.32	1.15E-06	1.81E-10	6.30E-11	1.13E-06	1.78E-10	6.21E-11	1.10E-06	1.73E-10	6.03E-11
5911	485949.35, 3859463.54	1.12E-06	1.76E-10	6.15E-11	1.11E-06	1.74E-10	6.06E-11	1.07E-06	1.69E-10	5.89E-11
5912	485949.24, 3859368.55	1.14E-06	1.79E-10	6.24E-11	1.12E-06	1.77E-10	6.16E-11	1.09E-06	1.72E-10	5.98E-11
5913	485949.12, 3859273.55	1.15E-06	1.81E-10	6.31E-11	1.13E-06	1.79E-10	6.23E-11	1.10E-06	1.74E-10	6.05E-11
5914	485949.01, 3859178.56	1.16E-06	1.82E-10	6.35E-11	1.14E-06	1.80E-10	6.27E-11	1.11E-06	1.75E-10	6.09E-11
5915	485948.9, 3859083.56	1.17E-06	1.84E-10	6.41E-11	1.15E-06	1.82E-10	6.33E-11	1.12E-06	1.76E-10	6.15E-11
5916	485948.79, 3858988.56	1.18E-06	1.86E-10	6.47E-11	1.16E-06	1.83E-10	6.38E-11	1.13E-06	1.78E-10	6.20E-11
5917	485948.67, 3858893.57	1.18E-06	1.87E-10	6.50E-11	1.17E-06	1.84E-10	6.41E-11	1.13E-06	1.79E-10	6.23E-11
5918	485948.56, 3858798.57	1.19E-06	1.87E-10	6.51E-11	1.17E-06	1.85E-10	6.43E-11	1.14E-06	1.79E-10	6.24E-11
5919	485948.45, 3858703.58	1.18E-06	1.86E-10	6.47E-11	1.16E-06	1.83E-10	6.38E-11	1.13E-06	1.78E-10	6.20E-11
5920	485948.34, 3858608.58	1.18E-06	1.85E-10	6.46E-11	1.16E-06	1.83E-10	6.37E-11	1.13E-06	1.78E-10	6.19E-11
5921	485948.22, 3858513.59	1.18E-06	1.85E-10	6.46E-11	1.16E-06	1.83E-10	6.38E-11	1.13E-06	1.78E-10	6.19E-11
5922	485948.11, 3858418.59	1.18E-06	1.86E-10	6.46E-11	1.16E-06	1.83E-10	6.38E-11	1.13E-06	1.78E-10	6.19E-11
5923	485948, 3858323.59	1.18E-06	1.86E-10	6.49E-11	1.17E-06	1.84E-10	6.40E-11	1.13E-06	1.78E-10	6.22E-11
5924	485947.89, 3858228.6	1.18E-06	1.86E-10	6.48E-11	1.17E-06	1.84E-10	6.40E-11	1.13E-06	1.78E-10	6.21E-11
5925	485947.77, 3858133.6	1.18E-06	1.85E-10	6.46E-11	1.16E-06	1.83E-10	6.37E-11	1.13E-06	1.78E-10	6.19E-11
5926	485947.66, 3858038.61	1.17E-06	1.85E-10	6.45E-11	1.16E-06	1.83E-10	6.36E-11	1.13E-06	1.77E-10	6.18E-11
5927	485854.54, 3857943.35	1.11E-06	1.75E-10	6.09E-11	1.09E-06	1.72E-10	6.01E-11	1.06E-06	1.67E-10	5.83E-11
5928	485761.52, 3857943.09	1.06E-06	1.68E-10	5.84E-11	1.05E-06	1.66E-10	5.77E-11	1.02E-06	1.61E-10	5.60E-11
5929	485668.51, 3857942.83	1.03E-06	1.62E-10	5.63E-11	1.01E-06	1.59E-10	5.55E-11	9.83E-07	1.55E-10	5.39E-11
5930	485575.5, 3857942.56	9.86E-07	1.55E-10	5.41E-11	9.73E-07	1.53E-10	5.34E-11	9.45E-07	1.49E-10	5.19E-11
5931	485482.48, 3857942.3	9.51E-07	1.50E-10	5.22E-11	9.39E-07	1.48E-10	5.15E-11	9.12E-07	1.44E-10	5.00E-11
5932	485389.47, 3857942.04	9.18E-07	1.45E-10	5.04E-11	9.07E-07	1.43E-10	4.98E-11	8.80E-07	1.39E-10	4.83E-11
5933	485296.46, 3857941.78	8.87E-07	1.40E-10	4.87E-11	8.76E-07	1.38E-10	4.81E-11	8.50E-07	1.34E-10	4.67E-11
5934	485203.45, 3857941.52	8.60E-07	1.35E-10	4.72E-11	8.48E-07	1.34E-10	4.66E-11	8.24E-07	1.30E-10	4.52E-11
5935	485110.43, 3857941.26	8.31E-07	1.31E-10	4.56E-11	8.20E-07	1.29E-10	4.50E-11	7.97E-07	1.25E-10	4.37E-11
5936	485017.42, 3857940.99	8.04E-07	1.27E-10	4.41E-11	7.93E-07	1.25E-10	4.35E-11	7.70E-07	1.21E-10	4.23E-11
5937	484924.41, 3857940.73	7.78E-07	1.23E-10	4.27E-11	7.68E-07	1.21E-10	4.21E-11	7.45E-07	1.17E-10	4.09E-11
5938	484831.39, 3857940.47	7.54E-07	1.19E-10	4.14E-11	7.44E-07	1.17E-10	4.08E-11	7.23E-07	1.14E-10	3.97E-11
5939	484738.12, 3857859.3	7.27E-07	1.14E-10	3.99E-11	7.17E-07	1.13E-10	3.94E-11	6.96E-07	1.10E-10	3.82E-11
5940	484737.85, 3857778.4	7.23E-07	1.14E-10	3.97E-11	7.14E-07	1.12E-10	3.92E-11	6.93E-07	1.09E-10	3.80E-11
5941	484737.59, 3857697.49	7.20E-07	1.13E-10	3.95E-11	7.10E-07	1.12E-10	3.90E-11	6.90E-07	1.09E-10	3.79E-11
5942	484737.32, 3857616.59	7.15E-07	1.13E-10	3.93E-11	7.06E-07	1.11E-10	3.87E-11	6.85E-07	1.08E-10	3.76E-11
5943	484645.53, 3857535.18	6.91E-07	1.09E-10	3.79E-11	6.82E-07	1.07E-10	3.74E-11	6.62E-07	1.04E-10	3.63E-11
5944	484553.99, 3857534.67	6.72E-07	1.06E-10	3.69E-11	6.63E-07	1.05E-10	3.64E-11	6.44E-07	1.01E-10	3.54E-11
5945	484462.46, 3857534.17	6.55E-07	1.03E-10	3.59E-11	6.46E-07	1.02E-10	3.55E-11	6.27E-07	9.88E-11	3.44E-11
5946	484370.93, 3857533.66	6.38E-07	1.00E-10	3.50E-11	6.29E-07	9.92E-11	3.45E-11	6.11E-07	9.63E-11	3.35E-11

5947	484279.4, 3857533.16	6.22E-07	9.79E-11	3.41E-11	6.14E-07	9.67E-11	3.37E-11	5.96E-07	9.39E-11	3.27E-11
5948	484187.86, 3857532.65	6.06E-07	9.54E-11	3.32E-11	5.98E-07	9.42E-11	3.28E-11	5.81E-07	9.15E-11	3.19E-11
5949	484096.33, 3857532.15	5.91E-07	9.31E-11	3.24E-11	5.83E-07	9.19E-11	3.20E-11	5.66E-07	8.92E-11	3.11E-11
5950	484004.8, 3857531.64	5.76E-07	9.08E-11	3.16E-11	5.69E-07	8.96E-11	3.12E-11	5.52E-07	8.70E-11	3.03E-11
5951	483913.27, 3857531.14	5.61E-07	8.84E-11	3.08E-11	5.54E-07	8.73E-11	3.04E-11	5.38E-07	8.48E-11	2.95E-11
5952	483821.73, 3857530.63	5.48E-07	8.63E-11	3.01E-11	5.40E-07	8.51E-11	2.97E-11	5.25E-07	8.27E-11	2.88E-11
5953	483729.61, 3857450.11	5.33E-07	8.40E-11	2.93E-11	5.26E-07	8.29E-11	2.89E-11	5.11E-07	8.05E-11	2.80E-11
5954	483729.03, 3857370.08	5.32E-07	8.38E-11	2.92E-11	5.25E-07	8.27E-11	2.88E-11	5.10E-07	8.03E-11	2.80E-11
5955	483728.44, 3857290.06	5.29E-07	8.33E-11	2.90E-11	5.22E-07	8.22E-11	2.86E-11	5.07E-07	7.98E-11	2.78E-11
5956	483727.86, 3857210.03	5.24E-07	8.26E-11	2.88E-11	5.17E-07	8.15E-11	2.84E-11	5.03E-07	7.92E-11	2.76E-11
5957	483641.15, 3857129.07	5.09E-07	8.02E-11	2.79E-11	5.02E-07	7.91E-11	2.76E-11	4.88E-07	7.68E-11	2.68E-11
5958	483555.03, 3857128.14	4.99E-07	7.87E-11	2.74E-11	4.93E-07	7.76E-11	2.70E-11	4.79E-07	7.54E-11	2.63E-11
5959	483468.91, 3857127.2	4.89E-07	7.71E-11	2.68E-11	4.83E-07	7.61E-11	2.65E-11	4.69E-07	7.39E-11	2.57E-11
5960	483382.78, 3857126.26	4.80E-07	7.57E-11	2.64E-11	4.74E-07	7.47E-11	2.60E-11	4.60E-07	7.25E-11	2.53E-11
5961	483296.66, 3857125.32	4.71E-07	7.43E-11	2.59E-11	4.65E-07	7.33E-11	2.55E-11	4.52E-07	7.12E-11	2.48E-11
5962	483210.54, 3857124.39	4.62E-07	7.28E-11	2.54E-11	4.56E-07	7.19E-11	2.50E-11	4.43E-07	6.98E-11	2.43E-11
5963	483123.4, 3857030.96	4.49E-07	7.08E-11	2.47E-11	4.44E-07	6.99E-11	2.43E-11	4.31E-07	6.79E-11	2.36E-11
5964	483122.38, 3856938.46	4.44E-07	7.00E-11	2.44E-11	4.38E-07	6.91E-11	2.41E-11	4.26E-07	6.71E-11	2.34E-11
5965	483121.35, 3856845.97	4.38E-07	6.90E-11	2.40E-11	4.32E-07	6.81E-11	2.37E-11	4.20E-07	6.61E-11	2.30E-11
5966	483120.33, 3856753.47	4.30E-07	6.77E-11	2.36E-11	4.24E-07	6.69E-11	2.33E-11	4.12E-07	6.49E-11	2.26E-11
5967	483119.31, 3856660.98	4.22E-07	6.64E-11	2.31E-11	4.16E-07	6.55E-11	2.28E-11	4.04E-07	6.36E-11	2.22E-11
5968	483118.29, 3856568.49	4.13E-07	6.50E-11	2.26E-11	4.07E-07	6.42E-11	2.24E-11	3.95E-07	6.23E-11	2.17E-11
5969	483117.26, 3856475.99	4.03E-07	6.36E-11	2.21E-11	3.98E-07	6.27E-11	2.19E-11	3.87E-07	6.09E-11	2.12E-11
5970	483116.24, 3856383.5	3.94E-07	6.20E-11	2.16E-11	3.89E-07	6.12E-11	2.13E-11	3.77E-07	5.94E-11	2.07E-11
5971	483115.22, 3856291.01	3.84E-07	6.05E-11	2.11E-11	3.79E-07	5.97E-11	2.08E-11	3.68E-07	5.80E-11	2.02E-11
5972	483114.2, 3856198.51	3.75E-07	5.90E-11	2.06E-11	3.70E-07	5.83E-11	2.03E-11	3.59E-07	5.66E-11	1.97E-11
5973	483113.17, 3856106.02	3.67E-07	5.78E-11	2.01E-11	3.62E-07	5.71E-11	1.99E-11	3.52E-07	5.54E-11	1.93E-11
5974	483112.15, 3856013.52	3.60E-07	5.67E-11	1.98E-11	3.55E-07	5.60E-11	1.95E-11	3.45E-07	5.44E-11	1.89E-11
5975	483029.25, 3855920.47	3.50E-07	5.51E-11	1.92E-11	3.45E-07	5.43E-11	1.89E-11	3.35E-07	5.28E-11	1.84E-11
5976	482947.37, 3855919.91	3.45E-07	5.43E-11	1.89E-11	3.40E-07	5.36E-11	1.87E-11	3.31E-07	5.21E-11	1.81E-11
5977	482865.49, 3855919.36	3.40E-07	5.36E-11	1.87E-11	3.36E-07	5.29E-11	1.84E-11	3.26E-07	5.14E-11	1.79E-11
5978	482783.61, 3855918.8	3.36E-07	5.30E-11	1.84E-11	3.32E-07	5.23E-11	1.82E-11	3.22E-07	5.08E-11	1.77E-11
5979	482700.33, 3855818.39	3.26E-07	5.13E-11	1.79E-11	3.22E-07	5.07E-11	1.77E-11	3.12E-07	4.92E-11	1.71E-11
5980	482698.92, 3855718.54	3.21E-07	5.05E-11	1.76E-11	3.16E-07	4.99E-11	1.74E-11	3.07E-07	4.84E-11	1.69E-11
5981	482697.52, 3855618.68	3.16E-07	4.98E-11	1.73E-11	3.12E-07	4.91E-11	1.71E-11	3.03E-07	4.77E-11	1.66E-11
5982	482696.11, 3855518.83	3.12E-07	4.91E-11	1.71E-11	3.07E-07	4.84E-11	1.69E-11	2.99E-07	4.70E-11	1.64E-11
5983	482694.71, 3855418.98	3.08E-07	4.85E-11	1.69E-11	3.04E-07	4.78E-11	1.67E-11	2.95E-07	4.64E-11	1.62E-11
5984	482693.3, 3855319.13	3.04E-07	4.78E-11	1.67E-11	3.00E-07	4.72E-11	1.65E-11	2.91E-07	4.59E-11	1.60E-11
5985	482691.9, 3855219.27	3.00E-07	4.72E-11	1.64E-11	2.96E-07	4.66E-11	1.62E-11	2.87E-07	4.52E-11	1.58E-11
5986	482690.49, 3855119.42	2.95E-07	4.65E-11	1.62E-11	2.91E-07	4.59E-11	1.60E-11	2.83E-07	4.46E-11	1.55E-11
5987	482689.09, 3855019.57	2.89E-07	4.56E-11	1.59E-11	2.86E-07	4.50E-11	1.57E-11	2.77E-07	4.37E-11	1.52E-11
5988	482687.68, 3854919.72	2.83E-07	4.47E-11	1.56E-11	2.80E-07	4.41E-11	1.54E-11	2.72E-07	4.28E-11	1.49E-11
5989	482686.28, 3854819.86	2.77E-07	4.36E-11	1.52E-11	2.73E-07	4.31E-11	1.50E-11	2.65E-07	4.18E-11	1.46E-11
5990	482684.88, 3854720.01	2.71E-07	4.27E-11	1.49E-11	2.68E-07	4.22E-11	1.47E-11	2.60E-07	4.09E-11	1.43E-11
5991	482683.47, 3854620.16	2.65E-07	4.17E-11	1.45E-11	2.61E-07	4.12E-11	1.43E-11	2.54E-07	4.00E-11	1.39E-11
5992	482682.07, 3854520.31	2.59E-07	4.08E-11	1.42E-11	2.55E-07	4.02E-11	1.40E-11	2.48E-07	3.91E-11	1.36E-11
5993	482680.66, 3854420.45	2.53E-07	3.99E-11	1.39E-11	2.50E-07	3.94E-11	1.37E-11	2.43E-07	3.82E-11	1.33E-11
5994	482679.26, 3854320.6	2.48E-07	3.90E-11	1.36E-11	2.45E-07	3.85E-11	1.34E-11	2.37E-07	3.74E-11	1.30E-11
5995	482677.85, 3854220.75	2.41E-07	3.80E-11	1.32E-11	2.38E-07	3.75E-11	1.31E-11	2.31E-07	3.64E-11	1.27E-11
5996	482676.45, 3854120.9	2.37E-07	3.74E-11	1.30E-11	2.34E-07	3.69E-11	1.28E-11	2.27E-07	3.58E-11	1.25E-11
5997	482675.04, 3854021.04	2.32E-07	3.66E-11	1.27E-11	2.29E-07	3.61E-11	1.26E-11	2.23E-07	3.51E-11	1.22E-11
5998	482673.64, 3853921.19	2.28E-07	3.59E-11	1.25E-11	2.25E-07	3.54E-11	1.23E-11	2.18E-07	3.44E-11	1.20E-11
5999	482672.23, 3853821.34	2.22E-07	3.50E-11	1.22E-11	2.19E-07	3.45E-11	1.20E-11	2.13E-07	3.35E-11	1.17E-11
6000	482670.83, 3853721.49	2.16E-07	3.41E-11	1.19E-11	2.13E-07	3.36E-11	1.17E-11	2.07E-07	3.26E-11	1.14E-11
6001	482669.42, 3853621.63	2.11E-07	3.32E-11	1.16E-11	2.08E-07	3.28E-11	1.14E-11	2.02E-07	3.18E-11	1.11E-11
6002	482645.99, 3853446.13	2.03E-07	3.19E-11	1.11E-11	2.00E-07	3.15E-11	1.10E-11	1.94E-07	3.06E-11	1.07E-11
6003	482623.97, 3853370.49	2.00E-07	3.14E-11	1.10E-11	1.97E-07	3.10E-11	1.08E-11	1.91E-07	3.01E-11	1.05E-11
6004	482601.94, 3853294.84	1.97E-07	3.10E-11	1.08E-11	1.94E-07	3.06E-11	1.07E-11	1.88E-07	2.97E-11	1.03E-11
6005	482531.29, 3853133.44	1.90E-07	3.00E-11	1.04E-11	1.88E-07	2.96E-11	1.03E-11	1.82E-07	2.87E-11	1.00E-11
6006	482482.68, 3853047.69	1.87E-07	2.94E-11	1.02E-11	1.84E-07	2.90E-11	1.01E-11	1.79E-07	2.82E-11	9.82E-12
6007	482383.09, 3852897.4	1.82E-07	2.87E-11	9.99E-12	1.80E-07	2.83E-11	9.86E-12	1.74E-07	2.75E-11	9.58E-12
6008	482265.64, 3852765.26	1.77E-07	2.79E-11	9.71E-12	1.75E-07	2.75E-11	9.59E-12	1.70E-07	2.67E-11	9.31E-12
6009	482199.16, 3852697.66	1.74E-07	2.74E-11	9.56E-12	1.72E-07	2.71E-11	9.43E-12	1.67E-07	2.63E-11	9.16E-12
6010	482132.69, 3852630.07	1.71E-07	2.70E-11	9.39E-12	1.69E-07	2.66E-11	9.27E-12	1.64E-07	2.58E-11	9.00E-12
6011	482066.21, 3852562.48	1.68E-07	2.65E-11	9.24E-12	1.66E-07	2.62E-11	9.12E-12	1.61E-07	2.54E-11	8.86E-12
6012	481999.74, 3852494.89	1.66E-07	2.61E-11	9.11E-12	1.64E-07	2.58E-11	8.99E-12	1.59E-07	2.51E-11	8.73E-12
6013	481933.26, 3852427.29	1.63E-07	2.57E-11	8.97E-12	1.61E-07	2.54E-11	8.85E-12	1.57E-07	2.47E-11	8.60E-12
6014	481866.79, 3852359.7	1.61E-07	2.53E-11	8.83E-12	1.59E-07	2.50E-11	8.71E-12	1.54E-07	2.43E-11	8.46E-12
6015	481800.31, 3852292.11	1.58E-07	2.49E-11	8.68E-12	1.56E-07	2.46E-11	8.56E-12	1.52E-07	2.39E-11	8.32E-12
6016	481733.84, 3852224.52	1.56E-07	2.45E-11	8.53E-12	1.53E-07	2.42E-11	8.42E-12	1.49E-07	2.35E-11	8.18E-12

6017	481667.36, 3852156.92	1.53E-07	2.41E-11	8.38E-12	1.51E-07	2.38E-11	8.28E-12	1.46E-07	2.31E-11	8.04E-12
6018	481600.89, 3852089.33	1.51E-07	2.38E-11	8.28E-12	1.49E-07	2.35E-11	8.17E-12	1.45E-07	2.28E-11	7.93E-12
6019	481534.41, 3852021.74	1.49E-07	2.35E-11	8.18E-12	1.47E-07	2.32E-11	8.08E-12	1.43E-07	2.25E-11	7.84E-12
6020	481467.94, 3851954.15	1.47E-07	2.32E-11	8.08E-12	1.45E-07	2.29E-11	7.98E-12	1.41E-07	2.22E-11	7.75E-12
6021	481401.46, 3851886.55	1.45E-07	2.29E-11	7.96E-12	1.43E-07	2.26E-11	7.86E-12	1.39E-07	2.19E-11	7.63E-12
6022	481265.87, 3851761.43	1.41E-07	2.23E-11	7.76E-12	1.40E-07	2.20E-11	7.66E-12	1.36E-07	2.14E-11	7.44E-12
6023	481196.74, 3851703.89	1.39E-07	2.19E-11	7.64E-12	1.37E-07	2.16E-11	7.54E-12	1.33E-07	2.10E-11	7.32E-12
6024	481076.33, 3851619.05	1.36E-07	2.14E-11	7.46E-12	1.34E-07	2.11E-11	7.37E-12	1.30E-07	2.05E-11	7.15E-12
6025	480939.8, 3851549.07	1.32E-07	2.08E-11	7.25E-12	1.30E-07	2.05E-11	7.15E-12	1.27E-07	1.99E-11	6.95E-12
6026	480854.56, 3851506.41	1.30E-07	2.04E-11	7.12E-12	1.28E-07	2.02E-11	7.03E-12	1.24E-07	1.96E-11	6.82E-12
6027	480769.32, 3851463.75	1.28E-07	2.01E-11	7.00E-12	1.26E-07	1.98E-11	6.91E-12	1.22E-07	1.93E-11	6.71E-12
6028	480684.08, 3851421.08	1.25E-07	1.98E-11	6.89E-12	1.24E-07	1.95E-11	6.80E-12	1.20E-07	1.89E-11	6.60E-12
6029	480598.84, 3851378.42	1.24E-07	1.95E-11	6.79E-12	1.22E-07	1.92E-11	6.70E-12	1.19E-07	1.87E-11	6.51E-12
6030	480435.71, 3851275.01	1.20E-07	1.89E-11	6.59E-12	1.19E-07	1.87E-11	6.51E-12	1.15E-07	1.81E-11	6.32E-12
6031	480347.85, 3851232.36	1.18E-07	1.86E-11	6.49E-12	1.17E-07	1.84E-11	6.41E-12	1.13E-07	1.79E-11	6.22E-12
6032	480260, 3851189.72	1.17E-07	1.84E-11	6.40E-12	1.15E-07	1.81E-11	6.32E-12	1.12E-07	1.76E-11	6.13E-12
6033	480172.15, 3851147.07	1.15E-07	1.81E-11	6.31E-12	1.13E-07	1.79E-11	6.22E-12	1.10E-07	1.73E-11	6.04E-12
6034	480084.29, 3851104.42	1.13E-07	1.78E-11	6.21E-12	1.12E-07	1.76E-11	6.13E-12	1.09E-07	1.71E-11	5.96E-12
6035	479996.44, 3851061.77	1.12E-07	1.76E-11	6.12E-12	1.10E-07	1.73E-11	6.04E-12	1.07E-07	1.68E-11	5.87E-12
6036	479908.58, 3851019.13	1.09E-07	1.72E-11	5.99E-12	1.08E-07	1.70E-11	5.91E-12	1.05E-07	1.65E-11	5.74E-12
6037	479820.73, 3850976.48	1.08E-07	1.70E-11	5.91E-12	1.06E-07	1.68E-11	5.84E-12	1.03E-07	1.63E-11	5.67E-12
6038	479732.88, 3850933.83	1.06E-07	1.68E-11	5.84E-12	1.05E-07	1.66E-11	5.77E-12	1.02E-07	1.61E-11	5.60E-12
6039	479645.02, 3850891.18	1.05E-07	1.66E-11	5.78E-12	1.04E-07	1.64E-11	5.70E-12	1.01E-07	1.59E-11	5.54E-12
6040	479557.17, 3850848.54	1.04E-07	1.64E-11	5.73E-12	1.03E-07	1.62E-11	5.65E-12	1.00E-07	1.58E-11	5.49E-12
6041	479469.32, 3850805.89	1.03E-07	1.62E-11	5.65E-12	1.02E-07	1.60E-11	5.58E-12	9.87E-08	1.55E-11	5.41E-12
6042	479381.46, 3850763.24	1.02E-07	1.61E-11	5.61E-12	1.01E-07	1.59E-11	5.54E-12	9.80E-08	1.54E-11	5.38E-12
6043	479293.61, 3850720.59	1.02E-07	1.61E-11	5.60E-12	1.01E-07	1.59E-11	5.53E-12	9.78E-08	1.54E-11	5.37E-12
6044	479205.76, 3850677.95	1.02E-07	1.60E-11	5.58E-12	1.00E-07	1.58E-11	5.51E-12	9.74E-08	1.53E-11	5.35E-12
6045	479117.9, 3850635.3	1.01E-07	1.60E-11	5.56E-12	1.00E-07	1.58E-11	5.49E-12	9.72E-08	1.53E-11	5.33E-12
6046	479030.05, 3850592.65	1.01E-07	1.59E-11	5.54E-12	9.95E-08	1.57E-11	5.46E-12	9.67E-08	1.52E-11	5.30E-12
6047	478942.19, 3850550	9.94E-08	1.57E-11	5.46E-12	9.81E-08	1.55E-11	5.39E-12	9.53E-08	1.50E-11	5.23E-12
6048	478854.34, 3850507.36	9.71E-08	1.53E-11	5.33E-12	9.58E-08	1.51E-11	5.26E-12	9.30E-08	1.47E-11	5.11E-12
6049	478766.49, 3850464.71	9.58E-08	1.51E-11	5.26E-12	9.45E-08	1.49E-11	5.19E-12	9.18E-08	1.45E-11	5.04E-12
6050	478678.63, 3850422.06	9.47E-08	1.49E-11	5.20E-12	9.35E-08	1.47E-11	5.13E-12	9.08E-08	1.43E-11	4.98E-12
6051	478590.78, 3850379.41	9.36E-08	1.47E-11	5.14E-12	9.23E-08	1.45E-11	5.07E-12	8.97E-08	1.41E-11	4.92E-12
6052	478502.93, 3850336.77	9.27E-08	1.46E-11	5.09E-12	9.14E-08	1.44E-11	5.02E-12	8.88E-08	1.40E-11	4.87E-12
6053	478415.07, 3850294.12	9.19E-08	1.45E-11	5.04E-12	9.07E-08	1.43E-11	4.98E-12	8.81E-08	1.39E-11	4.83E-12
6054	478327.22, 3850251.47	9.08E-08	1.43E-11	4.99E-12	8.96E-08	1.41E-11	4.92E-12	8.71E-08	1.37E-11	4.78E-12
6055	478239.36, 3850208.82	8.99E-08	1.42E-11	4.94E-12	8.87E-08	1.40E-11	4.87E-12	8.62E-08	1.36E-11	4.73E-12
6056	478151.51, 3850166.18	8.91E-08	1.40E-11	4.89E-12	8.80E-08	1.39E-11	4.83E-12	8.54E-08	1.35E-11	4.69E-12
6057	478063.66, 3850123.53	8.84E-08	1.39E-11	4.85E-12	8.72E-08	1.37E-11	4.79E-12	8.47E-08	1.33E-11	4.65E-12
6058	477975.8, 3850080.88	8.91E-08	1.40E-11	4.89E-12	8.80E-08	1.39E-11	4.83E-12	8.54E-08	1.35E-11	4.69E-12
6059	477887.95, 3850038.23	8.88E-08	1.40E-11	4.87E-12	8.76E-08	1.38E-11	4.81E-12	8.51E-08	1.34E-11	4.67E-12
6060	477800.1, 3849995.59	8.86E-08	1.40E-11	4.86E-12	8.75E-08	1.38E-11	4.80E-12	8.49E-08	1.34E-11	4.66E-12
6061	477712.24, 3849952.94	8.81E-08	1.39E-11	4.84E-12	8.70E-08	1.37E-11	4.77E-12	8.44E-08	1.33E-11	4.63E-12
6062	477624.39, 3849910.29	8.76E-08	1.38E-11	4.81E-12	8.64E-08	1.36E-11	4.74E-12	8.39E-08	1.32E-11	4.61E-12
6063	477536.54, 3849867.64	8.71E-08	1.37E-11	4.78E-12	8.59E-08	1.35E-11	4.72E-12	8.34E-08	1.31E-11	4.58E-12
6064	477448.68, 3849825	8.63E-08	1.36E-11	4.74E-12	8.52E-08	1.34E-11	4.67E-12	8.27E-08	1.30E-11	4.54E-12
6065	477360.83, 3849782.35	8.56E-08	1.35E-11	4.70E-12	8.45E-08	1.33E-11	4.64E-12	8.21E-08	1.29E-11	4.50E-12
6066	477272.97, 3849739.7	8.50E-08	1.34E-11	4.66E-12	8.39E-08	1.32E-11	4.60E-12	8.14E-08	1.28E-11	4.47E-12
6067	477185.12, 3849697.05	8.43E-08	1.33E-11	4.63E-12	8.32E-08	1.31E-11	4.57E-12	8.08E-08	1.27E-11	4.44E-12
6068	477097.27, 3849654.41	8.35E-08	1.32E-11	4.59E-12	8.25E-08	1.30E-11	4.53E-12	8.01E-08	1.26E-11	4.39E-12
6069	477009.41, 3849611.76	8.24E-08	1.30E-11	4.52E-12	8.13E-08	1.28E-11	4.46E-12	7.89E-08	1.24E-11	4.33E-12
6070	476841.49, 3849530.08	8.08E-08	1.27E-11	4.44E-12	7.98E-08	1.26E-11	4.38E-12	7.75E-08	1.22E-11	4.25E-12
6071	476761.41, 3849491.05	8.03E-08	1.26E-11	4.41E-12	7.92E-08	1.25E-11	4.35E-12	7.70E-08	1.21E-11	4.22E-12
6072	476681.34, 3849452.02	7.95E-08	1.25E-11	4.36E-12	7.85E-08	1.24E-11	4.31E-12	7.62E-08	1.20E-11	4.18E-12
6073	476601.26, 3849412.99	7.86E-08	1.24E-11	4.31E-12	7.76E-08	1.22E-11	4.26E-12	7.53E-08	1.19E-11	4.13E-12
6074	476456.32, 3849353.67	7.66E-08	1.21E-11	4.21E-12	7.56E-08	1.19E-11	4.15E-12	7.35E-08	1.16E-11	4.03E-12
6075	476305.43, 3849318.84	7.65E-08	1.21E-11	4.20E-12	7.55E-08	1.19E-11	4.14E-12	7.33E-08	1.16E-11	4.02E-12
6076	476129.36, 3849289.99	7.60E-08	1.20E-11	4.17E-12	7.50E-08	1.18E-11	4.12E-12	7.28E-08	1.15E-11	4.00E-12
6077	476039.31, 3849275.68	7.57E-08	1.19E-11	4.16E-12	7.48E-08	1.18E-11	4.10E-12	7.26E-08	1.14E-11	3.98E-12
6078	475949.26, 3849261.38	7.47E-08	1.18E-11	4.10E-12	7.37E-08	1.16E-11	4.05E-12	7.16E-08	1.13E-11	3.93E-12
6079	475859.21, 3849247.08	7.43E-08	1.17E-11	4.08E-12	7.33E-08	1.16E-11	4.02E-12	7.12E-08	1.12E-11	3.91E-12
6080	475769.16, 3849232.77	7.37E-08	1.16E-11	4.04E-12	7.27E-08	1.15E-11	3.99E-12	7.06E-08	1.11E-11	3.87E-12
6081	475585.23, 3849219.27	6.65E-08	1.05E-11	3.65E-12	6.56E-08	1.03E-11	3.60E-12	6.37E-08	1.00E-11	3.50E-12
6082	475444.5, 3849150.35	6.96E-08	1.10E-11	3.82E-12	6.87E-08	1.08E-11	3.77E-12	6.67E-08	1.05E-11	3.66E-12
6083	475334.18, 3849118.71	6.98E-08	1.10E-11	3.83E-12	6.88E-08	1.08E-11	3.78E-12	6.69E-08	1.05E-11	3.67E-12
6084	475230.47, 3849060.57	6.91E-08	1.09E-11	3.79E-12	6.82E-08	1.07E-11	3.74E-12	6.62E-08	1.04E-11	3.63E-12
6085	475110.86, 3848960.97	6.79E-08	1.07E-11	3.73E-12	6.70E-08	1.06E-11	3.68E-12	6.51E-08	1.03E-11	3.57E-12
6086	475037.79, 3848896.28	6.69E-08	1.05E-11	3.67E-12	6.60E-08	1.04E-11	3.62E-12	6.41E-08	1.01E-11	3.52E-12

6087	474964.72, 3848831.59	6.58E-08	1.04E-11	3.61E-12	6.50E-08	1.02E-11	3.57E-12	6.31E-08	9.94E-12	3.46E-12
6088	474891.65, 3848766.9	6.52E-08	1.03E-11	3.58E-12	6.43E-08	1.01E-11	3.53E-12	6.25E-08	9.84E-12	3.43E-12
6089	474818.58, 3848702.22	6.48E-08	1.02E-11	3.56E-12	6.40E-08	1.01E-11	3.51E-12	6.21E-08	9.78E-12	3.41E-12
6090	474745.51, 3848637.53	6.53E-08	1.03E-11	3.59E-12	6.45E-08	1.02E-11	3.54E-12	6.26E-08	9.86E-12	3.44E-12
6091	474672.44, 3848572.84	6.51E-08	1.03E-11	3.57E-12	6.42E-08	1.01E-11	3.52E-12	6.24E-08	9.82E-12	3.42E-12
6092	474599.37, 3848508.15	6.42E-08	1.01E-11	3.52E-12	6.33E-08	9.97E-12	3.48E-12	6.15E-08	9.69E-12	3.37E-12
6093	474526.3, 3848443.46	6.36E-08	1.00E-11	3.49E-12	6.28E-08	9.89E-12	3.45E-12	6.10E-08	9.61E-12	3.35E-12

Roads - Student Risk

		2028			2033			2048		
Rec#	X, Y	Concentrat	Dose	Risk	Concentrat	Dose	Risk	Concentration [	Dose	Risk
1	485973.61, 3854936.51	2.74E-07	8.66E-11	2.52E-11	2.71E-07	8.55E-11	2.49E-11	2.63E-07	8.30E-11	2.41E-11
2	486023.61, 3854936.51	2.72E-07	8.57E-11	2.49E-11	2.68E-07	8.46E-11	2.46E-11	2.60E-07	8.22E-11	2.39E-11
3	486073.61, 3854936.51	2.71E-07	8.55E-11	2.49E-11	2.67E-07	8.44E-11	2.45E-11	2.60E-07	8.19E-11	2.38E-11
4	486123.61, 3854936.51	2.65E-07	8.37E-11	2.43E-11	2.62E-07	8.26E-11	2.40E-11	2.54E-07	8.02E-11	2.33E-11
5	486173.61, 3854936.51	2.67E-07	8.41E-11	2.45E-11	2.63E-07	8.30E-11	2.41E-11	2.55E-07	8.06E-11	2.34E-11
6	486223.61, 3854936.51	2.63E-07	8.30E-11	2.42E-11	2.60E-07	8.20E-11	2.38E-11	2.52E-07	7.96E-11	2.32E-11
7	486273.61, 3854936.51	2.61E-07	8.23E-11	2.39E-11	2.57E-07	8.12E-11	2.36E-11	2.50E-07	7.89E-11	2.29E-11
8	486323.61, 3854936.51	2.59E-07	8.18E-11	2.38E-11	2.56E-07	8.07E-11	2.35E-11	2.48E-07	7.84E-11	2.28E-11
9	485973.61, 3854986.51	2.85E-07	8.99E-11	2.62E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.62E-11	2.51E-11
10	486023.61, 3854986.51	2.83E-07	8.92E-11	2.59E-11	2.79E-07	8.80E-11	2.56E-11	2.71E-07	8.55E-11	2.49E-11
11	486073.61, 3854986.51	2.80E-07	8.83E-11	2.57E-11	2.76E-07	8.71E-11	2.53E-11	2.68E-07	8.46E-11	2.46E-11
12	486123.61, 3854986.51	2.77E-07	8.74E-11	2.54E-11	2.73E-07	8.63E-11	2.51E-11	2.66E-07	8.38E-11	2.44E-11
13	486173.61, 3854986.51	2.77E-07	8.74E-11	2.54E-11	2.73E-07	8.62E-11	2.51E-11	2.65E-07	8.37E-11	2.44E-11
14	486223.61, 3854986.51	2.73E-07	8.63E-11	2.51E-11	2.70E-07	8.51E-11	2.48E-11	2.62E-07	8.27E-11	2.40E-11
15	486273.61, 3854986.51	2.69E-07	8.48E-11	2.47E-11	2.65E-07	8.37E-11	2.43E-11	2.57E-07	8.12E-11	2.36E-11
16	486323.61, 3854986.51	2.71E-07	8.54E-11	2.48E-11	2.67E-07	8.43E-11	2.45E-11	2.59E-07	8.18E-11	2.38E-11
17	485973.61, 3855036.51	2.97E-07	9.37E-11	2.73E-11	2.93E-07	9.25E-11	2.69E-11	2.85E-07	8.98E-11	2.61E-11
18	486023.61, 3855036.51	2.93E-07	9.26E-11	2.69E-11	2.89E-07	9.14E-11	2.66E-11	2.81E-07	8.87E-11	2.58E-11
19	486073.61, 3855036.51	2.89E-07	9.11E-11	2.65E-11	2.85E-07	8.99E-11	2.62E-11	2.77E-07	8.73E-11	2.54E-11
20	486123.61, 3855036.51	2.86E-07	9.03E-11	2.63E-11	2.82E-07	8.91E-11	2.59E-11	2.74E-07	8.66E-11	2.52E-11
21	486173.61, 3855036.51	2.86E-07	9.04E-11	2.63E-11	2.83E-07	8.92E-11	2.60E-11	2.75E-07	8.66E-11	2.52E-11
22	486223.61, 3855036.51	2.82E-07	8.90E-11	2.59E-11	2.78E-07	8.78E-11	2.55E-11	2.70E-07	8.53E-11	2.48E-11
23	486273.61, 3855036.51	2.82E-07	8.91E-11	2.59E-11	2.79E-07	8.79E-11	2.56E-11	2.71E-07	8.54E-11	2.48E-11
24	486323.61, 3855036.51	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.69E-11	2.53E-11	2.67E-07	8.44E-11	2.45E-11
25	485973.61, 3855086.51	3.09E-07	9.75E-11	2.84E-11	3.05E-07	9.63E-11	2.80E-11	2.96E-07	9.35E-11	2.72E-11
26	486023.61, 3855086.51	3.06E-07	9.65E-11	2.81E-11	3.02E-07	9.53E-11	2.77E-11	2.93E-07	9.25E-11	2.69E-11
27	486073.61, 3855086.51	3.00E-07	9.47E-11	2.75E-11	2.96E-07	9.34E-11	2.72E-11	2.87E-07	9.07E-11	2.64E-11
28	486123.61, 3855086.51	2.99E-07	9.43E-11	2.74E-11	2.95E-07	9.30E-11	2.71E-11	2.86E-07	9.03E-11	2.63E-11
29	486173.61, 3855086.51	2.95E-07	9.30E-11	2.71E-11	2.91E-07	9.18E-11	2.67E-11	2.82E-07	8.92E-11	2.59E-11
30	486223.61, 3855086.51	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.81E-07	8.88E-11	2.58E-11
31	485973.61, 3855136.51	3.24E-07	1.02E-10	2.97E-11	3.20E-07	1.01E-10	2.94E-11	3.11E-07	9.80E-11	2.85E-11
32	486023.61, 3855136.51	3.18E-07	1.01E-10	2.92E-11	3.14E-07	9.92E-11	2.89E-11	3.05E-07	9.63E-11	2.80E-11
33	486073.61, 3855136.51	3.13E-07	9.89E-11	2.88E-11	3.09E-07	9.76E-11	2.84E-11	3.00E-07	9.47E-11	2.76E-11
34	486123.61, 3855136.51	3.10E-07	9.78E-11	2.84E-11	3.06E-07	9.65E-11	2.81E-11	2.97E-07	9.37E-11	2.73E-11
35	486173.61, 3855136.51	3.06E-07	9.67E-11	2.81E-11	3.02E-07	9.55E-11	2.78E-11	2.94E-07	9.27E-11	2.70E-11
36	486223.61, 3855136.51	3.04E-07	9.60E-11	2.79E-11	3.00E-07	9.47E-11	2.76E-11	2.91E-07	9.20E-11	2.68E-11
37	485973.61, 3855186.51	3.40E-07	1.07E-10	3.12E-11	3.36E-07	1.06E-10	3.08E-11	3.26E-07	1.03E-10	2.99E-11
38	486023.61, 3855186.51	3.34E-07	1.05E-10	3.07E-11	3.30E-07	1.04E-10	3.03E-11	3.20E-07	1.01E-10	2.94E-11
39	486073.61, 3855186.51	3.26E-07	1.03E-10	3.00E-11	3.22E-07	1.02E-10	2.96E-11	3.13E-07	9.87E-11	2.87E-11
40	486123.61, 3855186.51	3.20E-07	1.01E-10	2.94E-11	3.16E-07	9.97E-11	2.90E-11	3.07E-07	9.68E-11	2.82E-11
41	486173.61, 3855186.51	3.17E-07	9.99E-11	2.91E-11	3.12E-07	9.86E-11	2.87E-11	3.03E-07	9.58E-11	2.79E-11
42	486223.61, 3855186.51	3.14E-07	9.91E-11	2.88E-11	3.10E-07	9.78E-11	2.85E-11	3.01E-07	9.50E-11	2.76E-11
43	486273.61, 3855186.51	3.11E-07	9.81E-11	2.85E-11	3.07E-07	9.68E-11	2.82E-11	2.98E-07	9.40E-11	2.74E-11
44	486323.61, 3855186.51	3.15E-07	9.95E-11	2.89E-11	3.11E-07	9.82E-11	2.86E-11	3.02E-07	9.53E-11	2.77E-11
45	485973.61, 3855236.51	3.56E-07	1.12E-10	3.27E-11	3.51E-07	1.11E-10	3.23E-11	3.41E-07	1.08E-10	3.13E-11
46	486023.61, 3855236.51	3.47E-07	1.10E-10	3.19E-11	3.43E-07	1.08E-10	3.15E-11	3.33E-07	1.05E-10	3.06E-11
47	486073.61, 3855236.51	3.39E-07	1.07E-10	3.11E-11	3.34E-07	1.05E-10	3.07E-11	3.25E-07	1.02E-10	2.98E-11
48	486123.61, 3855236.51	3.33E-07	1.05E-10	3.05E-11	3.28E-07	1.04E-10	3.01E-11	3.19E-07	1.01E-10	2.93E-11
49	486173.61, 3855236.51	3.28E-07	1.04E-10	3.02E-11	3.24E-07	1.02E-10	2.98E-11	3.15E-07	9.94E-11	2.89E-11
50	486223.61, 3855236.51	3.24E-07	1.02E-10	2.98E-11	3.20E-07	1.01E-10	2.94E-11	3.11E-07	9.81E-11	2.85E-11
51	486273.61, 3855236.51	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.05E-07	9.61E-11	2.80E-11
52	486323.61, 3855236.51	3.26E-07	1.03E-10	2.99E-11	3.21E-07	1.01E-10	2.95E-11	3.12E-07	9.85E-11	2.87E-11
53	485973.61, 3855286.51	3.72E-07	1.17E-10	3.42E-11	3.67E-07	1.16E-10	3.37E-11	3.57E-07	1.13E-10	3.27E-11
54	486023.61, 3855286.51	3.62E-07	1.14E-10	3.33E-11	3.58E-07	1.13E-10	3.28E-11	3.47E-07	1.10E-10	3.19E-11
55	486073.61, 3855286.51	3.54E-07	1.12E-10	3.25E-11	3.49E-07	1.10E-10	3.21E-11	3.39E-07	1.07E-10	3.12E-11
56	486123.61, 3855286.51	3.46E-07	1.09E-10	3.17E-11	3.41E-07	1.08E-10	3.13E-11	3.31E-07	1.05E-10	3.04E-11
57	486173.61, 3855286.51	3.39E-07	1.07E-10	3.11E-11	3.35E-07	1.06E-10	3.07E-11	3.25E-07	1.03E-10	2.98E-11
58	486223.61, 3855286.51	3.36E-07	1.06E-10	3.08E-11	3.31E-07	1.05E-10	3.04E-11	3.22E-07	1.02E-10	2.95E-11
59	486123.61, 3855336.51	3.60E-07	1.13E-10	3.30E-11	3.55E-07	1.12E-10	3.26E-11	3.45E-07	1.09E-10	3.16E-11
60	486173.61, 3855336.51	3.53E-07	1.12E-10	3.24E-11	3.49E-07	1.10E-10	3.20E-11	3.39E-07	1.07E-10	3.11E-11
61	486223.61, 3855336.51	3.48E-07	1.10E-10	3.19E-11	3.43E-07	1.08E-10	3.15E-11	3.33E-07	1.05E-10	3.06E-11
62	486123.61, 3855386.51	3.75E-07	1.18E-10	3.45E-11	3.70E-07	1.17E-10	3.40E-11	3.60E-07	1.14E-10	3.30E-11
63	486173.61, 3855386.51	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.33E-11	3.53E-07	1.11E-10	3.24E-11
64	486223.61, 3855386.51	3.62E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.28E-11	3.47E-07	1.10E-10	3.19E-11
65	486533.18, 3855443.15	3.63E-07	1.15E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11

66	486583.18, 3855443.15	3.60E-07	1.14E-10	3.31E-11	3.55E-07	1.12E-10	3.26E-11	3.45E-07	1.09E-10	3.17E-11
67	486633.18, 3855443.15	3.57E-07	1.13E-10	3.28E-11	3.52E-07	1.11E-10	3.24E-11	3.42E-07	1.08E-10	3.14E-11
68	486683.18, 3855443.15	3.57E-07	1.13E-10	3.27E-11	3.52E-07	1.11E-10	3.23E-11	3.42E-07	1.08E-10	3.14E-11
69	486533.18, 3855493.15	3.75E-07	1.18E-10	3.44E-11	3.70E-07	1.17E-10	3.40E-11	3.59E-07	1.13E-10	3.30E-11
70	486583.18, 3855493.15	3.73E-07	1.18E-10	3.42E-11	3.68E-07	1.16E-10	3.38E-11	3.57E-07	1.13E-10	3.28E-11
71	486633.18, 3855493.15	3.70E-07	1.17E-10	3.40E-11	3.65E-07	1.15E-10	3.35E-11	3.55E-07	1.12E-10	3.26E-11
72	486683.18, 3855493.15	3.68E-07	1.16E-10	3.37E-11	3.63E-07	1.15E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
73	486533.18, 3855543.15	3.89E-07	1.23E-10	3.57E-11	3.84E-07	1.21E-10	3.52E-11	3.72E-07	1.18E-10	3.42E-11
74	486583.18, 3855543.15	3.84E-07	1.21E-10	3.53E-11	3.79E-07	1.20E-10	3.48E-11	3.68E-07	1.16E-10	3.38E-11
75	486633.18, 3855543.15	3.82E-07	1.21E-10	3.51E-11	3.77E-07	1.19E-10	3.46E-11	3.66E-07	1.16E-10	3.36E-11
76	486683.18, 3855543.15	3.77E-07	1.19E-10	3.46E-11	3.72E-07	1.17E-10	3.41E-11	3.61E-07	1.14E-10	3.31E-11
77	486533.18, 3855593.15	4.01E-07	1.27E-10	3.68E-11	3.96E-07	1.25E-10	3.64E-11	3.85E-07	1.21E-10	3.53E-11
78	486583.18, 3855593.15	3.97E-07	1.25E-10	3.65E-11	3.92E-07	1.24E-10	3.60E-11	3.81E-07	1.20E-10	3.50E-11
79	486633.18, 3855593.15	3.94E-07	1.24E-10	3.62E-11	3.89E-07	1.23E-10	3.57E-11	3.78E-07	1.19E-10	3.47E-11
80	486683.18, 3855593.15	3.93E-07	1.24E-10	3.60E-11	3.87E-07	1.22E-10	3.56E-11	3.76E-07	1.19E-10	3.45E-11
81	486533.18, 3855643.15	4.15E-07	1.31E-10	3.81E-11	4.10E-07	1.29E-10	3.76E-11	3.98E-07	1.26E-10	3.65E-11
82	486583.18, 3855643.15	4.12E-07	1.30E-10	3.78E-11	4.06E-07	1.28E-10	3.73E-11	3.94E-07	1.25E-10	3.62E-11
83	486633.18, 3855643.15	4.08E-07	1.29E-10	3.75E-11	4.03E-07	1.27E-10	3.70E-11	3.91E-07	1.24E-10	3.59E-11
84	486683.18, 3855643.15	4.06E-07	1.28E-10	3.73E-11	4.00E-07	1.26E-10	3.68E-11	3.89E-07	1.23E-10	3.57E-11
85	486533.18, 3855693.15	4.32E-07	1.36E-10	3.96E-11	4.26E-07	1.34E-10	3.91E-11	4.14E-07	1.31E-10	3.80E-11
86	486583.18, 3855693.15	4.25E-07	1.34E-10	3.90E-11	4.19E-07	1.32E-10	3.85E-11	4.07E-07	1.28E-10	3.74E-11
87	486633.18, 3855693.15	4.18E-07	1.32E-10	3.84E-11	4.13E-07	1.30E-10	3.79E-11	4.01E-07	1.27E-10	3.68E-11
88	486683.18, 3855693.15	4.19E-07	1.32E-10	3.85E-11	4.14E-07	1.31E-10	3.80E-11	4.02E-07	1.27E-10	3.69E-11
89	486733.18, 3855693.15	4.23E-07	1.33E-10	3.88E-11	4.17E-07	1.32E-10	3.83E-11	4.05E-07	1.28E-10	3.72E-11
90	486783.18, 3855693.15	4.28E-07	1.35E-10	3.93E-11	4.23E-07	1.33E-10	3.88E-11	4.10E-07	1.30E-10	3.77E-11
91	486533.18, 3855743.15	4.47E-07	1.41E-10	4.11E-11	4.42E-07	1.39E-10	4.05E-11	4.29E-07	1.35E-10	3.94E-11
92	486583.18, 3855743.15	4.37E-07	1.38E-10	4.01E-11	4.31E-07	1.36E-10	3.96E-11	4.19E-07	1.32E-10	3.85E-11
93	486633.18, 3855743.15	4.32E-07	1.36E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.14E-07	1.31E-10	3.80E-11
94	486683.18, 3855743.15	4.35E-07	1.37E-10	4.00E-11	4.30E-07	1.36E-10	3.94E-11	4.17E-07	1.32E-10	3.83E-11
95	486733.18, 3855743.15	4.36E-07	1.38E-10	4.00E-11	4.30E-07	1.36E-10	3.95E-11	4.18E-07	1.32E-10	3.83E-11
96	486783.18, 3855743.15	4.43E-07	1.40E-10	4.07E-11	4.38E-07	1.38E-10	4.02E-11	4.25E-07	1.34E-10	3.90E-11
97	486533.18, 3855793.15	4.65E-07	1.47E-10	4.27E-11	4.59E-07	1.45E-10	4.21E-11	4.46E-07	1.41E-10	4.09E-11
98	486583.18, 3855793.15	4.49E-07	1.42E-10	4.12E-11	4.43E-07	1.40E-10	4.07E-11	4.30E-07	1.36E-10	3.95E-11
99	486633.18, 3855793.15	4.50E-07	1.42E-10	4.13E-11	4.44E-07	1.40E-10	4.08E-11	4.32E-07	1.36E-10	3.96E-11
100	486683.18, 3855793.15	4.53E-07	1.43E-10	4.16E-11	4.47E-07	1.41E-10	4.11E-11	4.34E-07	1.37E-10	3.99E-11
101	486733.18, 3855793.15	4.55E-07	1.44E-10	4.18E-11	4.49E-07	1.42E-10	4.12E-11	4.36E-07	1.38E-10	4.00E-11
102	486783.18, 3855793.15	4.58E-07	1.44E-10	4.20E-11	4.52E-07	1.43E-10	4.15E-11	4.39E-07	1.38E-10	4.03E-11
103	486533.18, 3855843.15	4.80E-07	1.51E-10	4.41E-11	4.74E-07	1.49E-10	4.35E-11	4.60E-07	1.45E-10	4.22E-11
104	486583.18, 3855843.15	4.67E-07	1.47E-10	4.29E-11	4.61E-07	1.45E-10	4.23E-11	4.48E-07	1.41E-10	4.11E-11
105	486633.18, 3855843.15	4.68E-07	1.48E-10	4.29E-11	4.61E-07	1.46E-10	4.24E-11	4.48E-07	1.41E-10	4.11E-11
106	486683.18, 3855843.15	4.70E-07	1.48E-10	4.31E-11	4.63E-07	1.46E-10	4.25E-11	4.50E-07	1.42E-10	4.13E-11
107	486733.18, 3855843.15	4.72E-07	1.49E-10	4.34E-11	4.66E-07	1.47E-10	4.28E-11	4.53E-07	1.43E-10	4.16E-11
108	486783.18, 3855843.15	4.75E-07	1.50E-10	4.36E-11	4.69E-07	1.48E-10	4.30E-11	4.55E-07	1.44E-10	4.18E-11
109	486533.18, 3855893.15	4.90E-07	1.55E-10	4.50E-11	4.84E-07	1.53E-10	4.44E-11	4.70E-07	1.48E-10	4.32E-11
110	486583.18, 3855893.15	4.88E-07	1.54E-10	4.48E-11	4.82E-07	1.52E-10	4.42E-11	4.68E-07	1.48E-10	4.29E-11
111	486633.18, 3855893.15	4.86E-07	1.53E-10	4.46E-11	4.80E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.28E-11
112	486683.18, 3855893.15	4.87E-07	1.54E-10	4.47E-11	4.81E-07	1.52E-10	4.41E-11	4.67E-07	1.47E-10	4.28E-11
113	486733.18, 3855893.15	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
114	486783.18, 3855893.15	4.93E-07	1.56E-10	4.53E-11	4.87E-07	1.54E-10	4.47E-11	4.73E-07	1.49E-10	4.34E-11
115	486533.18, 3855943.15	5.09E-07	1.61E-10	4.67E-11	5.02E-07	1.58E-10	4.61E-11	4.88E-07	1.54E-10	4.48E-11
116	486583.18, 3855943.15	5.10E-07	1.61E-10	4.68E-11	5.04E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
117	486633.18, 3855943.15	5.06E-07	1.60E-10	4.65E-11	4.99E-07	1.58E-10	4.59E-11	4.85E-07	1.53E-10	4.45E-11
118	486683.18, 3855943.15	5.07E-07	1.60E-10	4.66E-11	5.01E-07	1.58E-10	4.60E-11	4.86E-07	1.53E-10	4.46E-11
119	486733.18, 3855943.15	5.07E-07	1.60E-10	4.65E-11	5.00E-07	1.58E-10	4.59E-11	4.86E-07	1.53E-10	4.46E-11
120	486783.18, 3855943.15	5.11E-07	1.61E-10	4.70E-11	5.05E-07	1.59E-10	4.63E-11	4.90E-07	1.55E-10	4.50E-11
121	486533.18, 3855993.15	5.31E-07	1.68E-10	4.87E-11	5.24E-07	1.65E-10	4.81E-11	5.09E-07	1.61E-10	4.67E-11
122	486583.18, 3855993.15	5.30E-07	1.67E-10	4.86E-11	5.23E-07	1.65E-10	4.80E-11	5.08E-07	1.60E-10	4.66E-11
123	486633.18, 3855993.15	5.28E-07	1.67E-10	4.84E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.64E-11
124	486683.18, 3855993.15	5.28E-07	1.67E-10	4.84E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.64E-11
125	486733.18, 3855993.15	5.27E-07	1.66E-10	4.84E-11	5.20E-07	1.64E-10	4.77E-11	5.05E-07	1.59E-10	4.64E-11
126	486783.18, 3855993.15	5.29E-07	1.67E-10	4.86E-11	5.22E-07	1.65E-10	4.79E-11	5.07E-07	1.60E-10	4.65E-11
127	486533.18, 3856043.15	5.51E-07	1.74E-10	5.06E-11	5.44E-07	1.72E-10	5.00E-11	5.28E-07	1.67E-10	4.85E-11
128	486583.18, 3856043.15	5.53E-07	1.74E-10	5.08E-11	5.46E-07	1.72E-10	5.01E-11	5.30E-07	1.67E-10	4.86E-11
129	486633.18, 3856043.15	5.50E-07	1.74E-10	5.05E-11	5.43E-07	1.71E-10	4.98E-11	5.27E-07	1.66E-10	4.84E-11
130	486683.18, 3856043.15	5.50E-07	1.74E-10	5.05E-11	5.43E-07	1.71E-10	4.99E-11	5.27E-07	1.66E-10	4.84E-11
131	486733.18, 3856043.15	5.48E-07	1.73E-10	5.03E-11	5.40E-07	1.71E-10	4.96E-11	5.25E-07	1.66E-10	4.82E-11
132	486783.18, 3856043.15	5.51E-07	1.74E-10	5.05E-11	5.43E-07	1.72E-10	4.99E-11	5.28E-07	1.67E-10	4.84E-11
133	486533.18, 3856093.15	5.74E-07	1.81E-10	5.27E-11	5.66E-07	1.79E-10	5.20E-11	5.50E-07	1.74E-10	5.05E-11
134	486583.18, 3856093.15	5.74E-07	1.81E-10	5.27E-11	5.67E-07	1.79E-10	5.20E-11	5.51E-07	1.74E-10	5.05E-11

135	486633.18, 3856093.15	5.73E-07	1.81E-10	5.26E-11	5.66E-07	1.79E-10	5.19E-11	5.49E-07	1.73E-10	5.04E-11
136	486683.18, 3856093.15	5.73E-07	1.81E-10	5.26E-11	5.66E-07	1.79E-10	5.19E-11	5.49E-07	1.73E-10	5.04E-11
137	486733.18, 3856093.15	5.71E-07	1.80E-10	5.24E-11	5.63E-07	1.78E-10	5.17E-11	5.47E-07	1.73E-10	5.02E-11
138	486783.18, 3856093.15	5.72E-07	1.80E-10	5.25E-11	5.64E-07	1.78E-10	5.18E-11	5.48E-07	1.73E-10	5.03E-11
139	486533.18, 3856143.15	5.94E-07	1.87E-10	5.45E-11	5.86E-07	1.85E-10	5.38E-11	5.69E-07	1.80E-10	5.23E-11
140	486583.18, 3856143.15	5.94E-07	1.87E-10	5.45E-11	5.86E-07	1.85E-10	5.38E-11	5.69E-07	1.80E-10	5.23E-11
141	486633.18, 3856143.15	5.96E-07	1.88E-10	5.47E-11	5.88E-07	1.86E-10	5.40E-11	5.71E-07	1.80E-10	5.25E-11
142	486683.18, 3856143.15	5.96E-07	1.88E-10	5.47E-11	5.88E-07	1.86E-10	5.40E-11	5.71E-07	1.80E-10	5.24E-11
143	486733.18, 3856143.15	5.95E-07	1.88E-10	5.46E-11	5.87E-07	1.85E-10	5.39E-11	5.70E-07	1.80E-10	5.23E-11
144	486783.18, 3856143.15	5.97E-07	1.89E-10	5.48E-11	5.90E-07	1.86E-10	5.41E-11	5.72E-07	1.81E-10	5.26E-11
145	486533.18, 3856193.15	6.15E-07	1.94E-10	5.65E-11	6.07E-07	1.92E-10	5.57E-11	5.90E-07	1.86E-10	5.41E-11
146	486583.18, 3856193.15	6.15E-07	1.94E-10	5.65E-11	6.07E-07	1.92E-10	5.57E-11	5.90E-07	1.86E-10	5.41E-11
147	486633.18, 3856193.15	6.18E-07	1.95E-10	5.68E-11	6.10E-07	1.93E-10	5.60E-11	5.93E-07	1.87E-10	5.44E-11
148	486683.18, 3856193.15	6.22E-07	1.96E-10	5.71E-11	6.14E-07	1.94E-10	5.64E-11	5.97E-07	1.88E-10	5.48E-11
149	486733.18, 3856193.15	6.21E-07	1.96E-10	5.70E-11	6.13E-07	1.93E-10	5.63E-11	5.95E-07	1.88E-10	5.46E-11
150	486783.18, 3856193.15	6.23E-07	1.97E-10	5.72E-11	6.15E-07	1.94E-10	5.65E-11	5.97E-07	1.89E-10	5.48E-11
151	486533.18, 3856243.15	6.33E-07	2.00E-10	5.81E-11	6.25E-07	1.97E-10	5.74E-11	6.07E-07	1.92E-10	5.57E-11
152	486583.18, 3856243.15	6.38E-07	2.01E-10	5.86E-11	6.30E-07	1.99E-10	5.78E-11	6.12E-07	1.93E-10	5.62E-11
153	486633.18, 3856243.15	6.42E-07	2.02E-10	5.89E-11	6.33E-07	2.00E-10	5.81E-11	6.15E-07	1.94E-10	5.64E-11
154	486683.18, 3856243.15	6.45E-07	2.04E-10	5.92E-11	6.37E-07	2.01E-10	5.85E-11	6.18E-07	1.95E-10	5.68E-11
155	486733.18, 3856243.15	6.49E-07	2.05E-10	5.95E-11	6.40E-07	2.02E-10	5.88E-11	6.22E-07	1.96E-10	5.71E-11
156	486783.18, 3856243.15	6.49E-07	2.05E-10	5.95E-11	6.40E-07	2.02E-10	5.88E-11	6.22E-07	1.96E-10	5.71E-11
157	486533.18, 3856293.15	6.50E-07	2.05E-10	5.97E-11	6.41E-07	2.02E-10	5.89E-11	6.23E-07	1.97E-10	5.72E-11
158	486583.18, 3856293.15	6.57E-07	2.07E-10	6.04E-11	6.49E-07	2.05E-10	5.96E-11	6.30E-07	1.99E-10	5.78E-11
159	486633.18, 3856293.15	6.64E-07	2.10E-10	6.10E-11	6.55E-07	2.07E-10	6.02E-11	6.36E-07	2.01E-10	5.84E-11
160	486683.18, 3856293.15	6.69E-07	2.11E-10	6.14E-11	6.60E-07	2.08E-10	6.06E-11	6.41E-07	2.02E-10	5.89E-11
161	486733.18, 3856293.15	6.75E-07	2.13E-10	6.20E-11	6.66E-07	2.10E-10	6.12E-11	6.47E-07	2.04E-10	5.94E-11
162	486783.18, 3856293.15	6.76E-07	2.13E-10	6.21E-11	6.67E-07	2.11E-10	6.13E-11	6.48E-07	2.05E-10	5.95E-11
163	486783.18, 3856343.15	7.07E-07	2.23E-10	6.49E-11	6.97E-07	2.20E-10	6.40E-11	6.77E-07	2.14E-10	6.22E-11
164	486833.18, 3856343.15	7.09E-07	2.24E-10	6.51E-11	7.00E-07	2.21E-10	6.42E-11	6.80E-07	2.14E-10	6.24E-11
165	486883.18, 3856343.15	7.10E-07	2.24E-10	6.52E-11	7.01E-07	2.21E-10	6.44E-11	6.81E-07	2.15E-10	6.25E-11
166	486783.18, 3856393.15	7.32E-07	2.31E-10	6.72E-11	7.22E-07	2.28E-10	6.63E-11	7.02E-07	2.21E-10	6.44E-11
167	486833.18, 3856393.15	7.37E-07	2.33E-10	6.77E-11	7.27E-07	2.30E-10	6.68E-11	7.06E-07	2.23E-10	6.49E-11
168	486883.18, 3856393.15	7.37E-07	2.33E-10	6.77E-11	7.28E-07	2.30E-10	6.68E-11	7.07E-07	2.23E-10	6.49E-11
169	487208.74, 3856886.11	1.14E-06	3.60E-10	1.05E-10	1.12E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
170	487258.74, 3856886.11	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
171	487308.74, 3856886.11	1.15E-06	3.63E-10	1.06E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
172	487358.74, 3856886.11	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
173	487208.74, 3856936.11	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
174	487258.74, 3856936.11	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.08E-10	1.15E-06	3.62E-10	1.05E-10
175	487308.74, 3856936.11	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
176	487358.74, 3856936.11	1.21E-06	3.82E-10	1.11E-10	1.19E-06	3.77E-10	1.10E-10	1.16E-06	3.66E-10	1.06E-10
177	487208.74, 3856986.11	1.21E-06	3.82E-10	1.11E-10	1.20E-06	3.77E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
178	487258.74, 3856986.11	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.76E-10	1.10E-10
179	487308.74, 3856986.11	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
180	487358.74, 3856986.11	1.27E-06	4.02E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
181	487208.74, 3857036.11	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.84E-10	1.12E-10	1.18E-06	3.73E-10	1.08E-10
182	487258.74, 3857036.11	1.28E-06	4.03E-10	1.17E-10	1.26E-06	3.98E-10	1.16E-10	1.22E-06	3.86E-10	1.12E-10
183	487308.74, 3857036.11	1.31E-06	4.14E-10	1.20E-10	1.30E-06	4.09E-10	1.19E-10	1.26E-06	3.97E-10	1.15E-10
184	487358.74, 3857036.11	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
185	487427.14, 3856878.23	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.56E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
186	487477.14, 3856878.23	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
187	487527.14, 3856878.23	1.15E-06	3.63E-10	1.06E-10	1.14E-06	3.59E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
188	487427.14, 3856928.23	1.20E-06	3.79E-10	1.10E-10	1.18E-06	3.74E-10	1.09E-10	1.15E-06	3.63E-10	1.06E-10
189	487477.14, 3856928.23	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.74E-10	1.09E-10	1.15E-06	3.63E-10	1.06E-10
190	487527.14, 3856928.23	1.20E-06	3.80E-10	1.10E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
191	487577.14, 3856928.23	1.21E-06	3.82E-10	1.11E-10	1.19E-06	3.77E-10	1.10E-10	1.16E-06	3.66E-10	1.07E-10
192	487627.14, 3856928.23	1.22E-06	3.85E-10	1.12E-10	1.20E-06	3.80E-10	1.10E-10	1.17E-06	3.69E-10	1.07E-10
193	487677.14, 3856928.23	1.23E-06	3.90E-10	1.13E-10	1.22E-06	3.85E-10	1.12E-10	1.18E-06	3.73E-10	1.09E-10
194	487727.14, 3856928.23	1.25E-06	3.95E-10	1.15E-10	1.24E-06	3.90E-10	1.13E-10	1.20E-06	3.79E-10	1.10E-10
195	487777.14, 3856928.23	1.26E-06	3.99E-10	1.16E-10	1.25E-06	3.94E-10	1.15E-10	1.21E-06	3.82E-10	1.11E-10
196	487427.14, 3856978.23	1.26E-06	3.98E-10	1.16E-10	1.25E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
197	487477.14, 3856978.23	1.26E-06	3.98E-10	1.16E-10	1.25E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
198	487527.14, 3856978.23	1.26E-06	3.99E-10	1.16E-10	1.25E-06	3.94E-10	1.15E-10	1.21E-06	3.82E-10	1.11E-10
199	487577.14, 3856978.23	1.27E-06	4.00E-10	1.16E-10	1.25E-06	3.95E-10	1.15E-10	1.21E-06	3.83E-10	1.12E-10
200	487627.14, 3856978.23	1.27E-06	4.02E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
201	487677.14, 3856978.23	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.01E-10	1.17E-10	1.23E-06	3.89E-10	1.13E-10
202	487727.14, 3856978.23	1.29E-06	4.08E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.91E-10	1.14E-10
203	487777.14, 3856978.23	1.32E-06	4.17E-10	1.21E-10	1.30E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10

204	487427.14, 3857028.23	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
205	487477.14, 3857028.23	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
206	487527.14, 3857028.23	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.14E-10	1.20E-10	1.27E-06	4.02E-10	1.17E-10
207	487577.14, 3857028.23	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
208	487627.14, 3857028.23	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.15E-10	1.21E-10	1.28E-06	4.03E-10	1.17E-10
209	487677.14, 3857028.23	1.34E-06	4.24E-10	1.23E-10	1.33E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
210	487727.14, 3857028.23	1.36E-06	4.30E-10	1.25E-10	1.34E-06	4.24E-10	1.23E-10	1.31E-06	4.12E-10	1.20E-10
211	487777.14, 3857028.23	1.38E-06	4.35E-10	1.27E-10	1.36E-06	4.30E-10	1.25E-10	1.32E-06	4.17E-10	1.21E-10
212	487427.14, 3857078.23	1.40E-06	4.43E-10	1.29E-10	1.39E-06	4.37E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
213	487477.14, 3857078.23	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.26E-10	1.24E-10
214	487527.14, 3857078.23	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
215	487577.14, 3857078.23	1.40E-06	4.43E-10	1.29E-10	1.38E-06	4.37E-10	1.27E-10	1.34E-06	4.24E-10	1.23E-10
216	487627.14, 3857078.23	1.40E-06	4.43E-10	1.29E-10	1.38E-06	4.37E-10	1.27E-10	1.34E-06	4.24E-10	1.23E-10
217	487677.14, 3857078.23	1.41E-06	4.45E-10	1.29E-10	1.39E-06	4.39E-10	1.28E-10	1.35E-06	4.26E-10	1.24E-10
218	487727.14, 3857078.23	1.42E-06	4.50E-10	1.31E-10	1.41E-06	4.44E-10	1.29E-10	1.37E-06	4.31E-10	1.25E-10
219	487777.14, 3857078.23	1.44E-06	4.54E-10	1.32E-10	1.42E-06	4.48E-10	1.30E-10	1.38E-06	4.35E-10	1.27E-10
220	487427.14, 3857128.23	1.47E-06	4.64E-10	1.35E-10	1.45E-06	4.58E-10	1.33E-10	1.41E-06	4.45E-10	1.29E-10
221	487477.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.49E-10	1.31E-10
222	487527.14, 3857128.23	1.48E-06	4.69E-10	1.36E-10	1.47E-06	4.63E-10	1.35E-10	1.42E-06	4.49E-10	1.31E-10
223	487577.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
224	487627.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
225	487677.14, 3857128.23	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
226	487727.14, 3857128.23	1.50E-06	4.72E-10	1.37E-10	1.48E-06	4.66E-10	1.36E-10	1.43E-06	4.53E-10	1.32E-10
227	487777.14, 3857128.23	1.51E-06	4.76E-10	1.38E-10	1.49E-06	4.70E-10	1.37E-10	1.45E-06	4.56E-10	1.33E-10
228	488049.44, 3856539.39	9.99E-07	3.15E-10	9.17E-11	9.86E-07	3.11E-10	9.05E-11	9.57E-07	3.02E-10	8.79E-11
229	488099.44, 3856539.39	1.00E-06	3.17E-10	9.22E-11	9.91E-07	3.13E-10	9.10E-11	9.62E-07	3.04E-10	8.84E-11
230	488149.44, 3856539.39	1.01E-06	3.20E-10	9.30E-11	1.00E-06	3.16E-10	9.18E-11	9.71E-07	3.06E-10	8.91E-11
231	488049.44, 3856589.39	1.04E-06	3.28E-10	9.53E-11	1.02E-06	3.23E-10	9.41E-11	9.95E-07	3.14E-10	9.14E-11
232	488099.44, 3856589.39	1.04E-06	3.30E-10	9.59E-11	1.03E-06	3.26E-10	9.47E-11	1.00E-06	3.16E-10	9.19E-11
233	488149.44, 3856589.39	1.05E-06	3.32E-10	9.66E-11	1.04E-06	3.28E-10	9.54E-11	1.01E-06	3.18E-10	9.26E-11
234	488199.44, 3856589.39	1.06E-06	3.34E-10	9.72E-11	1.04E-06	3.30E-10	9.59E-11	1.01E-06	3.20E-10	9.31E-11
235	488249.44, 3856589.39	1.07E-06	3.39E-10	9.86E-11	1.06E-06	3.35E-10	9.73E-11	1.03E-06	3.25E-10	9.45E-11
236	488049.44, 3856639.39	1.08E-06	3.41E-10	9.91E-11	1.06E-06	3.36E-10	9.78E-11	1.03E-06	3.26E-10	9.49E-11
237	488099.44, 3856639.39	1.09E-06	3.43E-10	9.97E-11	1.07E-06	3.38E-10	9.84E-11	1.04E-06	3.28E-10	9.55E-11
238	488149.44, 3856639.39	1.09E-06	3.45E-10	1.00E-10	1.08E-06	3.41E-10	9.91E-11	1.05E-06	3.31E-10	9.62E-11
239	488199.44, 3856639.39	1.10E-06	3.48E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.71E-11
240	488249.44, 3856639.39	1.11E-06	3.52E-10	1.02E-10	1.10E-06	3.47E-10	1.01E-10	1.07E-06	3.37E-10	9.80E-11
241	488299.44, 3856639.39	1.12E-06	3.55E-10	1.03E-10	1.11E-06	3.50E-10	1.02E-10	1.08E-06	3.40E-10	9.89E-11
242	488349.44, 3856639.39	1.13E-06	3.58E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.97E-11
243	488399.44, 3856639.39	1.15E-06	3.63E-10	1.05E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
244	488099.44, 3856689.39	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.52E-10	1.02E-10	1.08E-06	3.42E-10	9.95E-11
245	488149.44, 3856689.39	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
246	488199.44, 3856689.39	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
247	488249.44, 3856689.39	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
248	488299.44, 3856689.39	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.54E-10	1.03E-10
249	488349.44, 3856689.39	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
250	488399.44, 3856689.39	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
251	488099.44, 3856739.39	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
252	488149.44, 3856739.39	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.14E-06	3.58E-10	1.04E-10
253	488199.44, 3856739.39	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.08E-10	1.15E-06	3.62E-10	1.05E-10
254	488249.44, 3856739.39	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
255	488299.44, 3856739.39	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
256	488349.44, 3856739.39	1.22E-06	3.87E-10	1.12E-10	1.21E-06	3.81E-10	1.11E-10	1.17E-06	3.70E-10	1.08E-10
257	488399.44, 3856739.39	1.24E-06	3.92E-10	1.14E-10	1.23E-06	3.87E-10	1.13E-10	1.19E-06	3.76E-10	1.09E-10
258	487999.44, 3856789.39	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.09E-10	1.15E-06	3.63E-10	1.05E-10
259	488049.44, 3856789.39	1.21E-06	3.82E-10	1.11E-10	1.19E-06	3.77E-10	1.10E-10	1.16E-06	3.66E-10	1.06E-10
260	488099.44, 3856789.39	1.23E-06	3.87E-10	1.12E-10	1.21E-06	3.82E-10	1.11E-10	1.17E-06	3.71E-10	1.08E-10
261	488149.44, 3856789.39	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.84E-10	1.12E-10	1.18E-06	3.73E-10	1.09E-10
262	488199.44, 3856789.39	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.76E-10	1.09E-10
263	488249.44, 3856789.39	1.25E-06	3.95E-10	1.15E-10	1.24E-06	3.90E-10	1.13E-10	1.20E-06	3.79E-10	1.10E-10
264	488299.44, 3856789.39	1.26E-06	3.97E-10	1.15E-10	1.24E-06	3.92E-10	1.14E-10	1.20E-06	3.80E-10	1.11E-10
265	488349.44, 3856789.39	1.28E-06	4.03E-10	1.17E-10	1.26E-06	3.97E-10	1.16E-10	1.22E-06	3.86E-10	1.12E-10
266	488399.44, 3856789.39	1.29E-06	4.08E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.91E-10	1.14E-10
267	487949.44, 3856839.39	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.83E-10	1.12E-10	1.18E-06	3.72E-10	1.08E-10
268	487999.44, 3856839.39	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.77E-10	1.10E-10
269	488049.44, 3856839.39	1.26E-06	3.97E-10	1.15E-10	1.24E-06	3.92E-10	1.14E-10	1.21E-06	3.80E-10	1.11E-10
270	488099.44, 3856839.39	1.27E-06	4.01E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
271	488149.44, 3856839.39	1.28E-06	4.05E-10	1.18E-10	1.27E-06	4.00E-10	1.16E-10	1.23E-06	3.89E-10	1.13E-10
272	488199.44, 3856839.39	1.30E-06	4.09E-10	1.19E-10	1.28E-06	4.04E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10

273	487949.44, 3856889.39	1.28E-06	4.03E-10	1.17E-10	1.26E-06	3.98E-10	1.16E-10	1.22E-06	3.86E-10	1.12E-10
274	487999.44, 3856889.39	1.30E-06	4.09E-10	1.19E-10	1.28E-06	4.04E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10
275	488049.44, 3856889.39	1.31E-06	4.12E-10	1.20E-10	1.29E-06	4.07E-10	1.18E-10	1.25E-06	3.95E-10	1.15E-10
276	488099.44, 3856889.39	1.32E-06	4.18E-10	1.22E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
277	488635.86, 3857895.05	8.51E-06	2.69E-09	7.81E-10	8.40E-06	2.65E-09	7.71E-10	8.16E-06	2.57E-09	7.49E-10
278	489137.64, 3857804.15	7.03E-06	2.22E-09	6.45E-10	6.94E-06	2.19E-09	6.37E-10	6.74E-06	2.13E-09	6.18E-10
279	488617.32, 3857859.41	6.90E-06	2.18E-09	6.34E-10	6.81E-06	2.15E-09	6.25E-10	6.62E-06	2.09E-09	6.07E-10
280	488667.32, 3857859.41	7.18E-06	2.27E-09	6.59E-10	7.09E-06	2.24E-09	6.51E-10	6.88E-06	2.17E-09	6.32E-10
281	488717.32, 3857859.41	7.42E-06	2.34E-09	6.82E-10	7.33E-06	2.31E-09	6.73E-10	7.12E-06	2.25E-09	6.53E-10
282	488767.32, 3857859.41	7.67E-06	2.42E-09	7.04E-10	7.57E-06	2.39E-09	6.95E-10	7.35E-06	2.32E-09	6.75E-10
283	488617.32, 3857909.41	9.17E-06	2.89E-09	8.42E-10	9.05E-06	2.86E-09	8.31E-10	8.79E-06	2.77E-09	8.07E-10
284	488667.32, 3857909.41	9.45E-06	2.98E-09	8.68E-10	9.33E-06	2.94E-09	8.57E-10	9.06E-06	2.86E-09	8.32E-10
285	488717.32, 3857909.41	9.64E-06	3.04E-09	8.85E-10	9.51E-06	3.00E-09	8.73E-10	9.24E-06	2.92E-09	8.48E-10
286	488767.32, 3857909.41	9.77E-06	3.08E-09	8.97E-10	9.64E-06	3.04E-09	8.85E-10	9.36E-06	2.96E-09	8.60E-10
287	488417.32, 3857959.41	1.10E-05	3.48E-09	1.01E-09	1.09E-05	3.43E-09	9.98E-10	1.06E-05	3.33E-09	9.69E-10
288	488467.32, 3857959.41	1.18E-05	3.71E-09	1.08E-09	1.16E-05	3.66E-09	1.06E-09	1.13E-05	3.56E-09	1.03E-09
289	488517.32, 3857959.41	1.24E-05	3.92E-09	1.14E-09	1.23E-05	3.87E-09	1.12E-09	1.19E-05	3.76E-09	1.09E-09
290	488567.32, 3857959.41	1.28E-05	4.04E-09	1.18E-09	1.26E-05	3.99E-09	1.16E-09	1.23E-05	3.88E-09	1.13E-09
291	488617.32, 3857959.41	1.30E-05	4.10E-09	1.19E-09	1.28E-05	4.04E-09	1.18E-09	1.24E-05	3.93E-09	1.14E-09
292	488667.32, 3857959.41	1.30E-05	4.10E-09	1.19E-09	1.28E-05	4.04E-09	1.18E-09	1.24E-05	3.93E-09	1.14E-09
293	488717.32, 3857959.41	1.29E-05	4.06E-09	1.18E-09	1.27E-05	4.01E-09	1.17E-09	1.23E-05	3.89E-09	1.13E-09
294	488767.32, 3857959.41	1.27E-05	4.01E-09	1.17E-09	1.25E-05	3.96E-09	1.15E-09	1.22E-05	3.85E-09	1.12E-09
295	488417.32, 3858009.41	2.08E-05	6.58E-09	1.91E-09	2.06E-05	6.49E-09	1.89E-09	2.00E-05	6.31E-09	1.83E-09
296	488467.32, 3858009.41	2.12E-05	6.69E-09	1.95E-09	2.09E-05	6.60E-09	1.92E-09	2.03E-05	6.41E-09	1.87E-09
297	488517.32, 3858009.41	2.07E-05	6.55E-09	1.90E-09	2.05E-05	6.46E-09	1.88E-09	1.99E-05	6.27E-09	1.82E-09
298	488567.32, 3858009.41	1.99E-05	6.29E-09	1.83E-09	1.97E-05	6.21E-09	1.80E-09	1.91E-05	6.03E-09	1.75E-09
299	488617.32, 3858009.41	1.90E-05	6.01E-09	1.75E-09	1.88E-05	5.93E-09	1.72E-09	1.82E-05	5.76E-09	1.67E-09
300	488667.32, 3858009.41	1.82E-05	5.73E-09	1.67E-09	1.79E-05	5.65E-09	1.64E-09	1.74E-05	5.49E-09	1.60E-09
301	488717.32, 3858009.41	1.73E-05	5.46E-09	1.59E-09	1.71E-05	5.39E-09	1.57E-09	1.66E-05	5.24E-09	1.52E-09
302	488767.32, 3858009.41	1.66E-05	5.23E-09	1.52E-09	1.63E-05	5.16E-09	1.50E-09	1.59E-05	5.01E-09	1.46E-09
303	488417.32, 3858059.41	4.91E-05	1.55E-08	4.50E-09	4.84E-05	1.53E-08	4.45E-09	4.70E-05	1.48E-08	4.32E-09
304	488467.32, 3858059.41	4.05E-05	1.28E-08	3.71E-09	3.99E-05	1.26E-08	3.67E-09	3.88E-05	1.22E-08	3.56E-09
305	488517.32, 3858059.41	3.46E-05	1.09E-08	3.18E-09	3.41E-05	1.08E-08	3.13E-09	3.31E-05	1.05E-08	3.04E-09
306	488567.32, 3858059.41	3.03E-05	9.57E-09	2.78E-09	2.99E-05	9.44E-09	2.75E-09	2.91E-05	9.17E-09	2.67E-09
307	488617.32, 3858059.41	2.71E-05	8.55E-09	2.49E-09	2.67E-05	8.44E-09	2.46E-09	2.60E-05	8.20E-09	2.38E-09
308	488667.32, 3858059.41	2.46E-05	7.77E-09	2.26E-09	2.43E-05	7.67E-09	2.23E-09	2.36E-05	7.45E-09	2.17E-09
309	488417.32, 3858109.41	8.92E-05	2.81E-08	8.19E-09	8.80E-05	2.78E-08	8.08E-09	8.55E-05	2.70E-08	7.85E-09
310	488467.32, 3858109.41	6.47E-05	2.04E-08	5.94E-09	6.38E-05	2.02E-08	5.86E-09	6.20E-05	1.96E-08	5.69E-09
311	488517.32, 3858109.41	5.07E-05	1.60E-08	4.66E-09	5.01E-05	1.58E-08	4.60E-09	4.86E-05	1.53E-08	4.46E-09
312	488567.32, 3858109.41	4.20E-05	1.32E-08	3.85E-09	4.14E-05	1.31E-08	3.80E-09	4.02E-05	1.27E-08	3.69E-09
313	488617.32, 3858109.41	3.59E-05	1.13E-08	3.29E-09	3.54E-05	1.12E-08	3.25E-09	3.44E-05	1.09E-08	3.16E-09
314	488667.32, 3858109.41	3.16E-05	9.96E-09	2.90E-09	3.11E-05	9.83E-09	2.86E-09	3.02E-05	9.54E-09	2.78E-09
315	488769.93, 3858449.27	9.65E-05	3.05E-08	8.86E-09	9.53E-05	3.01E-08	8.75E-09	9.25E-05	2.92E-08	8.49E-09
316	488819.93, 3858449.27	7.04E-05	2.22E-08	6.46E-09	6.95E-05	2.19E-08	6.38E-09	6.75E-05	2.13E-08	6.19E-09
317	488819.93, 3858499.27	1.00E-04	3.17E-08	9.22E-09	9.91E-05	3.13E-08	9.10E-09	9.63E-05	3.04E-08	8.84E-09
318	488869.93, 3858499.27	7.27E-05	2.29E-08	6.67E-09	7.17E-05	2.26E-08	6.58E-09	6.97E-05	2.20E-08	6.39E-09
319	488869.93, 3858549.27	1.05E-04	3.31E-08	9.62E-09	1.03E-04	3.27E-08	9.50E-09	1.00E-04	3.17E-08	9.22E-09
320	489438.17, 3859571.48	1.78E-05	5.63E-09	1.64E-09	1.76E-05	5.55E-09	1.62E-09	1.71E-05	5.39E-09	1.57E-09
321	489488.17, 3859571.48	1.60E-05	5.06E-09	1.47E-09	1.58E-05	4.99E-09	1.45E-09	1.54E-05	4.85E-09	1.41E-09
322	489538.17, 3859571.48	1.46E-05	4.62E-09	1.34E-09	1.44E-05	4.56E-09	1.33E-09	1.40E-05	4.43E-09	1.29E-09
323	489588.17, 3859571.48	1.35E-05	4.28E-09	1.24E-09	1.34E-05	4.22E-09	1.23E-09	1.30E-05	4.10E-09	1.19E-09
324	489438.17, 3859621.48	1.32E-05	4.16E-09	1.21E-09	1.30E-05	4.11E-09	1.19E-09	1.26E-05	3.99E-09	1.16E-09
325	489488.17, 3859621.48	1.24E-05	3.92E-09	1.14E-09	1.23E-05	3.87E-09	1.13E-09	1.19E-05	3.76E-09	1.09E-09
326	489538.17, 3859621.48	1.18E-05	3.72E-09	1.08E-09	1.16E-05	3.67E-09	1.07E-09	1.13E-05	3.56E-09	1.04E-09
327	489588.17, 3859621.48	1.12E-05	3.54E-09	1.03E-09	1.11E-05	3.49E-09	1.02E-09	1.07E-05	3.39E-09	9.87E-10
328	489238.17, 3859671.48	1.73E-05	5.45E-09	1.59E-09	1.71E-05	5.38E-09	1.57E-09	1.66E-05	5.23E-09	1.52E-09
329	489288.17, 3859671.48	1.34E-05	4.24E-09	1.23E-09	1.33E-05	4.19E-09	1.22E-09	1.29E-05	4.07E-09	1.18E-09
330	489338.17, 3859671.48	1.19E-05	3.75E-09	1.09E-09	1.17E-05	3.70E-09	1.08E-09	1.14E-05	3.59E-09	1.04E-09
331	489388.17, 3859671.48	1.10E-05	3.48E-09	1.01E-09	1.09E-05	3.43E-09	9.98E-10	1.06E-05	3.33E-09	9.69E-10
332	489438.17, 3859671.48	1.04E-05	3.30E-09	9.59E-10	1.03E-05	3.25E-09	9.47E-10	1.00E-05	3.16E-09	9.19E-10
333	489488.17, 3859671.48	1.01E-05	3.17E-09	9.23E-10	9.92E-06	3.13E-09	9.11E-10	9.63E-06	3.04E-09	8.84E-10
334	489538.17, 3859671.48	9.71E-06	3.06E-09	8.91E-10	9.58E-06	3.02E-09	8.80E-10	9.31E-06	2.94E-09	8.54E-10
335	489588.17, 3859671.48	9.41E-06	2.97E-09	8.63E-10	9.28E-06	2.93E-09	8.52E-10	9.01E-06	2.85E-09	8.28E-10
336	489238.17, 3859721.48	1.59E-05	5.03E-09	1.46E-09	1.57E-05	4.97E-09	1.44E-09	1.53E-05	4.82E-09	1.40E-09
337	489288.17, 3859721.48	1.21E-05	3.81E-09	1.11E-09	1.19E-05	3.76E-09	1.09E-09	1.16E-05	3.65E-09	1.06E-09
338	489338.17, 3859721.48	1.04E-05	3.28E-09	9.54E-10	1.03E-05	3.24E-09	9.41E-10	9.96E-06	3.14E-09	9.14E-10
339	489388.17, 3859721.48	9.53E-06	3.01E-09	8.75E-10	9.40E-06	2.97E-09	8.63E-10	9.13E-06	2.88E-09	8.38E-10
340	489438.17, 3859721.48	8.97E-06	2.83E-09	8.23E-10	8.85E-06	2.79E-09	8.13E-10	8.60E-06	2.71E-09	7.89E-10
341	489488.17, 3859721.48	8.60E-06	2.71E-09	7.89E-10	8.48E-06	2.68E-09	7.79E-10	8.24E-06	2.60E-09	7.56E-10

342	489538.17, 3859721.48	8.32E-06	2.63E-09	7.64E-10	8.22E-06	2.59E-09	7.54E-10	7.98E-06	2.52E-09	7.32E-10
343	489588.17, 3859721.48	8.11E-06	2.56E-09	7.45E-10	8.01E-06	2.53E-09	7.35E-10	7.78E-06	2.45E-09	7.14E-10
344	489238.17, 3859771.48	1.51E-05	4.77E-09	1.39E-09	1.49E-05	4.70E-09	1.37E-09	1.45E-05	4.57E-09	1.33E-09
345	489288.17, 3859771.48	1.12E-05	3.54E-09	1.03E-09	1.11E-05	3.49E-09	1.02E-09	1.07E-05	3.39E-09	9.86E-10
346	489338.17, 3859771.48	9.49E-06	2.99E-09	8.71E-10	9.36E-06	2.96E-09	8.60E-10	9.09E-06	2.87E-09	8.35E-10
347	489388.17, 3859771.48	8.60E-06	2.71E-09	7.90E-10	8.49E-06	2.68E-09	7.79E-10	8.24E-06	2.60E-09	7.57E-10
348	489438.17, 3859771.48	8.06E-06	2.54E-09	7.40E-10	7.95E-06	2.51E-09	7.30E-10	7.72E-06	2.44E-09	7.09E-10
349	489488.17, 3859771.48	7.69E-06	2.43E-09	7.06E-10	7.59E-06	2.40E-09	6.97E-10	7.37E-06	2.33E-09	6.77E-10
350	489538.17, 3859771.48	7.41E-06	2.34E-09	6.81E-10	7.32E-06	2.31E-09	6.72E-10	7.10E-06	2.24E-09	6.52E-10
351	489588.17, 3859771.48	7.21E-06	2.27E-09	6.62E-10	7.11E-06	2.25E-09	6.53E-10	6.91E-06	2.18E-09	6.34E-10
352	489238.17, 3859821.48	1.45E-05	4.58E-09	1.33E-09	1.43E-05	4.52E-09	1.31E-09	1.39E-05	4.39E-09	1.28E-09
353	489288.17, 3859821.48	1.06E-05	3.35E-09	9.73E-10	1.05E-05	3.30E-09	9.60E-10	1.02E-05	3.21E-09	9.33E-10
354	489338.17, 3859821.48	8.88E-06	2.80E-09	8.15E-10	8.77E-06	2.77E-09	8.05E-10	8.51E-06	2.69E-09	7.81E-10
355	489388.17, 3859821.48	7.97E-06	2.51E-09	7.32E-10	7.86E-06	2.48E-09	7.22E-10	7.64E-06	2.41E-09	7.01E-10
356	489438.17, 3859821.48	7.43E-06	2.34E-09	6.82E-10	7.33E-06	2.31E-09	6.73E-10	7.12E-06	2.25E-09	6.53E-10
357	489488.17, 3859821.48	7.06E-06	2.23E-09	6.48E-10	6.96E-06	2.20E-09	6.39E-10	6.76E-06	2.13E-09	6.21E-10
358	489538.17, 3859821.48	6.78E-06	2.14E-09	6.22E-10	6.69E-06	2.11E-09	6.14E-10	6.50E-06	2.05E-09	5.97E-10
359	489588.17, 3859821.48	6.57E-06	2.07E-09	6.03E-10	6.48E-06	2.05E-09	5.95E-10	6.30E-06	1.99E-09	5.78E-10
360	489238.17, 3859871.48	1.40E-05	4.43E-09	1.29E-09	1.39E-05	4.38E-09	1.27E-09	1.35E-05	4.25E-09	1.24E-09
361	489288.17, 3859871.48	1.02E-05	3.21E-09	9.33E-10	1.00E-05	3.16E-09	9.20E-10	9.74E-06	3.07E-09	8.94E-10
362	489338.17, 3859871.48	8.43E-06	2.66E-09	7.74E-10	8.32E-06	2.63E-09	7.64E-10	8.08E-06	2.55E-09	7.42E-10
363	489388.17, 3859871.48	7.50E-06	2.37E-09	6.89E-10	7.40E-06	2.34E-09	6.80E-10	7.19E-06	2.27E-09	6.60E-10
364	489438.17, 3859871.48	6.93E-06	2.19E-09	6.36E-10	6.84E-06	2.16E-09	6.28E-10	6.64E-06	2.10E-09	6.10E-10
365	489488.17, 3859871.48	6.53E-06	2.06E-09	5.99E-10	6.44E-06	2.03E-09	5.91E-10	6.25E-06	1.97E-09	5.74E-10
366	489538.17, 3859871.48	6.28E-06	1.98E-09	5.77E-10	6.20E-06	1.96E-09	5.69E-10	6.02E-06	1.90E-09	5.53E-10
367	489588.17, 3859871.48	6.08E-06	1.92E-09	5.58E-10	6.00E-06	1.89E-09	5.51E-10	5.82E-06	1.84E-09	5.35E-10
368	489238.17, 3859921.48	1.36E-05	4.30E-09	1.25E-09	1.35E-05	4.25E-09	1.24E-09	1.31E-05	4.12E-09	1.20E-09
369	489288.17, 3859921.48	9.73E-06	3.07E-09	8.93E-10	9.60E-06	3.03E-09	8.82E-10	9.33E-06	2.94E-09	8.56E-10
370	489338.17, 3859921.48	8.04E-06	2.54E-09	7.38E-10	7.94E-06	2.51E-09	7.29E-10	7.71E-06	2.43E-09	7.08E-10
371	489388.17, 3859921.48	7.10E-06	2.24E-09	6.52E-10	7.01E-06	2.21E-09	6.44E-10	6.81E-06	2.15E-09	6.25E-10
372	489438.17, 3859921.48	6.48E-06	2.04E-09	5.95E-10	6.39E-06	2.02E-09	5.87E-10	6.21E-06	1.96E-09	5.70E-10
373	489488.17, 3859921.48	6.09E-06	1.92E-09	5.59E-10	6.01E-06	1.90E-09	5.52E-10	5.84E-06	1.84E-09	5.36E-10
374	489538.17, 3859921.48	5.85E-06	1.85E-09	5.37E-10	5.77E-06	1.82E-09	5.30E-10	5.61E-06	1.77E-09	5.15E-10
375	489588.17, 3859921.48	5.64E-06	1.78E-09	5.17E-10	5.56E-06	1.76E-09	5.11E-10	5.40E-06	1.71E-09	4.96E-10
376	489238.17, 3859971.48	1.33E-05	4.18E-09	1.22E-09	1.31E-05	4.13E-09	1.20E-09	1.27E-05	4.01E-09	1.17E-09
377	489288.17, 3859971.48	9.42E-06	2.97E-09	8.65E-10	9.30E-06	2.94E-09	8.54E-10	9.03E-06	2.85E-09	8.29E-10
378	489338.17, 3859971.48	7.70E-06	2.43E-09	7.07E-10	7.60E-06	2.40E-09	6.98E-10	7.38E-06	2.33E-09	6.78E-10
379	489388.17, 3859971.48	6.73E-06	2.12E-09	6.18E-10	6.64E-06	2.10E-09	6.10E-10	6.45E-06	2.04E-09	5.92E-10
380	489438.17, 3859971.48	6.02E-06	1.90E-09	5.53E-10	5.94E-06	1.88E-09	5.46E-10	5.77E-06	1.82E-09	5.30E-10
381	489488.17, 3859971.48	5.50E-06	1.73E-09	5.05E-10	5.42E-06	1.71E-09	4.98E-10	5.27E-06	1.66E-09	4.84E-10
382	489538.17, 3859971.48	5.20E-06	1.64E-09	4.77E-10	5.13E-06	1.62E-09	4.71E-10	4.98E-06	1.57E-09	4.57E-10
383	489588.17, 3859971.48	5.00E-06	1.58E-09	4.59E-10	4.93E-06	1.56E-09	4.53E-10	4.79E-06	1.51E-09	4.40E-10
384	483577.7, 3854071	2.38E-07	7.51E-11	2.18E-11	2.35E-07	7.41E-11	2.16E-11	2.28E-07	7.20E-11	2.09E-11
385	483627.7, 3854071	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
386	483677.7, 3854071	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.12E-11
387	483727.7, 3854071	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
388	483777.7, 3854071	2.43E-07	7.66E-11	2.23E-11	2.40E-07	7.56E-11	2.20E-11	2.33E-07	7.35E-11	2.14E-11
389	483577.7, 3854121	2.40E-07	7.56E-11	2.20E-11	2.36E-07	7.46E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
390	483627.7, 3854121	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.26E-11	2.11E-11
391	483677.7, 3854121	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
392	483727.7, 3854121	2.40E-07	7.58E-11	2.21E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.27E-11	2.11E-11
393	483777.7, 3854121	2.41E-07	7.61E-11	2.21E-11	2.38E-07	7.52E-11	2.19E-11	2.31E-07	7.30E-11	2.12E-11
394	483577.7, 3854171	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.11E-11
395	483627.7, 3854171	2.39E-07	7.56E-11	2.20E-11	2.36E-07	7.46E-11	2.17E-11	2.29E-07	7.24E-11	2.11E-11
396	483677.7, 3854171	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.11E-11
397	483727.7, 3854171	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
398	483777.7, 3854171	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
399	483827.7, 3854171	2.39E-07	7.53E-11	2.19E-11	2.35E-07	7.43E-11	2.16E-11	2.29E-07	7.22E-11	2.10E-11
400	483877.7, 3854171	2.39E-07	7.55E-11	2.19E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.23E-11	2.10E-11
401	483727.7, 3854221	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
402	483777.7, 3854221	2.39E-07	7.56E-11	2.20E-11	2.36E-07	7.46E-11	2.17E-11	2.29E-07	7.24E-11	2.11E-11
403	483827.7, 3854221	2.41E-07	7.60E-11	2.21E-11	2.38E-07	7.50E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
404	483877.7, 3854221	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
405	489150.19, 3858726.45	8.34E-05	2.63E-08	7.66E-09	8.24E-05	2.60E-08	7.56E-09	8.00E-05	2.52E-08	7.34E-09
406	489200.19, 3858726.45	1.08E-04	3.42E-08	9.96E-09	1.07E-04	3.38E-08	9.83E-09	1.04E-04	3.28E-08	9.54E-09
407	489150.19, 3858776.45	1.04E-04	3.29E-08	9.58E-09	1.03E-04	3.25E-08	9.45E-09	1.00E-04	3.16E-08	9.18E-09
408	489200.19, 3858776.45	1.08E-04	3.41E-08	9.93E-09	1.07E-04	3.37E-08	9.80E-09	1.04E-04	3.27E-08	9.52E-09
409	488919.6, 3856400.76	1.06E-06	3.33E-10	9.70E-11	1.04E-06	3.29E-10	9.57E-11	1.01E-06	3.20E-10	9.30E-11
410	488919.6, 3856450.76	1.10E-06	3.46E-10	1.01E-10	1.08E-06	3.42E-10	9.95E-11	1.05E-06	3.32E-10	9.66E-11

411	488969.6, 3856450.76	1.10E-06	3.47E-10	1.01E-10	1.09E-06	3.43E-10	9.97E-11	1.05E-06	3.33E-10	9.68E-11
412	488919.6, 3856500.76	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.56E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
413	488969.6, 3856500.76	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
414	488919.6, 3856550.76	1.19E-06	3.76E-10	1.09E-10	1.17E-06	3.71E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
415	488969.6, 3856550.76	1.19E-06	3.77E-10	1.10E-10	1.18E-06	3.72E-10	1.08E-10	1.14E-06	3.61E-10	1.05E-10
416	488819.6, 3856600.76	1.22E-06	3.85E-10	1.12E-10	1.20E-06	3.80E-10	1.11E-10	1.17E-06	3.69E-10	1.07E-10
417	488869.6, 3856600.76	1.23E-06	3.88E-10	1.13E-10	1.21E-06	3.83E-10	1.11E-10	1.18E-06	3.72E-10	1.08E-10
418	488919.6, 3856600.76	1.24E-06	3.91E-10	1.14E-10	1.22E-06	3.86E-10	1.12E-10	1.19E-06	3.75E-10	1.09E-10
419	488819.6, 3856650.76	1.27E-06	4.01E-10	1.17E-10	1.25E-06	3.95E-10	1.15E-10	1.22E-06	3.84E-10	1.12E-10
420	488869.6, 3856650.76	1.28E-06	4.04E-10	1.18E-10	1.26E-06	3.99E-10	1.16E-10	1.23E-06	3.88E-10	1.13E-10
421	488819.6, 3856700.76	1.32E-06	4.17E-10	1.21E-10	1.30E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
422	488869.6, 3856700.76	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
423	488819.6, 3856750.76	1.37E-06	4.34E-10	1.26E-10	1.36E-06	4.28E-10	1.24E-10	1.32E-06	4.16E-10	1.21E-10
424	488869.6, 3856750.76	1.39E-06	4.39E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.21E-10	1.22E-10
425	488819.6, 3857050.76	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
426	488869.6, 3857050.76	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
427	488919.6, 3857050.76	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
428	488819.6, 3857100.76	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
429	488869.6, 3857100.76	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
430	488919.6, 3857100.76	1.92E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
431	488819.6, 3857150.76	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
432	488869.6, 3857150.76	1.99E-06	6.30E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.76E-10
433	488919.6, 3857150.76	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
434	488969.6, 3857150.76	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
435	488819.6, 3857200.76	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.44E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
436	488869.6, 3857200.76	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
437	488919.6, 3857200.76	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
438	488969.6, 3857200.76	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
439	488819.6, 3857250.76	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
440	488869.6, 3857250.76	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
441	488919.6, 3857250.76	2.28E-06	7.18E-10	2.09E-10	2.25E-06	7.09E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
442	488969.6, 3857250.76	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.20E-10	2.09E-10	2.21E-06	6.99E-10	2.03E-10
443	488819.6, 3857300.76	2.33E-06	7.34E-10	2.13E-10	2.30E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.05E-10
444	488869.6, 3857300.76	2.37E-06	7.49E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.18E-10	2.09E-10
445	488919.6, 3857300.76	2.42E-06	7.63E-10	2.22E-10	2.39E-06	7.53E-10	2.19E-10	2.32E-06	7.31E-10	2.13E-10
446	488819.6, 3857450.76	2.83E-06	8.94E-10	2.60E-10	2.80E-06	8.82E-10	2.57E-10	2.71E-06	8.57E-10	2.49E-10
447	488869.6, 3857450.76	2.88E-06	9.08E-10	2.64E-10	2.84E-06	8.96E-10	2.61E-10	2.76E-06	8.70E-10	2.53E-10
448	488919.6, 3857450.76	2.93E-06	9.25E-10	2.69E-10	2.89E-06	9.13E-10	2.65E-10	2.81E-06	8.86E-10	2.58E-10
449	488819.6, 3857500.76	3.04E-06	9.58E-10	2.79E-10	3.00E-06	9.46E-10	2.75E-10	2.91E-06	9.19E-10	2.67E-10
450	488869.6, 3857500.76	3.09E-06	9.76E-10	2.84E-10	3.05E-06	9.63E-10	2.80E-10	2.96E-06	9.35E-10	2.72E-10
451	488919.6, 3857500.76	3.15E-06	9.94E-10	2.89E-10	3.11E-06	9.81E-10	2.85E-10	3.02E-06	9.53E-10	2.77E-10
452	488819.6, 3857550.76	3.28E-06	1.03E-09	3.01E-10	3.23E-06	1.02E-09	2.97E-10	3.14E-06	9.91E-10	2.88E-10
453	488869.6, 3857550.76	3.34E-06	1.05E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.20E-06	1.01E-09	2.94E-10
454	488919.6, 3857550.76	3.42E-06	1.08E-09	3.14E-10	3.37E-06	1.06E-09	3.09E-10	3.27E-06	1.03E-09	3.00E-10
455	489663.71, 3860900.05	3.02E-06	9.52E-10	2.77E-10	2.98E-06	9.39E-10	2.73E-10	2.89E-06	9.12E-10	2.65E-10
456	489813.71, 3860900.05	2.68E-06	8.45E-10	2.46E-10	2.64E-06	8.34E-10	2.43E-10	2.57E-06	8.10E-10	2.36E-10
457	489863.71, 3860900.05	2.59E-06	8.16E-10	2.37E-10	2.55E-06	8.05E-10	2.34E-10	2.48E-06	7.82E-10	2.27E-10
458	489913.71, 3860900.05	2.52E-06	7.94E-10	2.31E-10	2.48E-06	7.84E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
459	489963.71, 3860900.05	2.45E-06	7.72E-10	2.24E-10	2.41E-06	7.62E-10	2.22E-10	2.34E-06	7.40E-10	2.15E-10
460	490013.71, 3860900.05	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.24E-10	2.11E-10
461	490063.71, 3860900.05	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
462	489663.71, 3860950.05	2.98E-06	9.40E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.01E-10	2.62E-10
463	489813.71, 3860950.05	2.64E-06	8.32E-10	2.42E-10	2.60E-06	8.21E-10	2.39E-10	2.53E-06	7.98E-10	2.32E-10
464	489863.71, 3860950.05	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
465	489913.71, 3860950.05	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
466	489963.71, 3860950.05	2.40E-06	7.58E-10	2.20E-10	2.37E-06	7.48E-10	2.17E-10	2.30E-06	7.26E-10	2.11E-10
467	490013.71, 3860950.05	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
468	490063.71, 3860950.05	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
469	489513.71, 3861000.05	3.55E-06	1.12E-09	3.26E-10	3.50E-06	1.10E-09	3.21E-10	3.40E-06	1.07E-09	3.12E-10
470	489563.71, 3861000.05	3.29E-06	1.04E-09	3.02E-10	3.25E-06	1.03E-09	2.98E-10	3.16E-06	9.96E-10	2.90E-10
471	489613.71, 3861000.05	3.10E-06	9.79E-10	2.85E-10	3.06E-06	9.67E-10	2.81E-10	2.97E-06	9.39E-10	2.73E-10
472	489663.71, 3861000.05	2.94E-06	9.29E-10	2.70E-10	2.91E-06	9.17E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
473	489713.71, 3861000.05	2.81E-06	8.86E-10	2.58E-10	2.77E-06	8.74E-10	2.54E-10	2.69E-06	8.49E-10	2.47E-10
474	489763.71, 3861000.05	2.69E-06	8.50E-10	2.47E-10	2.66E-06	8.39E-10	2.44E-10	2.58E-06	8.15E-10	2.37E-10
475	489813.71, 3861000.05	2.60E-06	8.21E-10	2.39E-10	2.57E-06	8.10E-10	2.36E-10	2.49E-06	7.87E-10	2.29E-10
476	489863.71, 3861000.05	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.81E-10	2.27E-10	2.40E-06	7.58E-10	2.20E-10
477	489913.71, 3861000.05	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
478	489963.71, 3861000.05	2.36E-06	7.44E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.13E-10	2.08E-10
479	490013.71, 3861000.05	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.08E-10	2.20E-06	6.96E-10	2.02E-10

480	490063.71, 3861000.05	2.25E-06	7.10E-10	2.06E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.80E-10	1.98E-10
481	489513.71, 3861050.05	3.53E-06	1.11E-09	3.24E-10	3.48E-06	1.10E-09	3.20E-10	3.38E-06	1.07E-09	3.10E-10
482	489563.71, 3861050.05	3.27E-06	1.03E-09	3.00E-10	3.23E-06	1.02E-09	2.96E-10	3.13E-06	9.89E-10	2.88E-10
483	489613.71, 3861050.05	3.08E-06	9.72E-10	2.83E-10	3.04E-06	9.59E-10	2.79E-10	2.95E-06	9.32E-10	2.71E-10
484	489663.71, 3861050.05	2.91E-06	9.19E-10	2.67E-10	2.87E-06	9.07E-10	2.64E-10	2.79E-06	8.81E-10	2.56E-10
485	489713.71, 3861050.05	2.77E-06	8.75E-10	2.55E-10	2.74E-06	8.64E-10	2.51E-10	2.66E-06	8.39E-10	2.44E-10
486	489763.71, 3861050.05	2.66E-06	8.39E-10	2.44E-10	2.62E-06	8.28E-10	2.41E-10	2.55E-06	8.04E-10	2.34E-10
487	489813.71, 3861050.05	2.56E-06	8.08E-10	2.35E-10	2.53E-06	7.98E-10	2.32E-10	2.45E-06	7.75E-10	2.25E-10
488	489863.71, 3861050.05	2.47E-06	7.80E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
489	489913.71, 3861050.05	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10
490	489963.71, 3861050.05	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.22E-06	7.02E-10	2.04E-10
491	490013.71, 3861050.05	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
492	490063.71, 3861050.05	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.94E-10
493	489513.71, 3861100.05	3.50E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.08E-10
494	489563.71, 3861100.05	3.24E-06	1.02E-09	2.98E-10	3.20E-06	1.01E-09	2.94E-10	3.11E-06	9.80E-10	2.85E-10
495	489613.71, 3861100.05	3.03E-06	9.55E-10	2.78E-10	2.99E-06	9.43E-10	2.74E-10	2.90E-06	9.15E-10	2.66E-10
496	489663.71, 3861100.05	2.87E-06	9.05E-10	2.63E-10	2.83E-06	8.93E-10	2.60E-10	2.75E-06	8.67E-10	2.52E-10
497	489713.71, 3861100.05	2.74E-06	8.63E-10	2.51E-10	2.70E-06	8.52E-10	2.48E-10	2.62E-06	8.27E-10	2.41E-10
498	489763.71, 3861100.05	2.62E-06	8.27E-10	2.41E-10	2.59E-06	8.16E-10	2.37E-10	2.51E-06	7.93E-10	2.31E-10
499	489813.71, 3861100.05	2.52E-06	7.97E-10	2.32E-10	2.49E-06	7.86E-10	2.29E-10	2.42E-06	7.63E-10	2.22E-10
500	489863.71, 3861100.05	2.44E-06	7.70E-10	2.24E-10	2.41E-06	7.60E-10	2.21E-10	2.34E-06	7.38E-10	2.15E-10
501	489913.71, 3861100.05	2.36E-06	7.44E-10	2.16E-10	2.33E-06	7.34E-10	2.14E-10	2.26E-06	7.13E-10	2.07E-10
502	489963.71, 3861100.05	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
503	490013.71, 3861100.05	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.96E-10
504	490063.71, 3861100.05	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.56E-10	1.91E-10
505	489713.71, 3861150.05	2.70E-06	8.52E-10	2.48E-10	2.67E-06	8.41E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
506	489763.71, 3861150.05	2.59E-06	8.17E-10	2.38E-10	2.55E-06	8.06E-10	2.35E-10	2.48E-06	7.83E-10	2.28E-10
507	489813.71, 3861150.05	2.49E-06	7.86E-10	2.29E-10	2.46E-06	7.76E-10	2.26E-10	2.39E-06	7.53E-10	2.19E-10
508	489863.71, 3861150.05	2.40E-06	7.58E-10	2.21E-10	2.37E-06	7.48E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
509	489913.71, 3861150.05	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.23E-06	7.02E-10	2.04E-10
510	489963.71, 3861150.05	2.25E-06	7.10E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
511	490013.71, 3861150.05	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
512	490063.71, 3861150.05	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
513	489613.71, 3861200.05	2.96E-06	9.33E-10	2.71E-10	2.92E-06	9.21E-10	2.68E-10	2.83E-06	8.95E-10	2.60E-10
514	489663.71, 3861200.05	2.80E-06	8.84E-10	2.57E-10	2.76E-06	8.72E-10	2.54E-10	2.68E-06	8.47E-10	2.46E-10
515	489713.71, 3861200.05	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
516	489763.71, 3861200.05	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.96E-10	2.32E-10	2.45E-06	7.73E-10	2.25E-10
517	489813.71, 3861200.05	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
518	489863.71, 3861200.05	2.37E-06	7.49E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.18E-10	2.09E-10
519	489913.71, 3861200.05	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.14E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
520	489963.71, 3861200.05	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
521	490013.71, 3861200.05	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.53E-10	1.90E-10
522	490063.71, 3861200.05	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
523	489513.71, 3861250.05	3.37E-06	1.06E-09	3.09E-10	3.33E-06	1.05E-09	3.05E-10	3.23E-06	1.02E-09	2.97E-10
524	489563.71, 3861250.05	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
525	489613.71, 3861250.05	2.93E-06	9.26E-10	2.69E-10	2.89E-06	9.14E-10	2.66E-10	2.81E-06	8.87E-10	2.58E-10
526	489663.71, 3861250.05	2.77E-06	8.75E-10	2.54E-10	2.74E-06	8.63E-10	2.51E-10	2.66E-06	8.38E-10	2.44E-10
527	489713.71, 3861250.05	2.64E-06	8.33E-10	2.42E-10	2.60E-06	8.22E-10	2.39E-10	2.53E-06	7.98E-10	2.32E-10
528	489763.71, 3861250.05	2.53E-06	7.97E-10	2.32E-10	2.49E-06	7.87E-10	2.29E-10	2.42E-06	7.64E-10	2.22E-10
529	489813.71, 3861250.05	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
530	489863.71, 3861250.05	2.34E-06	7.39E-10	2.15E-10	2.31E-06	7.29E-10	2.12E-10	2.24E-06	7.08E-10	2.06E-10
531	489913.71, 3861250.05	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
532	489963.71, 3861250.05	2.19E-06	6.92E-10	2.01E-10	2.17E-06	6.83E-10	1.99E-10	2.10E-06	6.64E-10	1.93E-10
533	490013.71, 3861250.05	2.13E-06	6.72E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
534	490063.71, 3861250.05	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
535	489528.13, 3861308.47	3.26E-06	1.03E-09	2.99E-10	3.22E-06	1.02E-09	2.95E-10	3.13E-06	9.86E-10	2.87E-10
536	489578.13, 3861308.47	3.03E-06	9.56E-10	2.78E-10	2.99E-06	9.44E-10	2.75E-10	2.90E-06	9.17E-10	2.67E-10
537	489628.13, 3861308.47	2.85E-06	8.98E-10	2.61E-10	2.81E-06	8.87E-10	2.58E-10	2.73E-06	8.61E-10	2.50E-10
538	489678.13, 3861308.47	2.70E-06	8.51E-10	2.48E-10	2.66E-06	8.40E-10	2.44E-10	2.59E-06	8.16E-10	2.37E-10
539	489728.13, 3861308.47	2.57E-06	8.12E-10	2.36E-10	2.54E-06	8.01E-10	2.33E-10	2.46E-06	7.78E-10	2.26E-10
540	489778.13, 3861308.47	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
541	489678.13, 3861358.47	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
542	489728.13, 3861358.47	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
543	489528.13, 3861408.47	3.21E-06	1.01E-09	2.94E-10	3.16E-06	9.98E-10	2.90E-10	3.07E-06	9.70E-10	2.82E-10
544	489578.13, 3861408.47	2.97E-06	9.39E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.00E-10	2.62E-10
545	489628.13, 3861408.47	2.80E-06	8.83E-10	2.57E-10	2.76E-06	8.71E-10	2.53E-10	2.68E-06	8.46E-10	2.46E-10
546	489678.13, 3861408.47	2.64E-06	8.34E-10	2.43E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	8.00E-10	2.33E-10
547	489728.13, 3861408.47	2.51E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
548	489528.13, 3861458.47	3.19E-06	1.01E-09	2.93E-10	3.15E-06	9.93E-10	2.89E-10	3.05E-06	9.64E-10	2.80E-10

549	489578.13, 3861458.47	2.95E-06	9.32E-10	2.71E-10	2.92E-06	9.20E-10	2.68E-10	2.83E-06	8.94E-10	2.60E-10
550	489628.13, 3861458.47	2.77E-06	8.74E-10	2.54E-10	2.73E-06	8.62E-10	2.51E-10	2.65E-06	8.38E-10	2.44E-10
551	489678.13, 3861458.47	2.62E-06	8.26E-10	2.40E-10	2.58E-06	8.15E-10	2.37E-10	2.51E-06	7.91E-10	2.30E-10
552	489728.13, 3861458.47	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.74E-10	2.25E-10	2.38E-06	7.51E-10	2.19E-10
553	489528.13, 3861508.47	3.16E-06	9.99E-10	2.91E-10	3.12E-06	9.86E-10	2.87E-10	3.03E-06	9.57E-10	2.78E-10
554	489578.13, 3861508.47	2.93E-06	9.24E-10	2.69E-10	2.89E-06	9.12E-10	2.65E-10	2.81E-06	8.86E-10	2.58E-10
555	489628.13, 3861508.47	2.74E-06	8.65E-10	2.52E-10	2.71E-06	8.54E-10	2.48E-10	2.63E-06	8.29E-10	2.41E-10
556	489678.13, 3861508.47	2.59E-06	8.16E-10	2.37E-10	2.55E-06	8.06E-10	2.34E-10	2.48E-06	7.82E-10	2.28E-10
557	489728.13, 3861508.47	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
558	489628.13, 3861558.47	2.72E-06	8.59E-10	2.50E-10	2.68E-06	8.47E-10	2.46E-10	2.61E-06	8.23E-10	2.39E-10
559	489678.13, 3861558.47	2.57E-06	8.11E-10	2.36E-10	2.54E-06	8.01E-10	2.33E-10	2.46E-06	7.77E-10	2.26E-10
560	489728.13, 3861558.47	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.61E-10	2.21E-10	2.34E-06	7.39E-10	2.15E-10
561	489357.08, 3861015.81	5.19E-06	1.64E-09	4.77E-10	5.12E-06	1.62E-09	4.70E-10	4.98E-06	1.57E-09	4.57E-10
562	489407.08, 3861015.81	4.41E-06	1.39E-09	4.05E-10	4.35E-06	1.37E-09	3.99E-10	4.22E-06	1.33E-09	3.88E-10
563	489457.08, 3861015.81	3.91E-06	1.23E-09	3.59E-10	3.86E-06	1.22E-09	3.54E-10	3.75E-06	1.18E-09	3.44E-10
564	489357.08, 3861065.81	5.18E-06	1.63E-09	4.75E-10	5.11E-06	1.61E-09	4.69E-10	4.96E-06	1.57E-09	4.56E-10
565	489407.08, 3861065.81	4.40E-06	1.39E-09	4.04E-10	4.34E-06	1.37E-09	3.98E-10	4.21E-06	1.33E-09	3.87E-10
566	489457.08, 3861065.81	3.89E-06	1.23E-09	3.58E-10	3.84E-06	1.21E-09	3.53E-10	3.73E-06	1.18E-09	3.43E-10
567	489357.08, 3861115.81	5.15E-06	1.62E-09	4.73E-10	5.08E-06	1.60E-09	4.66E-10	4.93E-06	1.56E-09	4.53E-10
568	489407.08, 3861115.81	4.38E-06	1.38E-09	4.02E-10	4.33E-06	1.37E-09	3.97E-10	4.20E-06	1.33E-09	3.86E-10
569	489457.08, 3861115.81	3.88E-06	1.22E-09	3.56E-10	3.83E-06	1.21E-09	3.52E-10	3.72E-06	1.17E-09	3.41E-10
570	489407.08, 3861165.81	4.35E-06	1.37E-09	3.99E-10	4.29E-06	1.35E-09	3.94E-10	4.17E-06	1.32E-09	3.83E-10
571	489457.08, 3861165.81	3.85E-06	1.22E-09	3.53E-10	3.80E-06	1.20E-09	3.49E-10	3.69E-06	1.16E-09	3.39E-10
572	489407.08, 3861215.81	4.31E-06	1.36E-09	3.96E-10	4.25E-06	1.34E-09	3.91E-10	4.13E-06	1.30E-09	3.79E-10
573	489457.08, 3861215.81	3.81E-06	1.20E-09	3.50E-10	3.76E-06	1.19E-09	3.45E-10	3.65E-06	1.15E-09	3.35E-10
574	489407.08, 3861265.81	4.23E-06	1.33E-09	3.88E-10	4.17E-06	1.32E-09	3.83E-10	4.05E-06	1.28E-09	3.72E-10
575	489457.08, 3861265.81	3.75E-06	1.18E-09	3.44E-10	3.70E-06	1.17E-09	3.40E-10	3.59E-06	1.13E-09	3.30E-10
576	489309.86, 3861110.14	6.36E-06	2.01E-09	5.84E-10	6.28E-06	1.98E-09	5.76E-10	6.09E-06	1.92E-09	5.60E-10
577	489407.08, 3861315.81	4.20E-06	1.33E-09	3.86E-10	4.15E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
578	489457.08, 3861315.81	3.73E-06	1.18E-09	3.42E-10	3.68E-06	1.16E-09	3.38E-10	3.57E-06	1.13E-09	3.28E-10
579	488906.03, 3861006.75	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
580	488956.03, 3861006.75	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.09E-10	2.21E-06	6.96E-10	2.02E-10
581	488904.24, 3861051.87	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
582	488954.24, 3861051.87	2.23E-06	7.03E-10	2.04E-10	2.20E-06	6.94E-10	2.02E-10	2.13E-06	6.74E-10	1.96E-10
583	489004.24, 3861051.87	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
584	488804.24, 3861101.87	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
585	488854.24, 3861101.87	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
586	488904.24, 3861101.87	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
587	488954.24, 3861101.87	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
588	489004.24, 3861101.87	2.46E-06	7.75E-10	2.25E-10	2.42E-06	7.65E-10	2.22E-10	2.35E-06	7.43E-10	2.16E-10
589	488804.24, 3861151.87	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
590	488854.24, 3861151.87	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
591	489129.49, 3861187.55	3.83E-06	1.21E-09	3.52E-10	3.78E-06	1.19E-09	3.47E-10	3.67E-06	1.16E-09	3.37E-10
592	489179.49, 3861187.55	6.30E-06	1.99E-09	5.79E-10	6.22E-06	1.96E-09	5.71E-10	6.04E-06	1.91E-09	5.54E-10
593	488804.24, 3861201.87	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.61E-10
594	488854.24, 3861201.87	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
595	489129.49, 3861237.55	3.82E-06	1.20E-09	3.50E-10	3.77E-06	1.19E-09	3.46E-10	3.66E-06	1.15E-09	3.36E-10
596	489179.49, 3861237.55	6.36E-06	2.01E-09	5.84E-10	6.27E-06	1.98E-09	5.76E-10	6.09E-06	1.92E-09	5.59E-10
597	488804.24, 3861251.87	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
598	488854.24, 3861251.87	1.88E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
599	488804.24, 3861301.87	1.77E-06	5.57E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
600	488854.24, 3861301.87	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
601	490943.5, 3860181.97	3.08E-06	9.72E-10	2.83E-10	3.04E-06	9.59E-10	2.79E-10	2.95E-06	9.32E-10	2.71E-10
602	490993.5, 3860181.97	3.05E-06	9.64E-10	2.80E-10	3.02E-06	9.52E-10	2.77E-10	2.93E-06	9.24E-10	2.69E-10
603	491043.5, 3860181.97	3.03E-06	9.57E-10	2.78E-10	2.99E-06	9.45E-10	2.75E-10	2.91E-06	9.17E-10	2.67E-10
604	491093.5, 3860181.97	3.01E-06	9.49E-10	2.76E-10	2.97E-06	9.36E-10	2.72E-10	2.88E-06	9.09E-10	2.65E-10
605	490943.5, 3860231.97	2.95E-06	9.30E-10	2.71E-10	2.91E-06	9.18E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
606	490993.5, 3860231.97	2.93E-06	9.26E-10	2.69E-10	2.89E-06	9.14E-10	2.66E-10	2.81E-06	8.87E-10	2.58E-10
607	491043.5, 3860231.97	2.90E-06	9.16E-10	2.66E-10	2.86E-06	9.04E-10	2.63E-10	2.78E-06	8.78E-10	2.55E-10
608	491093.5, 3860231.97	2.87E-06	9.07E-10	2.64E-10	2.84E-06	8.95E-10	2.60E-10	2.75E-06	8.69E-10	2.53E-10
609	490943.5, 3860281.97	2.83E-06	8.92E-10	2.59E-10	2.79E-06	8.80E-10	2.56E-10	2.71E-06	8.55E-10	2.49E-10
610	490993.5, 3860281.97	2.81E-06	8.87E-10	2.58E-10	2.77E-06	8.75E-10	2.55E-10	2.69E-06	8.50E-10	2.47E-10
611	491043.5, 3860281.97	2.78E-06	8.78E-10	2.56E-10	2.75E-06	8.67E-10	2.52E-10	2.67E-06	8.42E-10	2.45E-10
612	491093.5, 3860281.97	2.76E-06	8.70E-10	2.53E-10	2.72E-06	8.59E-10	2.50E-10	2.64E-06	8.34E-10	2.43E-10
613	490943.5, 3860331.97	2.72E-06	8.57E-10	2.49E-10	2.68E-06	8.46E-10	2.46E-10	2.60E-06	8.22E-10	2.39E-10
614	490993.5, 3860331.97	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
615	491043.5, 3860331.97	2.67E-06	8.41E-10	2.45E-10	2.63E-06	8.30E-10	2.42E-10	2.55E-06	8.06E-10	2.35E-10
616	491093.5, 3860331.97	2.64E-06	8.34E-10	2.43E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	7.99E-10	2.33E-10
617	490086.72, 3859935.12	4.75E-06	1.50E-09	4.36E-10	4.69E-06	1.48E-09	4.30E-10	4.55E-06	1.44E-09	4.18E-10

618	490136.72, 3859935.12	4.70E-06	1.48E-09	4.31E-10	4.64E-06	1.46E-09	4.26E-10	4.50E-06	1.42E-09	4.14E-10
619	490186.72, 3859935.12	4.65E-06	1.47E-09	4.27E-10	4.59E-06	1.45E-09	4.21E-10	4.46E-06	1.41E-09	4.09E-10
620	490236.72, 3859935.12	4.60E-06	1.45E-09	4.23E-10	4.54E-06	1.43E-09	4.17E-10	4.41E-06	1.39E-09	4.05E-10
621	490286.72, 3859935.12	4.55E-06	1.44E-09	4.18E-10	4.49E-06	1.42E-09	4.12E-10	4.36E-06	1.38E-09	4.00E-10
622	490336.72, 3859935.12	4.49E-06	1.42E-09	4.12E-10	4.43E-06	1.40E-09	4.07E-10	4.31E-06	1.36E-09	3.95E-10
623	490386.72, 3859935.12	4.44E-06	1.40E-09	4.08E-10	4.38E-06	1.38E-09	4.02E-10	4.26E-06	1.34E-09	3.91E-10
624	490436.72, 3859935.12	4.39E-06	1.38E-09	4.03E-10	4.33E-06	1.37E-09	3.97E-10	4.20E-06	1.33E-09	3.86E-10
625	490486.72, 3859935.12	4.34E-06	1.37E-09	3.98E-10	4.28E-06	1.35E-09	3.93E-10	4.16E-06	1.31E-09	3.82E-10
626	490536.72, 3859935.12	4.31E-06	1.36E-09	3.96E-10	4.26E-06	1.34E-09	3.91E-10	4.13E-06	1.30E-09	3.79E-10
627	490586.72, 3859935.12	4.30E-06	1.36E-09	3.94E-10	4.24E-06	1.34E-09	3.89E-10	4.12E-06	1.30E-09	3.78E-10
628	490636.72, 3859935.12	4.27E-06	1.35E-09	3.92E-10	4.21E-06	1.33E-09	3.87E-10	4.09E-06	1.29E-09	3.76E-10
629	490686.72, 3859935.12	4.27E-06	1.35E-09	3.92E-10	4.22E-06	1.33E-09	3.87E-10	4.09E-06	1.29E-09	3.76E-10
630	490736.72, 3859935.12	4.27E-06	1.35E-09	3.92E-10	4.21E-06	1.33E-09	3.87E-10	4.09E-06	1.29E-09	3.75E-10
631	490086.72, 3859985.12	4.46E-06	1.41E-09	4.09E-10	4.40E-06	1.39E-09	4.04E-10	4.27E-06	1.35E-09	3.92E-10
632	490136.72, 3859985.12	4.41E-06	1.39E-09	4.05E-10	4.35E-06	1.37E-09	3.99E-10	4.22E-06	1.33E-09	3.88E-10
633	490186.72, 3859985.12	4.37E-06	1.38E-09	4.01E-10	4.31E-06	1.36E-09	3.96E-10	4.18E-06	1.32E-09	3.84E-10
634	490236.72, 3859985.12	4.33E-06	1.37E-09	3.97E-10	4.27E-06	1.35E-09	3.92E-10	4.15E-06	1.31E-09	3.81E-10
635	490286.72, 3859985.12	4.28E-06	1.35E-09	3.93E-10	4.23E-06	1.33E-09	3.88E-10	4.11E-06	1.30E-09	3.77E-10
636	490336.72, 3859985.12	4.24E-06	1.34E-09	3.89E-10	4.18E-06	1.32E-09	3.84E-10	4.06E-06	1.28E-09	3.73E-10
637	490386.72, 3859985.12	4.18E-06	1.32E-09	3.84E-10	4.13E-06	1.30E-09	3.79E-10	4.01E-06	1.26E-09	3.68E-10
638	490436.72, 3859985.12	4.13E-06	1.30E-09	3.79E-10	4.08E-06	1.29E-09	3.74E-10	3.96E-06	1.25E-09	3.63E-10
639	490486.72, 3859985.12	4.09E-06	1.29E-09	3.75E-10	4.03E-06	1.27E-09	3.70E-10	3.92E-06	1.24E-09	3.60E-10
640	490536.72, 3859985.12	4.05E-06	1.28E-09	3.72E-10	4.00E-06	1.26E-09	3.67E-10	3.89E-06	1.23E-09	3.57E-10
641	490586.72, 3859985.12	4.03E-06	1.27E-09	3.70E-10	3.98E-06	1.26E-09	3.65E-10	3.86E-06	1.22E-09	3.55E-10
642	490636.72, 3859985.12	4.02E-06	1.27E-09	3.69E-10	3.96E-06	1.25E-09	3.64E-10	3.85E-06	1.21E-09	3.53E-10
643	490686.72, 3859985.12	4.01E-06	1.27E-09	3.69E-10	3.96E-06	1.25E-09	3.64E-10	3.85E-06	1.21E-09	3.53E-10
644	490736.72, 3859985.12	3.99E-06	1.26E-09	3.66E-10	3.94E-06	1.24E-09	3.62E-10	3.82E-06	1.21E-09	3.51E-10
645	490786.72, 3859985.12	3.97E-06	1.25E-09	3.65E-10	3.92E-06	1.24E-09	3.60E-10	3.81E-06	1.20E-09	3.49E-10
646	490086.72, 3860035.12	4.20E-06	1.33E-09	3.86E-10	4.15E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
647	490136.72, 3860035.12	4.16E-06	1.31E-09	3.81E-10	4.10E-06	1.29E-09	3.76E-10	3.98E-06	1.26E-09	3.66E-10
648	490186.72, 3860035.12	4.11E-06	1.30E-09	3.78E-10	4.06E-06	1.28E-09	3.73E-10	3.94E-06	1.24E-09	3.62E-10
649	490236.72, 3860035.12	4.07E-06	1.29E-09	3.74E-10	4.02E-06	1.27E-09	3.69E-10	3.90E-06	1.23E-09	3.58E-10
650	490286.72, 3860035.12	4.03E-06	1.27E-09	3.70E-10	3.98E-06	1.26E-09	3.65E-10	3.86E-06	1.22E-09	3.55E-10
651	490336.72, 3860035.12	4.00E-06	1.26E-09	3.67E-10	3.95E-06	1.25E-09	3.62E-10	3.83E-06	1.21E-09	3.52E-10
652	490386.72, 3860035.12	3.95E-06	1.25E-09	3.63E-10	3.90E-06	1.23E-09	3.58E-10	3.79E-06	1.19E-09	3.48E-10
653	490436.72, 3860035.12	3.91E-06	1.23E-09	3.59E-10	3.85E-06	1.22E-09	3.54E-10	3.74E-06	1.18E-09	3.44E-10
654	490486.72, 3860035.12	3.87E-06	1.22E-09	3.55E-10	3.81E-06	1.20E-09	3.50E-10	3.70E-06	1.17E-09	3.40E-10
655	490536.72, 3860035.12	3.83E-06	1.21E-09	3.52E-10	3.78E-06	1.19E-09	3.47E-10	3.67E-06	1.16E-09	3.37E-10
656	490586.72, 3860035.12	3.80E-06	1.20E-09	3.49E-10	3.75E-06	1.18E-09	3.45E-10	3.64E-06	1.15E-09	3.35E-10
657	490636.72, 3860035.12	3.77E-06	1.19E-09	3.46E-10	3.72E-06	1.17E-09	3.41E-10	3.61E-06	1.14E-09	3.31E-10
658	490686.72, 3860035.12	3.75E-06	1.18E-09	3.44E-10	3.70E-06	1.17E-09	3.40E-10	3.59E-06	1.13E-09	3.30E-10
659	490736.72, 3860035.12	3.75E-06	1.18E-09	3.45E-10	3.71E-06	1.17E-09	3.40E-10	3.60E-06	1.14E-09	3.30E-10
660	490786.72, 3860035.12	3.73E-06	1.18E-09	3.42E-10	3.68E-06	1.16E-09	3.38E-10	3.57E-06	1.13E-09	3.28E-10
661	490836.72, 3860035.12	3.71E-06	1.17E-09	3.40E-10	3.66E-06	1.15E-09	3.36E-10	3.55E-06	1.12E-09	3.26E-10
662	490086.72, 3860085.12	4.00E-06	1.26E-09	3.67E-10	3.95E-06	1.25E-09	3.62E-10	3.83E-06	1.21E-09	3.52E-10
663	490136.72, 3860085.12	3.94E-06	1.24E-09	3.61E-10	3.88E-06	1.23E-09	3.57E-10	3.77E-06	1.19E-09	3.46E-10
664	490186.72, 3860085.12	3.90E-06	1.23E-09	3.58E-10	3.85E-06	1.21E-09	3.53E-10	3.74E-06	1.18E-09	3.43E-10
665	490236.72, 3860085.12	3.86E-06	1.22E-09	3.54E-10	3.81E-06	1.20E-09	3.49E-10	3.70E-06	1.17E-09	3.39E-10
666	490286.72, 3860085.12	3.82E-06	1.20E-09	3.50E-10	3.77E-06	1.19E-09	3.46E-10	3.66E-06	1.15E-09	3.36E-10
667	490336.72, 3860085.12	3.78E-06	1.19E-09	3.47E-10	3.73E-06	1.18E-09	3.42E-10	3.62E-06	1.14E-09	3.32E-10
668	490386.72, 3860085.12	3.74E-06	1.18E-09	3.43E-10	3.69E-06	1.16E-09	3.39E-10	3.58E-06	1.13E-09	3.29E-10
669	490436.72, 3860085.12	3.70E-06	1.17E-09	3.40E-10	3.65E-06	1.15E-09	3.35E-10	3.55E-06	1.12E-09	3.26E-10
670	490486.72, 3860085.12	3.66E-06	1.16E-09	3.36E-10	3.61E-06	1.14E-09	3.32E-10	3.51E-06	1.11E-09	3.22E-10
671	490536.72, 3860085.12	3.63E-06	1.15E-09	3.34E-10	3.59E-06	1.13E-09	3.29E-10	3.48E-06	1.10E-09	3.20E-10
672	490586.72, 3860085.12	3.60E-06	1.14E-09	3.31E-10	3.56E-06	1.12E-09	3.27E-10	3.45E-06	1.09E-09	3.17E-10
673	490636.72, 3860085.12	3.57E-06	1.13E-09	3.28E-10	3.53E-06	1.11E-09	3.24E-10	3.42E-06	1.08E-09	3.14E-10
674	490686.72, 3860085.12	3.55E-06	1.12E-09	3.26E-10	3.50E-06	1.11E-09	3.22E-10	3.40E-06	1.07E-09	3.12E-10
675	490736.72, 3860085.12	3.53E-06	1.12E-09	3.24E-10	3.49E-06	1.10E-09	3.20E-10	3.39E-06	1.07E-09	3.11E-10
676	490786.72, 3860085.12	3.52E-06	1.11E-09	3.23E-10	3.47E-06	1.10E-09	3.19E-10	3.37E-06	1.06E-09	3.10E-10
677	490836.72, 3860085.12	3.49E-06	1.10E-09	3.21E-10	3.45E-06	1.09E-09	3.16E-10	3.35E-06	1.06E-09	3.07E-10
678	490086.72, 3860135.12	3.79E-06	1.20E-09	3.48E-10	3.74E-06	1.18E-09	3.43E-10	3.63E-06	1.15E-09	3.33E-10
679	490136.72, 3860135.12	3.74E-06	1.18E-09	3.44E-10	3.69E-06	1.17E-09	3.39E-10	3.59E-06	1.13E-09	3.29E-10
680	490186.72, 3860135.12	3.70E-06	1.17E-09	3.40E-10	3.65E-06	1.15E-09	3.36E-10	3.55E-06	1.12E-09	3.26E-10
681	490236.72, 3860135.12	3.66E-06	1.15E-09	3.36E-10	3.61E-06	1.14E-09	3.32E-10	3.51E-06	1.11E-09	3.22E-10
682	490286.72, 3860135.12	3.62E-06	1.14E-09	3.32E-10	3.57E-06	1.13E-09	3.28E-10	3.47E-06	1.10E-09	3.19E-10
683	490336.72, 3860135.12	3.59E-06	1.13E-09	3.29E-10	3.54E-06	1.12E-09	3.25E-10	3.44E-06	1.08E-09	3.15E-10
684	490386.72, 3860135.12	3.55E-06	1.12E-09	3.26E-10	3.50E-06	1.11E-09	3.22E-10	3.40E-06	1.07E-09	3.12E-10
685	490436.72, 3860135.12	3.51E-06	1.11E-09	3.23E-10	3.47E-06	1.09E-09	3.18E-10	3.37E-06	1.06E-09	3.09E-10
686	490486.72, 3860135.12	3.48E-06	1.10E-09	3.20E-10	3.44E-06	1.08E-09	3.15E-10	3.34E-06	1.05E-09	3.06E-10

687	490536.72, 3860135.12	3.46E-06	1.09E-09	3.17E-10	3.41E-06	1.08E-09	3.13E-10	3.31E-06	1.05E-09	3.04E-10
688	490586.72, 3860135.12	3.43E-06	1.08E-09	3.15E-10	3.38E-06	1.07E-09	3.11E-10	3.29E-06	1.04E-09	3.02E-10
689	490636.72, 3860135.12	3.40E-06	1.07E-09	3.12E-10	3.36E-06	1.06E-09	3.08E-10	3.26E-06	1.03E-09	2.99E-10
690	490686.72, 3860135.12	3.37E-06	1.06E-09	3.09E-10	3.33E-06	1.05E-09	3.05E-10	3.23E-06	1.02E-09	2.97E-10
691	490736.72, 3860135.12	3.35E-06	1.06E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.21E-06	1.01E-09	2.94E-10
692	490786.72, 3860135.12	3.33E-06	1.05E-09	3.06E-10	3.29E-06	1.04E-09	3.02E-10	3.19E-06	1.01E-09	2.93E-10
693	490836.72, 3860135.12	3.30E-06	1.04E-09	3.03E-10	3.26E-06	1.03E-09	2.99E-10	3.17E-06	9.99E-10	2.91E-10
694	490086.72, 3860185.12	3.62E-06	1.14E-09	3.32E-10	3.57E-06	1.13E-09	3.28E-10	3.47E-06	1.09E-09	3.18E-10
695	490136.72, 3860185.12	3.58E-06	1.13E-09	3.28E-10	3.53E-06	1.11E-09	3.24E-10	3.43E-06	1.08E-09	3.15E-10
696	490186.72, 3860185.12	3.53E-06	1.12E-09	3.24E-10	3.49E-06	1.10E-09	3.20E-10	3.39E-06	1.07E-09	3.11E-10
697	490236.72, 3860185.12	3.49E-06	1.10E-09	3.20E-10	3.44E-06	1.09E-09	3.16E-10	3.34E-06	1.06E-09	3.07E-10
698	490286.72, 3860185.12	3.45E-06	1.09E-09	3.17E-10	3.40E-06	1.07E-09	3.12E-10	3.31E-06	1.04E-09	3.03E-10
699	490336.72, 3860185.12	3.41E-06	1.08E-09	3.13E-10	3.37E-06	1.06E-09	3.09E-10	3.27E-06	1.03E-09	3.00E-10
700	490386.72, 3860185.12	3.38E-06	1.07E-09	3.10E-10	3.33E-06	1.05E-09	3.06E-10	3.24E-06	1.02E-09	2.97E-10
701	490436.72, 3860185.12	3.35E-06	1.06E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.21E-06	1.01E-09	2.94E-10
702	490486.72, 3860185.12	3.32E-06	1.05E-09	3.04E-10	3.27E-06	1.03E-09	3.00E-10	3.18E-06	1.00E-09	2.92E-10
703	490536.72, 3860185.12	3.29E-06	1.04E-09	3.02E-10	3.25E-06	1.03E-09	2.98E-10	3.15E-06	9.96E-10	2.90E-10
704	490586.72, 3860185.12	3.27E-06	1.03E-09	3.00E-10	3.23E-06	1.02E-09	2.96E-10	3.14E-06	9.90E-10	2.88E-10
705	490636.72, 3860185.12	3.24E-06	1.02E-09	2.98E-10	3.20E-06	1.01E-09	2.94E-10	3.11E-06	9.81E-10	2.85E-10
706	490686.72, 3860185.12	3.22E-06	1.02E-09	2.95E-10	3.18E-06	1.00E-09	2.92E-10	3.08E-06	9.74E-10	2.83E-10
707	490736.72, 3860185.12	3.19E-06	1.01E-09	2.93E-10	3.15E-06	9.93E-10	2.89E-10	3.05E-06	9.64E-10	2.80E-10
708	490786.72, 3860185.12	3.16E-06	9.99E-10	2.90E-10	3.12E-06	9.86E-10	2.87E-10	3.03E-06	9.57E-10	2.78E-10
709	490836.72, 3860185.12	3.14E-06	9.91E-10	2.88E-10	3.10E-06	9.78E-10	2.85E-10	3.01E-06	9.50E-10	2.76E-10
710	490086.72, 3860235.12	3.47E-06	1.10E-09	3.19E-10	3.42E-06	1.08E-09	3.14E-10	3.33E-06	1.05E-09	3.05E-10
711	490136.72, 3860235.12	3.43E-06	1.08E-09	3.15E-10	3.38E-06	1.07E-09	3.10E-10	3.28E-06	1.04E-09	3.01E-10
712	490186.72, 3860235.12	3.38E-06	1.07E-09	3.11E-10	3.34E-06	1.05E-09	3.07E-10	3.24E-06	1.02E-09	2.98E-10
713	490236.72, 3860235.12	3.34E-06	1.05E-09	3.07E-10	3.30E-06	1.04E-09	3.03E-10	3.20E-06	1.01E-09	2.94E-10
714	490286.72, 3860235.12	3.30E-06	1.04E-09	3.03E-10	3.26E-06	1.03E-09	2.99E-10	3.16E-06	9.98E-10	2.90E-10
715	490336.72, 3860235.12	3.26E-06	1.03E-09	2.99E-10	3.22E-06	1.02E-09	2.95E-10	3.13E-06	9.86E-10	2.87E-10
716	490386.72, 3860235.12	3.23E-06	1.02E-09	2.96E-10	3.18E-06	1.01E-09	2.92E-10	3.09E-06	9.76E-10	2.84E-10
717	490436.72, 3860235.12	3.20E-06	1.01E-09	2.94E-10	3.16E-06	9.96E-10	2.90E-10	3.06E-06	9.67E-10	2.81E-10
718	490486.72, 3860235.12	3.17E-06	1.00E-09	2.91E-10	3.13E-06	9.87E-10	2.87E-10	3.04E-06	9.59E-10	2.79E-10
719	490536.72, 3860235.12	3.15E-06	9.93E-10	2.89E-10	3.10E-06	9.80E-10	2.85E-10	3.01E-06	9.51E-10	2.77E-10
720	490586.72, 3860235.12	3.12E-06	9.86E-10	2.87E-10	3.08E-06	9.73E-10	2.83E-10	2.99E-06	9.45E-10	2.75E-10
721	490636.72, 3860235.12	3.10E-06	9.79E-10	2.85E-10	3.06E-06	9.66E-10	2.81E-10	2.97E-06	9.38E-10	2.73E-10
722	490686.72, 3860235.12	3.08E-06	9.72E-10	2.83E-10	3.04E-06	9.59E-10	2.79E-10	2.95E-06	9.31E-10	2.71E-10
723	490736.72, 3860235.12	3.05E-06	9.63E-10	2.80E-10	3.01E-06	9.51E-10	2.77E-10	2.93E-06	9.23E-10	2.69E-10
724	490786.72, 3860235.12	3.02E-06	9.55E-10	2.78E-10	2.99E-06	9.42E-10	2.74E-10	2.90E-06	9.15E-10	2.66E-10
725	490086.72, 3860285.12	3.33E-06	1.05E-09	3.06E-10	3.29E-06	1.04E-09	3.02E-10	3.19E-06	1.01E-09	2.93E-10
726	490136.72, 3860285.12	3.29E-06	1.04E-09	3.02E-10	3.25E-06	1.03E-09	2.98E-10	3.15E-06	9.96E-10	2.90E-10
727	490186.72, 3860285.12	3.25E-06	1.03E-09	2.98E-10	3.21E-06	1.01E-09	2.94E-10	3.11E-06	9.83E-10	2.86E-10
728	490236.72, 3860285.12	3.21E-06	1.01E-09	2.95E-10	3.17E-06	1.00E-09	2.91E-10	3.08E-06	9.71E-10	2.82E-10
729	490286.72, 3860285.12	3.17E-06	9.99E-10	2.91E-10	3.12E-06	9.86E-10	2.87E-10	3.03E-06	9.58E-10	2.79E-10
730	490336.72, 3860285.12	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
731	490386.72, 3860285.12	3.09E-06	9.77E-10	2.84E-10	3.05E-06	9.64E-10	2.80E-10	2.97E-06	9.36E-10	2.72E-10
732	490436.72, 3860285.12	3.06E-06	9.67E-10	2.81E-10	3.02E-06	9.54E-10	2.78E-10	2.94E-06	9.27E-10	2.70E-10
733	490486.72, 3860285.12	3.04E-06	9.59E-10	2.79E-10	3.00E-06	9.46E-10	2.75E-10	2.91E-06	9.19E-10	2.67E-10
734	490536.72, 3860285.12	3.01E-06	9.50E-10	2.76E-10	2.97E-06	9.38E-10	2.73E-10	2.89E-06	9.11E-10	2.65E-10
735	490586.72, 3860285.12	2.99E-06	9.43E-10	2.74E-10	2.95E-06	9.31E-10	2.71E-10	2.86E-06	9.04E-10	2.63E-10
736	490636.72, 3860285.12	2.97E-06	9.37E-10	2.72E-10	2.93E-06	9.24E-10	2.69E-10	2.84E-06	8.98E-10	2.61E-10
737	490686.72, 3860285.12	2.95E-06	9.30E-10	2.71E-10	2.91E-06	9.18E-10	2.67E-10	2.83E-06	8.92E-10	2.59E-10
738	490736.72, 3860285.12	2.93E-06	9.23E-10	2.69E-10	2.89E-06	9.11E-10	2.65E-10	2.80E-06	8.85E-10	2.57E-10
739	490786.72, 3860285.12	2.90E-06	9.16E-10	2.67E-10	2.87E-06	9.04E-10	2.63E-10	2.78E-06	8.78E-10	2.55E-10
740	490086.72, 3860335.12	3.21E-06	1.01E-09	2.94E-10	3.16E-06	9.99E-10	2.91E-10	3.07E-06	9.70E-10	2.82E-10
741	490136.72, 3860335.12	3.17E-06	1.00E-09	2.91E-10	3.13E-06	9.87E-10	2.87E-10	3.04E-06	9.58E-10	2.79E-10
742	490186.72, 3860335.12	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
743	490236.72, 3860335.12	3.09E-06	9.75E-10	2.84E-10	3.05E-06	9.62E-10	2.80E-10	2.96E-06	9.34E-10	2.72E-10
744	490286.72, 3860335.12	3.05E-06	9.62E-10	2.80E-10	3.01E-06	9.50E-10	2.76E-10	2.92E-06	9.22E-10	2.68E-10
745	490336.72, 3860335.12	3.01E-06	9.50E-10	2.76E-10	2.97E-06	9.37E-10	2.73E-10	2.88E-06	9.10E-10	2.65E-10
746	490386.72, 3860335.12	2.98E-06	9.39E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.00E-10	2.62E-10
747	490436.72, 3860335.12	2.94E-06	9.29E-10	2.70E-10	2.91E-06	9.17E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
748	490486.72, 3860335.12	2.92E-06	9.20E-10	2.68E-10	2.88E-06	9.08E-10	2.64E-10	2.80E-06	8.82E-10	2.57E-10
749	490536.72, 3860335.12	2.89E-06	9.13E-10	2.66E-10	2.86E-06	9.01E-10	2.62E-10	2.77E-06	8.75E-10	2.55E-10
750	490586.72, 3860335.12	2.87E-06	9.05E-10	2.63E-10	2.83E-06	8.94E-10	2.60E-10	2.75E-06	8.68E-10	2.52E-10
751	490636.72, 3860335.12	2.85E-06	8.99E-10	2.61E-10	2.81E-06	8.87E-10	2.58E-10	2.73E-06	8.61E-10	2.51E-10
752	490686.72, 3860335.12	2.83E-06	8.93E-10	2.60E-10	2.79E-06	8.81E-10	2.56E-10	2.71E-06	8.56E-10	2.49E-10
753	490736.72, 3860335.12	2.81E-06	8.86E-10	2.58E-10	2.77E-06	8.75E-10	2.54E-10	2.69E-06	8.49E-10	2.47E-10
754	490786.72, 3860335.12	2.79E-06	8.81E-10	2.56E-10	2.76E-06	8.70E-10	2.53E-10	2.68E-06	8.44E-10	2.46E-10
755	490086.72, 3860385.12	3.09E-06	9.76E-10	2.84E-10	3.05E-06	9.63E-10	2.80E-10	2.96E-06	9.35E-10	2.72E-10

756	490136.72, 3860385.12	3.06E-06	9.64E-10	2.80E-10	3.02E-06	9.52E-10	2.77E-10	2.93E-06	9.24E-10	2.69E-10
757	490186.72, 3860385.12	3.01E-06	9.51E-10	2.77E-10	2.97E-06	9.38E-10	2.73E-10	2.89E-06	9.11E-10	2.65E-10
758	490236.72, 3860385.12	2.98E-06	9.39E-10	2.73E-10	2.94E-06	9.27E-10	2.70E-10	2.85E-06	9.00E-10	2.62E-10
759	490286.72, 3860385.12	2.94E-06	9.27E-10	2.70E-10	2.90E-06	9.15E-10	2.66E-10	2.82E-06	8.89E-10	2.59E-10
760	490336.72, 3860385.12	2.90E-06	9.16E-10	2.66E-10	2.86E-06	9.04E-10	2.63E-10	2.78E-06	8.78E-10	2.55E-10
761	490386.72, 3860385.12	2.87E-06	9.05E-10	2.63E-10	2.83E-06	8.93E-10	2.60E-10	2.75E-06	8.68E-10	2.52E-10
762	490436.72, 3860385.12	2.84E-06	8.96E-10	2.60E-10	2.80E-06	8.84E-10	2.57E-10	2.72E-06	8.58E-10	2.50E-10
763	490486.72, 3860385.12	2.81E-06	8.87E-10	2.58E-10	2.77E-06	8.76E-10	2.55E-10	2.69E-06	8.50E-10	2.47E-10
764	490536.72, 3860385.12	2.79E-06	8.79E-10	2.56E-10	2.75E-06	8.68E-10	2.52E-10	2.67E-06	8.43E-10	2.45E-10
765	490586.72, 3860385.12	2.76E-06	8.72E-10	2.54E-10	2.73E-06	8.61E-10	2.50E-10	2.65E-06	8.36E-10	2.43E-10
766	490636.72, 3860385.12	2.74E-06	8.65E-10	2.52E-10	2.70E-06	8.54E-10	2.48E-10	2.63E-06	8.29E-10	2.41E-10
767	490686.72, 3860385.12	2.72E-06	8.59E-10	2.50E-10	2.69E-06	8.48E-10	2.47E-10	2.61E-06	8.23E-10	2.39E-10
768	490736.72, 3860385.12	2.70E-06	8.52E-10	2.48E-10	2.66E-06	8.41E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
769	490786.72, 3860385.12	2.68E-06	8.46E-10	2.46E-10	2.64E-06	8.35E-10	2.43E-10	2.57E-06	8.11E-10	2.36E-10
770	490136.72, 3860435.12	2.95E-06	9.30E-10	2.71E-10	2.91E-06	9.18E-10	2.67E-10	2.82E-06	8.91E-10	2.59E-10
771	490186.72, 3860435.12	2.91E-06	9.18E-10	2.67E-10	2.87E-06	9.06E-10	2.64E-10	2.79E-06	8.80E-10	2.56E-10
772	490236.72, 3860435.12	2.87E-06	9.07E-10	2.64E-10	2.84E-06	8.95E-10	2.60E-10	2.75E-06	8.69E-10	2.53E-10
773	490286.72, 3860435.12	2.84E-06	8.96E-10	2.60E-10	2.80E-06	8.84E-10	2.57E-10	2.72E-06	8.58E-10	2.50E-10
774	490336.72, 3860435.12	2.80E-06	8.84E-10	2.57E-10	2.77E-06	8.73E-10	2.54E-10	2.69E-06	8.47E-10	2.47E-10
775	490386.72, 3860435.12	2.77E-06	8.74E-10	2.54E-10	2.73E-06	8.63E-10	2.51E-10	2.66E-06	8.38E-10	2.44E-10
776	490436.72, 3860435.12	2.74E-06	8.65E-10	2.52E-10	2.70E-06	8.54E-10	2.48E-10	2.63E-06	8.29E-10	2.41E-10
777	490486.72, 3860435.12	2.71E-06	8.56E-10	2.49E-10	2.68E-06	8.45E-10	2.46E-10	2.60E-06	8.21E-10	2.39E-10
778	490536.72, 3860435.12	2.69E-06	8.48E-10	2.47E-10	2.65E-06	8.37E-10	2.44E-10	2.58E-06	8.13E-10	2.37E-10
779	490586.72, 3860435.12	2.66E-06	8.41E-10	2.45E-10	2.63E-06	8.30E-10	2.41E-10	2.55E-06	8.06E-10	2.34E-10
780	490636.72, 3860435.12	2.64E-06	8.33E-10	2.42E-10	2.61E-06	8.22E-10	2.39E-10	2.53E-06	7.99E-10	2.32E-10
781	490686.72, 3860435.12	2.62E-06	8.27E-10	2.41E-10	2.59E-06	8.16E-10	2.37E-10	2.51E-06	7.93E-10	2.31E-10
782	490736.72, 3860435.12	2.60E-06	8.21E-10	2.39E-10	2.57E-06	8.11E-10	2.36E-10	2.49E-06	7.87E-10	2.29E-10
783	490786.72, 3860435.12	2.58E-06	8.15E-10	2.37E-10	2.55E-06	8.04E-10	2.34E-10	2.47E-06	7.81E-10	2.27E-10
784	490136.72, 3860485.12	2.85E-06	9.01E-10	2.62E-10	2.82E-06	8.89E-10	2.59E-10	2.74E-06	8.63E-10	2.51E-10
785	490186.72, 3860485.12	2.82E-06	8.89E-10	2.58E-10	2.78E-06	8.77E-10	2.55E-10	2.70E-06	8.52E-10	2.48E-10
786	490236.72, 3860485.12	2.78E-06	8.77E-10	2.55E-10	2.74E-06	8.65E-10	2.52E-10	2.66E-06	8.40E-10	2.44E-10
787	490286.72, 3860485.12	2.74E-06	8.66E-10	2.52E-10	2.71E-06	8.55E-10	2.49E-10	2.63E-06	8.30E-10	2.41E-10
788	490336.72, 3860485.12	2.71E-06	8.56E-10	2.49E-10	2.68E-06	8.44E-10	2.46E-10	2.60E-06	8.20E-10	2.39E-10
789	490386.72, 3860485.12	2.68E-06	8.46E-10	2.46E-10	2.65E-06	8.35E-10	2.43E-10	2.57E-06	8.11E-10	2.36E-10
790	490436.72, 3860485.12	2.66E-06	8.38E-10	2.44E-10	2.62E-06	8.27E-10	2.41E-10	2.55E-06	8.03E-10	2.34E-10
791	490486.72, 3860485.12	2.63E-06	8.29E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.95E-10	2.31E-10
792	490536.72, 3860485.12	2.60E-06	8.20E-10	2.39E-10	2.57E-06	8.10E-10	2.35E-10	2.49E-06	7.86E-10	2.29E-10
793	490586.72, 3860485.12	2.57E-06	8.12E-10	2.36E-10	2.54E-06	8.02E-10	2.33E-10	2.47E-06	7.78E-10	2.26E-10
794	490636.72, 3860485.12	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.95E-10	2.31E-10	2.45E-06	7.72E-10	2.25E-10
795	490686.72, 3860485.12	2.53E-06	7.98E-10	2.32E-10	2.50E-06	7.88E-10	2.29E-10	2.42E-06	7.65E-10	2.22E-10
796	490736.72, 3860485.12	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.82E-10	2.27E-10	2.40E-06	7.59E-10	2.21E-10
797	490786.72, 3860485.12	2.49E-06	7.86E-10	2.29E-10	2.46E-06	7.76E-10	2.26E-10	2.39E-06	7.53E-10	2.19E-10
798	490136.72, 3860535.12	2.77E-06	8.73E-10	2.54E-10	2.73E-06	8.62E-10	2.51E-10	2.65E-06	8.37E-10	2.43E-10
799	490186.72, 3860535.12	2.73E-06	8.63E-10	2.51E-10	2.70E-06	8.52E-10	2.48E-10	2.62E-06	8.27E-10	2.41E-10
800	490236.72, 3860535.12	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
801	490286.72, 3860535.12	2.66E-06	8.38E-10	2.44E-10	2.62E-06	8.27E-10	2.41E-10	2.55E-06	8.03E-10	2.34E-10
802	490336.72, 3860535.12	2.63E-06	8.29E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.94E-10	2.31E-10
803	490386.72, 3860535.12	2.60E-06	8.21E-10	2.39E-10	2.57E-06	8.10E-10	2.36E-10	2.49E-06	7.87E-10	2.29E-10
804	490436.72, 3860535.12	2.58E-06	8.13E-10	2.36E-10	2.54E-06	8.02E-10	2.33E-10	2.47E-06	7.79E-10	2.27E-10
805	490486.72, 3860535.12	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
806	490536.72, 3860535.12	2.53E-06	7.99E-10	2.33E-10	2.50E-06	7.89E-10	2.29E-10	2.43E-06	7.66E-10	2.23E-10
807	490586.72, 3860535.12	2.50E-06	7.88E-10	2.29E-10	2.46E-06	7.77E-10	2.26E-10	2.39E-06	7.55E-10	2.20E-10
808	490636.72, 3860535.12	2.47E-06	7.80E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
809	490686.72, 3860535.12	2.45E-06	7.73E-10	2.25E-10	2.42E-06	7.63E-10	2.22E-10	2.35E-06	7.41E-10	2.15E-10
810	490736.72, 3860535.12	2.43E-06	7.66E-10	2.23E-10	2.39E-06	7.56E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
811	490786.72, 3860535.12	2.41E-06	7.60E-10	2.21E-10	2.38E-06	7.50E-10	2.18E-10	2.31E-06	7.28E-10	2.12E-10
812	490136.72, 3860585.12	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
813	490186.72, 3860585.12	2.64E-06	8.32E-10	2.42E-10	2.60E-06	8.21E-10	2.39E-10	2.53E-06	7.98E-10	2.32E-10
814	490236.72, 3860585.12	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
815	490286.72, 3860585.12	2.58E-06	8.13E-10	2.37E-10	2.54E-06	8.03E-10	2.34E-10	2.47E-06	7.80E-10	2.27E-10
816	490336.72, 3860585.12	2.55E-06	8.04E-10	2.34E-10	2.51E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
817	490386.72, 3860585.12	2.52E-06	7.95E-10	2.31E-10	2.49E-06	7.85E-10	2.28E-10	2.41E-06	7.62E-10	2.22E-10
818	490436.72, 3860585.12	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
819	490486.72, 3860585.12	2.49E-06	7.85E-10	2.28E-10	2.45E-06	7.74E-10	2.25E-10	2.38E-06	7.52E-10	2.19E-10
820	490536.72, 3860585.12	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
821	490586.72, 3860585.12	2.42E-06	7.63E-10	2.22E-10	2.39E-06	7.53E-10	2.19E-10	2.32E-06	7.32E-10	2.13E-10
822	490636.72, 3860585.12	2.40E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
823	490686.72, 3860585.12	2.37E-06	7.49E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.18E-10	2.09E-10
824	490736.72, 3860585.12	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10

825	490786.72, 3860585.12	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10
826	490136.72, 3860635.12	2.62E-06	8.28E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.94E-10	2.31E-10
827	490186.72, 3860635.12	2.58E-06	8.14E-10	2.37E-10	2.54E-06	8.03E-10	2.34E-10	2.47E-06	7.80E-10	2.27E-10
828	490236.72, 3860635.12	2.53E-06	8.00E-10	2.33E-10	2.50E-06	7.89E-10	2.30E-10	2.43E-06	7.66E-10	2.23E-10
829	490286.72, 3860635.12	2.50E-06	7.89E-10	2.30E-10	2.47E-06	7.79E-10	2.27E-10	2.40E-06	7.56E-10	2.20E-10
830	490336.72, 3860635.12	2.47E-06	7.81E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.48E-10	2.18E-10
831	490386.72, 3860635.12	2.45E-06	7.72E-10	2.25E-10	2.42E-06	7.62E-10	2.22E-10	2.35E-06	7.40E-10	2.15E-10
832	490436.72, 3860635.12	2.42E-06	7.64E-10	2.22E-10	2.39E-06	7.54E-10	2.19E-10	2.32E-06	7.32E-10	2.13E-10
833	490486.72, 3860635.12	2.40E-06	7.57E-10	2.20E-10	2.37E-06	7.47E-10	2.17E-10	2.30E-06	7.26E-10	2.11E-10
834	490536.72, 3860635.12	2.38E-06	7.51E-10	2.19E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
835	490586.72, 3860635.12	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10
836	490636.72, 3860635.12	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
837	490686.72, 3860635.12	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
838	490736.72, 3860635.12	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.10E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
839	490786.72, 3860635.12	2.26E-06	7.13E-10	2.07E-10	2.23E-06	7.04E-10	2.05E-10	2.17E-06	6.84E-10	1.99E-10
840	490136.72, 3860685.12	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.95E-10	2.31E-10	2.45E-06	7.72E-10	2.24E-10
841	490186.72, 3860685.12	2.52E-06	7.96E-10	2.32E-10	2.49E-06	7.86E-10	2.29E-10	2.42E-06	7.63E-10	2.22E-10
842	490236.72, 3860685.12	2.48E-06	7.82E-10	2.27E-10	2.44E-06	7.72E-10	2.24E-10	2.37E-06	7.49E-10	2.18E-10
843	490286.72, 3860685.12	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
844	490336.72, 3860685.12	2.41E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.31E-06	7.28E-10	2.12E-10
845	490386.72, 3860685.12	2.38E-06	7.51E-10	2.18E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
846	490436.72, 3860685.12	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.25E-06	7.12E-10	2.07E-10
847	490486.72, 3860685.12	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
848	490536.72, 3860685.12	2.31E-06	7.28E-10	2.12E-10	2.27E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
849	490586.72, 3860685.12	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
850	490636.72, 3860685.12	2.26E-06	7.14E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
851	490686.72, 3860685.12	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
852	490736.72, 3860685.12	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
853	490786.72, 3860685.12	2.20E-06	6.95E-10	2.02E-10	2.17E-06	6.86E-10	2.00E-10	2.11E-06	6.66E-10	1.94E-10
854	490136.72, 3860735.12	2.47E-06	7.81E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.48E-10	2.18E-10
855	490186.72, 3860735.12	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
856	490236.72, 3860735.12	2.40E-06	7.56E-10	2.20E-10	2.37E-06	7.46E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
857	490286.72, 3860735.12	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
858	490336.72, 3860735.12	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
859	490386.72, 3860735.12	2.31E-06	7.31E-10	2.12E-10	2.28E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
860	490436.72, 3860735.12	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
861	490486.72, 3860735.12	2.27E-06	7.17E-10	2.08E-10	2.24E-06	7.07E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
862	490536.72, 3860735.12	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
863	490586.72, 3860735.12	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
864	490636.72, 3860735.12	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10
865	490686.72, 3860735.12	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.98E-10	2.09E-06	6.59E-10	1.92E-10
866	490736.72, 3860735.12	2.16E-06	6.83E-10	1.99E-10	2.14E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
867	490136.72, 3860785.12	2.40E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
868	490186.72, 3860785.12	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
869	490236.72, 3860785.12	2.33E-06	7.36E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.24E-06	7.05E-10	2.05E-10
870	490286.72, 3860785.12	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.09E-10	2.21E-06	6.96E-10	2.03E-10
871	490336.72, 3860785.12	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
872	490386.72, 3860785.12	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
873	490436.72, 3860785.12	2.23E-06	7.04E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
874	490486.72, 3860785.12	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.95E-10
875	490536.72, 3860785.12	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.61E-10	1.92E-10
876	490586.72, 3860785.12	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
877	490636.72, 3860785.12	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
878	490686.72, 3860785.12	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
879	490736.72, 3860785.12	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.55E-10	1.90E-10	2.01E-06	6.36E-10	1.85E-10
880	490086.72, 3860835.12	2.39E-06	7.53E-10	2.19E-10	2.36E-06	7.44E-10	2.16E-10	2.29E-06	7.22E-10	2.10E-10
881	490136.72, 3860835.12	2.35E-06	7.41E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.10E-10	2.07E-10
882	490186.72, 3860835.12	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
883	490236.72, 3860835.12	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
884	490286.72, 3860835.12	2.24E-06	7.09E-10	2.06E-10	2.22E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.98E-10
885	490336.72, 3860835.12	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
886	490386.72, 3860835.12	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
887	490436.72, 3860835.12	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.56E-10	1.91E-10
888	490486.72, 3860835.12	2.15E-06	6.79E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
889	490536.72, 3860835.12	2.13E-06	6.72E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
890	490586.72, 3860835.12	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10
891	490636.72, 3860835.12	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.48E-10	1.88E-10	1.99E-06	6.29E-10	1.83E-10
892	490686.72, 3860835.12	2.06E-06	6.51E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.98E-06	6.23E-10	1.81E-10
893	490736.72, 3860835.12	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10

894	490086.72, 3860885.12	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
895	490136.72, 3860885.12	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
896	490186.72, 3860885.12	2.26E-06	7.12E-10	2.07E-10	2.23E-06	7.03E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
897	490236.72, 3860885.12	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
898	490286.72, 3860885.12	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
899	490336.72, 3860885.12	2.16E-06	6.82E-10	1.99E-10	2.13E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
900	490386.72, 3860885.12	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
901	490436.72, 3860885.12	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
902	490486.72, 3860885.12	2.10E-06	6.62E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
903	490536.72, 3860885.12	2.07E-06	6.55E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
904	490586.72, 3860885.12	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.80E-10
905	490636.72, 3860885.12	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.14E-10	1.78E-10
906	490686.72, 3860885.12	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
907	490736.72, 3860885.12	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
908	490086.72, 3860935.12	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
909	490136.72, 3860935.12	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.77E-10	1.97E-10
910	490186.72, 3860935.12	2.20E-06	6.96E-10	2.02E-10	2.18E-06	6.86E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
911	490236.72, 3860935.12	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
912	490286.72, 3860935.12	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
913	490336.72, 3860935.12	2.11E-06	6.67E-10	1.94E-10	2.09E-06	6.58E-10	1.91E-10	2.03E-06	6.39E-10	1.86E-10
914	490386.72, 3860935.12	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
915	490436.72, 3860935.12	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.45E-10	1.87E-10	1.98E-06	6.26E-10	1.82E-10
916	490486.72, 3860935.12	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
917	490536.72, 3860935.12	2.03E-06	6.39E-10	1.86E-10	2.00E-06	6.31E-10	1.83E-10	1.94E-06	6.13E-10	1.78E-10
918	490586.72, 3860935.12	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
919	490636.72, 3860935.12	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
920	490686.72, 3860935.12	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
921	490736.72, 3860935.12	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
922	490786.72, 3860935.12	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
923	490836.72, 3860935.12	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.77E-10	1.68E-10
924	490086.72, 3860985.12	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
925	490136.72, 3860985.12	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
926	490186.72, 3860985.12	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
927	490236.72, 3860985.12	2.12E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
928	490286.72, 3860985.12	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
929	490336.72, 3860985.12	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.44E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
930	490386.72, 3860985.12	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
931	490436.72, 3860985.12	2.02E-06	6.39E-10	1.86E-10	2.00E-06	6.30E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10
932	490486.72, 3860985.12	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
933	490536.72, 3860985.12	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
934	490586.72, 3860985.12	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
935	490636.72, 3860985.12	1.93E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
936	490686.72, 3860985.12	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
937	490736.72, 3860985.12	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.90E-10	1.71E-10	1.81E-06	5.73E-10	1.67E-10
938	490786.72, 3860985.12	1.87E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
939	490836.72, 3860985.12	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.68E-10	1.78E-06	5.63E-10	1.64E-10
940	490086.72, 3861035.12	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
941	490136.72, 3861035.12	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
942	490186.72, 3861035.12	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
943	490236.72, 3861035.12	2.08E-06	6.58E-10	1.91E-10	2.06E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
944	490286.72, 3861035.12	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.20E-10	1.80E-10
945	490336.72, 3861035.12	2.02E-06	6.38E-10	1.86E-10	2.00E-06	6.30E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10
946	490386.72, 3861035.12	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
947	490436.72, 3861035.12	1.98E-06	6.25E-10	1.82E-10	1.96E-06	6.17E-10	1.80E-10	1.90E-06	5.99E-10	1.74E-10
948	490486.72, 3861035.12	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
949	490536.72, 3861035.12	1.94E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
950	490586.72, 3861035.12	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
951	490636.72, 3861035.12	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
952	490686.72, 3861035.12	1.87E-06	5.90E-10	1.72E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
953	490736.72, 3861035.12	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
954	490786.72, 3861035.12	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.71E-10	1.66E-10	1.76E-06	5.54E-10	1.61E-10
955	490836.72, 3861035.12	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
956	490086.72, 3861085.12	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
957	490136.72, 3861085.12	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
958	490186.72, 3861085.12	2.08E-06	6.58E-10	1.91E-10	2.06E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
959	490236.72, 3861085.12	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
960	490286.72, 3861085.12	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
961	490336.72, 3861085.12	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.75E-10
962	490386.72, 3861085.12	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.73E-10

963	490436.72, 3861085.12	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
964	490486.72, 3861085.12	1.92E-06	6.05E-10	1.76E-10	1.89E-06	5.97E-10	1.74E-10	1.84E-06	5.80E-10	1.69E-10
965	490536.72, 3861085.12	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
966	490586.72, 3861085.12	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
967	490636.72, 3861085.12	1.85E-06	5.84E-10	1.70E-10	1.82E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
968	490686.72, 3861085.12	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
969	490736.72, 3861085.12	1.81E-06	5.71E-10	1.66E-10	1.79E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
970	490786.72, 3861085.12	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
971	490836.72, 3861085.12	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
972	490086.72, 3861135.12	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
973	490136.72, 3861135.12	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.48E-10	1.89E-10	1.99E-06	6.29E-10	1.83E-10
974	490186.72, 3861135.12	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
975	490236.72, 3861135.12	2.01E-06	6.35E-10	1.85E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
976	490286.72, 3861135.12	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
977	490336.72, 3861135.12	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
978	490386.72, 3861135.12	1.92E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
979	490436.72, 3861135.12	1.90E-06	6.00E-10	1.74E-10	1.88E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
980	490486.72, 3861135.12	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
981	490536.72, 3861135.12	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.62E-10	1.63E-10
982	490586.72, 3861135.12	1.83E-06	5.79E-10	1.68E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.61E-10
983	490636.72, 3861135.12	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.74E-06	5.48E-10	1.59E-10
984	490686.72, 3861135.12	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
985	490736.72, 3861135.12	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
986	490786.72, 3861135.12	1.75E-06	5.54E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.31E-10	1.54E-10
987	490836.72, 3861135.12	1.74E-06	5.48E-10	1.59E-10	1.71E-06	5.41E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
988	490086.72, 3861185.12	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
989	490136.72, 3861185.12	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.36E-10	1.85E-10	1.96E-06	6.17E-10	1.80E-10
990	490186.72, 3861185.12	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.82E-10	1.92E-06	6.06E-10	1.76E-10
991	490236.72, 3861185.12	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
992	490286.72, 3861185.12	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
993	490336.72, 3861185.12	1.91E-06	6.03E-10	1.75E-10	1.88E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
994	490386.72, 3861185.12	1.89E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
995	490436.72, 3861185.12	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
996	490486.72, 3861185.12	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
997	490536.72, 3861185.12	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.60E-10
998	490586.72, 3861185.12	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
999	490636.72, 3861185.12	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
1000	490686.72, 3861185.12	1.75E-06	5.54E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.31E-10	1.54E-10
1001	490736.72, 3861185.12	1.74E-06	5.48E-10	1.59E-10	1.71E-06	5.41E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1002	490786.72, 3861185.12	1.72E-06	5.43E-10	1.58E-10	1.70E-06	5.36E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1003	490836.72, 3861185.12	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1004	490086.72, 3861235.12	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
1005	490136.72, 3861235.12	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.92E-06	6.08E-10	1.77E-10
1006	490186.72, 3861235.12	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
1007	490236.72, 3861235.12	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1008	490386.72, 3861235.12	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.76E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
1009	490436.72, 3861235.12	1.82E-06	5.75E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.51E-10	1.60E-10
1010	490486.72, 3861235.12	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
1011	490536.72, 3861235.12	1.79E-06	5.64E-10	1.64E-10	1.76E-06	5.57E-10	1.62E-10	1.71E-06	5.41E-10	1.57E-10
1012	490586.72, 3861235.12	1.77E-06	5.59E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1013	490636.72, 3861235.12	1.74E-06	5.49E-10	1.60E-10	1.72E-06	5.42E-10	1.58E-10	1.67E-06	5.26E-10	1.53E-10
1014	490686.72, 3861235.12	1.72E-06	5.43E-10	1.58E-10	1.70E-06	5.36E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1015	490736.72, 3861235.12	1.70E-06	5.38E-10	1.56E-10	1.68E-06	5.31E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1016	490786.72, 3861235.12	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
1017	490836.72, 3861235.12	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1018	490086.72, 3861285.12	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.14E-10	1.78E-10
1019	490136.72, 3861285.12	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.90E-06	6.01E-10	1.75E-10
1020	490186.72, 3861285.12	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1021	490236.72, 3861285.12	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.72E-10	1.82E-06	5.76E-10	1.68E-10
1022	490386.72, 3861285.12	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
1023	490436.72, 3861285.12	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
1024	490486.72, 3861285.12	1.77E-06	5.58E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1025	490536.72, 3861285.12	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
1026	490586.72, 3861285.12	1.73E-06	5.46E-10	1.59E-10	1.71E-06	5.39E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1027	490636.72, 3861285.12	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.63E-06	5.16E-10	1.50E-10
1028	490686.72, 3861285.12	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
1029	490736.72, 3861285.12	1.67E-06	5.28E-10	1.54E-10	1.65E-06	5.21E-10	1.52E-10	1.60E-06	5.06E-10	1.47E-10
1030	490786.72, 3861285.12	1.65E-06	5.22E-10	1.52E-10	1.63E-06	5.15E-10	1.50E-10	1.59E-06	5.00E-10	1.46E-10
1031	490836.72, 3861285.12	1.63E-06	5.16E-10	1.50E-10	1.61E-06	5.09E-10	1.48E-10	1.57E-06	4.94E-10	1.44E-10

1032	490061.24, 3859716.13	6.76E-06	2.13E-09	6.21E-10	6.67E-06	2.11E-09	6.13E-10	6.48E-06	2.05E-09	5.95E-10
1033	490111.24, 3859716.13	6.64E-06	2.10E-09	6.10E-10	6.55E-06	2.07E-09	6.02E-10	6.37E-06	2.01E-09	5.84E-10
1034	490161.24, 3859716.13	6.52E-06	2.06E-09	5.98E-10	6.43E-06	2.03E-09	5.91E-10	6.25E-06	1.97E-09	5.73E-10
1035	490211.24, 3859716.13	6.39E-06	2.02E-09	5.87E-10	6.31E-06	1.99E-09	5.79E-10	6.13E-06	1.93E-09	5.62E-10
1036	490061.24, 3859766.13	6.20E-06	1.96E-09	5.69E-10	6.12E-06	1.93E-09	5.61E-10	5.94E-06	1.87E-09	5.45E-10
1037	490111.24, 3859766.13	6.10E-06	1.93E-09	5.60E-10	6.02E-06	1.90E-09	5.53E-10	5.85E-06	1.85E-09	5.37E-10
1038	490161.24, 3859766.13	6.00E-06	1.89E-09	5.51E-10	5.92E-06	1.87E-09	5.44E-10	5.75E-06	1.81E-09	5.28E-10
1039	490211.24, 3859766.13	5.90E-06	1.86E-09	5.42E-10	5.83E-06	1.84E-09	5.35E-10	5.66E-06	1.79E-09	5.19E-10
1040	490061.24, 3859816.13	5.70E-06	1.80E-09	5.23E-10	5.62E-06	1.78E-09	5.16E-10	5.46E-06	1.72E-09	5.01E-10
1041	490111.24, 3859816.13	5.62E-06	1.77E-09	5.16E-10	5.55E-06	1.75E-09	5.09E-10	5.39E-06	1.70E-09	4.95E-10
1042	490161.24, 3859816.13	5.54E-06	1.75E-09	5.09E-10	5.47E-06	1.73E-09	5.02E-10	5.31E-06	1.68E-09	4.88E-10
1043	490211.24, 3859816.13	5.47E-06	1.73E-09	5.02E-10	5.39E-06	1.70E-09	4.95E-10	5.24E-06	1.65E-09	4.81E-10
1044	490061.24, 3859866.13	5.27E-06	1.66E-09	4.84E-10	5.20E-06	1.64E-09	4.77E-10	5.05E-06	1.59E-09	4.64E-10
1045	490111.24, 3859866.13	5.21E-06	1.64E-09	4.78E-10	5.14E-06	1.62E-09	4.72E-10	4.99E-06	1.58E-09	4.58E-10
1046	490161.24, 3859866.13	5.15E-06	1.63E-09	4.73E-10	5.08E-06	1.60E-09	4.67E-10	4.94E-06	1.56E-09	4.53E-10
1047	490211.24, 3859866.13	5.09E-06	1.61E-09	4.67E-10	5.02E-06	1.58E-09	4.61E-10	4.88E-06	1.54E-09	4.48E-10
1048	490061.24, 3859916.13	4.90E-06	1.55E-09	4.50E-10	4.83E-06	1.53E-09	4.44E-10	4.69E-06	1.48E-09	4.31E-10
1049	490111.24, 3859916.13	4.85E-06	1.53E-09	4.45E-10	4.79E-06	1.51E-09	4.39E-10	4.65E-06	1.47E-09	4.27E-10
1050	490161.24, 3859916.13	4.80E-06	1.51E-09	4.41E-10	4.74E-06	1.49E-09	4.35E-10	4.60E-06	1.45E-09	4.22E-10
1051	490211.24, 3859916.13	4.75E-06	1.50E-09	4.36E-10	4.68E-06	1.48E-09	4.30E-10	4.55E-06	1.44E-09	4.18E-10
1052	490229.25, 3859815.26	5.45E-06	1.72E-09	5.00E-10	5.38E-06	1.70E-09	4.94E-10	5.22E-06	1.65E-09	4.79E-10
1053	490279.25, 3859815.26	5.37E-06	1.69E-09	4.93E-10	5.30E-06	1.67E-09	4.86E-10	5.14E-06	1.62E-09	4.72E-10
1054	490329.25, 3859815.26	5.28E-06	1.67E-09	4.85E-10	5.21E-06	1.65E-09	4.79E-10	5.06E-06	1.60E-09	4.65E-10
1055	490379.25, 3859815.26	5.22E-06	1.65E-09	4.79E-10	5.15E-06	1.63E-09	4.73E-10	5.00E-06	1.58E-09	4.59E-10
1056	490429.25, 3859815.26	5.17E-06	1.63E-09	4.75E-10	5.11E-06	1.61E-09	4.69E-10	4.96E-06	1.56E-09	4.55E-10
1057	490229.25, 3859865.26	5.07E-06	1.60E-09	4.66E-10	5.00E-06	1.58E-09	4.59E-10	4.86E-06	1.53E-09	4.46E-10
1058	490279.25, 3859865.26	5.00E-06	1.58E-09	4.59E-10	4.94E-06	1.56E-09	4.53E-10	4.79E-06	1.51E-09	4.40E-10
1059	490329.25, 3859865.26	4.93E-06	1.56E-09	4.53E-10	4.87E-06	1.54E-09	4.47E-10	4.73E-06	1.49E-09	4.34E-10
1060	490379.25, 3859865.26	4.87E-06	1.54E-09	4.47E-10	4.80E-06	1.52E-09	4.41E-10	4.67E-06	1.47E-09	4.28E-10
1061	490429.25, 3859865.26	4.81E-06	1.52E-09	4.42E-10	4.75E-06	1.50E-09	4.36E-10	4.61E-06	1.46E-09	4.23E-10
1062	490229.25, 3859915.26	4.73E-06	1.49E-09	4.35E-10	4.67E-06	1.47E-09	4.29E-10	4.54E-06	1.43E-09	4.16E-10
1063	490279.25, 3859915.26	4.67E-06	1.47E-09	4.29E-10	4.61E-06	1.46E-09	4.23E-10	4.48E-06	1.41E-09	4.11E-10
1064	490329.25, 3859915.26	4.62E-06	1.46E-09	4.24E-10	4.56E-06	1.44E-09	4.18E-10	4.42E-06	1.40E-09	4.06E-10
1065	490379.25, 3859915.26	4.56E-06	1.44E-09	4.19E-10	4.50E-06	1.42E-09	4.13E-10	4.37E-06	1.38E-09	4.01E-10
1066	490429.25, 3859915.26	4.50E-06	1.42E-09	4.13E-10	4.44E-06	1.40E-09	4.08E-10	4.32E-06	1.36E-09	3.96E-10
1067	490451.43, 3859872.59	4.74E-06	1.50E-09	4.35E-10	4.68E-06	1.48E-09	4.29E-10	4.54E-06	1.43E-09	4.17E-10
1068	490501.43, 3859872.59	4.70E-06	1.48E-09	4.32E-10	4.64E-06	1.46E-09	4.26E-10	4.51E-06	1.42E-09	4.14E-10
1069	490551.43, 3859872.59	4.69E-06	1.48E-09	4.30E-10	4.62E-06	1.46E-09	4.25E-10	4.49E-06	1.42E-09	4.12E-10
1070	490601.43, 3859872.59	4.68E-06	1.48E-09	4.29E-10	4.61E-06	1.46E-09	4.24E-10	4.48E-06	1.41E-09	4.11E-10
1071	490451.43, 3859922.59	4.44E-06	1.40E-09	4.08E-10	4.38E-06	1.38E-09	4.02E-10	4.25E-06	1.34E-09	3.91E-10
1072	490501.43, 3859922.59	4.40E-06	1.39E-09	4.04E-10	4.34E-06	1.37E-09	3.98E-10	4.21E-06	1.33E-09	3.87E-10
1073	490551.43, 3859922.59	4.37E-06	1.38E-09	4.01E-10	4.32E-06	1.36E-09	3.96E-10	4.19E-06	1.32E-09	3.85E-10
1074	490601.43, 3859922.59	4.36E-06	1.38E-09	4.00E-10	4.30E-06	1.36E-09	3.95E-10	4.18E-06	1.32E-09	3.84E-10
1075	482129.67, 3852241.07	1.68E-07	5.31E-11	1.55E-11	1.66E-07	5.25E-11	1.53E-11	1.61E-07	5.09E-11	1.48E-11
1076	482029.67, 3852291.07	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.59E-07	5.00E-11	1.46E-11
1077	482079.67, 3852291.07	1.67E-07	5.27E-11	1.53E-11	1.65E-07	5.20E-11	1.51E-11	1.60E-07	5.05E-11	1.47E-11
1078	482129.67, 3852291.07	1.69E-07	5.32E-11	1.55E-11	1.66E-07	5.25E-11	1.53E-11	1.62E-07	5.10E-11	1.48E-11
1079	482179.67, 3852291.07	1.70E-07	5.36E-11	1.56E-11	1.68E-07	5.29E-11	1.54E-11	1.63E-07	5.14E-11	1.50E-11
1080	482229.67, 3852291.07	1.71E-07	5.39E-11	1.57E-11	1.69E-07	5.32E-11	1.55E-11	1.64E-07	5.17E-11	1.50E-11
1081	482029.67, 3852341.07	1.66E-07	5.24E-11	1.52E-11	1.64E-07	5.17E-11	1.50E-11	1.59E-07	5.02E-11	1.46E-11
1082	482079.67, 3852341.07	1.67E-07	5.29E-11	1.54E-11	1.65E-07	5.22E-11	1.52E-11	1.61E-07	5.07E-11	1.47E-11
1083	482129.67, 3852341.07	1.69E-07	5.34E-11	1.55E-11	1.67E-07	5.27E-11	1.53E-11	1.62E-07	5.12E-11	1.49E-11
1084	482179.67, 3852341.07	1.71E-07	5.38E-11	1.57E-11	1.68E-07	5.31E-11	1.55E-11	1.64E-07	5.16E-11	1.50E-11
1085	482259.06, 3852400.14	1.75E-07	5.52E-11	1.61E-11	1.73E-07	5.45E-11	1.59E-11	1.68E-07	5.29E-11	1.54E-11
1086	482309.06, 3852400.14	1.75E-07	5.54E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.31E-11	1.54E-11
1087	482209.06, 3852450.14	1.74E-07	5.48E-11	1.59E-11	1.71E-07	5.41E-11	1.57E-11	1.67E-07	5.26E-11	1.53E-11
1088	482259.06, 3852450.14	1.75E-07	5.53E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.30E-11	1.54E-11
1089	482309.06, 3852450.14	1.76E-07	5.56E-11	1.62E-11	1.74E-07	5.48E-11	1.60E-11	1.69E-07	5.33E-11	1.55E-11
1090	482209.06, 3852500.14	1.74E-07	5.49E-11	1.60E-11	1.72E-07	5.42E-11	1.58E-11	1.67E-07	5.26E-11	1.53E-11
1091	482259.06, 3852500.14	1.75E-07	5.54E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.31E-11	1.54E-11
1092	482309.06, 3852500.14	1.77E-07	5.58E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.35E-11	1.55E-11
1093	482283.91, 3852513.62	1.76E-07	5.56E-11	1.62E-11	1.74E-07	5.49E-11	1.60E-11	1.69E-07	5.33E-11	1.55E-11
1094	482333.91, 3852513.62	1.78E-07	5.61E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
1095	482283.91, 3852563.62	1.77E-07	5.58E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.69E-07	5.35E-11	1.56E-11
1096	482333.91, 3852563.62	1.79E-07	5.64E-11	1.64E-11	1.76E-07	5.57E-11	1.62E-11	1.71E-07	5.40E-11	1.57E-11
1097	482383.91, 3852563.62	1.80E-07	5.69E-11	1.66E-11	1.78E-07	5.62E-11	1.63E-11	1.73E-07	5.46E-11	1.59E-11
1098	482283.91, 3852613.62	1.77E-07	5.58E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.69E-07	5.35E-11	1.56E-11
1099	482333.91, 3852613.62	1.79E-07	5.65E-11	1.64E-11	1.77E-07	5.57E-11	1.62E-11	1.71E-07	5.41E-11	1.57E-11
1100	482383.91, 3852613.62	1.81E-07	5.71E-11	1.66E-11	1.79E-07	5.64E-11	1.64E-11	1.73E-07	5.48E-11	1.59E-11

1101	482602.38, 3852600.87	1.87E-07	5.90E-11	1.72E-11	1.84E-07	5.82E-11	1.69E-11	1.79E-07	5.65E-11	1.64E-11
1102	482652.38, 3852600.87	1.89E-07	5.95E-11	1.73E-11	1.86E-07	5.87E-11	1.71E-11	1.81E-07	5.70E-11	1.66E-11
1103	482702.38, 3852600.87	1.89E-07	5.95E-11	1.73E-11	1.86E-07	5.87E-11	1.71E-11	1.81E-07	5.70E-11	1.66E-11
1104	482552.38, 3852650.87	1.86E-07	5.88E-11	1.71E-11	1.84E-07	5.80E-11	1.69E-11	1.78E-07	5.63E-11	1.64E-11
1105	482602.38, 3852650.87	1.88E-07	5.93E-11	1.72E-11	1.85E-07	5.85E-11	1.70E-11	1.80E-07	5.68E-11	1.65E-11
1106	482652.38, 3852650.87	1.90E-07	5.99E-11	1.74E-11	1.87E-07	5.91E-11	1.72E-11	1.82E-07	5.74E-11	1.67E-11
1107	482702.38, 3852650.87	1.92E-07	6.05E-11	1.76E-11	1.89E-07	5.97E-11	1.74E-11	1.84E-07	5.79E-11	1.69E-11
1108	482552.38, 3852700.87	1.87E-07	5.89E-11	1.71E-11	1.84E-07	5.81E-11	1.69E-11	1.79E-07	5.64E-11	1.64E-11
1109	482602.38, 3852700.87	1.89E-07	5.96E-11	1.73E-11	1.86E-07	5.88E-11	1.71E-11	1.81E-07	5.71E-11	1.66E-11
1110	482652.38, 3852700.87	1.92E-07	6.05E-11	1.76E-11	1.89E-07	5.97E-11	1.74E-11	1.84E-07	5.79E-11	1.69E-11
1111	482702.38, 3852700.87	1.93E-07	6.10E-11	1.77E-11	1.91E-07	6.02E-11	1.75E-11	1.85E-07	5.85E-11	1.70E-11
1112	482452.38, 3852750.87	1.84E-07	5.80E-11	1.69E-11	1.81E-07	5.72E-11	1.66E-11	1.76E-07	5.56E-11	1.62E-11
1113	482521.29, 3852749.74	1.86E-07	5.88E-11	1.71E-11	1.84E-07	5.80E-11	1.69E-11	1.78E-07	5.63E-11	1.64E-11
1114	482571.29, 3852749.74	1.88E-07	5.94E-11	1.73E-11	1.86E-07	5.86E-11	1.70E-11	1.80E-07	5.69E-11	1.66E-11
1115	482521.29, 3852799.74	1.87E-07	5.90E-11	1.72E-11	1.84E-07	5.82E-11	1.69E-11	1.79E-07	5.65E-11	1.64E-11
1116	482571.29, 3852799.74	1.89E-07	5.96E-11	1.73E-11	1.86E-07	5.88E-11	1.71E-11	1.81E-07	5.71E-11	1.66E-11
1117	482621.29, 3852799.74	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
1118	482571.29, 3852849.74	1.89E-07	5.97E-11	1.74E-11	1.87E-07	5.89E-11	1.71E-11	1.81E-07	5.72E-11	1.66E-11
1119	482621.29, 3852849.74	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
1120	482577.42, 3852901.55	1.89E-07	5.97E-11	1.74E-11	1.87E-07	5.89E-11	1.71E-11	1.81E-07	5.72E-11	1.66E-11
1121	482627.42, 3852901.55	1.91E-07	6.03E-11	1.75E-11	1.88E-07	5.95E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
1122	482629.96, 3852955.85	1.91E-07	6.04E-11	1.76E-11	1.89E-07	5.96E-11	1.73E-11	1.83E-07	5.79E-11	1.68E-11
1123	482679.96, 3852955.85	1.93E-07	6.10E-11	1.77E-11	1.91E-07	6.02E-11	1.75E-11	1.85E-07	5.84E-11	1.70E-11
1124	482781.63, 3853034.48	1.97E-07	6.22E-11	1.81E-11	1.94E-07	6.14E-11	1.79E-11	1.89E-07	5.96E-11	1.73E-11
1125	482831.63, 3853034.48	1.99E-07	6.28E-11	1.83E-11	1.96E-07	6.19E-11	1.80E-11	1.91E-07	6.01E-11	1.75E-11
1126	482881.63, 3853034.48	2.01E-07	6.34E-11	1.84E-11	1.98E-07	6.26E-11	1.82E-11	1.93E-07	6.08E-11	1.77E-11
1127	482781.63, 3853084.48	1.97E-07	6.23E-11	1.81E-11	1.95E-07	6.15E-11	1.79E-11	1.89E-07	5.97E-11	1.74E-11
1128	482831.63, 3853084.48	1.99E-07	6.28E-11	1.83E-11	1.97E-07	6.20E-11	1.80E-11	1.91E-07	6.02E-11	1.75E-11
1129	482881.63, 3853084.48	2.01E-07	6.35E-11	1.85E-11	1.99E-07	6.27E-11	1.82E-11	1.93E-07	6.09E-11	1.77E-11
1130	482781.63, 3853134.48	1.98E-07	6.25E-11	1.82E-11	1.95E-07	6.17E-11	1.79E-11	1.90E-07	5.99E-11	1.74E-11
1131	482831.63, 3853134.48	2.00E-07	6.30E-11	1.83E-11	1.97E-07	6.22E-11	1.81E-11	1.91E-07	6.04E-11	1.76E-11
1132	482881.63, 3853134.48	2.02E-07	6.37E-11	1.85E-11	1.99E-07	6.29E-11	1.83E-11	1.94E-07	6.11E-11	1.78E-11
1133	482831.63, 3853184.48	2.01E-07	6.33E-11	1.84E-11	1.98E-07	6.25E-11	1.82E-11	1.92E-07	6.07E-11	1.76E-11
1134	482881.63, 3853184.48	2.03E-07	6.39E-11	1.86E-11	2.00E-07	6.31E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
1135	484154.84, 3854250.98	2.38E-07	7.52E-11	2.19E-11	2.35E-07	7.42E-11	2.16E-11	2.28E-07	7.20E-11	2.10E-11
1136	484204.84, 3854250.98	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.26E-11	2.11E-11
1137	484154.84, 3854300.98	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.24E-07	7.05E-11	2.05E-11
1138	484204.84, 3854300.98	2.36E-07	7.45E-11	2.17E-11	2.33E-07	7.35E-11	2.14E-11	2.26E-07	7.14E-11	2.08E-11
1139	484074.19, 3854519.8	2.30E-07	7.27E-11	2.12E-11	2.27E-07	7.18E-11	2.09E-11	2.21E-07	6.97E-11	2.03E-11
1140	484124.19, 3854519.8	2.29E-07	7.21E-11	2.10E-11	2.26E-07	7.12E-11	2.07E-11	2.19E-07	6.91E-11	2.01E-11
1141	484074.19, 3854569.8	2.32E-07	7.33E-11	2.13E-11	2.29E-07	7.24E-11	2.10E-11	2.23E-07	7.03E-11	2.04E-11
1142	484124.19, 3854569.8	2.29E-07	7.22E-11	2.10E-11	2.26E-07	7.12E-11	2.07E-11	2.19E-07	6.92E-11	2.01E-11
1143	485205.11, 3855188.89	3.55E-07	1.12E-10	3.26E-11	3.51E-07	1.11E-10	3.22E-11	3.40E-07	1.07E-10	3.13E-11
1144	485255.11, 3855188.89	3.55E-07	1.12E-10	3.26E-11	3.51E-07	1.11E-10	3.22E-11	3.40E-07	1.07E-10	3.13E-11
1145	485205.11, 3855238.89	3.54E-07	1.12E-10	3.25E-11	3.50E-07	1.10E-10	3.21E-11	3.40E-07	1.07E-10	3.12E-11
1146	485255.11, 3855238.89	3.59E-07	1.13E-10	3.30E-11	3.55E-07	1.12E-10	3.26E-11	3.44E-07	1.09E-10	3.16E-11
1147	485205.11, 3855288.89	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.33E-11	3.52E-07	1.11E-10	3.24E-11
1148	485255.11, 3855288.89	3.70E-07	1.17E-10	3.40E-11	3.65E-07	1.15E-10	3.35E-11	3.55E-07	1.12E-10	3.26E-11
1149	485255.11, 3855338.89	3.81E-07	1.20E-10	3.50E-11	3.76E-07	1.19E-10	3.45E-11	3.65E-07	1.15E-10	3.35E-11
1150	485305.11, 3855338.89	3.83E-07	1.21E-10	3.52E-11	3.78E-07	1.19E-10	3.47E-11	3.67E-07	1.16E-10	3.37E-11
1151	485852.5, 3855635.28	4.86E-07	1.53E-10	4.46E-11	4.80E-07	1.51E-10	4.41E-11	4.66E-07	1.47E-10	4.28E-11
1152	485902.5, 3855635.28	4.84E-07	1.53E-10	4.45E-11	4.78E-07	1.51E-10	4.39E-11	4.64E-07	1.47E-10	4.26E-11
1153	485852.5, 3855685.28	4.94E-07	1.56E-10	4.54E-11	4.88E-07	1.54E-10	4.48E-11	4.73E-07	1.49E-10	4.35E-11
1154	485902.5, 3855685.28	4.94E-07	1.56E-10	4.54E-11	4.88E-07	1.54E-10	4.48E-11	4.74E-07	1.50E-10	4.35E-11
1155	485852.5, 3855735.28	5.00E-07	1.58E-10	4.59E-11	4.94E-07	1.56E-10	4.53E-11	4.79E-07	1.51E-10	4.40E-11
1156	485902.5, 3855735.28	5.05E-07	1.59E-10	4.64E-11	4.99E-07	1.57E-10	4.58E-11	4.84E-07	1.53E-10	4.44E-11
1157	485852.5, 3855785.28	5.08E-07	1.60E-10	4.67E-11	5.02E-07	1.58E-10	4.61E-11	4.87E-07	1.54E-10	4.47E-11
1158	485902.5, 3855785.28	5.10E-07	1.61E-10	4.68E-11	5.03E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
1159	486809.46, 3856465.28	7.75E-07	2.45E-10	7.11E-11	7.65E-07	2.41E-10	7.02E-11	7.43E-07	2.34E-10	6.82E-11
1160	486859.46, 3856465.28	7.81E-07	2.46E-10	7.17E-11	7.71E-07	2.43E-10	7.07E-11	7.48E-07	2.36E-10	6.87E-11
1161	486909.46, 3856465.28	7.82E-07	2.47E-10	7.18E-11	7.72E-07	2.44E-10	7.08E-11	7.49E-07	2.36E-10	6.88E-11
1162	486809.46, 3856515.28	7.99E-07	2.52E-10	7.34E-11	7.89E-07	2.49E-10	7.24E-11	7.66E-07	2.42E-10	7.03E-11
1163	486859.46, 3856515.28	8.11E-07	2.56E-10	7.44E-11	8.00E-07	2.53E-10	7.35E-11	7.77E-07	2.45E-10	7.13E-11
1164	486909.46, 3856515.28	8.16E-07	2.58E-10	7.49E-11	8.06E-07	2.54E-10	7.40E-11	7.82E-07	2.47E-10	7.18E-11
1165	486980.94, 3856357.95	7.15E-07	2.26E-10	6.56E-11	7.06E-07	2.23E-10	6.48E-11	6.85E-07	2.16E-10	6.29E-11
1166	487030.94, 3856357.95	7.16E-07	2.26E-10	6.57E-11	7.07E-07	2.23E-10	6.49E-11	6.86E-07	2.17E-10	6.30E-11
1167	486980.94, 3856407.95	7.47E-07	2.36E-10	6.86E-11	7.37E-07	2.33E-10	6.77E-11	7.16E-07	2.26E-10	6.57E-11
1168	487030.94, 3856407.95	7.46E-07	2.35E-10	6.85E-11	7.36E-07	2.32E-10	6.76E-11	7.15E-07	2.26E-10	6.56E-11
1169	487447.18, 3856437.45	8.10E-07	2.56E-10	7.44E-11	7.99E-07	2.52E-10	7.34E-11	7.76E-07	2.45E-10	7.13E-11

1170	487497.18, 3856437.45	8.18E-07	2.58E-10	7.51E-11	8.08E-07	2.55E-10	7.41E-11	7.84E-07	2.48E-10	7.20E-11
1171	487547.18, 3856437.45	8.28E-07	2.61E-10	7.60E-11	8.17E-07	2.58E-10	7.50E-11	7.93E-07	2.50E-10	7.28E-11
1172	487447.18, 3856487.45	8.39E-07	2.65E-10	7.71E-11	8.29E-07	2.62E-10	7.61E-11	8.05E-07	2.54E-10	7.39E-11
1173	487497.18, 3856487.45	8.48E-07	2.68E-10	7.78E-11	8.37E-07	2.64E-10	7.68E-11	8.13E-07	2.56E-10	7.46E-11
1174	487547.18, 3856487.45	8.58E-07	2.71E-10	7.87E-11	8.46E-07	2.67E-10	7.77E-11	8.22E-07	2.59E-10	7.55E-11
1175	487447.18, 3856537.45	8.70E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.89E-11	8.34E-07	2.63E-10	7.66E-11
1176	487497.18, 3856537.45	8.79E-07	2.77E-10	8.07E-11	8.67E-07	2.74E-10	7.96E-11	8.42E-07	2.66E-10	7.73E-11
1177	487547.18, 3856537.45	8.90E-07	2.81E-10	8.17E-11	8.78E-07	2.77E-10	8.06E-11	8.53E-07	2.69E-10	7.83E-11
1178	489285.89, 3858826.54	1.12E-04	3.53E-08	1.03E-08	1.10E-04	3.48E-08	1.01E-08	1.07E-04	3.38E-08	9.83E-09
1179	489335.89, 3858826.54	8.42E-05	2.66E-08	7.73E-09	8.31E-05	2.62E-08	7.63E-09	8.07E-05	2.55E-08	7.41E-09
1180	489385.89, 3858826.54	6.79E-05	2.14E-08	6.24E-09	6.71E-05	2.12E-08	6.16E-09	6.51E-05	2.06E-08	5.98E-09
1181	489435.89, 3858826.54	5.72E-05	1.80E-08	5.25E-09	5.64E-05	1.78E-08	5.18E-09	5.48E-05	1.73E-08	5.03E-09
1182	489485.89, 3858826.54	4.95E-05	1.56E-08	4.55E-09	4.89E-05	1.54E-08	4.49E-09	4.75E-05	1.50E-08	4.36E-09
1183	489535.89, 3858826.54	4.38E-05	1.38E-08	4.02E-09	4.32E-05	1.36E-08	3.97E-09	4.20E-05	1.32E-08	3.85E-09
1184	489585.89, 3858826.54	3.94E-05	1.24E-08	3.61E-09	3.89E-05	1.23E-08	3.57E-09	3.77E-05	1.19E-08	3.46E-09
1185	489635.89, 3858826.54	3.59E-05	1.13E-08	3.29E-09	3.54E-05	1.12E-08	3.25E-09	3.44E-05	1.08E-08	3.16E-09
1186	489685.89, 3858826.54	3.30E-05	1.04E-08	3.03E-09	3.26E-05	1.03E-08	2.99E-09	3.16E-05	9.98E-09	2.90E-09
1187	489735.89, 3858826.54	3.06E-05	9.67E-09	2.81E-09	3.02E-05	9.55E-09	2.78E-09	2.94E-05	9.27E-09	2.70E-09
1188	489785.89, 3858826.54	2.87E-05	9.05E-09	2.63E-09	2.83E-05	8.93E-09	2.60E-09	2.75E-05	8.67E-09	2.52E-09
1189	489835.89, 3858826.54	2.70E-05	8.51E-09	2.48E-09	2.66E-05	8.40E-09	2.44E-09	2.58E-05	8.16E-09	2.37E-09
1190	489885.89, 3858826.54	2.55E-05	8.05E-09	2.34E-09	2.52E-05	7.95E-09	2.31E-09	2.45E-05	7.72E-09	2.25E-09
1191	489935.89, 3858826.54	2.43E-05	7.66E-09	2.23E-09	2.39E-05	7.56E-09	2.20E-09	2.33E-05	7.34E-09	2.13E-09
1192	489985.89, 3858826.54	2.32E-05	7.31E-09	2.13E-09	2.29E-05	7.22E-09	2.10E-09	2.22E-05	7.01E-09	2.04E-09
1193	490035.89, 3858826.54	2.22E-05	7.01E-09	2.04E-09	2.19E-05	6.92E-09	2.01E-09	2.13E-05	6.72E-09	1.96E-09
1194	489285.89, 3858876.54	1.21E-04	3.83E-08	1.11E-08	1.20E-04	3.78E-08	1.10E-08	1.16E-04	3.67E-08	1.07E-08
1195	489335.89, 3858876.54	8.72E-05	2.75E-08	8.00E-09	8.60E-05	2.71E-08	7.90E-09	8.35E-05	2.64E-08	7.67E-09
1196	489385.89, 3858876.54	6.81E-05	2.15E-08	6.25E-09	6.72E-05	2.12E-08	6.17E-09	6.53E-05	2.06E-08	5.99E-09
1197	489435.89, 3858876.54	5.62E-05	1.77E-08	5.16E-09	5.54E-05	1.75E-08	5.09E-09	5.38E-05	1.70E-08	4.94E-09
1198	489485.89, 3858876.54	4.81E-05	1.52E-08	4.41E-09	4.75E-05	1.50E-08	4.36E-09	4.61E-05	1.45E-08	4.23E-09
1199	489535.89, 3858876.54	4.22E-05	1.33E-08	3.88E-09	4.17E-05	1.32E-08	3.83E-09	4.05E-05	1.28E-08	3.72E-09
1200	489585.89, 3858876.54	3.78E-05	1.19E-08	3.47E-09	3.73E-05	1.18E-08	3.43E-09	3.62E-05	1.14E-08	3.33E-09
1201	489635.89, 3858876.54	3.44E-05	1.09E-08	3.16E-09	3.39E-05	1.07E-08	3.11E-09	3.29E-05	1.04E-08	3.02E-09
1202	489685.89, 3858876.54	3.16E-05	9.97E-09	2.90E-09	3.12E-05	9.84E-09	2.86E-09	3.03E-05	9.56E-09	2.78E-09
1203	489735.89, 3858876.54	2.93E-05	9.24E-09	2.69E-09	2.89E-05	9.12E-09	2.65E-09	2.81E-05	8.86E-09	2.58E-09
1204	489785.89, 3858876.54	2.74E-05	8.64E-09	2.51E-09	2.70E-05	8.53E-09	2.48E-09	2.62E-05	8.28E-09	2.41E-09
1205	489835.89, 3858876.54	2.57E-05	8.12E-09	2.36E-09	2.54E-05	8.02E-09	2.33E-09	2.47E-05	7.78E-09	2.26E-09
1206	489885.89, 3858876.54	2.43E-05	7.68E-09	2.23E-09	2.40E-05	7.58E-09	2.21E-09	2.33E-05	7.36E-09	2.14E-09
1207	489935.89, 3858876.54	2.31E-05	7.30E-09	2.12E-09	2.28E-05	7.20E-09	2.10E-09	2.22E-05	6.99E-09	2.03E-09
1208	489985.89, 3858876.54	2.21E-05	6.97E-09	2.03E-09	2.18E-05	6.87E-09	2.00E-09	2.12E-05	6.68E-09	1.94E-09
1209	490035.89, 3858876.54	2.12E-05	6.68E-09	1.94E-09	2.09E-05	6.59E-09	1.92E-09	2.03E-05	6.40E-09	1.86E-09
1210	489285.89, 3858926.54	1.10E-04	3.48E-08	1.01E-08	1.09E-04	3.44E-08	9.99E-09	1.06E-04	3.34E-08	9.71E-09
1211	489335.89, 3858926.54	7.89E-05	2.49E-08	7.24E-09	7.78E-05	2.46E-08	7.14E-09	7.56E-05	2.39E-08	6.94E-09
1212	489385.89, 3858926.54	6.20E-05	1.96E-08	5.69E-09	6.12E-05	1.93E-08	5.62E-09	5.94E-05	1.88E-08	5.46E-09
1213	489435.89, 3858926.54	5.16E-05	1.63E-08	4.74E-09	5.10E-05	1.61E-08	4.68E-09	4.95E-05	1.56E-08	4.54E-09
1214	489485.89, 3858926.54	4.46E-05	1.41E-08	4.09E-09	4.40E-05	1.39E-08	4.04E-09	4.27E-05	1.35E-08	3.92E-09
1215	489535.89, 3858926.54	3.94E-05	1.24E-08	3.62E-09	3.89E-05	1.23E-08	3.57E-09	3.78E-05	1.19E-08	3.47E-09
1216	489585.89, 3858926.54	3.55E-05	1.12E-08	3.26E-09	3.50E-05	1.10E-08	3.21E-09	3.40E-05	1.07E-08	3.12E-09
1217	489635.89, 3858926.54	3.23E-05	1.02E-08	2.97E-09	3.19E-05	1.01E-08	2.93E-09	3.10E-05	9.79E-09	2.85E-09
1218	489685.89, 3858926.54	2.98E-05	9.41E-09	2.74E-09	2.94E-05	9.29E-09	2.70E-09	2.86E-05	9.02E-09	2.62E-09
1219	489735.89, 3858926.54	2.77E-05	8.75E-09	2.54E-09	2.74E-05	8.63E-09	2.51E-09	2.66E-05	8.38E-09	2.44E-09
1220	489785.89, 3858926.54	2.60E-05	8.19E-09	2.38E-09	2.56E-05	8.08E-09	2.35E-09	2.49E-05	7.85E-09	2.28E-09
1221	489835.89, 3858926.54	2.44E-05	7.71E-09	2.24E-09	2.41E-05	7.61E-09	2.21E-09	2.34E-05	7.39E-09	2.15E-09
1222	489885.89, 3858926.54	2.31E-05	7.30E-09	2.12E-09	2.28E-05	7.21E-09	2.10E-09	2.22E-05	7.00E-09	2.04E-09
1223	489935.89, 3858926.54	2.20E-05	6.95E-09	2.02E-09	2.17E-05	6.86E-09	1.99E-09	2.11E-05	6.66E-09	1.94E-09
1224	489985.89, 3858926.54	2.10E-05	6.63E-09	1.93E-09	2.07E-05	6.54E-09	1.90E-09	2.01E-05	6.35E-09	1.85E-09
1225	490035.89, 3858926.54	2.02E-05	6.36E-09	1.85E-09	1.99E-05	6.28E-09	1.83E-09	1.93E-05	6.10E-09	1.77E-09
1226	489335.89, 3858976.54	6.54E-05	2.06E-08	6.00E-09	6.45E-05	2.04E-08	5.92E-09	6.27E-05	1.98E-08	5.75E-09
1227	489385.89, 3858976.54	5.36E-05	1.69E-08	4.92E-09	5.29E-05	1.67E-08	4.86E-09	5.14E-05	1.62E-08	4.72E-09
1228	489435.89, 3858976.54	4.59E-05	1.45E-08	4.21E-09	4.53E-05	1.43E-08	4.16E-09	4.40E-05	1.39E-08	4.04E-09
1229	489485.89, 3858976.54	4.03E-05	1.27E-08	3.70E-09	3.98E-05	1.26E-08	3.65E-09	3.86E-05	1.22E-08	3.55E-09
1230	489535.89, 3858976.54	3.61E-05	1.14E-08	3.31E-09	3.56E-05	1.12E-08	3.27E-09	3.46E-05	1.09E-08	3.17E-09
1231	489585.89, 3858976.54	3.28E-05	1.04E-08	3.01E-09	3.24E-05	1.02E-08	2.97E-09	3.14E-05	9.92E-09	2.89E-09
1232	489635.89, 3858976.54	3.01E-05	9.51E-09	2.77E-09	2.97E-05	9.38E-09	2.73E-09	2.89E-05	9.11E-09	2.65E-09
1233	489685.89, 3858976.54	2.79E-05	8.81E-09	2.56E-09	2.76E-05	8.70E-09	2.53E-09	2.68E-05	8.44E-09	2.46E-09
1234	489735.89, 3858976.54	2.61E-05	8.23E-09	2.39E-09	2.57E-05	8.12E-09	2.36E-09	2.50E-05	7.88E-09	2.29E-09
1235	489785.89, 3858976.54	2.45E-05	7.73E-09	2.25E-09	2.42E-05	7.63E-09	2.22E-09	2.35E-05	7.41E-09	2.16E-09
1236	489835.89, 3858976.54	2.31E-05	7.31E-09	2.12E-09	2.28E-05	7.21E-09	2.10E-09	2.22E-05	7.00E-09	2.04E-09
1237	489885.89, 3858976.54	2.19E-05	6.93E-09	2.02E-09	2.17E-05	6.84E-09	1.99E-09	2.10E-05	6.64E-09	1.93E-09
1238	489935.89, 3858976.54	2.09E-05	6.60E-09	1.92E-09	2.06E-05	6.51E-09	1.89E-09	2.00E-05	6.32E-09	1.84E-09

1239	489985.89, 3858976.54	2.00E-05	6.31E-09	1.83E-09	1.97E-05	6.23E-09	1.81E-09	1.92E-05	6.05E-09	1.76E-09
1240	490035.89, 3858976.54	1.91E-05	6.04E-09	1.76E-09	1.89E-05	5.97E-09	1.74E-09	1.84E-05	5.79E-09	1.68E-09
1241	489385.89, 3859026.54	4.86E-05	1.53E-08	4.46E-09	4.80E-05	1.51E-08	4.40E-09	4.66E-05	1.47E-08	4.28E-09
1242	489435.89, 3859026.54	4.17E-05	1.32E-08	3.83E-09	4.12E-05	1.30E-08	3.78E-09	4.00E-05	1.26E-08	3.67E-09
1243	489485.89, 3859026.54	3.68E-05	1.16E-08	3.38E-09	3.63E-05	1.15E-08	3.34E-09	3.53E-05	1.11E-08	3.24E-09
1244	489535.89, 3859026.54	3.32E-05	1.05E-08	3.05E-09	3.28E-05	1.03E-08	3.01E-09	3.18E-05	1.00E-08	2.92E-09
1245	489585.89, 3859026.54	3.03E-05	9.58E-09	2.79E-09	2.99E-05	9.45E-09	2.75E-09	2.91E-05	9.18E-09	2.67E-09
1246	489635.89, 3859026.54	2.80E-05	8.85E-09	2.57E-09	2.77E-05	8.73E-09	2.54E-09	2.69E-05	8.48E-09	2.47E-09
1247	489685.89, 3859026.54	2.61E-05	8.24E-09	2.40E-09	2.58E-05	8.13E-09	2.37E-09	2.50E-05	7.90E-09	2.30E-09
1248	489735.89, 3859026.54	2.45E-05	7.73E-09	2.25E-09	2.42E-05	7.63E-09	2.22E-09	2.35E-05	7.41E-09	2.15E-09
1249	489785.89, 3859026.54	2.31E-05	7.29E-09	2.12E-09	2.28E-05	7.20E-09	2.09E-09	2.21E-05	6.99E-09	2.03E-09
1250	489835.89, 3859026.54	2.19E-05	6.90E-09	2.01E-09	2.16E-05	6.81E-09	1.98E-09	2.10E-05	6.62E-09	1.92E-09
1251	489885.89, 3859026.54	2.08E-05	6.57E-09	1.91E-09	2.05E-05	6.48E-09	1.88E-09	1.99E-05	6.29E-09	1.83E-09
1252	489935.89, 3859026.54	1.98E-05	6.26E-09	1.82E-09	1.96E-05	6.18E-09	1.80E-09	1.90E-05	6.00E-09	1.75E-09
1253	489985.89, 3859026.54	1.90E-05	5.99E-09	1.74E-09	1.87E-05	5.92E-09	1.72E-09	1.82E-05	5.75E-09	1.67E-09
1254	490035.89, 3859026.54	1.82E-05	5.73E-09	1.67E-09	1.79E-05	5.66E-09	1.65E-09	1.74E-05	5.49E-09	1.60E-09
1255	489485.89, 3859076.54	3.49E-05	1.10E-08	3.20E-09	3.44E-05	1.09E-08	3.16E-09	3.34E-05	1.06E-08	3.07E-09
1256	489535.89, 3859076.54	3.12E-05	9.84E-09	2.86E-09	3.08E-05	9.72E-09	2.83E-09	2.99E-05	9.44E-09	2.74E-09
1257	489585.89, 3859076.54	2.85E-05	8.99E-09	2.61E-09	2.81E-05	8.87E-09	2.58E-09	2.73E-05	8.61E-09	2.51E-09
1258	489635.89, 3859076.54	2.63E-05	8.31E-09	2.42E-09	2.60E-05	8.20E-09	2.39E-09	2.52E-05	7.97E-09	2.32E-09
1259	489685.89, 3859076.54	2.46E-05	7.76E-09	2.26E-09	2.43E-05	7.66E-09	2.23E-09	2.36E-05	7.44E-09	2.16E-09
1260	489735.89, 3859076.54	2.31E-05	7.29E-09	2.12E-09	2.28E-05	7.20E-09	2.09E-09	2.21E-05	6.99E-09	2.03E-09
1261	489785.89, 3859076.54	2.18E-05	6.89E-09	2.00E-09	2.15E-05	6.80E-09	1.98E-09	2.09E-05	6.60E-09	1.92E-09
1262	489835.89, 3859076.54	2.07E-05	6.54E-09	1.90E-09	2.04E-05	6.45E-09	1.88E-09	1.98E-05	6.26E-09	1.82E-09
1263	489885.89, 3859076.54	1.97E-05	6.22E-09	1.81E-09	1.95E-05	6.14E-09	1.79E-09	1.89E-05	5.97E-09	1.74E-09
1264	489935.89, 3859076.54	1.88E-05	5.95E-09	1.73E-09	1.86E-05	5.87E-09	1.71E-09	1.81E-05	5.70E-09	1.66E-09
1265	489985.89, 3859076.54	1.80E-05	5.70E-09	1.66E-09	1.78E-05	5.62E-09	1.63E-09	1.73E-05	5.46E-09	1.59E-09
1266	490035.89, 3859076.54	1.73E-05	5.46E-09	1.59E-09	1.71E-05	5.39E-09	1.57E-09	1.66E-05	5.23E-09	1.52E-09
1267	489585.89, 3859126.54	2.73E-05	8.63E-09	2.51E-09	2.70E-05	8.52E-09	2.48E-09	2.62E-05	8.27E-09	2.41E-09
1268	489635.89, 3859126.54	2.51E-05	7.93E-09	2.31E-09	2.48E-05	7.82E-09	2.28E-09	2.41E-05	7.60E-09	2.21E-09
1269	489685.89, 3859126.54	2.34E-05	7.38E-09	2.15E-09	2.31E-05	7.28E-09	2.12E-09	2.24E-05	7.07E-09	2.06E-09
1270	489735.89, 3859126.54	2.20E-05	6.93E-09	2.02E-09	2.17E-05	6.84E-09	1.99E-09	2.10E-05	6.64E-09	1.93E-09
1271	489785.89, 3859126.54	2.07E-05	6.54E-09	1.90E-09	2.05E-05	6.46E-09	1.88E-09	1.99E-05	6.27E-09	1.82E-09
1272	489835.89, 3859126.54	1.97E-05	6.21E-09	1.81E-09	1.94E-05	6.13E-09	1.78E-09	1.89E-05	5.95E-09	1.73E-09
1273	489885.89, 3859126.54	1.87E-05	5.91E-09	1.72E-09	1.85E-05	5.84E-09	1.70E-09	1.80E-05	5.67E-09	1.65E-09
1274	489935.89, 3859126.54	1.79E-05	5.65E-09	1.64E-09	1.77E-05	5.58E-09	1.62E-09	1.72E-05	5.42E-09	1.58E-09
1275	489985.89, 3859126.54	1.71E-05	5.41E-09	1.57E-09	1.69E-05	5.34E-09	1.55E-09	1.64E-05	5.18E-09	1.51E-09
1276	490035.89, 3859126.54	1.65E-05	5.19E-09	1.51E-09	1.62E-05	5.13E-09	1.49E-09	1.58E-05	4.98E-09	1.45E-09
1277	489585.89, 3859176.54	2.59E-05	8.18E-09	2.38E-09	2.56E-05	8.07E-09	2.35E-09	2.48E-05	7.84E-09	2.28E-09
1278	489635.89, 3859176.54	2.46E-05	7.77E-09	2.26E-09	2.43E-05	7.67E-09	2.23E-09	2.36E-05	7.44E-09	2.17E-09
1279	489685.89, 3859176.54	2.26E-05	7.12E-09	2.07E-09	2.23E-05	7.03E-09	2.04E-09	2.16E-05	6.83E-09	1.99E-09
1280	489735.89, 3859176.54	2.11E-05	6.65E-09	1.93E-09	2.08E-05	6.56E-09	1.91E-09	2.02E-05	6.37E-09	1.85E-09
1281	489785.89, 3859176.54	1.98E-05	6.26E-09	1.82E-09	1.96E-05	6.17E-09	1.80E-09	1.90E-05	6.00E-09	1.74E-09
1282	489835.89, 3859176.54	1.88E-05	5.93E-09	1.72E-09	1.85E-05	5.85E-09	1.70E-09	1.80E-05	5.68E-09	1.65E-09
1283	489885.89, 3859176.54	1.79E-05	5.64E-09	1.64E-09	1.76E-05	5.56E-09	1.62E-09	1.71E-05	5.40E-09	1.57E-09
1284	489935.89, 3859176.54	1.71E-05	5.38E-09	1.57E-09	1.68E-05	5.31E-09	1.54E-09	1.63E-05	5.16E-09	1.50E-09
1285	489985.89, 3859176.54	1.63E-05	5.15E-09	1.50E-09	1.61E-05	5.08E-09	1.48E-09	1.56E-05	4.94E-09	1.44E-09
1286	490035.89, 3859176.54	1.57E-05	4.95E-09	1.44E-09	1.55E-05	4.89E-09	1.42E-09	1.50E-05	4.74E-09	1.38E-09
1287	489685.89, 3859226.54	2.23E-05	7.03E-09	2.04E-09	2.20E-05	6.93E-09	2.02E-09	2.13E-05	6.73E-09	1.96E-09
1288	489735.89, 3859226.54	2.05E-05	6.49E-09	1.89E-09	2.03E-05	6.40E-09	1.86E-09	1.97E-05	6.22E-09	1.81E-09
1289	489785.89, 3859226.54	1.91E-05	6.03E-09	1.76E-09	1.89E-05	5.96E-09	1.73E-09	1.83E-05	5.78E-09	1.68E-09
1290	489835.89, 3859226.54	1.80E-05	5.68E-09	1.65E-09	1.78E-05	5.61E-09	1.63E-09	1.72E-05	5.44E-09	1.58E-09
1291	489885.89, 3859226.54	1.71E-05	5.39E-09	1.57E-09	1.68E-05	5.32E-09	1.55E-09	1.64E-05	5.16E-09	1.50E-09
1292	489935.89, 3859226.54	1.63E-05	5.13E-09	1.49E-09	1.60E-05	5.06E-09	1.47E-09	1.56E-05	4.92E-09	1.43E-09
1293	489985.89, 3859226.54	1.55E-05	4.91E-09	1.43E-09	1.53E-05	4.84E-09	1.41E-09	1.49E-05	4.70E-09	1.37E-09
1294	490035.89, 3859226.54	1.49E-05	4.71E-09	1.37E-09	1.47E-05	4.65E-09	1.35E-09	1.43E-05	4.52E-09	1.31E-09
1295	489735.89, 3859276.54	1.95E-05	6.14E-09	1.79E-09	1.92E-05	6.06E-09	1.76E-09	1.86E-05	5.89E-09	1.71E-09
1296	489785.89, 3859276.54	1.89E-05	5.97E-09	1.74E-09	1.87E-05	5.89E-09	1.71E-09	1.81E-05	5.72E-09	1.66E-09
1297	489835.89, 3859276.54	1.74E-05	5.50E-09	1.60E-09	1.72E-05	5.43E-09	1.58E-09	1.67E-05	5.27E-09	1.53E-09
1298	489885.89, 3859276.54	1.64E-05	5.17E-09	1.50E-09	1.62E-05	5.10E-09	1.48E-09	1.57E-05	4.95E-09	1.44E-09
1299	489935.89, 3859276.54	1.55E-05	4.90E-09	1.43E-09	1.53E-05	4.84E-09	1.41E-09	1.49E-05	4.70E-09	1.37E-09
1300	489985.89, 3859276.54	1.48E-05	4.67E-09	1.36E-09	1.46E-05	4.61E-09	1.34E-09	1.42E-05	4.48E-09	1.30E-09
1301	490035.89, 3859276.54	1.42E-05	4.48E-09	1.30E-09	1.40E-05	4.42E-09	1.29E-09	1.36E-05	4.30E-09	1.25E-09
1302	490458.06, 3859590.74	7.87E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.13E-10	7.54E-06	2.38E-09	6.92E-10
1303	490508.06, 3859590.74	7.54E-06	2.38E-09	6.92E-10	7.44E-06	2.35E-09	6.83E-10	7.22E-06	2.28E-09	6.63E-10
1304	490558.06, 3859590.74	7.30E-06	2.30E-09	6.70E-10	7.20E-06	2.27E-09	6.61E-10	6.99E-06	2.21E-09	6.42E-10
1305	490608.06, 3859590.74	7.10E-06	2.24E-09	6.52E-10	7.00E-06	2.21E-09	6.43E-10	6.80E-06	2.15E-09	6.24E-10
1306	490658.06, 3859590.74	6.92E-06	2.18E-09	6.35E-10	6.83E-06	2.16E-09	6.27E-10	6.63E-06	2.09E-09	6.09E-10
1307	490708.06, 3859590.74	6.76E-06	2.13E-09	6.21E-10	6.67E-06	2.11E-09	6.12E-10	6.48E-06	2.04E-09	5.95E-10

1308	490758.06, 3859590.74	6.60E-06	2.08E-09	6.06E-10	6.51E-06	2.06E-09	5.98E-10	6.32E-06	2.00E-09	5.81E-10
1309	490808.06, 3859590.74	6.45E-06	2.04E-09	5.93E-10	6.37E-06	2.01E-09	5.85E-10	6.19E-06	1.95E-09	5.68E-10
1310	490858.06, 3859590.74	6.31E-06	1.99E-09	5.79E-10	6.23E-06	1.97E-09	5.72E-10	6.05E-06	1.91E-09	5.55E-10
1311	490458.06, 3859640.74	8.11E-06	2.56E-09	7.45E-10	8.01E-06	2.53E-09	7.35E-10	7.77E-06	2.45E-09	7.14E-10
1312	490508.06, 3859640.74	7.70E-06	2.43E-09	7.07E-10	7.60E-06	2.40E-09	6.98E-10	7.38E-06	2.33E-09	6.77E-10
1313	490558.06, 3859640.74	7.19E-06	2.27E-09	6.60E-10	7.10E-06	2.24E-09	6.52E-10	6.90E-06	2.18E-09	6.33E-10
1314	490608.06, 3859640.74	6.89E-06	2.17E-09	6.32E-10	6.80E-06	2.14E-09	6.24E-10	6.60E-06	2.08E-09	6.06E-10
1315	490658.06, 3859640.74	6.66E-06	2.10E-09	6.12E-10	6.58E-06	2.08E-09	6.04E-10	6.39E-06	2.02E-09	5.86E-10
1316	490708.06, 3859640.74	6.48E-06	2.05E-09	5.95E-10	6.40E-06	2.02E-09	5.87E-10	6.21E-06	1.96E-09	5.70E-10
1317	490758.06, 3859640.74	6.32E-06	2.00E-09	5.80E-10	6.24E-06	1.97E-09	5.73E-10	6.06E-06	1.91E-09	5.56E-10
1318	490808.06, 3859640.74	6.19E-06	1.95E-09	5.68E-10	6.11E-06	1.93E-09	5.61E-10	5.93E-06	1.87E-09	5.44E-10
1319	490858.06, 3859640.74	6.06E-06	1.91E-09	5.57E-10	5.98E-06	1.89E-09	5.49E-10	5.81E-06	1.83E-09	5.33E-10
1320	490608.06, 3859690.74	7.15E-06	2.26E-09	6.57E-10	7.06E-06	2.23E-09	6.48E-10	6.85E-06	2.16E-09	6.29E-10
1321	490658.06, 3859690.74	6.64E-06	2.10E-09	6.10E-10	6.55E-06	2.07E-09	6.02E-10	6.36E-06	2.01E-09	5.84E-10
1322	490708.06, 3859690.74	6.34E-06	2.00E-09	5.82E-10	6.26E-06	1.98E-09	5.75E-10	6.08E-06	1.92E-09	5.58E-10
1323	490758.06, 3859690.74	6.13E-06	1.93E-09	5.63E-10	6.05E-06	1.91E-09	5.55E-10	5.87E-06	1.85E-09	5.39E-10
1324	490808.06, 3859690.74	5.96E-06	1.88E-09	5.47E-10	5.89E-06	1.86E-09	5.40E-10	5.71E-06	1.80E-09	5.25E-10
1325	490858.06, 3859690.74	5.85E-06	1.84E-09	5.37E-10	5.77E-06	1.82E-09	5.30E-10	5.60E-06	1.77E-09	5.14E-10
1326	490708.06, 3859740.74	6.72E-06	2.12E-09	6.17E-10	6.63E-06	2.09E-09	6.09E-10	6.44E-06	2.03E-09	5.91E-10
1327	490758.06, 3859740.74	6.20E-06	1.96E-09	5.70E-10	6.12E-06	1.93E-09	5.62E-10	5.95E-06	1.88E-09	5.46E-10
1328	490808.06, 3859740.74	5.91E-06	1.87E-09	5.43E-10	5.83E-06	1.84E-09	5.35E-10	5.66E-06	1.79E-09	5.20E-10
1329	490858.06, 3859740.74	5.72E-06	1.80E-09	5.25E-10	5.64E-06	1.78E-09	5.18E-10	5.48E-06	1.73E-09	5.03E-10
1330	490786.56, 3859749.39	6.06E-06	1.91E-09	5.56E-10	5.98E-06	1.89E-09	5.49E-10	5.81E-06	1.83E-09	5.33E-10
1331	490836.56, 3859749.39	5.79E-06	1.83E-09	5.32E-10	5.72E-06	1.80E-09	5.25E-10	5.55E-06	1.75E-09	5.10E-10
1332	490786.56, 3859799.39	6.29E-06	1.99E-09	5.78E-10	6.21E-06	1.96E-09	5.70E-10	6.03E-06	1.90E-09	5.54E-10
1333	490836.56, 3859799.39	6.16E-06	1.95E-09	5.66E-10	6.08E-06	1.92E-09	5.58E-10	5.91E-06	1.86E-09	5.42E-10
1334	492307.84, 3854508.36	2.28E-07	7.19E-11	2.09E-11	2.25E-07	7.09E-11	2.06E-11	2.18E-07	6.89E-11	2.00E-11
1335	486445.7, 3854753.6	2.32E-07	7.33E-11	2.13E-11	2.29E-07	7.24E-11	2.10E-11	2.23E-07	7.03E-11	2.04E-11
1336	472599.75, 3877830.11	4.10E-08	1.29E-11	3.76E-12	4.05E-08	1.28E-11	3.71E-12	3.93E-08	1.24E-11	3.61E-12
1337	493107.48, 3866840.19	1.57E-07	4.95E-11	1.44E-11	1.55E-07	4.89E-11	1.42E-11	1.50E-07	4.75E-11	1.38E-11
1338	495815.8, 3861662.87	8.92E-07	2.82E-10	8.19E-11	8.80E-07	2.78E-10	8.08E-11	8.55E-07	2.70E-10	7.85E-11
1339	480272.33, 3841389.2	1.17E-08	3.70E-12	1.08E-12	1.16E-08	3.65E-12	1.06E-12	1.12E-08	3.54E-12	1.03E-12
1340	497005.18, 3862813.64	5.67E-07	1.79E-10	5.21E-11	5.60E-07	1.77E-10	5.14E-11	5.43E-07	1.72E-10	4.99E-11
1341	493677.33, 3860302.55	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
1342	493727.33, 3860302.55	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.46E-10	1.88E-10
1343	493777.33, 3860302.55	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1344	493827.33, 3860302.55	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
1345	493877.33, 3860302.55	2.11E-06	6.65E-10	1.93E-10	2.08E-06	6.56E-10	1.91E-10	2.02E-06	6.37E-10	1.85E-10
1346	493927.33, 3860302.55	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
1347	493977.33, 3860302.55	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
1348	494027.33, 3860302.55	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
1349	493677.33, 3860352.55	2.08E-06	6.57E-10	1.91E-10	2.06E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
1350	493727.33, 3860352.55	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
1351	493777.33, 3860352.55	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
1352	493827.33, 3860352.55	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
1353	493877.33, 3860352.55	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.96E-06	6.17E-10	1.79E-10
1354	493927.33, 3860352.55	2.03E-06	6.41E-10	1.87E-10	2.01E-06	6.33E-10	1.84E-10	1.95E-06	6.15E-10	1.79E-10
1355	493977.33, 3860352.55	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.31E-10	1.84E-10	1.94E-06	6.13E-10	1.78E-10
1356	494027.33, 3860352.55	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1357	493677.33, 3860402.55	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.78E-10
1358	493727.33, 3860402.55	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
1359	493777.33, 3860402.55	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
1360	493827.33, 3860402.55	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
1361	493877.33, 3860402.55	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
1362	493927.33, 3860402.55	1.97E-06	6.22E-10	1.81E-10	1.95E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
1363	493977.33, 3860402.55	1.97E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
1364	494027.33, 3860402.55	1.96E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
1365	493677.33, 3860452.55	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
1366	493727.33, 3860452.55	1.94E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1367	493777.33, 3860452.55	1.94E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1368	493827.33, 3860452.55	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
1369	493877.33, 3860452.55	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1370	493927.33, 3860452.55	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.74E-10	1.84E-06	5.79E-10	1.68E-10
1371	493977.33, 3860452.55	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
1372	494027.33, 3860452.55	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
1373	493677.33, 3860502.55	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
1374	493727.33, 3860502.55	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.88E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10
1375	493777.33, 3860502.55	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
1376	493827.33, 3860502.55	1.87E-06	5.90E-10	1.72E-10	1.85E-06	5.83E-10	1.69E-10	1.79E-06	5.66E-10	1.65E-10

1377	493877.33, 3860502.55	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1378	493927.33, 3860502.55	1.86E-06	5.87E-10	1.71E-10	1.83E-06	5.79E-10	1.68E-10	1.78E-06	5.62E-10	1.64E-10
1379	493977.33, 3860502.55	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
1380	494027.33, 3860502.55	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1381	493627.33, 3860552.55	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.77E-10	1.68E-10	1.77E-06	5.60E-10	1.63E-10
1382	493677.33, 3860552.55	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1383	493727.33, 3860552.55	1.83E-06	5.77E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
1384	493777.33, 3860552.55	1.82E-06	5.75E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.51E-10	1.60E-10
1385	493827.33, 3860552.55	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
1386	493877.33, 3860552.55	1.81E-06	5.70E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1387	493927.33, 3860552.55	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1388	493977.33, 3860552.55	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1389	494027.33, 3860552.55	1.79E-06	5.64E-10	1.64E-10	1.76E-06	5.57E-10	1.62E-10	1.71E-06	5.41E-10	1.57E-10
1390	493627.33, 3860602.55	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1391	493727.33, 3860602.55	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
1392	493777.33, 3860602.55	1.77E-06	5.58E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1393	493827.33, 3860602.55	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1394	493877.33, 3860602.55	1.76E-06	5.54E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.31E-10	1.55E-10
1395	493927.33, 3860602.55	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.59E-10	1.68E-06	5.29E-10	1.54E-10
1396	493977.33, 3860602.55	1.74E-06	5.51E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.28E-10	1.53E-10
1397	494027.33, 3860602.55	1.74E-06	5.48E-10	1.59E-10	1.71E-06	5.41E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1398	493627.33, 3860652.55	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
1399	493727.33, 3860652.55	1.72E-06	5.43E-10	1.58E-10	1.70E-06	5.36E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1400	493777.33, 3860652.55	1.71E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
1401	493827.33, 3860652.55	1.71E-06	5.40E-10	1.57E-10	1.69E-06	5.33E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
1402	493877.33, 3860652.55	1.71E-06	5.39E-10	1.57E-10	1.68E-06	5.32E-10	1.55E-10	1.64E-06	5.16E-10	1.50E-10
1403	493927.33, 3860652.55	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.14E-10	1.50E-10
1404	493977.33, 3860652.55	1.69E-06	5.34E-10	1.55E-10	1.67E-06	5.27E-10	1.53E-10	1.62E-06	5.12E-10	1.49E-10
1405	494027.33, 3860652.55	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1406	494311.06, 3858401.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
1407	494361.06, 3858401.99	2.23E-06	7.05E-10	2.05E-10	2.20E-06	6.95E-10	2.02E-10	2.14E-06	6.75E-10	1.96E-10
1408	494411.06, 3858401.99	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
1409	494461.06, 3858401.99	2.16E-06	6.83E-10	1.99E-10	2.14E-06	6.74E-10	1.96E-10	2.07E-06	6.55E-10	1.90E-10
1410	494511.06, 3858401.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
1411	494561.06, 3858401.99	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
1412	494611.06, 3858401.99	2.05E-06	6.48E-10	1.88E-10	2.03E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
1413	494661.06, 3858401.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1414	494711.06, 3858401.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.89E-06	5.95E-10	1.73E-10
1415	494761.06, 3858401.99	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
1416	494811.06, 3858401.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
1417	494861.06, 3858401.99	1.86E-06	5.89E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1418	494911.06, 3858401.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
1419	494961.06, 3858401.99	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1420	495011.06, 3858401.99	1.76E-06	5.54E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.31E-10	1.55E-10
1421	495061.06, 3858401.99	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10
1422	495111.06, 3858401.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1423	495161.06, 3858401.99	1.65E-06	5.22E-10	1.52E-10	1.63E-06	5.15E-10	1.50E-10	1.58E-06	5.00E-10	1.45E-10
1424	495211.06, 3858401.99	1.61E-06	5.08E-10	1.48E-10	1.59E-06	5.01E-10	1.46E-10	1.54E-06	4.86E-10	1.41E-10
1425	495261.06, 3858401.99	1.58E-06	4.98E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.78E-10	1.39E-10
1426	495311.06, 3858401.99	1.55E-06	4.89E-10	1.42E-10	1.53E-06	4.83E-10	1.40E-10	1.49E-06	4.69E-10	1.36E-10
1427	495361.06, 3858401.99	1.53E-06	4.82E-10	1.40E-10	1.51E-06	4.76E-10	1.38E-10	1.46E-06	4.62E-10	1.34E-10
1428	495411.06, 3858401.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
1429	495461.06, 3858401.99	1.50E-06	4.73E-10	1.37E-10	1.48E-06	4.66E-10	1.36E-10	1.43E-06	4.53E-10	1.32E-10
1430	495511.06, 3858401.99	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
1431	495561.06, 3858401.99	1.46E-06	4.60E-10	1.34E-10	1.44E-06	4.54E-10	1.32E-10	1.40E-06	4.41E-10	1.28E-10
1432	495611.06, 3858401.99	1.44E-06	4.55E-10	1.32E-10	1.42E-06	4.50E-10	1.31E-10	1.38E-06	4.37E-10	1.27E-10
1433	495661.06, 3858401.99	1.44E-06	4.55E-10	1.32E-10	1.42E-06	4.49E-10	1.31E-10	1.38E-06	4.36E-10	1.27E-10
1434	494311.06, 3858451.99	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1435	494361.06, 3858451.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
1436	494411.06, 3858451.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.96E-10	2.03E-10	2.14E-06	6.76E-10	1.97E-10
1437	494461.06, 3858451.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
1438	494511.06, 3858451.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.56E-10	1.91E-10
1439	494561.06, 3858451.99	2.12E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1440	494611.06, 3858451.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1441	494661.06, 3858451.99	2.05E-06	6.48E-10	1.88E-10	2.03E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
1442	494711.06, 3858451.99	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
1443	494761.06, 3858451.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
1444	494811.06, 3858451.99	1.93E-06	6.09E-10	1.77E-10	1.91E-06	6.01E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1445	494861.06, 3858451.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10

1446	494911.06, 3858451.99	1.84E-06	5.82E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.58E-10	1.62E-10
1447	494961.06, 3858451.99	1.81E-06	5.71E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1448	495011.06, 3858451.99	1.77E-06	5.58E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
1449	495061.06, 3858451.99	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
1450	495111.06, 3858451.99	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1451	495161.06, 3858451.99	1.66E-06	5.24E-10	1.52E-10	1.64E-06	5.17E-10	1.50E-10	1.59E-06	5.02E-10	1.46E-10
1452	495211.06, 3858451.99	1.62E-06	5.11E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.90E-10	1.43E-10
1453	495261.06, 3858451.99	1.59E-06	5.02E-10	1.46E-10	1.57E-06	4.96E-10	1.44E-10	1.53E-06	4.81E-10	1.40E-10
1454	495311.06, 3858451.99	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
1455	495361.06, 3858451.99	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.81E-10	1.40E-10	1.48E-06	4.67E-10	1.36E-10
1456	495411.06, 3858451.99	1.53E-06	4.83E-10	1.41E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10
1457	495461.06, 3858451.99	1.52E-06	4.79E-10	1.39E-10	1.50E-06	4.73E-10	1.38E-10	1.45E-06	4.59E-10	1.34E-10
1458	495511.06, 3858451.99	1.49E-06	4.72E-10	1.37E-10	1.47E-06	4.65E-10	1.35E-10	1.43E-06	4.52E-10	1.31E-10
1459	495561.06, 3858451.99	1.49E-06	4.70E-10	1.37E-10	1.47E-06	4.63E-10	1.35E-10	1.43E-06	4.50E-10	1.31E-10
1460	495611.06, 3858451.99	1.46E-06	4.61E-10	1.34E-10	1.44E-06	4.55E-10	1.32E-10	1.40E-06	4.42E-10	1.29E-10
1461	495661.06, 3858451.99	1.45E-06	4.58E-10	1.33E-10	1.43E-06	4.52E-10	1.32E-10	1.39E-06	4.39E-10	1.28E-10
1462	494311.06, 3858501.99	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.04E-10
1463	494361.06, 3858501.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
1464	494411.06, 3858501.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
1465	494461.06, 3858501.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
1466	494511.06, 3858501.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
1467	494561.06, 3858501.99	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
1468	494611.06, 3858501.99	2.12E-06	6.69E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
1469	494661.06, 3858501.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1470	494711.06, 3858501.99	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
1471	494761.06, 3858501.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
1472	494811.06, 3858501.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
1473	494861.06, 3858501.99	1.92E-06	6.05E-10	1.76E-10	1.89E-06	5.97E-10	1.74E-10	1.84E-06	5.80E-10	1.69E-10
1474	494911.06, 3858501.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1475	494961.06, 3858501.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
1476	495011.06, 3858501.99	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1477	495061.06, 3858501.99	1.76E-06	5.55E-10	1.62E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
1478	495111.06, 3858501.99	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.63E-06	5.16E-10	1.50E-10
1479	495161.06, 3858501.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1480	495211.06, 3858501.99	1.63E-06	5.15E-10	1.50E-10	1.61E-06	5.09E-10	1.48E-10	1.57E-06	4.94E-10	1.44E-10
1481	495261.06, 3858501.99	1.61E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.86E-10	1.41E-10
1482	495311.06, 3858501.99	1.59E-06	5.01E-10	1.46E-10	1.57E-06	4.94E-10	1.44E-10	1.52E-06	4.80E-10	1.40E-10
1483	495361.06, 3858501.99	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
1484	495411.06, 3858501.99	1.55E-06	4.90E-10	1.42E-10	1.53E-06	4.83E-10	1.41E-10	1.49E-06	4.69E-10	1.37E-10
1485	495461.06, 3858501.99	1.54E-06	4.85E-10	1.41E-10	1.52E-06	4.79E-10	1.39E-10	1.47E-06	4.65E-10	1.35E-10
1486	495511.06, 3858501.99	1.52E-06	4.79E-10	1.39E-10	1.50E-06	4.73E-10	1.38E-10	1.46E-06	4.59E-10	1.34E-10
1487	495561.06, 3858501.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
1488	495611.06, 3858501.99	1.49E-06	4.70E-10	1.37E-10	1.47E-06	4.64E-10	1.35E-10	1.43E-06	4.50E-10	1.31E-10
1489	495661.06, 3858501.99	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.60E-10	1.34E-10	1.42E-06	4.47E-10	1.30E-10
1490	494311.06, 3858551.99	2.27E-06	7.17E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
1491	494361.06, 3858551.99	2.27E-06	7.17E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
1492	494411.06, 3858551.99	2.27E-06	7.17E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
1493	494461.06, 3858551.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
1494	494511.06, 3858551.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
1495	494561.06, 3858551.99	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
1496	494611.06, 3858551.99	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
1497	494661.06, 3858551.99	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.62E-10	1.92E-10	2.04E-06	6.42E-10	1.87E-10
1498	494711.06, 3858551.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
1499	494761.06, 3858551.99	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.13E-10	1.78E-10
1500	494811.06, 3858551.99	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
1501	494861.06, 3858551.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1502	494911.06, 3858551.99	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1503	494961.06, 3858551.99	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.77E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
1504	495011.06, 3858551.99	1.80E-06	5.70E-10	1.66E-10	1.78E-06	5.62E-10	1.64E-10	1.73E-06	5.46E-10	1.59E-10
1505	495061.06, 3858551.99	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
1506	495111.06, 3858551.99	1.72E-06	5.42E-10	1.58E-10	1.70E-06	5.35E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1507	495161.06, 3858551.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10
1508	495211.06, 3858551.99	1.65E-06	5.20E-10	1.51E-10	1.63E-06	5.13E-10	1.49E-10	1.58E-06	4.99E-10	1.45E-10
1509	495261.06, 3858551.99	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.91E-10	1.43E-10
1510	495311.06, 3858551.99	1.61E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.86E-10	1.41E-10
1511	495361.06, 3858551.99	1.59E-06	5.01E-10	1.46E-10	1.57E-06	4.94E-10	1.44E-10	1.52E-06	4.80E-10	1.40E-10
1512	495411.06, 3858551.99	1.57E-06	4.97E-10	1.45E-10	1.55E-06	4.90E-10	1.43E-10	1.51E-06	4.76E-10	1.39E-10
1513	495461.06, 3858551.99	1.56E-06	4.92E-10	1.43E-10	1.54E-06	4.85E-10	1.41E-10	1.49E-06	4.71E-10	1.37E-10
1514	495511.06, 3858551.99	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.82E-10	1.40E-10	1.48E-06	4.68E-10	1.36E-10

1515	495561.06, 3858551.99	1.53E-06	4.83E-10	1.41E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10
1516	495611.06, 3858551.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.58E-10	1.33E-10
1517	495661.06, 3858551.99	1.49E-06	4.72E-10	1.37E-10	1.47E-06	4.65E-10	1.35E-10	1.43E-06	4.52E-10	1.31E-10
1518	494311.06, 3858601.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
1519	494361.06, 3858601.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
1520	494411.06, 3858601.99	2.31E-06	7.30E-10	2.12E-10	2.28E-06	7.20E-10	2.09E-10	2.22E-06	6.99E-10	2.03E-10
1521	494461.06, 3858601.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.93E-10	2.01E-10
1522	494511.06, 3858601.99	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.97E-10	2.03E-10	2.15E-06	6.77E-10	1.97E-10
1523	494561.06, 3858601.99	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
1524	494611.06, 3858601.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
1525	494661.06, 3858601.99	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
1526	494711.06, 3858601.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
1527	494761.06, 3858601.99	2.06E-06	6.51E-10	1.89E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.24E-10	1.82E-10
1528	494811.06, 3858601.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
1529	494861.06, 3858601.99	1.97E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
1530	494911.06, 3858601.99	1.91E-06	6.03E-10	1.75E-10	1.88E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1531	494961.06, 3858601.99	1.87E-06	5.90E-10	1.72E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1532	495011.06, 3858601.99	1.83E-06	5.76E-10	1.68E-10	1.80E-06	5.69E-10	1.65E-10	1.75E-06	5.53E-10	1.61E-10
1533	495061.06, 3858601.99	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1534	495111.06, 3858601.99	1.73E-06	5.45E-10	1.59E-10	1.70E-06	5.38E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1535	495161.06, 3858601.99	1.69E-06	5.35E-10	1.55E-10	1.67E-06	5.28E-10	1.53E-10	1.62E-06	5.12E-10	1.49E-10
1536	495211.06, 3858601.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1537	495261.06, 3858601.99	1.64E-06	5.18E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.57E-06	4.97E-10	1.44E-10
1538	495311.06, 3858601.99	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.90E-10	1.43E-10
1539	495361.06, 3858601.99	1.61E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.86E-10	1.41E-10
1540	495411.06, 3858601.99	1.59E-06	5.02E-10	1.46E-10	1.57E-06	4.95E-10	1.44E-10	1.52E-06	4.81E-10	1.40E-10
1541	495461.06, 3858601.99	1.58E-06	4.98E-10	1.45E-10	1.56E-06	4.91E-10	1.43E-10	1.51E-06	4.77E-10	1.39E-10
1542	495511.06, 3858601.99	1.56E-06	4.91E-10	1.43E-10	1.54E-06	4.85E-10	1.41E-10	1.49E-06	4.71E-10	1.37E-10
1543	495561.06, 3858601.99	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.82E-10	1.40E-10	1.48E-06	4.68E-10	1.36E-10
1544	495611.06, 3858601.99	1.52E-06	4.81E-10	1.40E-10	1.50E-06	4.74E-10	1.38E-10	1.46E-06	4.61E-10	1.34E-10
1545	495661.06, 3858601.99	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
1546	494311.06, 3858651.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
1547	494361.06, 3858651.99	2.20E-06	6.96E-10	2.02E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
1548	494411.06, 3858651.99	2.32E-06	7.32E-10	2.13E-10	2.29E-06	7.22E-10	2.10E-10	2.22E-06	7.02E-10	2.04E-10
1549	494461.06, 3858651.99	2.32E-06	7.32E-10	2.13E-10	2.29E-06	7.22E-10	2.10E-10	2.22E-06	7.01E-10	2.04E-10
1550	494511.06, 3858651.99	2.29E-06	7.21E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1551	494561.06, 3858651.99	2.26E-06	7.13E-10	2.08E-10	2.23E-06	7.04E-10	2.05E-10	2.17E-06	6.84E-10	1.99E-10
1552	494611.06, 3858651.99	2.23E-06	7.04E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
1553	494661.06, 3858651.99	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.62E-10	1.92E-10
1554	494711.06, 3858651.99	2.14E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
1555	494761.06, 3858651.99	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
1556	494811.06, 3858651.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.85E-10	1.95E-06	6.16E-10	1.79E-10
1557	494861.06, 3858651.99	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.75E-10
1558	494911.06, 3858651.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1559	494961.06, 3858651.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
1560	495011.06, 3858651.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1561	495061.06, 3858651.99	1.80E-06	5.68E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1562	495111.06, 3858651.99	1.75E-06	5.53E-10	1.61E-10	1.73E-06	5.45E-10	1.59E-10	1.68E-06	5.30E-10	1.54E-10
1563	495161.06, 3858651.99	1.72E-06	5.42E-10	1.58E-10	1.70E-06	5.35E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
1564	495211.06, 3858651.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.08E-10	1.48E-10
1565	495261.06, 3858651.99	1.66E-06	5.25E-10	1.53E-10	1.64E-06	5.19E-10	1.51E-10	1.60E-06	5.04E-10	1.46E-10
1566	495311.06, 3858651.99	1.64E-06	5.18E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.57E-06	4.97E-10	1.45E-10
1567	495361.06, 3858651.99	1.63E-06	5.13E-10	1.49E-10	1.61E-06	5.07E-10	1.47E-10	1.56E-06	4.92E-10	1.43E-10
1568	495411.06, 3858651.99	1.61E-06	5.09E-10	1.48E-10	1.59E-06	5.03E-10	1.46E-10	1.55E-06	4.88E-10	1.42E-10
1569	495461.06, 3858651.99	1.60E-06	5.07E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.85E-10	1.41E-10
1570	495511.06, 3858651.99	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.78E-10	1.39E-10
1571	495561.06, 3858651.99	1.56E-06	4.93E-10	1.43E-10	1.54E-06	4.87E-10	1.42E-10	1.50E-06	4.73E-10	1.37E-10
1572	495611.06, 3858651.99	1.54E-06	4.85E-10	1.41E-10	1.52E-06	4.79E-10	1.39E-10	1.47E-06	4.65E-10	1.35E-10
1573	495661.06, 3858651.99	1.52E-06	4.81E-10	1.40E-10	1.50E-06	4.75E-10	1.38E-10	1.46E-06	4.61E-10	1.34E-10
1574	494311.06, 3858701.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1575	494361.06, 3858701.99	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
1576	494411.06, 3858701.99	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
1577	494461.06, 3858701.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10
1578	494511.06, 3858701.99	2.32E-06	7.31E-10	2.13E-10	2.29E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
1579	494561.06, 3858701.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1580	494611.06, 3858701.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
1581	494661.06, 3858701.99	2.21E-06	6.96E-10	2.03E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
1582	494711.06, 3858701.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1583	494761.06, 3858701.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10

1584	494811.06, 3858701.99	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
1585	494861.06, 3858701.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
1586	494911.06, 3858701.99	1.96E-06	6.17E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.92E-10	1.72E-10
1587	494961.06, 3858701.99	1.89E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
1588	495011.06, 3858701.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.56E-10	1.62E-10
1589	495061.06, 3858701.99	1.81E-06	5.73E-10	1.67E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.49E-10	1.60E-10
1590	495111.06, 3858701.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1591	495161.06, 3858701.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.53E-10
1592	495211.06, 3858701.99	1.70E-06	5.36E-10	1.56E-10	1.68E-06	5.29E-10	1.54E-10	1.63E-06	5.14E-10	1.49E-10
1593	495261.06, 3858701.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10
1594	495311.06, 3858701.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1595	495361.06, 3858701.99	1.65E-06	5.21E-10	1.51E-10	1.63E-06	5.14E-10	1.49E-10	1.58E-06	4.99E-10	1.45E-10
1596	495411.06, 3858701.99	1.64E-06	5.17E-10	1.51E-10	1.62E-06	5.11E-10	1.49E-10	1.57E-06	4.96E-10	1.44E-10
1597	495461.06, 3858701.99	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
1598	495511.06, 3858701.99	1.60E-06	5.06E-10	1.47E-10	1.58E-06	5.00E-10	1.45E-10	1.54E-06	4.85E-10	1.41E-10
1599	495561.06, 3858701.99	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.78E-10	1.39E-10
1600	495611.06, 3858701.99	1.56E-06	4.92E-10	1.43E-10	1.54E-06	4.85E-10	1.41E-10	1.49E-06	4.71E-10	1.37E-10
1601	495661.06, 3858701.99	1.54E-06	4.87E-10	1.42E-10	1.52E-06	4.80E-10	1.40E-10	1.48E-06	4.67E-10	1.36E-10
1602	494311.06, 3858751.99	2.14E-06	6.76E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
1603	494361.06, 3858751.99	2.32E-06	7.32E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.22E-06	7.02E-10	2.04E-10
1604	494411.06, 3858751.99	2.38E-06	7.51E-10	2.18E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
1605	494461.06, 3858751.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.37E-10	2.14E-10	2.27E-06	7.15E-10	2.08E-10
1606	494511.06, 3858751.99	2.36E-06	7.44E-10	2.16E-10	2.33E-06	7.34E-10	2.14E-10	2.26E-06	7.13E-10	2.07E-10
1607	494561.06, 3858751.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1608	494611.06, 3858751.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
1609	494661.06, 3858751.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.95E-10
1610	494711.06, 3858751.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
1611	494761.06, 3858751.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
1612	494811.06, 3858751.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
1613	494861.06, 3858751.99	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.76E-10
1614	494911.06, 3858751.99	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
1615	494961.06, 3858751.99	1.91E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
1616	495011.06, 3858751.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
1617	495061.06, 3858751.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
1618	495111.06, 3858751.99	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.55E-10	1.62E-10	1.71E-06	5.39E-10	1.57E-10
1619	495161.06, 3858751.99	1.75E-06	5.53E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.30E-10	1.54E-10
1620	495211.06, 3858751.99	1.72E-06	5.42E-10	1.58E-10	1.69E-06	5.35E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
1621	495261.06, 3858751.99	1.70E-06	5.36E-10	1.56E-10	1.68E-06	5.29E-10	1.54E-10	1.63E-06	5.14E-10	1.50E-10
1622	495311.06, 3858751.99	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
1623	495361.06, 3858751.99	1.67E-06	5.26E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.04E-10	1.47E-10
1624	495411.06, 3858751.99	1.66E-06	5.24E-10	1.52E-10	1.64E-06	5.17E-10	1.50E-10	1.59E-06	5.02E-10	1.46E-10
1625	495461.06, 3858751.99	1.64E-06	5.19E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.58E-06	4.97E-10	1.45E-10
1626	495511.06, 3858751.99	1.62E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
1627	495561.06, 3858751.99	1.60E-06	5.06E-10	1.47E-10	1.58E-06	4.99E-10	1.45E-10	1.54E-06	4.85E-10	1.41E-10
1628	495611.06, 3858751.99	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.78E-10	1.39E-10
1629	495661.06, 3858751.99	1.56E-06	4.93E-10	1.43E-10	1.54E-06	4.87E-10	1.42E-10	1.50E-06	4.72E-10	1.37E-10
1630	494311.06, 3858801.99	2.21E-06	6.99E-10	2.03E-10	2.18E-06	6.89E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
1631	494361.06, 3858801.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.27E-06	7.15E-10	2.08E-10
1632	494411.06, 3858801.99	2.39E-06	7.54E-10	2.19E-10	2.36E-06	7.44E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10
1633	494461.06, 3858801.99	2.39E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.30E-06	7.24E-10	2.11E-10
1634	494511.06, 3858801.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.24E-10	2.10E-10
1635	494561.06, 3858801.99	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
1636	494611.06, 3858801.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1637	494661.06, 3858801.99	2.27E-06	7.16E-10	2.08E-10	2.24E-06	7.07E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
1638	494711.06, 3858801.99	2.21E-06	6.96E-10	2.02E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
1639	494761.06, 3858801.99	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.45E-10	1.88E-10
1640	494811.06, 3858801.99	2.06E-06	6.51E-10	1.89E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.24E-10	1.82E-10
1641	494861.06, 3858801.99	2.02E-06	6.38E-10	1.86E-10	2.00E-06	6.30E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10
1642	494911.06, 3858801.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
1643	494961.06, 3858801.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
1644	495011.06, 3858801.99	1.88E-06	5.93E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
1645	495061.06, 3858801.99	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
1646	495111.06, 3858801.99	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1647	495161.06, 3858801.99	1.76E-06	5.55E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.32E-10	1.55E-10
1648	495211.06, 3858801.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
1649	495261.06, 3858801.99	1.72E-06	5.42E-10	1.58E-10	1.69E-06	5.35E-10	1.56E-10	1.65E-06	5.19E-10	1.51E-10
1650	495311.06, 3858801.99	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.63E-06	5.16E-10	1.50E-10
1651	495361.06, 3858801.99	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1652	495411.06, 3858801.99	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10

1653	495461.06, 3858801.99	1.67E-06	5.26E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1654	495511.06, 3858801.99	1.65E-06	5.19E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.58E-06	4.98E-10	1.45E-10
1655	495561.06, 3858801.99	1.63E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.92E-10	1.43E-10
1656	495611.06, 3858801.99	1.60E-06	5.05E-10	1.47E-10	1.58E-06	4.98E-10	1.45E-10	1.53E-06	4.84E-10	1.41E-10
1657	495661.06, 3858801.99	1.58E-06	5.00E-10	1.45E-10	1.56E-06	4.93E-10	1.44E-10	1.52E-06	4.79E-10	1.39E-10
1658	494311.06, 3858851.99	2.38E-06	7.51E-10	2.19E-10	2.35E-06	7.42E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
1659	494361.06, 3858851.99	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
1660	494411.06, 3858851.99	2.45E-06	7.72E-10	2.25E-10	2.41E-06	7.62E-10	2.22E-10	2.34E-06	7.40E-10	2.15E-10
1661	494461.06, 3858851.99	2.44E-06	7.70E-10	2.24E-10	2.41E-06	7.60E-10	2.21E-10	2.34E-06	7.38E-10	2.15E-10
1662	494511.06, 3858851.99	2.42E-06	7.65E-10	2.22E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.33E-10	2.13E-10
1663	494561.06, 3858851.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10
1664	494611.06, 3858851.99	2.34E-06	7.40E-10	2.15E-10	2.31E-06	7.30E-10	2.12E-10	2.25E-06	7.09E-10	2.06E-10
1665	494661.06, 3858851.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
1666	494711.06, 3858851.99	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.01E-10	2.12E-06	6.69E-10	1.95E-10
1667	494761.06, 3858851.99	2.14E-06	6.76E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
1668	494811.06, 3858851.99	2.09E-06	6.58E-10	1.91E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.83E-10
1669	494861.06, 3858851.99	2.05E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
1670	494911.06, 3858851.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.75E-10
1671	494961.06, 3858851.99	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
1672	495011.06, 3858851.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1673	495061.06, 3858851.99	1.87E-06	5.90E-10	1.71E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1674	495111.06, 3858851.99	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1675	495161.06, 3858851.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1676	495211.06, 3858851.99	1.75E-06	5.54E-10	1.61E-10	1.73E-06	5.47E-10	1.59E-10	1.68E-06	5.31E-10	1.54E-10
1677	495261.06, 3858851.99	1.74E-06	5.49E-10	1.60E-10	1.72E-06	5.42E-10	1.58E-10	1.67E-06	5.26E-10	1.53E-10
1678	495311.06, 3858851.99	1.73E-06	5.46E-10	1.59E-10	1.71E-06	5.39E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1679	495361.06, 3858851.99	1.72E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
1680	495411.06, 3858851.99	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
1681	495461.06, 3858851.99	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.27E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1682	495511.06, 3858851.99	1.67E-06	5.27E-10	1.53E-10	1.65E-06	5.20E-10	1.51E-10	1.60E-06	5.05E-10	1.47E-10
1683	495561.06, 3858851.99	1.64E-06	5.17E-10	1.50E-10	1.62E-06	5.11E-10	1.49E-10	1.57E-06	4.96E-10	1.44E-10
1684	495611.06, 3858851.99	1.61E-06	5.09E-10	1.48E-10	1.59E-06	5.02E-10	1.46E-10	1.54E-06	4.87E-10	1.42E-10
1685	495661.06, 3858851.99	1.60E-06	5.05E-10	1.47E-10	1.58E-06	4.99E-10	1.45E-10	1.53E-06	4.84E-10	1.41E-10
1686	494311.06, 3858901.99	2.45E-06	7.72E-10	2.25E-10	2.41E-06	7.62E-10	2.22E-10	2.34E-06	7.40E-10	2.15E-10
1687	494361.06, 3858901.99	2.51E-06	7.93E-10	2.31E-10	2.48E-06	7.82E-10	2.28E-10	2.41E-06	7.60E-10	2.21E-10
1688	494411.06, 3858901.99	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
1689	494461.06, 3858901.99	2.50E-06	7.89E-10	2.30E-10	2.47E-06	7.79E-10	2.27E-10	2.40E-06	7.56E-10	2.20E-10
1690	494511.06, 3858901.99	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
1691	494561.06, 3858901.99	2.43E-06	7.68E-10	2.23E-10	2.40E-06	7.58E-10	2.20E-10	2.33E-06	7.36E-10	2.14E-10
1692	494611.06, 3858901.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
1693	494661.06, 3858901.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1694	494711.06, 3858901.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
1695	494761.06, 3858901.99	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
1696	494811.06, 3858901.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
1697	494861.06, 3858901.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
1698	494911.06, 3858901.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
1699	494961.06, 3858901.99	1.96E-06	6.19E-10	1.80E-10	1.93E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
1700	495011.06, 3858901.99	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1701	495061.06, 3858901.99	1.87E-06	5.90E-10	1.71E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1702	495111.06, 3858901.99	1.80E-06	5.68E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1703	495161.06, 3858901.99	1.77E-06	5.60E-10	1.63E-10	1.75E-06	5.52E-10	1.61E-10	1.70E-06	5.36E-10	1.56E-10
1704	495211.06, 3858901.99	1.78E-06	5.61E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
1705	495261.06, 3858901.99	1.77E-06	5.57E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
1706	495311.06, 3858901.99	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
1707	495361.06, 3858901.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1708	495411.06, 3858901.99	1.73E-06	5.45E-10	1.59E-10	1.71E-06	5.38E-10	1.57E-10	1.66E-06	5.23E-10	1.52E-10
1709	495461.06, 3858901.99	1.71E-06	5.39E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
1710	495511.06, 3858901.99	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10
1711	495561.06, 3858901.99	1.66E-06	5.24E-10	1.52E-10	1.64E-06	5.17E-10	1.50E-10	1.59E-06	5.02E-10	1.46E-10
1712	495611.06, 3858901.99	1.63E-06	5.15E-10	1.50E-10	1.61E-06	5.08E-10	1.48E-10	1.56E-06	4.94E-10	1.44E-10
1713	495661.06, 3858901.99	1.62E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
1714	494311.06, 3858951.99	2.56E-06	8.09E-10	2.35E-10	2.53E-06	7.98E-10	2.32E-10	2.46E-06	7.75E-10	2.25E-10
1715	494361.06, 3858951.99	2.58E-06	8.14E-10	2.37E-10	2.55E-06	8.04E-10	2.34E-10	2.47E-06	7.81E-10	2.27E-10
1716	494411.06, 3858951.99	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
1717	494461.06, 3858951.99	2.54E-06	8.02E-10	2.33E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10
1718	494511.06, 3858951.99	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.82E-10	2.27E-10	2.41E-06	7.59E-10	2.21E-10
1719	494561.06, 3858951.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
1720	494611.06, 3858951.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.45E-10	2.17E-10	2.29E-06	7.24E-10	2.10E-10
1721	494661.06, 3858951.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10

1722	494711.06, 3858951.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
1723	494761.06, 3858951.99	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.61E-10	1.92E-10
1724	494811.06, 3858951.99	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
1725	494861.06, 3858951.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
1726	494911.06, 3858951.99	2.04E-06	6.45E-10	1.87E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
1727	494961.06, 3858951.99	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
1728	495011.06, 3858951.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
1729	495061.06, 3858951.99	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
1730	495111.06, 3858951.99	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1731	495161.06, 3858951.99	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.74E-06	5.48E-10	1.59E-10
1732	495211.06, 3858951.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1733	495261.06, 3858951.99	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
1734	495311.06, 3858951.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.48E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1735	495361.06, 3858951.99	1.75E-06	5.53E-10	1.61E-10	1.73E-06	5.46E-10	1.59E-10	1.68E-06	5.30E-10	1.54E-10
1736	495411.06, 3858951.99	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
1737	495461.06, 3858951.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
1738	495511.06, 3858951.99	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10
1739	495561.06, 3858951.99	1.68E-06	5.31E-10	1.55E-10	1.66E-06	5.24E-10	1.53E-10	1.61E-06	5.09E-10	1.48E-10
1740	495611.06, 3858951.99	1.66E-06	5.23E-10	1.52E-10	1.64E-06	5.16E-10	1.50E-10	1.59E-06	5.01E-10	1.46E-10
1741	495661.06, 3858951.99	1.65E-06	5.21E-10	1.51E-10	1.63E-06	5.14E-10	1.50E-10	1.58E-06	4.99E-10	1.45E-10
1742	494311.06, 3859001.99	2.64E-06	8.34E-10	2.42E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	7.99E-10	2.32E-10
1743	494361.06, 3859001.99	2.63E-06	8.29E-10	2.41E-10	2.59E-06	8.18E-10	2.38E-10	2.52E-06	7.94E-10	2.31E-10
1744	494411.06, 3859001.99	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
1745	494461.06, 3859001.99	2.58E-06	8.14E-10	2.37E-10	2.55E-06	8.03E-10	2.34E-10	2.47E-06	7.80E-10	2.27E-10
1746	494511.06, 3859001.99	2.55E-06	8.04E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
1747	494561.06, 3859001.99	2.48E-06	7.83E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.50E-10	2.18E-10
1748	494611.06, 3859001.99	2.42E-06	7.63E-10	2.22E-10	2.39E-06	7.53E-10	2.19E-10	2.32E-06	7.32E-10	2.13E-10
1749	494661.06, 3859001.99	2.35E-06	7.41E-10	2.15E-10	2.32E-06	7.31E-10	2.13E-10	2.25E-06	7.10E-10	2.06E-10
1750	494711.06, 3859001.99	2.26E-06	7.15E-10	2.08E-10	2.24E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
1751	494761.06, 3859001.99	2.21E-06	6.99E-10	2.03E-10	2.18E-06	6.89E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
1752	494811.06, 3859001.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.98E-10	2.09E-06	6.60E-10	1.92E-10
1753	494861.06, 3859001.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1754	494911.06, 3859001.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
1755	494961.06, 3859001.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.93E-06	6.10E-10	1.78E-10
1756	495011.06, 3859001.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
1757	495061.06, 3859001.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.79E-06	5.63E-10	1.64E-10
1758	495111.06, 3859001.99	1.81E-06	5.71E-10	1.66E-10	1.79E-06	5.64E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1759	495161.06, 3859001.99	1.84E-06	5.80E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.56E-10	1.62E-10
1760	495211.06, 3859001.99	1.82E-06	5.75E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.51E-10	1.60E-10
1761	495261.06, 3859001.99	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.48E-10	1.60E-10
1762	495311.06, 3859001.99	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1763	495361.06, 3859001.99	1.79E-06	5.63E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1764	495411.06, 3859001.99	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.52E-10	1.60E-10	1.70E-06	5.36E-10	1.56E-10
1765	495461.06, 3859001.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
1766	495511.06, 3859001.99	1.73E-06	5.45E-10	1.59E-10	1.70E-06	5.38E-10	1.56E-10	1.66E-06	5.22E-10	1.52E-10
1767	495561.06, 3859001.99	1.71E-06	5.38E-10	1.57E-10	1.68E-06	5.31E-10	1.55E-10	1.64E-06	5.16E-10	1.50E-10
1768	495611.06, 3859001.99	1.68E-06	5.31E-10	1.55E-10	1.66E-06	5.24E-10	1.53E-10	1.61E-06	5.09E-10	1.48E-10
1769	495661.06, 3859001.99	1.69E-06	5.33E-10	1.55E-10	1.67E-06	5.26E-10	1.53E-10	1.62E-06	5.11E-10	1.49E-10
1770	494311.06, 3859051.99	2.70E-06	8.51E-10	2.48E-10	2.66E-06	8.40E-10	2.44E-10	2.58E-06	8.16E-10	2.37E-10
1771	494361.06, 3859051.99	2.69E-06	8.49E-10	2.47E-10	2.65E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
1772	494411.06, 3859051.99	2.65E-06	8.36E-10	2.43E-10	2.62E-06	8.26E-10	2.40E-10	2.54E-06	8.02E-10	2.33E-10
1773	494461.06, 3859051.99	2.60E-06	8.22E-10	2.39E-10	2.57E-06	8.11E-10	2.36E-10	2.50E-06	7.88E-10	2.29E-10
1774	494511.06, 3859051.99	2.55E-06	8.04E-10	2.34E-10	2.51E-06	7.93E-10	2.31E-10	2.44E-06	7.70E-10	2.24E-10
1775	494561.06, 3859051.99	2.50E-06	7.89E-10	2.29E-10	2.47E-06	7.78E-10	2.26E-10	2.39E-06	7.56E-10	2.20E-10
1776	494611.06, 3859051.99	2.43E-06	7.69E-10	2.24E-10	2.40E-06	7.58E-10	2.21E-10	2.33E-06	7.37E-10	2.14E-10
1777	494661.06, 3859051.99	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.16E-10	2.08E-10
1778	494711.06, 3859051.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1779	494761.06, 3859051.99	2.24E-06	7.08E-10	2.06E-10	2.22E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
1780	494811.06, 3859051.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.94E-10
1781	494861.06, 3859051.99	2.15E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.06E-06	6.52E-10	1.90E-10
1782	494911.06, 3859051.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
1783	494961.06, 3859051.99	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
1784	495011.06, 3859051.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1785	495061.06, 3859051.99	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.88E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10
1786	495111.06, 3859051.99	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
1787	495161.06, 3859051.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.79E-06	5.66E-10	1.65E-10
1788	495211.06, 3859051.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
1789	495261.06, 3859051.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.57E-10	1.62E-10
1790	495311.06, 3859051.99	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.51E-10	1.60E-10

1791	495361.06, 3859051.99	1.81E-06	5.71E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
1792	495411.06, 3859051.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1793	495461.06, 3859051.99	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
1794	495511.06, 3859051.99	1.76E-06	5.55E-10	1.62E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
1795	495561.06, 3859051.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
1796	495611.06, 3859051.99	1.71E-06	5.39E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
1797	495661.06, 3859051.99	1.71E-06	5.40E-10	1.57E-10	1.69E-06	5.33E-10	1.55E-10	1.64E-06	5.18E-10	1.51E-10
1798	494311.06, 3859101.99	2.75E-06	8.69E-10	2.53E-10	2.72E-06	8.58E-10	2.50E-10	2.64E-06	8.33E-10	2.42E-10
1799	494361.06, 3859101.99	2.72E-06	8.58E-10	2.50E-10	2.68E-06	8.47E-10	2.46E-10	2.61E-06	8.23E-10	2.39E-10
1800	494411.06, 3859101.99	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
1801	494461.06, 3859101.99	2.64E-06	8.34E-10	2.43E-10	2.61E-06	8.23E-10	2.39E-10	2.53E-06	7.99E-10	2.33E-10
1802	494511.06, 3859101.99	2.57E-06	8.13E-10	2.36E-10	2.54E-06	8.02E-10	2.33E-10	2.47E-06	7.79E-10	2.27E-10
1803	494561.06, 3859101.99	2.52E-06	7.96E-10	2.32E-10	2.49E-06	7.86E-10	2.29E-10	2.42E-06	7.63E-10	2.22E-10
1804	494611.06, 3859101.99	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.61E-10	2.21E-10	2.34E-06	7.39E-10	2.15E-10
1805	494661.06, 3859101.99	2.39E-06	7.55E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.29E-06	7.24E-10	2.11E-10
1806	494711.06, 3859101.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.99E-10	2.03E-10
1807	494761.06, 3859101.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1808	494811.06, 3859101.99	2.23E-06	7.03E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
1809	494861.06, 3859101.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
1810	494911.06, 3859101.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
1811	494961.06, 3859101.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1812	495011.06, 3859101.99	1.92E-06	6.06E-10	1.76E-10	1.89E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1813	495061.06, 3859101.99	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
1814	495111.06, 3859101.99	1.88E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
1815	495161.06, 3859101.99	1.90E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1816	495211.06, 3859101.99	1.87E-06	5.90E-10	1.71E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
1817	495261.06, 3859101.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1818	495311.06, 3859101.99	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
1819	495361.06, 3859101.99	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.59E-10	1.62E-10
1820	495411.06, 3859101.99	1.84E-06	5.79E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.62E-10
1821	495461.06, 3859101.99	1.81E-06	5.72E-10	1.66E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.48E-10	1.60E-10
1822	495511.06, 3859101.99	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
1823	495561.06, 3859101.99	1.77E-06	5.58E-10	1.62E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
1824	495611.06, 3859101.99	1.74E-06	5.49E-10	1.60E-10	1.72E-06	5.42E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
1825	495661.06, 3859101.99	1.73E-06	5.47E-10	1.59E-10	1.71E-06	5.40E-10	1.57E-10	1.66E-06	5.25E-10	1.53E-10
1826	494311.06, 3859151.99	2.79E-06	8.80E-10	2.56E-10	2.75E-06	8.68E-10	2.53E-10	2.67E-06	8.43E-10	2.45E-10
1827	494361.06, 3859151.99	2.76E-06	8.72E-10	2.54E-10	2.73E-06	8.61E-10	2.50E-10	2.65E-06	8.36E-10	2.43E-10
1828	494411.06, 3859151.99	2.71E-06	8.55E-10	2.49E-10	2.67E-06	8.44E-10	2.45E-10	2.60E-06	8.19E-10	2.38E-10
1829	494461.06, 3859151.99	2.65E-06	8.37E-10	2.43E-10	2.62E-06	8.26E-10	2.40E-10	2.54E-06	8.02E-10	2.33E-10
1830	494511.06, 3859151.99	2.58E-06	8.15E-10	2.37E-10	2.55E-06	8.04E-10	2.34E-10	2.47E-06	7.81E-10	2.27E-10
1831	494561.06, 3859151.99	2.54E-06	8.01E-10	2.33E-10	2.51E-06	7.91E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
1832	494611.06, 3859151.99	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
1833	494661.06, 3859151.99	2.42E-06	7.65E-10	2.22E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.33E-10	2.13E-10
1834	494711.06, 3859151.99	2.38E-06	7.52E-10	2.19E-10	2.35E-06	7.43E-10	2.16E-10	2.29E-06	7.21E-10	2.10E-10
1835	494761.06, 3859151.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
1836	494811.06, 3859151.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
1837	494861.06, 3859151.99	2.20E-06	6.95E-10	2.02E-10	2.17E-06	6.86E-10	2.00E-10	2.11E-06	6.66E-10	1.94E-10
1838	494911.06, 3859151.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1839	494961.06, 3859151.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
1840	495011.06, 3859151.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1841	495061.06, 3859151.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1842	495111.06, 3859151.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1843	495161.06, 3859151.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
1844	495211.06, 3859151.99	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.77E-10	1.68E-10
1845	495261.06, 3859151.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
1846	495311.06, 3859151.99	1.88E-06	5.93E-10	1.72E-10	1.85E-06	5.85E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
1847	495361.06, 3859151.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1848	495411.06, 3859151.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.79E-06	5.66E-10	1.65E-10
1849	495461.06, 3859151.99	1.86E-06	5.87E-10	1.71E-10	1.83E-06	5.79E-10	1.68E-10	1.78E-06	5.62E-10	1.64E-10
1850	495511.06, 3859151.99	1.83E-06	5.76E-10	1.68E-10	1.80E-06	5.69E-10	1.65E-10	1.75E-06	5.52E-10	1.61E-10
1851	495561.06, 3859151.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1852	495611.06, 3859151.99	1.78E-06	5.62E-10	1.64E-10	1.76E-06	5.55E-10	1.61E-10	1.71E-06	5.39E-10	1.57E-10
1853	495661.06, 3859151.99	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
1854	494311.06, 3859201.99	2.81E-06	8.87E-10	2.58E-10	2.77E-06	8.76E-10	2.55E-10	2.69E-06	8.50E-10	2.47E-10
1855	494361.06, 3859201.99	2.78E-06	8.76E-10	2.55E-10	2.74E-06	8.65E-10	2.52E-10	2.66E-06	8.40E-10	2.44E-10
1856	494411.06, 3859201.99	2.73E-06	8.61E-10	2.51E-10	2.69E-06	8.50E-10	2.47E-10	2.62E-06	8.25E-10	2.40E-10
1857	494461.06, 3859201.99	2.66E-06	8.40E-10	2.44E-10	2.63E-06	8.29E-10	2.41E-10	2.55E-06	8.05E-10	2.34E-10
1858	494511.06, 3859201.99	2.62E-06	8.26E-10	2.40E-10	2.58E-06	8.15E-10	2.37E-10	2.51E-06	7.91E-10	2.30E-10
1859	494561.06, 3859201.99	2.54E-06	8.03E-10	2.34E-10	2.51E-06	7.92E-10	2.30E-10	2.44E-06	7.69E-10	2.24E-10

1860	494611.06, 3859201.99	2.49E-06	7.85E-10	2.28E-10	2.45E-06	7.75E-10	2.25E-10	2.38E-06	7.52E-10	2.19E-10
1861	494661.06, 3859201.99	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.61E-10	2.21E-10	2.34E-06	7.39E-10	2.15E-10
1862	494711.06, 3859201.99	2.40E-06	7.57E-10	2.20E-10	2.37E-06	7.47E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
1863	494761.06, 3859201.99	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.24E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1864	494811.06, 3859201.99	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.86E-10	1.99E-10
1865	494861.06, 3859201.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
1866	494911.06, 3859201.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
1867	494961.06, 3859201.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.85E-10	1.95E-06	6.16E-10	1.79E-10
1868	495011.06, 3859201.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
1869	495061.06, 3859201.99	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
1870	495111.06, 3859201.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
1871	495161.06, 3859201.99	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1872	495211.06, 3859201.99	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
1873	495261.06, 3859201.99	1.92E-06	6.05E-10	1.76E-10	1.89E-06	5.97E-10	1.74E-10	1.84E-06	5.79E-10	1.69E-10
1874	495311.06, 3859201.99	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.82E-06	5.76E-10	1.68E-10
1875	495361.06, 3859201.99	1.90E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1876	495411.06, 3859201.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
1877	495461.06, 3859201.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.71E-10	1.80E-06	5.69E-10	1.66E-10
1878	495511.06, 3859201.99	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.64E-10	1.64E-10
1879	495561.06, 3859201.99	1.83E-06	5.77E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
1880	495611.06, 3859201.99	1.80E-06	5.69E-10	1.66E-10	1.78E-06	5.62E-10	1.63E-10	1.73E-06	5.46E-10	1.59E-10
1881	495661.06, 3859201.99	1.79E-06	5.64E-10	1.64E-10	1.76E-06	5.56E-10	1.62E-10	1.71E-06	5.40E-10	1.57E-10
1882	494311.06, 3859251.99	2.83E-06	8.93E-10	2.60E-10	2.79E-06	8.81E-10	2.56E-10	2.71E-06	8.56E-10	2.49E-10
1883	494361.06, 3859251.99	2.78E-06	8.77E-10	2.55E-10	2.74E-06	8.66E-10	2.52E-10	2.66E-06	8.41E-10	2.45E-10
1884	494411.06, 3859251.99	2.71E-06	8.56E-10	2.49E-10	2.68E-06	8.45E-10	2.46E-10	2.60E-06	8.21E-10	2.39E-10
1885	494461.06, 3859251.99	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
1886	494511.06, 3859251.99	2.60E-06	8.20E-10	2.38E-10	2.56E-06	8.09E-10	2.35E-10	2.49E-06	7.85E-10	2.28E-10
1887	494561.06, 3859251.99	2.55E-06	8.05E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
1888	494611.06, 3859251.99	2.49E-06	7.86E-10	2.29E-10	2.46E-06	7.75E-10	2.26E-10	2.39E-06	7.53E-10	2.19E-10
1889	494661.06, 3859251.99	2.46E-06	7.75E-10	2.25E-10	2.42E-06	7.65E-10	2.22E-10	2.35E-06	7.43E-10	2.16E-10
1890	494711.06, 3859251.99	2.41E-06	7.61E-10	2.21E-10	2.38E-06	7.51E-10	2.18E-10	2.31E-06	7.29E-10	2.12E-10
1891	494761.06, 3859251.99	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.17E-10	2.08E-10	2.21E-06	6.96E-10	2.02E-10
1892	494811.06, 3859251.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
1893	494861.06, 3859251.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
1894	494911.06, 3859251.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
1895	494961.06, 3859251.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.44E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
1896	495011.06, 3859251.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1897	495061.06, 3859251.99	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
1898	495111.06, 3859251.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.20E-10	1.80E-10	1.91E-06	6.03E-10	1.75E-10
1899	495161.06, 3859251.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
1900	495211.06, 3859251.99	1.96E-06	6.17E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.92E-10	1.72E-10
1901	495261.06, 3859251.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
1902	495311.06, 3859251.99	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1903	495361.06, 3859251.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.75E-10	1.85E-06	5.83E-10	1.69E-10
1904	495411.06, 3859251.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
1905	495461.06, 3859251.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
1906	495511.06, 3859251.99	1.87E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
1907	495561.06, 3859251.99	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
1908	495611.06, 3859251.99	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.60E-10
1909	495661.06, 3859251.99	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.62E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
1910	494311.06, 3859301.99	2.84E-06	8.95E-10	2.60E-10	2.80E-06	8.83E-10	2.57E-10	2.72E-06	8.58E-10	2.49E-10
1911	494361.06, 3859301.99	2.78E-06	8.79E-10	2.56E-10	2.75E-06	8.67E-10	2.52E-10	2.67E-06	8.42E-10	2.45E-10
1912	494411.06, 3859301.99	2.72E-06	8.58E-10	2.50E-10	2.68E-06	8.47E-10	2.46E-10	2.61E-06	8.23E-10	2.39E-10
1913	494461.06, 3859301.99	2.66E-06	8.38E-10	2.44E-10	2.62E-06	8.27E-10	2.41E-10	2.54E-06	8.03E-10	2.34E-10
1914	494511.06, 3859301.99	2.60E-06	8.20E-10	2.39E-10	2.57E-06	8.10E-10	2.35E-10	2.49E-06	7.86E-10	2.29E-10
1915	494561.06, 3859301.99	2.55E-06	8.06E-10	2.34E-10	2.52E-06	7.96E-10	2.31E-10	2.45E-06	7.73E-10	2.25E-10
1916	494611.06, 3859301.99	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.58E-10	2.20E-10
1917	494661.06, 3859301.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.65E-10	2.23E-10	2.36E-06	7.43E-10	2.16E-10
1918	494711.06, 3859301.99	2.40E-06	7.58E-10	2.20E-10	2.37E-06	7.48E-10	2.17E-10	2.30E-06	7.26E-10	2.11E-10
1919	494761.06, 3859301.99	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10
1920	494811.06, 3859301.99	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.10E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
1921	494861.06, 3859301.99	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
1922	494911.06, 3859301.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
1923	494961.06, 3859301.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
1924	495011.06, 3859301.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
1925	495061.06, 3859301.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
1926	495111.06, 3859301.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
1927	495161.06, 3859301.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
1928	495211.06, 3859301.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.75E-10

1929	495261.06, 3859301.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
1930	495311.06, 3859301.99	1.96E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
1931	495361.06, 3859301.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
1932	495411.06, 3859301.99	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1933	495461.06, 3859301.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
1934	495511.06, 3859301.99	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10
1935	495561.06, 3859301.99	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
1936	495611.06, 3859301.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.56E-10	1.62E-10
1937	495661.06, 3859301.99	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
1938	494311.06, 3859351.99	2.82E-06	8.90E-10	2.59E-10	2.78E-06	8.79E-10	2.56E-10	2.70E-06	8.53E-10	2.48E-10
1939	494361.06, 3859351.99	2.77E-06	8.74E-10	2.54E-10	2.73E-06	8.63E-10	2.51E-10	2.66E-06	8.38E-10	2.44E-10
1940	494411.06, 3859351.99	2.70E-06	8.53E-10	2.48E-10	2.67E-06	8.42E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
1941	494461.06, 3859351.99	2.64E-06	8.35E-10	2.43E-10	2.61E-06	8.24E-10	2.40E-10	2.53E-06	8.00E-10	2.33E-10
1942	494511.06, 3859351.99	2.59E-06	8.18E-10	2.38E-10	2.56E-06	8.07E-10	2.35E-10	2.48E-06	7.84E-10	2.28E-10
1943	494561.06, 3859351.99	2.55E-06	8.06E-10	2.34E-10	2.52E-06	7.95E-10	2.31E-10	2.45E-06	7.72E-10	2.25E-10
1944	494611.06, 3859351.99	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.81E-10	2.27E-10	2.40E-06	7.59E-10	2.21E-10
1945	494661.06, 3859351.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.44E-10	2.17E-10
1946	494711.06, 3859351.99	2.40E-06	7.58E-10	2.20E-10	2.37E-06	7.48E-10	2.18E-10	2.30E-06	7.26E-10	2.11E-10
1947	494761.06, 3859351.99	2.33E-06	7.34E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
1948	494811.06, 3859351.99	2.23E-06	7.03E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
1949	494861.06, 3859351.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
1950	494911.06, 3859351.99	2.16E-06	6.83E-10	1.99E-10	2.13E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
1951	494961.06, 3859351.99	2.12E-06	6.69E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
1952	495011.06, 3859351.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
1953	495061.06, 3859351.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
1954	495111.06, 3859351.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
1955	495161.06, 3859351.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.19E-10	1.80E-10
1956	495211.06, 3859351.99	2.03E-06	6.40E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.94E-06	6.13E-10	1.78E-10
1957	495261.06, 3859351.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
1958	495311.06, 3859351.99	1.99E-06	6.28E-10	1.83E-10	1.97E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
1959	495361.06, 3859351.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
1960	495411.06, 3859351.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
1961	495461.06, 3859351.99	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.73E-10
1962	495511.06, 3859351.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
1963	495561.06, 3859351.99	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
1964	495611.06, 3859351.99	1.87E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
1965	495661.06, 3859351.99	1.84E-06	5.80E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.56E-10	1.62E-10
1966	494311.06, 3859401.99	2.82E-06	8.89E-10	2.59E-10	2.78E-06	8.77E-10	2.55E-10	2.70E-06	8.52E-10	2.48E-10
1967	494361.06, 3859401.99	2.75E-06	8.68E-10	2.53E-10	2.72E-06	8.57E-10	2.49E-10	2.64E-06	8.32E-10	2.42E-10
1968	494411.06, 3859401.99	2.68E-06	8.47E-10	2.46E-10	2.65E-06	8.36E-10	2.43E-10	2.57E-06	8.12E-10	2.36E-10
1969	494461.06, 3859401.99	2.63E-06	8.31E-10	2.42E-10	2.60E-06	8.20E-10	2.39E-10	2.52E-06	7.96E-10	2.32E-10
1970	494511.06, 3859401.99	2.60E-06	8.20E-10	2.39E-10	2.56E-06	8.09E-10	2.35E-10	2.49E-06	7.86E-10	2.29E-10
1971	494561.06, 3859401.99	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.97E-10	2.32E-10	2.45E-06	7.74E-10	2.25E-10
1972	494611.06, 3859401.99	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.81E-10	2.27E-10	2.40E-06	7.58E-10	2.21E-10
1973	494661.06, 3859401.99	2.47E-06	7.80E-10	2.27E-10	2.44E-06	7.70E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
1974	494711.06, 3859401.99	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
1975	494761.06, 3859401.99	2.35E-06	7.42E-10	2.16E-10	2.32E-06	7.32E-10	2.13E-10	2.25E-06	7.11E-10	2.07E-10
1976	494811.06, 3859401.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.93E-10	2.01E-10
1977	494861.06, 3859401.99	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
1978	494911.06, 3859401.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.76E-10	1.96E-10	2.08E-06	6.56E-10	1.91E-10
1979	494961.06, 3859401.99	2.15E-06	6.77E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.06E-06	6.49E-10	1.89E-10
1980	495011.06, 3859401.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
1981	495061.06, 3859401.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
1982	495111.06, 3859401.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
1983	495161.06, 3859401.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
1984	495211.06, 3859401.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
1985	495261.06, 3859401.99	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.36E-10	1.85E-10	1.96E-06	6.17E-10	1.80E-10
1986	495311.06, 3859401.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
1987	495361.06, 3859401.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
1988	495411.06, 3859401.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
1989	495461.06, 3859401.99	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
1990	495511.06, 3859401.99	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
1991	495561.06, 3859401.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
1992	495611.06, 3859401.99	1.88E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
1993	495661.06, 3859401.99	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.62E-10	1.63E-10
1994	494311.06, 3859451.99	2.78E-06	8.78E-10	2.56E-10	2.75E-06	8.67E-10	2.52E-10	2.67E-06	8.42E-10	2.45E-10
1995	494361.06, 3859451.99	2.73E-06	8.61E-10	2.50E-10	2.69E-06	8.49E-10	2.47E-10	2.61E-06	8.25E-10	2.40E-10
1996	494411.06, 3859451.99	2.65E-06	8.35E-10	2.43E-10	2.61E-06	8.25E-10	2.40E-10	2.54E-06	8.01E-10	2.33E-10
1997	494461.06, 3859451.99	2.62E-06	8.27E-10	2.40E-10	2.59E-06	8.16E-10	2.37E-10	2.51E-06	7.92E-10	2.30E-10

1998	494511.06, 3859451.99	2.57E-06	8.12E-10	2.36E-10	2.54E-06	8.01E-10	2.33E-10	2.47E-06	7.78E-10	2.26E-10
1999	494561.06, 3859451.99	2.53E-06	8.00E-10	2.33E-10	2.50E-06	7.89E-10	2.30E-10	2.43E-06	7.67E-10	2.23E-10
2000	494611.06, 3859451.99	2.51E-06	7.93E-10	2.31E-10	2.48E-06	7.82E-10	2.28E-10	2.41E-06	7.60E-10	2.21E-10
2001	494661.06, 3859451.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
2002	494711.06, 3859451.99	2.41E-06	7.61E-10	2.21E-10	2.38E-06	7.51E-10	2.19E-10	2.31E-06	7.30E-10	2.12E-10
2003	494761.06, 3859451.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.39E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
2004	494811.06, 3859451.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
2005	494861.06, 3859451.99	2.26E-06	7.12E-10	2.07E-10	2.23E-06	7.03E-10	2.04E-10	2.16E-06	6.83E-10	1.99E-10
2006	494911.06, 3859451.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2007	494961.06, 3859451.99	2.19E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.10E-06	6.64E-10	1.93E-10
2008	495011.06, 3859451.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
2009	495061.06, 3859451.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
2010	495111.06, 3859451.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
2011	495161.06, 3859451.99	2.10E-06	6.61E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2012	495211.06, 3859451.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2013	495261.06, 3859451.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2014	495311.06, 3859451.99	2.05E-06	6.48E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
2015	495361.06, 3859451.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.84E-10	1.95E-06	6.16E-10	1.79E-10
2016	495411.06, 3859451.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
2017	495461.06, 3859451.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
2018	495511.06, 3859451.99	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2019	495561.06, 3859451.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2020	495611.06, 3859451.99	1.90E-06	6.01E-10	1.75E-10	1.88E-06	5.93E-10	1.72E-10	1.82E-06	5.76E-10	1.67E-10
2021	495661.06, 3859451.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
2022	494311.06, 3859501.99	2.76E-06	8.71E-10	2.53E-10	2.72E-06	8.59E-10	2.50E-10	2.64E-06	8.34E-10	2.43E-10
2023	494361.06, 3859501.99	2.70E-06	8.54E-10	2.48E-10	2.67E-06	8.42E-10	2.45E-10	2.59E-06	8.18E-10	2.38E-10
2024	494411.06, 3859501.99	2.61E-06	8.24E-10	2.40E-10	2.58E-06	8.14E-10	2.37E-10	2.50E-06	7.90E-10	2.30E-10
2025	494461.06, 3859501.99	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.13E-10	2.36E-10	2.50E-06	7.89E-10	2.30E-10
2026	494511.06, 3859501.99	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.97E-10	2.32E-10	2.45E-06	7.74E-10	2.25E-10
2027	494561.06, 3859501.99	2.52E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
2028	494611.06, 3859501.99	2.51E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10
2029	494661.06, 3859501.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
2030	494711.06, 3859501.99	2.39E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.29E-06	7.24E-10	2.11E-10
2031	494761.06, 3859501.99	2.38E-06	7.52E-10	2.19E-10	2.35E-06	7.42E-10	2.16E-10	2.28E-06	7.20E-10	2.10E-10
2032	494811.06, 3859501.99	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
2033	494861.06, 3859501.99	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2034	494911.06, 3859501.99	2.24E-06	7.09E-10	2.06E-10	2.22E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.98E-10
2035	494961.06, 3859501.99	2.20E-06	6.95E-10	2.02E-10	2.17E-06	6.86E-10	2.00E-10	2.11E-06	6.66E-10	1.94E-10
2036	495011.06, 3859501.99	2.18E-06	6.89E-10	2.01E-10	2.16E-06	6.80E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
2037	495061.06, 3859501.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
2038	495111.06, 3859501.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2039	495161.06, 3859501.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
2040	495211.06, 3859501.99	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10
2041	495261.06, 3859501.99	2.09E-06	6.58E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2042	495311.06, 3859501.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
2043	495361.06, 3859501.99	2.05E-06	6.48E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
2044	495411.06, 3859501.99	2.04E-06	6.42E-10	1.87E-10	2.01E-06	6.34E-10	1.84E-10	1.95E-06	6.16E-10	1.79E-10
2045	495461.06, 3859501.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
2046	495511.06, 3859501.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2047	495561.06, 3859501.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2048	495611.06, 3859501.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.85E-06	5.83E-10	1.69E-10
2049	495661.06, 3859501.99	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
2050	494311.06, 3859551.99	2.73E-06	8.61E-10	2.50E-10	2.69E-06	8.49E-10	2.47E-10	2.61E-06	8.25E-10	2.40E-10
2051	494361.06, 3859551.99	2.67E-06	8.42E-10	2.45E-10	2.63E-06	8.31E-10	2.42E-10	2.56E-06	8.07E-10	2.35E-10
2052	494411.06, 3859551.99	2.58E-06	8.13E-10	2.37E-10	2.54E-06	8.03E-10	2.33E-10	2.47E-06	7.79E-10	2.27E-10
2053	494461.06, 3859551.99	2.59E-06	8.16E-10	2.37E-10	2.55E-06	8.05E-10	2.34E-10	2.48E-06	7.82E-10	2.27E-10
2054	494511.06, 3859551.99	2.54E-06	8.01E-10	2.33E-10	2.51E-06	7.91E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
2055	494561.06, 3859551.99	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
2056	494611.06, 3859551.99	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
2057	494661.06, 3859551.99	2.45E-06	7.74E-10	2.25E-10	2.42E-06	7.64E-10	2.22E-10	2.35E-06	7.42E-10	2.16E-10
2058	494711.06, 3859551.99	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2059	494761.06, 3859551.99	2.37E-06	7.50E-10	2.18E-10	2.34E-06	7.40E-10	2.15E-10	2.28E-06	7.18E-10	2.09E-10
2060	494811.06, 3859551.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
2061	494861.06, 3859551.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
2062	494911.06, 3859551.99	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2063	494961.06, 3859551.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.96E-10
2064	495011.06, 3859551.99	2.21E-06	6.97E-10	2.03E-10	2.18E-06	6.88E-10	2.00E-10	2.12E-06	6.68E-10	1.94E-10
2065	495061.06, 3859551.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.98E-10	2.09E-06	6.60E-10	1.92E-10
2066	495111.06, 3859551.99	2.15E-06	6.77E-10	1.97E-10	2.12E-06	6.69E-10	1.94E-10	2.06E-06	6.49E-10	1.89E-10

2067	495161.06, 3859551.99	2.13E-06	6.73E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
2068	495211.06, 3859551.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2069	495261.06, 3859551.99	2.10E-06	6.62E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
2070	495311.06, 3859551.99	2.08E-06	6.56E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2071	495361.06, 3859551.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
2072	495411.06, 3859551.99	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
2073	495461.06, 3859551.99	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.27E-10	1.83E-10	1.93E-06	6.09E-10	1.77E-10
2074	495511.06, 3859551.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
2075	495561.06, 3859551.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
2076	495611.06, 3859551.99	1.94E-06	6.11E-10	1.78E-10	1.91E-06	6.03E-10	1.75E-10	1.86E-06	5.86E-10	1.70E-10
2077	495661.06, 3859551.99	1.91E-06	6.03E-10	1.75E-10	1.88E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2078	494311.06, 3859601.99	2.70E-06	8.52E-10	2.48E-10	2.66E-06	8.41E-10	2.45E-10	2.59E-06	8.17E-10	2.38E-10
2079	494361.06, 3859601.99	2.61E-06	8.24E-10	2.40E-10	2.58E-06	8.13E-10	2.37E-10	2.50E-06	7.90E-10	2.30E-10
2080	494411.06, 3859601.99	2.56E-06	8.07E-10	2.35E-10	2.52E-06	7.97E-10	2.32E-10	2.45E-06	7.74E-10	2.25E-10
2081	494461.06, 3859601.99	2.56E-06	8.08E-10	2.35E-10	2.53E-06	7.98E-10	2.32E-10	2.46E-06	7.75E-10	2.25E-10
2082	494511.06, 3859601.99	2.50E-06	7.89E-10	2.30E-10	2.47E-06	7.79E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
2083	494561.06, 3859601.99	2.50E-06	7.88E-10	2.29E-10	2.46E-06	7.78E-10	2.26E-10	2.39E-06	7.55E-10	2.20E-10
2084	494611.06, 3859601.99	2.48E-06	7.82E-10	2.28E-10	2.45E-06	7.72E-10	2.25E-10	2.38E-06	7.50E-10	2.18E-10
2085	494661.06, 3859601.99	2.41E-06	7.62E-10	2.22E-10	2.38E-06	7.52E-10	2.19E-10	2.31E-06	7.30E-10	2.12E-10
2086	494711.06, 3859601.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
2087	494761.06, 3859601.99	2.38E-06	7.52E-10	2.19E-10	2.35E-06	7.42E-10	2.16E-10	2.28E-06	7.20E-10	2.10E-10
2088	494811.06, 3859601.99	2.32E-06	7.31E-10	2.13E-10	2.29E-06	7.22E-10	2.10E-10	2.22E-06	7.01E-10	2.04E-10
2089	494861.06, 3859601.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.14E-10	2.08E-10	2.20E-06	6.93E-10	2.02E-10
2090	494911.06, 3859601.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2091	494961.06, 3859601.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
2092	495011.06, 3859601.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10
2093	495061.06, 3859601.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.63E-10	1.93E-10
2094	495111.06, 3859601.99	2.15E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.06E-06	6.52E-10	1.90E-10
2095	495161.06, 3859601.99	2.14E-06	6.76E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
2096	495211.06, 3859601.99	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
2097	495261.06, 3859601.99	2.11E-06	6.65E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.85E-10
2098	495311.06, 3859601.99	2.09E-06	6.61E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2099	495361.06, 3859601.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
2100	495411.06, 3859601.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.87E-10	1.97E-06	6.23E-10	1.81E-10
2101	495461.06, 3859601.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.93E-06	6.10E-10	1.78E-10
2102	495511.06, 3859601.99	1.98E-06	6.25E-10	1.82E-10	1.96E-06	6.17E-10	1.80E-10	1.90E-06	5.99E-10	1.74E-10
2103	495561.06, 3859601.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2104	495611.06, 3859601.99	1.93E-06	6.10E-10	1.78E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
2105	495661.06, 3859601.99	1.92E-06	6.06E-10	1.76E-10	1.89E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
2106	494311.06, 3859651.99	2.65E-06	8.35E-10	2.43E-10	2.61E-06	8.24E-10	2.40E-10	2.54E-06	8.00E-10	2.33E-10
2107	494361.06, 3859651.99	2.57E-06	8.11E-10	2.36E-10	2.53E-06	8.00E-10	2.33E-10	2.46E-06	7.77E-10	2.26E-10
2108	494411.06, 3859651.99	2.54E-06	8.01E-10	2.33E-10	2.50E-06	7.90E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
2109	494461.06, 3859651.99	2.54E-06	8.01E-10	2.33E-10	2.50E-06	7.91E-10	2.30E-10	2.43E-06	7.68E-10	2.23E-10
2110	494511.06, 3859651.99	2.50E-06	7.90E-10	2.30E-10	2.47E-06	7.80E-10	2.27E-10	2.40E-06	7.57E-10	2.20E-10
2111	494561.06, 3859651.99	2.48E-06	7.84E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
2112	494611.06, 3859651.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
2113	494661.06, 3859651.99	2.39E-06	7.54E-10	2.19E-10	2.36E-06	7.44E-10	2.17E-10	2.29E-06	7.23E-10	2.10E-10
2114	494711.06, 3859651.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.08E-10
2115	494761.06, 3859651.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
2116	494811.06, 3859651.99	2.31E-06	7.30E-10	2.12E-10	2.28E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
2117	494861.06, 3859651.99	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
2118	494911.06, 3859651.99	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2119	494961.06, 3859651.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2120	495011.06, 3859651.99	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2121	495061.06, 3859651.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.94E-10
2122	495111.06, 3859651.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
2123	495161.06, 3859651.99	2.15E-06	6.79E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
2124	495211.06, 3859651.99	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
2125	495261.06, 3859651.99	2.11E-06	6.67E-10	1.94E-10	2.09E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2126	495311.06, 3859651.99	2.10E-06	6.61E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2127	495361.06, 3859651.99	2.08E-06	6.56E-10	1.91E-10	2.05E-06	6.48E-10	1.88E-10	1.99E-06	6.29E-10	1.83E-10
2128	495411.06, 3859651.99	2.06E-06	6.50E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.23E-10	1.81E-10
2129	495461.06, 3859651.99	2.02E-06	6.38E-10	1.86E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2130	495511.06, 3859651.99	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
2131	495561.06, 3859651.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2132	495611.06, 3859651.99	1.95E-06	6.16E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
2133	495661.06, 3859651.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2134	494311.06, 3859701.99	2.55E-06	8.04E-10	2.34E-10	2.52E-06	7.94E-10	2.31E-10	2.44E-06	7.71E-10	2.24E-10
2135	494361.06, 3859701.99	2.51E-06	7.94E-10	2.31E-10	2.48E-06	7.83E-10	2.28E-10	2.41E-06	7.61E-10	2.21E-10

2136	494411.06, 3859701.99	2.50E-06	7.89E-10	2.29E-10	2.47E-06	7.78E-10	2.26E-10	2.39E-06	7.56E-10	2.20E-10
2137	494461.06, 3859701.99	2.51E-06	7.92E-10	2.30E-10	2.48E-06	7.81E-10	2.27E-10	2.40E-06	7.59E-10	2.21E-10
2138	494511.06, 3859701.99	2.48E-06	7.83E-10	2.28E-10	2.45E-06	7.73E-10	2.25E-10	2.38E-06	7.51E-10	2.18E-10
2139	494561.06, 3859701.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
2140	494611.06, 3859701.99	2.44E-06	7.71E-10	2.24E-10	2.41E-06	7.60E-10	2.21E-10	2.34E-06	7.38E-10	2.15E-10
2141	494661.06, 3859701.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
2142	494711.06, 3859701.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.26E-06	7.15E-10	2.08E-10
2143	494761.06, 3859701.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.26E-10	2.11E-10	2.23E-06	7.05E-10	2.05E-10
2144	494811.06, 3859701.99	2.29E-06	7.24E-10	2.11E-10	2.26E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
2145	494861.06, 3859701.99	2.29E-06	7.23E-10	2.10E-10	2.26E-06	7.13E-10	2.08E-10	2.20E-06	6.93E-10	2.02E-10
2146	494911.06, 3859701.99	2.26E-06	7.14E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.84E-10	1.99E-10
2147	494961.06, 3859701.99	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
2148	495011.06, 3859701.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2149	495061.06, 3859701.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2150	495111.06, 3859701.99	2.17E-06	6.86E-10	2.00E-10	2.15E-06	6.77E-10	1.97E-10	2.08E-06	6.58E-10	1.91E-10
2151	495161.06, 3859701.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
2152	495211.06, 3859701.99	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
2153	495261.06, 3859701.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2154	495311.06, 3859701.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
2155	495361.06, 3859701.99	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
2156	495411.06, 3859701.99	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.95E-06	6.17E-10	1.79E-10
2157	495461.06, 3859701.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
2158	495511.06, 3859701.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2159	495561.06, 3859701.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2160	495611.06, 3859701.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
2161	495661.06, 3859701.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2162	494311.06, 3859751.99	2.52E-06	7.97E-10	2.32E-10	2.49E-06	7.87E-10	2.29E-10	2.42E-06	7.64E-10	2.22E-10
2163	494361.06, 3859751.99	2.50E-06	7.89E-10	2.29E-10	2.47E-06	7.78E-10	2.26E-10	2.40E-06	7.56E-10	2.20E-10
2164	494411.06, 3859751.99	2.47E-06	7.79E-10	2.26E-10	2.43E-06	7.68E-10	2.24E-10	2.36E-06	7.46E-10	2.17E-10
2165	494461.06, 3859751.99	2.47E-06	7.79E-10	2.27E-10	2.44E-06	7.69E-10	2.24E-10	2.37E-06	7.47E-10	2.17E-10
2166	494511.06, 3859751.99	2.46E-06	7.76E-10	2.26E-10	2.43E-06	7.66E-10	2.23E-10	2.36E-06	7.44E-10	2.16E-10
2167	494561.06, 3859751.99	2.43E-06	7.68E-10	2.24E-10	2.40E-06	7.58E-10	2.21E-10	2.33E-06	7.36E-10	2.14E-10
2168	494611.06, 3859751.99	2.40E-06	7.58E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
2169	494661.06, 3859751.99	2.35E-06	7.43E-10	2.16E-10	2.32E-06	7.33E-10	2.13E-10	2.26E-06	7.12E-10	2.07E-10
2170	494711.06, 3859751.99	2.35E-06	7.40E-10	2.15E-10	2.31E-06	7.31E-10	2.13E-10	2.25E-06	7.09E-10	2.06E-10
2171	494761.06, 3859751.99	2.33E-06	7.35E-10	2.14E-10	2.30E-06	7.25E-10	2.11E-10	2.23E-06	7.04E-10	2.05E-10
2172	494811.06, 3859751.99	2.30E-06	7.26E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.96E-10	2.02E-10
2173	494861.06, 3859751.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.01E-10
2174	494911.06, 3859751.99	2.26E-06	7.13E-10	2.07E-10	2.23E-06	7.03E-10	2.05E-10	2.16E-06	6.83E-10	1.99E-10
2175	494961.06, 3859751.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
2176	495011.06, 3859751.99	2.21E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2177	495061.06, 3859751.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2178	495111.06, 3859751.99	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.78E-10	1.97E-10	2.09E-06	6.58E-10	1.91E-10
2179	495161.06, 3859751.99	2.15E-06	6.79E-10	1.98E-10	2.12E-06	6.70E-10	1.95E-10	2.06E-06	6.51E-10	1.89E-10
2180	495211.06, 3859751.99	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2181	495261.06, 3859751.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.57E-10	1.91E-10	2.02E-06	6.38E-10	1.86E-10
2182	495311.06, 3859751.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2183	495361.06, 3859751.99	2.07E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
2184	495411.06, 3859751.99	2.05E-06	6.46E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
2185	495461.06, 3859751.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
2186	495511.06, 3859751.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.90E-06	6.01E-10	1.75E-10
2187	495561.06, 3859751.99	1.97E-06	6.21E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.95E-10	1.73E-10
2188	495611.06, 3859751.99	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
2189	495661.06, 3859751.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2190	494311.06, 3859801.99	2.50E-06	7.88E-10	2.29E-10	2.46E-06	7.78E-10	2.26E-10	2.39E-06	7.55E-10	2.20E-10
2191	494361.06, 3859801.99	2.46E-06	7.77E-10	2.26E-10	2.43E-06	7.67E-10	2.23E-10	2.36E-06	7.45E-10	2.17E-10
2192	494411.06, 3859801.99	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
2193	494461.06, 3859801.99	2.42E-06	7.65E-10	2.23E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
2194	494511.06, 3859801.99	2.43E-06	7.65E-10	2.23E-10	2.39E-06	7.55E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
2195	494561.06, 3859801.99	2.40E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.11E-10
2196	494611.06, 3859801.99	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2197	494661.06, 3859801.99	2.34E-06	7.37E-10	2.14E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2198	494711.06, 3859801.99	2.31E-06	7.28E-10	2.12E-10	2.28E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
2199	494761.06, 3859801.99	2.31E-06	7.28E-10	2.12E-10	2.27E-06	7.18E-10	2.09E-10	2.21E-06	6.97E-10	2.03E-10
2200	494811.06, 3859801.99	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
2201	494861.06, 3859801.99	2.26E-06	7.15E-10	2.08E-10	2.23E-06	7.05E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2202	494911.06, 3859801.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
2203	494961.06, 3859801.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2204	495011.06, 3859801.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10

2205	495061.06, 3859801.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2206	495111.06, 3859801.99	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
2207	495161.06, 3859801.99	2.13E-06	6.73E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
2208	495211.06, 3859801.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2209	495261.06, 3859801.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.52E-10	1.90E-10	2.00E-06	6.33E-10	1.84E-10
2210	495311.06, 3859801.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2211	495361.06, 3859801.99	2.05E-06	6.48E-10	1.89E-10	2.03E-06	6.40E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
2212	495411.06, 3859801.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
2213	495461.06, 3859801.99	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.26E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
2214	495511.06, 3859801.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.17E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
2215	495561.06, 3859801.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2216	495611.06, 3859801.99	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2217	495661.06, 3859801.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2218	494311.06, 3859851.99	2.45E-06	7.74E-10	2.25E-10	2.42E-06	7.64E-10	2.22E-10	2.35E-06	7.42E-10	2.16E-10
2219	494361.06, 3859851.99	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
2220	494411.06, 3859851.99	2.40E-06	7.57E-10	2.20E-10	2.37E-06	7.47E-10	2.17E-10	2.30E-06	7.25E-10	2.11E-10
2221	494461.06, 3859851.99	2.38E-06	7.50E-10	2.18E-10	2.34E-06	7.40E-10	2.15E-10	2.28E-06	7.19E-10	2.09E-10
2222	494511.06, 3859851.99	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.16E-10	2.08E-10
2223	494561.06, 3859851.99	2.36E-06	7.46E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.26E-06	7.15E-10	2.08E-10
2224	494611.06, 3859851.99	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.23E-10	2.10E-10	2.23E-06	7.02E-10	2.04E-10
2225	494661.06, 3859851.99	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.20E-10	2.09E-10	2.21E-06	6.99E-10	2.03E-10
2226	494711.06, 3859851.99	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.07E-10	2.18E-06	6.89E-10	2.01E-10
2227	494761.06, 3859851.99	2.28E-06	7.18E-10	2.09E-10	2.25E-06	7.09E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
2228	494811.06, 3859851.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2229	494861.06, 3859851.99	2.24E-06	7.07E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2230	494911.06, 3859851.99	2.22E-06	6.99E-10	2.03E-10	2.19E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2231	494961.06, 3859851.99	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2232	495011.06, 3859851.99	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2233	495061.06, 3859851.99	2.16E-06	6.82E-10	1.99E-10	2.13E-06	6.74E-10	1.96E-10	2.07E-06	6.54E-10	1.90E-10
2234	495111.06, 3859851.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
2235	495161.06, 3859851.99	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2236	495211.06, 3859851.99	2.10E-06	6.62E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
2237	495261.06, 3859851.99	2.08E-06	6.56E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.29E-10	1.83E-10
2238	495311.06, 3859851.99	2.06E-06	6.51E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.98E-06	6.24E-10	1.81E-10
2239	495361.06, 3859851.99	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
2240	495411.06, 3859851.99	2.02E-06	6.38E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2241	495461.06, 3859851.99	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.92E-06	6.04E-10	1.76E-10
2242	495511.06, 3859851.99	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2243	495561.06, 3859851.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
2244	495611.06, 3859851.99	1.94E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
2245	495661.06, 3859851.99	1.92E-06	6.06E-10	1.76E-10	1.90E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
2246	494311.06, 3859901.99	2.41E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.31E-06	7.28E-10	2.12E-10
2247	494361.06, 3859901.99	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
2248	494411.06, 3859901.99	2.36E-06	7.44E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.13E-10	2.08E-10
2249	494461.06, 3859901.99	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2250	494511.06, 3859901.99	2.32E-06	7.34E-10	2.13E-10	2.29E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.05E-10
2251	494561.06, 3859901.99	2.32E-06	7.34E-10	2.13E-10	2.29E-06	7.24E-10	2.11E-10	2.23E-06	7.03E-10	2.05E-10
2252	494611.06, 3859901.99	2.29E-06	7.21E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
2253	494661.06, 3859901.99	2.28E-06	7.20E-10	2.09E-10	2.25E-06	7.11E-10	2.07E-10	2.19E-06	6.90E-10	2.01E-10
2254	494711.06, 3859901.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2255	494761.06, 3859901.99	2.23E-06	7.05E-10	2.05E-10	2.21E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
2256	494811.06, 3859901.99	2.23E-06	7.03E-10	2.04E-10	2.20E-06	6.93E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10
2257	494861.06, 3859901.99	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.95E-10
2258	494911.06, 3859901.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
2259	494961.06, 3859901.99	2.17E-06	6.86E-10	2.00E-10	2.15E-06	6.77E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
2260	495011.06, 3859901.99	2.15E-06	6.80E-10	1.98E-10	2.12E-06	6.71E-10	1.95E-10	2.06E-06	6.51E-10	1.89E-10
2261	495061.06, 3859901.99	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.46E-10	1.88E-10
2262	495111.06, 3859901.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2263	495161.06, 3859901.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
2264	495211.06, 3859901.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2265	495261.06, 3859901.99	2.05E-06	6.48E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10
2266	495311.06, 3859901.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.95E-06	6.17E-10	1.79E-10
2267	495361.06, 3859901.99	2.02E-06	6.37E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2268	495411.06, 3859901.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
2269	495461.06, 3859901.99	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
2270	495511.06, 3859901.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2271	495561.06, 3859901.99	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.71E-10
2272	495611.06, 3859901.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.83E-10	1.70E-10
2273	495661.06, 3859901.99	1.91E-06	6.01E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.76E-10	1.68E-10

2274	494311.06, 3859951.99	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.36E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2275	494361.06, 3859951.99	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2276	494411.06, 3859951.99	2.32E-06	7.31E-10	2.13E-10	2.29E-06	7.21E-10	2.10E-10	2.22E-06	7.01E-10	2.04E-10
2277	494461.06, 3859951.99	2.30E-06	7.25E-10	2.11E-10	2.27E-06	7.16E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
2278	494511.06, 3859951.99	2.28E-06	7.21E-10	2.10E-10	2.25E-06	7.12E-10	2.07E-10	2.19E-06	6.91E-10	2.01E-10
2279	494561.06, 3859951.99	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.12E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
2280	494611.06, 3859951.99	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2281	494661.06, 3859951.99	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
2282	494711.06, 3859951.99	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
2283	494761.06, 3859951.99	2.20E-06	6.96E-10	2.02E-10	2.18E-06	6.87E-10	2.00E-10	2.11E-06	6.67E-10	1.94E-10
2284	494811.06, 3859951.99	2.19E-06	6.91E-10	2.01E-10	2.16E-06	6.82E-10	1.98E-10	2.10E-06	6.62E-10	1.93E-10
2285	494861.06, 3859951.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2286	494911.06, 3859951.99	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.53E-10	1.90E-10
2287	494961.06, 3859951.99	2.14E-06	6.74E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.46E-10	1.88E-10
2288	495011.06, 3859951.99	2.12E-06	6.69E-10	1.94E-10	2.09E-06	6.60E-10	1.92E-10	2.03E-06	6.41E-10	1.86E-10
2289	495061.06, 3859951.99	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10
2290	495111.06, 3859951.99	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.49E-10	1.89E-10	2.00E-06	6.30E-10	1.83E-10
2291	495161.06, 3859951.99	2.06E-06	6.51E-10	1.89E-10	2.03E-06	6.42E-10	1.87E-10	1.98E-06	6.24E-10	1.81E-10
2292	495211.06, 3859951.99	2.04E-06	6.44E-10	1.87E-10	2.01E-06	6.36E-10	1.85E-10	1.96E-06	6.17E-10	1.80E-10
2293	495261.06, 3859951.99	2.02E-06	6.39E-10	1.86E-10	2.00E-06	6.31E-10	1.83E-10	1.94E-06	6.12E-10	1.78E-10
2294	495311.06, 3859951.99	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.09E-10	1.77E-10
2295	495361.06, 3859951.99	2.00E-06	6.30E-10	1.83E-10	1.97E-06	6.22E-10	1.81E-10	1.91E-06	6.04E-10	1.76E-10
2296	495411.06, 3859951.99	1.98E-06	6.24E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.98E-10	1.74E-10
2297	495461.06, 3859951.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.78E-10	1.88E-06	5.93E-10	1.72E-10
2298	495511.06, 3859951.99	1.94E-06	6.12E-10	1.78E-10	1.92E-06	6.04E-10	1.76E-10	1.86E-06	5.87E-10	1.71E-10
2299	495561.06, 3859951.99	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2300	495611.06, 3859951.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2301	495661.06, 3859951.99	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.88E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10
2302	494311.06, 3860001.99	2.31E-06	7.30E-10	2.12E-10	2.28E-06	7.21E-10	2.10E-10	2.22E-06	7.00E-10	2.04E-10
2303	494361.06, 3860001.99	2.30E-06	7.25E-10	2.11E-10	2.27E-06	7.15E-10	2.08E-10	2.20E-06	6.94E-10	2.02E-10
2304	494411.06, 3860001.99	2.27E-06	7.17E-10	2.08E-10	2.24E-06	7.07E-10	2.06E-10	2.18E-06	6.87E-10	2.00E-10
2305	494461.06, 3860001.99	2.26E-06	7.12E-10	2.07E-10	2.23E-06	7.03E-10	2.05E-10	2.16E-06	6.83E-10	1.99E-10
2306	494511.06, 3860001.99	2.24E-06	7.06E-10	2.05E-10	2.21E-06	6.97E-10	2.03E-10	2.14E-06	6.77E-10	1.97E-10
2307	494561.06, 3860001.99	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.99E-10	2.03E-10	2.15E-06	6.79E-10	1.97E-10
2308	494611.06, 3860001.99	2.22E-06	7.01E-10	2.04E-10	2.19E-06	6.92E-10	2.01E-10	2.13E-06	6.72E-10	1.96E-10
2309	494661.06, 3860001.99	2.21E-06	6.97E-10	2.03E-10	2.18E-06	6.88E-10	2.00E-10	2.12E-06	6.68E-10	1.94E-10
2310	494711.06, 3860001.99	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
2311	494761.06, 3860001.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.56E-10	1.91E-10
2312	494811.06, 3860001.99	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
2313	494861.06, 3860001.99	2.15E-06	6.77E-10	1.97E-10	2.12E-06	6.68E-10	1.94E-10	2.06E-06	6.49E-10	1.89E-10
2314	494911.06, 3860001.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2315	494961.06, 3860001.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.35E-10	1.85E-10
2316	495011.06, 3860001.99	2.08E-06	6.57E-10	1.91E-10	2.05E-06	6.48E-10	1.89E-10	1.99E-06	6.30E-10	1.83E-10
2317	495061.06, 3860001.99	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
2318	495111.06, 3860001.99	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.39E-10	1.86E-10	1.97E-06	6.20E-10	1.80E-10
2319	495161.06, 3860001.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.33E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
2320	495211.06, 3860001.99	2.02E-06	6.38E-10	1.85E-10	1.99E-06	6.29E-10	1.83E-10	1.94E-06	6.11E-10	1.78E-10
2321	495261.06, 3860001.99	2.00E-06	6.32E-10	1.84E-10	1.98E-06	6.24E-10	1.81E-10	1.92E-06	6.06E-10	1.76E-10
2322	495311.06, 3860001.99	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.91E-06	6.01E-10	1.75E-10
2323	495361.06, 3860001.99	1.96E-06	6.20E-10	1.80E-10	1.94E-06	6.12E-10	1.78E-10	1.88E-06	5.94E-10	1.73E-10
2324	495411.06, 3860001.99	1.96E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2325	495461.06, 3860001.99	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
2326	495511.06, 3860001.99	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2327	495561.06, 3860001.99	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2328	495611.06, 3860001.99	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
2329	495661.06, 3860001.99	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.79E-06	5.67E-10	1.65E-10
2330	494411.06, 3860051.99	2.23E-06	7.04E-10	2.05E-10	2.20E-06	6.94E-10	2.02E-10	2.14E-06	6.74E-10	1.96E-10
2331	494461.06, 3860051.99	2.21E-06	6.98E-10	2.03E-10	2.18E-06	6.89E-10	2.00E-10	2.12E-06	6.69E-10	1.95E-10
2332	494511.06, 3860051.99	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.10E-06	6.64E-10	1.93E-10
2333	494561.06, 3860051.99	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
2334	494611.06, 3860051.99	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2335	494661.06, 3860051.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
2336	494711.06, 3860051.99	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.89E-10
2337	494761.06, 3860051.99	2.13E-06	6.72E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
2338	494811.06, 3860051.99	2.12E-06	6.70E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.42E-10	1.87E-10
2339	494861.06, 3860051.99	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2340	494911.06, 3860051.99	2.09E-06	6.60E-10	1.92E-10	2.06E-06	6.52E-10	1.90E-10	2.00E-06	6.33E-10	1.84E-10
2341	494961.06, 3860051.99	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
2342	495011.06, 3860051.99	2.05E-06	6.48E-10	1.88E-10	2.03E-06	6.39E-10	1.86E-10	1.97E-06	6.21E-10	1.81E-10

2343	495061.06, 3860051.99	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.34E-10	1.84E-10	1.95E-06	6.16E-10	1.79E-10
2344	495111.06, 3860051.99	2.02E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.10E-10	1.77E-10
2345	495161.06, 3860051.99	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
2346	495211.06, 3860051.99	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.74E-10
2347	495261.06, 3860051.99	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.89E-06	5.96E-10	1.73E-10
2348	495311.06, 3860051.99	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.10E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
2349	495361.06, 3860051.99	1.94E-06	6.14E-10	1.78E-10	1.92E-06	6.06E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
2350	495411.06, 3860051.99	1.93E-06	6.09E-10	1.77E-10	1.90E-06	6.01E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2351	495461.06, 3860051.99	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
2352	495511.06, 3860051.99	1.90E-06	6.00E-10	1.74E-10	1.88E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
2353	495561.06, 3860051.99	1.89E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
2354	495611.06, 3860051.99	1.87E-06	5.90E-10	1.72E-10	1.85E-06	5.83E-10	1.69E-10	1.79E-06	5.66E-10	1.65E-10
2355	495661.06, 3860051.99	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.60E-10	1.63E-10
2356	494411.06, 3860101.99	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.78E-10	1.97E-10	2.08E-06	6.58E-10	1.91E-10
2357	494461.06, 3860101.99	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.76E-10	1.96E-10	2.08E-06	6.56E-10	1.91E-10
2358	494511.06, 3860101.99	2.15E-06	6.78E-10	1.97E-10	2.12E-06	6.69E-10	1.95E-10	2.06E-06	6.50E-10	1.89E-10
2359	494561.06, 3860101.99	2.14E-06	6.75E-10	1.96E-10	2.11E-06	6.66E-10	1.94E-10	2.05E-06	6.47E-10	1.88E-10
2360	494611.06, 3860101.99	2.13E-06	6.73E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
2361	494661.06, 3860101.99	2.12E-06	6.69E-10	1.95E-10	2.09E-06	6.61E-10	1.92E-10	2.03E-06	6.41E-10	1.87E-10
2362	494711.06, 3860101.99	2.10E-06	6.63E-10	1.93E-10	2.07E-06	6.54E-10	1.90E-10	2.01E-06	6.36E-10	1.85E-10
2363	494761.06, 3860101.99	2.09E-06	6.59E-10	1.92E-10	2.06E-06	6.51E-10	1.89E-10	2.00E-06	6.32E-10	1.84E-10
2364	494811.06, 3860101.99	2.08E-06	6.55E-10	1.91E-10	2.05E-06	6.47E-10	1.88E-10	1.99E-06	6.28E-10	1.83E-10
2365	494861.06, 3860101.99	2.07E-06	6.54E-10	1.90E-10	2.05E-06	6.46E-10	1.88E-10	1.99E-06	6.27E-10	1.82E-10
2366	494911.06, 3860101.99	2.05E-06	6.45E-10	1.88E-10	2.02E-06	6.37E-10	1.85E-10	1.96E-06	6.19E-10	1.80E-10
2367	494961.06, 3860101.99	2.03E-06	6.41E-10	1.87E-10	2.01E-06	6.33E-10	1.84E-10	1.95E-06	6.15E-10	1.79E-10
2368	495011.06, 3860101.99	2.01E-06	6.36E-10	1.85E-10	1.99E-06	6.28E-10	1.83E-10	1.93E-06	6.09E-10	1.77E-10
2369	495061.06, 3860101.99	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
2370	495111.06, 3860101.99	1.98E-06	6.25E-10	1.82E-10	1.95E-06	6.16E-10	1.79E-10	1.90E-06	5.99E-10	1.74E-10
2371	495161.06, 3860101.99	1.97E-06	6.21E-10	1.81E-10	1.94E-06	6.13E-10	1.78E-10	1.89E-06	5.95E-10	1.73E-10
2372	495211.06, 3860101.99	1.95E-06	6.16E-10	1.79E-10	1.93E-06	6.08E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
2373	495261.06, 3860101.99	1.94E-06	6.12E-10	1.78E-10	1.91E-06	6.04E-10	1.76E-10	1.86E-06	5.86E-10	1.71E-10
2374	495311.06, 3860101.99	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2375	495361.06, 3860101.99	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
2376	495411.06, 3860101.99	1.90E-06	6.00E-10	1.74E-10	1.87E-06	5.92E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
2377	495461.06, 3860101.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
2378	495511.06, 3860101.99	1.87E-06	5.90E-10	1.72E-10	1.85E-06	5.83E-10	1.69E-10	1.79E-06	5.66E-10	1.65E-10
2379	495561.06, 3860101.99	1.86E-06	5.87E-10	1.71E-10	1.84E-06	5.79E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
2380	495611.06, 3860101.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
2381	495661.06, 3860101.99	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
2382	494861.06, 3860151.99	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
2383	494911.06, 3860151.99	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
2384	494961.06, 3860151.99	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.20E-10	1.80E-10	1.91E-06	6.03E-10	1.75E-10
2385	495011.06, 3860151.99	1.98E-06	6.24E-10	1.81E-10	1.95E-06	6.16E-10	1.79E-10	1.89E-06	5.98E-10	1.74E-10
2386	495061.06, 3860151.99	1.96E-06	6.19E-10	1.80E-10	1.94E-06	6.11E-10	1.78E-10	1.88E-06	5.93E-10	1.73E-10
2387	495111.06, 3860151.99	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
2388	495161.06, 3860151.99	1.93E-06	6.10E-10	1.78E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.85E-10	1.70E-10
2389	495211.06, 3860151.99	1.92E-06	6.06E-10	1.76E-10	1.89E-06	5.98E-10	1.74E-10	1.84E-06	5.81E-10	1.69E-10
2390	495261.06, 3860151.99	1.91E-06	6.02E-10	1.75E-10	1.88E-06	5.94E-10	1.73E-10	1.83E-06	5.77E-10	1.68E-10
2391	495311.06, 3860151.99	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
2392	495361.06, 3860151.99	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.71E-10	1.80E-06	5.69E-10	1.66E-10
2393	495411.06, 3860151.99	1.87E-06	5.90E-10	1.72E-10	1.84E-06	5.82E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
2394	495461.06, 3860151.99	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.62E-10	1.63E-10
2395	495511.06, 3860151.99	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.57E-10	1.62E-10
2396	495561.06, 3860151.99	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
2397	495611.06, 3860151.99	1.82E-06	5.73E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.49E-10	1.60E-10
2398	495661.06, 3860151.99	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
2399	495718.25, 3859442.96	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
2400	495818.25, 3859442.96	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
2401	495918.25, 3859442.96	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
2402	496018.25, 3859442.96	1.73E-06	5.45E-10	1.59E-10	1.70E-06	5.38E-10	1.56E-10	1.66E-06	5.22E-10	1.52E-10
2403	496118.25, 3859442.96	1.74E-06	5.48E-10	1.60E-10	1.71E-06	5.41E-10	1.57E-10	1.67E-06	5.26E-10	1.53E-10
2404	496218.25, 3859442.96	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
2405	496318.25, 3859442.96	1.71E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.18E-10	1.51E-10
2406	496418.25, 3859442.96	1.68E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.61E-06	5.09E-10	1.48E-10
2407	495718.25, 3859542.96	1.88E-06	5.94E-10	1.73E-10	1.86E-06	5.86E-10	1.70E-10	1.80E-06	5.69E-10	1.65E-10
2408	495818.25, 3859542.96	1.84E-06	5.82E-10	1.69E-10	1.82E-06	5.74E-10	1.67E-10	1.77E-06	5.57E-10	1.62E-10
2409	495918.25, 3859542.96	1.80E-06	5.67E-10	1.65E-10	1.77E-06	5.60E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
2410	496018.25, 3859542.96	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
2411	496118.25, 3859542.96	1.77E-06	5.58E-10	1.62E-10	1.74E-06	5.50E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10

2412	496218.25, 3859542.96	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
2413	496318.25, 3859542.96	1.75E-06	5.52E-10	1.60E-10	1.73E-06	5.45E-10	1.58E-10	1.68E-06	5.29E-10	1.54E-10
2414	496418.25, 3859542.96	1.71E-06	5.40E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
2415	495718.25, 3859642.96	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
2416	495818.25, 3859642.96	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.76E-10	1.67E-10	1.77E-06	5.59E-10	1.63E-10
2417	495918.25, 3859642.96	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
2418	496018.25, 3859642.96	1.78E-06	5.63E-10	1.64E-10	1.76E-06	5.55E-10	1.62E-10	1.71E-06	5.39E-10	1.57E-10
2419	496118.25, 3859642.96	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.59E-10	1.63E-10	1.72E-06	5.43E-10	1.58E-10
2420	496218.25, 3859642.96	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
2421	496318.25, 3859642.96	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
2422	496418.25, 3859642.96	1.66E-06	5.25E-10	1.53E-10	1.64E-06	5.18E-10	1.51E-10	1.59E-06	5.03E-10	1.46E-10
2423	495718.25, 3859742.96	1.91E-06	6.03E-10	1.75E-10	1.89E-06	5.95E-10	1.73E-10	1.83E-06	5.78E-10	1.68E-10
2424	495818.25, 3859742.96	1.86E-06	5.88E-10	1.71E-10	1.84E-06	5.80E-10	1.69E-10	1.78E-06	5.63E-10	1.64E-10
2425	495918.25, 3859742.96	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
2426	496018.25, 3859742.96	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.57E-10	1.62E-10	1.71E-06	5.41E-10	1.57E-10
2427	496118.25, 3859742.96	1.79E-06	5.66E-10	1.65E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
2428	496218.25, 3859742.96	1.80E-06	5.69E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.59E-10
2429	496318.25, 3859742.96	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10
2430	496418.25, 3859742.96	1.65E-06	5.22E-10	1.52E-10	1.63E-06	5.15E-10	1.50E-10	1.58E-06	5.00E-10	1.45E-10
2431	495718.25, 3859842.96	1.90E-06	6.00E-10	1.75E-10	1.88E-06	5.93E-10	1.72E-10	1.82E-06	5.75E-10	1.67E-10
2432	495818.25, 3859842.96	1.87E-06	5.89E-10	1.71E-10	1.84E-06	5.81E-10	1.69E-10	1.79E-06	5.65E-10	1.64E-10
2433	495918.25, 3859842.96	1.83E-06	5.78E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.54E-10	1.61E-10
2434	496018.25, 3859842.96	1.81E-06	5.70E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
2435	496118.25, 3859842.96	1.82E-06	5.74E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
2436	496218.25, 3859842.96	1.75E-06	5.52E-10	1.61E-10	1.73E-06	5.45E-10	1.59E-10	1.68E-06	5.29E-10	1.54E-10
2437	496318.25, 3859842.96	1.62E-06	5.11E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.55E-06	4.90E-10	1.43E-10
2438	496418.25, 3859842.96	1.53E-06	4.84E-10	1.41E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10
2439	495718.25, 3859942.96	1.88E-06	5.92E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.68E-10	1.65E-10
2440	495818.25, 3859942.96	1.84E-06	5.81E-10	1.69E-10	1.82E-06	5.73E-10	1.67E-10	1.76E-06	5.57E-10	1.62E-10
2441	495918.25, 3859942.96	1.81E-06	5.73E-10	1.67E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.49E-10	1.60E-10
2442	496018.25, 3859942.96	1.81E-06	5.71E-10	1.66E-10	1.78E-06	5.63E-10	1.64E-10	1.73E-06	5.47E-10	1.59E-10
2443	496118.25, 3859942.96	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
2444	496218.25, 3859942.96	1.68E-06	5.30E-10	1.54E-10	1.66E-06	5.23E-10	1.52E-10	1.61E-06	5.08E-10	1.48E-10
2445	496318.25, 3859942.96	1.59E-06	5.03E-10	1.46E-10	1.57E-06	4.97E-10	1.44E-10	1.53E-06	4.82E-10	1.40E-10
2446	496418.25, 3859942.96	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.61E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
2447	496856.82, 3858864.83	1.35E-06	4.26E-10	1.24E-10	1.33E-06	4.20E-10	1.22E-10	1.29E-06	4.08E-10	1.19E-10
2448	496956.82, 3858864.83	1.32E-06	4.17E-10	1.21E-10	1.30E-06	4.11E-10	1.20E-10	1.27E-06	3.99E-10	1.16E-10
2449	497056.82, 3858864.83	1.29E-06	4.08E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.91E-10	1.14E-10
2450	497156.82, 3858864.83	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.92E-10	1.14E-10	1.21E-06	3.81E-10	1.11E-10
2451	497256.82, 3858864.83	1.25E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.77E-10	1.10E-10
2452	496856.82, 3858964.83	1.38E-06	4.36E-10	1.27E-10	1.36E-06	4.30E-10	1.25E-10	1.32E-06	4.18E-10	1.22E-10
2453	496956.82, 3858964.83	1.34E-06	4.23E-10	1.23E-10	1.32E-06	4.18E-10	1.21E-10	1.28E-06	4.06E-10	1.18E-10
2454	497056.82, 3858964.83	1.31E-06	4.13E-10	1.20E-10	1.29E-06	4.08E-10	1.19E-10	1.26E-06	3.96E-10	1.15E-10
2455	497156.82, 3858964.83	1.28E-06	4.04E-10	1.17E-10	1.26E-06	3.98E-10	1.16E-10	1.23E-06	3.87E-10	1.13E-10
2456	497256.82, 3858964.83	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.00E-10	1.16E-10	1.23E-06	3.89E-10	1.13E-10
2457	496856.82, 3859064.83	1.39E-06	4.39E-10	1.28E-10	1.37E-06	4.34E-10	1.26E-10	1.33E-06	4.21E-10	1.23E-10
2458	496956.82, 3859064.83	1.36E-06	4.29E-10	1.25E-10	1.34E-06	4.23E-10	1.23E-10	1.30E-06	4.11E-10	1.19E-10
2459	497056.82, 3859064.83	1.33E-06	4.20E-10	1.22E-10	1.31E-06	4.14E-10	1.20E-10	1.27E-06	4.02E-10	1.17E-10
2460	497156.82, 3859064.83	1.30E-06	4.12E-10	1.20E-10	1.29E-06	4.06E-10	1.18E-10	1.25E-06	3.95E-10	1.15E-10
2461	497256.82, 3859064.83	1.32E-06	4.18E-10	1.22E-10	1.31E-06	4.13E-10	1.20E-10	1.27E-06	4.01E-10	1.17E-10
2462	496856.82, 3859164.83	1.39E-06	4.38E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.20E-10	1.22E-10
2463	496956.82, 3859164.83	1.35E-06	4.27E-10	1.24E-10	1.33E-06	4.21E-10	1.22E-10	1.30E-06	4.09E-10	1.19E-10
2464	497056.82, 3859164.83	1.33E-06	4.21E-10	1.22E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
2465	497156.82, 3859164.83	1.34E-06	4.22E-10	1.23E-10	1.32E-06	4.17E-10	1.21E-10	1.28E-06	4.04E-10	1.18E-10
2466	497256.82, 3859164.83	1.37E-06	4.31E-10	1.25E-10	1.35E-06	4.26E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
2467	496856.82, 3859264.83	1.38E-06	4.34E-10	1.26E-10	1.36E-06	4.29E-10	1.25E-10	1.32E-06	4.16E-10	1.21E-10
2468	496956.82, 3859264.83	1.36E-06	4.31E-10	1.25E-10	1.35E-06	4.25E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
2469	497056.82, 3859264.83	1.37E-06	4.33E-10	1.26E-10	1.35E-06	4.27E-10	1.24E-10	1.31E-06	4.15E-10	1.21E-10
2470	497156.82, 3859264.83	1.37E-06	4.33E-10	1.26E-10	1.35E-06	4.28E-10	1.24E-10	1.32E-06	4.15E-10	1.21E-10
2471	497256.82, 3859264.83	1.40E-06	4.40E-10	1.28E-10	1.38E-06	4.35E-10	1.26E-10	1.34E-06	4.22E-10	1.23E-10
2472	497088.92, 3858620.93	1.21E-06	3.83E-10	1.11E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
2473	497138.92, 3858620.93	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
2474	497188.92, 3858620.93	1.19E-06	3.76E-10	1.09E-10	1.18E-06	3.71E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
2475	497238.92, 3858620.93	1.18E-06	3.73E-10	1.08E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
2476	497088.92, 3858670.93	1.21E-06	3.82E-10	1.11E-10	1.20E-06	3.77E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
2477	497138.92, 3858670.93	1.21E-06	3.83E-10	1.11E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
2478	497188.92, 3858670.93	1.20E-06	3.78E-10	1.10E-10	1.18E-06	3.73E-10	1.09E-10	1.15E-06	3.62E-10	1.05E-10
2479	497238.92, 3858670.93	1.19E-06	3.76E-10	1.09E-10	1.18E-06	3.71E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
2480	497088.92, 3858720.93	1.24E-06	3.91E-10	1.14E-10	1.22E-06	3.86E-10	1.12E-10	1.19E-06	3.75E-10	1.09E-10

2481	497138.92, 3858720.93	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
2482	497188.92, 3858720.93	1.19E-06	3.77E-10	1.10E-10	1.18E-06	3.72E-10	1.08E-10	1.14E-06	3.61E-10	1.05E-10
2483	497238.92, 3858720.93	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
2484	497088.92, 3858770.93	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.87E-10	1.13E-10	1.19E-06	3.76E-10	1.09E-10
2485	497138.92, 3858770.93	1.23E-06	3.87E-10	1.13E-10	1.21E-06	3.82E-10	1.11E-10	1.18E-06	3.71E-10	1.08E-10
2486	497188.92, 3858770.93	1.22E-06	3.83E-10	1.12E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.68E-10	1.07E-10
2487	497238.92, 3858770.93	1.22E-06	3.84E-10	1.12E-10	1.20E-06	3.79E-10	1.10E-10	1.17E-06	3.68E-10	1.07E-10
2488	497396.65, 3858622.63	1.22E-06	3.84E-10	1.12E-10	1.20E-06	3.79E-10	1.10E-10	1.17E-06	3.68E-10	1.07E-10
2489	497496.65, 3858622.63	1.24E-06	3.90E-10	1.13E-10	1.22E-06	3.85E-10	1.12E-10	1.18E-06	3.74E-10	1.09E-10
2490	497596.65, 3858622.63	1.28E-06	4.04E-10	1.17E-10	1.26E-06	3.99E-10	1.16E-10	1.23E-06	3.87E-10	1.13E-10
2491	497696.65, 3858622.63	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.01E-10	1.17E-10	1.23E-06	3.89E-10	1.13E-10
2492	497796.65, 3858622.63	1.31E-06	4.14E-10	1.20E-10	1.29E-06	4.08E-10	1.19E-10	1.26E-06	3.97E-10	1.15E-10
2493	497896.65, 3858622.63	1.34E-06	4.22E-10	1.23E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.18E-10
2494	497396.65, 3858722.63	1.25E-06	3.95E-10	1.15E-10	1.23E-06	3.90E-10	1.13E-10	1.20E-06	3.78E-10	1.10E-10
2495	497496.65, 3858722.63	1.27E-06	4.01E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
2496	497596.65, 3858722.63	1.31E-06	4.15E-10	1.21E-10	1.30E-06	4.10E-10	1.19E-10	1.26E-06	3.98E-10	1.16E-10
2497	497696.65, 3858722.63	1.34E-06	4.22E-10	1.23E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.18E-10
2498	497796.65, 3858722.63	1.34E-06	4.24E-10	1.23E-10	1.32E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
2499	497896.65, 3858722.63	1.36E-06	4.29E-10	1.25E-10	1.34E-06	4.23E-10	1.23E-10	1.30E-06	4.11E-10	1.20E-10
2500	497396.65, 3858822.63	1.27E-06	4.01E-10	1.17E-10	1.25E-06	3.96E-10	1.15E-10	1.22E-06	3.84E-10	1.12E-10
2501	497496.65, 3858822.63	1.29E-06	4.06E-10	1.18E-10	1.27E-06	4.01E-10	1.17E-10	1.23E-06	3.89E-10	1.13E-10
2502	497596.65, 3858822.63	1.34E-06	4.24E-10	1.23E-10	1.33E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
2503	497696.65, 3858822.63	1.35E-06	4.27E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
2504	497796.65, 3858822.63	1.36E-06	4.30E-10	1.25E-10	1.35E-06	4.25E-10	1.23E-10	1.31E-06	4.12E-10	1.20E-10
2505	497896.65, 3858822.63	1.40E-06	4.41E-10	1.28E-10	1.38E-06	4.35E-10	1.27E-10	1.34E-06	4.23E-10	1.23E-10
2506	497396.65, 3858922.63	1.29E-06	4.07E-10	1.18E-10	1.27E-06	4.02E-10	1.17E-10	1.24E-06	3.90E-10	1.14E-10
2507	497496.65, 3858922.63	1.34E-06	4.21E-10	1.23E-10	1.32E-06	4.16E-10	1.21E-10	1.28E-06	4.04E-10	1.17E-10
2508	497596.65, 3858922.63	1.33E-06	4.19E-10	1.22E-10	1.31E-06	4.13E-10	1.20E-10	1.27E-06	4.01E-10	1.17E-10
2509	497696.65, 3858922.63	1.38E-06	4.37E-10	1.27E-10	1.37E-06	4.31E-10	1.25E-10	1.33E-06	4.19E-10	1.22E-10
2510	497796.65, 3858922.63	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
2511	497896.65, 3858922.63	1.46E-06	4.59E-10	1.34E-10	1.44E-06	4.53E-10	1.32E-10	1.40E-06	4.40E-10	1.28E-10
2512	497364.44, 3858201.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
2513	497414.44, 3858201.52	1.16E-06	3.67E-10	1.07E-10	1.15E-06	3.62E-10	1.05E-10	1.11E-06	3.52E-10	1.02E-10
2514	497464.44, 3858201.52	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2515	497514.44, 3858201.52	1.17E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2516	497564.44, 3858201.52	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.61E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
2517	497614.44, 3858201.52	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
2518	497364.44, 3858251.52	1.17E-06	3.70E-10	1.08E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.55E-10	1.03E-10
2519	497414.44, 3858251.52	1.19E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.14E-06	3.58E-10	1.04E-10
2520	497464.44, 3858251.52	1.17E-06	3.70E-10	1.07E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.54E-10	1.03E-10
2521	497514.44, 3858251.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
2522	497564.44, 3858251.52	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
2523	497614.44, 3858251.52	1.14E-06	3.60E-10	1.05E-10	1.12E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
2524	497364.44, 3858301.52	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
2525	497414.44, 3858301.52	1.18E-06	3.73E-10	1.09E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
2526	497464.44, 3858301.52	1.17E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2527	497514.44, 3858301.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.01E-10
2528	497564.44, 3858301.52	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
2529	497614.44, 3858301.52	1.13E-06	3.56E-10	1.04E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.41E-10	9.93E-11
2530	497364.44, 3858351.52	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.14E-06	3.58E-10	1.04E-10
2531	497414.44, 3858351.52	1.17E-06	3.70E-10	1.08E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.55E-10	1.03E-10
2532	497464.44, 3858351.52	1.16E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.52E-10	1.02E-10
2533	497514.44, 3858351.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
2534	497564.44, 3858351.52	1.13E-06	3.58E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.97E-11
2535	497614.44, 3858351.52	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.41E-10	9.91E-11
2536	497364.44, 3858401.52	1.17E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.06E-10	1.13E-06	3.55E-10	1.03E-10
2537	497414.44, 3858401.52	1.17E-06	3.68E-10	1.07E-10	1.15E-06	3.63E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
2538	497464.44, 3858401.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
2539	497514.44, 3858401.52	1.14E-06	3.61E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.46E-10	1.01E-10
2540	497564.44, 3858401.52	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.04E-10	1.10E-06	3.49E-10	1.01E-10
2541	497614.44, 3858401.52	1.16E-06	3.67E-10	1.07E-10	1.15E-06	3.62E-10	1.05E-10	1.11E-06	3.52E-10	1.02E-10
2542	493478.11, 3860497.94	1.94E-06	6.13E-10	1.78E-10	1.92E-06	6.05E-10	1.76E-10	1.86E-06	5.88E-10	1.71E-10
2543	493528.11, 3860497.94	1.93E-06	6.10E-10	1.77E-10	1.91E-06	6.02E-10	1.75E-10	1.85E-06	5.84E-10	1.70E-10
2544	493478.11, 3860547.94	1.88E-06	5.95E-10	1.73E-10	1.86E-06	5.87E-10	1.71E-10	1.81E-06	5.70E-10	1.66E-10
2545	493528.11, 3860547.94	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.83E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
2546	493478.11, 3860597.94	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
2547	493528.11, 3860597.94	1.82E-06	5.74E-10	1.67E-10	1.79E-06	5.66E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
2548	493561.88, 3860524.64	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.82E-06	5.73E-10	1.67E-10
2549	493591.88, 3860524.64	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.89E-10	1.71E-10	1.81E-06	5.71E-10	1.66E-10

2550	493561.88, 3860554.64	1.86E-06	5.87E-10	1.71E-10	1.83E-06	5.79E-10	1.68E-10	1.78E-06	5.62E-10	1.64E-10
2551	493591.88, 3860554.64	1.86E-06	5.86E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
2552	492880.5, 3860293.11	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
2553	492930.5, 3860293.11	2.35E-06	7.41E-10	2.16E-10	2.32E-06	7.31E-10	2.13E-10	2.25E-06	7.10E-10	2.07E-10
2554	492980.5, 3860293.11	2.34E-06	7.38E-10	2.15E-10	2.31E-06	7.28E-10	2.12E-10	2.24E-06	7.07E-10	2.06E-10
2555	493030.5, 3860293.11	2.33E-06	7.36E-10	2.14E-10	2.30E-06	7.27E-10	2.11E-10	2.24E-06	7.06E-10	2.05E-10
2556	493080.5, 3860293.11	2.32E-06	7.33E-10	2.13E-10	2.29E-06	7.24E-10	2.10E-10	2.23E-06	7.03E-10	2.04E-10
2557	493130.5, 3860293.11	2.31E-06	7.29E-10	2.12E-10	2.28E-06	7.19E-10	2.09E-10	2.21E-06	6.98E-10	2.03E-10
2558	493180.5, 3860293.11	2.29E-06	7.22E-10	2.10E-10	2.26E-06	7.13E-10	2.07E-10	2.19E-06	6.92E-10	2.01E-10
2559	493230.5, 3860293.11	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.08E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
2560	493280.5, 3860293.11	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.85E-10	1.99E-10
2561	493330.5, 3860293.11	2.25E-06	7.12E-10	2.07E-10	2.23E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2562	493380.5, 3860293.11	2.24E-06	7.08E-10	2.06E-10	2.21E-06	6.98E-10	2.03E-10	2.15E-06	6.78E-10	1.97E-10
2563	492880.5, 3860343.11	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.10E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
2564	492930.5, 3860343.11	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.86E-10	1.99E-10
2565	492980.5, 3860343.11	2.27E-06	7.15E-10	2.08E-10	2.24E-06	7.06E-10	2.05E-10	2.17E-06	6.86E-10	1.99E-10
2566	493030.5, 3860343.11	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.02E-10	2.04E-10	2.16E-06	6.82E-10	1.98E-10
2567	493080.5, 3860343.11	2.25E-06	7.10E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
2568	493130.5, 3860343.11	2.23E-06	7.05E-10	2.05E-10	2.20E-06	6.96E-10	2.02E-10	2.14E-06	6.76E-10	1.97E-10
2569	493180.5, 3860343.11	2.21E-06	6.99E-10	2.03E-10	2.18E-06	6.90E-10	2.01E-10	2.12E-06	6.70E-10	1.95E-10
2570	493230.5, 3860343.11	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.94E-10
2571	493280.5, 3860343.11	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
2572	493330.5, 3860343.11	2.18E-06	6.89E-10	2.00E-10	2.16E-06	6.80E-10	1.98E-10	2.09E-06	6.61E-10	1.92E-10
2573	493380.5, 3860343.11	2.17E-06	6.86E-10	1.99E-10	2.14E-06	6.77E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
2574	492880.5, 3860393.11	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10
2575	492930.5, 3860393.11	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
2576	492980.5, 3860393.11	2.19E-06	6.90E-10	2.01E-10	2.16E-06	6.81E-10	1.98E-10	2.10E-06	6.62E-10	1.92E-10
2577	493030.5, 3860393.11	2.18E-06	6.88E-10	2.00E-10	2.15E-06	6.79E-10	1.97E-10	2.09E-06	6.59E-10	1.92E-10
2578	493080.5, 3860393.11	2.18E-06	6.87E-10	2.00E-10	2.15E-06	6.78E-10	1.97E-10	2.09E-06	6.58E-10	1.91E-10
2579	493130.5, 3860393.11	2.16E-06	6.82E-10	1.98E-10	2.13E-06	6.73E-10	1.96E-10	2.07E-06	6.53E-10	1.90E-10
2580	493180.5, 3860393.11	2.14E-06	6.76E-10	1.97E-10	2.11E-06	6.67E-10	1.94E-10	2.05E-06	6.48E-10	1.88E-10
2581	493230.5, 3860393.11	2.13E-06	6.72E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
2582	493280.5, 3860393.11	2.12E-06	6.70E-10	1.95E-10	2.10E-06	6.61E-10	1.92E-10	2.04E-06	6.42E-10	1.87E-10
2583	493330.5, 3860393.11	2.11E-06	6.67E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2584	493380.5, 3860393.11	2.10E-06	6.64E-10	1.93E-10	2.08E-06	6.55E-10	1.91E-10	2.02E-06	6.36E-10	1.85E-10
2585	492880.5, 3860443.11	2.13E-06	6.71E-10	1.95E-10	2.10E-06	6.62E-10	1.93E-10	2.04E-06	6.43E-10	1.87E-10
2586	492930.5, 3860443.11	2.12E-06	6.68E-10	1.94E-10	2.09E-06	6.59E-10	1.92E-10	2.03E-06	6.40E-10	1.86E-10
2587	492980.5, 3860443.11	2.11E-06	6.66E-10	1.94E-10	2.08E-06	6.58E-10	1.91E-10	2.02E-06	6.39E-10	1.86E-10
2588	493030.5, 3860443.11	2.11E-06	6.65E-10	1.93E-10	2.08E-06	6.56E-10	1.91E-10	2.02E-06	6.37E-10	1.85E-10
2589	493080.5, 3860443.11	2.10E-06	6.62E-10	1.92E-10	2.07E-06	6.53E-10	1.90E-10	2.01E-06	6.34E-10	1.84E-10
2590	493130.5, 3860443.11	2.09E-06	6.58E-10	1.92E-10	2.06E-06	6.50E-10	1.89E-10	2.00E-06	6.31E-10	1.84E-10
2591	493180.5, 3860443.11	2.07E-06	6.53E-10	1.90E-10	2.04E-06	6.45E-10	1.87E-10	1.98E-06	6.26E-10	1.82E-10
2592	493230.5, 3860443.11	2.06E-06	6.52E-10	1.90E-10	2.04E-06	6.43E-10	1.87E-10	1.98E-06	6.25E-10	1.82E-10
2593	493280.5, 3860443.11	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
2594	493330.5, 3860443.11	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
2595	493380.5, 3860443.11	2.04E-06	6.43E-10	1.87E-10	2.01E-06	6.35E-10	1.85E-10	1.95E-06	6.16E-10	1.79E-10
2596	493180.5, 3860493.11	2.01E-06	6.33E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
2597	493230.5, 3860493.11	2.00E-06	6.31E-10	1.84E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
2598	493280.5, 3860493.11	1.99E-06	6.29E-10	1.83E-10	1.97E-06	6.21E-10	1.81E-10	1.91E-06	6.03E-10	1.75E-10
2599	493330.5, 3860493.11	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.18E-10	1.80E-10	1.90E-06	6.00E-10	1.75E-10
2600	493380.5, 3860493.11	1.97E-06	6.23E-10	1.81E-10	1.95E-06	6.15E-10	1.79E-10	1.89E-06	5.97E-10	1.74E-10
2601	493330.5, 3860543.11	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
2602	493380.5, 3860543.11	1.91E-06	6.04E-10	1.76E-10	1.89E-06	5.96E-10	1.73E-10	1.83E-06	5.79E-10	1.68E-10
2603	494135.94, 3860876.85	1.47E-06	4.65E-10	1.35E-10	1.45E-06	4.59E-10	1.33E-10	1.41E-06	4.45E-10	1.30E-10
2604	494185.94, 3860876.85	1.47E-06	4.63E-10	1.35E-10	1.45E-06	4.57E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
2605	494135.94, 3860926.85	1.43E-06	4.52E-10	1.31E-10	1.41E-06	4.46E-10	1.30E-10	1.37E-06	4.33E-10	1.26E-10
2606	494185.94, 3860926.85	1.43E-06	4.50E-10	1.31E-10	1.41E-06	4.44E-10	1.29E-10	1.37E-06	4.32E-10	1.26E-10
2607	494135.94, 3860976.85	1.39E-06	4.40E-10	1.28E-10	1.38E-06	4.34E-10	1.26E-10	1.34E-06	4.22E-10	1.23E-10
2608	494185.94, 3860976.85	1.39E-06	4.39E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.20E-10	1.22E-10
2609	494135.94, 3861026.85	1.36E-06	4.28E-10	1.25E-10	1.34E-06	4.23E-10	1.23E-10	1.30E-06	4.11E-10	1.19E-10
2610	494185.94, 3861026.85	1.35E-06	4.27E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.09E-10	1.19E-10
2611	494135.94, 3861076.85	1.32E-06	4.18E-10	1.21E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
2612	494185.94, 3861076.85	1.32E-06	4.16E-10	1.21E-10	1.30E-06	4.11E-10	1.19E-10	1.26E-06	3.99E-10	1.16E-10
2613	490360.04, 3858710.04	2.10E-05	6.62E-09	1.93E-09	2.07E-05	6.53E-09	1.90E-09	2.01E-05	6.34E-09	1.85E-09
2614	490410.04, 3858710.04	2.05E-05	6.48E-09	1.89E-09	2.03E-05	6.40E-09	1.86E-09	1.97E-05	6.21E-09	1.81E-09
2615	490460.04, 3858710.04	2.01E-05	6.34E-09	1.84E-09	1.98E-05	6.25E-09	1.82E-09	1.92E-05	6.07E-09	1.77E-09
2616	490510.04, 3858710.04	1.97E-05	6.21E-09	1.81E-09	1.94E-05	6.12E-09	1.78E-09	1.88E-05	5.95E-09	1.73E-09
2617	490560.04, 3858710.04	1.93E-05	6.09E-09	1.77E-09	1.90E-05	6.01E-09	1.75E-09	1.85E-05	5.83E-09	1.70E-09
2618	490610.04, 3858710.04	1.89E-05	5.96E-09	1.73E-09	1.86E-05	5.88E-09	1.71E-09	1.81E-05	5.71E-09	1.66E-09

2619	490660.04, 3858710.04	1.86E-05	5.86E-09	1.70E-09	1.83E-05	5.78E-09	1.68E-09	1.78E-05	5.62E-09	1.63E-09
2620	490710.04, 3858710.04	1.81E-05	5.72E-09	1.66E-09	1.79E-05	5.64E-09	1.64E-09	1.74E-05	5.48E-09	1.59E-09
2621	490760.04, 3858710.04	1.77E-05	5.58E-09	1.62E-09	1.74E-05	5.50E-09	1.60E-09	1.69E-05	5.34E-09	1.55E-09
2622	490810.04, 3858710.04	1.72E-05	5.43E-09	1.58E-09	1.70E-05	5.36E-09	1.56E-09	1.65E-05	5.20E-09	1.51E-09
2623	490860.04, 3858710.04	1.66E-05	5.25E-09	1.53E-09	1.64E-05	5.18E-09	1.51E-09	1.59E-05	5.03E-09	1.46E-09
2624	490360.04, 3858760.04	1.96E-05	6.18E-09	1.80E-09	1.93E-05	6.10E-09	1.78E-09	1.88E-05	5.93E-09	1.72E-09
2625	490410.04, 3858760.04	1.91E-05	6.04E-09	1.76E-09	1.89E-05	5.96E-09	1.73E-09	1.83E-05	5.79E-09	1.68E-09
2626	490460.04, 3858760.04	1.87E-05	5.89E-09	1.71E-09	1.84E-05	5.82E-09	1.69E-09	1.79E-05	5.65E-09	1.64E-09
2627	490510.04, 3858760.04	1.82E-05	5.74E-09	1.67E-09	1.80E-05	5.67E-09	1.65E-09	1.74E-05	5.50E-09	1.60E-09
2628	490560.04, 3858760.04	1.78E-05	5.61E-09	1.63E-09	1.75E-05	5.54E-09	1.61E-09	1.70E-05	5.38E-09	1.56E-09
2629	490610.04, 3858760.04	1.73E-05	5.47E-09	1.59E-09	1.71E-05	5.40E-09	1.57E-09	1.66E-05	5.24E-09	1.53E-09
2630	490660.04, 3858760.04	1.69E-05	5.34E-09	1.55E-09	1.67E-05	5.27E-09	1.53E-09	1.62E-05	5.12E-09	1.49E-09
2631	490710.04, 3858760.04	1.65E-05	5.21E-09	1.51E-09	1.63E-05	5.14E-09	1.49E-09	1.58E-05	4.99E-09	1.45E-09
2632	490760.04, 3858760.04	1.60E-05	5.05E-09	1.47E-09	1.58E-05	4.98E-09	1.45E-09	1.53E-05	4.84E-09	1.41E-09
2633	490810.04, 3858760.04	1.55E-05	4.90E-09	1.42E-09	1.53E-05	4.83E-09	1.41E-09	1.49E-05	4.69E-09	1.37E-09
2634	490860.04, 3858760.04	1.51E-05	4.76E-09	1.38E-09	1.49E-05	4.69E-09	1.37E-09	1.44E-05	4.56E-09	1.33E-09
2635	490360.04, 3858810.04	1.84E-05	5.81E-09	1.69E-09	1.82E-05	5.74E-09	1.67E-09	1.76E-05	5.57E-09	1.62E-09
2636	490410.04, 3858810.04	1.79E-05	5.66E-09	1.64E-09	1.77E-05	5.58E-09	1.62E-09	1.72E-05	5.42E-09	1.58E-09
2637	490460.04, 3858810.04	1.74E-05	5.50E-09	1.60E-09	1.72E-05	5.43E-09	1.58E-09	1.67E-05	5.27E-09	1.53E-09
2638	490510.04, 3858810.04	1.70E-05	5.37E-09	1.56E-09	1.68E-05	5.30E-09	1.54E-09	1.63E-05	5.14E-09	1.50E-09
2639	490560.04, 3858810.04	1.66E-05	5.23E-09	1.52E-09	1.64E-05	5.16E-09	1.50E-09	1.59E-05	5.01E-09	1.46E-09
2640	490610.04, 3858810.04	1.61E-05	5.08E-09	1.48E-09	1.59E-05	5.01E-09	1.46E-09	1.54E-05	4.86E-09	1.41E-09
2641	490660.04, 3858810.04	1.56E-05	4.94E-09	1.44E-09	1.54E-05	4.87E-09	1.42E-09	1.50E-05	4.73E-09	1.38E-09
2642	490710.04, 3858810.04	1.52E-05	4.78E-09	1.39E-09	1.50E-05	4.72E-09	1.37E-09	1.45E-05	4.59E-09	1.33E-09
2643	490760.04, 3858810.04	1.46E-05	4.60E-09	1.34E-09	1.44E-05	4.54E-09	1.32E-09	1.40E-05	4.41E-09	1.28E-09
2644	490810.04, 3858810.04	1.42E-05	4.50E-09	1.31E-09	1.41E-05	4.44E-09	1.29E-09	1.37E-05	4.31E-09	1.25E-09
2645	490860.04, 3858810.04	1.37E-05	4.34E-09	1.26E-09	1.36E-05	4.28E-09	1.25E-09	1.32E-05	4.16E-09	1.21E-09
2646	490360.04, 3858860.04	1.73E-05	5.47E-09	1.59E-09	1.71E-05	5.40E-09	1.57E-09	1.66E-05	5.24E-09	1.52E-09
2647	490410.04, 3858860.04	1.69E-05	5.33E-09	1.55E-09	1.67E-05	5.26E-09	1.53E-09	1.62E-05	5.11E-09	1.49E-09
2648	490460.04, 3858860.04	1.64E-05	5.16E-09	1.50E-09	1.61E-05	5.10E-09	1.48E-09	1.57E-05	4.95E-09	1.44E-09
2649	490510.04, 3858860.04	1.60E-05	5.04E-09	1.47E-09	1.58E-05	4.98E-09	1.45E-09	1.53E-05	4.83E-09	1.41E-09
2650	490560.04, 3858860.04	1.55E-05	4.89E-09	1.42E-09	1.53E-05	4.83E-09	1.40E-09	1.49E-05	4.69E-09	1.36E-09
2651	490610.04, 3858860.04	1.49E-05	4.72E-09	1.37E-09	1.47E-05	4.65E-09	1.35E-09	1.43E-05	4.52E-09	1.31E-09
2652	490660.04, 3858860.04	1.45E-05	4.58E-09	1.33E-09	1.43E-05	4.52E-09	1.31E-09	1.39E-05	4.39E-09	1.28E-09
2653	490710.04, 3858860.04	1.41E-05	4.46E-09	1.30E-09	1.39E-05	4.40E-09	1.28E-09	1.35E-05	4.28E-09	1.24E-09
2654	490760.04, 3858860.04	1.36E-05	4.29E-09	1.25E-09	1.34E-05	4.23E-09	1.23E-09	1.30E-05	4.11E-09	1.20E-09
2655	490810.04, 3858860.04	1.31E-05	4.13E-09	1.20E-09	1.29E-05	4.07E-09	1.18E-09	1.25E-05	3.95E-09	1.15E-09
2656	490860.04, 3858860.04	1.25E-05	3.96E-09	1.15E-09	1.24E-05	3.91E-09	1.14E-09	1.20E-05	3.79E-09	1.10E-09
2657	490360.04, 3858910.04	1.65E-05	5.19E-09	1.51E-09	1.62E-05	5.13E-09	1.49E-09	1.58E-05	4.98E-09	1.45E-09
2658	490410.04, 3858910.04	1.60E-05	5.04E-09	1.47E-09	1.58E-05	4.97E-09	1.45E-09	1.53E-05	4.83E-09	1.41E-09
2659	490460.04, 3858910.04	1.55E-05	4.89E-09	1.42E-09	1.53E-05	4.82E-09	1.40E-09	1.48E-05	4.68E-09	1.36E-09
2660	490510.04, 3858910.04	1.50E-05	4.73E-09	1.38E-09	1.48E-05	4.67E-09	1.36E-09	1.44E-05	4.54E-09	1.32E-09
2661	490560.04, 3858910.04	1.45E-05	4.57E-09	1.33E-09	1.43E-05	4.51E-09	1.31E-09	1.39E-05	4.38E-09	1.28E-09
2662	490610.04, 3858910.04	1.40E-05	4.41E-09	1.28E-09	1.38E-05	4.35E-09	1.27E-09	1.34E-05	4.23E-09	1.23E-09
2663	490660.04, 3858910.04	1.35E-05	4.27E-09	1.24E-09	1.34E-05	4.22E-09	1.23E-09	1.30E-05	4.10E-09	1.19E-09
2664	490710.04, 3858910.04	1.31E-05	4.12E-09	1.20E-09	1.29E-05	4.07E-09	1.18E-09	1.25E-05	3.95E-09	1.15E-09
2665	490760.04, 3858910.04	1.25E-05	3.94E-09	1.15E-09	1.23E-05	3.89E-09	1.13E-09	1.20E-05	3.78E-09	1.10E-09
2666	490810.04, 3858910.04	1.21E-05	3.81E-09	1.11E-09	1.19E-05	3.76E-09	1.09E-09	1.16E-05	3.65E-09	1.06E-09
2667	490860.04, 3858910.04	1.15E-05	3.63E-09	1.06E-09	1.14E-05	3.59E-09	1.04E-09	1.10E-05	3.48E-09	1.01E-09
2668	490360.04, 3858960.04	1.56E-05	4.92E-09	1.43E-09	1.54E-05	4.85E-09	1.41E-09	1.49E-05	4.71E-09	1.37E-09
2669	490410.04, 3858960.04	1.51E-05	4.76E-09	1.38E-09	1.49E-05	4.69E-09	1.37E-09	1.44E-05	4.56E-09	1.33E-09
2670	490460.04, 3858960.04	1.45E-05	4.59E-09	1.34E-09	1.44E-05	4.53E-09	1.32E-09	1.39E-05	4.40E-09	1.28E-09
2671	490510.04, 3858960.04	1.41E-05	4.44E-09	1.29E-09	1.39E-05	4.38E-09	1.27E-09	1.35E-05	4.25E-09	1.24E-09
2672	490560.04, 3858960.04	1.36E-05	4.29E-09	1.25E-09	1.34E-05	4.23E-09	1.23E-09	1.30E-05	4.11E-09	1.20E-09
2673	490610.04, 3858960.04	1.30E-05	4.11E-09	1.20E-09	1.29E-05	4.06E-09	1.18E-09	1.25E-05	3.94E-09	1.15E-09
2674	490660.04, 3858960.04	1.27E-05	4.00E-09	1.16E-09	1.25E-05	3.95E-09	1.15E-09	1.22E-05	3.84E-09	1.12E-09
2675	490710.04, 3858960.04	1.21E-05	3.83E-09	1.11E-09	1.20E-05	3.78E-09	1.10E-09	1.16E-05	3.67E-09	1.07E-09
2676	490760.04, 3858960.04	1.16E-05	3.67E-09	1.07E-09	1.15E-05	3.62E-09	1.05E-09	1.12E-05	3.52E-09	1.02E-09
2677	490810.04, 3858960.04	1.11E-05	3.52E-09	1.02E-09	1.10E-05	3.47E-09	1.01E-09	1.07E-05	3.37E-09	9.80E-10
2678	490860.04, 3858960.04	1.06E-05	3.34E-09	9.72E-10	1.05E-05	3.30E-09	9.60E-10	1.01E-05	3.20E-09	9.32E-10
2679	490360.04, 3859010.04	1.48E-05	4.66E-09	1.36E-09	1.46E-05	4.60E-09	1.34E-09	1.41E-05	4.47E-09	1.30E-09
2680	490410.04, 3859010.04	1.42E-05	4.49E-09	1.31E-09	1.40E-05	4.43E-09	1.29E-09	1.36E-05	4.30E-09	1.25E-09
2681	490460.04, 3859010.04	1.36E-05	4.31E-09	1.25E-09	1.35E-05	4.25E-09	1.24E-09	1.31E-05	4.13E-09	1.20E-09
2682	490510.04, 3859010.04	1.31E-05	4.13E-09	1.20E-09	1.29E-05	4.07E-09	1.18E-09	1.25E-05	3.95E-09	1.15E-09
2683	490560.04, 3859010.04	1.27E-05	4.01E-09	1.16E-09	1.25E-05	3.95E-09	1.15E-09	1.22E-05	3.84E-09	1.12E-09
2684	490610.04, 3859010.04	1.21E-05	3.83E-09	1.11E-09	1.20E-05	3.78E-09	1.10E-09	1.16E-05	3.67E-09	1.07E-09
2685	490660.04, 3859010.04	1.18E-05	3.73E-09	1.09E-09	1.17E-05	3.68E-09	1.07E-09	1.13E-05	3.58E-09	1.04E-09
2686	490710.04, 3859010.04	1.13E-05	3.56E-09	1.03E-09	1.11E-05	3.51E-09	1.02E-09	1.08E-05	3.41E-09	9.92E-10
2687	490760.04, 3859010.04	1.08E-05	3.40E-09	9.88E-10	1.06E-05	3.35E-09	9.75E-10	1.03E-05	3.26E-09	9.47E-10

2688	490810.04, 3859010.04	1.03E-05	3.24E-09	9.42E-10	1.01E-05	3.20E-09	9.30E-10	9.84E-06	3.11E-09	9.03E-10
2689	490860.04, 3859010.04	9.82E-06	3.10E-09	9.01E-10	9.69E-06	3.06E-09	8.90E-10	9.41E-06	2.97E-09	8.64E-10
2690	490360.04, 3859060.04	1.40E-05	4.40E-09	1.28E-09	1.38E-05	4.35E-09	1.26E-09	1.34E-05	4.22E-09	1.23E-09
2691	490410.04, 3859060.04	1.33E-05	4.21E-09	1.22E-09	1.32E-05	4.15E-09	1.21E-09	1.28E-05	4.03E-09	1.17E-09
2692	490460.04, 3859060.04	1.28E-05	4.03E-09	1.17E-09	1.26E-05	3.98E-09	1.16E-09	1.22E-05	3.87E-09	1.12E-09
2693	490510.04, 3859060.04	1.23E-05	3.88E-09	1.13E-09	1.21E-05	3.83E-09	1.11E-09	1.18E-05	3.72E-09	1.08E-09
2694	490560.04, 3859060.04	1.17E-05	3.71E-09	1.08E-09	1.16E-05	3.66E-09	1.06E-09	1.13E-05	3.55E-09	1.03E-09
2695	490610.04, 3859060.04	1.13E-05	3.58E-09	1.04E-09	1.12E-05	3.53E-09	1.03E-09	1.09E-05	3.43E-09	9.98E-10
2696	490660.04, 3859060.04	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.41E-09	9.93E-10	1.05E-05	3.32E-09	9.64E-10
2697	490710.04, 3859060.04	1.04E-05	3.29E-09	9.56E-10	1.03E-05	3.24E-09	9.44E-10	9.98E-06	3.15E-09	9.17E-10
2698	490760.04, 3859060.04	9.93E-06	3.13E-09	9.11E-10	9.80E-06	3.09E-09	9.00E-10	9.52E-06	3.00E-09	8.74E-10
2699	490810.04, 3859060.04	9.44E-06	2.98E-09	8.67E-10	9.32E-06	2.94E-09	8.55E-10	9.05E-06	2.86E-09	8.31E-10
2700	490860.04, 3859060.04	9.01E-06	2.84E-09	8.28E-10	8.90E-06	2.81E-09	8.17E-10	8.64E-06	2.73E-09	7.93E-10
2701	490360.04, 3859110.04	1.32E-05	4.18E-09	1.22E-09	1.31E-05	4.13E-09	1.20E-09	1.27E-05	4.01E-09	1.17E-09
2702	490410.04, 3859110.04	1.26E-05	3.99E-09	1.16E-09	1.25E-05	3.93E-09	1.14E-09	1.21E-05	3.82E-09	1.11E-09
2703	490460.04, 3859110.04	1.22E-05	3.84E-09	1.12E-09	1.20E-05	3.79E-09	1.10E-09	1.16E-05	3.68E-09	1.07E-09
2704	490510.04, 3859110.04	1.15E-05	3.62E-09	1.05E-09	1.13E-05	3.57E-09	1.04E-09	1.10E-05	3.46E-09	1.01E-09
2705	490560.04, 3859110.04	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.42E-09	9.94E-10	1.05E-05	3.32E-09	9.65E-10
2706	490610.04, 3859110.04	1.05E-05	3.30E-09	9.60E-10	1.03E-05	3.26E-09	9.48E-10	1.00E-05	3.16E-09	9.20E-10
2707	490660.04, 3859110.04	9.91E-06	3.13E-09	9.10E-10	9.78E-06	3.09E-09	8.98E-10	9.50E-06	3.00E-09	8.72E-10
2708	490710.04, 3859110.04	9.55E-06	3.01E-09	8.76E-10	9.42E-06	2.97E-09	8.65E-10	9.15E-06	2.89E-09	8.40E-10
2709	490760.04, 3859110.04	9.12E-06	2.88E-09	8.37E-10	9.00E-06	2.84E-09	8.26E-10	8.74E-06	2.76E-09	8.02E-10
2710	490810.04, 3859110.04	8.63E-06	2.72E-09	7.92E-10	8.52E-06	2.69E-09	7.82E-10	8.27E-06	2.61E-09	7.59E-10
2711	490860.04, 3859110.04	8.17E-06	2.58E-09	7.50E-10	8.07E-06	2.55E-09	7.41E-10	7.83E-06	2.47E-09	7.19E-10
2712	490360.04, 3859160.04	1.26E-05	3.98E-09	1.16E-09	1.24E-05	3.93E-09	1.14E-09	1.21E-05	3.81E-09	1.11E-09
2713	490410.04, 3859160.04	1.20E-05	3.80E-09	1.10E-09	1.19E-05	3.75E-09	1.09E-09	1.15E-05	3.64E-09	1.06E-09
2714	490460.04, 3859160.04	1.15E-05	3.63E-09	1.06E-09	1.14E-05	3.58E-09	1.04E-09	1.10E-05	3.48E-09	1.01E-09
2715	490510.04, 3859160.04	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.42E-09	9.93E-10	1.05E-05	3.32E-09	9.65E-10
2716	490560.04, 3859160.04	1.04E-05	3.27E-09	9.50E-10	1.02E-05	3.22E-09	9.38E-10	9.92E-06	3.13E-09	9.11E-10
2717	490610.04, 3859160.04	9.91E-06	3.13E-09	9.10E-10	9.78E-06	3.09E-09	8.98E-10	9.50E-06	3.00E-09	8.72E-10
2718	490660.04, 3859160.04	9.13E-06	2.88E-09	8.38E-10	9.01E-06	2.84E-09	8.27E-10	8.75E-06	2.76E-09	8.04E-10
2719	490710.04, 3859160.04	8.77E-06	2.77E-09	8.05E-10	8.65E-06	2.73E-09	7.94E-10	8.40E-06	2.65E-09	7.71E-10
2720	490760.04, 3859160.04	8.20E-06	2.59E-09	7.53E-10	8.09E-06	2.55E-09	7.43E-10	7.86E-06	2.48E-09	7.21E-10
2721	490810.04, 3859160.04	7.86E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.13E-10	7.54E-06	2.38E-09	6.92E-10
2722	490860.04, 3859160.04	7.52E-06	2.37E-09	6.90E-10	7.42E-06	2.34E-09	6.81E-10	7.21E-06	2.27E-09	6.61E-10
2723	490360.04, 3859210.04	1.20E-05	3.78E-09	1.10E-09	1.18E-05	3.73E-09	1.09E-09	1.15E-05	3.63E-09	1.05E-09
2724	490410.04, 3859210.04	1.16E-05	3.65E-09	1.06E-09	1.14E-05	3.61E-09	1.05E-09	1.11E-05	3.50E-09	1.02E-09
2725	490460.04, 3859210.04	1.09E-05	3.44E-09	1.00E-09	1.08E-05	3.40E-09	9.88E-10	1.05E-05	3.30E-09	9.60E-10
2726	490510.04, 3859210.04	1.04E-05	3.27E-09	9.51E-10	1.02E-05	3.23E-09	9.39E-10	9.93E-06	3.13E-09	9.12E-10
2727	490560.04, 3859210.04	9.94E-06	3.14E-09	9.13E-10	9.81E-06	3.10E-09	9.01E-10	9.53E-06	3.01E-09	8.75E-10
2728	490610.04, 3859210.04	9.43E-06	2.98E-09	8.66E-10	9.30E-06	2.94E-09	8.54E-10	9.04E-06	2.85E-09	8.30E-10
2729	490660.04, 3859210.04	8.74E-06	2.76E-09	8.03E-10	8.63E-06	2.72E-09	7.92E-10	8.38E-06	2.64E-09	7.69E-10
2730	490710.04, 3859210.04	8.33E-06	2.63E-09	7.65E-10	8.22E-06	2.59E-09	7.55E-10	7.98E-06	2.52E-09	7.33E-10
2731	490760.04, 3859210.04	7.76E-06	2.45E-09	7.12E-10	7.66E-06	2.42E-09	7.03E-10	7.44E-06	2.35E-09	6.83E-10
2732	490810.04, 3859210.04	7.61E-06	2.40E-09	6.99E-10	7.51E-06	2.37E-09	6.89E-10	7.29E-06	2.30E-09	6.69E-10
2733	490860.04, 3859210.04	7.45E-06	2.35E-09	6.83E-10	7.35E-06	2.32E-09	6.75E-10	7.14E-06	2.25E-09	6.55E-10
2734	490360.04, 3859260.04	1.14E-05	3.58E-09	1.04E-09	1.12E-05	3.54E-09	1.03E-09	1.09E-05	3.43E-09	9.99E-10
2735	490410.04, 3859260.04	1.09E-05	3.45E-09	1.00E-09	1.08E-05	3.40E-09	9.89E-10	1.05E-05	3.30E-09	9.61E-10
2736	490460.04, 3859260.04	1.05E-05	3.33E-09	9.67E-10	1.04E-05	3.28E-09	9.55E-10	1.01E-05	3.19E-09	9.27E-10
2737	490510.04, 3859260.04	1.02E-05	3.21E-09	9.33E-10	1.00E-05	3.17E-09	9.21E-10	9.74E-06	3.07E-09	8.94E-10
2738	490560.04, 3859260.04	9.68E-06	3.06E-09	8.89E-10	9.55E-06	3.02E-09	8.77E-10	9.28E-06	2.93E-09	8.52E-10
2739	490610.04, 3859260.04	9.06E-06	2.86E-09	8.32E-10	8.95E-06	2.82E-09	8.21E-10	8.69E-06	2.74E-09	7.97E-10
2740	490660.04, 3859260.04	8.83E-06	2.79E-09	8.11E-10	8.72E-06	2.75E-09	8.00E-10	8.46E-06	2.67E-09	7.77E-10
2741	490710.04, 3859260.04	8.47E-06	2.67E-09	7.78E-10	8.36E-06	2.64E-09	7.67E-10	8.12E-06	2.56E-09	7.45E-10
2742	490760.04, 3859260.04	7.89E-06	2.49E-09	7.25E-10	7.79E-06	2.46E-09	7.15E-10	7.56E-06	2.39E-09	6.94E-10
2743	490810.04, 3859260.04	7.67E-06	2.42E-09	7.05E-10	7.57E-06	2.39E-09	6.95E-10	7.36E-06	2.32E-09	6.75E-10
2744	490860.04, 3859260.04	7.46E-06	2.36E-09	6.85E-10	7.37E-06	2.32E-09	6.76E-10	7.15E-06	2.26E-09	6.57E-10
2745	490360.04, 3859310.04	1.09E-05	3.43E-09	9.96E-10	1.07E-05	3.38E-09	9.83E-10	1.04E-05	3.28E-09	9.55E-10
2746	490410.04, 3859310.04	1.05E-05	3.30E-09	9.59E-10	1.03E-05	3.26E-09	9.47E-10	1.00E-05	3.16E-09	9.19E-10
2747	490460.04, 3859310.04	1.01E-05	3.18E-09	9.25E-10	9.94E-06	3.14E-09	9.13E-10	9.65E-06	3.05E-09	8.86E-10
2748	490510.04, 3859310.04	9.75E-06	3.08E-09	8.95E-10	9.62E-06	3.04E-09	8.83E-10	9.34E-06	2.95E-09	8.58E-10
2749	490560.04, 3859310.04	9.42E-06	2.97E-09	8.65E-10	9.29E-06	2.93E-09	8.53E-10	9.03E-06	2.85E-09	8.29E-10
2750	490610.04, 3859310.04	9.12E-06	2.88E-09	8.37E-10	9.00E-06	2.84E-09	8.26E-10	8.74E-06	2.76E-09	8.02E-10
2751	490660.04, 3859310.04	8.78E-06	2.77E-09	8.06E-10	8.66E-06	2.73E-09	7.95E-10	8.41E-06	2.65E-09	7.72E-10
2752	490710.04, 3859310.04	8.25E-06	2.60E-09	7.57E-10	8.14E-06	2.57E-09	7.47E-10	7.90E-06	2.49E-09	7.25E-10
2753	490760.04, 3859310.04	7.89E-06	2.49E-09	7.25E-10	7.79E-06	2.46E-09	7.15E-10	7.57E-06	2.39E-09	6.95E-10
2754	490810.04, 3859310.04	7.66E-06	2.42E-09	7.04E-10	7.56E-06	2.39E-09	6.94E-10	7.34E-06	2.32E-09	6.74E-10
2755	490860.04, 3859310.04	7.36E-06	2.32E-09	6.75E-10	7.26E-06	2.29E-09	6.67E-10	7.05E-06	2.23E-09	6.47E-10
2756	490360.04, 3859360.04	1.03E-05	3.27E-09	9.50E-10	1.02E-05	3.22E-09	9.37E-10	9.91E-06	3.13E-09	9.10E-10

2757	490410.04, 3859360.04	1.00E-05	3.16E-09	9.20E-10	9.89E-06	3.12E-09	9.08E-10	9.60E-06	3.03E-09	8.82E-10
2758	490460.04, 3859360.04	9.71E-06	3.07E-09	8.92E-10	9.59E-06	3.03E-09	8.80E-10	9.31E-06	2.94E-09	8.55E-10
2759	490510.04, 3859360.04	9.41E-06	2.97E-09	8.64E-10	9.29E-06	2.93E-09	8.53E-10	9.02E-06	2.85E-09	8.28E-10
2760	490560.04, 3859360.04	9.08E-06	2.86E-09	8.33E-10	8.96E-06	2.83E-09	8.22E-10	8.70E-06	2.75E-09	7.99E-10
2761	490610.04, 3859360.04	8.75E-06	2.76E-09	8.03E-10	8.63E-06	2.73E-09	7.93E-10	8.38E-06	2.65E-09	7.70E-10
2762	490660.04, 3859360.04	8.46E-06	2.67E-09	7.76E-10	8.35E-06	2.63E-09	7.66E-10	8.11E-06	2.56E-09	7.44E-10
2763	490710.04, 3859360.04	8.10E-06	2.56E-09	7.44E-10	8.00E-06	2.52E-09	7.34E-10	7.77E-06	2.45E-09	7.13E-10
2764	490760.04, 3859360.04	7.73E-06	2.44E-09	7.10E-10	7.63E-06	2.41E-09	7.00E-10	7.41E-06	2.34E-09	6.80E-10
2765	490810.04, 3859360.04	7.57E-06	2.39E-09	6.95E-10	7.47E-06	2.36E-09	6.86E-10	7.25E-06	2.29E-09	6.66E-10
2766	490860.04, 3859360.04	7.31E-06	2.31E-09	6.71E-10	7.22E-06	2.28E-09	6.63E-10	7.01E-06	2.21E-09	6.44E-10
2767	490360.04, 3859410.04	9.80E-06	3.09E-09	9.00E-10	9.68E-06	3.05E-09	8.88E-10	9.40E-06	2.97E-09	8.63E-10
2768	490410.04, 3859410.04	9.53E-06	3.01E-09	8.74E-10	9.40E-06	2.97E-09	8.63E-10	9.13E-06	2.88E-09	8.38E-10
2769	490460.04, 3859410.04	9.25E-06	2.92E-09	8.49E-10	9.13E-06	2.88E-09	8.38E-10	8.87E-06	2.80E-09	8.14E-10
2770	490510.04, 3859410.04	8.98E-06	2.83E-09	8.25E-10	8.86E-06	2.80E-09	8.14E-10	8.61E-06	2.72E-09	7.90E-10
2771	490560.04, 3859410.04	8.72E-06	2.75E-09	8.01E-10	8.61E-06	2.72E-09	7.90E-10	8.36E-06	2.64E-09	7.67E-10
2772	490610.04, 3859410.04	8.46E-06	2.67E-09	7.77E-10	8.35E-06	2.64E-09	7.67E-10	8.11E-06	2.56E-09	7.45E-10
2773	490660.04, 3859410.04	8.16E-06	2.57E-09	7.49E-10	8.05E-06	2.54E-09	7.39E-10	7.82E-06	2.47E-09	7.18E-10
2774	490710.04, 3859410.04	7.88E-06	2.49E-09	7.23E-10	7.77E-06	2.45E-09	7.14E-10	7.55E-06	2.38E-09	6.93E-10
2775	490760.04, 3859410.04	7.54E-06	2.38E-09	6.92E-10	7.44E-06	2.35E-09	6.83E-10	7.23E-06	2.28E-09	6.64E-10
2776	490810.04, 3859410.04	7.36E-06	2.32E-09	6.76E-10	7.27E-06	2.29E-09	6.67E-10	7.06E-06	2.23E-09	6.48E-10
2777	490860.04, 3859410.04	7.24E-06	2.28E-09	6.64E-10	7.14E-06	2.25E-09	6.56E-10	6.94E-06	2.19E-09	6.37E-10
2778	490360.04, 3859460.04	9.27E-06	2.92E-09	8.51E-10	9.15E-06	2.89E-09	8.40E-10	8.88E-06	2.80E-09	8.15E-10
2779	490410.04, 3859460.04	9.00E-06	2.84E-09	8.26E-10	8.88E-06	2.80E-09	8.15E-10	8.62E-06	2.72E-09	7.92E-10
2780	490460.04, 3859460.04	8.76E-06	2.76E-09	8.04E-10	8.64E-06	2.73E-09	7.93E-10	8.39E-06	2.65E-09	7.70E-10
2781	490510.04, 3859460.04	8.52E-06	2.69E-09	7.82E-10	8.41E-06	2.65E-09	7.72E-10	8.17E-06	2.58E-09	7.50E-10
2782	490560.04, 3859460.04	8.29E-06	2.62E-09	7.61E-10	8.19E-06	2.58E-09	7.51E-10	7.95E-06	2.51E-09	7.30E-10
2783	490610.04, 3859460.04	8.06E-06	2.54E-09	7.40E-10	7.96E-06	2.51E-09	7.30E-10	7.73E-06	2.44E-09	7.09E-10
2784	490660.04, 3859460.04	7.83E-06	2.47E-09	7.18E-10	7.72E-06	2.44E-09	7.09E-10	7.50E-06	2.37E-09	6.89E-10
2785	490710.04, 3859460.04	7.62E-06	2.41E-09	7.00E-10	7.52E-06	2.37E-09	6.91E-10	7.30E-06	2.31E-09	6.71E-10
2786	490760.04, 3859460.04	7.39E-06	2.33E-09	6.79E-10	7.30E-06	2.30E-09	6.70E-10	7.09E-06	2.24E-09	6.51E-10
2787	490810.04, 3859460.04	7.18E-06	2.27E-09	6.59E-10	7.08E-06	2.24E-09	6.50E-10	6.88E-06	2.17E-09	6.31E-10
2788	490860.04, 3859460.04	7.03E-06	2.22E-09	6.46E-10	6.94E-06	2.19E-09	6.37E-10	6.74E-06	2.13E-09	6.19E-10
2789	490360.04, 3859510.04	8.81E-06	2.78E-09	8.09E-10	8.70E-06	2.75E-09	7.99E-10	8.45E-06	2.67E-09	7.76E-10
2790	490410.04, 3859510.04	8.53E-06	2.69E-09	7.83E-10	8.42E-06	2.66E-09	7.73E-10	8.18E-06	2.58E-09	7.51E-10
2791	490460.04, 3859510.04	8.29E-06	2.62E-09	7.61E-10	8.18E-06	2.58E-09	7.51E-10	7.94E-06	2.51E-09	7.29E-10
2792	490510.04, 3859510.04	8.07E-06	2.55E-09	7.41E-10	7.96E-06	2.51E-09	7.31E-10	7.73E-06	2.44E-09	7.10E-10
2793	490560.04, 3859510.04	7.87E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.13E-10	7.54E-06	2.38E-09	6.92E-10
2794	490610.04, 3859510.04	7.67E-06	2.42E-09	7.04E-10	7.57E-06	2.39E-09	6.95E-10	7.35E-06	2.32E-09	6.75E-10
2795	490660.04, 3859510.04	7.47E-06	2.36E-09	6.86E-10	7.37E-06	2.33E-09	6.77E-10	7.16E-06	2.26E-09	6.57E-10
2796	490710.04, 3859510.04	7.28E-06	2.30E-09	6.68E-10	7.18E-06	2.27E-09	6.60E-10	6.98E-06	2.20E-09	6.41E-10
2797	490760.04, 3859510.04	7.10E-06	2.24E-09	6.52E-10	7.00E-06	2.21E-09	6.43E-10	6.80E-06	2.15E-09	6.24E-10
2798	490810.04, 3859510.04	6.94E-06	2.19E-09	6.37E-10	6.85E-06	2.16E-09	6.29E-10	6.65E-06	2.10E-09	6.10E-10
2799	490860.04, 3859510.04	6.77E-06	2.14E-09	6.21E-10	6.68E-06	2.11E-09	6.13E-10	6.49E-06	2.05E-09	5.95E-10
2800	490360.04, 3859560.04	8.71E-06	2.75E-09	7.99E-10	8.59E-06	2.71E-09	7.89E-10	8.34E-06	2.63E-09	7.66E-10
2801	490410.04, 3859560.04	8.25E-06	2.60E-09	7.57E-10	8.14E-06	2.57E-09	7.47E-10	7.90E-06	2.49E-09	7.26E-10
2802	490460.04, 3859560.04	7.93E-06	2.50E-09	7.28E-10	7.83E-06	2.47E-09	7.18E-10	7.60E-06	2.40E-09	6.98E-10
2803	490510.04, 3859560.04	7.69E-06	2.43E-09	7.06E-10	7.59E-06	2.39E-09	6.96E-10	7.37E-06	2.32E-09	6.76E-10
2804	490560.04, 3859560.04	7.48E-06	2.36E-09	6.86E-10	7.38E-06	2.33E-09	6.77E-10	7.17E-06	2.26E-09	6.58E-10
2805	490610.04, 3859560.04	7.29E-06	2.30E-09	6.69E-10	7.20E-06	2.27E-09	6.61E-10	6.99E-06	2.21E-09	6.41E-10
2806	490660.04, 3859560.04	7.12E-06	2.25E-09	6.54E-10	7.03E-06	2.22E-09	6.45E-10	6.83E-06	2.15E-09	6.27E-10
2807	490710.04, 3859560.04	6.95E-06	2.19E-09	6.38E-10	6.86E-06	2.17E-09	6.30E-10	6.66E-06	2.10E-09	6.12E-10
2808	490760.04, 3859560.04	6.78E-06	2.14E-09	6.22E-10	6.69E-06	2.11E-09	6.14E-10	6.50E-06	2.05E-09	5.97E-10
2809	490810.04, 3859560.04	6.62E-06	2.09E-09	6.08E-10	6.54E-06	2.06E-09	6.00E-10	6.35E-06	2.00E-09	5.83E-10
2810	490860.04, 3859560.04	6.47E-06	2.04E-09	5.94E-10	6.38E-06	2.01E-09	5.86E-10	6.20E-06	1.96E-09	5.69E-10
2811	490187.25, 3859422.08	1.08E-05	3.42E-09	9.94E-10	1.07E-05	3.37E-09	9.81E-10	1.04E-05	3.28E-09	9.53E-10
2812	490237.25, 3859422.08	1.04E-05	3.29E-09	9.58E-10	1.03E-05	3.25E-09	9.46E-10	1.00E-05	3.16E-09	9.18E-10
2813	490287.25, 3859422.08	1.01E-05	3.19E-09	9.28E-10	9.98E-06	3.15E-09	9.16E-10	9.69E-06	3.06E-09	8.89E-10
2814	490337.25, 3859422.08	9.80E-06	3.09E-09	9.00E-10	9.67E-06	3.05E-09	8.88E-10	9.39E-06	2.96E-09	8.62E-10
2815	490187.25, 3859472.08	1.05E-05	3.32E-09	9.65E-10	1.04E-05	3.27E-09	9.53E-10	1.01E-05	3.18E-09	9.25E-10
2816	490237.25, 3859472.08	9.98E-06	3.15E-09	9.17E-10	9.85E-06	3.11E-09	9.05E-10	9.57E-06	3.02E-09	8.78E-10
2817	490287.25, 3859472.08	9.59E-06	3.03E-09	8.80E-10	9.46E-06	2.99E-09	8.69E-10	9.19E-06	2.90E-09	8.44E-10
2818	490337.25, 3859472.08	9.27E-06	2.93E-09	8.51E-10	9.15E-06	2.89E-09	8.40E-10	8.89E-06	2.81E-09	8.16E-10
2819	490297.07, 3859500.42	9.32E-06	2.94E-09	8.56E-10	9.20E-06	2.90E-09	8.45E-10	8.93E-06	2.82E-09	8.20E-10
2820	490327.07, 3859500.42	9.10E-06	2.87E-09	8.35E-10	8.98E-06	2.83E-09	8.24E-10	8.72E-06	2.75E-09	8.01E-10
2821	490297.07, 3859530.42	9.30E-06	2.93E-09	8.53E-10	9.18E-06	2.90E-09	8.42E-10	8.91E-06	2.81E-09	8.18E-10
2822	490327.07, 3859530.42	8.98E-06	2.83E-09	8.24E-10	8.86E-06	2.80E-09	8.13E-10	8.60E-06	2.71E-09	7.90E-10
2823	490319.73, 3859055.34	1.45E-05	4.58E-09	1.33E-09	1.43E-05	4.52E-09	1.32E-09	1.39E-05	4.39E-09	1.28E-09
2824	490319.73, 3859105.34	1.38E-05	4.35E-09	1.26E-09	1.36E-05	4.29E-09	1.25E-09	1.32E-05	4.16E-09	1.21E-09
2825	490069.73, 3859155.34	1.56E-05	4.93E-09	1.43E-09	1.54E-05	4.86E-09	1.41E-09	1.50E-05	4.72E-09	1.37E-09

2826	490119.73, 3859155.34	1.51E-05	4.75E-09	1.38E-09	1.49E-05	4.69E-09	1.36E-09	1.44E-05	4.55E-09	1.32E-09
2827	490269.73, 3859155.34	1.36E-05	4.29E-09	1.25E-09	1.34E-05	4.24E-09	1.23E-09	1.30E-05	4.12E-09	1.20E-09
2828	490319.73, 3859155.34	1.31E-05	4.13E-09	1.20E-09	1.29E-05	4.08E-09	1.19E-09	1.26E-05	3.96E-09	1.15E-09
2829	490069.73, 3859205.34	1.49E-05	4.69E-09	1.36E-09	1.47E-05	4.63E-09	1.35E-09	1.42E-05	4.50E-09	1.31E-09
2830	490119.73, 3859205.34	1.43E-05	4.52E-09	1.32E-09	1.41E-05	4.46E-09	1.30E-09	1.37E-05	4.34E-09	1.26E-09
2831	490169.73, 3859205.34	1.38E-05	4.37E-09	1.27E-09	1.37E-05	4.31E-09	1.25E-09	1.33E-05	4.19E-09	1.22E-09
2832	490219.73, 3859205.34	1.34E-05	4.22E-09	1.23E-09	1.32E-05	4.17E-09	1.21E-09	1.28E-05	4.05E-09	1.18E-09
2833	490269.73, 3859205.34	1.29E-05	4.06E-09	1.18E-09	1.27E-05	4.01E-09	1.17E-09	1.23E-05	3.90E-09	1.13E-09
2834	490319.73, 3859205.34	1.24E-05	3.92E-09	1.14E-09	1.23E-05	3.87E-09	1.13E-09	1.19E-05	3.76E-09	1.09E-09
2835	490069.73, 3859255.34	1.41E-05	4.46E-09	1.30E-09	1.39E-05	4.40E-09	1.28E-09	1.35E-05	4.27E-09	1.24E-09
2836	490119.73, 3859255.34	1.36E-05	4.30E-09	1.25E-09	1.34E-05	4.24E-09	1.23E-09	1.30E-05	4.12E-09	1.20E-09
2837	490169.73, 3859255.34	1.31E-05	4.15E-09	1.21E-09	1.30E-05	4.09E-09	1.19E-09	1.26E-05	3.98E-09	1.16E-09
2838	490219.73, 3859255.34	1.27E-05	4.01E-09	1.17E-09	1.25E-05	3.96E-09	1.15E-09	1.22E-05	3.84E-09	1.12E-09
2839	490269.73, 3859255.34	1.23E-05	3.87E-09	1.13E-09	1.21E-05	3.82E-09	1.11E-09	1.17E-05	3.71E-09	1.08E-09
2840	490319.73, 3859255.34	1.18E-05	3.74E-09	1.09E-09	1.17E-05	3.69E-09	1.07E-09	1.13E-05	3.58E-09	1.04E-09
2841	490069.73, 3859305.34	1.34E-05	4.24E-09	1.23E-09	1.32E-05	4.18E-09	1.22E-09	1.29E-05	4.06E-09	1.18E-09
2842	490119.73, 3859305.34	1.29E-05	4.07E-09	1.19E-09	1.27E-05	4.02E-09	1.17E-09	1.24E-05	3.91E-09	1.14E-09
2843	490169.73, 3859305.34	1.25E-05	3.93E-09	1.14E-09	1.23E-05	3.88E-09	1.13E-09	1.19E-05	3.77E-09	1.10E-09
2844	490219.73, 3859305.34	1.20E-05	3.80E-09	1.11E-09	1.19E-05	3.75E-09	1.09E-09	1.15E-05	3.64E-09	1.06E-09
2845	490269.73, 3859305.34	1.17E-05	3.68E-09	1.07E-09	1.15E-05	3.63E-09	1.06E-09	1.12E-05	3.52E-09	1.03E-09
2846	490319.73, 3859305.34	1.12E-05	3.55E-09	1.03E-09	1.11E-05	3.50E-09	1.02E-09	1.08E-05	3.40E-09	9.89E-10
2847	490069.73, 3859355.34	1.27E-05	4.02E-09	1.17E-09	1.26E-05	3.97E-09	1.15E-09	1.22E-05	3.85E-09	1.12E-09
2848	490119.73, 3859355.34	1.22E-05	3.86E-09	1.12E-09	1.21E-05	3.81E-09	1.11E-09	1.17E-05	3.70E-09	1.08E-09
2849	490169.73, 3859355.34	1.18E-05	3.72E-09	1.08E-09	1.16E-05	3.67E-09	1.07E-09	1.13E-05	3.56E-09	1.04E-09
2850	490219.73, 3859355.34	1.14E-05	3.59E-09	1.05E-09	1.12E-05	3.55E-09	1.03E-09	1.09E-05	3.44E-09	1.00E-09
2851	490269.73, 3859355.34	1.10E-05	3.48E-09	1.01E-09	1.09E-05	3.43E-09	9.99E-10	1.06E-05	3.33E-09	9.70E-10
2852	490319.73, 3859355.34	1.07E-05	3.37E-09	9.81E-10	1.05E-05	3.33E-09	9.68E-10	1.02E-05	3.23E-09	9.40E-10
2853	490069.73, 3859405.34	1.23E-05	3.87E-09	1.12E-09	1.21E-05	3.82E-09	1.11E-09	1.17E-05	3.71E-09	1.08E-09
2854	490119.73, 3859405.34	1.16E-05	3.68E-09	1.07E-09	1.15E-05	3.63E-09	1.06E-09	1.12E-05	3.52E-09	1.02E-09
2855	490169.73, 3859405.34	1.12E-05	3.52E-09	1.02E-09	1.10E-05	3.48E-09	1.01E-09	1.07E-05	3.38E-09	9.82E-10
2856	490219.73, 3859405.34	1.08E-05	3.40E-09	9.88E-10	1.06E-05	3.35E-09	9.75E-10	1.03E-05	3.25E-09	9.46E-10
2857	490269.73, 3859405.34	1.04E-05	3.29E-09	9.56E-10	1.03E-05	3.24E-09	9.44E-10	9.98E-06	3.15E-09	9.16E-10
2858	490319.73, 3859405.34	1.01E-05	3.19E-09	9.27E-10	9.96E-06	3.14E-09	9.15E-10	9.67E-06	3.05E-09	8.88E-10
2859	490161.89, 3859541.83	9.15E-06	2.89E-09	8.40E-10	9.03E-06	2.85E-09	8.29E-10	8.76E-06	2.77E-09	8.05E-10
2860	490171.89, 3859541.83	9.17E-06	2.89E-09	8.42E-10	9.05E-06	2.86E-09	8.31E-10	8.79E-06	2.77E-09	8.07E-10
2861	490161.89, 3859551.83	8.90E-06	2.81E-09	8.17E-10	8.79E-06	2.77E-09	8.07E-10	8.53E-06	2.69E-09	7.83E-10
2862	490171.89, 3859551.83	8.91E-06	2.81E-09	8.18E-10	8.79E-06	2.77E-09	8.07E-10	8.53E-06	2.69E-09	7.84E-10
2863	489799.72, 3859348.21	1.65E-05	5.22E-09	1.52E-09	1.63E-05	5.15E-09	1.50E-09	1.58E-05	5.00E-09	1.45E-09
2864	489819.72, 3859348.21	1.64E-05	5.16E-09	1.50E-09	1.61E-05	5.09E-09	1.48E-09	1.57E-05	4.95E-09	1.44E-09
2865	489799.72, 3859368.21	1.60E-05	5.05E-09	1.47E-09	1.58E-05	4.99E-09	1.45E-09	1.53E-05	4.84E-09	1.41E-09
2866	489819.72, 3859368.21	1.57E-05	4.96E-09	1.44E-09	1.55E-05	4.90E-09	1.42E-09	1.51E-05	4.75E-09	1.38E-09
2867	489775.41, 3859329.72	1.74E-05	5.49E-09	1.60E-09	1.72E-05	5.42E-09	1.58E-09	1.67E-05	5.26E-09	1.53E-09
2868	489795.41, 3859329.72	1.72E-05	5.43E-09	1.58E-09	1.70E-05	5.36E-09	1.56E-09	1.65E-05	5.20E-09	1.51E-09
2869	489775.41, 3859349.72	1.69E-05	5.32E-09	1.55E-09	1.66E-05	5.25E-09	1.53E-09	1.62E-05	5.10E-09	1.48E-09
2870	489795.41, 3859349.72	1.66E-05	5.22E-09	1.52E-09	1.63E-05	5.16E-09	1.50E-09	1.59E-05	5.01E-09	1.46E-09
2871	489595.05, 3859219.43	2.45E-05	7.72E-09	2.25E-09	2.42E-05	7.62E-09	2.22E-09	2.35E-05	7.40E-09	2.15E-09
2872	489615.05, 3859219.43	2.38E-05	7.52E-09	2.19E-09	2.35E-05	7.42E-09	2.16E-09	2.28E-05	7.20E-09	2.10E-09
2873	489595.05, 3859239.43	2.41E-05	7.59E-09	2.21E-09	2.37E-05	7.49E-09	2.18E-09	2.30E-05	7.27E-09	2.12E-09
2874	489615.05, 3859239.43	2.33E-05	7.36E-09	2.14E-09	2.30E-05	7.26E-09	2.11E-09	2.24E-05	7.05E-09	2.05E-09
2875	489372.4, 3859092.58	4.63E-05	1.46E-08	4.25E-09	4.57E-05	1.44E-08	4.19E-09	4.44E-05	1.40E-08	4.07E-09
2876	489422.4, 3859092.58	3.93E-05	1.24E-08	3.61E-09	3.88E-05	1.23E-08	3.56E-09	3.77E-05	1.19E-08	3.46E-09
2877	489372.4, 3859142.58	4.45E-05	1.41E-08	4.09E-09	4.40E-05	1.39E-08	4.04E-09	4.27E-05	1.35E-08	3.92E-09
2878	489422.4, 3859142.58	3.76E-05	1.19E-08	3.45E-09	3.71E-05	1.17E-08	3.41E-09	3.60E-05	1.14E-08	3.31E-09
2879	488870.84, 3858666.64	5.30E-05	1.67E-08	4.86E-09	5.23E-05	1.65E-08	4.80E-09	5.08E-05	1.60E-08	4.66E-09
2880	488900.84, 3858666.64	7.68E-05	2.42E-08	7.05E-09	7.58E-05	2.39E-08	6.96E-09	7.36E-05	2.32E-08	6.76E-09
2881	488870.84, 3858696.64	4.08E-05	1.29E-08	3.75E-09	4.03E-05	1.27E-08	3.70E-09	3.91E-05	1.23E-08	3.59E-09
2882	488900.84, 3858696.64	5.20E-05	1.64E-08	4.78E-09	5.14E-05	1.62E-08	4.71E-09	4.99E-05	1.57E-08	4.58E-09
2883	488889.67, 3858683.97	5.33E-05	1.68E-08	4.89E-09	5.26E-05	1.66E-08	4.83E-09	5.11E-05	1.61E-08	4.69E-09
2884	488919.67, 3858683.97	7.67E-05	2.42E-08	7.04E-09	7.57E-05	2.39E-08	6.95E-09	7.35E-05	2.32E-08	6.75E-09
2885	488889.67, 3858713.97	4.11E-05	1.30E-08	3.77E-09	4.05E-05	1.28E-08	3.72E-09	3.94E-05	1.24E-08	3.61E-09
2886	488919.67, 3858713.97	5.23E-05	1.65E-08	4.80E-09	5.16E-05	1.63E-08	4.74E-09	5.01E-05	1.58E-08	4.60E-09
2887	488906.61, 3858703.33	5.13E-05	1.62E-08	4.71E-09	5.07E-05	1.60E-08	4.65E-09	4.92E-05	1.55E-08	4.52E-09
2888	488936.61, 3858703.33	7.27E-05	2.30E-08	6.68E-09	7.18E-05	2.27E-08	6.59E-09	6.97E-05	2.20E-08	6.40E-09
2889	488906.61, 3858733.33	4.05E-05	1.28E-08	3.72E-09	4.00E-05	1.26E-08	3.67E-09	3.88E-05	1.23E-08	3.56E-09
2890	488936.61, 3858733.33	5.10E-05	1.61E-08	4.68E-09	5.03E-05	1.59E-08	4.62E-09	4.88E-05	1.54E-08	4.48E-09
2891	488637.63, 3858467.85	4.41E-05	1.39E-08	4.05E-09	4.35E-05	1.37E-08	3.99E-09	4.23E-05	1.33E-08	3.88E-09
2892	488662.63, 3858467.85	5.56E-05	1.76E-08	5.11E-09	5.49E-05	1.73E-08	5.04E-09	5.33E-05	1.68E-08	4.89E-09
2893	488637.63, 3858492.85	3.60E-05	1.14E-08	3.31E-09	3.56E-05	1.12E-08	3.26E-09	3.45E-05	1.09E-08	3.17E-09
2894	488662.63, 3858492.85	4.30E-05	1.36E-08	3.95E-09	4.24E-05	1.34E-08	3.89E-09	4.12E-05	1.30E-08	3.78E-09

2895	488687.63, 3858492.85	5.43E-05	1.71E-08	4.99E-09	5.36E-05	1.69E-08	4.92E-09	5.20E-05	1.64E-08	4.78E-09
2896	488637.63, 3858517.85	3.06E-05	9.65E-09	2.81E-09	3.02E-05	9.53E-09	2.77E-09	2.93E-05	9.25E-09	2.69E-09
2897	488662.63, 3858517.85	3.53E-05	1.11E-08	3.24E-09	3.48E-05	1.10E-08	3.20E-09	3.38E-05	1.07E-08	3.11E-09
2898	488687.63, 3858517.85	4.20E-05	1.32E-08	3.85E-09	4.14E-05	1.31E-08	3.80E-09	4.02E-05	1.27E-08	3.69E-09
2899	488194.42, 3857168.98	1.72E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.19E-10	1.51E-10
2900	488244.42, 3857168.98	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
2901	488294.42, 3857168.98	1.76E-06	5.57E-10	1.62E-10	1.74E-06	5.49E-10	1.60E-10	1.69E-06	5.34E-10	1.55E-10
2902	488244.42, 3857218.98	1.82E-06	5.76E-10	1.67E-10	1.80E-06	5.68E-10	1.65E-10	1.75E-06	5.52E-10	1.60E-10
2903	488294.42, 3857218.98	1.85E-06	5.83E-10	1.70E-10	1.82E-06	5.76E-10	1.68E-10	1.77E-06	5.59E-10	1.63E-10
2904	488294.42, 3857268.98	1.95E-06	6.14E-10	1.79E-10	1.92E-06	6.06E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
2905	488139.13, 3857111.68	1.61E-06	5.07E-10	1.47E-10	1.59E-06	5.00E-10	1.46E-10	1.54E-06	4.86E-10	1.41E-10
2906	488189.13, 3857111.68	1.64E-06	5.17E-10	1.50E-10	1.62E-06	5.10E-10	1.48E-10	1.57E-06	4.96E-10	1.44E-10
2907	488189.13, 3857161.68	1.70E-06	5.37E-10	1.56E-10	1.68E-06	5.30E-10	1.54E-10	1.63E-06	5.15E-10	1.50E-10
2908	487951.04, 3856961.26	1.35E-06	4.26E-10	1.24E-10	1.33E-06	4.21E-10	1.22E-10	1.29E-06	4.08E-10	1.19E-10
2909	488001.04, 3856961.26	1.37E-06	4.33E-10	1.26E-10	1.35E-06	4.27E-10	1.24E-10	1.31E-06	4.15E-10	1.21E-10
2910	488051.04, 3856961.26	1.38E-06	4.37E-10	1.27E-10	1.37E-06	4.31E-10	1.25E-10	1.33E-06	4.18E-10	1.22E-10
2911	488101.04, 3856961.26	1.41E-06	4.46E-10	1.30E-10	1.40E-06	4.41E-10	1.28E-10	1.36E-06	4.28E-10	1.24E-10
2912	487951.04, 3857011.26	1.41E-06	4.45E-10	1.29E-10	1.39E-06	4.39E-10	1.28E-10	1.35E-06	4.26E-10	1.24E-10
2913	488001.04, 3857011.26	1.42E-06	4.49E-10	1.30E-10	1.40E-06	4.43E-10	1.29E-10	1.36E-06	4.30E-10	1.25E-10
2914	488051.04, 3857011.26	1.44E-06	4.53E-10	1.32E-10	1.42E-06	4.47E-10	1.30E-10	1.38E-06	4.34E-10	1.26E-10
2915	488101.04, 3857011.26	1.47E-06	4.64E-10	1.35E-10	1.45E-06	4.58E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
2916	488001.04, 3857061.26	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.61E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
2917	488051.04, 3857061.26	1.50E-06	4.74E-10	1.38E-10	1.48E-06	4.68E-10	1.36E-10	1.44E-06	4.55E-10	1.32E-10
2918	488101.04, 3857061.26	1.53E-06	4.83E-10	1.40E-10	1.51E-06	4.77E-10	1.39E-10	1.47E-06	4.63E-10	1.35E-10
2919	487638.98, 3856673.79	1.00E-06	3.16E-10	9.20E-11	9.89E-07	3.12E-10	9.08E-11	9.61E-07	3.03E-10	8.82E-11
2920	487688.98, 3856673.79	1.01E-06	3.20E-10	9.31E-11	1.00E-06	3.16E-10	9.19E-11	9.72E-07	3.07E-10	8.93E-11
2921	487638.98, 3856723.79	1.04E-06	3.29E-10	9.56E-11	1.03E-06	3.25E-10	9.44E-11	9.99E-07	3.15E-10	9.17E-11
2922	487688.98, 3856723.79	1.05E-06	3.32E-10	9.67E-11	1.04E-06	3.28E-10	9.54E-11	1.01E-06	3.19E-10	9.27E-11
2923	486324.61, 3855740.57	4.84E-07	1.53E-10	4.44E-11	4.78E-07	1.51E-10	4.38E-11	4.64E-07	1.46E-10	4.26E-11
2924	486374.61, 3855740.57	4.69E-07	1.48E-10	4.30E-11	4.63E-07	1.46E-10	4.25E-11	4.49E-07	1.42E-10	4.13E-11
2925	486424.61, 3855740.57	4.62E-07	1.46E-10	4.24E-11	4.56E-07	1.44E-10	4.19E-11	4.43E-07	1.40E-10	4.07E-11
2926	486324.61, 3855790.57	4.99E-07	1.57E-10	4.58E-11	4.92E-07	1.55E-10	4.52E-11	4.78E-07	1.51E-10	4.39E-11
2927	486374.61, 3855790.57	4.86E-07	1.53E-10	4.46E-11	4.79E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.27E-11
2928	486424.61, 3855790.57	4.83E-07	1.52E-10	4.43E-11	4.77E-07	1.50E-10	4.38E-11	4.63E-07	1.46E-10	4.25E-11
2929	486324.61, 3855840.57	5.12E-07	1.62E-10	4.70E-11	5.06E-07	1.60E-10	4.64E-11	4.91E-07	1.55E-10	4.51E-11
2930	486374.61, 3855840.57	5.10E-07	1.61E-10	4.68E-11	5.03E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
2931	486424.61, 3855840.57	5.04E-07	1.59E-10	4.63E-11	4.98E-07	1.57E-10	4.57E-11	4.83E-07	1.52E-10	4.44E-11
2932	486324.61, 3855890.57	5.35E-07	1.69E-10	4.91E-11	5.28E-07	1.67E-10	4.85E-11	5.13E-07	1.62E-10	4.71E-11
2933	486374.61, 3855890.57	5.32E-07	1.68E-10	4.89E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
2934	486424.61, 3855890.57	5.26E-07	1.66E-10	4.83E-11	5.19E-07	1.64E-10	4.76E-11	5.04E-07	1.59E-10	4.63E-11
2935	488735.69, 3858285.64	4.79E-05	1.51E-08	4.40E-09	4.73E-05	1.49E-08	4.34E-09	4.60E-05	1.45E-08	4.22E-09
2936	488765.69, 3858285.64	4.37E-05	1.38E-08	4.02E-09	4.32E-05	1.36E-08	3.96E-09	4.19E-05	1.32E-08	3.85E-09
2937	488735.69, 3858315.64	5.36E-05	1.69E-08	4.92E-09	5.29E-05	1.67E-08	4.86E-09	5.14E-05	1.62E-08	4.72E-09
2938	488765.69, 3858315.64	4.83E-05	1.52E-08	4.43E-09	4.77E-05	1.50E-08	4.37E-09	4.63E-05	1.46E-08	4.25E-09
2939	478676.63, 3849871.93	8.55E-08	2.70E-11	7.85E-12	8.44E-08	2.66E-11	7.75E-12	8.19E-08	2.59E-11	7.52E-12
2940	479326.63, 3849871.93	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
2941	479376.63, 3849871.93	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
2942	479426.63, 3849871.93	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
2943	478726.63, 3849921.93	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
2944	478776.63, 3849921.93	8.67E-08	2.74E-11	7.96E-12	8.55E-08	2.70E-11	7.85E-12	8.31E-08	2.62E-11	7.63E-12
2945	478826.63, 3849921.93	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
2946	478976.63, 3849921.93	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
2947	479026.63, 3849921.93	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
2948	479076.63, 3849921.93	8.80E-08	2.78E-11	8.08E-12	8.68E-08	2.74E-11	7.97E-12	8.43E-08	2.66E-11	7.74E-12
2949	479126.63, 3849921.93	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
2950	479176.63, 3849921.93	8.85E-08	2.79E-11	8.12E-12	8.73E-08	2.76E-11	8.02E-12	8.48E-08	2.68E-11	7.79E-12
2951	479226.63, 3849921.93	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
2952	479276.63, 3849921.93	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
2953	479326.63, 3849921.93	8.89E-08	2.81E-11	8.16E-12	8.77E-08	2.77E-11	8.05E-12	8.52E-08	2.69E-11	7.82E-12
2954	479376.63, 3849921.93	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
2955	479426.63, 3849921.93	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
2956	478726.63, 3849971.93	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
2957	478776.63, 3849971.93	8.75E-08	2.76E-11	8.03E-12	8.63E-08	2.72E-11	7.92E-12	8.38E-08	2.65E-11	7.69E-12
2958	478826.63, 3849971.93	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
2959	478976.63, 3849971.93	8.85E-08	2.79E-11	8.12E-12	8.73E-08	2.76E-11	8.02E-12	8.48E-08	2.68E-11	7.79E-12
2960	479026.63, 3849971.93	8.86E-08	2.80E-11	8.14E-12	8.75E-08	2.76E-11	8.03E-12	8.49E-08	2.68E-11	7.80E-12
2961	479076.63, 3849971.93	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
2962	479126.63, 3849971.93	8.90E-08	2.81E-11	8.17E-12	8.79E-08	2.77E-11	8.07E-12	8.53E-08	2.69E-11	7.83E-12
2963	479176.63, 3849971.93	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12

2964	479226.63, 3849971.93	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
2965	479276.63, 3849971.93	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
2966	479326.63, 3849971.93	9.04E-08	2.85E-11	8.30E-12	8.93E-08	2.82E-11	8.19E-12	8.67E-08	2.74E-11	7.96E-12
2967	479376.63, 3849971.93	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
2968	479426.63, 3849971.93	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
2969	478726.63, 3850021.93	8.80E-08	2.78E-11	8.08E-12	8.68E-08	2.74E-11	7.97E-12	8.43E-08	2.66E-11	7.74E-12
2970	478776.63, 3850021.93	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
2971	478826.63, 3850021.93	8.84E-08	2.79E-11	8.11E-12	8.72E-08	2.75E-11	8.01E-12	8.47E-08	2.67E-11	7.77E-12
2972	478976.63, 3850021.93	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
2973	478726.63, 3850071.93	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
2974	478776.63, 3850071.93	8.89E-08	2.81E-11	8.16E-12	8.77E-08	2.77E-11	8.05E-12	8.52E-08	2.69E-11	7.82E-12
2975	478826.63, 3850071.93	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
2976	478876.63, 3850071.93	8.94E-08	2.82E-11	8.21E-12	8.82E-08	2.78E-11	8.10E-12	8.57E-08	2.70E-11	7.87E-12
2977	478976.63, 3850071.93	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
2978	478726.63, 3850121.93	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
2979	478776.63, 3850121.93	8.98E-08	2.83E-11	8.24E-12	8.86E-08	2.80E-11	8.14E-12	8.61E-08	2.72E-11	7.90E-12
2980	478826.63, 3850121.93	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
2981	478876.63, 3850121.93	9.02E-08	2.85E-11	8.28E-12	8.90E-08	2.81E-11	8.17E-12	8.64E-08	2.73E-11	7.93E-12
2982	478976.63, 3850121.93	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
2983	479026.63, 3850121.93	9.12E-08	2.88E-11	8.37E-12	9.00E-08	2.84E-11	8.27E-12	8.74E-08	2.76E-11	8.03E-12
2984	479076.63, 3850121.93	9.14E-08	2.88E-11	8.39E-12	9.02E-08	2.85E-11	8.28E-12	8.76E-08	2.76E-11	8.04E-12
2985	479126.63, 3850121.93	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12
2986	478776.63, 3850171.93	9.06E-08	2.86E-11	8.31E-12	8.94E-08	2.82E-11	8.21E-12	8.68E-08	2.74E-11	7.97E-12
2987	478826.63, 3850171.93	9.07E-08	2.86E-11	8.33E-12	8.95E-08	2.83E-11	8.22E-12	8.69E-08	2.74E-11	7.98E-12
2988	478876.63, 3850171.93	9.10E-08	2.87E-11	8.35E-12	8.98E-08	2.83E-11	8.24E-12	8.72E-08	2.75E-11	8.00E-12
2989	478976.63, 3850171.93	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12
2990	479026.63, 3850171.93	9.20E-08	2.90E-11	8.45E-12	9.08E-08	2.87E-11	8.34E-12	8.82E-08	2.78E-11	8.10E-12
2991	479076.63, 3850171.93	9.23E-08	2.91E-11	8.47E-12	9.11E-08	2.87E-11	8.36E-12	8.84E-08	2.79E-11	8.12E-12
2992	479126.63, 3850171.93	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
2993	479176.63, 3850171.93	9.29E-08	2.93E-11	8.53E-12	9.17E-08	2.89E-11	8.42E-12	8.91E-08	2.81E-11	8.18E-12
2994	479226.63, 3850171.93	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
2995	479276.63, 3850171.93	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
2996	479326.63, 3850171.93	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
2997	479376.63, 3850171.93	9.49E-08	2.99E-11	8.71E-12	9.36E-08	2.96E-11	8.60E-12	9.09E-08	2.87E-11	8.35E-12
2998	478676.63, 3850221.93	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
2999	478726.63, 3850221.93	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
3000	478976.63, 3850221.93	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
3001	479026.63, 3850221.93	9.29E-08	2.93E-11	8.53E-12	9.17E-08	2.89E-11	8.42E-12	8.91E-08	2.81E-11	8.18E-12
3002	479076.63, 3850221.93	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
3003	479126.63, 3850221.93	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
3004	479176.63, 3850221.93	9.41E-08	2.97E-11	8.64E-12	9.29E-08	2.93E-11	8.52E-12	9.02E-08	2.85E-11	8.28E-12
3005	479226.63, 3850221.93	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
3006	479276.63, 3850221.93	9.53E-08	3.01E-11	8.75E-12	9.40E-08	2.97E-11	8.63E-12	9.13E-08	2.88E-11	8.38E-12
3007	479326.63, 3850221.93	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
3008	479376.63, 3850221.93	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3009	478676.63, 3850271.93	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12
3010	478726.63, 3850271.93	9.19E-08	2.90E-11	8.43E-12	9.07E-08	2.86E-11	8.32E-12	8.81E-08	2.78E-11	8.08E-12
3011	478976.63, 3850271.93	9.33E-08	2.94E-11	8.57E-12	9.21E-08	2.91E-11	8.45E-12	8.94E-08	2.82E-11	8.21E-12
3012	479026.63, 3850271.93	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
3013	479076.63, 3850271.93	9.41E-08	2.97E-11	8.64E-12	9.29E-08	2.93E-11	8.52E-12	9.02E-08	2.85E-11	8.28E-12
3014	479126.63, 3850271.93	9.43E-08	2.98E-11	8.66E-12	9.31E-08	2.94E-11	8.55E-12	9.04E-08	2.85E-11	8.30E-12
3015	479176.63, 3850271.93	9.49E-08	2.99E-11	8.71E-12	9.36E-08	2.96E-11	8.60E-12	9.09E-08	2.87E-11	8.35E-12
3016	479226.63, 3850271.93	9.54E-08	3.01E-11	8.76E-12	9.41E-08	2.97E-11	8.64E-12	9.14E-08	2.89E-11	8.39E-12
3017	479276.63, 3850271.93	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3018	479326.63, 3850271.93	9.60E-08	3.03E-11	8.82E-12	9.48E-08	2.99E-11	8.70E-12	9.20E-08	2.91E-11	8.45E-12
3019	479376.63, 3850271.93	9.62E-08	3.04E-11	8.83E-12	9.49E-08	3.00E-11	8.71E-12	9.22E-08	2.91E-11	8.46E-12
3020	479053.24, 3850293.52	9.42E-08	2.97E-11	8.65E-12	9.30E-08	2.93E-11	8.54E-12	9.03E-08	2.85E-11	8.29E-12
3021	479103.24, 3850293.52	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
3022	479153.24, 3850293.52	9.50E-08	3.00E-11	8.72E-12	9.38E-08	2.96E-11	8.61E-12	9.10E-08	2.87E-11	8.36E-12
3023	479203.24, 3850293.52	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
3024	479253.24, 3850293.52	9.59E-08	3.03E-11	8.80E-12	9.47E-08	2.99E-11	8.69E-12	9.19E-08	2.90E-11	8.44E-12
3025	479303.24, 3850293.52	9.62E-08	3.04E-11	8.83E-12	9.49E-08	3.00E-11	8.71E-12	9.22E-08	2.91E-11	8.46E-12
3026	479353.24, 3850293.52	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
3027	479153.24, 3850343.52	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3028	479203.24, 3850343.52	9.62E-08	3.04E-11	8.83E-12	9.49E-08	3.00E-11	8.71E-12	9.22E-08	2.91E-11	8.46E-12
3029	479253.24, 3850343.52	9.66E-08	3.05E-11	8.86E-12	9.53E-08	3.01E-11	8.75E-12	9.25E-08	2.92E-11	8.50E-12
3030	479303.24, 3850343.52	9.67E-08	3.05E-11	8.88E-12	9.54E-08	3.01E-11	8.76E-12	9.27E-08	2.92E-11	8.51E-12
3031	479353.24, 3850343.52	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
3032	479203.24, 3850393.52	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12

3033	479253.24, 3850393.52	9.72E-08	3.07E-11	8.92E-12	9.59E-08	3.03E-11	8.81E-12	9.32E-08	2.94E-11	8.55E-12
3034	479303.24, 3850393.52	9.73E-08	3.07E-11	8.94E-12	9.61E-08	3.03E-11	8.82E-12	9.33E-08	2.94E-11	8.56E-12
3035	479353.24, 3850393.52	9.76E-08	3.08E-11	8.96E-12	9.63E-08	3.04E-11	8.84E-12	9.35E-08	2.95E-11	8.59E-12
3036	479403.24, 3850393.52	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
3037	479453.24, 3850393.52	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
3038	479503.24, 3850393.52	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
3039	479303.24, 3850443.52	9.80E-08	3.09E-11	9.00E-12	9.67E-08	3.05E-11	8.88E-12	9.39E-08	2.96E-11	8.62E-12
3040	479353.24, 3850443.52	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3041	479403.24, 3850443.52	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3042	479453.24, 3850443.52	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
3043	479503.24, 3850443.52	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
3044	480327.18, 3850987.04	1.15E-07	3.64E-11	1.06E-11	1.14E-07	3.60E-11	1.05E-11	1.11E-07	3.49E-11	1.02E-11
3045	480377.18, 3850987.04	1.16E-07	3.67E-11	1.07E-11	1.15E-07	3.62E-11	1.05E-11	1.11E-07	3.52E-11	1.02E-11
3046	480427.18, 3850987.04	1.17E-07	3.69E-11	1.07E-11	1.15E-07	3.64E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
3047	480477.18, 3850987.04	1.18E-07	3.71E-11	1.08E-11	1.16E-07	3.66E-11	1.06E-11	1.13E-07	3.55E-11	1.03E-11
3048	480327.18, 3851037.04	1.16E-07	3.66E-11	1.06E-11	1.14E-07	3.61E-11	1.05E-11	1.11E-07	3.51E-11	1.02E-11
3049	480377.18, 3851037.04	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
3050	480427.18, 3851037.04	1.17E-07	3.70E-11	1.08E-11	1.16E-07	3.65E-11	1.06E-11	1.12E-07	3.55E-11	1.03E-11
3051	480477.18, 3851037.04	1.18E-07	3.73E-11	1.08E-11	1.16E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3052	480622.06, 3851087.39	1.21E-07	3.82E-11	1.11E-11	1.19E-07	3.77E-11	1.10E-11	1.16E-07	3.66E-11	1.06E-11
3053	480672.06, 3851087.39	1.22E-07	3.86E-11	1.12E-11	1.21E-07	3.81E-11	1.11E-11	1.17E-07	3.70E-11	1.08E-11
3054	480622.06, 3851137.39	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.16E-07	3.68E-11	1.07E-11
3055	480672.06, 3851137.39	1.23E-07	3.87E-11	1.13E-11	1.21E-07	3.82E-11	1.11E-11	1.17E-07	3.71E-11	1.08E-11
3056	480722.06, 3851137.39	1.24E-07	3.91E-11	1.14E-11	1.22E-07	3.86E-11	1.12E-11	1.19E-07	3.74E-11	1.09E-11
3057	480622.06, 3851187.39	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.11E-11	1.17E-07	3.69E-11	1.07E-11
3058	480672.06, 3851187.39	1.23E-07	3.89E-11	1.13E-11	1.22E-07	3.83E-11	1.12E-11	1.18E-07	3.72E-11	1.08E-11
3059	480722.06, 3851187.39	1.24E-07	3.92E-11	1.14E-11	1.23E-07	3.87E-11	1.13E-11	1.19E-07	3.76E-11	1.09E-11
3060	471363.09, 3845877.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3061	471863.09, 3845877.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3062	472363.09, 3845877.25	3.55E-08	1.12E-11	3.26E-12	3.51E-08	1.11E-11	3.22E-12	3.40E-08	1.07E-11	3.13E-12
3063	472863.09, 3845877.25	3.14E-08	9.90E-12	2.88E-12	3.10E-08	9.77E-12	2.84E-12	3.01E-08	9.49E-12	2.76E-12
3064	473363.09, 3845877.25	3.18E-08	1.00E-11	2.92E-12	3.13E-08	9.89E-12	2.88E-12	3.04E-08	9.60E-12	2.79E-12
3065	473863.09, 3845877.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3066	474363.09, 3845877.25	3.57E-08	1.13E-11	3.27E-12	3.52E-08	1.11E-11	3.23E-12	3.42E-08	1.08E-11	3.14E-12
3067	474863.09, 3845877.25	3.77E-08	1.19E-11	3.46E-12	3.72E-08	1.18E-11	3.42E-12	3.62E-08	1.14E-11	3.32E-12
3068	475363.09, 3845877.25	4.10E-08	1.29E-11	3.76E-12	4.05E-08	1.28E-11	3.71E-12	3.93E-08	1.24E-11	3.61E-12
3069	475863.09, 3845877.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3070	476363.09, 3845877.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3071	476863.09, 3845877.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3072	477363.09, 3845877.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3073	477863.09, 3845877.25	4.01E-08	1.27E-11	3.68E-12	3.96E-08	1.25E-11	3.63E-12	3.84E-08	1.21E-11	3.53E-12
3074	478363.09, 3845877.25	3.66E-08	1.15E-11	3.36E-12	3.61E-08	1.14E-11	3.31E-12	3.50E-08	1.11E-11	3.22E-12
3075	478863.09, 3845877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3076	479363.09, 3845877.25	3.66E-08	1.15E-11	3.36E-12	3.61E-08	1.14E-11	3.31E-12	3.50E-08	1.11E-11	3.22E-12
3077	479863.09, 3845877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3078	480363.09, 3845877.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3079	480863.09, 3845877.25	2.82E-08	8.91E-12	2.59E-12	2.79E-08	8.80E-12	2.56E-12	2.71E-08	8.54E-12	2.48E-12
3080	481363.09, 3845877.25	2.59E-08	8.17E-12	2.38E-12	2.56E-08	8.07E-12	2.35E-12	2.48E-08	7.83E-12	2.28E-12
3081	481863.09, 3845877.25	2.33E-08	7.35E-12	2.14E-12	2.30E-08	7.26E-12	2.11E-12	2.23E-08	7.05E-12	2.05E-12
3082	482363.09, 3845877.25	2.06E-08	6.49E-12	1.89E-12	2.03E-08	6.40E-12	1.86E-12	1.97E-08	6.22E-12	1.81E-12
3083	482863.09, 3845877.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3084	483363.09, 3845877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3085	483863.09, 3845877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3086	484363.09, 3845877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3087	484863.09, 3845877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3088	485363.09, 3845877.25	1.54E-08	4.85E-12	1.41E-12	1.52E-08	4.78E-12	1.39E-12	1.47E-08	4.64E-12	1.35E-12
3089	485863.09, 3845877.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3090	486363.09, 3845877.25	1.50E-08	4.72E-12	1.37E-12	1.48E-08	4.66E-12	1.36E-12	1.43E-08	4.53E-12	1.32E-12
3091	486863.09, 3845877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3092	487363.09, 3845877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3093	487863.09, 3845877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3094	488363.09, 3845877.25	1.26E-08	3.98E-12	1.16E-12	1.25E-08	3.93E-12	1.14E-12	1.21E-08	3.82E-12	1.11E-12
3095	488863.09, 3845877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3096	489363.09, 3845877.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3097	489863.09, 3845877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3098	490363.09, 3845877.25	1.18E-08	3.74E-12	1.09E-12	1.17E-08	3.69E-12	1.07E-12	1.13E-08	3.58E-12	1.04E-12
3099	490863.09, 3845877.25	1.00E-08	3.16E-12	9.20E-13	9.89E-09	3.12E-12	9.08E-13	9.60E-09	3.03E-12	8.82E-13
3100	491363.09, 3845877.25	1.04E-08	3.29E-12	9.56E-13	1.03E-08	3.24E-12	9.43E-13	9.98E-09	3.15E-12	9.16E-13
3101	491863.09, 3845877.25	1.07E-08	3.37E-12	9.80E-13	1.05E-08	3.32E-12	9.67E-13	1.02E-08	3.23E-12	9.39E-13

3102	492363.09, 3845877.25	9.89E-09	3.12E-12	9.08E-13	9.76E-09	3.08E-12	8.96E-13	9.48E-09	2.99E-12	8.70E-13
3103	492863.09, 3845877.25	1.11E-08	3.49E-12	1.02E-12	1.09E-08	3.45E-12	1.00E-12	1.06E-08	3.35E-12	9.73E-13
3104	493363.09, 3845877.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3105	493863.09, 3845877.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3106	494363.09, 3845877.25	1.18E-08	3.74E-12	1.09E-12	1.17E-08	3.69E-12	1.07E-12	1.13E-08	3.58E-12	1.04E-12
3107	494863.09, 3845877.25	1.22E-08	3.86E-12	1.12E-12	1.21E-08	3.81E-12	1.11E-12	1.17E-08	3.70E-12	1.08E-12
3108	495363.09, 3845877.25	1.24E-08	3.90E-12	1.13E-12	1.22E-08	3.85E-12	1.12E-12	1.18E-08	3.74E-12	1.09E-12
3109	495863.09, 3845877.25	1.25E-08	3.94E-12	1.15E-12	1.23E-08	3.89E-12	1.13E-12	1.20E-08	3.78E-12	1.10E-12
3110	496363.09, 3845877.25	1.28E-08	4.03E-12	1.17E-12	1.26E-08	3.97E-12	1.16E-12	1.22E-08	3.86E-12	1.12E-12
3111	496863.09, 3845877.25	1.24E-08	3.90E-12	1.13E-12	1.22E-08	3.85E-12	1.12E-12	1.18E-08	3.74E-12	1.09E-12
3112	497363.09, 3845877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3113	497863.09, 3845877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3114	498363.09, 3845877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3115	471363.09, 3846377.25	4.80E-08	1.52E-11	4.41E-12	4.74E-08	1.50E-11	4.35E-12	4.60E-08	1.45E-11	4.23E-12
3116	471863.09, 3846377.25	4.52E-08	1.43E-11	4.15E-12	4.46E-08	1.41E-11	4.09E-12	4.33E-08	1.37E-11	3.97E-12
3117	472363.09, 3846377.25	3.47E-08	1.10E-11	3.19E-12	3.43E-08	1.08E-11	3.15E-12	3.33E-08	1.05E-11	3.06E-12
3118	472863.09, 3846377.25	3.55E-08	1.12E-11	3.26E-12	3.51E-08	1.11E-11	3.22E-12	3.40E-08	1.07E-11	3.13E-12
3119	473363.09, 3846377.25	3.59E-08	1.13E-11	3.30E-12	3.54E-08	1.12E-11	3.25E-12	3.44E-08	1.09E-11	3.16E-12
3120	473863.09, 3846377.25	3.72E-08	1.17E-11	3.42E-12	3.67E-08	1.16E-11	3.37E-12	3.57E-08	1.13E-11	3.27E-12
3121	474363.09, 3846377.25	3.81E-08	1.20E-11	3.50E-12	3.76E-08	1.19E-11	3.45E-12	3.65E-08	1.15E-11	3.35E-12
3122	474863.09, 3846377.25	4.07E-08	1.29E-11	3.74E-12	4.02E-08	1.27E-11	3.69E-12	3.90E-08	1.23E-11	3.58E-12
3123	475363.09, 3846377.25	4.24E-08	1.34E-11	3.89E-12	4.19E-08	1.32E-11	3.84E-12	4.07E-08	1.28E-11	3.73E-12
3124	475863.09, 3846377.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12
3125	476363.09, 3846377.25	4.80E-08	1.52E-11	4.41E-12	4.74E-08	1.50E-11	4.35E-12	4.60E-08	1.45E-11	4.23E-12
3126	476863.09, 3846377.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3127	477363.09, 3846377.25	4.67E-08	1.47E-11	4.29E-12	4.61E-08	1.46E-11	4.23E-12	4.48E-08	1.41E-11	4.11E-12
3128	477863.09, 3846377.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
3129	478363.09, 3846377.25	4.29E-08	1.36E-11	3.94E-12	4.24E-08	1.34E-11	3.89E-12	4.12E-08	1.30E-11	3.78E-12
3130	478863.09, 3846377.25	4.05E-08	1.28E-11	3.72E-12	3.99E-08	1.26E-11	3.67E-12	3.88E-08	1.22E-11	3.56E-12
3131	479363.09, 3846377.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3132	479863.09, 3846377.25	3.88E-08	1.22E-11	3.56E-12	3.83E-08	1.21E-11	3.51E-12	3.72E-08	1.17E-11	3.41E-12
3133	480363.09, 3846377.25	3.75E-08	1.18E-11	3.44E-12	3.70E-08	1.17E-11	3.40E-12	3.59E-08	1.13E-11	3.30E-12
3134	480863.09, 3846377.25	3.18E-08	1.00E-11	2.92E-12	3.13E-08	9.89E-12	2.88E-12	3.04E-08	9.60E-12	2.79E-12
3135	481363.09, 3846377.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12
3136	481863.09, 3846377.25	2.75E-08	8.67E-12	2.52E-12	2.71E-08	8.55E-12	2.49E-12	2.63E-08	8.31E-12	2.42E-12
3137	482363.09, 3846377.25	2.38E-08	7.52E-12	2.19E-12	2.35E-08	7.42E-12	2.16E-12	2.28E-08	7.20E-12	2.10E-12
3138	482863.09, 3846377.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3139	483363.09, 3846377.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3140	483863.09, 3846377.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3141	484363.09, 3846377.25	1.72E-08	5.42E-12	1.58E-12	1.70E-08	5.35E-12	1.56E-12	1.65E-08	5.20E-12	1.51E-12
3142	484863.09, 3846377.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3143	485363.09, 3846377.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3144	485863.09, 3846377.25	1.69E-08	5.34E-12	1.55E-12	1.67E-08	5.27E-12	1.53E-12	1.62E-08	5.12E-12	1.49E-12
3145	486363.09, 3846377.25	1.50E-08	4.72E-12	1.37E-12	1.48E-08	4.66E-12	1.36E-12	1.43E-08	4.53E-12	1.32E-12
3146	486863.09, 3846377.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3147	487363.09, 3846377.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3148	487863.09, 3846377.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3149	488363.09, 3846377.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3150	488863.09, 3846377.25	1.48E-08	4.68E-12	1.36E-12	1.46E-08	4.62E-12	1.34E-12	1.42E-08	4.49E-12	1.31E-12
3151	489363.09, 3846377.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3152	489863.09, 3846377.25	1.41E-08	4.44E-12	1.29E-12	1.39E-08	4.38E-12	1.27E-12	1.35E-08	4.25E-12	1.24E-12
3153	490363.09, 3846377.25	1.21E-08	3.82E-12	1.11E-12	1.19E-08	3.77E-12	1.10E-12	1.16E-08	3.66E-12	1.06E-12
3154	490863.09, 3846377.25	1.12E-08	3.53E-12	1.03E-12	1.10E-08	3.49E-12	1.01E-12	1.07E-08	3.39E-12	9.85E-13
3155	491363.09, 3846377.25	1.07E-08	3.37E-12	9.80E-13	1.05E-08	3.32E-12	9.67E-13	1.02E-08	3.23E-12	9.39E-13
3156	491863.09, 3846377.25	1.15E-08	3.61E-12	1.05E-12	1.13E-08	3.57E-12	1.04E-12	1.10E-08	3.46E-12	1.01E-12
3157	492363.09, 3846377.25	1.13E-08	3.57E-12	1.04E-12	1.12E-08	3.53E-12	1.03E-12	1.09E-08	3.42E-12	9.96E-13
3158	492863.09, 3846377.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3159	493363.09, 3846377.25	1.22E-08	3.86E-12	1.12E-12	1.21E-08	3.81E-12	1.11E-12	1.17E-08	3.70E-12	1.08E-12
3160	493863.09, 3846377.25	1.21E-08	3.82E-12	1.11E-12	1.19E-08	3.77E-12	1.10E-12	1.16E-08	3.66E-12	1.06E-12
3161	494363.09, 3846377.25	1.26E-08	3.98E-12	1.16E-12	1.25E-08	3.93E-12	1.14E-12	1.21E-08	3.82E-12	1.11E-12
3162	494863.09, 3846377.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3163	495363.09, 3846377.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3164	495863.09, 3846377.25	1.33E-08	4.19E-12	1.22E-12	1.31E-08	4.13E-12	1.20E-12	1.27E-08	4.02E-12	1.17E-12
3165	496363.09, 3846377.25	1.31E-08	4.15E-12	1.21E-12	1.30E-08	4.09E-12	1.19E-12	1.26E-08	3.98E-12	1.16E-12
3166	496863.09, 3846377.25	1.34E-08	4.23E-12	1.23E-12	1.32E-08	4.18E-12	1.21E-12	1.28E-08	4.05E-12	1.18E-12
3167	497363.09, 3846377.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3168	497863.09, 3846377.25	1.48E-08	4.68E-12	1.36E-12	1.46E-08	4.62E-12	1.34E-12	1.42E-08	4.49E-12	1.31E-12
3169	498363.09, 3846377.25	1.51E-08	4.76E-12	1.39E-12	1.49E-08	4.70E-12	1.37E-12	1.45E-08	4.57E-12	1.33E-12
3170	471363.09, 3846877.25	5.01E-08	1.58E-11	4.60E-12	4.94E-08	1.56E-11	4.54E-12	4.80E-08	1.52E-11	4.41E-12

3171	471863.09, 3846877.25	5.13E-08	1.62E-11	4.71E-12	5.06E-08	1.60E-11	4.65E-12	4.91E-08	1.55E-11	4.51E-12
3172	472363.09, 3846877.25	5.04E-08	1.59E-11	4.62E-12	4.97E-08	1.57E-11	4.56E-12	4.83E-08	1.52E-11	4.43E-12
3173	472863.09, 3846877.25	3.67E-08	1.16E-11	3.37E-12	3.62E-08	1.14E-11	3.33E-12	3.52E-08	1.11E-11	3.23E-12
3174	473363.09, 3846877.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3175	473863.09, 3846877.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3176	474363.09, 3846877.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3177	474863.09, 3846877.25	4.22E-08	1.33E-11	3.87E-12	4.16E-08	1.31E-11	3.82E-12	4.04E-08	1.28E-11	3.71E-12
3178	475363.09, 3846877.25	4.29E-08	1.36E-11	3.94E-12	4.24E-08	1.34E-11	3.89E-12	4.12E-08	1.30E-11	3.78E-12
3179	475863.09, 3846877.25	4.63E-08	1.46E-11	4.25E-12	4.57E-08	1.44E-11	4.20E-12	4.44E-08	1.40E-11	4.08E-12
3180	476363.09, 3846877.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3181	476863.09, 3846877.25	5.17E-08	1.63E-11	4.74E-12	5.10E-08	1.61E-11	4.68E-12	4.95E-08	1.56E-11	4.55E-12
3182	477363.09, 3846877.25	5.23E-08	1.65E-11	4.80E-12	5.16E-08	1.63E-11	4.74E-12	5.01E-08	1.58E-11	4.60E-12
3183	477863.09, 3846877.25	4.98E-08	1.57E-11	4.58E-12	4.92E-08	1.55E-11	4.52E-12	4.78E-08	1.51E-11	4.39E-12
3184	478363.09, 3846877.25	5.02E-08	1.59E-11	4.61E-12	4.96E-08	1.56E-11	4.55E-12	4.81E-08	1.52E-11	4.42E-12
3185	478863.09, 3846877.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3186	479363.09, 3846877.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
3187	479863.09, 3846877.25	3.80E-08	1.20E-11	3.49E-12	3.75E-08	1.18E-11	3.44E-12	3.64E-08	1.15E-11	3.34E-12
3188	480363.09, 3846877.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3189	480863.09, 3846877.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3190	481363.09, 3846877.25	3.15E-08	9.94E-12	2.89E-12	3.11E-08	9.81E-12	2.85E-12	3.02E-08	9.53E-12	2.77E-12
3191	481863.09, 3846877.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3192	482363.09, 3846877.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3193	482863.09, 3846877.25	2.42E-08	7.64E-12	2.22E-12	2.39E-08	7.54E-12	2.19E-12	2.32E-08	7.32E-12	2.13E-12
3194	483363.09, 3846877.25	2.24E-08	7.06E-12	2.05E-12	2.21E-08	6.97E-12	2.03E-12	2.15E-08	6.77E-12	1.97E-12
3195	483863.09, 3846877.25	2.10E-08	6.61E-12	1.92E-12	2.07E-08	6.53E-12	1.90E-12	2.01E-08	6.34E-12	1.84E-12
3196	484363.09, 3846877.25	2.11E-08	6.65E-12	1.94E-12	2.08E-08	6.57E-12	1.91E-12	2.02E-08	6.38E-12	1.85E-12
3197	484863.09, 3846877.25	2.06E-08	6.49E-12	1.89E-12	2.03E-08	6.40E-12	1.86E-12	1.97E-08	6.22E-12	1.81E-12
3198	485363.09, 3846877.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3199	485863.09, 3846877.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3200	486363.09, 3846877.25	1.98E-08	6.24E-12	1.82E-12	1.95E-08	6.16E-12	1.79E-12	1.90E-08	5.98E-12	1.74E-12
3201	486863.09, 3846877.25	1.76E-08	5.54E-12	1.61E-12	1.73E-08	5.47E-12	1.59E-12	1.68E-08	5.31E-12	1.55E-12
3202	487363.09, 3846877.25	1.80E-08	5.67E-12	1.65E-12	1.77E-08	5.59E-12	1.63E-12	1.72E-08	5.43E-12	1.58E-12
3203	487863.09, 3846877.25	1.77E-08	5.59E-12	1.62E-12	1.75E-08	5.51E-12	1.60E-12	1.70E-08	5.35E-12	1.56E-12
3204	488363.09, 3846877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3205	488863.09, 3846877.25	1.63E-08	5.13E-12	1.49E-12	1.61E-08	5.07E-12	1.47E-12	1.56E-08	4.92E-12	1.43E-12
3206	489363.09, 3846877.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3207	489863.09, 3846877.25	1.55E-08	4.89E-12	1.42E-12	1.53E-08	4.82E-12	1.40E-12	1.48E-08	4.68E-12	1.36E-12
3208	490363.09, 3846877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3209	490863.09, 3846877.25	1.29E-08	4.07E-12	1.18E-12	1.27E-08	4.01E-12	1.17E-12	1.23E-08	3.90E-12	1.13E-12
3210	491363.09, 3846877.25	1.22E-08	3.86E-12	1.12E-12	1.21E-08	3.81E-12	1.11E-12	1.17E-08	3.70E-12	1.08E-12
3211	491863.09, 3846877.25	1.16E-08	3.66E-12	1.06E-12	1.14E-08	3.61E-12	1.05E-12	1.11E-08	3.50E-12	1.02E-12
3212	492363.09, 3846877.25	1.28E-08	4.03E-12	1.17E-12	1.26E-08	3.97E-12	1.16E-12	1.22E-08	3.86E-12	1.12E-12
3213	492863.09, 3846877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3214	493363.09, 3846877.25	1.33E-08	4.19E-12	1.22E-12	1.31E-08	4.13E-12	1.20E-12	1.27E-08	4.02E-12	1.17E-12
3215	493863.09, 3846877.25	1.30E-08	4.11E-12	1.19E-12	1.28E-08	4.05E-12	1.18E-12	1.25E-08	3.94E-12	1.14E-12
3216	494363.09, 3846877.25	1.34E-08	4.23E-12	1.23E-12	1.32E-08	4.18E-12	1.21E-12	1.28E-08	4.05E-12	1.18E-12
3217	494863.09, 3846877.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3218	495363.09, 3846877.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3219	495863.09, 3846877.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3220	496363.09, 3846877.25	1.33E-08	4.19E-12	1.22E-12	1.31E-08	4.13E-12	1.20E-12	1.27E-08	4.02E-12	1.17E-12
3221	496863.09, 3846877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3222	497363.09, 3846877.25	1.57E-08	4.97E-12	1.45E-12	1.55E-08	4.90E-12	1.43E-12	1.51E-08	4.76E-12	1.39E-12
3223	497863.09, 3846877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3224	498363.09, 3846877.25	1.72E-08	5.42E-12	1.58E-12	1.70E-08	5.35E-12	1.56E-12	1.65E-08	5.20E-12	1.51E-12
3225	471363.09, 3847377.25	5.26E-08	1.66E-11	4.83E-12	5.19E-08	1.64E-11	4.76E-12	5.04E-08	1.59E-11	4.63E-12
3226	471863.09, 3847377.25	5.34E-08	1.68E-11	4.90E-12	5.27E-08	1.66E-11	4.83E-12	5.11E-08	1.61E-11	4.69E-12
3227	472363.09, 3847377.25	5.44E-08	1.72E-11	4.99E-12	5.37E-08	1.69E-11	4.93E-12	5.21E-08	1.65E-11	4.79E-12
3228	472863.09, 3847377.25	5.37E-08	1.70E-11	4.93E-12	5.30E-08	1.67E-11	4.87E-12	5.15E-08	1.63E-11	4.73E-12
3229	473363.09, 3847377.25	4.63E-08	1.46E-11	4.25E-12	4.57E-08	1.44E-11	4.20E-12	4.44E-08	1.40E-11	4.08E-12
3230	473863.09, 3847377.25	4.59E-08	1.45E-11	4.22E-12	4.53E-08	1.43E-11	4.16E-12	4.40E-08	1.39E-11	4.04E-12
3231	474363.09, 3847377.25	4.85E-08	1.53E-11	4.46E-12	4.79E-08	1.51E-11	4.40E-12	4.65E-08	1.47E-11	4.27E-12
3232	474863.09, 3847377.25	4.68E-08	1.48E-11	4.30E-12	4.62E-08	1.46E-11	4.24E-12	4.49E-08	1.42E-11	4.12E-12
3233	475363.09, 3847377.25	4.50E-08	1.42E-11	4.13E-12	4.44E-08	1.40E-11	4.08E-12	4.32E-08	1.36E-11	3.96E-12
3234	475863.09, 3847377.25	4.85E-08	1.53E-11	4.46E-12	4.79E-08	1.51E-11	4.40E-12	4.65E-08	1.47E-11	4.27E-12
3235	476363.09, 3847377.25	5.28E-08	1.67E-11	4.85E-12	5.21E-08	1.65E-11	4.79E-12	5.06E-08	1.60E-11	4.65E-12
3236	476863.09, 3847377.25	5.31E-08	1.68E-11	4.87E-12	5.24E-08	1.65E-11	4.81E-12	5.09E-08	1.61E-11	4.67E-12
3237	477363.09, 3847377.25	5.71E-08	1.80E-11	5.24E-12	5.64E-08	1.78E-11	5.18E-12	5.48E-08	1.73E-11	5.03E-12
3238	477863.09, 3847377.25	5.67E-08	1.79E-11	5.21E-12	5.60E-08	1.77E-11	5.14E-12	5.44E-08	1.72E-11	4.99E-12
3239	478363.09, 3847377.25	5.56E-08	1.75E-11	5.10E-12	5.48E-08	1.73E-11	5.03E-12	5.33E-08	1.68E-11	4.89E-12

3240	478863.09, 3847377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3241	479363.09, 3847377.25	4.74E-08	1.50E-11	4.35E-12	4.68E-08	1.48E-11	4.29E-12	4.54E-08	1.43E-11	4.17E-12
3242	479863.09, 3847377.25	3.64E-08	1.15E-11	3.35E-12	3.60E-08	1.14E-11	3.30E-12	3.49E-08	1.10E-11	3.21E-12
3243	480363.09, 3847377.25	2.73E-08	8.63E-12	2.51E-12	2.70E-08	8.51E-12	2.48E-12	2.62E-08	8.27E-12	2.40E-12
3244	480863.09, 3847377.25	2.43E-08	7.68E-12	2.23E-12	2.40E-08	7.58E-12	2.20E-12	2.33E-08	7.36E-12	2.14E-12
3245	481363.09, 3847377.25	2.62E-08	8.26E-12	2.40E-12	2.58E-08	8.15E-12	2.37E-12	2.51E-08	7.91E-12	2.30E-12
3246	481863.09, 3847377.25	3.28E-08	1.04E-11	3.01E-12	3.24E-08	1.02E-11	2.97E-12	3.14E-08	9.92E-12	2.89E-12
3247	482363.09, 3847377.25	3.15E-08	9.94E-12	2.89E-12	3.11E-08	9.81E-12	2.85E-12	3.02E-08	9.53E-12	2.77E-12
3248	482863.09, 3847377.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3249	483363.09, 3847377.25	2.59E-08	8.17E-12	2.38E-12	2.56E-08	8.07E-12	2.35E-12	2.48E-08	7.83E-12	2.28E-12
3250	483863.09, 3847377.25	2.42E-08	7.64E-12	2.22E-12	2.39E-08	7.54E-12	2.19E-12	2.32E-08	7.32E-12	2.13E-12
3251	484363.09, 3847377.25	2.46E-08	7.76E-12	2.26E-12	2.43E-08	7.66E-12	2.23E-12	2.36E-08	7.44E-12	2.16E-12
3252	484863.09, 3847377.25	2.38E-08	7.52E-12	2.19E-12	2.35E-08	7.42E-12	2.16E-12	2.28E-08	7.20E-12	2.10E-12
3253	485363.09, 3847377.25	2.36E-08	7.43E-12	2.16E-12	2.32E-08	7.34E-12	2.13E-12	2.26E-08	7.12E-12	2.07E-12
3254	485863.09, 3847377.25	2.32E-08	7.31E-12	2.13E-12	2.29E-08	7.22E-12	2.10E-12	2.22E-08	7.01E-12	2.04E-12
3255	486363.09, 3847377.25	2.30E-08	7.27E-12	2.11E-12	2.27E-08	7.18E-12	2.09E-12	2.21E-08	6.97E-12	2.03E-12
3256	486863.09, 3847377.25	2.10E-08	6.61E-12	1.92E-12	2.07E-08	6.53E-12	1.90E-12	2.01E-08	6.34E-12	1.84E-12
3257	487363.09, 3847377.25	2.12E-08	6.69E-12	1.95E-12	2.09E-08	6.61E-12	1.92E-12	2.03E-08	6.42E-12	1.87E-12
3258	487863.09, 3847377.25	1.97E-08	6.20E-12	1.80E-12	1.94E-08	6.12E-12	1.78E-12	1.88E-08	5.94E-12	1.73E-12
3259	488363.09, 3847377.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3260	488863.09, 3847377.25	1.81E-08	5.71E-12	1.66E-12	1.79E-08	5.63E-12	1.64E-12	1.73E-08	5.47E-12	1.59E-12
3261	489363.09, 3847377.25	1.78E-08	5.63E-12	1.64E-12	1.76E-08	5.55E-12	1.62E-12	1.71E-08	5.39E-12	1.57E-12
3262	489863.09, 3847377.25	1.67E-08	5.26E-12	1.53E-12	1.64E-08	5.19E-12	1.51E-12	1.60E-08	5.04E-12	1.47E-12
3263	490363.09, 3847377.25	1.54E-08	4.85E-12	1.41E-12	1.52E-08	4.78E-12	1.39E-12	1.47E-08	4.64E-12	1.35E-12
3264	490863.09, 3847377.25	1.48E-08	4.68E-12	1.36E-12	1.46E-08	4.62E-12	1.34E-12	1.42E-08	4.49E-12	1.31E-12
3265	491363.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3266	491863.09, 3847377.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3267	492363.09, 3847377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3268	492863.09, 3847377.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3269	493363.09, 3847377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3270	493863.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3271	494363.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3272	494863.09, 3847377.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3273	495363.09, 3847377.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3274	495863.09, 3847377.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3275	496363.09, 3847377.25	1.37E-08	4.31E-12	1.25E-12	1.35E-08	4.26E-12	1.24E-12	1.31E-08	4.13E-12	1.20E-12
3276	496863.09, 3847377.25	1.51E-08	4.76E-12	1.39E-12	1.49E-08	4.70E-12	1.37E-12	1.45E-08	4.57E-12	1.33E-12
3277	497363.09, 3847377.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3278	497863.09, 3847377.25	1.78E-08	5.63E-12	1.64E-12	1.76E-08	5.55E-12	1.62E-12	1.71E-08	5.39E-12	1.57E-12
3279	498363.09, 3847377.25	1.94E-08	6.12E-12	1.78E-12	1.91E-08	6.04E-12	1.76E-12	1.86E-08	5.87E-12	1.71E-12
3280	471363.09, 3847877.25	5.44E-08	1.72E-11	4.99E-12	5.37E-08	1.69E-11	4.93E-12	5.21E-08	1.65E-11	4.79E-12
3281	471863.09, 3847877.25	5.63E-08	1.78E-11	5.17E-12	5.56E-08	1.76E-11	5.11E-12	5.40E-08	1.70E-11	4.96E-12
3282	472363.09, 3847877.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3283	472863.09, 3847877.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3284	473363.09, 3847877.25	5.95E-08	1.88E-11	5.46E-12	5.87E-08	1.85E-11	5.39E-12	5.70E-08	1.80E-11	5.23E-12
3285	473863.09, 3847877.25	5.80E-08	1.83E-11	5.33E-12	5.73E-08	1.81E-11	5.26E-12	5.56E-08	1.76E-11	5.11E-12
3286	474363.09, 3847877.25	5.11E-08	1.61E-11	4.70E-12	5.05E-08	1.59E-11	4.63E-12	4.90E-08	1.55E-11	4.50E-12
3287	474863.09, 3847877.25	5.37E-08	1.70E-11	4.93E-12	5.30E-08	1.67E-11	4.87E-12	5.15E-08	1.63E-11	4.73E-12
3288	475363.09, 3847877.25	5.15E-08	1.63E-11	4.73E-12	5.09E-08	1.61E-11	4.67E-12	4.94E-08	1.56E-11	4.53E-12
3289	475863.09, 3847877.25	4.91E-08	1.55E-11	4.50E-12	4.84E-08	1.53E-11	4.45E-12	4.70E-08	1.48E-11	4.32E-12
3290	476363.09, 3847877.25	5.54E-08	1.75E-11	5.09E-12	5.47E-08	1.73E-11	5.02E-12	5.31E-08	1.68E-11	4.88E-12
3291	476863.09, 3847877.25	5.75E-08	1.82E-11	5.28E-12	5.68E-08	1.79E-11	5.21E-12	5.51E-08	1.74E-11	5.06E-12
3292	477363.09, 3847877.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3293	477863.09, 3847877.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3294	478363.09, 3847877.25	6.27E-08	1.98E-11	5.76E-12	6.19E-08	1.95E-11	5.68E-12	6.01E-08	1.90E-11	5.52E-12
3295	478863.09, 3847877.25	6.12E-08	1.93E-11	5.62E-12	6.04E-08	1.91E-11	5.54E-12	5.86E-08	1.85E-11	5.38E-12
3296	479363.09, 3847877.25	4.96E-08	1.56E-11	4.55E-12	4.89E-08	1.54E-11	4.49E-12	4.75E-08	1.50E-11	4.36E-12
3297	479863.09, 3847877.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3298	480363.09, 3847877.25	3.21E-08	1.01E-11	2.95E-12	3.17E-08	1.00E-11	2.91E-12	3.08E-08	9.72E-12	2.83E-12
3299	480863.09, 3847877.25	2.88E-08	9.08E-12	2.64E-12	2.84E-08	8.96E-12	2.61E-12	2.76E-08	8.70E-12	2.53E-12
3300	481363.09, 3847877.25	2.86E-08	9.04E-12	2.63E-12	2.83E-08	8.92E-12	2.59E-12	2.74E-08	8.66E-12	2.52E-12
3301	481863.09, 3847877.25	3.75E-08	1.18E-11	3.44E-12	3.70E-08	1.17E-11	3.40E-12	3.59E-08	1.13E-11	3.30E-12
3302	482363.09, 3847877.25	3.60E-08	1.14E-11	3.31E-12	3.56E-08	1.12E-11	3.27E-12	3.45E-08	1.09E-11	3.17E-12
3303	482863.09, 3847877.25	3.29E-08	1.04E-11	3.02E-12	3.25E-08	1.03E-11	2.98E-12	3.16E-08	9.96E-12	2.90E-12
3304	483363.09, 3847877.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3305	483863.09, 3847877.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3306	484363.09, 3847877.25	2.86E-08	9.04E-12	2.63E-12	2.83E-08	8.92E-12	2.59E-12	2.74E-08	8.66E-12	2.52E-12
3307	484863.09, 3847877.25	2.76E-08	8.71E-12	2.53E-12	2.72E-08	8.59E-12	2.50E-12	2.64E-08	8.35E-12	2.43E-12
3308	485363.09, 3847877.25	2.82E-08	8.91E-12	2.59E-12	2.79E-08	8.80E-12	2.56E-12	2.71E-08	8.54E-12	2.48E-12

3309	485863.09, 3847877.25	2.84E-08	8.95E-12	2.60E-12	2.80E-08	8.84E-12	2.57E-12	2.72E-08	8.58E-12	2.50E-12
3310	486363.09, 3847877.25	2.54E-08	8.01E-12	2.33E-12	2.50E-08	7.90E-12	2.30E-12	2.43E-08	7.68E-12	2.23E-12
3311	486863.09, 3847877.25	2.43E-08	7.68E-12	2.23E-12	2.40E-08	7.58E-12	2.20E-12	2.33E-08	7.36E-12	2.14E-12
3312	487363.09, 3847877.25	2.37E-08	7.48E-12	2.17E-12	2.34E-08	7.38E-12	2.15E-12	2.27E-08	7.16E-12	2.08E-12
3313	487863.09, 3847877.25	2.21E-08	6.98E-12	2.03E-12	2.18E-08	6.89E-12	2.00E-12	2.12E-08	6.69E-12	1.95E-12
3314	488363.09, 3847877.25	2.06E-08	6.49E-12	1.89E-12	2.03E-08	6.40E-12	1.86E-12	1.97E-08	6.22E-12	1.81E-12
3315	488863.09, 3847877.25	2.03E-08	6.41E-12	1.86E-12	2.00E-08	6.32E-12	1.84E-12	1.95E-08	6.14E-12	1.79E-12
3316	489363.09, 3847877.25	2.00E-08	6.33E-12	1.84E-12	1.98E-08	6.24E-12	1.82E-12	1.92E-08	6.06E-12	1.76E-12
3317	489863.09, 3847877.25	2.03E-08	6.41E-12	1.86E-12	2.00E-08	6.32E-12	1.84E-12	1.95E-08	6.14E-12	1.79E-12
3318	490363.09, 3847877.25	1.91E-08	6.04E-12	1.76E-12	1.89E-08	5.96E-12	1.73E-12	1.83E-08	5.79E-12	1.68E-12
3319	490863.09, 3847877.25	1.81E-08	5.71E-12	1.66E-12	1.79E-08	5.63E-12	1.64E-12	1.73E-08	5.47E-12	1.59E-12
3320	491363.09, 3847877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3321	491863.09, 3847877.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3322	492363.09, 3847877.25	1.61E-08	5.09E-12	1.48E-12	1.59E-08	5.03E-12	1.46E-12	1.55E-08	4.88E-12	1.42E-12
3323	492863.09, 3847877.25	1.59E-08	5.01E-12	1.46E-12	1.57E-08	4.95E-12	1.44E-12	1.52E-08	4.80E-12	1.40E-12
3324	493363.09, 3847877.25	1.44E-08	4.56E-12	1.33E-12	1.43E-08	4.50E-12	1.31E-12	1.38E-08	4.37E-12	1.27E-12
3325	493863.09, 3847877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3326	494363.09, 3847877.25	1.39E-08	4.39E-12	1.28E-12	1.37E-08	4.34E-12	1.26E-12	1.33E-08	4.21E-12	1.23E-12
3327	494863.09, 3847877.25	1.41E-08	4.44E-12	1.29E-12	1.39E-08	4.38E-12	1.27E-12	1.35E-08	4.25E-12	1.24E-12
3328	495363.09, 3847877.25	1.38E-08	4.35E-12	1.27E-12	1.36E-08	4.30E-12	1.25E-12	1.32E-08	4.17E-12	1.21E-12
3329	495863.09, 3847877.25	1.25E-08	3.94E-12	1.15E-12	1.23E-08	3.89E-12	1.13E-12	1.20E-08	3.78E-12	1.10E-12
3330	496363.09, 3847877.25	1.43E-08	4.52E-12	1.31E-12	1.41E-08	4.46E-12	1.30E-12	1.37E-08	4.33E-12	1.26E-12
3331	496863.09, 3847877.25	1.54E-08	4.85E-12	1.41E-12	1.52E-08	4.78E-12	1.39E-12	1.47E-08	4.64E-12	1.35E-12
3332	497363.09, 3847877.25	1.64E-08	5.18E-12	1.51E-12	1.62E-08	5.11E-12	1.49E-12	1.57E-08	4.96E-12	1.44E-12
3333	497863.09, 3847877.25	1.99E-08	6.28E-12	1.83E-12	1.97E-08	6.20E-12	1.80E-12	1.91E-08	6.02E-12	1.75E-12
3334	498363.09, 3847877.25	2.17E-08	6.86E-12	2.00E-12	2.14E-08	6.77E-12	1.97E-12	2.08E-08	6.57E-12	1.91E-12
3335	471363.09, 3848377.25	5.57E-08	1.76E-11	5.11E-12	5.50E-08	1.73E-11	5.05E-12	5.34E-08	1.68E-11	4.90E-12
3336	471863.09, 3848377.25	5.74E-08	1.81E-11	5.27E-12	5.66E-08	1.79E-11	5.20E-12	5.50E-08	1.74E-11	5.05E-12
3337	472363.09, 3848377.25	5.92E-08	1.87E-11	5.44E-12	5.84E-08	1.84E-11	5.36E-12	5.67E-08	1.79E-11	5.21E-12
3338	472863.09, 3848377.25	6.10E-08	1.93E-11	5.60E-12	6.02E-08	1.90E-11	5.53E-12	5.85E-08	1.85E-11	5.37E-12
3339	473363.09, 3848377.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
3340	473863.09, 3848377.25	6.31E-08	1.99E-11	5.79E-12	6.23E-08	1.97E-11	5.72E-12	6.05E-08	1.91E-11	5.55E-12
3341	474363.09, 3848377.25	6.30E-08	1.99E-11	5.78E-12	6.22E-08	1.96E-11	5.71E-12	6.04E-08	1.91E-11	5.54E-12
3342	474863.09, 3848377.25	5.76E-08	1.82E-11	5.29E-12	5.69E-08	1.80E-11	5.22E-12	5.53E-08	1.74E-11	5.07E-12
3343	475363.09, 3848377.25	6.12E-08	1.93E-11	5.62E-12	6.04E-08	1.91E-11	5.54E-12	5.86E-08	1.85E-11	5.38E-12
3344	475863.09, 3848377.25	5.80E-08	1.83E-11	5.33E-12	5.73E-08	1.81E-11	5.26E-12	5.56E-08	1.76E-11	5.11E-12
3345	476363.09, 3848377.25	5.43E-08	1.71E-11	4.98E-12	5.36E-08	1.69E-11	4.92E-12	5.20E-08	1.64E-11	4.77E-12
3346	476863.09, 3848377.25	6.21E-08	1.96E-11	5.70E-12	6.13E-08	1.93E-11	5.62E-12	5.95E-08	1.88E-11	5.46E-12
3347	477363.09, 3848377.25	6.23E-08	1.97E-11	5.72E-12	6.15E-08	1.94E-11	5.65E-12	5.97E-08	1.89E-11	5.48E-12
3348	477863.09, 3848377.25	6.44E-08	2.03E-11	5.91E-12	6.36E-08	2.01E-11	5.84E-12	6.17E-08	1.95E-11	5.67E-12
3349	478363.09, 3848377.25	6.81E-08	2.15E-11	6.25E-12	6.72E-08	2.12E-11	6.17E-12	6.52E-08	2.06E-11	5.99E-12
3350	478863.09, 3848377.25	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
3351	479363.09, 3848377.25	5.40E-08	1.70E-11	4.96E-12	5.33E-08	1.68E-11	4.89E-12	5.18E-08	1.63E-11	4.75E-12
3352	479863.09, 3848377.25	2.30E-08	7.27E-12	2.11E-12	2.27E-08	7.18E-12	2.09E-12	2.21E-08	6.97E-12	2.03E-12
3353	480363.09, 3848377.25	3.21E-08	1.01E-11	2.95E-12	3.17E-08	1.00E-11	2.91E-12	3.08E-08	9.72E-12	2.83E-12
3354	480863.09, 3848377.25	4.22E-08	1.33E-11	3.87E-12	4.16E-08	1.31E-11	3.82E-12	4.04E-08	1.28E-11	3.71E-12
3355	481363.09, 3848377.25	4.29E-08	1.36E-11	3.94E-12	4.24E-08	1.34E-11	3.89E-12	4.12E-08	1.30E-11	3.78E-12
3356	481863.09, 3848377.25	4.31E-08	1.36E-11	3.95E-12	4.25E-08	1.34E-11	3.90E-12	4.13E-08	1.30E-11	3.79E-12
3357	482363.09, 3848377.25	4.28E-08	1.35E-11	3.93E-12	4.23E-08	1.33E-11	3.88E-12	4.10E-08	1.30E-11	3.77E-12
3358	482863.09, 3848377.25	3.85E-08	1.22E-11	3.54E-12	3.80E-08	1.20E-11	3.49E-12	3.69E-08	1.17E-11	3.39E-12
3359	483363.09, 3848377.25	3.76E-08	1.19E-11	3.45E-12	3.71E-08	1.17E-11	3.41E-12	3.60E-08	1.14E-11	3.31E-12
3360	483863.09, 3848377.25	3.36E-08	1.06E-11	3.08E-12	3.31E-08	1.05E-11	3.04E-12	3.22E-08	1.02E-11	2.95E-12
3361	484363.09, 3848377.25	3.20E-08	1.01E-11	2.94E-12	3.16E-08	9.97E-12	2.90E-12	3.07E-08	9.68E-12	2.82E-12
3362	484863.09, 3848377.25	3.36E-08	1.06E-11	3.08E-12	3.31E-08	1.05E-11	3.04E-12	3.22E-08	1.02E-11	2.95E-12
3363	485363.09, 3848377.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3364	485863.09, 3848377.25	3.28E-08	1.04E-11	3.01E-12	3.24E-08	1.02E-11	2.97E-12	3.14E-08	9.92E-12	2.89E-12
3365	486363.09, 3848377.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3366	486863.09, 3848377.25	2.80E-08	8.83E-12	2.57E-12	2.76E-08	8.72E-12	2.54E-12	2.68E-08	8.46E-12	2.46E-12
3367	487363.09, 3848377.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3368	487863.09, 3848377.25	2.51E-08	7.93E-12	2.31E-12	2.48E-08	7.82E-12	2.28E-12	2.41E-08	7.60E-12	2.21E-12
3369	488363.09, 3848377.25	2.33E-08	7.35E-12	2.14E-12	2.30E-08	7.26E-12	2.11E-12	2.23E-08	7.05E-12	2.05E-12
3370	488863.09, 3848377.25	2.29E-08	7.23E-12	2.10E-12	2.26E-08	7.13E-12	2.08E-12	2.20E-08	6.93E-12	2.02E-12
3371	489363.09, 3848377.25	2.29E-08	7.23E-12	2.10E-12	2.26E-08	7.13E-12	2.08E-12	2.20E-08	6.93E-12	2.02E-12
3372	489863.09, 3848377.25	2.29E-08	7.23E-12	2.10E-12	2.26E-08	7.13E-12	2.08E-12	2.20E-08	6.93E-12	2.02E-12
3373	490363.09, 3848377.25	2.15E-08	6.78E-12	1.97E-12	2.12E-08	6.69E-12	1.95E-12	2.06E-08	6.50E-12	1.89E-12
3374	490863.09, 3848377.25	2.00E-08	6.33E-12	1.84E-12	1.98E-08	6.24E-12	1.82E-12	1.92E-08	6.06E-12	1.76E-12
3375	491363.09, 3848377.25	1.82E-08	5.75E-12	1.67E-12	1.80E-08	5.68E-12	1.65E-12	1.75E-08	5.51E-12	1.60E-12
3376	491863.09, 3848377.25	1.78E-08	5.63E-12	1.64E-12	1.76E-08	5.55E-12	1.62E-12	1.71E-08	5.39E-12	1.57E-12
3377	492363.09, 3848377.25	1.69E-08	5.34E-12	1.55E-12	1.67E-08	5.27E-12	1.53E-12	1.62E-08	5.12E-12	1.49E-12

3378	492863.09, 3848377.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3379	493363.09, 3848377.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3380	493863.09, 3848377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3381	494363.09, 3848377.25	1.41E-08	4.44E-12	1.29E-12	1.39E-08	4.38E-12	1.27E-12	1.35E-08	4.25E-12	1.24E-12
3382	494863.09, 3848377.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3383	495363.09, 3848377.25	1.35E-08	4.27E-12	1.24E-12	1.34E-08	4.22E-12	1.23E-12	1.30E-08	4.09E-12	1.19E-12
3384	495863.09, 3848377.25	1.34E-08	4.23E-12	1.23E-12	1.32E-08	4.18E-12	1.21E-12	1.28E-08	4.05E-12	1.18E-12
3385	496363.09, 3848377.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3386	496863.09, 3848377.25	1.50E-08	4.72E-12	1.37E-12	1.48E-08	4.66E-12	1.36E-12	1.43E-08	4.53E-12	1.32E-12
3387	497363.09, 3848377.25	1.69E-08	5.34E-12	1.55E-12	1.67E-08	5.27E-12	1.53E-12	1.62E-08	5.12E-12	1.49E-12
3388	497863.09, 3848377.25	2.24E-08	7.06E-12	2.05E-12	2.21E-08	6.97E-12	2.03E-12	2.15E-08	6.77E-12	1.97E-12
3389	498363.09, 3848377.25	2.41E-08	7.60E-12	2.21E-12	2.38E-08	7.50E-12	2.18E-12	2.31E-08	7.28E-12	2.12E-12
3390	471363.09, 3848877.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3391	471863.09, 3848877.25	5.95E-08	1.88E-11	5.46E-12	5.87E-08	1.85E-11	5.39E-12	5.70E-08	1.80E-11	5.23E-12
3392	472363.09, 3848877.25	6.08E-08	1.92E-11	5.58E-12	6.00E-08	1.89E-11	5.51E-12	5.82E-08	1.84E-11	5.35E-12
3393	472863.09, 3848877.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3394	473363.09, 3848877.25	6.55E-08	2.07E-11	6.01E-12	6.46E-08	2.04E-11	5.93E-12	6.27E-08	1.98E-11	5.76E-12
3395	473863.09, 3848877.25	6.68E-08	2.11E-11	6.13E-12	6.59E-08	2.08E-11	6.05E-12	6.40E-08	2.02E-11	5.87E-12
3396	474363.09, 3848877.25	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
3397	474863.09, 3848877.25	6.66E-08	2.10E-11	6.12E-12	6.58E-08	2.08E-11	6.04E-12	6.39E-08	2.02E-11	5.86E-12
3398	475363.09, 3848877.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3399	475863.09, 3848877.25	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
3400	476363.09, 3848877.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3401	476863.09, 3848877.25	6.35E-08	2.00E-11	5.83E-12	6.27E-08	1.98E-11	5.75E-12	6.09E-08	1.92E-11	5.59E-12
3402	477363.09, 3848877.25	6.96E-08	2.20E-11	6.39E-12	6.87E-08	2.17E-11	6.31E-12	6.67E-08	2.11E-11	6.13E-12
3403	477863.09, 3848877.25	6.94E-08	2.19E-11	6.37E-12	6.85E-08	2.16E-11	6.28E-12	6.65E-08	2.10E-11	6.10E-12
3404	478363.09, 3848877.25	7.17E-08	2.26E-11	6.58E-12	7.08E-08	2.23E-11	6.50E-12	6.87E-08	2.17E-11	6.31E-12
3405	478863.09, 3848877.25	7.38E-08	2.33E-11	6.77E-12	7.28E-08	2.30E-11	6.69E-12	7.07E-08	2.23E-11	6.49E-12
3406	479363.09, 3848877.25	6.85E-08	2.16E-11	6.28E-12	6.76E-08	2.13E-11	6.20E-12	6.56E-08	2.07E-11	6.02E-12
3407	479863.09, 3848877.25	5.90E-08	1.86E-11	5.41E-12	5.82E-08	1.84E-11	5.34E-12	5.65E-08	1.78E-11	5.19E-12
3408	480363.09, 3848877.25	6.09E-08	1.92E-11	5.59E-12	6.01E-08	1.90E-11	5.52E-12	5.84E-08	1.84E-11	5.36E-12
3409	480863.09, 3848877.25	5.87E-08	1.85E-11	5.39E-12	5.79E-08	1.83E-11	5.32E-12	5.62E-08	1.78E-11	5.16E-12
3410	481363.09, 3848877.25	5.56E-08	1.75E-11	5.10E-12	5.48E-08	1.73E-11	5.03E-12	5.33E-08	1.68E-11	4.89E-12
3411	481863.09, 3848877.25	5.04E-08	1.59E-11	4.62E-12	4.97E-08	1.57E-11	4.56E-12	4.83E-08	1.52E-11	4.43E-12
3412	482363.09, 3848877.25	4.10E-08	1.29E-11	3.76E-12	4.05E-08	1.28E-11	3.71E-12	3.93E-08	1.24E-11	3.61E-12
3413	482863.09, 3848877.25	3.54E-08	1.12E-11	3.25E-12	3.49E-08	1.10E-11	3.21E-12	3.39E-08	1.07E-11	3.11E-12
3414	483363.09, 3848877.25	3.16E-08	9.98E-12	2.90E-12	3.12E-08	9.85E-12	2.87E-12	3.03E-08	9.57E-12	2.78E-12
3415	483863.09, 3848877.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3416	484363.09, 3848877.25	3.63E-08	1.15E-11	3.33E-12	3.58E-08	1.13E-11	3.29E-12	3.48E-08	1.10E-11	3.19E-12
3417	484863.09, 3848877.25	4.09E-08	1.29E-11	3.75E-12	4.03E-08	1.27E-11	3.70E-12	3.92E-08	1.24E-11	3.60E-12
3418	485363.09, 3848877.25	3.88E-08	1.22E-11	3.56E-12	3.83E-08	1.21E-11	3.51E-12	3.72E-08	1.17E-11	3.41E-12
3419	485863.09, 3848877.25	3.76E-08	1.19E-11	3.45E-12	3.71E-08	1.17E-11	3.41E-12	3.60E-08	1.14E-11	3.31E-12
3420	486363.09, 3848877.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3421	486863.09, 3848877.25	3.01E-08	9.49E-12	2.76E-12	2.97E-08	9.36E-12	2.72E-12	2.88E-08	9.09E-12	2.64E-12
3422	487363.09, 3848877.25	3.03E-08	9.57E-12	2.78E-12	2.99E-08	9.45E-12	2.75E-12	2.91E-08	9.17E-12	2.67E-12
3423	487863.09, 3848877.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3424	488363.09, 3848877.25	2.69E-08	8.50E-12	2.47E-12	2.66E-08	8.39E-12	2.44E-12	2.58E-08	8.15E-12	2.37E-12
3425	488863.09, 3848877.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3426	489363.09, 3848877.25	2.62E-08	8.26E-12	2.40E-12	2.58E-08	8.15E-12	2.37E-12	2.51E-08	7.91E-12	2.30E-12
3427	489863.09, 3848877.25	2.55E-08	8.05E-12	2.34E-12	2.52E-08	7.95E-12	2.31E-12	2.44E-08	7.72E-12	2.24E-12
3428	490363.09, 3848877.25	2.32E-08	7.31E-12	2.13E-12	2.29E-08	7.22E-12	2.10E-12	2.22E-08	7.01E-12	2.04E-12
3429	490863.09, 3848877.25	2.16E-08	6.82E-12	1.98E-12	2.13E-08	6.73E-12	1.96E-12	2.07E-08	6.53E-12	1.90E-12
3430	491363.09, 3848877.25	1.99E-08	6.28E-12	1.83E-12	1.97E-08	6.20E-12	1.80E-12	1.91E-08	6.02E-12	1.75E-12
3431	491863.09, 3848877.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3432	492363.09, 3848877.25	1.73E-08	5.46E-12	1.59E-12	1.71E-08	5.39E-12	1.57E-12	1.66E-08	5.24E-12	1.52E-12
3433	492863.09, 3848877.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3434	493363.09, 3848877.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3435	493863.09, 3848877.25	1.42E-08	4.48E-12	1.30E-12	1.40E-08	4.42E-12	1.29E-12	1.36E-08	4.29E-12	1.25E-12
3436	494363.09, 3848877.25	1.43E-08	4.52E-12	1.31E-12	1.41E-08	4.46E-12	1.30E-12	1.37E-08	4.33E-12	1.26E-12
3437	494863.09, 3848877.25	1.47E-08	4.64E-12	1.35E-12	1.45E-08	4.58E-12	1.33E-12	1.41E-08	4.45E-12	1.29E-12
3438	495363.09, 3848877.25	1.46E-08	4.60E-12	1.34E-12	1.44E-08	4.54E-12	1.32E-12	1.40E-08	4.41E-12	1.28E-12
3439	495863.09, 3848877.25	1.43E-08	4.52E-12	1.31E-12	1.41E-08	4.46E-12	1.30E-12	1.37E-08	4.33E-12	1.26E-12
3440	496363.09, 3848877.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3441	496863.09, 3848877.25	1.68E-08	5.30E-12	1.54E-12	1.66E-08	5.23E-12	1.52E-12	1.61E-08	5.08E-12	1.48E-12
3442	497363.09, 3848877.25	2.12E-08	6.69E-12	1.95E-12	2.09E-08	6.61E-12	1.92E-12	2.03E-08	6.42E-12	1.87E-12
3443	497863.09, 3848877.25	2.41E-08	7.60E-12	2.21E-12	2.38E-08	7.50E-12	2.18E-12	2.31E-08	7.28E-12	2.12E-12
3444	498363.09, 3848877.25	2.77E-08	8.75E-12	2.54E-12	2.74E-08	8.63E-12	2.51E-12	2.66E-08	8.38E-12	2.44E-12
3445	471363.09, 3849377.25	5.69E-08	1.79E-11	5.22E-12	5.61E-08	1.77E-11	5.15E-12	5.45E-08	1.72E-11	5.00E-12
3446	471863.09, 3849377.25	6.17E-08	1.95E-11	5.66E-12	6.09E-08	1.92E-11	5.59E-12	5.91E-08	1.87E-11	5.43E-12

3447	472363.09, 3849377.25	6.40E-08	2.02E-11	5.88E-12	6.32E-08	1.99E-11	5.80E-12	6.14E-08	1.94E-11	5.63E-12
3448	472863.09, 3849377.25	6.53E-08	2.06E-11	6.00E-12	6.45E-08	2.03E-11	5.92E-12	6.26E-08	1.98E-11	5.75E-12
3449	473363.09, 3849377.25	6.69E-08	2.11E-11	6.14E-12	6.60E-08	2.08E-11	6.06E-12	6.41E-08	2.02E-11	5.89E-12
3450	473863.09, 3849377.25	6.95E-08	2.19E-11	6.38E-12	6.86E-08	2.16E-11	6.30E-12	6.66E-08	2.10E-11	6.11E-12
3451	474363.09, 3849377.25	7.18E-08	2.27E-11	6.59E-12	7.09E-08	2.24E-11	6.51E-12	6.88E-08	2.17E-11	6.32E-12
3452	474863.09, 3849377.25	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
3453	475363.09, 3849377.25	7.46E-08	2.35E-11	6.85E-12	7.36E-08	2.32E-11	6.76E-12	7.15E-08	2.26E-11	6.56E-12
3454	475863.09, 3849377.25	7.69E-08	2.43E-11	7.06E-12	7.59E-08	2.40E-11	6.97E-12	7.37E-08	2.33E-11	6.77E-12
3455	476363.09, 3849377.25	7.80E-08	2.46E-11	7.16E-12	7.69E-08	2.43E-11	7.06E-12	7.47E-08	2.36E-11	6.86E-12
3456	476863.09, 3849377.25	7.70E-08	2.43E-11	7.07E-12	7.60E-08	2.40E-11	6.98E-12	7.38E-08	2.33E-11	6.78E-12
3457	477363.09, 3849377.25	7.51E-08	2.37E-11	6.89E-12	7.41E-08	2.34E-11	6.80E-12	7.20E-08	2.27E-11	6.61E-12
3458	477863.09, 3849377.25	7.44E-08	2.35E-11	6.83E-12	7.35E-08	2.32E-11	6.74E-12	7.13E-08	2.25E-11	6.55E-12
3459	478363.09, 3849377.25	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
3460	478863.09, 3849377.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
3461	479363.09, 3849377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
3462	479863.09, 3849377.25	7.30E-08	2.30E-11	6.70E-12	7.21E-08	2.27E-11	6.61E-12	7.00E-08	2.21E-11	6.42E-12
3463	480363.09, 3849377.25	7.94E-08	2.51E-11	7.29E-12	7.83E-08	2.47E-11	7.19E-12	7.61E-08	2.40E-11	6.98E-12
3464	480863.09, 3849377.25	7.59E-08	2.39E-11	6.97E-12	7.49E-08	2.36E-11	6.87E-12	7.27E-08	2.29E-11	6.68E-12
3465	481363.09, 3849377.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
3466	481863.09, 3849377.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3467	482363.09, 3849377.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3468	482863.09, 3849377.25	3.38E-08	1.07E-11	3.11E-12	3.34E-08	1.05E-11	3.07E-12	3.24E-08	1.02E-11	2.98E-12
3469	483363.09, 3849377.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12
3470	483863.09, 3849377.25	2.67E-08	8.42E-12	2.45E-12	2.63E-08	8.31E-12	2.42E-12	2.56E-08	8.07E-12	2.35E-12
3471	484363.09, 3849377.25	4.11E-08	1.30E-11	3.78E-12	4.06E-08	1.28E-11	3.73E-12	3.94E-08	1.24E-11	3.62E-12
3472	484863.09, 3849377.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3473	485363.09, 3849377.25	4.68E-08	1.48E-11	4.30E-12	4.62E-08	1.46E-11	4.24E-12	4.49E-08	1.42E-11	4.12E-12
3474	485863.09, 3849377.25	3.57E-08	1.13E-11	3.27E-12	3.52E-08	1.11E-11	3.23E-12	3.42E-08	1.08E-11	3.14E-12
3475	486363.09, 3849377.25	2.89E-08	9.12E-12	2.65E-12	2.85E-08	9.00E-12	2.62E-12	2.77E-08	8.74E-12	2.54E-12
3476	486863.09, 3849377.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
3477	487363.09, 3849377.25	3.49E-08	1.10E-11	3.20E-12	3.44E-08	1.09E-11	3.16E-12	3.34E-08	1.05E-11	3.07E-12
3478	487863.09, 3849377.25	3.36E-08	1.06E-11	3.08E-12	3.31E-08	1.05E-11	3.04E-12	3.22E-08	1.02E-11	2.95E-12
3479	488363.09, 3849377.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3480	488863.09, 3849377.25	2.98E-08	9.41E-12	2.74E-12	2.94E-08	9.28E-12	2.70E-12	2.86E-08	9.01E-12	2.62E-12
3481	489363.09, 3849377.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3482	489863.09, 3849377.25	2.82E-08	8.91E-12	2.59E-12	2.79E-08	8.80E-12	2.56E-12	2.71E-08	8.54E-12	2.48E-12
3483	490363.09, 3849377.25	2.54E-08	8.01E-12	2.33E-12	2.50E-08	7.90E-12	2.30E-12	2.43E-08	7.68E-12	2.23E-12
3484	490863.09, 3849377.25	2.37E-08	7.48E-12	2.17E-12	2.34E-08	7.38E-12	2.15E-12	2.27E-08	7.16E-12	2.08E-12
3485	491363.09, 3849377.25	2.17E-08	6.86E-12	2.00E-12	2.14E-08	6.77E-12	1.97E-12	2.08E-08	6.57E-12	1.91E-12
3486	491863.09, 3849377.25	2.03E-08	6.41E-12	1.86E-12	2.00E-08	6.32E-12	1.84E-12	1.95E-08	6.14E-12	1.79E-12
3487	492363.09, 3849377.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3488	492863.09, 3849377.25	1.63E-08	5.13E-12	1.49E-12	1.61E-08	5.07E-12	1.47E-12	1.56E-08	4.92E-12	1.43E-12
3489	493363.09, 3849377.25	1.52E-08	4.81E-12	1.40E-12	1.50E-08	4.74E-12	1.38E-12	1.46E-08	4.61E-12	1.34E-12
3490	493863.09, 3849377.25	1.51E-08	4.76E-12	1.39E-12	1.49E-08	4.70E-12	1.37E-12	1.45E-08	4.57E-12	1.33E-12
3491	494363.09, 3849377.25	1.56E-08	4.93E-12	1.43E-12	1.54E-08	4.86E-12	1.41E-12	1.50E-08	4.72E-12	1.37E-12
3492	494863.09, 3849377.25	1.68E-08	5.30E-12	1.54E-12	1.66E-08	5.23E-12	1.52E-12	1.61E-08	5.08E-12	1.48E-12
3493	495363.09, 3849377.25	1.73E-08	5.46E-12	1.59E-12	1.71E-08	5.39E-12	1.57E-12	1.66E-08	5.24E-12	1.52E-12
3494	495863.09, 3849377.25	1.57E-08	4.97E-12	1.45E-12	1.55E-08	4.90E-12	1.43E-12	1.51E-08	4.76E-12	1.39E-12
3495	496363.09, 3849377.25	1.60E-08	5.05E-12	1.47E-12	1.58E-08	4.99E-12	1.45E-12	1.53E-08	4.84E-12	1.41E-12
3496	496863.09, 3849377.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3497	497363.09, 3849377.25	2.28E-08	7.19E-12	2.09E-12	2.25E-08	7.09E-12	2.06E-12	2.18E-08	6.89E-12	2.00E-12
3498	497863.09, 3849377.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3499	498363.09, 3849377.25	3.11E-08	9.82E-12	2.86E-12	3.07E-08	9.69E-12	2.82E-12	2.98E-08	9.41E-12	2.74E-12
3500	471363.09, 3849877.25	5.10E-08	1.61E-11	4.68E-12	5.03E-08	1.59E-11	4.62E-12	4.89E-08	1.54E-11	4.49E-12
3501	471863.09, 3849877.25	5.75E-08	1.82E-11	5.28E-12	5.68E-08	1.79E-11	5.21E-12	5.51E-08	1.74E-11	5.06E-12
3502	472363.09, 3849877.25	6.40E-08	2.02E-11	5.88E-12	6.32E-08	1.99E-11	5.80E-12	6.14E-08	1.94E-11	5.63E-12
3503	472863.09, 3849877.25	6.85E-08	2.16E-11	6.28E-12	6.76E-08	2.13E-11	6.20E-12	6.56E-08	2.07E-11	6.02E-12
3504	473363.09, 3849877.25	7.03E-08	2.22E-11	6.45E-12	6.94E-08	2.19E-11	6.37E-12	6.73E-08	2.13E-11	6.18E-12
3505	473863.09, 3849877.25	7.20E-08	2.27E-11	6.61E-12	7.10E-08	2.24E-11	6.52E-12	6.90E-08	2.18E-11	6.33E-12
3506	474363.09, 3849877.25	7.43E-08	2.35E-11	6.82E-12	7.33E-08	2.31E-11	6.73E-12	7.12E-08	2.25E-11	6.54E-12
3507	474863.09, 3849877.25	7.72E-08	2.44E-11	7.08E-12	7.62E-08	2.40E-11	6.99E-12	7.40E-08	2.33E-11	6.79E-12
3508	475363.09, 3849877.25	7.89E-08	2.49E-11	7.24E-12	7.78E-08	2.46E-11	7.15E-12	7.56E-08	2.39E-11	6.94E-12
3509	475863.09, 3849877.25	8.07E-08	2.55E-11	7.41E-12	7.96E-08	2.51E-11	7.31E-12	7.73E-08	2.44E-11	7.10E-12
3510	476363.09, 3849877.25	8.30E-08	2.62E-11	7.62E-12	8.19E-08	2.59E-11	7.52E-12	7.96E-08	2.51E-11	7.31E-12
3511	476863.09, 3849877.25	8.54E-08	2.69E-11	7.84E-12	8.43E-08	2.66E-11	7.73E-12	8.18E-08	2.58E-11	7.51E-12
3512	477363.09, 3849877.25	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
3513	477863.09, 3849877.25	8.55E-08	2.70E-11	7.85E-12	8.44E-08	2.66E-11	7.75E-12	8.19E-08	2.59E-11	7.52E-12
3514	478363.09, 3849877.25	8.37E-08	2.64E-11	7.68E-12	8.26E-08	2.61E-11	7.58E-12	8.02E-08	2.53E-11	7.36E-12
3515	478863.09, 3849877.25	8.64E-08	2.73E-11	7.93E-12	8.53E-08	2.69E-11	7.83E-12	8.28E-08	2.61E-11	7.60E-12

3516	479363.09, 3849877.25	8.67E-08	2.74E-11	7.96E-12	8.55E-08	2.70E-11	7.85E-12	8.31E-08	2.62E-11	7.63E-12
3517	479863.09, 3849877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
3518	480363.09, 3849877.25	8.94E-08	2.82E-11	8.21E-12	8.82E-08	2.78E-11	8.10E-12	8.57E-08	2.70E-11	7.87E-12
3519	480863.09, 3849877.25	8.17E-08	2.58E-11	7.50E-12	8.07E-08	2.55E-11	7.40E-12	7.83E-08	2.47E-11	7.19E-12
3520	481363.09, 3849877.25	7.48E-08	2.36E-11	6.87E-12	7.39E-08	2.33E-11	6.78E-12	7.17E-08	2.26E-11	6.58E-12
3521	481863.09, 3849877.25	5.13E-08	1.62E-11	4.71E-12	5.06E-08	1.60E-11	4.65E-12	4.91E-08	1.55E-11	4.51E-12
3522	482363.09, 3849877.25	4.35E-08	1.37E-11	3.99E-12	4.29E-08	1.35E-11	3.94E-12	4.17E-08	1.31E-11	3.82E-12
3523	482863.09, 3849877.25	3.66E-08	1.15E-11	3.36E-12	3.61E-08	1.14E-11	3.31E-12	3.50E-08	1.11E-11	3.22E-12
3524	483363.09, 3849877.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12
3525	483863.09, 3849877.25	3.10E-08	9.78E-12	2.84E-12	3.06E-08	9.65E-12	2.81E-12	2.97E-08	9.37E-12	2.73E-12
3526	484363.09, 3849877.25	4.49E-08	1.42E-11	4.12E-12	4.43E-08	1.40E-11	4.07E-12	4.30E-08	1.36E-11	3.95E-12
3527	484863.09, 3849877.25	6.03E-08	1.90E-11	5.53E-12	5.95E-08	1.88E-11	5.46E-12	5.77E-08	1.82E-11	5.30E-12
3528	485363.09, 3849877.25	5.39E-08	1.70E-11	4.95E-12	5.32E-08	1.68E-11	4.88E-12	5.16E-08	1.63E-11	4.74E-12
3529	485863.09, 3849877.25	4.45E-08	1.40E-11	4.09E-12	4.39E-08	1.39E-11	4.03E-12	4.27E-08	1.35E-11	3.92E-12
3530	486363.09, 3849877.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3531	486863.09, 3849877.25	4.26E-08	1.34E-11	3.91E-12	4.20E-08	1.33E-11	3.86E-12	4.08E-08	1.29E-11	3.74E-12
3532	487363.09, 3849877.25	4.14E-08	1.31E-11	3.80E-12	4.08E-08	1.29E-11	3.75E-12	3.97E-08	1.25E-11	3.64E-12
3533	487863.09, 3849877.25	3.98E-08	1.26E-11	3.66E-12	3.93E-08	1.24E-11	3.61E-12	3.82E-08	1.20E-11	3.50E-12
3534	488363.09, 3849877.25	3.70E-08	1.17E-11	3.39E-12	3.65E-08	1.15E-11	3.35E-12	3.54E-08	1.12E-11	3.25E-12
3535	488863.09, 3849877.25	3.50E-08	1.10E-11	3.21E-12	3.45E-08	1.09E-11	3.17E-12	3.35E-08	1.06E-11	3.08E-12
3536	489363.09, 3849877.25	3.42E-08	1.08E-11	3.14E-12	3.38E-08	1.07E-11	3.10E-12	3.28E-08	1.04E-11	3.01E-12
3537	489863.09, 3849877.25	3.14E-08	9.90E-12	2.88E-12	3.10E-08	9.77E-12	2.84E-12	3.01E-08	9.49E-12	2.76E-12
3538	490363.09, 3849877.25	2.84E-08	8.95E-12	2.60E-12	2.80E-08	8.84E-12	2.57E-12	2.72E-08	8.58E-12	2.50E-12
3539	490863.09, 3849877.25	2.64E-08	8.34E-12	2.43E-12	2.61E-08	8.23E-12	2.39E-12	2.53E-08	7.99E-12	2.32E-12
3540	491363.09, 3849877.25	2.42E-08	7.64E-12	2.22E-12	2.39E-08	7.54E-12	2.19E-12	2.32E-08	7.32E-12	2.13E-12
3541	491863.09, 3849877.25	2.25E-08	7.11E-12	2.07E-12	2.22E-08	7.01E-12	2.04E-12	2.16E-08	6.81E-12	1.98E-12
3542	492363.09, 3849877.25	2.07E-08	6.53E-12	1.90E-12	2.04E-08	6.45E-12	1.87E-12	1.98E-08	6.26E-12	1.82E-12
3543	492863.09, 3849877.25	1.86E-08	5.87E-12	1.71E-12	1.84E-08	5.80E-12	1.69E-12	1.78E-08	5.63E-12	1.64E-12
3544	493363.09, 3849877.25	1.65E-08	5.22E-12	1.52E-12	1.63E-08	5.15E-12	1.50E-12	1.58E-08	5.00E-12	1.45E-12
3545	493863.09, 3849877.25	1.64E-08	5.18E-12	1.51E-12	1.62E-08	5.11E-12	1.49E-12	1.57E-08	4.96E-12	1.44E-12
3546	494363.09, 3849877.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3547	494863.09, 3849877.25	1.98E-08	6.24E-12	1.82E-12	1.95E-08	6.16E-12	1.79E-12	1.90E-08	5.98E-12	1.74E-12
3548	495363.09, 3849877.25	1.85E-08	5.83E-12	1.70E-12	1.82E-08	5.76E-12	1.67E-12	1.77E-08	5.59E-12	1.63E-12
3549	495863.09, 3849877.25	2.12E-08	6.69E-12	1.95E-12	2.09E-08	6.61E-12	1.92E-12	2.03E-08	6.42E-12	1.87E-12
3550	496363.09, 3849877.25	2.34E-08	7.39E-12	2.15E-12	2.31E-08	7.30E-12	2.12E-12	2.24E-08	7.09E-12	2.06E-12
3551	496863.09, 3849877.25	2.52E-08	7.97E-12	2.32E-12	2.49E-08	7.86E-12	2.29E-12	2.42E-08	7.64E-12	2.22E-12
3552	497363.09, 3849877.25	3.16E-08	9.98E-12	2.90E-12	3.12E-08	9.85E-12	2.87E-12	3.03E-08	9.57E-12	2.78E-12
3553	497863.09, 3849877.25	3.57E-08	1.13E-11	3.27E-12	3.52E-08	1.11E-11	3.23E-12	3.42E-08	1.08E-11	3.14E-12
3554	498363.09, 3849877.25	3.44E-08	1.08E-11	3.15E-12	3.39E-08	1.07E-11	3.11E-12	3.29E-08	1.04E-11	3.02E-12
3555	471363.09, 3850377.25	4.36E-08	1.38E-11	4.00E-12	4.30E-08	1.36E-11	3.95E-12	4.18E-08	1.32E-11	3.84E-12
3556	471863.09, 3850377.25	5.31E-08	1.68E-11	4.87E-12	5.24E-08	1.65E-11	4.81E-12	5.09E-08	1.61E-11	4.67E-12
3557	472363.09, 3850377.25	5.76E-08	1.82E-11	5.29E-12	5.69E-08	1.80E-11	5.22E-12	5.53E-08	1.74E-11	5.07E-12
3558	472863.09, 3850377.25	6.57E-08	2.07E-11	6.03E-12	6.49E-08	2.05E-11	5.95E-12	6.30E-08	1.99E-11	5.78E-12
3559	473363.09, 3850377.25	7.01E-08	2.21E-11	6.44E-12	6.92E-08	2.18E-11	6.36E-12	6.72E-08	2.12E-11	6.17E-12
3560	473863.09, 3850377.25	7.50E-08	2.37E-11	6.88E-12	7.40E-08	2.33E-11	6.79E-12	7.18E-08	2.27E-11	6.60E-12
3561	474363.09, 3850377.25	7.78E-08	2.46E-11	7.14E-12	7.68E-08	2.42E-11	7.05E-12	7.46E-08	2.35E-11	6.85E-12
3562	474863.09, 3850377.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
3563	475363.09, 3850377.25	8.30E-08	2.62E-11	7.62E-12	8.19E-08	2.59E-11	7.52E-12	7.96E-08	2.51E-11	7.31E-12
3564	475863.09, 3850377.25	8.59E-08	2.71E-11	7.88E-12	8.48E-08	2.68E-11	7.78E-12	8.23E-08	2.60E-11	7.56E-12
3565	476363.09, 3850377.25	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
3566	476863.09, 3850377.25	8.98E-08	2.83E-11	8.24E-12	8.86E-08	2.80E-11	8.14E-12	8.61E-08	2.72E-11	7.90E-12
3567	477363.09, 3850377.25	9.28E-08	2.93E-11	8.52E-12	9.16E-08	2.89E-11	8.41E-12	8.89E-08	2.81E-11	8.16E-12
3568	477863.09, 3850377.25	9.43E-08	2.98E-11	8.66E-12	9.31E-08	2.94E-11	8.55E-12	9.04E-08	2.85E-11	8.30E-12
3569	478363.09, 3850377.25	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
3570	478863.09, 3850377.25	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
3571	479363.09, 3850377.25	9.75E-08	3.08E-11	8.95E-12	9.62E-08	3.04E-11	8.83E-12	9.34E-08	2.95E-11	8.58E-12
3572	479863.09, 3850377.25	9.92E-08	3.13E-11	9.10E-12	9.79E-08	3.09E-11	8.98E-12	9.50E-08	3.00E-11	8.72E-12
3573	480363.09, 3850377.25	1.05E-07	3.31E-11	9.64E-12	1.04E-07	3.27E-11	9.52E-12	1.01E-07	3.18E-11	9.24E-12
3574	480863.09, 3850377.25	1.09E-07	3.44E-11	1.00E-11	1.08E-07	3.39E-11	9.87E-12	1.04E-07	3.29E-11	9.58E-12
3575	481363.09, 3850377.25	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
3576	481863.09, 3850377.25	8.11E-08	2.56E-11	7.44E-12	8.00E-08	2.53E-11	7.35E-12	7.77E-08	2.45E-11	7.13E-12
3577	482363.09, 3850377.25	7.30E-08	2.30E-11	6.70E-12	7.21E-08	2.27E-11	6.61E-12	7.00E-08	2.21E-11	6.42E-12
3578	482863.09, 3850377.25	5.50E-08	1.74E-11	5.05E-12	5.43E-08	1.71E-11	4.99E-12	5.28E-08	1.67E-11	4.84E-12
3579	483363.09, 3850377.25	4.27E-08	1.35E-11	3.92E-12	4.21E-08	1.33E-11	3.87E-12	4.09E-08	1.29E-11	3.76E-12
3580	483863.09, 3850377.25	4.71E-08	1.49E-11	4.32E-12	4.65E-08	1.47E-11	4.27E-12	4.51E-08	1.42E-11	4.14E-12
3581	484363.09, 3850377.25	5.83E-08	1.84E-11	5.35E-12	5.75E-08	1.82E-11	5.28E-12	5.59E-08	1.76E-11	5.13E-12
3582	484863.09, 3850377.25	7.03E-08	2.22E-11	6.45E-12	6.94E-08	2.19E-11	6.37E-12	6.73E-08	2.13E-11	6.18E-12
3583	485363.09, 3850377.25	6.75E-08	2.13E-11	6.20E-12	6.67E-08	2.10E-11	6.12E-12	6.47E-08	2.04E-11	5.94E-12
3584	485863.09, 3850377.25	6.01E-08	1.90E-11	5.52E-12	5.93E-08	1.87E-11	5.45E-12	5.76E-08	1.82E-11	5.29E-12

3585	486363.09, 3850377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3586	486863.09, 3850377.25	5.32E-08	1.68E-11	4.89E-12	5.25E-08	1.66E-11	4.82E-12	5.10E-08	1.61E-11	4.68E-12
3587	487363.09, 3850377.25	4.95E-08	1.56E-11	4.54E-12	4.88E-08	1.54E-11	4.48E-12	4.74E-08	1.50E-11	4.35E-12
3588	487863.09, 3850377.25	4.76E-08	1.50E-11	4.37E-12	4.70E-08	1.48E-11	4.32E-12	4.56E-08	1.44E-11	4.19E-12
3589	488363.09, 3850377.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
3590	488863.09, 3850377.25	4.13E-08	1.30E-11	3.79E-12	4.07E-08	1.29E-11	3.74E-12	3.95E-08	1.25E-11	3.63E-12
3591	489363.09, 3850377.25	3.92E-08	1.24E-11	3.60E-12	3.87E-08	1.22E-11	3.55E-12	3.75E-08	1.18E-11	3.45E-12
3592	489863.09, 3850377.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3593	490363.09, 3850377.25	3.27E-08	1.03E-11	3.00E-12	3.22E-08	1.02E-11	2.96E-12	3.13E-08	9.88E-12	2.87E-12
3594	490863.09, 3850377.25	2.99E-08	9.45E-12	2.75E-12	2.95E-08	9.32E-12	2.71E-12	2.87E-08	9.05E-12	2.63E-12
3595	491363.09, 3850377.25	2.76E-08	8.71E-12	2.53E-12	2.72E-08	8.59E-12	2.50E-12	2.64E-08	8.35E-12	2.43E-12
3596	491863.09, 3850377.25	2.51E-08	7.93E-12	2.31E-12	2.48E-08	7.82E-12	2.28E-12	2.41E-08	7.60E-12	2.21E-12
3597	492363.09, 3850377.25	2.25E-08	7.11E-12	2.07E-12	2.22E-08	7.01E-12	2.04E-12	2.16E-08	6.81E-12	1.98E-12
3598	492863.09, 3850377.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3599	493363.09, 3850377.25	1.89E-08	5.96E-12	1.73E-12	1.86E-08	5.88E-12	1.71E-12	1.81E-08	5.71E-12	1.66E-12
3600	493863.09, 3850377.25	2.04E-08	6.45E-12	1.88E-12	2.02E-08	6.36E-12	1.85E-12	1.96E-08	6.18E-12	1.80E-12
3601	494363.09, 3850377.25	2.10E-08	6.61E-12	1.92E-12	2.07E-08	6.53E-12	1.90E-12	2.01E-08	6.34E-12	1.84E-12
3602	494863.09, 3850377.25	2.25E-08	7.11E-12	2.07E-12	2.22E-08	7.01E-12	2.04E-12	2.16E-08	6.81E-12	1.98E-12
3603	495363.09, 3850377.25	2.63E-08	8.30E-12	2.41E-12	2.59E-08	8.19E-12	2.38E-12	2.52E-08	7.95E-12	2.31E-12
3604	495863.09, 3850377.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3605	496363.09, 3850377.25	3.05E-08	9.61E-12	2.80E-12	3.01E-08	9.49E-12	2.76E-12	2.92E-08	9.21E-12	2.68E-12
3606	496863.09, 3850377.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3607	497363.09, 3850377.25	3.98E-08	1.26E-11	3.66E-12	3.93E-08	1.24E-11	3.61E-12	3.82E-08	1.20E-11	3.50E-12
3608	497863.09, 3850377.25	3.96E-08	1.25E-11	3.63E-12	3.90E-08	1.23E-11	3.58E-12	3.79E-08	1.20E-11	3.48E-12
3609	498363.09, 3850377.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3610	471363.09, 3850877.25	4.87E-08	1.54E-11	4.47E-12	4.80E-08	1.52E-11	4.41E-12	4.66E-08	1.47E-11	4.28E-12
3611	471863.09, 3850877.25	5.32E-08	1.68E-11	4.89E-12	5.25E-08	1.66E-11	4.82E-12	5.10E-08	1.61E-11	4.68E-12
3612	472363.09, 3850877.25	5.96E-08	1.88E-11	5.47E-12	5.88E-08	1.86E-11	5.40E-12	5.71E-08	1.80E-11	5.24E-12
3613	472863.09, 3850877.25	6.49E-08	2.05E-11	5.96E-12	6.41E-08	2.02E-11	5.88E-12	6.22E-08	1.96E-11	5.71E-12
3614	473363.09, 3850877.25	6.47E-08	2.04E-11	5.94E-12	6.38E-08	2.01E-11	5.86E-12	6.20E-08	1.96E-11	5.69E-12
3615	473863.09, 3850877.25	7.16E-08	2.26E-11	6.57E-12	7.06E-08	2.23E-11	6.49E-12	6.86E-08	2.17E-11	6.30E-12
3616	474363.09, 3850877.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
3617	474863.09, 3850877.25	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
3618	475363.09, 3850877.25	8.68E-08	2.74E-11	7.97E-12	8.57E-08	2.70E-11	7.86E-12	8.32E-08	2.63E-11	7.64E-12
3619	475863.09, 3850877.25	8.97E-08	2.83E-11	8.23E-12	8.85E-08	2.79E-11	8.12E-12	8.59E-08	2.71E-11	7.89E-12
3620	476363.09, 3850877.25	9.29E-08	2.93E-11	8.53E-12	9.17E-08	2.89E-11	8.42E-12	8.91E-08	2.81E-11	8.18E-12
3621	476863.09, 3850877.25	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
3622	477363.09, 3850877.25	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3623	477863.09, 3850877.25	1.01E-07	3.20E-11	9.29E-12	9.99E-08	3.15E-11	9.17E-12	9.70E-08	3.06E-11	8.91E-12
3624	478363.09, 3850877.25	1.04E-07	3.28E-11	9.53E-12	1.02E-07	3.23E-11	9.41E-12	9.95E-08	3.14E-11	9.14E-12
3625	478863.09, 3850877.25	1.06E-07	3.34E-11	9.72E-12	1.05E-07	3.30E-11	9.60E-12	1.02E-07	3.20E-11	9.32E-12
3626	479363.09, 3850877.25	1.06E-07	3.34E-11	9.71E-12	1.04E-07	3.30E-11	9.59E-12	1.01E-07	3.20E-11	9.31E-12
3627	479863.09, 3850877.25	1.06E-07	3.36E-11	9.76E-12	1.05E-07	3.31E-11	9.63E-12	1.02E-07	3.22E-11	9.35E-12
3628	480363.09, 3850877.25	1.15E-07	3.63E-11	1.06E-11	1.14E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
3629	480863.09, 3850877.25	1.25E-07	3.93E-11	1.14E-11	1.23E-07	3.88E-11	1.13E-11	1.19E-07	3.77E-11	1.10E-11
3630	481363.09, 3850877.25	1.26E-07	3.98E-11	1.16E-11	1.24E-07	3.93E-11	1.14E-11	1.21E-07	3.81E-11	1.11E-11
3631	481863.09, 3850877.25	1.18E-07	3.71E-11	1.08E-11	1.16E-07	3.66E-11	1.06E-11	1.13E-07	3.55E-11	1.03E-11
3632	482363.09, 3850877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
3633	482863.09, 3850877.25	8.20E-08	2.59E-11	7.53E-12	8.09E-08	2.55E-11	7.43E-12	7.86E-08	2.48E-11	7.21E-12
3634	483363.09, 3850877.25	6.78E-08	2.14E-11	6.22E-12	6.69E-08	2.11E-11	6.14E-12	6.50E-08	2.05E-11	5.97E-12
3635	483863.09, 3850877.25	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
3636	484363.09, 3850877.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
3637	484863.09, 3850877.25	7.83E-08	2.47E-11	7.19E-12	7.73E-08	2.44E-11	7.10E-12	7.51E-08	2.37E-11	6.89E-12
3638	485363.09, 3850877.25	7.94E-08	2.51E-11	7.29E-12	7.83E-08	2.47E-11	7.19E-12	7.61E-08	2.40E-11	6.98E-12
3639	485863.09, 3850877.25	7.00E-08	2.21E-11	6.43E-12	6.91E-08	2.18E-11	6.34E-12	6.71E-08	2.12E-11	6.16E-12
3640	486363.09, 3850877.25	7.18E-08	2.27E-11	6.59E-12	7.09E-08	2.24E-11	6.51E-12	6.88E-08	2.17E-11	6.32E-12
3641	486863.09, 3850877.25	6.64E-08	2.09E-11	6.09E-12	6.55E-08	2.07E-11	6.01E-12	6.36E-08	2.01E-11	5.84E-12
3642	487363.09, 3850877.25	5.87E-08	1.85E-11	5.39E-12	5.79E-08	1.83E-11	5.32E-12	5.62E-08	1.78E-11	5.16E-12
3643	487863.09, 3850877.25	5.66E-08	1.79E-11	5.20E-12	5.59E-08	1.76E-11	5.13E-12	5.43E-08	1.71E-11	4.98E-12
3644	488363.09, 3850877.25	5.26E-08	1.66E-11	4.83E-12	5.19E-08	1.64E-11	4.76E-12	5.04E-08	1.59E-11	4.63E-12
3645	488863.09, 3850877.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3646	489363.09, 3850877.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12
3647	489863.09, 3850877.25	4.09E-08	1.29E-11	3.75E-12	4.03E-08	1.27E-11	3.70E-12	3.92E-08	1.24E-11	3.60E-12
3648	490363.09, 3850877.25	3.90E-08	1.23E-11	3.58E-12	3.85E-08	1.22E-11	3.54E-12	3.74E-08	1.18E-11	3.43E-12
3649	490863.09, 3850877.25	3.50E-08	1.10E-11	3.21E-12	3.45E-08	1.09E-11	3.17E-12	3.35E-08	1.06E-11	3.08E-12
3650	491363.09, 3850877.25	3.19E-08	1.01E-11	2.93E-12	3.15E-08	9.93E-12	2.89E-12	3.06E-08	9.64E-12	2.81E-12
3651	491863.09, 3850877.25	2.92E-08	9.20E-12	2.68E-12	2.88E-08	9.08E-12	2.64E-12	2.79E-08	8.82E-12	2.56E-12
3652	492363.09, 3850877.25	2.63E-08	8.30E-12	2.41E-12	2.59E-08	8.19E-12	2.38E-12	2.52E-08	7.95E-12	2.31E-12
3653	492863.09, 3850877.25	2.37E-08	7.48E-12	2.17E-12	2.34E-08	7.38E-12	2.15E-12	2.27E-08	7.16E-12	2.08E-12

3654	493363.09, 3850877.25	2.39E-08	7.56E-12	2.20E-12	2.36E-08	7.46E-12	2.17E-12	2.29E-08	7.24E-12	2.11E-12
3655	493863.09, 3850877.25	2.58E-08	8.13E-12	2.37E-12	2.54E-08	8.03E-12	2.33E-12	2.47E-08	7.79E-12	2.27E-12
3656	494363.09, 3850877.25	2.56E-08	8.09E-12	2.35E-12	2.53E-08	7.99E-12	2.32E-12	2.46E-08	7.75E-12	2.26E-12
3657	494863.09, 3850877.25	2.84E-08	8.95E-12	2.60E-12	2.80E-08	8.84E-12	2.57E-12	2.72E-08	8.58E-12	2.50E-12
3658	495363.09, 3850877.25	3.21E-08	1.01E-11	2.95E-12	3.17E-08	1.00E-11	2.91E-12	3.08E-08	9.72E-12	2.83E-12
3659	495863.09, 3850877.25	3.49E-08	1.10E-11	3.20E-12	3.44E-08	1.09E-11	3.16E-12	3.34E-08	1.05E-11	3.07E-12
3660	496363.09, 3850877.25	3.81E-08	1.20E-11	3.50E-12	3.76E-08	1.19E-11	3.45E-12	3.65E-08	1.15E-11	3.35E-12
3661	496863.09, 3850877.25	4.58E-08	1.45E-11	4.21E-12	4.52E-08	1.43E-11	4.15E-12	4.39E-08	1.39E-11	4.03E-12
3662	497363.09, 3850877.25	4.62E-08	1.46E-11	4.24E-12	4.56E-08	1.44E-11	4.19E-12	4.43E-08	1.40E-11	4.06E-12
3663	497863.09, 3850877.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12
3664	498363.09, 3850877.25	4.66E-08	1.47E-11	4.28E-12	4.60E-08	1.45E-11	4.22E-12	4.47E-08	1.41E-11	4.10E-12
3665	471363.09, 3851377.25	5.21E-08	1.64E-11	4.78E-12	5.14E-08	1.62E-11	4.72E-12	4.99E-08	1.57E-11	4.58E-12
3666	471863.09, 3851377.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3667	472363.09, 3851377.25	6.03E-08	1.90E-11	5.53E-12	5.95E-08	1.88E-11	5.46E-12	5.77E-08	1.82E-11	5.30E-12
3668	472863.09, 3851377.25	6.21E-08	1.96E-11	5.70E-12	6.13E-08	1.93E-11	5.62E-12	5.95E-08	1.88E-11	5.46E-12
3669	473363.09, 3851377.25	6.01E-08	1.90E-11	5.52E-12	5.93E-08	1.87E-11	5.45E-12	5.76E-08	1.82E-11	5.29E-12
3670	473863.09, 3851377.25	6.38E-08	2.01E-11	5.85E-12	6.29E-08	1.99E-11	5.78E-12	6.11E-08	1.93E-11	5.61E-12
3671	474363.09, 3851377.25	7.25E-08	2.29E-11	6.65E-12	7.15E-08	2.26E-11	6.57E-12	6.95E-08	2.19E-11	6.38E-12
3672	474863.09, 3851377.25	8.08E-08	2.55E-11	7.42E-12	7.98E-08	2.52E-11	7.32E-12	7.75E-08	2.44E-11	7.11E-12
3673	475363.09, 3851377.25	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
3674	475863.09, 3851377.25	9.36E-08	2.95E-11	8.59E-12	9.23E-08	2.91E-11	8.48E-12	8.97E-08	2.83E-11	8.23E-12
3675	476363.09, 3851377.25	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
3676	476863.09, 3851377.25	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3677	477363.09, 3851377.25	1.04E-07	3.30E-11	9.59E-12	1.03E-07	3.26E-11	9.47E-12	1.00E-07	3.16E-11	9.19E-12
3678	477863.09, 3851377.25	1.08E-07	3.40E-11	9.88E-12	1.06E-07	3.35E-11	9.75E-12	1.03E-07	3.26E-11	9.47E-12
3679	478363.09, 3851377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.43E-11	9.99E-12	1.06E-07	3.33E-11	9.70E-12
3680	478863.09, 3851377.25	1.14E-07	3.59E-11	1.05E-11	1.12E-07	3.55E-11	1.03E-11	1.09E-07	3.44E-11	1.00E-11
3681	479363.09, 3851377.25	1.16E-07	3.67E-11	1.07E-11	1.15E-07	3.62E-11	1.05E-11	1.12E-07	3.52E-11	1.02E-11
3682	479863.09, 3851377.25	1.18E-07	3.73E-11	1.08E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3683	480363.09, 3851377.25	1.21E-07	3.80E-11	1.11E-11	1.19E-07	3.75E-11	1.09E-11	1.15E-07	3.65E-11	1.06E-11
3684	480863.09, 3851377.25	1.29E-07	4.07E-11	1.18E-11	1.27E-07	4.01E-11	1.17E-11	1.23E-07	3.90E-11	1.13E-11
3685	481363.09, 3851377.25	1.41E-07	4.45E-11	1.30E-11	1.39E-07	4.39E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
3686	481863.09, 3851377.25	1.41E-07	4.46E-11	1.30E-11	1.39E-07	4.40E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
3687	482363.09, 3851377.25	1.34E-07	4.24E-11	1.23E-11	1.33E-07	4.19E-11	1.22E-11	1.29E-07	4.07E-11	1.18E-11
3688	482863.09, 3851377.25	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.41E-11	9.92E-12	1.05E-07	3.31E-11	9.63E-12
3689	483363.09, 3851377.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
3690	483863.09, 3851377.25	8.12E-08	2.56E-11	7.45E-12	8.01E-08	2.53E-11	7.36E-12	7.78E-08	2.46E-11	7.14E-12
3691	484363.09, 3851377.25	9.77E-08	3.08E-11	8.97E-12	9.65E-08	3.04E-11	8.86E-12	9.37E-08	2.96E-11	8.60E-12
3692	484863.09, 3851377.25	7.77E-08	2.45E-11	7.13E-12	7.67E-08	2.42E-11	7.04E-12	7.45E-08	2.35E-11	6.84E-12
3693	485363.09, 3851377.25	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
3694	485863.09, 3851377.25	8.16E-08	2.58E-11	7.49E-12	8.05E-08	2.54E-11	7.39E-12	7.82E-08	2.47E-11	7.18E-12
3695	486363.09, 3851377.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
3696	486863.09, 3851377.25	8.22E-08	2.60E-11	7.55E-12	8.12E-08	2.56E-11	7.45E-12	7.88E-08	2.49E-11	7.24E-12
3697	487363.09, 3851377.25	6.53E-08	2.06E-11	6.00E-12	6.45E-08	2.03E-11	5.92E-12	6.26E-08	1.98E-11	5.75E-12
3698	487863.09, 3851377.25	6.64E-08	2.09E-11	6.09E-12	6.55E-08	2.07E-11	6.01E-12	6.36E-08	2.01E-11	5.84E-12
3699	488363.09, 3851377.25	6.32E-08	2.00E-11	5.81E-12	6.24E-08	1.97E-11	5.73E-12	6.06E-08	1.91E-11	5.56E-12
3700	488863.09, 3851377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
3701	489363.09, 3851377.25	5.39E-08	1.70E-11	4.95E-12	5.32E-08	1.68E-11	4.88E-12	5.16E-08	1.63E-11	4.74E-12
3702	489863.09, 3851377.25	4.75E-08	1.50E-11	4.36E-12	4.69E-08	1.48E-11	4.30E-12	4.55E-08	1.44E-11	4.18E-12
3703	490363.09, 3851377.25	4.53E-08	1.43E-11	4.16E-12	4.47E-08	1.41E-11	4.10E-12	4.34E-08	1.37E-11	3.98E-12
3704	490863.09, 3851377.25	4.03E-08	1.27E-11	3.70E-12	3.98E-08	1.26E-11	3.66E-12	3.87E-08	1.22E-11	3.55E-12
3705	491363.09, 3851377.25	3.67E-08	1.16E-11	3.37E-12	3.62E-08	1.14E-11	3.33E-12	3.52E-08	1.11E-11	3.23E-12
3706	491863.09, 3851377.25	3.34E-08	1.06E-11	3.07E-12	3.30E-08	1.04E-11	3.03E-12	3.21E-08	1.01E-11	2.94E-12
3707	492363.09, 3851377.25	3.06E-08	9.65E-12	2.81E-12	3.02E-08	9.53E-12	2.77E-12	2.93E-08	9.25E-12	2.69E-12
3708	492863.09, 3851377.25	2.80E-08	8.83E-12	2.57E-12	2.76E-08	8.72E-12	2.54E-12	2.68E-08	8.46E-12	2.46E-12
3709	493363.09, 3851377.25	2.62E-08	8.26E-12	2.40E-12	2.58E-08	8.15E-12	2.37E-12	2.51E-08	7.91E-12	2.30E-12
3710	493863.09, 3851377.25	2.76E-08	8.71E-12	2.53E-12	2.72E-08	8.59E-12	2.50E-12	2.64E-08	8.35E-12	2.43E-12
3711	494363.09, 3851377.25	3.08E-08	9.73E-12	2.83E-12	3.04E-08	9.61E-12	2.79E-12	2.96E-08	9.33E-12	2.71E-12
3712	494863.09, 3851377.25	3.45E-08	1.09E-11	3.17E-12	3.40E-08	1.07E-11	3.12E-12	3.31E-08	1.04E-11	3.03E-12
3713	495363.09, 3851377.25	4.14E-08	1.31E-11	3.80E-12	4.08E-08	1.29E-11	3.75E-12	3.97E-08	1.25E-11	3.64E-12
3714	495863.09, 3851377.25	4.68E-08	1.48E-11	4.30E-12	4.62E-08	1.46E-11	4.24E-12	4.49E-08	1.42E-11	4.12E-12
3715	496363.09, 3851377.25	5.23E-08	1.65E-11	4.80E-12	5.16E-08	1.63E-11	4.74E-12	5.01E-08	1.58E-11	4.60E-12
3716	496863.09, 3851377.25	5.37E-08	1.70E-11	4.93E-12	5.30E-08	1.67E-11	4.87E-12	5.15E-08	1.63E-11	4.73E-12
3717	497363.09, 3851377.25	5.40E-08	1.70E-11	4.96E-12	5.33E-08	1.68E-11	4.89E-12	5.18E-08	1.63E-11	4.75E-12
3718	497863.09, 3851377.25	5.52E-08	1.74E-11	5.07E-12	5.45E-08	1.72E-11	5.00E-12	5.29E-08	1.67E-11	4.85E-12
3719	498363.09, 3851377.25	5.45E-08	1.72E-11	5.01E-12	5.38E-08	1.70E-11	4.94E-12	5.23E-08	1.65E-11	4.80E-12
3720	471363.09, 3851877.25	5.87E-08	1.85E-11	5.39E-12	5.79E-08	1.83E-11	5.32E-12	5.62E-08	1.78E-11	5.16E-12
3721	471863.09, 3851877.25	5.69E-08	1.79E-11	5.22E-12	5.61E-08	1.77E-11	5.15E-12	5.45E-08	1.72E-11	5.00E-12
3722	472363.09, 3851877.25	6.06E-08	1.91E-11	5.57E-12	5.99E-08	1.89E-11	5.49E-12	5.81E-08	1.83E-11	5.34E-12

3723	472863.09, 3851877.25	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
3724	473363.09, 3851877.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
3725	473863.09, 3851877.25	6.32E-08	2.00E-11	5.81E-12	6.24E-08	1.97E-11	5.73E-12	6.06E-08	1.91E-11	5.56E-12
3726	474363.09, 3851877.25	7.08E-08	2.23E-11	6.50E-12	6.99E-08	2.21E-11	6.41E-12	6.78E-08	2.14E-11	6.23E-12
3727	474863.09, 3851877.25	7.85E-08	2.48E-11	7.20E-12	7.74E-08	2.44E-11	7.11E-12	7.52E-08	2.37E-11	6.90E-12
3728	475363.09, 3851877.25	8.41E-08	2.65E-11	7.72E-12	8.30E-08	2.62E-11	7.62E-12	8.06E-08	2.54E-11	7.40E-12
3729	475863.09, 3851877.25	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
3730	476363.09, 3851877.25	9.36E-08	2.95E-11	8.59E-12	9.23E-08	2.91E-11	8.48E-12	8.97E-08	2.83E-11	8.23E-12
3731	476863.09, 3851877.25	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
3732	477363.09, 3851877.25	1.04E-07	3.28E-11	9.55E-12	1.03E-07	3.24E-11	9.42E-12	9.97E-08	3.15E-11	9.15E-12
3733	477863.09, 3851877.25	1.09E-07	3.43E-11	9.98E-12	1.07E-07	3.38E-11	9.85E-12	1.04E-07	3.29E-11	9.56E-12
3734	478363.09, 3851877.25	1.12E-07	3.52E-11	1.02E-11	1.10E-07	3.47E-11	1.01E-11	1.07E-07	3.37E-11	9.81E-12
3735	478863.09, 3851877.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3736	479363.09, 3851877.25	1.25E-07	3.93E-11	1.14E-11	1.23E-07	3.88E-11	1.13E-11	1.19E-07	3.77E-11	1.10E-11
3737	479863.09, 3851877.25	1.29E-07	4.08E-11	1.19E-11	1.28E-07	4.03E-11	1.17E-11	1.24E-07	3.91E-11	1.14E-11
3738	480363.09, 3851877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.08E-11	1.19E-11	1.26E-07	3.96E-11	1.15E-11
3739	480863.09, 3851877.25	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.18E-11	1.21E-11	1.28E-07	4.05E-11	1.18E-11
3740	481363.09, 3851877.25	1.44E-07	4.55E-11	1.32E-11	1.42E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
3741	481863.09, 3851877.25	1.56E-07	4.91E-11	1.43E-11	1.53E-07	4.84E-11	1.41E-11	1.49E-07	4.70E-11	1.37E-11
3742	482363.09, 3851877.25	1.45E-07	4.59E-11	1.33E-11	1.43E-07	4.53E-11	1.32E-11	1.39E-07	4.40E-11	1.28E-11
3743	482863.09, 3851877.25	1.20E-07	3.79E-11	1.10E-11	1.19E-07	3.74E-11	1.09E-11	1.15E-07	3.63E-11	1.06E-11
3744	483363.09, 3851877.25	1.18E-07	3.73E-11	1.08E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
3745	483863.09, 3851877.25	1.15E-07	3.62E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.47E-11	1.01E-11
3746	484363.09, 3851877.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
3747	484863.09, 3851877.25	1.13E-07	3.55E-11	1.03E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.40E-11	9.90E-12
3748	485363.09, 3851877.25	1.15E-07	3.61E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
3749	485863.09, 3851877.25	1.11E-07	3.50E-11	1.02E-11	1.09E-07	3.45E-11	1.00E-11	1.06E-07	3.35E-11	9.76E-12
3750	486363.09, 3851877.25	9.99E-08	3.15E-11	9.18E-12	9.86E-08	3.11E-11	9.06E-12	9.58E-08	3.02E-11	8.79E-12
3751	486863.09, 3851877.25	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
3752	487363.09, 3851877.25	9.04E-08	2.85E-11	8.30E-12	8.93E-08	2.82E-11	8.19E-12	8.67E-08	2.74E-11	7.96E-12
3753	487863.09, 3851877.25	7.11E-08	2.24E-11	6.52E-12	7.01E-08	2.21E-11	6.44E-12	6.81E-08	2.15E-11	6.25E-12
3754	488363.09, 3851877.25	6.64E-08	2.09E-11	6.09E-12	6.55E-08	2.07E-11	6.01E-12	6.36E-08	2.01E-11	5.84E-12
3755	488863.09, 3851877.25	5.57E-08	1.76E-11	5.11E-12	5.50E-08	1.73E-11	5.05E-12	5.34E-08	1.68E-11	4.90E-12
3756	489363.09, 3851877.25	5.11E-08	1.61E-11	4.70E-12	5.05E-08	1.59E-11	4.63E-12	4.90E-08	1.55E-11	4.50E-12
3757	489863.09, 3851877.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
3758	490363.09, 3851877.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3759	490863.09, 3851877.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3760	491363.09, 3851877.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3761	491863.09, 3851877.25	3.97E-08	1.25E-11	3.64E-12	3.92E-08	1.24E-11	3.60E-12	3.80E-08	1.20E-11	3.49E-12
3762	492363.09, 3851877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
3763	492863.09, 3851877.25	3.03E-08	9.57E-12	2.78E-12	2.99E-08	9.45E-12	2.75E-12	2.91E-08	9.17E-12	2.67E-12
3764	493363.09, 3851877.25	3.67E-08	1.16E-11	3.37E-12	3.62E-08	1.14E-11	3.33E-12	3.52E-08	1.11E-11	3.23E-12
3765	493863.09, 3851877.25	4.20E-08	1.33E-11	3.86E-12	4.15E-08	1.31E-11	3.81E-12	4.03E-08	1.27E-11	3.70E-12
3766	494363.09, 3851877.25	4.19E-08	1.32E-11	3.85E-12	4.14E-08	1.31E-11	3.80E-12	4.02E-08	1.27E-11	3.69E-12
3767	494863.09, 3851877.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
3768	495363.09, 3851877.25	5.62E-08	1.77E-11	5.16E-12	5.55E-08	1.75E-11	5.09E-12	5.39E-08	1.70E-11	4.95E-12
3769	495863.09, 3851877.25	6.26E-08	1.98E-11	5.75E-12	6.18E-08	1.95E-11	5.67E-12	6.00E-08	1.89E-11	5.51E-12
3770	496363.09, 3851877.25	6.52E-08	2.06E-11	5.99E-12	6.43E-08	2.03E-11	5.91E-12	6.25E-08	1.97E-11	5.74E-12
3771	496863.09, 3851877.25	6.39E-08	2.02E-11	5.87E-12	6.31E-08	1.99E-11	5.79E-12	6.12E-08	1.93E-11	5.62E-12
3772	497363.09, 3851877.25	6.47E-08	2.04E-11	5.94E-12	6.38E-08	2.01E-11	5.86E-12	6.20E-08	1.96E-11	5.69E-12
3773	497863.09, 3851877.25	6.34E-08	2.00E-11	5.82E-12	6.25E-08	1.97E-11	5.74E-12	6.07E-08	1.92E-11	5.58E-12
3774	498363.09, 3851877.25	6.27E-08	1.98E-11	5.76E-12	6.19E-08	1.95E-11	5.68E-12	6.01E-08	1.90E-11	5.52E-12
3775	471363.09, 3852377.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3776	471863.09, 3852377.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3777	472363.09, 3852377.25	6.56E-08	2.07E-11	6.02E-12	6.47E-08	2.04E-11	5.94E-12	6.29E-08	1.98E-11	5.77E-12
3778	472863.09, 3852377.25	6.74E-08	2.13E-11	6.19E-12	6.65E-08	2.10E-11	6.11E-12	6.46E-08	2.04E-11	5.93E-12
3779	473363.09, 3852377.25	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
3780	473863.09, 3852377.25	6.81E-08	2.15E-11	6.25E-12	6.72E-08	2.12E-11	6.17E-12	6.52E-08	2.06E-11	5.99E-12
3781	474363.09, 3852377.25	6.92E-08	2.19E-11	6.36E-12	6.83E-08	2.16E-11	6.27E-12	6.64E-08	2.09E-11	6.09E-12
3782	474863.09, 3852377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
3783	475363.09, 3852377.25	8.29E-08	2.62E-11	7.61E-12	8.18E-08	2.58E-11	7.51E-12	7.94E-08	2.51E-11	7.29E-12
3784	475863.09, 3852377.25	8.51E-08	2.69E-11	7.81E-12	8.40E-08	2.65E-11	7.71E-12	8.16E-08	2.57E-11	7.49E-12
3785	476363.09, 3852377.25	8.64E-08	2.73E-11	7.93E-12	8.53E-08	2.69E-11	7.83E-12	8.28E-08	2.61E-11	7.60E-12
3786	476863.09, 3852377.25	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12
3787	477363.09, 3852377.25	9.92E-08	3.13E-11	9.10E-12	9.79E-08	3.09E-11	8.98E-12	9.50E-08	3.00E-11	8.72E-12
3788	477863.09, 3852377.25	9.33E-08	2.94E-11	8.57E-12	9.21E-08	2.91E-11	8.45E-12	8.94E-08	2.82E-11	8.21E-12
3789	478363.09, 3852377.25	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
3790	478863.09, 3852377.25	1.04E-07	3.29E-11	9.56E-12	1.03E-07	3.24E-11	9.43E-12	9.98E-08	3.15E-11	9.16E-12
3791	479363.09, 3852377.25	1.15E-07	3.62E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.47E-11	1.01E-11

3792	479863.09, 3852377.25	1.32E-07	4.18E-11	1.21E-11	1.31E-07	4.12E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11
3793	480363.09, 3852377.25	1.44E-07	4.55E-11	1.32E-11	1.42E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
3794	480863.09, 3852377.25	1.47E-07	4.64E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
3795	481363.09, 3852377.25	1.50E-07	4.73E-11	1.38E-11	1.48E-07	4.67E-11	1.36E-11	1.44E-07	4.53E-11	1.32E-11
3796	481863.09, 3852377.25	1.61E-07	5.08E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.87E-11	1.42E-11
3797	482363.09, 3852377.25	1.75E-07	5.52E-11	1.61E-11	1.73E-07	5.45E-11	1.58E-11	1.68E-07	5.29E-11	1.54E-11
3798	482863.09, 3852377.25	1.76E-07	5.57E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.34E-11	1.55E-11
3799	483363.09, 3852377.25	1.53E-07	4.81E-11	1.40E-11	1.51E-07	4.75E-11	1.38E-11	1.46E-07	4.61E-11	1.34E-11
3800	483863.09, 3852377.25	1.29E-07	4.07E-11	1.19E-11	1.27E-07	4.02E-11	1.17E-11	1.24E-07	3.90E-11	1.14E-11
3801	484363.09, 3852377.25	1.44E-07	4.55E-11	1.32E-11	1.42E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
3802	484863.09, 3852377.25	1.45E-07	4.58E-11	1.33E-11	1.43E-07	4.52E-11	1.31E-11	1.39E-07	4.39E-11	1.28E-11
3803	485363.09, 3852377.25	1.50E-07	4.74E-11	1.38E-11	1.48E-07	4.68E-11	1.36E-11	1.44E-07	4.54E-11	1.32E-11
3804	485863.09, 3852377.25	1.36E-07	4.30E-11	1.25E-11	1.35E-07	4.25E-11	1.24E-11	1.31E-07	4.13E-11	1.20E-11
3805	486363.09, 3852377.25	1.14E-07	3.59E-11	1.04E-11	1.12E-07	3.54E-11	1.03E-11	1.09E-07	3.44E-11	1.00E-11
3806	486863.09, 3852377.25	1.06E-07	3.35E-11	9.74E-12	1.05E-07	3.30E-11	9.61E-12	1.02E-07	3.21E-11	9.33E-12
3807	487363.09, 3852377.25	9.45E-08	2.98E-11	8.67E-12	9.32E-08	2.94E-11	8.56E-12	9.05E-08	2.86E-11	8.31E-12
3808	487863.09, 3852377.25	7.94E-08	2.51E-11	7.29E-12	7.83E-08	2.47E-11	7.19E-12	7.61E-08	2.40E-11	6.98E-12
3809	488363.09, 3852377.25	6.66E-08	2.10E-11	6.12E-12	6.58E-08	2.08E-11	6.04E-12	6.39E-08	2.02E-11	5.86E-12
3810	488863.09, 3852377.25	5.39E-08	1.70E-11	4.95E-12	5.32E-08	1.68E-11	4.88E-12	5.16E-08	1.63E-11	4.74E-12
3811	489363.09, 3852377.25	4.88E-08	1.54E-11	4.48E-12	4.82E-08	1.52E-11	4.42E-12	4.68E-08	1.48E-11	4.29E-12
3812	489863.09, 3852377.25	4.23E-08	1.33E-11	3.88E-12	4.17E-08	1.32E-11	3.83E-12	4.05E-08	1.28E-11	3.72E-12
3813	490363.09, 3852377.25	4.41E-08	1.39E-11	4.05E-12	4.35E-08	1.37E-11	4.00E-12	4.23E-08	1.33E-11	3.88E-12
3814	490863.09, 3852377.25	4.46E-08	1.41E-11	4.10E-12	4.41E-08	1.39E-11	4.04E-12	4.28E-08	1.35E-11	3.93E-12
3815	491363.09, 3852377.25	5.15E-08	1.63E-11	4.73E-12	5.09E-08	1.61E-11	4.67E-12	4.94E-08	1.56E-11	4.53E-12
3816	491863.09, 3852377.25	4.84E-08	1.53E-11	4.44E-12	4.78E-08	1.51E-11	4.39E-12	4.64E-08	1.46E-11	4.26E-12
3817	492363.09, 3852377.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
3818	492863.09, 3852377.25	5.02E-08	1.59E-11	4.61E-12	4.96E-08	1.56E-11	4.55E-12	4.81E-08	1.52E-11	4.42E-12
3819	493363.09, 3852377.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
3820	493863.09, 3852377.25	5.47E-08	1.73E-11	5.02E-12	5.39E-08	1.70E-11	4.95E-12	5.24E-08	1.65E-11	4.81E-12
3821	494363.09, 3852377.25	5.99E-08	1.89E-11	5.50E-12	5.91E-08	1.86E-11	5.42E-12	5.74E-08	1.81E-11	5.27E-12
3822	494863.09, 3852377.25	6.62E-08	2.09E-11	6.08E-12	6.54E-08	2.06E-11	6.00E-12	6.35E-08	2.00E-11	5.83E-12
3823	495363.09, 3852377.25	7.68E-08	2.42E-11	7.05E-12	7.58E-08	2.39E-11	6.96E-12	7.36E-08	2.32E-11	6.76E-12
3824	495863.09, 3852377.25	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
3825	496363.09, 3852377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12
3826	496863.09, 3852377.25	7.77E-08	2.45E-11	7.13E-12	7.67E-08	2.42E-11	7.04E-12	7.45E-08	2.35E-11	6.84E-12
3827	497363.09, 3852377.25	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
3828	497863.09, 3852377.25	7.25E-08	2.29E-11	6.65E-12	7.15E-08	2.26E-11	6.57E-12	6.95E-08	2.19E-11	6.38E-12
3829	498363.09, 3852377.25	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
3830	471363.09, 3852877.25	6.09E-08	1.92E-11	5.59E-12	6.01E-08	1.90E-11	5.52E-12	5.84E-08	1.84E-11	5.36E-12
3831	471863.09, 3852877.25	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
3832	472363.09, 3852877.25	7.03E-08	2.22E-11	6.45E-12	6.94E-08	2.19E-11	6.37E-12	6.73E-08	2.13E-11	6.18E-12
3833	472863.09, 3852877.25	7.35E-08	2.32E-11	6.75E-12	7.26E-08	2.29E-11	6.66E-12	7.05E-08	2.22E-11	6.47E-12
3834	473363.09, 3852877.25	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
3835	473863.09, 3852877.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
3836	474363.09, 3852877.25	8.24E-08	2.60E-11	7.56E-12	8.13E-08	2.57E-11	7.46E-12	7.89E-08	2.49E-11	7.25E-12
3837	474863.09, 3852877.25	7.86E-08	2.48E-11	7.22E-12	7.76E-08	2.45E-11	7.12E-12	7.53E-08	2.38E-11	6.92E-12
3838	475363.09, 3852877.25	8.26E-08	2.61E-11	7.59E-12	8.16E-08	2.57E-11	7.49E-12	7.92E-08	2.50E-11	7.27E-12
3839	475863.09, 3852877.25	8.45E-08	2.67E-11	7.75E-12	8.34E-08	2.63E-11	7.65E-12	8.09E-08	2.55E-11	7.43E-12
3840	476363.09, 3852877.25	8.28E-08	2.61E-11	7.60E-12	8.17E-08	2.58E-11	7.50E-12	7.93E-08	2.50E-11	7.28E-12
3841	476863.09, 3852877.25	7.78E-08	2.46E-11	7.14E-12	7.68E-08	2.42E-11	7.05E-12	7.46E-08	2.35E-11	6.85E-12
3842	477363.09, 3852877.25	7.42E-08	2.34E-11	6.81E-12	7.32E-08	2.31E-11	6.72E-12	7.11E-08	2.24E-11	6.53E-12
3843	477863.09, 3852877.25	7.08E-08	2.23E-11	6.50E-12	6.99E-08	2.21E-11	6.41E-12	6.78E-08	2.14E-11	6.23E-12
3844	478363.09, 3852877.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3845	478863.09, 3852877.25	6.90E-08	2.18E-11	6.33E-12	6.81E-08	2.15E-11	6.25E-12	6.61E-08	2.09E-11	6.07E-12
3846	479363.09, 3852877.25	8.86E-08	2.80E-11	8.14E-12	8.75E-08	2.76E-11	8.03E-12	8.49E-08	2.68E-11	7.80E-12
3847	479863.09, 3852877.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.95E-11	1.15E-11	1.21E-07	3.83E-11	1.12E-11
3848	480363.09, 3852877.25	1.52E-07	4.80E-11	1.40E-11	1.50E-07	4.74E-11	1.38E-11	1.46E-07	4.60E-11	1.34E-11
3849	480863.09, 3852877.25	1.59E-07	5.02E-11	1.46E-11	1.57E-07	4.95E-11	1.44E-11	1.52E-07	4.81E-11	1.40E-11
3850	481363.09, 3852877.25	1.67E-07	5.29E-11	1.54E-11	1.65E-07	5.22E-11	1.52E-11	1.61E-07	5.07E-11	1.47E-11
3851	481863.09, 3852877.25	1.70E-07	5.38E-11	1.56E-11	1.68E-07	5.31E-11	1.54E-11	1.63E-07	5.15E-11	1.50E-11
3852	482363.09, 3852877.25	1.81E-07	5.72E-11	1.66E-11	1.79E-07	5.64E-11	1.64E-11	1.74E-07	5.48E-11	1.59E-11
3853	482863.09, 3852877.25	1.98E-07	6.26E-11	1.82E-11	1.96E-07	6.18E-11	1.80E-11	1.90E-07	6.00E-11	1.74E-11
3854	483363.09, 3852877.25	1.99E-07	6.29E-11	1.83E-11	1.97E-07	6.21E-11	1.81E-11	1.91E-07	6.03E-11	1.75E-11
3855	483863.09, 3852877.25	1.67E-07	5.26E-11	1.53E-11	1.64E-07	5.19E-11	1.51E-11	1.60E-07	5.04E-11	1.47E-11
3856	484363.09, 3852877.25	1.72E-07	5.44E-11	1.58E-11	1.70E-07	5.37E-11	1.56E-11	1.65E-07	5.22E-11	1.52E-11
3857	484863.09, 3852877.25	1.82E-07	5.73E-11	1.67E-11	1.79E-07	5.65E-11	1.64E-11	1.74E-07	5.49E-11	1.60E-11
3858	485363.09, 3852877.25	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.41E-11	1.28E-11
3859	485863.09, 3852877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.09E-11	1.19E-11	1.26E-07	3.97E-11	1.15E-11
3860	486363.09, 3852877.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.42E-11	9.94E-12	1.05E-07	3.32E-11	9.65E-12

3861	486863.09, 3852877.25	1.01E-07	3.20E-11	9.31E-12	1.00E-07	3.16E-11	9.19E-12	9.72E-08	3.07E-11	8.92E-12
3862	487363.09, 3852877.25	8.80E-08	2.78E-11	8.08E-12	8.68E-08	2.74E-11	7.97E-12	8.43E-08	2.66E-11	7.74E-12
3863	487863.09, 3852877.25	7.83E-08	2.47E-11	7.19E-12	7.73E-08	2.44E-11	7.10E-12	7.51E-08	2.37E-11	6.89E-12
3864	488363.09, 3852877.25	5.27E-08	1.66E-11	4.84E-12	5.20E-08	1.64E-11	4.78E-12	5.05E-08	1.59E-11	4.64E-12
3865	488863.09, 3852877.25	5.18E-08	1.63E-11	4.75E-12	5.11E-08	1.61E-11	4.69E-12	4.96E-08	1.57E-11	4.56E-12
3866	489363.09, 3852877.25	5.08E-08	1.60E-11	4.66E-12	5.01E-08	1.58E-11	4.60E-12	4.86E-08	1.54E-11	4.47E-12
3867	489863.09, 3852877.25	4.92E-08	1.55E-11	4.52E-12	4.85E-08	1.53E-11	4.46E-12	4.71E-08	1.49E-11	4.33E-12
3868	490363.09, 3852877.25	5.90E-08	1.86E-11	5.41E-12	5.82E-08	1.84E-11	5.34E-12	5.65E-08	1.78E-11	5.19E-12
3869	490863.09, 3852877.25	6.38E-08	2.01E-11	5.85E-12	6.29E-08	1.99E-11	5.78E-12	6.11E-08	1.93E-11	5.61E-12
3870	491363.09, 3852877.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3871	491863.09, 3852877.25	6.21E-08	1.96E-11	5.70E-12	6.13E-08	1.93E-11	5.62E-12	5.95E-08	1.88E-11	5.46E-12
3872	492363.09, 3852877.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
3873	492863.09, 3852877.25	7.12E-08	2.25E-11	6.53E-12	7.03E-08	2.22E-11	6.45E-12	6.82E-08	2.15E-11	6.26E-12
3874	493363.09, 3852877.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
3875	493863.09, 3852877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
3876	494363.09, 3852877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
3877	494863.09, 3852877.25	9.24E-08	2.92E-11	8.48E-12	9.12E-08	2.88E-11	8.37E-12	8.86E-08	2.79E-11	8.13E-12
3878	495363.09, 3852877.25	9.49E-08	2.99E-11	8.71E-12	9.36E-08	2.96E-11	8.60E-12	9.09E-08	2.87E-11	8.35E-12
3879	495863.09, 3852877.25	9.10E-08	2.87E-11	8.35E-12	8.98E-08	2.83E-11	8.24E-12	8.72E-08	2.75E-11	8.00E-12
3880	496363.09, 3852877.25	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
3881	496863.09, 3852877.25	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
3882	497363.09, 3852877.25	9.04E-08	2.85E-11	8.30E-12	8.93E-08	2.82E-11	8.19E-12	8.67E-08	2.74E-11	7.96E-12
3883	497863.09, 3852877.25	8.07E-08	2.55E-11	7.41E-12	7.96E-08	2.51E-11	7.31E-12	7.73E-08	2.44E-11	7.10E-12
3884	498363.09, 3852877.25	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
3885	471363.09, 3853377.25	6.14E-08	1.94E-11	5.64E-12	6.06E-08	1.91E-11	5.57E-12	5.89E-08	1.86E-11	5.40E-12
3886	471863.09, 3853377.25	6.61E-08	2.09E-11	6.07E-12	6.52E-08	2.06E-11	5.99E-12	6.34E-08	2.00E-11	5.82E-12
3887	472363.09, 3853377.25	7.08E-08	2.23E-11	6.50E-12	6.99E-08	2.21E-11	6.41E-12	6.78E-08	2.14E-11	6.23E-12
3888	472863.09, 3853377.25	7.55E-08	2.38E-11	6.93E-12	7.45E-08	2.35E-11	6.84E-12	7.23E-08	2.28E-11	6.64E-12
3889	473363.09, 3853377.25	7.90E-08	2.49E-11	7.25E-12	7.80E-08	2.46E-11	7.16E-12	7.57E-08	2.39E-11	6.95E-12
3890	473863.09, 3853377.25	8.26E-08	2.61E-11	7.59E-12	8.16E-08	2.57E-11	7.49E-12	7.92E-08	2.50E-11	7.27E-12
3891	474363.09, 3853377.25	8.56E-08	2.70E-11	7.86E-12	8.45E-08	2.67E-11	7.76E-12	8.21E-08	2.59E-11	7.53E-12
3892	474863.09, 3853377.25	8.46E-08	2.67E-11	7.77E-12	8.35E-08	2.63E-11	7.66E-12	8.11E-08	2.56E-11	7.44E-12
3893	475363.09, 3853377.25	8.41E-08	2.65E-11	7.72E-12	8.30E-08	2.62E-11	7.62E-12	8.06E-08	2.54E-11	7.40E-12
3894	475863.09, 3853377.25	8.28E-08	2.61E-11	7.60E-12	8.17E-08	2.58E-11	7.50E-12	7.93E-08	2.50E-11	7.28E-12
3895	476363.09, 3853377.25	7.78E-08	2.46E-11	7.14E-12	7.68E-08	2.42E-11	7.05E-12	7.46E-08	2.35E-11	6.85E-12
3896	476863.09, 3853377.25	6.96E-08	2.20E-11	6.39E-12	6.87E-08	2.17E-11	6.31E-12	6.67E-08	2.11E-11	6.13E-12
3897	477363.09, 3853377.25	6.81E-08	2.15E-11	6.25E-12	6.72E-08	2.12E-11	6.17E-12	6.52E-08	2.06E-11	5.99E-12
3898	477863.09, 3853377.25	6.83E-08	2.16E-11	6.27E-12	6.74E-08	2.13E-11	6.19E-12	6.55E-08	2.07E-11	6.01E-12
3899	478363.09, 3853377.25	5.99E-08	1.89E-11	5.50E-12	5.91E-08	1.86E-11	5.42E-12	5.74E-08	1.81E-11	5.27E-12
3900	478863.09, 3853377.25	4.74E-08	1.50E-11	4.35E-12	4.68E-08	1.48E-11	4.29E-12	4.54E-08	1.43E-11	4.17E-12
3901	479363.09, 3853377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12
3902	479863.09, 3853377.25	1.05E-07	3.31E-11	9.64E-12	1.04E-07	3.27E-11	9.52E-12	1.01E-07	3.18E-11	9.24E-12
3903	480363.09, 3853377.25	1.45E-07	4.59E-11	1.33E-11	1.43E-07	4.53E-11	1.32E-11	1.39E-07	4.40E-11	1.28E-11
3904	480863.09, 3853377.25	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
3905	481363.09, 3853377.25	1.74E-07	5.50E-11	1.60E-11	1.72E-07	5.43E-11	1.58E-11	1.67E-07	5.27E-11	1.53E-11
3906	481863.09, 3853377.25	1.92E-07	6.05E-11	1.76E-11	1.89E-07	5.97E-11	1.74E-11	1.84E-07	5.79E-11	1.69E-11
3907	482363.09, 3853377.25	1.96E-07	6.17E-11	1.80E-11	1.93E-07	6.09E-11	1.77E-11	1.87E-07	5.92E-11	1.72E-11
3908	482863.09, 3853377.25	2.05E-07	6.47E-11	1.88E-11	2.02E-07	6.39E-11	1.86E-11	1.97E-07	6.20E-11	1.80E-11
3909	483363.09, 3853377.25	2.18E-07	6.88E-11	2.00E-11	2.15E-07	6.79E-11	1.98E-11	2.09E-07	6.60E-11	1.92E-11
3910	483863.09, 3853377.25	2.24E-07	7.06E-11	2.05E-11	2.21E-07	6.96E-11	2.03E-11	2.14E-07	6.76E-11	1.97E-11
3911	484363.09, 3853377.25	2.19E-07	6.92E-11	2.01E-11	2.17E-07	6.83E-11	1.99E-11	2.10E-07	6.64E-11	1.93E-11
3912	484863.09, 3853377.25	1.90E-07	5.99E-11	1.74E-11	1.87E-07	5.91E-11	1.72E-11	1.82E-07	5.74E-11	1.67E-11
3913	485363.09, 3853377.25	1.44E-07	4.53E-11	1.32E-11	1.42E-07	4.47E-11	1.30E-11	1.38E-07	4.34E-11	1.26E-11
3914	485863.09, 3853377.25	1.05E-07	3.31E-11	9.63E-12	1.04E-07	3.27E-11	9.50E-12	1.01E-07	3.17E-11	9.23E-12
3915	486363.09, 3853377.25	1.05E-07	3.32E-11	9.65E-12	1.04E-07	3.28E-11	9.53E-12	1.01E-07	3.18E-11	9.25E-12
3916	486863.09, 3853377.25	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
3917	487363.09, 3853377.25	1.05E-07	3.31E-11	9.62E-12	1.03E-07	3.26E-11	9.49E-12	1.00E-07	3.17E-11	9.22E-12
3918	487863.09, 3853377.25	1.03E-07	3.26E-11	9.47E-12	1.02E-07	3.21E-11	9.35E-12	9.89E-08	3.12E-11	9.08E-12
3919	488363.09, 3853377.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.42E-11	9.94E-12	1.05E-07	3.32E-11	9.65E-12
3920	488863.09, 3853377.25	1.01E-07	3.19E-11	9.27E-12	9.97E-08	3.15E-11	9.15E-12	9.68E-08	3.05E-11	8.89E-12
3921	489363.09, 3853377.25	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
3922	489863.09, 3853377.25	8.28E-08	2.61E-11	7.60E-12	8.17E-08	2.58E-11	7.50E-12	7.93E-08	2.50E-11	7.28E-12
3923	490363.09, 3853377.25	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
3924	490863.09, 3853377.25	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
3925	491363.09, 3853377.25	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
3926	491863.09, 3853377.25	8.47E-08	2.67E-11	7.78E-12	8.36E-08	2.64E-11	7.68E-12	8.12E-08	2.56E-11	7.45E-12
3927	492363.09, 3853377.25	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
3928	492863.09, 3853377.25	1.03E-07	3.24E-11	9.41E-12	1.01E-07	3.19E-11	9.29E-12	9.83E-08	3.10E-11	9.02E-12
3929	493363.09, 3853377.25	1.04E-07	3.27E-11	9.51E-12	1.02E-07	3.23E-11	9.39E-12	9.93E-08	3.13E-11	9.11E-12

3930	493863.09, 3853377.25	1.11E-07	3.51E-11	1.02E-11	1.10E-07	3.46E-11	1.01E-11	1.07E-07	3.36E-11	9.78E-12
3931	494363.09, 3853377.25	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.95E-12
3932	494863.09, 3853377.25	1.17E-07	3.69E-11	1.07E-11	1.15E-07	3.64E-11	1.06E-11	1.12E-07	3.54E-11	1.03E-11
3933	495363.09, 3853377.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
3934	495863.09, 3853377.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.70E-11	1.08E-11	1.14E-07	3.59E-11	1.04E-11
3935	496363.09, 3853377.25	1.18E-07	3.71E-11	1.08E-11	1.16E-07	3.66E-11	1.06E-11	1.13E-07	3.55E-11	1.03E-11
3936	496863.09, 3853377.25	1.15E-07	3.61E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
3937	497363.09, 3853377.25	1.12E-07	3.53E-11	1.03E-11	1.10E-07	3.48E-11	1.01E-11	1.07E-07	3.38E-11	9.84E-12
3938	497863.09, 3853377.25	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12
3939	498363.09, 3853377.25	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
3940	471363.09, 3853877.25	6.36E-08	2.01E-11	5.84E-12	6.28E-08	1.98E-11	5.77E-12	6.10E-08	1.92E-11	5.60E-12
3941	471863.09, 3853877.25	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
3942	472363.09, 3853877.25	7.07E-08	2.23E-11	6.49E-12	6.97E-08	2.20E-11	6.40E-12	6.77E-08	2.14E-11	6.22E-12
3943	472863.09, 3853877.25	7.46E-08	2.35E-11	6.85E-12	7.36E-08	2.32E-11	6.76E-12	7.15E-08	2.26E-11	6.56E-12
3944	473363.09, 3853877.25	7.77E-08	2.45E-11	7.13E-12	7.67E-08	2.42E-11	7.04E-12	7.45E-08	2.35E-11	6.84E-12
3945	473863.09, 3853877.25	8.12E-08	2.56E-11	7.45E-12	8.01E-08	2.53E-11	7.36E-12	7.78E-08	2.46E-11	7.14E-12
3946	474363.09, 3853877.25	8.56E-08	2.70E-11	7.86E-12	8.45E-08	2.67E-11	7.76E-12	8.21E-08	2.59E-11	7.53E-12
3947	474863.09, 3853877.25	8.89E-08	2.81E-11	8.16E-12	8.77E-08	2.77E-11	8.05E-12	8.52E-08	2.69E-11	7.82E-12
3948	475363.09, 3853877.25	8.77E-08	2.77E-11	8.05E-12	8.66E-08	2.73E-11	7.95E-12	8.41E-08	2.65E-11	7.72E-12
3949	475863.09, 3853877.25	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
3950	476363.09, 3853877.25	6.95E-08	2.19E-11	6.38E-12	6.86E-08	2.16E-11	6.30E-12	6.66E-08	2.10E-11	6.11E-12
3951	476863.09, 3853877.25	5.63E-08	1.78E-11	5.17E-12	5.56E-08	1.76E-11	5.11E-12	5.40E-08	1.70E-11	4.96E-12
3952	477363.09, 3853877.25	5.91E-08	1.86E-11	5.42E-12	5.83E-08	1.84E-11	5.35E-12	5.66E-08	1.79E-11	5.20E-12
3953	477863.09, 3853877.25	6.43E-08	2.03E-11	5.90E-12	6.34E-08	2.00E-11	5.82E-12	6.16E-08	1.94E-11	5.66E-12
3954	478363.09, 3853877.25	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
3955	478863.09, 3853877.25	4.75E-08	1.50E-11	4.36E-12	4.69E-08	1.48E-11	4.30E-12	4.55E-08	1.44E-11	4.18E-12
3956	479363.09, 3853877.25	6.26E-08	1.98E-11	5.75E-12	6.18E-08	1.95E-11	5.67E-12	6.00E-08	1.89E-11	5.51E-12
3957	479863.09, 3853877.25	1.02E-07	3.21E-11	9.33E-12	1.00E-07	3.17E-11	9.21E-12	9.74E-08	3.07E-11	8.94E-12
3958	480363.09, 3853877.25	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.10E-11	1.19E-11	1.26E-07	3.98E-11	1.16E-11
3959	480863.09, 3853877.25	1.69E-07	5.34E-11	1.55E-11	1.67E-07	5.27E-11	1.53E-11	1.62E-07	5.12E-11	1.49E-11
3960	481363.09, 3853877.25	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
3961	481863.09, 3853877.25	2.13E-07	6.71E-11	1.95E-11	2.10E-07	6.62E-11	1.93E-11	2.04E-07	6.43E-11	1.87E-11
3962	482363.09, 3853877.25	2.22E-07	6.99E-11	2.03E-11	2.19E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
3963	482863.09, 3853877.25	2.22E-07	7.02E-11	2.04E-11	2.19E-07	6.93E-11	2.02E-11	2.13E-07	6.73E-11	1.96E-11
3964	483363.09, 3853877.25	2.23E-07	7.04E-11	2.05E-11	2.20E-07	6.95E-11	2.02E-11	2.14E-07	6.75E-11	1.96E-11
3965	483863.09, 3853877.25	2.50E-07	7.88E-11	2.29E-11	2.46E-07	7.77E-11	2.26E-11	2.39E-07	7.55E-11	2.20E-11
3966	484363.09, 3853877.25	2.42E-07	7.65E-11	2.23E-11	2.39E-07	7.55E-11	2.20E-11	2.32E-07	7.33E-11	2.13E-11
3967	484863.09, 3853877.25	1.92E-07	6.07E-11	1.77E-11	1.90E-07	5.99E-11	1.74E-11	1.84E-07	5.82E-11	1.69E-11
3968	485363.09, 3853877.25	1.35E-07	4.27E-11	1.24E-11	1.33E-07	4.21E-11	1.23E-11	1.30E-07	4.09E-11	1.19E-11
3969	485863.09, 3853877.25	1.46E-07	4.62E-11	1.34E-11	1.44E-07	4.56E-11	1.33E-11	1.40E-07	4.43E-11	1.29E-11
3970	486363.09, 3853877.25	1.41E-07	4.44E-11	1.29E-11	1.39E-07	4.39E-11	1.28E-11	1.35E-07	4.26E-11	1.24E-11
3971	486863.09, 3853877.25	1.27E-07	4.01E-11	1.17E-11	1.25E-07	3.96E-11	1.15E-11	1.22E-07	3.85E-11	1.12E-11
3972	487363.09, 3853877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.09E-11	1.19E-11	1.26E-07	3.97E-11	1.15E-11
3973	487863.09, 3853877.25	1.48E-07	4.68E-11	1.36E-11	1.46E-07	4.62E-11	1.34E-11	1.42E-07	4.49E-11	1.31E-11
3974	488363.09, 3853877.25	1.53E-07	4.84E-11	1.41E-11	1.51E-07	4.78E-11	1.39E-11	1.47E-07	4.64E-11	1.35E-11
3975	488863.09, 3853877.25	1.62E-07	5.12E-11	1.49E-11	1.60E-07	5.05E-11	1.47E-11	1.55E-07	4.90E-11	1.43E-11
3976	489363.09, 3853877.25	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
3977	489863.09, 3853877.25	1.38E-07	4.35E-11	1.27E-11	1.36E-07	4.29E-11	1.25E-11	1.32E-07	4.17E-11	1.21E-11
3978	490363.09, 3853877.25	1.28E-07	4.05E-11	1.18E-11	1.27E-07	4.00E-11	1.16E-11	1.23E-07	3.89E-11	1.13E-11
3979	490863.09, 3853877.25	1.26E-07	3.99E-11	1.16E-11	1.25E-07	3.94E-11	1.14E-11	1.21E-07	3.82E-11	1.11E-11
3980	491363.09, 3853877.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.95E-11	1.15E-11	1.21E-07	3.83E-11	1.12E-11
3981	491863.09, 3853877.25	1.25E-07	3.96E-11	1.15E-11	1.24E-07	3.90E-11	1.14E-11	1.20E-07	3.79E-11	1.10E-11
3982	492363.09, 3853877.25	1.33E-07	4.19E-11	1.22E-11	1.31E-07	4.14E-11	1.20E-11	1.27E-07	4.02E-11	1.17E-11
3983	492863.09, 3853877.25	1.48E-07	4.68E-11	1.36E-11	1.46E-07	4.62E-11	1.34E-11	1.42E-07	4.49E-11	1.31E-11
3984	493363.09, 3853877.25	1.54E-07	4.85E-11	1.41E-11	1.52E-07	4.78E-11	1.39E-11	1.47E-07	4.64E-11	1.35E-11
3985	493863.09, 3853877.25	1.48E-07	4.67E-11	1.36E-11	1.46E-07	4.61E-11	1.34E-11	1.42E-07	4.48E-11	1.30E-11
3986	494363.09, 3853877.25	1.66E-07	5.24E-11	1.52E-11	1.64E-07	5.17E-11	1.50E-11	1.59E-07	5.02E-11	1.46E-11
3987	494863.09, 3853877.25	1.66E-07	5.22E-11	1.52E-11	1.63E-07	5.16E-11	1.50E-11	1.59E-07	5.01E-11	1.46E-11
3988	495363.09, 3853877.25	1.45E-07	4.58E-11	1.33E-11	1.43E-07	4.52E-11	1.31E-11	1.39E-07	4.39E-11	1.28E-11
3989	495863.09, 3853877.25	1.38E-07	4.37E-11	1.27E-11	1.37E-07	4.31E-11	1.25E-11	1.33E-07	4.19E-11	1.22E-11
3990	496363.09, 3853877.25	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.41E-11	1.28E-11
3991	496863.09, 3853877.25	1.47E-07	4.62E-11	1.35E-11	1.45E-07	4.56E-11	1.33E-11	1.40E-07	4.43E-11	1.29E-11
3992	497363.09, 3853877.25	1.46E-07	4.62E-11	1.34E-11	1.44E-07	4.56E-11	1.33E-11	1.40E-07	4.42E-11	1.29E-11
3993	497863.09, 3853877.25	1.35E-07	4.25E-11	1.24E-11	1.33E-07	4.20E-11	1.22E-11	1.29E-07	4.07E-11	1.19E-11
3994	498363.09, 3853877.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.08E-11	1.19E-11	1.26E-07	3.96E-11	1.15E-11
3995	471363.09, 3854377.25	6.83E-08	2.16E-11	6.27E-12	6.74E-08	2.13E-11	6.19E-12	6.55E-08	2.07E-11	6.01E-12
3996	471863.09, 3854377.25	7.26E-08	2.29E-11	6.67E-12	7.17E-08	2.26E-11	6.58E-12	6.96E-08	2.20E-11	6.39E-12
3997	472363.09, 3854377.25	7.53E-08	2.38E-11	6.92E-12	7.44E-08	2.35E-11	6.83E-12	7.22E-08	2.28E-11	6.63E-12
3998	472863.09, 3854377.25	7.73E-08	2.44E-11	7.10E-12	7.63E-08	2.41E-11	7.00E-12	7.41E-08	2.34E-11	6.80E-12

3999	473363.09, 3854377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4000	473863.09, 3854377.25	8.42E-08	2.66E-11	7.73E-12	8.31E-08	2.62E-11	7.63E-12	8.07E-08	2.55E-11	7.41E-12
4001	474363.09, 3854377.25	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
4002	474863.09, 3854377.25	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
4003	475363.09, 3854377.25	8.07E-08	2.55E-11	7.41E-12	7.96E-08	2.51E-11	7.31E-12	7.73E-08	2.44E-11	7.10E-12
4004	475863.09, 3854377.25	6.22E-08	1.96E-11	5.71E-12	6.14E-08	1.94E-11	5.64E-12	5.96E-08	1.88E-11	5.47E-12
4005	476363.09, 3854377.25	5.67E-08	1.79E-11	5.21E-12	5.60E-08	1.77E-11	5.14E-12	5.44E-08	1.72E-11	4.99E-12
4006	476863.09, 3854377.25	5.45E-08	1.72E-11	5.01E-12	5.38E-08	1.70E-11	4.94E-12	5.23E-08	1.65E-11	4.80E-12
4007	477363.09, 3854377.25	5.32E-08	1.68E-11	4.89E-12	5.25E-08	1.66E-11	4.82E-12	5.10E-08	1.61E-11	4.68E-12
4008	477863.09, 3854377.25	5.28E-08	1.67E-11	4.85E-12	5.21E-08	1.65E-11	4.79E-12	5.06E-08	1.60E-11	4.65E-12
4009	478363.09, 3854377.25	5.93E-08	1.87E-11	5.45E-12	5.86E-08	1.85E-11	5.38E-12	5.69E-08	1.80E-11	5.22E-12
4010	478863.09, 3854377.25	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
4011	479363.09, 3854377.25	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
4012	479863.09, 3854377.25	1.04E-07	3.29E-11	9.58E-12	1.03E-07	3.25E-11	9.46E-12	1.00E-07	3.16E-11	9.18E-12
4013	480363.09, 3854377.25	1.28E-07	4.05E-11	1.18E-11	1.27E-07	4.00E-11	1.16E-11	1.23E-07	3.88E-11	1.13E-11
4014	480863.09, 3854377.25	1.64E-07	5.19E-11	1.51E-11	1.62E-07	5.12E-11	1.49E-11	1.58E-07	4.98E-11	1.45E-11
4015	481363.09, 3854377.25	1.99E-07	6.29E-11	1.83E-11	1.97E-07	6.21E-11	1.81E-11	1.91E-07	6.03E-11	1.75E-11
4016	481863.09, 3854377.25	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.24E-07	7.05E-11	2.05E-11
4017	482363.09, 3854377.25	2.46E-07	7.78E-11	2.26E-11	2.43E-07	7.68E-11	2.23E-11	2.36E-07	7.46E-11	2.17E-11
4018	482863.09, 3854377.25	2.53E-07	7.98E-11	2.32E-11	2.50E-07	7.88E-11	2.29E-11	2.42E-07	7.65E-11	2.22E-11
4019	483363.09, 3854377.25	2.54E-07	8.02E-11	2.33E-11	2.51E-07	7.91E-11	2.30E-11	2.43E-07	7.68E-11	2.24E-11
4020	483863.09, 3854377.25	2.39E-07	7.55E-11	2.19E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.23E-11	2.10E-11
4021	484363.09, 3854377.25	2.23E-07	7.05E-11	2.05E-11	2.21E-07	6.96E-11	2.02E-11	2.14E-07	6.76E-11	1.97E-11
4022	484863.09, 3854377.25	1.83E-07	5.78E-11	1.68E-11	1.81E-07	5.71E-11	1.66E-11	1.76E-07	5.54E-11	1.61E-11
4023	485363.09, 3854377.25	2.04E-07	6.45E-11	1.88E-11	2.02E-07	6.36E-11	1.85E-11	1.96E-07	6.18E-11	1.80E-11
4024	485863.09, 3854377.25	1.70E-07	5.36E-11	1.56E-11	1.68E-07	5.29E-11	1.54E-11	1.63E-07	5.14E-11	1.50E-11
4025	486363.09, 3854377.25	1.82E-07	5.75E-11	1.67E-11	1.80E-07	5.68E-11	1.65E-11	1.75E-07	5.51E-11	1.60E-11
4026	486863.09, 3854377.25	1.74E-07	5.50E-11	1.60E-11	1.72E-07	5.43E-11	1.58E-11	1.67E-07	5.27E-11	1.53E-11
4027	487363.09, 3854377.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.77E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
4028	487863.09, 3854377.25	2.09E-07	6.59E-11	1.92E-11	2.06E-07	6.51E-11	1.89E-11	2.00E-07	6.32E-11	1.84E-11
4029	488363.09, 3854377.25	2.20E-07	6.93E-11	2.02E-11	2.17E-07	6.84E-11	1.99E-11	2.10E-07	6.64E-11	1.93E-11
4030	488863.09, 3854377.25	2.21E-07	6.99E-11	2.03E-11	2.18E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
4031	489363.09, 3854377.25	2.33E-07	7.35E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.23E-07	7.05E-11	2.05E-11
4032	489863.09, 3854377.25	2.20E-07	6.95E-11	2.02E-11	2.17E-07	6.85E-11	1.99E-11	2.11E-07	6.66E-11	1.94E-11
4033	490363.09, 3854377.25	2.03E-07	6.39E-11	1.86E-11	2.00E-07	6.31E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
4034	490863.09, 3854377.25	1.46E-07	4.61E-11	1.34E-11	1.44E-07	4.55E-11	1.32E-11	1.40E-07	4.42E-11	1.28E-11
4035	491363.09, 3854377.25	1.73E-07	5.45E-11	1.59E-11	1.70E-07	5.38E-11	1.56E-11	1.66E-07	5.22E-11	1.52E-11
4036	491863.09, 3854377.25	1.90E-07	6.00E-11	1.75E-11	1.88E-07	5.93E-11	1.72E-11	1.82E-07	5.76E-11	1.67E-11
4037	492363.09, 3854377.25	2.06E-07	6.50E-11	1.89E-11	2.03E-07	6.41E-11	1.87E-11	1.97E-07	6.23E-11	1.81E-11
4038	492863.09, 3854377.25	2.11E-07	6.66E-11	1.94E-11	2.08E-07	6.57E-11	1.91E-11	2.02E-07	6.38E-11	1.86E-11
4039	493363.09, 3854377.25	2.03E-07	6.42E-11	1.87E-11	2.01E-07	6.33E-11	1.84E-11	1.95E-07	6.15E-11	1.79E-11
4040	493863.09, 3854377.25	2.24E-07	7.07E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.77E-11	1.97E-11
4041	494363.09, 3854377.25	2.32E-07	7.32E-11	2.13E-11	2.29E-07	7.22E-11	2.10E-11	2.22E-07	7.01E-11	2.04E-11
4042	494863.09, 3854377.25	1.83E-07	5.79E-11	1.68E-11	1.81E-07	5.71E-11	1.66E-11	1.76E-07	5.55E-11	1.61E-11
4043	495363.09, 3854377.25	1.60E-07	5.04E-11	1.47E-11	1.58E-07	4.97E-11	1.45E-11	1.53E-07	4.83E-11	1.40E-11
4044	495863.09, 3854377.25	1.61E-07	5.10E-11	1.48E-11	1.59E-07	5.03E-11	1.46E-11	1.55E-07	4.89E-11	1.42E-11
4045	496363.09, 3854377.25	1.77E-07	5.60E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
4046	496863.09, 3854377.25	1.81E-07	5.70E-11	1.66E-11	1.78E-07	5.63E-11	1.64E-11	1.73E-07	5.46E-11	1.59E-11
4047	497363.09, 3854377.25	1.68E-07	5.30E-11	1.54E-11	1.66E-07	5.23E-11	1.52E-11	1.61E-07	5.08E-11	1.48E-11
4048	497863.09, 3854377.25	1.87E-07	5.91E-11	1.72E-11	1.85E-07	5.84E-11	1.70E-11	1.80E-07	5.67E-11	1.65E-11
4049	498363.09, 3854377.25	1.81E-07	5.71E-11	1.66E-11	1.79E-07	5.63E-11	1.64E-11	1.73E-07	5.47E-11	1.59E-11
4050	471363.09, 3854877.25	7.07E-08	2.23E-11	6.49E-12	6.97E-08	2.20E-11	6.40E-12	6.77E-08	2.14E-11	6.22E-12
4051	471863.09, 3854877.25	7.51E-08	2.37E-11	6.89E-12	7.41E-08	2.34E-11	6.80E-12	7.20E-08	2.27E-11	6.61E-12
4052	472363.09, 3854877.25	7.87E-08	2.48E-11	7.23E-12	7.77E-08	2.45E-11	7.13E-12	7.55E-08	2.38E-11	6.93E-12
4053	472863.09, 3854877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
4054	473363.09, 3854877.25	8.52E-08	2.69E-11	7.83E-12	8.41E-08	2.66E-11	7.72E-12	8.17E-08	2.58E-11	7.50E-12
4055	473863.09, 3854877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
4056	474363.09, 3854877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
4057	474863.09, 3854877.25	8.50E-08	2.68E-11	7.80E-12	8.39E-08	2.65E-11	7.70E-12	8.14E-08	2.57E-11	7.48E-12
4058	475363.09, 3854877.25	7.20E-08	2.27E-11	6.61E-12	7.10E-08	2.24E-11	6.52E-12	6.90E-08	2.18E-11	6.33E-12
4059	475863.09, 3854877.25	5.79E-08	1.83E-11	5.32E-12	5.72E-08	1.80E-11	5.25E-12	5.55E-08	1.75E-11	5.10E-12
4060	476363.09, 3854877.25	3.90E-08	1.23E-11	3.58E-12	3.85E-08	1.22E-11	3.54E-12	3.74E-08	1.18E-11	3.43E-12
4061	476863.09, 3854877.25	3.83E-08	1.21E-11	3.51E-12	3.78E-08	1.19E-11	3.47E-12	3.67E-08	1.16E-11	3.37E-12
4062	477363.09, 3854877.25	4.52E-08	1.43E-11	4.15E-12	4.46E-08	1.41E-11	4.09E-12	4.33E-08	1.37E-11	3.97E-12
4063	477863.09, 3854877.25	5.14E-08	1.62E-11	4.72E-12	5.07E-08	1.60E-11	4.66E-12	4.93E-08	1.55E-11	4.52E-12
4064	478363.09, 3854877.25	6.65E-08	2.10E-11	6.10E-12	6.56E-08	2.07E-11	6.03E-12	6.37E-08	2.01E-11	5.85E-12
4065	478863.09, 3854877.25	8.73E-08	2.76E-11	8.02E-12	8.62E-08	2.72E-11	7.91E-12	8.37E-08	2.64E-11	7.68E-12
4066	479363.09, 3854877.25	1.12E-07	3.54E-11	1.03E-11	1.11E-07	3.49E-11	1.02E-11	1.07E-07	3.39E-11	9.86E-12
4067	479863.09, 3854877.25	1.37E-07	4.31E-11	1.25E-11	1.35E-07	4.25E-11	1.24E-11	1.31E-07	4.13E-11	1.20E-11

4068	480363.09, 3854877.25	1.55E-07	4.90E-11	1.43E-11	1.53E-07	4.84E-11	1.41E-11	1.49E-07	4.70E-11	1.37E-11
4069	480863.09, 3854877.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
4070	481363.09, 3854877.25	2.04E-07	6.44E-11	1.87E-11	2.02E-07	6.36E-11	1.85E-11	1.96E-07	6.18E-11	1.80E-11
4071	481863.09, 3854877.25	2.12E-07	6.69E-11	1.94E-11	2.09E-07	6.60E-11	1.92E-11	2.03E-07	6.41E-11	1.86E-11
4072	482363.09, 3854877.25	2.71E-07	8.56E-11	2.49E-11	2.68E-07	8.45E-11	2.46E-11	2.60E-07	8.21E-11	2.39E-11
4073	482863.09, 3854877.25	2.86E-07	9.02E-11	2.62E-11	2.82E-07	8.91E-11	2.59E-11	2.74E-07	8.65E-11	2.52E-11
4074	483363.09, 3854877.25	3.00E-07	9.45E-11	2.75E-11	2.96E-07	9.33E-11	2.71E-11	2.87E-07	9.06E-11	2.64E-11
4075	483863.09, 3854877.25	2.97E-07	9.36E-11	2.72E-11	2.93E-07	9.24E-11	2.69E-11	2.84E-07	8.97E-11	2.61E-11
4076	484363.09, 3854877.25	2.75E-07	8.67E-11	2.52E-11	2.71E-07	8.56E-11	2.49E-11	2.63E-07	8.31E-11	2.42E-11
4077	484863.09, 3854877.25	2.87E-07	9.06E-11	2.63E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.52E-11
4078	485363.09, 3854877.25	2.95E-07	9.32E-11	2.71E-11	2.91E-07	9.19E-11	2.67E-11	2.83E-07	8.93E-11	2.60E-11
4079	485863.09, 3854877.25	2.64E-07	8.34E-11	2.43E-11	2.61E-07	8.23E-11	2.39E-11	2.53E-07	7.99E-11	2.32E-11
4080	486363.09, 3854877.25	2.49E-07	7.87E-11	2.29E-11	2.46E-07	7.77E-11	2.26E-11	2.39E-07	7.55E-11	2.19E-11
4081	486863.09, 3854877.25	2.45E-07	7.73E-11	2.25E-11	2.42E-07	7.63E-11	2.22E-11	2.35E-07	7.41E-11	2.15E-11
4082	487363.09, 3854877.25	2.61E-07	8.24E-11	2.40E-11	2.58E-07	8.14E-11	2.37E-11	2.50E-07	7.90E-11	2.30E-11
4083	487863.09, 3854877.25	2.87E-07	9.06E-11	2.64E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.53E-11
4084	488363.09, 3854877.25	3.11E-07	9.81E-11	2.85E-11	3.07E-07	9.68E-11	2.82E-11	2.98E-07	9.40E-11	2.73E-11
4085	488863.09, 3854877.25	3.31E-07	1.05E-10	3.04E-11	3.27E-07	1.03E-10	3.00E-11	3.17E-07	1.00E-10	2.91E-11
4086	489363.09, 3854877.25	3.44E-07	1.09E-10	3.16E-11	3.40E-07	1.07E-10	3.12E-11	3.30E-07	1.04E-10	3.03E-11
4087	489863.09, 3854877.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.95E-11	2.89E-11	3.06E-07	9.66E-11	2.81E-11
4088	490363.09, 3854877.25	2.06E-07	6.50E-11	1.89E-11	2.03E-07	6.42E-11	1.87E-11	1.97E-07	6.23E-11	1.81E-11
4089	490863.09, 3854877.25	1.22E-07	3.86E-11	1.12E-11	1.21E-07	3.81E-11	1.11E-11	1.17E-07	3.70E-11	1.08E-11
4090	491363.09, 3854877.25	1.38E-07	4.36E-11	1.27E-11	1.36E-07	4.30E-11	1.25E-11	1.32E-07	4.18E-11	1.21E-11
4091	491863.09, 3854877.25	2.87E-07	9.06E-11	2.64E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.53E-11
4092	492363.09, 3854877.25	3.16E-07	9.98E-11	2.90E-11	3.12E-07	9.85E-11	2.87E-11	3.03E-07	9.57E-11	2.78E-11
4093	492863.09, 3854877.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.05E-07	9.61E-11	2.80E-11
4094	493363.09, 3854877.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.94E-11	2.89E-11	3.06E-07	9.65E-11	2.81E-11
4095	493863.09, 3854877.25	3.35E-07	1.06E-10	3.07E-11	3.30E-07	1.04E-10	3.03E-11	3.21E-07	1.01E-10	2.95E-11
4096	494363.09, 3854877.25	2.37E-07	7.50E-11	2.18E-11	2.34E-07	7.40E-11	2.15E-11	2.28E-07	7.18E-11	2.09E-11
4097	494863.09, 3854877.25	1.99E-07	6.28E-11	1.83E-11	1.96E-07	6.19E-11	1.80E-11	1.91E-07	6.01E-11	1.75E-11
4098	495363.09, 3854877.25	2.00E-07	6.33E-11	1.84E-11	1.98E-07	6.24E-11	1.82E-11	1.92E-07	6.06E-11	1.76E-11
4099	495863.09, 3854877.25	2.11E-07	6.65E-11	1.93E-11	2.08E-07	6.56E-11	1.91E-11	2.02E-07	6.37E-11	1.85E-11
4100	496363.09, 3854877.25	2.04E-07	6.44E-11	1.87E-11	2.01E-07	6.36E-11	1.85E-11	1.96E-07	6.17E-11	1.80E-11
4101	496863.09, 3854877.25	2.03E-07	6.40E-11	1.86E-11	2.00E-07	6.32E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
4102	497363.09, 3854877.25	2.11E-07	6.65E-11	1.94E-11	2.08E-07	6.57E-11	1.91E-11	2.02E-07	6.38E-11	1.85E-11
4103	497863.09, 3854877.25	2.38E-07	7.52E-11	2.19E-11	2.35E-07	7.43E-11	2.16E-11	2.28E-07	7.21E-11	2.10E-11
4104	498363.09, 3854877.25	2.45E-07	7.72E-11	2.25E-11	2.41E-07	7.62E-11	2.22E-11	2.34E-07	7.40E-11	2.15E-11
4105	471363.09, 3855377.25	7.01E-08	2.21E-11	6.44E-12	6.92E-08	2.18E-11	6.36E-12	6.72E-08	2.12E-11	6.17E-12
4106	471863.09, 3855377.25	7.31E-08	2.31E-11	6.71E-12	7.22E-08	2.28E-11	6.63E-12	7.01E-08	2.21E-11	6.43E-12
4107	472363.09, 3855377.25	7.81E-08	2.46E-11	7.17E-12	7.71E-08	2.43E-11	7.07E-12	7.48E-08	2.36E-11	6.87E-12
4108	472863.09, 3855377.25	8.13E-08	2.57E-11	7.47E-12	8.03E-08	2.53E-11	7.37E-12	7.80E-08	2.46E-11	7.16E-12
4109	473363.09, 3855377.25	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
4110	473863.09, 3855377.25	9.42E-08	2.97E-11	8.65E-12	9.30E-08	2.93E-11	8.54E-12	9.03E-08	2.85E-11	8.29E-12
4111	474363.09, 3855377.25	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
4112	474863.09, 3855377.25	9.03E-08	2.85E-11	8.29E-12	8.91E-08	2.81E-11	8.18E-12	8.66E-08	2.73E-11	7.95E-12
4113	475363.09, 3855377.25	5.30E-08	1.67E-11	4.86E-12	5.23E-08	1.65E-11	4.80E-12	5.08E-08	1.60E-11	4.66E-12
4114	475863.09, 3855377.25	4.09E-08	1.29E-11	3.75E-12	4.03E-08	1.27E-11	3.70E-12	3.92E-08	1.24E-11	3.60E-12
4115	476363.09, 3855377.25	4.70E-08	1.48E-11	4.31E-12	4.64E-08	1.46E-11	4.26E-12	4.50E-08	1.42E-11	4.13E-12
4116	476863.09, 3855377.25	4.55E-08	1.44E-11	4.18E-12	4.50E-08	1.42E-11	4.13E-12	4.37E-08	1.38E-11	4.01E-12
4117	477363.09, 3855377.25	4.96E-08	1.56E-11	4.55E-12	4.89E-08	1.54E-11	4.49E-12	4.75E-08	1.50E-11	4.36E-12
4118	477863.09, 3855377.25	6.16E-08	1.94E-11	5.65E-12	6.08E-08	1.92E-11	5.58E-12	5.90E-08	1.86E-11	5.42E-12
4119	478363.09, 3855377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12
4120	478863.09, 3855377.25	9.21E-08	2.91E-11	8.46E-12	9.09E-08	2.87E-11	8.35E-12	8.83E-08	2.79E-11	8.11E-12
4121	479363.09, 3855377.25	1.15E-07	3.63E-11	1.06E-11	1.14E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
4122	479863.09, 3855377.25	1.36E-07	4.30E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.30E-07	4.12E-11	1.20E-11
4123	480363.09, 3855377.25	1.71E-07	5.38E-11	1.57E-11	1.68E-07	5.31E-11	1.55E-11	1.64E-07	5.16E-11	1.50E-11
4124	480863.09, 3855377.25	2.05E-07	6.48E-11	1.88E-11	2.03E-07	6.39E-11	1.86E-11	1.97E-07	6.21E-11	1.81E-11
4125	481363.09, 3855377.25	2.35E-07	7.42E-11	2.16E-11	2.32E-07	7.32E-11	2.13E-11	2.25E-07	7.11E-11	2.07E-11
4126	481863.09, 3855377.25	2.61E-07	8.22E-11	2.39E-11	2.57E-07	8.12E-11	2.36E-11	2.50E-07	7.88E-11	2.29E-11
4127	482363.09, 3855377.25	2.90E-07	9.14E-11	2.66E-11	2.86E-07	9.02E-11	2.62E-11	2.78E-07	8.76E-11	2.55E-11
4128	482863.09, 3855377.25	3.15E-07	9.94E-11	2.89E-11	3.11E-07	9.81E-11	2.85E-11	3.02E-07	9.53E-11	2.77E-11
4129	483363.09, 3855377.25	3.41E-07	1.08E-10	3.13E-11	3.37E-07	1.06E-10	3.09E-11	3.27E-07	1.03E-10	3.00E-11
4130	483863.09, 3855377.25	3.63E-07	1.15E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11
4131	484363.09, 3855377.25	3.64E-07	1.15E-10	3.34E-11	3.59E-07	1.13E-10	3.30E-11	3.49E-07	1.10E-10	3.20E-11
4132	484863.09, 3855377.25	3.72E-07	1.17E-10	3.41E-11	3.67E-07	1.16E-10	3.37E-11	3.56E-07	1.12E-10	3.27E-11
4133	485363.09, 3855377.25	3.95E-07	1.25E-10	3.63E-11	3.90E-07	1.23E-10	3.58E-11	3.79E-07	1.20E-10	3.48E-11
4134	485863.09, 3855377.25	4.15E-07	1.31E-10	3.81E-11	4.09E-07	1.29E-10	3.76E-11	3.97E-07	1.25E-10	3.65E-11
4135	486363.09, 3855377.25	3.65E-07	1.15E-10	3.35E-11	3.60E-07	1.14E-10	3.30E-11	3.49E-07	1.10E-10	3.21E-11
4136	486863.09, 3855377.25	3.46E-07	1.09E-10	3.18E-11	3.42E-07	1.08E-10	3.14E-11	3.32E-07	1.05E-10	3.05E-11

4137	487363.09, 3855377.25	3.79E-07	1.20E-10	3.48E-11	3.74E-07	1.18E-10	3.43E-11	3.63E-07	1.15E-10	3.33E-11
4138	487863.09, 3855377.25	4.09E-07	1.29E-10	3.75E-11	4.03E-07	1.27E-10	3.70E-11	3.92E-07	1.24E-10	3.60E-11
4139	488363.09, 3855377.25	4.42E-07	1.40E-10	4.06E-11	4.37E-07	1.38E-10	4.01E-11	4.24E-07	1.34E-10	3.89E-11
4140	488863.09, 3855377.25	4.76E-07	1.50E-10	4.37E-11	4.70E-07	1.48E-10	4.31E-11	4.56E-07	1.44E-10	4.19E-11
4141	489363.09, 3855377.25	5.01E-07	1.58E-10	4.60E-11	4.94E-07	1.56E-10	4.54E-11	4.80E-07	1.52E-10	4.41E-11
4142	489863.09, 3855377.25	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
4143	490363.09, 3855377.25	5.39E-07	1.70E-10	4.95E-11	5.32E-07	1.68E-10	4.88E-11	5.17E-07	1.63E-10	4.74E-11
4144	490863.09, 3855377.25	2.50E-07	7.88E-11	2.29E-11	2.46E-07	7.77E-11	2.26E-11	2.39E-07	7.55E-11	2.20E-11
4145	491363.09, 3855377.25	1.98E-07	6.26E-11	1.82E-11	1.96E-07	6.17E-11	1.80E-11	1.90E-07	6.00E-11	1.74E-11
4146	491863.09, 3855377.25	4.58E-07	1.45E-10	4.21E-11	4.52E-07	1.43E-10	4.15E-11	4.39E-07	1.39E-10	4.03E-11
4147	492363.09, 3855377.25	4.86E-07	1.53E-10	4.46E-11	4.80E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.28E-11
4148	492863.09, 3855377.25	4.75E-07	1.50E-10	4.36E-11	4.68E-07	1.48E-10	4.30E-11	4.55E-07	1.44E-10	4.18E-11
4149	493363.09, 3855377.25	4.62E-07	1.46E-10	4.25E-11	4.56E-07	1.44E-10	4.19E-11	4.43E-07	1.40E-10	4.07E-11
4150	493863.09, 3855377.25	3.36E-07	1.06E-10	3.08E-11	3.31E-07	1.05E-10	3.04E-11	3.22E-07	1.02E-10	2.95E-11
4151	494363.09, 3855377.25	3.01E-07	9.51E-11	2.77E-11	2.97E-07	9.38E-11	2.73E-11	2.89E-07	9.11E-11	2.65E-11
4152	494863.09, 3855377.25	2.83E-07	8.92E-11	2.59E-11	2.79E-07	8.80E-11	2.56E-11	2.71E-07	8.55E-11	2.49E-11
4153	495363.09, 3855377.25	2.75E-07	8.67E-11	2.52E-11	2.71E-07	8.56E-11	2.49E-11	2.63E-07	8.31E-11	2.42E-11
4154	495863.09, 3855377.25	2.68E-07	8.44E-11	2.46E-11	2.64E-07	8.33E-11	2.42E-11	2.56E-07	8.09E-11	2.35E-11
4155	496363.09, 3855377.25	2.78E-07	8.79E-11	2.56E-11	2.75E-07	8.67E-11	2.52E-11	2.67E-07	8.42E-11	2.45E-11
4156	496863.09, 3855377.25	2.86E-07	9.02E-11	2.62E-11	2.82E-07	8.90E-11	2.59E-11	2.74E-07	8.64E-11	2.51E-11
4157	497363.09, 3855377.25	2.99E-07	9.42E-11	2.74E-11	2.95E-07	9.30E-11	2.70E-11	2.86E-07	9.03E-11	2.63E-11
4158	497863.09, 3855377.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
4159	498363.09, 3855377.25	3.39E-07	1.07E-10	3.11E-11	3.35E-07	1.06E-10	3.07E-11	3.25E-07	1.03E-10	2.98E-11
4160	471363.09, 3855877.25	7.18E-08	2.27E-11	6.59E-12	7.09E-08	2.24E-11	6.51E-12	6.88E-08	2.17E-11	6.32E-12
4161	471863.09, 3855877.25	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
4162	472363.09, 3855877.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4163	472863.09, 3855877.25	8.21E-08	2.59E-11	7.54E-12	8.10E-08	2.56E-11	7.44E-12	7.87E-08	2.48E-11	7.22E-12
4164	473363.09, 3855877.25	8.94E-08	2.82E-11	8.21E-12	8.82E-08	2.78E-11	8.10E-12	8.57E-08	2.70E-11	7.87E-12
4165	473863.09, 3855877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
4166	474363.09, 3855877.25	9.96E-08	3.14E-11	9.14E-12	9.83E-08	3.10E-11	9.02E-12	9.54E-08	3.01E-11	8.76E-12
4167	474863.09, 3855877.25	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
4168	475363.09, 3855877.25	6.47E-08	2.04E-11	5.94E-12	6.38E-08	2.01E-11	5.86E-12	6.20E-08	1.96E-11	5.69E-12
4169	475863.09, 3855877.25	3.33E-08	1.05E-11	3.06E-12	3.29E-08	1.04E-11	3.02E-12	3.19E-08	1.01E-11	2.93E-12
4170	476363.09, 3855877.25	3.53E-08	1.11E-11	3.24E-12	3.48E-08	1.10E-11	3.20E-12	3.38E-08	1.07E-11	3.10E-12
4171	476863.09, 3855877.25	4.95E-08	1.56E-11	4.54E-12	4.88E-08	1.54E-11	4.48E-12	4.74E-08	1.50E-11	4.35E-12
4172	477363.09, 3855877.25	5.83E-08	1.84E-11	5.35E-12	5.75E-08	1.82E-11	5.28E-12	5.59E-08	1.76E-11	5.13E-12
4173	477863.09, 3855877.25	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
4174	478363.09, 3855877.25	8.41E-08	2.65E-11	7.72E-12	8.30E-08	2.62E-11	7.62E-12	8.06E-08	2.54E-11	7.40E-12
4175	478863.09, 3855877.25	1.02E-07	3.23E-11	9.39E-12	1.01E-07	3.19E-11	9.27E-12	9.80E-08	3.09E-11	9.00E-12
4176	479363.09, 3855877.25	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.98E-11	1.16E-11	1.22E-07	3.87E-11	1.12E-11
4177	479863.09, 3855877.25	1.53E-07	4.82E-11	1.40E-11	1.51E-07	4.76E-11	1.38E-11	1.46E-07	4.62E-11	1.34E-11
4178	480363.09, 3855877.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
4179	480863.09, 3855877.25	2.23E-07	7.04E-11	2.05E-11	2.20E-07	6.94E-11	2.02E-11	2.14E-07	6.74E-11	1.96E-11
4180	481363.09, 3855877.25	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.26E-11	2.11E-11	2.23E-07	7.05E-11	2.05E-11
4181	481863.09, 3855877.25	2.86E-07	9.02E-11	2.62E-11	2.82E-07	8.91E-11	2.59E-11	2.74E-07	8.65E-11	2.52E-11
4182	482363.09, 3855877.25	3.14E-07	9.91E-11	2.88E-11	3.10E-07	9.78E-11	2.85E-11	3.01E-07	9.50E-11	2.76E-11
4183	482863.09, 3855877.25	3.38E-07	1.07E-10	3.10E-11	3.33E-07	1.05E-10	3.06E-11	3.24E-07	1.02E-10	2.97E-11
4184	483363.09, 3855877.25	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.33E-11	3.53E-07	1.11E-10	3.24E-11
4185	483863.09, 3855877.25	4.05E-07	1.28E-10	3.72E-11	4.00E-07	1.26E-10	3.67E-11	3.88E-07	1.23E-10	3.56E-11
4186	484363.09, 3855877.25	4.43E-07	1.40E-10	4.07E-11	4.37E-07	1.38E-10	4.01E-11	4.25E-07	1.34E-10	3.90E-11
4187	484863.09, 3855877.25	4.64E-07	1.47E-10	4.26E-11	4.58E-07	1.45E-10	4.21E-11	4.45E-07	1.40E-10	4.08E-11
4188	485363.09, 3855877.25	4.82E-07	1.52E-10	4.43E-11	4.76E-07	1.50E-10	4.37E-11	4.62E-07	1.46E-10	4.24E-11
4189	485863.09, 3855877.25	5.19E-07	1.64E-10	4.76E-11	5.12E-07	1.62E-10	4.70E-11	4.97E-07	1.57E-10	4.56E-11
4190	486363.09, 3855877.25	5.27E-07	1.66E-10	4.84E-11	5.20E-07	1.64E-10	4.78E-11	5.05E-07	1.59E-10	4.64E-11
4191	486863.09, 3855877.25	4.94E-07	1.56E-10	4.53E-11	4.87E-07	1.54E-10	4.47E-11	4.73E-07	1.49E-10	4.34E-11
4192	487363.09, 3855877.25	5.43E-07	1.71E-10	4.99E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.78E-11
4193	487863.09, 3855877.25	5.92E-07	1.87E-10	5.44E-11	5.84E-07	1.84E-10	5.36E-11	5.67E-07	1.79E-10	5.21E-11
4194	488363.09, 3855877.25	6.44E-07	2.03E-10	5.91E-11	6.36E-07	2.01E-10	5.84E-11	6.17E-07	1.95E-10	5.67E-11
4195	488863.09, 3855877.25	6.94E-07	2.19E-10	6.37E-11	6.85E-07	2.16E-10	6.29E-11	6.65E-07	2.10E-10	6.11E-11
4196	489363.09, 3855877.25	7.35E-07	2.32E-10	6.75E-11	7.26E-07	2.29E-10	6.66E-11	7.05E-07	2.22E-10	6.47E-11
4197	489863.09, 3855877.25	7.84E-07	2.47E-10	7.20E-11	7.74E-07	2.44E-10	7.10E-11	7.51E-07	2.37E-10	6.90E-11
4198	490363.09, 3855877.25	8.70E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.89E-11	8.34E-07	2.63E-10	7.66E-11
4199	490863.09, 3855877.25	8.79E-07	2.77E-10	8.07E-11	8.67E-07	2.74E-10	7.96E-11	8.42E-07	2.66E-10	7.73E-11
4200	491363.09, 3855877.25	7.18E-07	2.27E-10	6.59E-11	7.09E-07	2.24E-10	6.51E-11	6.88E-07	2.17E-10	6.32E-11
4201	491863.09, 3855877.25	8.83E-07	2.79E-10	8.11E-11	8.72E-07	2.75E-10	8.00E-11	8.46E-07	2.67E-10	7.77E-11
4202	492363.09, 3855877.25	8.09E-07	2.55E-10	7.43E-11	7.99E-07	2.52E-10	7.33E-11	7.76E-07	2.45E-10	7.12E-11
4203	492863.09, 3855877.25	8.65E-07	2.73E-10	7.94E-11	8.53E-07	2.69E-10	7.84E-11	8.29E-07	2.62E-10	7.61E-11
4204	493363.09, 3855877.25	6.17E-07	1.95E-10	5.66E-11	6.09E-07	1.92E-10	5.59E-11	5.91E-07	1.87E-10	5.42E-11
4205	493863.09, 3855877.25	5.34E-07	1.69E-10	4.91E-11	5.27E-07	1.66E-10	4.84E-11	5.12E-07	1.62E-10	4.70E-11

4206	494363.09, 3855877.25	4.81E-07	1.52E-10	4.42E-11	4.75E-07	1.50E-10	4.36E-11	4.61E-07	1.46E-10	4.23E-11
4207	494863.09, 3855877.25	4.43E-07	1.40E-10	4.07E-11	4.37E-07	1.38E-10	4.01E-11	4.25E-07	1.34E-10	3.90E-11
4208	495363.09, 3855877.25	3.77E-07	1.19E-10	3.46E-11	3.72E-07	1.17E-10	3.42E-11	3.61E-07	1.14E-10	3.32E-11
4209	495863.09, 3855877.25	3.82E-07	1.21E-10	3.51E-11	3.77E-07	1.19E-10	3.46E-11	3.66E-07	1.16E-10	3.36E-11
4210	496363.09, 3855877.25	3.85E-07	1.22E-10	3.54E-11	3.80E-07	1.20E-10	3.49E-11	3.69E-07	1.16E-10	3.39E-11
4211	496863.09, 3855877.25	3.98E-07	1.26E-10	3.65E-11	3.93E-07	1.24E-10	3.61E-11	3.82E-07	1.20E-10	3.50E-11
4212	497363.09, 3855877.25	4.11E-07	1.30E-10	3.77E-11	4.05E-07	1.28E-10	3.72E-11	3.94E-07	1.24E-10	3.61E-11
4213	497863.09, 3855877.25	4.29E-07	1.35E-10	3.94E-11	4.23E-07	1.34E-10	3.88E-11	4.11E-07	1.30E-10	3.77E-11
4214	498363.09, 3855877.25	4.74E-07	1.50E-10	4.35E-11	4.68E-07	1.48E-10	4.30E-11	4.54E-07	1.43E-10	4.17E-11
4215	471363.09, 3856377.25	7.21E-08	2.28E-11	6.62E-12	7.12E-08	2.25E-11	6.53E-12	6.91E-08	2.18E-11	6.34E-12
4216	471863.09, 3856377.25	7.48E-08	2.36E-11	6.87E-12	7.39E-08	2.33E-11	6.78E-12	7.17E-08	2.26E-11	6.58E-12
4217	472363.09, 3856377.25	7.93E-08	2.50E-11	7.28E-12	7.82E-08	2.47E-11	7.18E-12	7.60E-08	2.40E-11	6.97E-12
4218	472863.09, 3856377.25	8.48E-08	2.68E-11	7.79E-12	8.37E-08	2.64E-11	7.69E-12	8.13E-08	2.57E-11	7.47E-12
4219	473363.09, 3856377.25	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
4220	473863.09, 3856377.25	9.84E-08	3.11E-11	9.03E-12	9.71E-08	3.06E-11	8.91E-12	9.43E-08	2.98E-11	8.66E-12
4221	474363.09, 3856377.25	9.85E-08	3.11E-11	9.04E-12	9.72E-08	3.07E-11	8.93E-12	9.44E-08	2.98E-11	8.67E-12
4222	474863.09, 3856377.25	9.60E-08	3.03E-11	8.82E-12	9.48E-08	2.99E-11	8.70E-12	9.20E-08	2.91E-11	8.45E-12
4223	475363.09, 3856377.25	8.45E-08	2.67E-11	7.75E-12	8.34E-08	2.63E-11	7.65E-12	8.09E-08	2.55E-11	7.43E-12
4224	475863.09, 3856377.25	6.55E-08	2.07E-11	6.01E-12	6.46E-08	2.04E-11	5.93E-12	6.27E-08	1.98E-11	5.76E-12
4225	476363.09, 3856377.25	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
4226	476863.09, 3856377.25	6.45E-08	2.04E-11	5.93E-12	6.37E-08	2.01E-11	5.85E-12	6.19E-08	1.95E-11	5.68E-12
4227	477363.09, 3856377.25	6.86E-08	2.16E-11	6.30E-12	6.77E-08	2.14E-11	6.21E-12	6.57E-08	2.07E-11	6.03E-12
4228	477863.09, 3856377.25	5.78E-08	1.82E-11	5.30E-12	5.70E-08	1.80E-11	5.24E-12	5.54E-08	1.75E-11	5.08E-12
4229	478363.09, 3856377.25	5.26E-08	1.66E-11	4.83E-12	5.19E-08	1.64E-11	4.76E-12	5.04E-08	1.59E-11	4.63E-12
4230	478863.09, 3856377.25	9.15E-08	2.89E-11	8.40E-12	9.03E-08	2.85E-11	8.29E-12	8.77E-08	2.77E-11	8.05E-12
4231	479363.09, 3856377.25	1.12E-07	3.54E-11	1.03E-11	1.11E-07	3.49E-11	1.02E-11	1.08E-07	3.39E-11	9.87E-12
4232	479863.09, 3856377.25	1.60E-07	5.06E-11	1.47E-11	1.58E-07	5.00E-11	1.45E-11	1.54E-07	4.85E-11	1.41E-11
4233	480363.09, 3856377.25	2.07E-07	6.54E-11	1.90E-11	2.04E-07	6.45E-11	1.88E-11	1.99E-07	6.27E-11	1.82E-11
4234	480863.09, 3856377.25	2.44E-07	7.69E-11	2.24E-11	2.41E-07	7.59E-11	2.21E-11	2.34E-07	7.37E-11	2.14E-11
4235	481363.09, 3856377.25	2.80E-07	8.85E-11	2.57E-11	2.77E-07	8.73E-11	2.54E-11	2.69E-07	8.48E-11	2.47E-11
4236	481863.09, 3856377.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.94E-11	2.89E-11	3.06E-07	9.65E-11	2.81E-11
4237	482363.09, 3856377.25	3.52E-07	1.11E-10	3.23E-11	3.47E-07	1.10E-10	3.19E-11	3.37E-07	1.06E-10	3.10E-11
4238	482863.09, 3856377.25	3.79E-07	1.20E-10	3.48E-11	3.74E-07	1.18E-10	3.43E-11	3.63E-07	1.15E-10	3.33E-11
4239	483363.09, 3856377.25	4.07E-07	1.29E-10	3.74E-11	4.02E-07	1.27E-10	3.69E-11	3.91E-07	1.23E-10	3.58E-11
4240	483863.09, 3856377.25	4.42E-07	1.40E-10	4.06E-11	4.37E-07	1.38E-10	4.01E-11	4.24E-07	1.34E-10	3.89E-11
4241	484363.09, 3856377.25	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
4242	484863.09, 3856377.25	5.52E-07	1.74E-10	5.07E-11	5.45E-07	1.72E-10	5.01E-11	5.29E-07	1.67E-10	4.86E-11
4243	485363.09, 3856377.25	6.10E-07	1.93E-10	5.60E-11	6.02E-07	1.90E-10	5.53E-11	5.85E-07	1.85E-10	5.37E-11
4244	485863.09, 3856377.25	6.39E-07	2.02E-10	5.86E-11	6.30E-07	1.99E-10	5.79E-11	6.12E-07	1.93E-10	5.62E-11
4245	486363.09, 3856377.25	6.32E-07	1.99E-10	5.80E-11	6.23E-07	1.97E-10	5.72E-11	6.05E-07	1.91E-10	5.56E-11
4246	486863.09, 3856377.25	7.27E-07	2.30E-10	6.68E-11	7.18E-07	2.27E-10	6.59E-11	6.97E-07	2.20E-10	6.40E-11
4247	487363.09, 3856377.25	7.65E-07	2.41E-10	7.02E-11	7.55E-07	2.38E-10	6.93E-11	7.33E-07	2.31E-10	6.73E-11
4248	487863.09, 3856377.25	8.56E-07	2.70E-10	7.86E-11	8.45E-07	2.67E-10	7.76E-11	8.20E-07	2.59E-10	7.53E-11
4249	488363.09, 3856377.25	9.37E-07	2.96E-10	8.60E-11	9.24E-07	2.92E-10	8.49E-11	8.98E-07	2.83E-10	8.24E-11
4250	488863.09, 3856377.25	1.04E-06	3.27E-10	9.51E-11	1.02E-06	3.23E-10	9.39E-11	9.93E-07	3.13E-10	9.12E-11
4251	489363.09, 3856377.25	1.11E-06	3.50E-10	1.02E-10	1.10E-06	3.46E-10	1.01E-10	1.06E-06	3.36E-10	9.76E-11
4252	489863.09, 3856377.25	1.26E-06	3.97E-10	1.15E-10	1.24E-06	3.91E-10	1.14E-10	1.20E-06	3.80E-10	1.11E-10
4253	490363.09, 3856377.25	1.41E-06	4.45E-10	1.29E-10	1.39E-06	4.39E-10	1.28E-10	1.35E-06	4.27E-10	1.24E-10
4254	490863.09, 3856377.25	1.64E-06	5.19E-10	1.51E-10	1.62E-06	5.12E-10	1.49E-10	1.58E-06	4.97E-10	1.45E-10
4255	491363.09, 3856377.25	1.96E-06	6.18E-10	1.80E-10	1.93E-06	6.09E-10	1.77E-10	1.88E-06	5.92E-10	1.72E-10
4256	491863.09, 3856377.25	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
4257	492363.09, 3856377.25	1.89E-06	5.96E-10	1.73E-10	1.86E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
4258	492863.09, 3856377.25	1.79E-06	5.65E-10	1.64E-10	1.77E-06	5.58E-10	1.62E-10	1.72E-06	5.42E-10	1.58E-10
4259	493363.09, 3856377.25	1.22E-06	3.84E-10	1.12E-10	1.20E-06	3.79E-10	1.10E-10	1.17E-06	3.68E-10	1.07E-10
4260	493863.09, 3856377.25	1.07E-06	3.37E-10	9.80E-11	1.05E-06	3.32E-10	9.67E-11	1.02E-06	3.23E-10	9.39E-11
4261	494363.09, 3856377.25	8.57E-07	2.71E-10	7.87E-11	8.46E-07	2.67E-10	7.77E-11	8.22E-07	2.59E-10	7.54E-11
4262	494863.09, 3856377.25	6.92E-07	2.18E-10	6.35E-11	6.83E-07	2.15E-10	6.27E-11	6.63E-07	2.09E-10	6.09E-11
4263	495363.09, 3856377.25	5.74E-07	1.81E-10	5.26E-11	5.66E-07	1.79E-10	5.20E-11	5.50E-07	1.73E-10	5.05E-11
4264	495863.09, 3856377.25	5.38E-07	1.70E-10	4.94E-11	5.31E-07	1.68E-10	4.87E-11	5.15E-07	1.63E-10	4.73E-11
4265	496363.09, 3856377.25	5.24E-07	1.66E-10	4.81E-11	5.18E-07	1.63E-10	4.75E-11	5.03E-07	1.59E-10	4.61E-11
4266	496863.09, 3856377.25	5.40E-07	1.70E-10	4.95E-11	5.32E-07	1.68E-10	4.89E-11	5.17E-07	1.63E-10	4.75E-11
4267	497363.09, 3856377.25	5.53E-07	1.75E-10	5.08E-11	5.46E-07	1.72E-10	5.01E-11	5.30E-07	1.67E-10	4.87E-11
4268	497863.09, 3856377.25	5.83E-07	1.84E-10	5.35E-11	5.75E-07	1.82E-10	5.28E-11	5.59E-07	1.76E-10	5.13E-11
4269	498363.09, 3856377.25	6.28E-07	1.98E-10	5.77E-11	6.20E-07	1.96E-10	5.69E-11	6.02E-07	1.90E-10	5.53E-11
4270	471363.09, 3856877.25	7.44E-08	2.35E-11	6.83E-12	7.35E-08	2.32E-11	6.74E-12	7.13E-08	2.25E-11	6.55E-12
4271	471863.09, 3856877.25	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
4272	472363.09, 3856877.25	8.02E-08	2.53E-11	7.36E-12	7.91E-08	2.50E-11	7.26E-12	7.68E-08	2.42E-11	7.05E-12
4273	472863.09, 3856877.25	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
4274	473363.09, 3856877.25	9.17E-08	2.90E-11	8.42E-12	9.05E-08	2.86E-11	8.31E-12	8.79E-08	2.78E-11	8.07E-12

4275	473863.09, 3856877.25	9.66E-08	3.05E-11	8.86E-12	9.53E-08	3.01E-11	8.75E-12	9.25E-08	2.92E-11	8.50E-12
4276	474363.09, 3856877.25	9.59E-08	3.03E-11	8.80E-12	9.47E-08	2.99E-11	8.69E-12	9.19E-08	2.90E-11	8.44E-12
4277	474863.09, 3856877.25	9.33E-08	2.94E-11	8.57E-12	9.21E-08	2.91E-11	8.45E-12	8.94E-08	2.82E-11	8.21E-12
4278	475363.09, 3856877.25	8.52E-08	2.69E-11	7.83E-12	8.41E-08	2.66E-11	7.72E-12	8.17E-08	2.58E-11	7.50E-12
4279	475863.09, 3856877.25	8.67E-08	2.74E-11	7.96E-12	8.55E-08	2.70E-11	7.85E-12	8.31E-08	2.62E-11	7.63E-12
4280	476363.09, 3856877.25	7.99E-08	2.52E-11	7.34E-12	7.89E-08	2.49E-11	7.24E-12	7.66E-08	2.42E-11	7.03E-12
4281	476863.09, 3856877.25	7.87E-08	2.48E-11	7.23E-12	7.77E-08	2.45E-11	7.13E-12	7.55E-08	2.38E-11	6.93E-12
4282	477363.09, 3856877.25	7.27E-08	2.30E-11	6.68E-12	7.18E-08	2.27E-11	6.59E-12	6.97E-08	2.20E-11	6.40E-12
4283	477863.09, 3856877.25	5.41E-08	1.71E-11	4.97E-12	5.34E-08	1.69E-11	4.91E-12	5.19E-08	1.64E-11	4.76E-12
4284	478363.09, 3856877.25	4.95E-08	1.56E-11	4.54E-12	4.88E-08	1.54E-11	4.48E-12	4.74E-08	1.50E-11	4.35E-12
4285	478863.09, 3856877.25	6.08E-08	1.92E-11	5.58E-12	6.00E-08	1.89E-11	5.51E-12	5.82E-08	1.84E-11	5.35E-12
4286	479363.09, 3856877.25	7.82E-08	2.47E-11	7.18E-12	7.72E-08	2.44E-11	7.09E-12	7.50E-08	2.37E-11	6.88E-12
4287	479863.09, 3856877.25	1.53E-07	4.84E-11	1.41E-11	1.51E-07	4.78E-11	1.39E-11	1.47E-07	4.64E-11	1.35E-11
4288	480363.09, 3856877.25	2.09E-07	6.58E-11	1.92E-11	2.06E-07	6.50E-11	1.89E-11	2.00E-07	6.31E-11	1.84E-11
4289	480863.09, 3856877.25	2.60E-07	8.21E-11	2.39E-11	2.57E-07	8.10E-11	2.36E-11	2.49E-07	7.86E-11	2.29E-11
4290	481363.09, 3856877.25	3.05E-07	9.61E-11	2.80E-11	3.01E-07	9.49E-11	2.76E-11	2.92E-07	9.21E-11	2.68E-11
4291	481863.09, 3856877.25	3.40E-07	1.07E-10	3.12E-11	3.36E-07	1.06E-10	3.08E-11	3.26E-07	1.03E-10	2.99E-11
4292	482363.09, 3856877.25	3.82E-07	1.21E-10	3.51E-11	3.77E-07	1.19E-10	3.46E-11	3.66E-07	1.16E-10	3.36E-11
4293	482863.09, 3856877.25	4.19E-07	1.32E-10	3.84E-11	4.13E-07	1.30E-10	3.79E-11	4.01E-07	1.27E-10	3.68E-11
4294	483363.09, 3856877.25	4.60E-07	1.45E-10	4.23E-11	4.54E-07	1.43E-10	4.17E-11	4.41E-07	1.39E-10	4.05E-11
4295	483863.09, 3856877.25	5.07E-07	1.60E-10	4.66E-11	5.01E-07	1.58E-10	4.60E-11	4.86E-07	1.53E-10	4.46E-11
4296	484363.09, 3856877.25	5.60E-07	1.77E-10	5.14E-11	5.53E-07	1.75E-10	5.08E-11	5.37E-07	1.69E-10	4.93E-11
4297	484863.09, 3856877.25	6.18E-07	1.95E-10	5.68E-11	6.10E-07	1.93E-10	5.60E-11	5.93E-07	1.87E-10	5.44E-11
4298	485363.09, 3856877.25	7.06E-07	2.23E-10	6.48E-11	6.97E-07	2.20E-10	6.40E-11	6.76E-07	2.14E-10	6.21E-11
4299	485863.09, 3856877.25	8.23E-07	2.60E-10	7.56E-11	8.12E-07	2.56E-10	7.46E-11	7.89E-07	2.49E-10	7.24E-11
4300	486363.09, 3856877.25	8.04E-07	2.54E-10	7.38E-11	7.93E-07	2.50E-10	7.28E-11	7.70E-07	2.43E-10	7.07E-11
4301	486863.09, 3856877.25	9.17E-07	2.90E-10	8.42E-11	9.05E-07	2.86E-10	8.31E-11	8.79E-07	2.78E-10	8.07E-11
4302	487363.09, 3856877.25	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
4303	487863.09, 3856877.25	1.24E-06	3.90E-10	1.14E-10	1.22E-06	3.85E-10	1.12E-10	1.19E-06	3.74E-10	1.09E-10
4304	488363.09, 3856877.25	1.38E-06	4.34E-10	1.26E-10	1.36E-06	4.28E-10	1.25E-10	1.32E-06	4.16E-10	1.21E-10
4305	488863.09, 3856877.25	1.54E-06	4.87E-10	1.42E-10	1.52E-06	4.81E-10	1.40E-10	1.48E-06	4.67E-10	1.36E-10
4306	489363.09, 3856877.25	1.71E-06	5.41E-10	1.57E-10	1.69E-06	5.34E-10	1.55E-10	1.64E-06	5.18E-10	1.51E-10
4307	489863.09, 3856877.25	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.76E-10	1.87E-06	5.89E-10	1.71E-10
4308	490363.09, 3856877.25	2.36E-06	7.44E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.13E-10	2.08E-10
4309	490863.09, 3856877.25	3.20E-06	1.01E-09	2.93E-10	3.15E-06	9.95E-10	2.90E-10	3.06E-06	9.67E-10	2.81E-10
4310	491363.09, 3856877.25	5.31E-06	1.67E-09	4.87E-10	5.24E-06	1.65E-09	4.81E-10	5.09E-06	1.60E-09	4.67E-10
4311	491863.09, 3856877.25	2.28E-05	7.21E-09	2.10E-09	2.25E-05	7.12E-09	2.07E-09	2.19E-05	6.91E-09	2.01E-09
4312	492363.09, 3856877.25	2.41E-05	7.60E-09	2.21E-09	2.38E-05	7.51E-09	2.18E-09	2.31E-05	7.29E-09	2.12E-09
4313	492863.09, 3856877.25	6.18E-06	1.95E-09	5.67E-10	6.10E-06	1.92E-09	5.60E-10	5.92E-06	1.87E-09	5.43E-10
4314	493363.09, 3856877.25	3.05E-06	9.62E-10	2.80E-10	3.01E-06	9.49E-10	2.76E-10	2.92E-06	9.22E-10	2.68E-10
4315	493863.09, 3856877.25	1.84E-06	5.82E-10	1.69E-10	1.82E-06	5.75E-10	1.67E-10	1.77E-06	5.58E-10	1.62E-10
4316	494363.09, 3856877.25	1.27E-06	4.01E-10	1.17E-10	1.25E-06	3.95E-10	1.15E-10	1.22E-06	3.84E-10	1.12E-10
4317	494863.09, 3856877.25	1.00E-06	3.16E-10	9.19E-11	9.88E-07	3.12E-10	9.07E-11	9.60E-07	3.03E-10	8.81E-11
4318	495363.09, 3856877.25	8.45E-07	2.67E-10	7.75E-11	8.34E-07	2.63E-10	7.65E-11	8.09E-07	2.55E-10	7.43E-11
4319	495863.09, 3856877.25	7.74E-07	2.44E-10	7.10E-11	7.63E-07	2.41E-10	7.01E-11	7.41E-07	2.34E-10	6.81E-11
4320	496363.09, 3856877.25	7.23E-07	2.28E-10	6.64E-11	7.14E-07	2.25E-10	6.55E-11	6.93E-07	2.19E-10	6.36E-11
4321	496863.09, 3856877.25	7.01E-07	2.21E-10	6.44E-11	6.92E-07	2.18E-10	6.36E-11	6.72E-07	2.12E-10	6.17E-11
4322	497363.09, 3856877.25	7.03E-07	2.22E-10	6.45E-11	6.94E-07	2.19E-10	6.37E-11	6.74E-07	2.13E-10	6.19E-11
4323	497863.09, 3856877.25	7.52E-07	2.37E-10	6.91E-11	7.43E-07	2.34E-10	6.82E-11	7.21E-07	2.28E-10	6.62E-11
4324	498363.09, 3856877.25	8.27E-07	2.61E-10	7.59E-11	8.16E-07	2.58E-10	7.49E-11	7.92E-07	2.50E-10	7.27E-11
4325	471363.09, 3857377.25	7.81E-08	2.46E-11	7.17E-12	7.71E-08	2.43E-11	7.07E-12	7.48E-08	2.36E-11	6.87E-12
4326	471863.09, 3857377.25	7.96E-08	2.51E-11	7.31E-12	7.86E-08	2.48E-11	7.22E-12	7.63E-08	2.41E-11	7.01E-12
4327	472363.09, 3857377.25	8.32E-08	2.62E-11	7.63E-12	8.21E-08	2.59E-11	7.53E-12	7.97E-08	2.52E-11	7.32E-12
4328	472863.09, 3857377.25	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
4329	473363.09, 3857377.25	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
4330	473863.09, 3857377.25	1.01E-07	3.17E-11	9.23E-12	9.93E-08	3.13E-11	9.11E-12	9.64E-08	3.04E-11	8.85E-12
4331	474363.09, 3857377.25	9.71E-08	3.06E-11	8.91E-12	9.58E-08	3.02E-11	8.80E-12	9.30E-08	2.94E-11	8.54E-12
4332	474863.09, 3857377.25	8.20E-08	2.59E-11	7.53E-12	8.09E-08	2.55E-11	7.43E-12	7.86E-08	2.48E-11	7.21E-12
4333	475363.09, 3857377.25	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
4334	475863.09, 3857377.25	6.12E-08	1.93E-11	5.62E-12	6.04E-08	1.91E-11	5.54E-12	5.86E-08	1.85E-11	5.38E-12
4335	476363.09, 3857377.25	7.51E-08	2.37E-11	6.89E-12	7.41E-08	2.34E-11	6.80E-12	7.20E-08	2.27E-11	6.61E-12
4336	476863.09, 3857377.25	7.87E-08	2.48E-11	7.23E-12	7.77E-08	2.45E-11	7.13E-12	7.55E-08	2.38E-11	6.93E-12
4337	477363.09, 3857377.25	7.29E-08	2.30E-11	6.69E-12	7.19E-08	2.27E-11	6.60E-12	6.98E-08	2.20E-11	6.41E-12
4338	477863.09, 3857377.25	5.93E-08	1.87E-11	5.45E-12	5.86E-08	1.85E-11	5.38E-12	5.69E-08	1.80E-11	5.22E-12
4339	478363.09, 3857377.25	4.89E-08	1.54E-11	4.49E-12	4.83E-08	1.52E-11	4.43E-12	4.69E-08	1.48E-11	4.31E-12
4340	478863.09, 3857377.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
4341	479363.09, 3857377.25	6.36E-08	2.01E-11	5.84E-12	6.28E-08	1.98E-11	5.77E-12	6.10E-08	1.92E-11	5.60E-12
4342	479863.09, 3857377.25	1.32E-07	4.17E-11	1.21E-11	1.30E-07	4.11E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11
4343	480363.09, 3857377.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.56E-11	1.04E-11

4344	480863.09, 3857377.25	2.56E-07	8.10E-11	2.35E-11	2.53E-07	7.99E-11	2.32E-11	2.46E-07	7.76E-11	2.26E-11
4345	481363.09, 3857377.25	2.78E-07	8.78E-11	2.55E-11	2.74E-07	8.66E-11	2.52E-11	2.67E-07	8.41E-11	2.45E-11
4346	481863.09, 3857377.25	3.28E-07	1.03E-10	3.01E-11	3.23E-07	1.02E-10	2.97E-11	3.14E-07	9.91E-11	2.88E-11
4347	482363.09, 3857377.25	3.86E-07	1.22E-10	3.54E-11	3.81E-07	1.20E-10	3.49E-11	3.70E-07	1.17E-10	3.39E-11
4348	482863.09, 3857377.25	4.32E-07	1.36E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.14E-07	1.31E-10	3.80E-11
4349	483363.09, 3857377.25	4.86E-07	1.53E-10	4.46E-11	4.79E-07	1.51E-10	4.40E-11	4.66E-07	1.47E-10	4.27E-11
4350	483863.09, 3857377.25	5.50E-07	1.74E-10	5.05E-11	5.43E-07	1.71E-10	4.99E-11	5.27E-07	1.66E-10	4.84E-11
4351	484363.09, 3857377.25	6.26E-07	1.98E-10	5.75E-11	6.18E-07	1.95E-10	5.67E-11	6.00E-07	1.89E-10	5.51E-11
4352	484863.09, 3857377.25	7.19E-07	2.27E-10	6.60E-11	7.10E-07	2.24E-10	6.51E-11	6.89E-07	2.17E-10	6.33E-11
4353	485363.09, 3857377.25	8.29E-07	2.62E-10	7.61E-11	8.19E-07	2.58E-10	7.52E-11	7.95E-07	2.51E-10	7.30E-11
4354	485863.09, 3857377.25	9.61E-07	3.03E-10	8.82E-11	9.49E-07	2.99E-10	8.71E-11	9.21E-07	2.91E-10	8.46E-11
4355	486363.09, 3857377.25	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.60E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
4356	486863.09, 3857377.25	1.29E-06	4.09E-10	1.19E-10	1.28E-06	4.03E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10
4357	487363.09, 3857377.25	1.60E-06	5.04E-10	1.47E-10	1.58E-06	4.98E-10	1.45E-10	1.53E-06	4.83E-10	1.41E-10
4358	487863.09, 3857377.25	2.05E-06	6.47E-10	1.88E-10	2.02E-06	6.38E-10	1.86E-10	1.96E-06	6.20E-10	1.80E-10
4359	488363.09, 3857377.25	2.25E-06	7.11E-10	2.07E-10	2.22E-06	7.01E-10	2.04E-10	2.16E-06	6.81E-10	1.98E-10
4360	488863.09, 3857377.25	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
4361	489363.09, 3857377.25	2.98E-06	9.41E-10	2.74E-10	2.94E-06	9.29E-10	2.70E-10	2.86E-06	9.02E-10	2.62E-10
4362	489863.09, 3857377.25	3.50E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.08E-10
4363	490363.09, 3857377.25	4.28E-06	1.35E-09	3.93E-10	4.23E-06	1.33E-09	3.88E-10	4.10E-06	1.29E-09	3.77E-10
4364	490863.09, 3857377.25	6.08E-06	1.92E-09	5.58E-10	6.00E-06	1.89E-09	5.51E-10	5.83E-06	1.84E-09	5.35E-10
4365	491363.09, 3857377.25	1.46E-05	4.62E-09	1.34E-09	1.44E-05	4.56E-09	1.33E-09	1.40E-05	4.43E-09	1.29E-09
4366	491863.09, 3857377.25	2.85E-05	9.01E-09	2.62E-09	2.82E-05	8.89E-09	2.59E-09	2.74E-05	8.63E-09	2.51E-09
4367	492363.09, 3857377.25	8.67E-06	2.74E-09	7.96E-10	8.56E-06	2.70E-09	7.86E-10	8.31E-06	2.62E-09	7.63E-10
4368	492863.09, 3857377.25	4.53E-06	1.43E-09	4.15E-10	4.47E-06	1.41E-09	4.10E-10	4.34E-06	1.37E-09	3.98E-10
4369	493363.09, 3857377.25	2.82E-06	8.90E-10	2.59E-10	2.78E-06	8.78E-10	2.55E-10	2.70E-06	8.53E-10	2.48E-10
4370	493863.09, 3857377.25	2.13E-06	6.74E-10	1.96E-10	2.11E-06	6.65E-10	1.93E-10	2.05E-06	6.45E-10	1.88E-10
4371	494363.09, 3857377.25	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
4372	494863.09, 3857377.25	1.34E-06	4.23E-10	1.23E-10	1.32E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
4373	495363.09, 3857377.25	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.96E-11
4374	495863.09, 3857377.25	1.02E-06	3.20E-10	9.32E-11	1.00E-06	3.16E-10	9.20E-11	9.73E-07	3.07E-10	8.93E-11
4375	496363.09, 3857377.25	9.32E-07	2.94E-10	8.56E-11	9.20E-07	2.90E-10	8.45E-11	8.93E-07	2.82E-10	8.20E-11
4376	496863.09, 3857377.25	8.74E-07	2.76E-10	8.02E-11	8.62E-07	2.72E-10	7.92E-11	8.37E-07	2.64E-10	7.69E-11
4377	497363.09, 3857377.25	8.62E-07	2.72E-10	7.91E-11	8.51E-07	2.69E-10	7.81E-11	8.26E-07	2.61E-10	7.58E-11
4378	497863.09, 3857377.25	8.87E-07	2.80E-10	8.14E-11	8.76E-07	2.76E-10	8.04E-11	8.50E-07	2.68E-10	7.81E-11
4379	498363.09, 3857377.25	1.05E-06	3.30E-10	9.59E-11	1.03E-06	3.26E-10	9.47E-11	1.00E-06	3.16E-10	9.20E-11
4380	471363.09, 3857877.25	8.13E-08	2.57E-11	7.47E-12	8.03E-08	2.53E-11	7.37E-12	7.80E-08	2.46E-11	7.16E-12
4381	471863.09, 3857877.25	8.35E-08	2.64E-11	7.67E-12	8.25E-08	2.60E-11	7.57E-12	8.01E-08	2.53E-11	7.35E-12
4382	472363.09, 3857877.25	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
4383	472863.09, 3857877.25	9.34E-08	2.95E-11	8.58E-12	9.22E-08	2.91E-11	8.47E-12	8.95E-08	2.83E-11	8.22E-12
4384	473363.09, 3857877.25	9.77E-08	3.08E-11	8.97E-12	9.65E-08	3.04E-11	8.86E-12	9.37E-08	2.96E-11	8.60E-12
4385	473863.09, 3857877.25	1.04E-07	3.29E-11	9.57E-12	1.03E-07	3.25E-11	9.44E-12	9.99E-08	3.15E-11	9.17E-12
4386	474363.09, 3857877.25	9.85E-08	3.11E-11	9.04E-12	9.72E-08	3.07E-11	8.93E-12	9.44E-08	2.98E-11	8.67E-12
4387	474863.09, 3857877.25	8.00E-08	2.53E-11	7.35E-12	7.90E-08	2.49E-11	7.25E-12	7.67E-08	2.42E-11	7.04E-12
4388	475363.09, 3857877.25	5.27E-08	1.66E-11	4.84E-12	5.20E-08	1.64E-11	4.78E-12	5.05E-08	1.59E-11	4.64E-12
4389	475863.09, 3857877.25	2.88E-08	9.08E-12	2.64E-12	2.84E-08	8.96E-12	2.61E-12	2.76E-08	8.70E-12	2.53E-12
4390	476363.09, 3857877.25	5.92E-08	1.87E-11	5.44E-12	5.84E-08	1.84E-11	5.36E-12	5.67E-08	1.79E-11	5.21E-12
4391	476863.09, 3857877.25	7.01E-08	2.21E-11	6.44E-12	6.92E-08	2.18E-11	6.36E-12	6.72E-08	2.12E-11	6.17E-12
4392	477363.09, 3857877.25	7.04E-08	2.22E-11	6.46E-12	6.95E-08	2.19E-11	6.38E-12	6.75E-08	2.13E-11	6.19E-12
4393	477863.09, 3857877.25	6.90E-08	2.18E-11	6.33E-12	6.81E-08	2.15E-11	6.25E-12	6.61E-08	2.09E-11	6.07E-12
4394	478363.09, 3857877.25	4.41E-08	1.39E-11	4.05E-12	4.35E-08	1.37E-11	4.00E-12	4.23E-08	1.33E-11	3.88E-12
4395	478863.09, 3857877.25	3.83E-08	1.21E-11	3.51E-12	3.78E-08	1.19E-11	3.47E-12	3.67E-08	1.16E-11	3.37E-12
4396	479363.09, 3857877.25	1.29E-07	4.08E-11	1.19E-11	1.28E-07	4.03E-11	1.17E-11	1.24E-07	3.91E-11	1.14E-11
4397	479863.09, 3857877.25	2.02E-07	6.38E-11	1.86E-11	2.00E-07	6.30E-11	1.83E-11	1.94E-07	6.12E-11	1.78E-11
4398	480363.09, 3857877.25	2.40E-07	7.57E-11	2.20E-11	2.37E-07	7.47E-11	2.17E-11	2.30E-07	7.25E-11	2.11E-11
4399	480863.09, 3857877.25	2.63E-07	8.30E-11	2.41E-11	2.59E-07	8.19E-11	2.38E-11	2.52E-07	7.95E-11	2.31E-11
4400	481363.09, 3857877.25	2.90E-07	9.16E-11	2.67E-11	2.87E-07	9.04E-11	2.63E-11	2.78E-07	8.78E-11	2.55E-11
4401	481863.09, 3857877.25	3.29E-07	1.04E-10	3.02E-11	3.25E-07	1.02E-10	2.98E-11	3.15E-07	9.95E-11	2.89E-11
4402	482363.09, 3857877.25	3.84E-07	1.21E-10	3.52E-11	3.79E-07	1.20E-10	3.48E-11	3.68E-07	1.16E-10	3.38E-11
4403	482863.09, 3857877.25	4.37E-07	1.38E-10	4.01E-11	4.31E-07	1.36E-10	3.96E-11	4.19E-07	1.32E-10	3.84E-11
4404	483363.09, 3857877.25	4.92E-07	1.55E-10	4.52E-11	4.85E-07	1.53E-10	4.46E-11	4.71E-07	1.49E-10	4.33E-11
4405	483863.09, 3857877.25	5.61E-07	1.77E-10	5.15E-11	5.54E-07	1.75E-10	5.08E-11	5.38E-07	1.70E-10	4.94E-11
4406	484363.09, 3857877.25	6.47E-07	2.04E-10	5.94E-11	6.39E-07	2.02E-10	5.87E-11	6.20E-07	1.96E-10	5.70E-11
4407	484863.09, 3857877.25	7.59E-07	2.40E-10	6.97E-11	7.49E-07	2.36E-10	6.88E-11	7.27E-07	2.30E-10	6.68E-11
4408	485363.09, 3857877.25	9.05E-07	2.85E-10	8.30E-11	8.93E-07	2.82E-10	8.20E-11	8.67E-07	2.74E-10	7.96E-11
4409	485863.09, 3857877.25	1.11E-06	3.50E-10	1.02E-10	1.09E-06	3.45E-10	1.00E-10	1.06E-06	3.35E-10	9.74E-11
4410	486363.09, 3857877.25	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.27E-10	1.35E-06	4.25E-10	1.24E-10
4411	486863.09, 3857877.25	1.89E-06	5.97E-10	1.74E-10	1.87E-06	5.89E-10	1.71E-10	1.81E-06	5.72E-10	1.66E-10
4412	487363.09, 3857877.25	2.80E-06	8.83E-10	2.57E-10	2.76E-06	8.72E-10	2.54E-10	2.68E-06	8.47E-10	2.46E-10

4413	487863.09, 3857877.25	4.63E-06	1.46E-09	4.25E-10	4.57E-06	1.44E-09	4.19E-10	4.43E-06	1.40E-09	4.07E-10
4414	488363.09, 3857877.25	6.44E-06	2.03E-09	5.91E-10	6.35E-06	2.01E-09	5.83E-10	6.17E-06	1.95E-09	5.66E-10
4415	488863.09, 3857877.25	8.60E-06	2.71E-09	7.90E-10	8.49E-06	2.68E-09	7.79E-10	8.24E-06	2.60E-09	7.57E-10
4416	489363.09, 3857877.25	8.70E-06	2.75E-09	7.99E-10	8.59E-06	2.71E-09	7.88E-10	8.34E-06	2.63E-09	7.66E-10
4417	489863.09, 3857877.25	8.88E-06	2.80E-09	8.15E-10	8.76E-06	2.77E-09	8.04E-10	8.51E-06	2.69E-09	7.81E-10
4418	490363.09, 3857877.25	1.02E-05	3.21E-09	9.33E-10	1.00E-05	3.17E-09	9.21E-10	9.74E-06	3.07E-09	8.94E-10
4419	490863.09, 3857877.25	1.39E-05	4.40E-09	1.28E-09	1.38E-05	4.34E-09	1.26E-09	1.34E-05	4.21E-09	1.23E-09
4420	491363.09, 3857877.25	7.14E-05	2.25E-08	6.56E-09	7.05E-05	2.23E-08	6.47E-09	6.85E-05	2.16E-08	6.29E-09
4421	491863.09, 3857877.25	1.73E-05	5.45E-09	1.59E-09	1.70E-05	5.38E-09	1.56E-09	1.65E-05	5.22E-09	1.52E-09
4422	492363.09, 3857877.25	7.12E-06	2.25E-09	6.53E-10	7.02E-06	2.22E-09	6.45E-10	6.82E-06	2.15E-09	6.26E-10
4423	492863.09, 3857877.25	4.07E-06	1.29E-09	3.74E-10	4.02E-06	1.27E-09	3.69E-10	3.90E-06	1.23E-09	3.58E-10
4424	493363.09, 3857877.25	2.98E-06	9.42E-10	2.74E-10	2.94E-06	9.29E-10	2.70E-10	2.86E-06	9.02E-10	2.62E-10
4425	493863.09, 3857877.25	2.38E-06	7.51E-10	2.18E-10	2.35E-06	7.41E-10	2.16E-10	2.28E-06	7.20E-10	2.09E-10
4426	494363.09, 3857877.25	1.97E-06	6.22E-10	1.81E-10	1.94E-06	6.14E-10	1.79E-10	1.89E-06	5.96E-10	1.73E-10
4427	494863.09, 3857877.25	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
4428	495363.09, 3857877.25	1.37E-06	4.31E-10	1.25E-10	1.35E-06	4.26E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
4429	495863.09, 3857877.25	1.21E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
4430	496363.09, 3857877.25	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.52E-10	1.02E-10	1.08E-06	3.42E-10	9.94E-11
4431	496863.09, 3857877.25	1.07E-06	3.37E-10	9.80E-11	1.05E-06	3.32E-10	9.67E-11	1.02E-06	3.23E-10	9.39E-11
4432	497363.09, 3857877.25	1.00E-06	3.15E-10	9.18E-11	9.87E-07	3.11E-10	9.06E-11	9.58E-07	3.02E-10	8.79E-11
4433	497863.09, 3857877.25	1.08E-06	3.42E-10	9.96E-11	1.07E-06	3.38E-10	9.83E-11	1.04E-06	3.28E-10	9.54E-11
4434	498363.09, 3857877.25	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
4435	471363.09, 3858377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4436	471863.09, 3858377.25	8.26E-08	2.61E-11	7.59E-12	8.16E-08	2.57E-11	7.49E-12	7.92E-08	2.50E-11	7.27E-12
4437	472363.09, 3858377.25	8.54E-08	2.69E-11	7.84E-12	8.43E-08	2.66E-11	7.73E-12	8.18E-08	2.58E-11	7.51E-12
4438	472863.09, 3858377.25	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
4439	473363.09, 3858377.25	9.89E-08	3.12E-11	9.08E-12	9.76E-08	3.08E-11	8.96E-12	9.48E-08	2.99E-11	8.70E-12
4440	473863.09, 3858377.25	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
4441	474363.09, 3858377.25	9.21E-08	2.91E-11	8.46E-12	9.09E-08	2.87E-11	8.35E-12	8.83E-08	2.79E-11	8.11E-12
4442	474863.09, 3858377.25	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
4443	475363.09, 3858377.25	6.19E-08	1.96E-11	5.69E-12	6.11E-08	1.93E-11	5.61E-12	5.94E-08	1.87E-11	5.45E-12
4444	475863.09, 3858377.25	4.89E-08	1.54E-11	4.49E-12	4.83E-08	1.52E-11	4.43E-12	4.69E-08	1.48E-11	4.31E-12
4445	476363.09, 3858377.25	5.30E-08	1.67E-11	4.86E-12	5.23E-08	1.65E-11	4.80E-12	5.08E-08	1.60E-11	4.66E-12
4446	476863.09, 3858377.25	5.70E-08	1.80E-11	5.23E-12	5.63E-08	1.78E-11	5.16E-12	5.46E-08	1.72E-11	5.02E-12
4447	477363.09, 3858377.25	5.58E-08	1.76E-11	5.13E-12	5.51E-08	1.74E-11	5.06E-12	5.35E-08	1.69E-11	4.91E-12
4448	477863.09, 3858377.25	7.12E-08	2.25E-11	6.53E-12	7.03E-08	2.22E-11	6.45E-12	6.82E-08	2.15E-11	6.26E-12
4449	478363.09, 3858377.25	7.64E-08	2.41E-11	7.01E-12	7.54E-08	2.38E-11	6.92E-12	7.32E-08	2.31E-11	6.72E-12
4450	478863.09, 3858377.25	5.73E-08	1.81E-11	5.26E-12	5.65E-08	1.78E-11	5.19E-12	5.49E-08	1.73E-11	5.04E-12
4451	479363.09, 3858377.25	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.18E-11	1.22E-11	1.29E-07	4.06E-11	1.18E-11
4452	479863.09, 3858377.25	2.07E-07	6.53E-11	1.90E-11	2.04E-07	6.45E-11	1.88E-11	1.98E-07	6.26E-11	1.82E-11
4453	480363.09, 3858377.25	2.41E-07	7.61E-11	2.21E-11	2.38E-07	7.51E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
4454	480863.09, 3858377.25	2.62E-07	8.26E-11	2.40E-11	2.58E-07	8.16E-11	2.37E-11	2.51E-07	7.92E-11	2.30E-11
4455	481363.09, 3858377.25	2.90E-07	9.16E-11	2.66E-11	2.86E-07	9.04E-11	2.63E-11	2.78E-07	8.77E-11	2.55E-11
4456	481863.09, 3858377.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
4457	482363.09, 3858377.25	3.59E-07	1.13E-10	3.29E-11	3.54E-07	1.12E-10	3.25E-11	3.44E-07	1.09E-10	3.16E-11
4458	482863.09, 3858377.25	4.24E-07	1.34E-10	3.90E-11	4.19E-07	1.32E-10	3.85E-11	4.07E-07	1.28E-10	3.73E-11
4459	483363.09, 3858377.25	4.90E-07	1.55E-10	4.49E-11	4.83E-07	1.52E-10	4.44E-11	4.69E-07	1.48E-10	4.31E-11
4460	483863.09, 3858377.25	5.56E-07	1.75E-10	5.10E-11	5.48E-07	1.73E-10	5.03E-11	5.32E-07	1.68E-10	4.89E-11
4461	484363.09, 3858377.25	6.45E-07	2.04E-10	5.92E-11	6.37E-07	2.01E-10	5.85E-11	6.18E-07	1.95E-10	5.68E-11
4462	484863.09, 3858377.25	7.61E-07	2.40E-10	6.99E-11	7.51E-07	2.37E-10	6.90E-11	7.29E-07	2.30E-10	6.70E-11
4463	485363.09, 3858377.25	9.13E-07	2.88E-10	8.38E-11	9.01E-07	2.84E-10	8.27E-11	8.75E-07	2.76E-10	8.03E-11
4464	485863.09, 3858377.25	1.13E-06	3.58E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.09E-06	3.43E-10	9.98E-11
4465	486363.09, 3858377.25	1.47E-06	4.63E-10	1.35E-10	1.45E-06	4.57E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
4466	486863.09, 3858377.25	2.01E-06	6.34E-10	1.84E-10	1.98E-06	6.25E-10	1.82E-10	1.92E-06	6.07E-10	1.77E-10
4467	487363.09, 3858377.25	3.15E-06	9.95E-10	2.90E-10	3.11E-06	9.82E-10	2.86E-10	3.02E-06	9.54E-10	2.77E-10
4468	487863.09, 3858377.25	7.32E-06	2.31E-09	6.72E-10	7.22E-06	2.28E-09	6.63E-10	7.02E-06	2.21E-09	6.44E-10
4469	488363.09, 3858377.25	2.15E-05	6.77E-09	1.97E-09	2.12E-05	6.68E-09	1.94E-09	2.06E-05	6.49E-09	1.89E-09
4470	488863.09, 3858377.25	4.45E-05	1.40E-08	4.08E-09	4.39E-05	1.39E-08	4.03E-09	4.26E-05	1.34E-08	3.91E-09
4471	489363.09, 3858377.25	5.00E-05	1.58E-08	4.59E-09	4.94E-05	1.56E-08	4.53E-09	4.79E-05	1.51E-08	4.40E-09
4472	489863.09, 3858377.25	9.14E-05	2.88E-08	8.39E-09	9.02E-05	2.85E-08	8.28E-09	8.76E-05	2.76E-08	8.04E-09
4473	490363.09, 3858377.25	8.11E-05	2.56E-08	7.45E-09	8.01E-05	2.53E-08	7.35E-09	7.78E-05	2.45E-08	7.14E-09
4474	490863.09, 3858377.25	6.17E-05	1.95E-08	5.67E-09	6.09E-05	1.92E-08	5.59E-09	5.92E-05	1.87E-08	5.43E-09
4475	491363.09, 3858377.25	2.59E-05	8.16E-09	2.37E-09	2.55E-05	8.05E-09	2.34E-09	2.48E-05	7.82E-09	2.27E-09
4476	491863.09, 3858377.25	1.04E-05	3.30E-09	9.59E-10	1.03E-05	3.25E-09	9.46E-10	1.00E-05	3.16E-09	9.19E-10
4477	492363.09, 3858377.25	4.96E-06	1.57E-09	4.56E-10	4.90E-06	1.55E-09	4.50E-10	4.76E-06	1.50E-09	4.37E-10
4478	492863.09, 3858377.25	4.51E-06	1.42E-09	4.14E-10	4.45E-06	1.41E-09	4.09E-10	4.32E-06	1.36E-09	3.97E-10
4479	493363.09, 3858377.25	3.36E-06	1.06E-09	3.08E-10	3.32E-06	1.05E-09	3.04E-10	3.22E-06	1.02E-09	2.96E-10
4480	493863.09, 3858377.25	2.75E-06	8.67E-10	2.52E-10	2.71E-06	8.55E-10	2.49E-10	2.63E-06	8.31E-10	2.42E-10
4481	494363.09, 3858377.25	2.22E-06	7.02E-10	2.04E-10	2.20E-06	6.93E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10

4482	494863.09, 3858377.25	1.85E-06	5.84E-10	1.70E-10	1.83E-06	5.76E-10	1.68E-10	1.77E-06	5.60E-10	1.63E-10
4483	495363.09, 3858377.25	1.52E-06	4.79E-10	1.39E-10	1.50E-06	4.73E-10	1.38E-10	1.45E-06	4.59E-10	1.34E-10
4484	495863.09, 3858377.25	1.38E-06	4.36E-10	1.27E-10	1.36E-06	4.30E-10	1.25E-10	1.32E-06	4.18E-10	1.21E-10
4485	496363.09, 3858377.25	1.25E-06	3.96E-10	1.15E-10	1.24E-06	3.91E-10	1.14E-10	1.20E-06	3.79E-10	1.10E-10
4486	496863.09, 3858377.25	1.23E-06	3.90E-10	1.13E-10	1.22E-06	3.85E-10	1.12E-10	1.18E-06	3.74E-10	1.09E-10
4487	497363.09, 3858377.25	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
4488	497863.09, 3858377.25	1.24E-06	3.92E-10	1.14E-10	1.23E-06	3.87E-10	1.12E-10	1.19E-06	3.75E-10	1.09E-10
4489	498363.09, 3858377.25	1.36E-06	4.30E-10	1.25E-10	1.34E-06	4.24E-10	1.23E-10	1.31E-06	4.12E-10	1.20E-10
4490	471363.09, 3858877.25	7.48E-08	2.36E-11	6.87E-12	7.39E-08	2.33E-11	6.78E-12	7.17E-08	2.26E-11	6.58E-12
4491	471863.09, 3858877.25	7.69E-08	2.43E-11	7.06E-12	7.59E-08	2.40E-11	6.97E-12	7.37E-08	2.33E-11	6.77E-12
4492	472363.09, 3858877.25	8.17E-08	2.58E-11	7.50E-12	8.07E-08	2.55E-11	7.40E-12	7.83E-08	2.47E-11	7.19E-12
4493	472863.09, 3858877.25	8.63E-08	2.72E-11	7.92E-12	8.52E-08	2.69E-11	7.82E-12	8.27E-08	2.61E-11	7.59E-12
4494	473363.09, 3858877.25	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
4495	473863.09, 3858877.25	9.51E-08	3.00E-11	8.73E-12	9.39E-08	2.96E-11	8.62E-12	9.12E-08	2.88E-11	8.37E-12
4496	474363.09, 3858877.25	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
4497	474863.09, 3858877.25	5.90E-08	1.86E-11	5.41E-12	5.82E-08	1.84E-11	5.34E-12	5.65E-08	1.78E-11	5.19E-12
4498	475363.09, 3858877.25	4.81E-08	1.52E-11	4.42E-12	4.75E-08	1.50E-11	4.36E-12	4.61E-08	1.46E-11	4.24E-12
4499	475863.09, 3858877.25	5.40E-08	1.70E-11	4.96E-12	5.33E-08	1.68E-11	4.89E-12	5.18E-08	1.63E-11	4.75E-12
4500	476363.09, 3858877.25	3.79E-08	1.20E-11	3.48E-12	3.74E-08	1.18E-11	3.43E-12	3.63E-08	1.15E-11	3.33E-12
4501	476863.09, 3858877.25	4.57E-08	1.44E-11	4.19E-12	4.51E-08	1.42E-11	4.14E-12	4.38E-08	1.38E-11	4.02E-12
4502	477363.09, 3858877.25	4.80E-08	1.52E-11	4.41E-12	4.74E-08	1.50E-11	4.35E-12	4.60E-08	1.45E-11	4.23E-12
4503	477863.09, 3858877.25	5.82E-08	1.84E-11	5.34E-12	5.74E-08	1.81E-11	5.27E-12	5.58E-08	1.76E-11	5.12E-12
4504	478363.09, 3858877.25	1.00E-07	3.17E-11	9.22E-12	9.92E-08	3.13E-11	9.10E-12	9.63E-08	3.04E-11	8.84E-12
4505	478863.09, 3858877.25	9.14E-08	2.88E-11	8.39E-12	9.02E-08	2.85E-11	8.28E-12	8.76E-08	2.76E-11	8.04E-12
4506	479363.09, 3858877.25	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
4507	479863.09, 3858877.25	2.11E-07	6.66E-11	1.94E-11	2.08E-07	6.58E-11	1.91E-11	2.02E-07	6.38E-11	1.86E-11
4508	480363.09, 3858877.25	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
4509	480863.09, 3858877.25	2.66E-07	8.40E-11	2.44E-11	2.63E-07	8.29E-11	2.41E-11	2.55E-07	8.05E-11	2.34E-11
4510	481363.09, 3858877.25	2.94E-07	9.29E-11	2.70E-11	2.90E-07	9.17E-11	2.67E-11	2.82E-07	8.90E-11	2.59E-11
4511	481863.09, 3858877.25	3.28E-07	1.03E-10	3.01E-11	3.24E-07	1.02E-10	2.97E-11	3.14E-07	9.92E-11	2.88E-11
4512	482363.09, 3858877.25	3.63E-07	1.14E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11
4513	482863.09, 3858877.25	4.12E-07	1.30E-10	3.78E-11	4.07E-07	1.28E-10	3.73E-11	3.95E-07	1.25E-10	3.63E-11
4514	483363.09, 3858877.25	4.90E-07	1.55E-10	4.50E-11	4.84E-07	1.53E-10	4.44E-11	4.70E-07	1.48E-10	4.31E-11
4515	483863.09, 3858877.25	5.55E-07	1.75E-10	5.10E-11	5.48E-07	1.73E-10	5.03E-11	5.32E-07	1.68E-10	4.89E-11
4516	484363.09, 3858877.25	6.43E-07	2.03E-10	5.90E-11	6.34E-07	2.00E-10	5.82E-11	6.16E-07	1.94E-10	5.66E-11
4517	484863.09, 3858877.25	7.57E-07	2.39E-10	6.95E-11	7.47E-07	2.36E-10	6.86E-11	7.26E-07	2.29E-10	6.66E-11
4518	485363.09, 3858877.25	9.12E-07	2.88E-10	8.37E-11	9.00E-07	2.84E-10	8.26E-11	8.74E-07	2.76E-10	8.02E-11
4519	485863.09, 3858877.25	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
4520	486363.09, 3858877.25	1.47E-06	4.63E-10	1.35E-10	1.45E-06	4.57E-10	1.33E-10	1.41E-06	4.44E-10	1.29E-10
4521	486863.09, 3858877.25	1.99E-06	6.27E-10	1.82E-10	1.96E-06	6.19E-10	1.80E-10	1.90E-06	6.01E-10	1.75E-10
4522	487363.09, 3858877.25	2.83E-06	8.94E-10	2.60E-10	2.79E-06	8.82E-10	2.57E-10	2.71E-06	8.57E-10	2.49E-10
4523	487863.09, 3858877.25	4.43E-06	1.40E-09	4.07E-10	4.37E-06	1.38E-09	4.02E-10	4.25E-06	1.34E-09	3.90E-10
4524	488363.09, 3858877.25	7.70E-06	2.43E-09	7.07E-10	7.60E-06	2.40E-09	6.98E-10	7.38E-06	2.33E-09	6.78E-10
4525	488863.09, 3858877.25	1.91E-05	6.03E-09	1.76E-09	1.89E-05	5.95E-09	1.73E-09	1.83E-05	5.78E-09	1.68E-09
4526	489363.09, 3858877.25	7.56E-05	2.39E-08	6.94E-09	7.46E-05	2.35E-08	6.85E-09	7.24E-05	2.29E-08	6.65E-09
4527	489863.09, 3858877.25	2.49E-05	7.87E-09	2.29E-09	2.46E-05	7.77E-09	2.26E-09	2.39E-05	7.54E-09	2.19E-09
4528	490363.09, 3858877.25	1.70E-05	5.36E-09	1.56E-09	1.68E-05	5.29E-09	1.54E-09	1.63E-05	5.14E-09	1.49E-09
4529	490863.09, 3858877.25	1.21E-05	3.83E-09	1.11E-09	1.20E-05	3.78E-09	1.10E-09	1.16E-05	3.67E-09	1.07E-09
4530	491363.09, 3858877.25	7.20E-06	2.27E-09	6.61E-10	7.10E-06	2.24E-09	6.52E-10	6.90E-06	2.18E-09	6.33E-10
4531	491863.09, 3858877.25	4.29E-06	1.35E-09	3.94E-10	4.23E-06	1.34E-09	3.89E-10	4.11E-06	1.30E-09	3.77E-10
4532	492363.09, 3858877.25	4.74E-06	1.50E-09	4.35E-10	4.68E-06	1.48E-09	4.30E-10	4.54E-06	1.43E-09	4.17E-10
4533	492863.09, 3858877.25	5.18E-06	1.63E-09	4.75E-10	5.11E-06	1.61E-09	4.69E-10	4.96E-06	1.57E-09	4.55E-10
4534	493363.09, 3858877.25	4.13E-06	1.31E-09	3.80E-10	4.08E-06	1.29E-09	3.75E-10	3.96E-06	1.25E-09	3.64E-10
4535	493863.09, 3858877.25	2.93E-06	9.26E-10	2.69E-10	2.89E-06	9.13E-10	2.66E-10	2.81E-06	8.87E-10	2.58E-10
4536	494363.09, 3858877.25	2.49E-06	7.85E-10	2.28E-10	2.45E-06	7.75E-10	2.25E-10	2.38E-06	7.52E-10	2.19E-10
4537	494863.09, 3858877.25	2.06E-06	6.49E-10	1.89E-10	2.03E-06	6.41E-10	1.86E-10	1.97E-06	6.22E-10	1.81E-10
4538	495363.09, 3858877.25	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.22E-10	1.52E-10
4539	495863.09, 3858877.25	1.54E-06	4.86E-10	1.41E-10	1.52E-06	4.80E-10	1.40E-10	1.48E-06	4.66E-10	1.36E-10
4540	496363.09, 3858877.25	1.44E-06	4.55E-10	1.32E-10	1.42E-06	4.49E-10	1.31E-10	1.38E-06	4.36E-10	1.27E-10
4541	496863.09, 3858877.25	1.35E-06	4.28E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
4542	497363.09, 3858877.25	1.27E-06	4.02E-10	1.17E-10	1.26E-06	3.97E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
4543	497863.09, 3858877.25	1.38E-06	4.37E-10	1.27E-10	1.37E-06	4.31E-10	1.25E-10	1.33E-06	4.19E-10	1.22E-10
4544	498363.09, 3858877.25	1.48E-06	4.66E-10	1.36E-10	1.46E-06	4.60E-10	1.34E-10	1.42E-06	4.47E-10	1.30E-10
4545	471363.09, 3859377.25	7.81E-08	2.46E-11	7.17E-12	7.71E-08	2.43E-11	7.07E-12	7.48E-08	2.36E-11	6.87E-12
4546	471863.09, 3859377.25	8.17E-08	2.58E-11	7.50E-12	8.07E-08	2.55E-11	7.40E-12	7.83E-08	2.47E-11	7.19E-12
4547	472363.09, 3859377.25	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
4548	472863.09, 3859377.25	9.21E-08	2.91E-11	8.46E-12	9.09E-08	2.87E-11	8.35E-12	8.83E-08	2.79E-11	8.11E-12
4549	473363.09, 3859377.25	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
4550	473863.09, 3859377.25	1.03E-07	3.24E-11	9.41E-12	1.01E-07	3.19E-11	9.29E-12	9.83E-08	3.10E-11	9.02E-12

4551	474363.09, 3859377.25	9.76E-08	3.08E-11	8.96E-12	9.63E-08	3.04E-11	8.84E-12	9.35E-08	2.95E-11	8.59E-12
4552	474863.09, 3859377.25	8.20E-08	2.59E-11	7.53E-12	8.09E-08	2.55E-11	7.43E-12	7.86E-08	2.48E-11	7.21E-12
4553	475363.09, 3859377.25	6.23E-08	1.97E-11	5.72E-12	6.15E-08	1.94E-11	5.65E-12	5.97E-08	1.89E-11	5.48E-12
4554	475863.09, 3859377.25	4.42E-08	1.40E-11	4.06E-12	4.37E-08	1.38E-11	4.01E-12	4.24E-08	1.34E-11	3.89E-12
4555	476363.09, 3859377.25	4.03E-08	1.27E-11	3.70E-12	3.98E-08	1.26E-11	3.66E-12	3.87E-08	1.22E-11	3.55E-12
4556	476863.09, 3859377.25	3.40E-08	1.07E-11	3.12E-12	3.35E-08	1.06E-11	3.08E-12	3.26E-08	1.03E-11	2.99E-12
4557	477363.09, 3859377.25	3.70E-08	1.17E-11	3.39E-12	3.65E-08	1.15E-11	3.35E-12	3.54E-08	1.12E-11	3.25E-12
4558	477863.09, 3859377.25	6.34E-08	2.00E-11	5.82E-12	6.25E-08	1.97E-11	5.74E-12	6.07E-08	1.92E-11	5.58E-12
4559	478363.09, 3859377.25	9.40E-08	2.97E-11	8.63E-12	9.27E-08	2.93E-11	8.51E-12	9.00E-08	2.84E-11	8.27E-12
4560	478863.09, 3859377.25	1.36E-07	4.29E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.30E-07	4.11E-11	1.20E-11
4561	479363.09, 3859377.25	1.77E-07	5.58E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.69E-07	5.35E-11	1.56E-11
4562	479863.09, 3859377.25	2.14E-07	6.77E-11	1.97E-11	2.12E-07	6.68E-11	1.94E-11	2.06E-07	6.49E-11	1.89E-11
4563	480363.09, 3859377.25	2.50E-07	7.90E-11	2.30E-11	2.47E-07	7.80E-11	2.27E-11	2.40E-07	7.57E-11	2.20E-11
4564	480863.09, 3859377.25	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.70E-11	2.53E-11	2.68E-07	8.44E-11	2.46E-11
4565	481363.09, 3859377.25	3.08E-07	9.72E-11	2.83E-11	3.04E-07	9.59E-11	2.79E-11	2.95E-07	9.31E-11	2.71E-11
4566	481863.09, 3859377.25	3.39E-07	1.07E-10	3.11E-11	3.35E-07	1.06E-10	3.07E-11	3.25E-07	1.03E-10	2.98E-11
4567	482363.09, 3859377.25	3.73E-07	1.18E-10	3.43E-11	3.68E-07	1.16E-10	3.38E-11	3.58E-07	1.13E-10	3.28E-11
4568	482863.09, 3859377.25	4.19E-07	1.32E-10	3.85E-11	4.14E-07	1.31E-10	3.80E-11	4.02E-07	1.27E-10	3.69E-11
4569	483363.09, 3859377.25	4.83E-07	1.53E-10	4.44E-11	4.77E-07	1.51E-10	4.38E-11	4.63E-07	1.46E-10	4.25E-11
4570	483863.09, 3859377.25	5.46E-07	1.72E-10	5.02E-11	5.39E-07	1.70E-10	4.95E-11	5.24E-07	1.65E-10	4.81E-11
4571	484363.09, 3859377.25	6.33E-07	2.00E-10	5.81E-11	6.24E-07	1.97E-10	5.73E-11	6.06E-07	1.91E-10	5.57E-11
4572	484863.09, 3859377.25	7.45E-07	2.35E-10	6.84E-11	7.35E-07	2.32E-10	6.75E-11	7.14E-07	2.25E-10	6.56E-11
4573	485363.09, 3859377.25	8.92E-07	2.81E-10	8.19E-11	8.80E-07	2.78E-10	8.08E-11	8.55E-07	2.70E-10	7.85E-11
4574	485863.09, 3859377.25	1.10E-06	3.46E-10	1.01E-10	1.08E-06	3.42E-10	9.94E-11	1.05E-06	3.32E-10	9.65E-11
4575	486363.09, 3859377.25	1.35E-06	4.27E-10	1.24E-10	1.33E-06	4.21E-10	1.23E-10	1.30E-06	4.09E-10	1.19E-10
4576	486863.09, 3859377.25	1.74E-06	5.50E-10	1.60E-10	1.72E-06	5.43E-10	1.58E-10	1.67E-06	5.27E-10	1.53E-10
4577	487363.09, 3859377.25	2.37E-06	7.48E-10	2.18E-10	2.34E-06	7.38E-10	2.15E-10	2.27E-06	7.17E-10	2.09E-10
4578	487863.09, 3859377.25	3.31E-06	1.05E-09	3.04E-10	3.27E-06	1.03E-09	3.00E-10	3.18E-06	1.00E-09	2.92E-10
4579	488363.09, 3859377.25	4.75E-06	1.50E-09	4.36E-10	4.68E-06	1.48E-09	4.30E-10	4.55E-06	1.44E-09	4.18E-10
4580	488863.09, 3859377.25	9.29E-06	2.93E-09	8.53E-10	9.17E-06	2.89E-09	8.42E-10	8.90E-06	2.81E-09	8.17E-10
4581	489363.09, 3859377.25	4.21E-05	1.33E-08	3.86E-09	4.15E-05	1.31E-08	3.81E-09	4.03E-05	1.27E-08	3.70E-09
4582	489863.09, 3859377.25	1.51E-05	4.75E-09	1.38E-09	1.49E-05	4.69E-09	1.36E-09	1.44E-05	4.56E-09	1.33E-09
4583	490363.09, 3859377.25	1.01E-05	3.20E-09	9.31E-10	1.00E-05	3.16E-09	9.19E-10	9.72E-06	3.07E-09	8.93E-10
4584	490863.09, 3859377.25	7.30E-06	2.30E-09	6.70E-10	7.21E-06	2.27E-09	6.62E-10	7.00E-06	2.21E-09	6.43E-10
4585	491363.09, 3859377.25	4.20E-06	1.33E-09	3.86E-10	4.15E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
4586	491863.09, 3859377.25	4.98E-06	1.57E-09	4.57E-10	4.91E-06	1.55E-09	4.51E-10	4.77E-06	1.51E-09	4.38E-10
4587	492363.09, 3859377.25	4.49E-06	1.42E-09	4.12E-10	4.43E-06	1.40E-09	4.07E-10	4.31E-06	1.36E-09	3.95E-10
4588	492863.09, 3859377.25	4.14E-06	1.31E-09	3.80E-10	4.09E-06	1.29E-09	3.76E-10	3.97E-06	1.25E-09	3.65E-10
4589	493363.09, 3859377.25	3.49E-06	1.10E-09	3.20E-10	3.44E-06	1.09E-09	3.16E-10	3.34E-06	1.05E-09	3.07E-10
4590	493863.09, 3859377.25	3.18E-06	1.00E-09	2.92E-10	3.14E-06	9.90E-10	2.88E-10	3.05E-06	9.61E-10	2.80E-10
4591	494363.09, 3859377.25	2.76E-06	8.72E-10	2.54E-10	2.73E-06	8.61E-10	2.50E-10	2.65E-06	8.36E-10	2.43E-10
4592	494863.09, 3859377.25	2.19E-06	6.92E-10	2.01E-10	2.16E-06	6.83E-10	1.99E-10	2.10E-06	6.63E-10	1.93E-10
4593	495363.09, 3859377.25	2.00E-06	6.31E-10	1.83E-10	1.97E-06	6.23E-10	1.81E-10	1.92E-06	6.05E-10	1.76E-10
4594	495863.09, 3859377.25	1.76E-06	5.55E-10	1.61E-10	1.74E-06	5.48E-10	1.59E-10	1.69E-06	5.32E-10	1.55E-10
4595	496363.09, 3859377.25	1.68E-06	5.31E-10	1.54E-10	1.66E-06	5.24E-10	1.52E-10	1.61E-06	5.09E-10	1.48E-10
4596	496863.09, 3859377.25	1.43E-06	4.52E-10	1.32E-10	1.41E-06	4.46E-10	1.30E-10	1.37E-06	4.34E-10	1.26E-10
4597	497363.09, 3859377.25	1.44E-06	4.54E-10	1.32E-10	1.42E-06	4.48E-10	1.30E-10	1.38E-06	4.35E-10	1.27E-10
4598	497863.09, 3859377.25	1.51E-06	4.77E-10	1.39E-10	1.49E-06	4.71E-10	1.37E-10	1.45E-06	4.57E-10	1.33E-10
4599	498363.09, 3859377.25	1.51E-06	4.76E-10	1.38E-10	1.49E-06	4.69E-10	1.37E-10	1.44E-06	4.56E-10	1.33E-10
4600	471363.09, 3859877.25	8.51E-08	2.69E-11	7.81E-12	8.40E-08	2.65E-11	7.71E-12	8.16E-08	2.57E-11	7.49E-12
4601	471863.09, 3859877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
4602	472363.09, 3859877.25	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
4603	472863.09, 3859877.25	9.97E-08	3.15E-11	9.15E-12	9.84E-08	3.11E-11	9.03E-12	9.55E-08	3.02E-11	8.77E-12
4604	473363.09, 3859877.25	1.06E-07	3.33E-11	9.69E-12	1.04E-07	3.29E-11	9.56E-12	1.01E-07	3.19E-11	9.29E-12
4605	473863.09, 3859877.25	1.11E-07	3.50E-11	1.02E-11	1.10E-07	3.46E-11	1.01E-11	1.06E-07	3.36E-11	9.77E-12
4606	474363.09, 3859877.25	1.08E-07	3.41E-11	9.92E-12	1.07E-07	3.36E-11	9.79E-12	1.04E-07	3.27E-11	9.50E-12
4607	474863.09, 3859877.25	9.88E-08	3.12E-11	9.07E-12	9.75E-08	3.08E-11	8.95E-12	9.47E-08	2.99E-11	8.69E-12
4608	475363.09, 3859877.25	7.11E-08	2.24E-11	6.52E-12	7.01E-08	2.21E-11	6.44E-12	6.81E-08	2.15E-11	6.25E-12
4609	475863.09, 3859877.25	4.16E-08	1.31E-11	3.82E-12	4.11E-08	1.30E-11	3.77E-12	3.99E-08	1.26E-11	3.66E-12
4610	476363.09, 3859877.25	2.75E-08	8.67E-12	2.52E-12	2.71E-08	8.55E-12	2.49E-12	2.63E-08	8.31E-12	2.42E-12
4611	476863.09, 3859877.25	3.14E-08	9.90E-12	2.88E-12	3.10E-08	9.77E-12	2.84E-12	3.01E-08	9.49E-12	2.76E-12
4612	477363.09, 3859877.25	3.37E-08	1.06E-11	3.09E-12	3.33E-08	1.05E-11	3.05E-12	3.23E-08	1.02E-11	2.97E-12
4613	477863.09, 3859877.25	5.66E-08	1.79E-11	5.20E-12	5.59E-08	1.76E-11	5.13E-12	5.43E-08	1.71E-11	4.98E-12
4614	478363.09, 3859877.25	9.17E-08	2.90E-11	8.42E-12	9.05E-08	2.86E-11	8.31E-12	8.79E-08	2.78E-11	8.07E-12
4615	478863.09, 3859877.25	1.34E-07	4.21E-11	1.23E-11	1.32E-07	4.16E-11	1.21E-11	1.28E-07	4.04E-11	1.17E-11
4616	479363.09, 3859877.25	1.80E-07	5.67E-11	1.65E-11	1.77E-07	5.59E-11	1.63E-11	1.72E-07	5.43E-11	1.58E-11
4617	479863.09, 3859877.25	2.15E-07	6.77E-11	1.97E-11	2.12E-07	6.68E-11	1.94E-11	2.06E-07	6.49E-11	1.89E-11
4618	480363.09, 3859877.25	2.45E-07	7.74E-11	2.25E-11	2.42E-07	7.64E-11	2.22E-11	2.35E-07	7.42E-11	2.16E-11
4619	480863.09, 3859877.25	2.71E-07	8.54E-11	2.48E-11	2.67E-07	8.43E-11	2.45E-11	2.59E-07	8.19E-11	2.38E-11

4620	481363.09, 3859877.25	2.98E-07	9.41E-11	2.74E-11	2.94E-07	9.29E-11	2.70E-11	2.86E-07	9.02E-11	2.62E-11
4621	481863.09, 3859877.25	3.28E-07	1.04E-10	3.01E-11	3.24E-07	1.02E-10	2.97E-11	3.14E-07	9.92E-11	2.89E-11
4622	482363.09, 3859877.25	3.66E-07	1.16E-10	3.36E-11	3.61E-07	1.14E-10	3.32E-11	3.51E-07	1.11E-10	3.22E-11
4623	482863.09, 3859877.25	4.14E-07	1.31E-10	3.80E-11	4.09E-07	1.29E-10	3.75E-11	3.97E-07	1.25E-10	3.64E-11
4624	483363.09, 3859877.25	4.73E-07	1.49E-10	4.35E-11	4.67E-07	1.47E-10	4.29E-11	4.54E-07	1.43E-10	4.16E-11
4625	483863.09, 3859877.25	5.43E-07	1.71E-10	4.98E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.77E-11
4626	484363.09, 3859877.25	6.27E-07	1.98E-10	5.75E-11	6.19E-07	1.95E-10	5.68E-11	6.01E-07	1.90E-10	5.52E-11
4627	484863.09, 3859877.25	7.44E-07	2.35E-10	6.83E-11	7.34E-07	2.32E-10	6.74E-11	7.13E-07	2.25E-10	6.55E-11
4628	485363.09, 3859877.25	8.70E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.88E-11	8.34E-07	2.63E-10	7.66E-11
4629	485863.09, 3859877.25	1.03E-06	3.25E-10	9.46E-11	1.02E-06	3.21E-10	9.34E-11	9.88E-07	3.12E-10	9.07E-11
4630	486363.09, 3859877.25	1.25E-06	3.94E-10	1.15E-10	1.23E-06	3.89E-10	1.13E-10	1.20E-06	3.77E-10	1.10E-10
4631	486863.09, 3859877.25	1.55E-06	4.88E-10	1.42E-10	1.53E-06	4.81E-10	1.40E-10	1.48E-06	4.68E-10	1.36E-10
4632	487363.09, 3859877.25	1.85E-06	5.85E-10	1.70E-10	1.83E-06	5.78E-10	1.68E-10	1.78E-06	5.61E-10	1.63E-10
4633	487863.09, 3859877.25	2.37E-06	7.47E-10	2.17E-10	2.34E-06	7.37E-10	2.14E-10	2.27E-06	7.16E-10	2.08E-10
4634	488363.09, 3859877.25	3.05E-06	9.63E-10	2.80E-10	3.01E-06	9.51E-10	2.77E-10	2.93E-06	9.23E-10	2.69E-10
4635	488863.09, 3859877.25	4.39E-06	1.39E-09	4.03E-10	4.34E-06	1.37E-09	3.98E-10	4.21E-06	1.33E-09	3.86E-10
4636	489363.09, 3859877.25	7.86E-06	2.48E-09	7.22E-10	7.76E-06	2.45E-09	7.12E-10	7.53E-06	2.38E-09	6.92E-10
4637	489863.09, 3859877.25	5.44E-06	1.72E-09	4.99E-10	5.37E-06	1.69E-09	4.93E-10	5.21E-06	1.64E-09	4.78E-10
4638	490363.09, 3859877.25	4.82E-06	1.52E-09	4.42E-10	4.76E-06	1.50E-09	4.37E-10	4.62E-06	1.46E-09	4.24E-10
4639	490863.09, 3859877.25	4.95E-06	1.56E-09	4.54E-10	4.88E-06	1.54E-09	4.48E-10	4.74E-06	1.50E-09	4.35E-10
4640	491363.09, 3859877.25	4.53E-06	1.43E-09	4.16E-10	4.47E-06	1.41E-09	4.11E-10	4.34E-06	1.37E-09	3.99E-10
4641	491863.09, 3859877.25	3.85E-06	1.22E-09	3.54E-10	3.80E-06	1.20E-09	3.49E-10	3.69E-06	1.17E-09	3.39E-10
4642	492363.09, 3859877.25	3.46E-06	1.09E-09	3.18E-10	3.42E-06	1.08E-09	3.14E-10	3.32E-06	1.05E-09	3.05E-10
4643	492863.09, 3859877.25	3.13E-06	9.89E-10	2.88E-10	3.09E-06	9.76E-10	2.84E-10	3.00E-06	9.48E-10	2.76E-10
4644	493363.09, 3859877.25	2.88E-06	9.08E-10	2.64E-10	2.84E-06	8.97E-10	2.61E-10	2.76E-06	8.71E-10	2.53E-10
4645	493863.09, 3859877.25	2.65E-06	8.36E-10	2.43E-10	2.61E-06	8.25E-10	2.40E-10	2.54E-06	8.01E-10	2.33E-10
4646	494363.09, 3859877.25	2.39E-06	7.56E-10	2.20E-10	2.36E-06	7.46E-10	2.17E-10	2.30E-06	7.24E-10	2.11E-10
4647	494863.09, 3859877.25	2.23E-06	7.02E-10	2.04E-10	2.20E-06	6.93E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10
4648	495363.09, 3859877.25	2.03E-06	6.41E-10	1.86E-10	2.00E-06	6.32E-10	1.84E-10	1.95E-06	6.14E-10	1.79E-10
4649	495863.09, 3859877.25	1.84E-06	5.79E-10	1.68E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.61E-10
4650	496363.09, 3859877.25	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.78E-10	1.39E-10
4651	496863.09, 3859877.25	1.12E-06	3.54E-10	1.03E-10	1.11E-06	3.49E-10	1.02E-10	1.07E-06	3.39E-10	9.87E-11
4652	497363.09, 3859877.25	1.34E-06	4.24E-10	1.23E-10	1.32E-06	4.18E-10	1.22E-10	1.29E-06	4.06E-10	1.18E-10
4653	497863.09, 3859877.25	1.46E-06	4.60E-10	1.34E-10	1.44E-06	4.54E-10	1.32E-10	1.40E-06	4.41E-10	1.28E-10
4654	498363.09, 3859877.25	1.41E-06	4.46E-10	1.30E-10	1.40E-06	4.41E-10	1.28E-10	1.36E-06	4.28E-10	1.24E-10
4655	471363.09, 3860377.25	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
4656	471863.09, 3860377.25	9.41E-08	2.97E-11	8.64E-12	9.29E-08	2.93E-11	8.52E-12	9.02E-08	2.85E-11	8.28E-12
4657	472363.09, 3860377.25	9.86E-08	3.11E-11	9.06E-12	9.74E-08	3.07E-11	8.94E-12	9.45E-08	2.98E-11	8.68E-12
4658	472863.09, 3860377.25	1.04E-07	3.27E-11	9.52E-12	1.02E-07	3.23E-11	9.40E-12	9.94E-08	3.14E-11	9.13E-12
4659	473363.09, 3860377.25	1.09E-07	3.43E-11	9.98E-12	1.07E-07	3.38E-11	9.85E-12	1.04E-07	3.29E-11	9.56E-12
4660	473863.09, 3860377.25	1.13E-07	3.57E-11	1.04E-11	1.11E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.94E-12
4661	474363.09, 3860377.25	1.15E-07	3.62E-11	1.05E-11	1.13E-07	3.57E-11	1.04E-11	1.10E-07	3.47E-11	1.01E-11
4662	474863.09, 3860377.25	1.13E-07	3.57E-11	1.04E-11	1.11E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.94E-12
4663	475363.09, 3860377.25	1.04E-07	3.27E-11	9.52E-12	1.02E-07	3.23E-11	9.40E-12	9.94E-08	3.14E-11	9.13E-12
4664	475863.09, 3860377.25	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
4665	476363.09, 3860377.25	7.57E-08	2.39E-11	6.95E-12	7.48E-08	2.36E-11	6.86E-12	7.26E-08	2.29E-11	6.66E-12
4666	476863.09, 3860377.25	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
4667	477363.09, 3860377.25	4.65E-08	1.47E-11	4.27E-12	4.59E-08	1.45E-11	4.21E-12	4.45E-08	1.41E-11	4.09E-12
4668	477863.09, 3860377.25	5.74E-08	1.81E-11	5.27E-12	5.66E-08	1.79E-11	5.20E-12	5.50E-08	1.74E-11	5.05E-12
4669	478363.09, 3860377.25	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
4670	478863.09, 3860377.25	1.31E-07	4.14E-11	1.20E-11	1.29E-07	4.08E-11	1.19E-11	1.26E-07	3.96E-11	1.15E-11
4671	479363.09, 3860377.25	1.73E-07	5.46E-11	1.59E-11	1.71E-07	5.39E-11	1.57E-11	1.66E-07	5.23E-11	1.52E-11
4672	479863.09, 3860377.25	2.11E-07	6.67E-11	1.94E-11	2.08E-07	6.58E-11	1.91E-11	2.02E-07	6.39E-11	1.86E-11
4673	480363.09, 3860377.25	2.41E-07	7.62E-11	2.22E-11	2.38E-07	7.52E-11	2.19E-11	2.31E-07	7.30E-11	2.12E-11
4674	480863.09, 3860377.25	2.69E-07	8.50E-11	2.47E-11	2.66E-07	8.39E-11	2.44E-11	2.58E-07	8.15E-11	2.37E-11
4675	481363.09, 3860377.25	2.99E-07	9.43E-11	2.74E-11	2.95E-07	9.31E-11	2.71E-11	2.86E-07	9.04E-11	2.63E-11
4676	481863.09, 3860377.25	3.34E-07	1.05E-10	3.07E-11	3.30E-07	1.04E-10	3.03E-11	3.20E-07	1.01E-10	2.94E-11
4677	482363.09, 3860377.25	3.73E-07	1.18E-10	3.43E-11	3.68E-07	1.16E-10	3.38E-11	3.58E-07	1.13E-10	3.28E-11
4678	482863.09, 3860377.25	4.20E-07	1.32E-10	3.85E-11	4.14E-07	1.31E-10	3.80E-11	4.02E-07	1.27E-10	3.69E-11
4679	483363.09, 3860377.25	4.84E-07	1.53E-10	4.45E-11	4.78E-07	1.51E-10	4.39E-11	4.64E-07	1.47E-10	4.26E-11
4680	483863.09, 3860377.25	5.60E-07	1.77E-10	5.14E-11	5.52E-07	1.74E-10	5.07E-11	5.36E-07	1.69E-10	4.92E-11
4681	484363.09, 3860377.25	6.22E-07	1.96E-10	5.71E-11	6.14E-07	1.94E-10	5.64E-11	5.96E-07	1.88E-10	5.47E-11
4682	484863.09, 3860377.25	7.02E-07	2.22E-10	6.44E-11	6.93E-07	2.19E-10	6.36E-11	6.73E-07	2.12E-10	6.18E-11
4683	485363.09, 3860377.25	8.13E-07	2.56E-10	7.46E-11	8.02E-07	2.53E-10	7.36E-11	7.79E-07	2.46E-10	7.15E-11
4684	485863.09, 3860377.25	9.40E-07	2.97E-10	8.63E-11	9.28E-07	2.93E-10	8.52E-11	9.01E-07	2.84E-10	8.27E-11
4685	486363.09, 3860377.25	1.06E-06	3.36E-10	9.77E-11	1.05E-06	3.31E-10	9.64E-11	1.02E-06	3.22E-10	9.36E-11
4686	486863.09, 3860377.25	1.22E-06	3.85E-10	1.12E-10	1.20E-06	3.80E-10	1.10E-10	1.17E-06	3.69E-10	1.07E-10
4687	487363.09, 3860377.25	1.41E-06	4.44E-10	1.29E-10	1.39E-06	4.38E-10	1.28E-10	1.35E-06	4.26E-10	1.24E-10
4688	487863.09, 3860377.25	1.72E-06	5.44E-10	1.58E-10	1.70E-06	5.37E-10	1.56E-10	1.65E-06	5.21E-10	1.52E-10

4689	488363.09, 3860377.25	2.13E-06	6.73E-10	1.96E-10	2.10E-06	6.64E-10	1.93E-10	2.04E-06	6.45E-10	1.88E-10
4690	488863.09, 3860377.25	2.79E-06	8.81E-10	2.56E-10	2.76E-06	8.70E-10	2.53E-10	2.68E-06	8.45E-10	2.46E-10
4691	489363.09, 3860377.25	5.91E-06	1.86E-09	5.42E-10	5.83E-06	1.84E-09	5.35E-10	5.66E-06	1.79E-09	5.20E-10
4692	489863.09, 3860377.25	3.37E-06	1.06E-09	3.10E-10	3.33E-06	1.05E-09	3.06E-10	3.23E-06	1.02E-09	2.97E-10
4693	490363.09, 3860377.25	2.90E-06	9.15E-10	2.66E-10	2.86E-06	9.03E-10	2.63E-10	2.78E-06	8.77E-10	2.55E-10
4694	490863.09, 3860377.25	2.67E-06	8.41E-10	2.45E-10	2.63E-06	8.30E-10	2.42E-10	2.55E-06	8.06E-10	2.35E-10
4695	491363.09, 3860377.25	2.45E-06	7.72E-10	2.25E-10	2.42E-06	7.62E-10	2.22E-10	2.35E-06	7.40E-10	2.15E-10
4696	491863.09, 3860377.25	2.38E-06	7.50E-10	2.18E-10	2.34E-06	7.40E-10	2.15E-10	2.28E-06	7.18E-10	2.09E-10
4697	492363.09, 3860377.25	2.36E-06	7.45E-10	2.17E-10	2.33E-06	7.35E-10	2.14E-10	2.26E-06	7.14E-10	2.08E-10
4698	492863.09, 3860377.25	2.23E-06	7.03E-10	2.04E-10	2.20E-06	6.94E-10	2.02E-10	2.13E-06	6.73E-10	1.96E-10
4699	493363.09, 3860377.25	2.13E-06	6.72E-10	1.95E-10	2.10E-06	6.63E-10	1.93E-10	2.04E-06	6.44E-10	1.87E-10
4700	493863.09, 3860377.25	2.01E-06	6.35E-10	1.85E-10	1.99E-06	6.27E-10	1.82E-10	1.93E-06	6.08E-10	1.77E-10
4701	494363.09, 3860377.25	1.92E-06	6.07E-10	1.77E-10	1.90E-06	5.99E-10	1.74E-10	1.84E-06	5.82E-10	1.69E-10
4702	494863.09, 3860377.25	1.81E-06	5.72E-10	1.67E-10	1.79E-06	5.65E-10	1.64E-10	1.74E-06	5.49E-10	1.60E-10
4703	495363.09, 3860377.25	1.72E-06	5.42E-10	1.58E-10	1.70E-06	5.35E-10	1.56E-10	1.65E-06	5.20E-10	1.51E-10
4704	495863.09, 3860377.25	1.58E-06	5.00E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.79E-10	1.39E-10
4705	496363.09, 3860377.25	1.41E-06	4.46E-10	1.30E-10	1.39E-06	4.40E-10	1.28E-10	1.35E-06	4.28E-10	1.24E-10
4706	496863.09, 3860377.25	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.93E-10	1.14E-10	1.21E-06	3.81E-10	1.11E-10
4707	497363.09, 3860377.25	1.09E-06	3.43E-10	9.97E-11	1.07E-06	3.38E-10	9.84E-11	1.04E-06	3.28E-10	9.55E-11
4708	497863.09, 3860377.25	1.21E-06	3.83E-10	1.12E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
4709	498363.09, 3860377.25	1.23E-06	3.89E-10	1.13E-10	1.22E-06	3.84E-10	1.12E-10	1.18E-06	3.73E-10	1.08E-10
4710	471363.09, 3860877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
4711	471863.09, 3860877.25	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12
4712	472363.09, 3860877.25	9.66E-08	3.05E-11	8.86E-12	9.53E-08	3.01E-11	8.75E-12	9.25E-08	2.92E-11	8.50E-12
4713	472863.09, 3860877.25	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
4714	473363.09, 3860877.25	1.05E-07	3.30E-11	9.61E-12	1.03E-07	3.26E-11	9.48E-12	1.00E-07	3.16E-11	9.21E-12
4715	473863.09, 3860877.25	1.09E-07	3.43E-11	9.96E-12	1.07E-07	3.38E-11	9.83E-12	1.04E-07	3.28E-11	9.55E-12
4716	474363.09, 3860877.25	1.12E-07	3.53E-11	1.03E-11	1.10E-07	3.48E-11	1.01E-11	1.07E-07	3.38E-11	9.84E-12
4717	474863.09, 3860877.25	1.16E-07	3.66E-11	1.06E-11	1.14E-07	3.61E-11	1.05E-11	1.11E-07	3.51E-11	1.02E-11
4718	475363.09, 3860877.25	1.16E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.52E-11	1.02E-11
4719	475863.09, 3860877.25	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.53E-11	1.03E-11	1.09E-07	3.42E-11	9.96E-12
4720	476363.09, 3860877.25	1.06E-07	3.35E-11	9.74E-12	1.05E-07	3.30E-11	9.61E-12	1.02E-07	3.21E-11	9.33E-12
4721	476863.09, 3860877.25	1.05E-07	3.31E-11	9.63E-12	1.04E-07	3.27E-11	9.50E-12	1.01E-07	3.17E-11	9.23E-12
4722	477363.09, 3860877.25	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.41E-11	9.90E-12	1.05E-07	3.31E-11	9.62E-12
4723	477863.09, 3860877.25	9.97E-08	3.15E-11	9.15E-12	9.84E-08	3.11E-11	9.03E-12	9.55E-08	3.02E-11	8.77E-12
4724	478363.09, 3860877.25	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
4725	478863.09, 3860877.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.94E-11	1.15E-11	1.21E-07	3.83E-11	1.11E-11
4726	479363.09, 3860877.25	1.74E-07	5.49E-11	1.60E-11	1.72E-07	5.42E-11	1.58E-11	1.67E-07	5.26E-11	1.53E-11
4727	479863.09, 3860877.25	2.15E-07	6.77E-11	1.97E-11	2.12E-07	6.68E-11	1.94E-11	2.06E-07	6.49E-11	1.89E-11
4728	480363.09, 3860877.25	2.48E-07	7.83E-11	2.28E-11	2.45E-07	7.73E-11	2.25E-11	2.38E-07	7.50E-11	2.18E-11
4729	480863.09, 3860877.25	2.77E-07	8.73E-11	2.54E-11	2.73E-07	8.62E-11	2.51E-11	2.65E-07	8.37E-11	2.43E-11
4730	481363.09, 3860877.25	3.07E-07	9.70E-11	2.82E-11	3.03E-07	9.57E-11	2.79E-11	2.95E-07	9.30E-11	2.70E-11
4731	481863.09, 3860877.25	3.41E-07	1.08E-10	3.13E-11	3.36E-07	1.06E-10	3.09E-11	3.27E-07	1.03E-10	3.00E-11
4732	482363.09, 3860877.25	3.83E-07	1.21E-10	3.52E-11	3.78E-07	1.19E-10	3.47E-11	3.67E-07	1.16E-10	3.37E-11
4733	482863.09, 3860877.25	4.30E-07	1.36E-10	3.95E-11	4.25E-07	1.34E-10	3.90E-11	4.13E-07	1.30E-10	3.79E-11
4734	483363.09, 3860877.25	4.77E-07	1.50E-10	4.37E-11	4.70E-07	1.48E-10	4.32E-11	4.57E-07	1.44E-10	4.19E-11
4735	483863.09, 3860877.25	5.28E-07	1.67E-10	4.85E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.65E-11
4736	484363.09, 3860877.25	5.96E-07	1.88E-10	5.47E-11	5.88E-07	1.86E-10	5.40E-11	5.71E-07	1.80E-10	5.25E-11
4737	484863.09, 3860877.25	6.60E-07	2.08E-10	6.06E-11	6.51E-07	2.05E-10	5.98E-11	6.32E-07	2.00E-10	5.80E-11
4738	485363.09, 3860877.25	7.19E-07	2.27E-10	6.60E-11	7.10E-07	2.24E-10	6.52E-11	6.89E-07	2.18E-10	6.33E-11
4739	485863.09, 3860877.25	7.91E-07	2.50E-10	7.26E-11	7.80E-07	2.46E-10	7.16E-11	7.58E-07	2.39E-10	6.96E-11
4740	486363.09, 3860877.25	8.72E-07	2.75E-10	8.00E-11	8.60E-07	2.72E-10	7.90E-11	8.36E-07	2.64E-10	7.67E-11
4741	486863.09, 3860877.25	9.87E-07	3.12E-10	9.06E-11	9.74E-07	3.08E-10	8.94E-11	9.46E-07	2.99E-10	8.69E-11
4742	487363.09, 3860877.25	1.15E-06	3.64E-10	1.06E-10	1.14E-06	3.59E-10	1.05E-10	1.11E-06	3.49E-10	1.02E-10
4743	487863.09, 3860877.25	1.36E-06	4.28E-10	1.25E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
4744	488363.09, 3860877.25	1.65E-06	5.20E-10	1.51E-10	1.63E-06	5.13E-10	1.49E-10	1.58E-06	4.99E-10	1.45E-10
4745	488863.09, 3860877.25	2.17E-06	6.85E-10	1.99E-10	2.14E-06	6.76E-10	1.97E-10	2.08E-06	6.57E-10	1.91E-10
4746	489363.09, 3860877.25	4.95E-06	1.56E-09	4.54E-10	4.88E-06	1.54E-09	4.48E-10	4.74E-06	1.50E-09	4.35E-10
4747	489863.09, 3860877.25	2.61E-06	8.24E-10	2.40E-10	2.58E-06	8.13E-10	2.36E-10	2.50E-06	7.89E-10	2.30E-10
4748	490363.09, 3860877.25	2.16E-06	6.81E-10	1.98E-10	2.13E-06	6.72E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
4749	490863.09, 3860877.25	1.95E-06	6.17E-10	1.79E-10	1.93E-06	6.09E-10	1.77E-10	1.87E-06	5.91E-10	1.72E-10
4750	491363.09, 3860877.25	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.73E-06	5.45E-10	1.58E-10
4751	491863.09, 3860877.25	1.69E-06	5.32E-10	1.55E-10	1.66E-06	5.25E-10	1.53E-10	1.62E-06	5.10E-10	1.48E-10
4752	492363.09, 3860877.25	1.58E-06	4.98E-10	1.45E-10	1.56E-06	4.92E-10	1.43E-10	1.51E-06	4.77E-10	1.39E-10
4753	492863.09, 3860877.25	1.57E-06	4.94E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
4754	493363.09, 3860877.25	1.57E-06	4.95E-10	1.44E-10	1.55E-06	4.88E-10	1.42E-10	1.50E-06	4.74E-10	1.38E-10
4755	493863.09, 3860877.25	1.50E-06	4.74E-10	1.38E-10	1.48E-06	4.68E-10	1.36E-10	1.44E-06	4.54E-10	1.32E-10
4756	494363.09, 3860877.25	1.45E-06	4.56E-10	1.33E-10	1.43E-06	4.50E-10	1.31E-10	1.39E-06	4.37E-10	1.27E-10
4757	494863.09, 3860877.25	1.40E-06	4.43E-10	1.29E-10	1.38E-06	4.37E-10	1.27E-10	1.34E-06	4.24E-10	1.23E-10

4758	495363.09, 3860877.25	1.36E-06	4.28E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
4759	495863.09, 3860877.25	1.30E-06	4.09E-10	1.19E-10	1.28E-06	4.04E-10	1.17E-10	1.24E-06	3.92E-10	1.14E-10
4760	496363.09, 3860877.25	1.25E-06	3.96E-10	1.15E-10	1.24E-06	3.91E-10	1.14E-10	1.20E-06	3.79E-10	1.10E-10
4761	496863.09, 3860877.25	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
4762	497363.09, 3860877.25	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.40E-10	9.90E-11
4763	497863.09, 3860877.25	1.07E-06	3.37E-10	9.80E-11	1.05E-06	3.33E-10	9.68E-11	1.02E-06	3.23E-10	9.40E-11
4764	498363.09, 3860877.25	1.05E-06	3.32E-10	9.64E-11	1.04E-06	3.27E-10	9.52E-11	1.01E-06	3.18E-10	9.24E-11
4765	471363.09, 3861377.25	8.59E-08	2.71E-11	7.88E-12	8.48E-08	2.68E-11	7.78E-12	8.23E-08	2.60E-11	7.56E-12
4766	471863.09, 3861377.25	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
4767	472363.09, 3861377.25	9.27E-08	2.92E-11	8.51E-12	9.14E-08	2.89E-11	8.40E-12	8.88E-08	2.80E-11	8.15E-12
4768	472863.09, 3861377.25	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
4769	473363.09, 3861377.25	1.01E-07	3.19E-11	9.28E-12	9.98E-08	3.15E-11	9.16E-12	9.69E-08	3.06E-11	8.90E-12
4770	473863.09, 3861377.25	1.05E-07	3.31E-11	9.63E-12	1.04E-07	3.27E-11	9.50E-12	1.01E-07	3.17E-11	9.23E-12
4771	474363.09, 3861377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.43E-11	9.99E-12	1.06E-07	3.33E-11	9.70E-12
4772	474863.09, 3861377.25	1.14E-07	3.61E-11	1.05E-11	1.13E-07	3.56E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
4773	475363.09, 3861377.25	1.21E-07	3.81E-11	1.11E-11	1.19E-07	3.76E-11	1.09E-11	1.16E-07	3.65E-11	1.06E-11
4774	475863.09, 3861377.25	1.24E-07	3.93E-11	1.14E-11	1.23E-07	3.88E-11	1.13E-11	1.19E-07	3.76E-11	1.09E-11
4775	476363.09, 3861377.25	1.26E-07	3.98E-11	1.16E-11	1.25E-07	3.93E-11	1.14E-11	1.21E-07	3.82E-11	1.11E-11
4776	476863.09, 3861377.25	1.29E-07	4.06E-11	1.18E-11	1.27E-07	4.01E-11	1.17E-11	1.23E-07	3.89E-11	1.13E-11
4777	477363.09, 3861377.25	1.33E-07	4.20E-11	1.22E-11	1.31E-07	4.14E-11	1.21E-11	1.27E-07	4.02E-11	1.17E-11
4778	477863.09, 3861377.25	1.21E-07	3.80E-11	1.11E-11	1.19E-07	3.75E-11	1.09E-11	1.15E-07	3.65E-11	1.06E-11
4779	478363.09, 3861377.25	8.45E-08	2.67E-11	7.75E-12	8.34E-08	2.63E-11	7.65E-12	8.09E-08	2.55E-11	7.43E-12
4780	478863.09, 3861377.25	1.04E-07	3.29E-11	9.58E-12	1.03E-07	3.25E-11	9.46E-12	1.00E-07	3.16E-11	9.18E-12
4781	479363.09, 3861377.25	1.77E-07	5.59E-11	1.63E-11	1.75E-07	5.52E-11	1.60E-11	1.70E-07	5.36E-11	1.56E-11
4782	479863.09, 3861377.25	2.22E-07	6.99E-11	2.03E-11	2.19E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
4783	480363.09, 3861377.25	2.57E-07	8.10E-11	2.36E-11	2.53E-07	7.99E-11	2.33E-11	2.46E-07	7.76E-11	2.26E-11
4784	480863.09, 3861377.25	2.83E-07	8.93E-11	2.60E-11	2.79E-07	8.81E-11	2.56E-11	2.71E-07	8.55E-11	2.49E-11
4785	481363.09, 3861377.25	3.12E-07	9.83E-11	2.86E-11	3.07E-07	9.70E-11	2.82E-11	2.99E-07	9.42E-11	2.74E-11
4786	481863.09, 3861377.25	3.43E-07	1.08E-10	3.15E-11	3.39E-07	1.07E-10	3.11E-11	3.29E-07	1.04E-10	3.02E-11
4787	482363.09, 3861377.25	3.75E-07	1.18E-10	3.44E-11	3.70E-07	1.17E-10	3.40E-11	3.59E-07	1.13E-10	3.30E-11
4788	482863.09, 3861377.25	4.10E-07	1.29E-10	3.76E-11	4.05E-07	1.28E-10	3.72E-11	3.93E-07	1.24E-10	3.61E-11
4789	483363.09, 3861377.25	4.56E-07	1.44E-10	4.18E-11	4.50E-07	1.42E-10	4.13E-11	4.37E-07	1.38E-10	4.01E-11
4790	483863.09, 3861377.25	5.06E-07	1.60E-10	4.64E-11	4.99E-07	1.58E-10	4.58E-11	4.85E-07	1.53E-10	4.45E-11
4791	484363.09, 3861377.25	5.43E-07	1.71E-10	4.99E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.78E-11
4792	484863.09, 3861377.25	5.64E-07	1.78E-10	5.18E-11	5.56E-07	1.76E-10	5.11E-11	5.40E-07	1.71E-10	4.96E-11
4793	485363.09, 3861377.25	5.98E-07	1.89E-10	5.49E-11	5.91E-07	1.86E-10	5.42E-11	5.74E-07	1.81E-10	5.27E-11
4794	485863.09, 3861377.25	6.63E-07	2.09E-10	6.08E-11	6.54E-07	2.06E-10	6.01E-11	6.35E-07	2.00E-10	5.83E-11
4795	486363.09, 3861377.25	7.47E-07	2.36E-10	6.86E-11	7.37E-07	2.33E-10	6.77E-11	7.16E-07	2.26E-10	6.57E-11
4796	486863.09, 3861377.25	8.53E-07	2.69E-10	7.83E-11	8.42E-07	2.66E-10	7.73E-11	8.18E-07	2.58E-10	7.51E-11
4797	487363.09, 3861377.25	9.78E-07	3.09E-10	8.98E-11	9.66E-07	3.05E-10	8.86E-11	9.38E-07	2.96E-10	8.61E-11
4798	487863.09, 3861377.25	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
4799	488363.09, 3861377.25	1.32E-06	4.15E-10	1.21E-10	1.30E-06	4.10E-10	1.19E-10	1.26E-06	3.98E-10	1.16E-10
4800	488863.09, 3861377.25	1.83E-06	5.77E-10	1.68E-10	1.80E-06	5.69E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
4801	489363.09, 3861377.25	4.81E-06	1.52E-09	4.42E-10	4.75E-06	1.50E-09	4.36E-10	4.61E-06	1.46E-09	4.24E-10
4802	489863.09, 3861377.25	2.27E-06	7.18E-10	2.09E-10	2.24E-06	7.09E-10	2.06E-10	2.18E-06	6.88E-10	2.00E-10
4803	490363.09, 3861377.25	1.78E-06	5.61E-10	1.63E-10	1.75E-06	5.53E-10	1.61E-10	1.70E-06	5.37E-10	1.56E-10
4804	490863.09, 3861377.25	1.57E-06	4.96E-10	1.44E-10	1.55E-06	4.89E-10	1.42E-10	1.51E-06	4.75E-10	1.38E-10
4805	491363.09, 3861377.25	1.44E-06	4.54E-10	1.32E-10	1.42E-06	4.48E-10	1.30E-10	1.38E-06	4.35E-10	1.27E-10
4806	491863.09, 3861377.25	1.35E-06	4.25E-10	1.23E-10	1.33E-06	4.19E-10	1.22E-10	1.29E-06	4.07E-10	1.18E-10
4807	492363.09, 3861377.25	1.26E-06	3.98E-10	1.16E-10	1.24E-06	3.93E-10	1.14E-10	1.21E-06	3.82E-10	1.11E-10
4808	492863.09, 3861377.25	1.20E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.15E-06	3.64E-10	1.06E-10
4809	493363.09, 3861377.25	1.17E-06	3.70E-10	1.08E-10	1.16E-06	3.65E-10	1.06E-10	1.12E-06	3.55E-10	1.03E-10
4810	493863.09, 3861377.25	1.15E-06	3.63E-10	1.05E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
4811	494363.09, 3861377.25	1.12E-06	3.54E-10	1.03E-10	1.11E-06	3.49E-10	1.01E-10	1.07E-06	3.39E-10	9.85E-11
4812	494863.09, 3861377.25	1.09E-06	3.43E-10	9.98E-11	1.07E-06	3.39E-10	9.85E-11	1.04E-06	3.29E-10	9.57E-11
4813	495363.09, 3861377.25	1.05E-06	3.32E-10	9.66E-11	1.04E-06	3.28E-10	9.54E-11	1.01E-06	3.18E-10	9.26E-11
4814	495863.09, 3861377.25	1.02E-06	3.20E-10	9.32E-11	1.00E-06	3.16E-10	9.20E-11	9.73E-07	3.07E-10	8.93E-11
4815	496363.09, 3861377.25	9.98E-07	3.15E-10	9.16E-11	9.85E-07	3.11E-10	9.04E-11	9.57E-07	3.02E-10	8.78E-11
4816	496863.09, 3861377.25	9.87E-07	3.11E-10	9.06E-11	9.74E-07	3.07E-10	8.94E-11	9.46E-07	2.99E-10	8.68E-11
4817	497363.09, 3861377.25	9.52E-07	3.00E-10	8.74E-11	9.40E-07	2.97E-10	8.63E-11	9.12E-07	2.88E-10	8.38E-11
4818	497863.09, 3861377.25	9.17E-07	2.89E-10	8.42E-11	9.05E-07	2.86E-10	8.31E-11	8.79E-07	2.77E-10	8.07E-11
4819	498363.09, 3861377.25	8.88E-07	2.80E-10	8.16E-11	8.77E-07	2.77E-10	8.05E-11	8.51E-07	2.69E-10	7.82E-11
4820	471363.09, 3861877.25	8.39E-08	2.65E-11	7.71E-12	8.28E-08	2.61E-11	7.61E-12	8.04E-08	2.54E-11	7.39E-12
4821	471863.09, 3861877.25	8.73E-08	2.76E-11	8.02E-12	8.62E-08	2.72E-11	7.91E-12	8.37E-08	2.64E-11	7.68E-12
4822	472363.09, 3861877.25	9.10E-08	2.87E-11	8.35E-12	8.98E-08	2.83E-11	8.24E-12	8.72E-08	2.75E-11	8.00E-12
4823	472863.09, 3861877.25	9.50E-08	3.00E-11	8.72E-12	9.38E-08	2.96E-11	8.61E-12	9.10E-08	2.87E-11	8.36E-12
4824	473363.09, 3861877.25	9.94E-08	3.14E-11	9.13E-12	9.81E-08	3.10E-11	9.01E-12	9.53E-08	3.01E-11	8.75E-12
4825	473863.09, 3861877.25	1.04E-07	3.28E-11	9.53E-12	1.02E-07	3.23E-11	9.41E-12	9.95E-08	3.14E-11	9.14E-12
4826	474363.09, 3861877.25	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.40E-11	9.89E-12	1.05E-07	3.30E-11	9.61E-12

4827	474863.09, 3861877.25	1.15E-07	3.63E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
4828	475363.09, 3861877.25	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.17E-07	3.68E-11	1.07E-11
4829	475863.09, 3861877.25	1.30E-07	4.12E-11	1.20E-11	1.29E-07	4.06E-11	1.18E-11	1.25E-07	3.94E-11	1.15E-11
4830	476363.09, 3861877.25	1.39E-07	4.38E-11	1.27E-11	1.37E-07	4.32E-11	1.26E-11	1.33E-07	4.20E-11	1.22E-11
4831	476863.09, 3861877.25	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.41E-11	1.28E-11
4832	477363.09, 3861877.25	1.51E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.58E-11	1.33E-11
4833	477863.09, 3861877.25	1.31E-07	4.12E-11	1.20E-11	1.29E-07	4.07E-11	1.18E-11	1.25E-07	3.95E-11	1.15E-11
4834	478363.09, 3861877.25	7.34E-08	2.32E-11	6.74E-12	7.24E-08	2.29E-11	6.65E-12	7.03E-08	2.22E-11	6.46E-12
4835	478863.09, 3861877.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
4836	479363.09, 3861877.25	1.13E-07	3.57E-11	1.04E-11	1.11E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.94E-12
4837	479863.09, 3861877.25	2.23E-07	7.05E-11	2.05E-11	2.21E-07	6.96E-11	2.02E-11	2.14E-07	6.76E-11	1.97E-11
4838	480363.09, 3861877.25	2.56E-07	8.10E-11	2.35E-11	2.53E-07	7.99E-11	2.32E-11	2.46E-07	7.76E-11	2.26E-11
4839	480863.09, 3861877.25	2.80E-07	8.84E-11	2.57E-11	2.76E-07	8.72E-11	2.54E-11	2.68E-07	8.47E-11	2.46E-11
4840	481363.09, 3861877.25	3.04E-07	9.59E-11	2.79E-11	3.00E-07	9.46E-11	2.75E-11	2.91E-07	9.19E-11	2.67E-11
4841	481863.09, 3861877.25	3.30E-07	1.04E-10	3.02E-11	3.25E-07	1.03E-10	2.99E-11	3.16E-07	9.97E-11	2.90E-11
4842	482363.09, 3861877.25	3.61E-07	1.14E-10	3.31E-11	3.56E-07	1.12E-10	3.27E-11	3.46E-07	1.09E-10	3.18E-11
4843	482863.09, 3861877.25	3.95E-07	1.25E-10	3.62E-11	3.89E-07	1.23E-10	3.58E-11	3.78E-07	1.19E-10	3.47E-11
4844	483363.09, 3861877.25	4.21E-07	1.33E-10	3.86E-11	4.15E-07	1.31E-10	3.81E-11	4.03E-07	1.27E-10	3.70E-11
4845	483863.09, 3861877.25	4.35E-07	1.37E-10	4.00E-11	4.29E-07	1.36E-10	3.94E-11	4.17E-07	1.32E-10	3.83E-11
4846	484363.09, 3861877.25	4.50E-07	1.42E-10	4.13E-11	4.44E-07	1.40E-10	4.08E-11	4.31E-07	1.36E-10	3.96E-11
4847	484863.09, 3861877.25	4.84E-07	1.53E-10	4.44E-11	4.78E-07	1.51E-10	4.39E-11	4.64E-07	1.46E-10	4.26E-11
4848	485363.09, 3861877.25	5.32E-07	1.68E-10	4.89E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
4849	485863.09, 3861877.25	5.88E-07	1.85E-10	5.39E-11	5.80E-07	1.83E-10	5.32E-11	5.63E-07	1.78E-10	5.17E-11
4850	486363.09, 3861877.25	6.61E-07	2.09E-10	6.07E-11	6.53E-07	2.06E-10	5.99E-11	6.34E-07	2.00E-10	5.82E-11
4851	486863.09, 3861877.25	7.42E-07	2.34E-10	6.81E-11	7.32E-07	2.31E-10	6.72E-11	7.11E-07	2.24E-10	6.53E-11
4852	487363.09, 3861877.25	8.52E-07	2.69E-10	7.82E-11	8.41E-07	2.65E-10	7.72E-11	8.17E-07	2.58E-10	7.50E-11
4853	487863.09, 3861877.25	9.74E-07	3.07E-10	8.94E-11	9.61E-07	3.03E-10	8.82E-11	9.33E-07	2.95E-10	8.57E-11
4854	488363.09, 3861877.25	1.14E-06	3.58E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	9.99E-11
4855	488863.09, 3861877.25	1.62E-06	5.12E-10	1.49E-10	1.60E-06	5.05E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
4856	489363.09, 3861877.25	4.44E-06	1.40E-09	4.08E-10	4.38E-06	1.38E-09	4.02E-10	4.26E-06	1.34E-09	3.91E-10
4857	489863.09, 3861877.25	2.03E-06	6.41E-10	1.87E-10	2.01E-06	6.33E-10	1.84E-10	1.95E-06	6.15E-10	1.79E-10
4858	490363.09, 3861877.25	1.54E-06	4.84E-10	1.41E-10	1.52E-06	4.78E-10	1.39E-10	1.47E-06	4.64E-10	1.35E-10
4859	490863.09, 3861877.25	1.32E-06	4.18E-10	1.21E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
4860	491363.09, 3861877.25	1.21E-06	3.81E-10	1.11E-10	1.19E-06	3.76E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
4861	491863.09, 3861877.25	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.41E-10	9.91E-11
4862	492363.09, 3861877.25	1.05E-06	3.33E-10	9.68E-11	1.04E-06	3.28E-10	9.55E-11	1.01E-06	3.19E-10	9.28E-11
4863	492863.09, 3861877.25	9.93E-07	3.13E-10	9.12E-11	9.80E-07	3.09E-10	9.00E-11	9.52E-07	3.00E-10	8.74E-11
4864	493363.09, 3861877.25	9.43E-07	2.98E-10	8.66E-11	9.31E-07	2.94E-10	8.55E-11	9.04E-07	2.85E-10	8.30E-11
4865	493863.09, 3861877.25	9.11E-07	2.87E-10	8.36E-11	8.99E-07	2.84E-10	8.25E-11	8.73E-07	2.76E-10	8.01E-11
4866	494363.09, 3861877.25	8.90E-07	2.81E-10	8.17E-11	8.79E-07	2.77E-10	8.07E-11	8.53E-07	2.69E-10	7.83E-11
4867	494863.09, 3861877.25	8.81E-07	2.78E-10	8.08E-11	8.69E-07	2.74E-10	7.98E-11	8.44E-07	2.66E-10	7.75E-11
4868	495363.09, 3861877.25	8.59E-07	2.71E-10	7.88E-11	8.47E-07	2.67E-10	7.78E-11	8.23E-07	2.60E-10	7.55E-11
4869	495863.09, 3861877.25	8.32E-07	2.63E-10	7.64E-11	8.21E-07	2.59E-10	7.54E-11	7.98E-07	2.52E-10	7.32E-11
4870	496363.09, 3861877.25	8.12E-07	2.56E-10	7.45E-11	8.01E-07	2.53E-10	7.35E-11	7.78E-07	2.45E-10	7.14E-11
4871	496863.09, 3861877.25	8.37E-07	2.64E-10	7.69E-11	8.26E-07	2.61E-10	7.59E-11	8.03E-07	2.53E-10	7.37E-11
4872	497363.09, 3861877.25	7.88E-07	2.49E-10	7.23E-11	7.77E-07	2.45E-10	7.14E-11	7.55E-07	2.38E-10	6.93E-11
4873	497863.09, 3861877.25	7.54E-07	2.38E-10	6.92E-11	7.44E-07	2.35E-10	6.83E-11	7.23E-07	2.28E-10	6.63E-11
4874	498363.09, 3861877.25	7.28E-07	2.30E-10	6.68E-11	7.19E-07	2.27E-10	6.60E-11	6.98E-07	2.20E-10	6.41E-11
4875	471363.09, 3862377.25	8.29E-08	2.62E-11	7.61E-12	8.18E-08	2.58E-11	7.51E-12	7.94E-08	2.51E-11	7.29E-12
4876	471863.09, 3862377.25	8.64E-08	2.73E-11	7.93E-12	8.53E-08	2.69E-11	7.83E-12	8.28E-08	2.61E-11	7.60E-12
4877	472363.09, 3862377.25	9.07E-08	2.86E-11	8.33E-12	8.95E-08	2.83E-11	8.22E-12	8.69E-08	2.74E-11	7.98E-12
4878	472863.09, 3862377.25	9.54E-08	3.01E-11	8.76E-12	9.41E-08	2.97E-11	8.64E-12	9.14E-08	2.89E-11	8.39E-12
4879	473363.09, 3862377.25	1.00E-07	3.17E-11	9.22E-12	9.92E-08	3.13E-11	9.10E-12	9.63E-08	3.04E-11	8.84E-12
4880	473863.09, 3862377.25	1.06E-07	3.35E-11	9.75E-12	1.05E-07	3.31E-11	9.62E-12	1.02E-07	3.21E-11	9.34E-12
4881	474363.09, 3862377.25	1.12E-07	3.55E-11	1.03E-11	1.11E-07	3.50E-11	1.02E-11	1.08E-07	3.40E-11	9.89E-12
4882	474863.09, 3862377.25	1.19E-07	3.75E-11	1.09E-11	1.17E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11
4883	475363.09, 3862377.25	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.98E-11	1.16E-11	1.22E-07	3.87E-11	1.12E-11
4884	475863.09, 3862377.25	1.37E-07	4.32E-11	1.26E-11	1.35E-07	4.27E-11	1.24E-11	1.31E-07	4.15E-11	1.21E-11
4885	476363.09, 3862377.25	1.46E-07	4.61E-11	1.34E-11	1.44E-07	4.55E-11	1.32E-11	1.40E-07	4.42E-11	1.28E-11
4886	476863.09, 3862377.25	1.55E-07	4.89E-11	1.42E-11	1.53E-07	4.83E-11	1.40E-11	1.49E-07	4.69E-11	1.36E-11
4887	477363.09, 3862377.25	1.62E-07	5.13E-11	1.49E-11	1.60E-07	5.06E-11	1.47E-11	1.56E-07	4.91E-11	1.43E-11
4888	477863.09, 3862377.25	1.50E-07	4.74E-11	1.38E-11	1.48E-07	4.68E-11	1.36E-11	1.44E-07	4.54E-11	1.32E-11
4889	478363.09, 3862377.25	1.26E-07	3.98E-11	1.16E-11	1.25E-07	3.93E-11	1.14E-11	1.21E-07	3.82E-11	1.11E-11
4890	478863.09, 3862377.25	1.33E-07	4.20E-11	1.22E-11	1.31E-07	4.14E-11	1.21E-11	1.27E-07	4.02E-11	1.17E-11
4891	479363.09, 3862377.25	1.59E-07	5.03E-11	1.46E-11	1.57E-07	4.96E-11	1.44E-11	1.53E-07	4.82E-11	1.40E-11
4892	479863.09, 3862377.25	2.24E-07	7.08E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.78E-11	1.97E-11
4893	480363.09, 3862377.25	2.51E-07	7.94E-11	2.31E-11	2.48E-07	7.83E-11	2.28E-11	2.41E-07	7.61E-11	2.21E-11
4894	480863.09, 3862377.25	2.72E-07	8.58E-11	2.50E-11	2.68E-07	8.47E-11	2.46E-11	2.61E-07	8.23E-11	2.39E-11
4895	481363.09, 3862377.25	2.95E-07	9.30E-11	2.71E-11	2.91E-07	9.18E-11	2.67E-11	2.82E-07	8.92E-11	2.59E-11

4896	481863.09, 3862377.25	3.19E-07	1.01E-10	2.93E-11	3.15E-07	9.94E-11	2.89E-11	3.06E-07	9.65E-11	2.81E-11
4897	482363.09, 3862377.25	3.37E-07	1.06E-10	3.10E-11	3.33E-07	1.05E-10	3.06E-11	3.23E-07	1.02E-10	2.97E-11
4898	482863.09, 3862377.25	3.47E-07	1.09E-10	3.18E-11	3.42E-07	1.08E-10	3.14E-11	3.32E-07	1.05E-10	3.05E-11
4899	483363.09, 3862377.25	3.53E-07	1.12E-10	3.24E-11	3.49E-07	1.10E-10	3.20E-11	3.39E-07	1.07E-10	3.11E-11
4900	483863.09, 3862377.25	3.67E-07	1.16E-10	3.37E-11	3.63E-07	1.14E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
4901	484363.09, 3862377.25	3.99E-07	1.26E-10	3.66E-11	3.93E-07	1.24E-10	3.61E-11	3.82E-07	1.21E-10	3.51E-11
4902	484863.09, 3862377.25	4.38E-07	1.38E-10	4.02E-11	4.33E-07	1.37E-10	3.97E-11	4.20E-07	1.33E-10	3.86E-11
4903	485363.09, 3862377.25	4.77E-07	1.51E-10	4.38E-11	4.71E-07	1.49E-10	4.32E-11	4.57E-07	1.44E-10	4.20E-11
4904	485863.09, 3862377.25	5.29E-07	1.67E-10	4.85E-11	5.22E-07	1.65E-10	4.79E-11	5.07E-07	1.60E-10	4.65E-11
4905	486363.09, 3862377.25	5.85E-07	1.85E-10	5.37E-11	5.78E-07	1.82E-10	5.30E-11	5.61E-07	1.77E-10	5.15E-11
4906	486863.09, 3862377.25	6.55E-07	2.07E-10	6.01E-11	6.46E-07	2.04E-10	5.93E-11	6.28E-07	1.98E-10	5.76E-11
4907	487363.09, 3862377.25	7.46E-07	2.36E-10	6.85E-11	7.37E-07	2.33E-10	6.76E-11	7.15E-07	2.26E-10	6.57E-11
4908	487863.09, 3862377.25	8.28E-07	2.61E-10	7.61E-11	8.18E-07	2.58E-10	7.51E-11	7.94E-07	2.51E-10	7.29E-11
4909	488363.09, 3862377.25	1.00E-06	3.16E-10	9.20E-11	9.89E-07	3.12E-10	9.08E-11	9.61E-07	3.03E-10	8.82E-11
4910	488863.09, 3862377.25	1.48E-06	4.67E-10	1.36E-10	1.46E-06	4.61E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
4911	489363.09, 3862377.25	4.35E-06	1.37E-09	4.00E-10	4.30E-06	1.36E-09	3.94E-10	4.17E-06	1.32E-09	3.83E-10
4912	489863.09, 3862377.25	1.90E-06	5.99E-10	1.74E-10	1.87E-06	5.91E-10	1.72E-10	1.82E-06	5.74E-10	1.67E-10
4913	490363.09, 3862377.25	1.42E-06	4.49E-10	1.31E-10	1.40E-06	4.43E-10	1.29E-10	1.36E-06	4.30E-10	1.25E-10
4914	490863.09, 3862377.25	1.19E-06	3.75E-10	1.09E-10	1.17E-06	3.70E-10	1.08E-10	1.14E-06	3.60E-10	1.05E-10
4915	491363.09, 3862377.25	1.06E-06	3.34E-10	9.73E-11	1.05E-06	3.30E-10	9.60E-11	1.02E-06	3.21E-10	9.32E-11
4916	491863.09, 3862377.25	9.61E-07	3.03E-10	8.83E-11	9.49E-07	2.99E-10	8.71E-11	9.21E-07	2.91E-10	8.46E-11
4917	492363.09, 3862377.25	9.02E-07	2.85E-10	8.28E-11	8.90E-07	2.81E-10	8.17E-11	8.64E-07	2.73E-10	7.93E-11
4918	492863.09, 3862377.25	8.61E-07	2.72E-10	7.91E-11	8.50E-07	2.68E-10	7.80E-11	8.25E-07	2.61E-10	7.58E-11
4919	493363.09, 3862377.25	8.13E-07	2.56E-10	7.46E-11	8.02E-07	2.53E-10	7.36E-11	7.79E-07	2.46E-10	7.15E-11
4920	493863.09, 3862377.25	7.67E-07	2.42E-10	7.04E-11	7.57E-07	2.39E-10	6.95E-11	7.35E-07	2.32E-10	6.75E-11
4921	494363.09, 3862377.25	7.38E-07	2.33E-10	6.77E-11	7.28E-07	2.30E-10	6.68E-11	7.07E-07	2.23E-10	6.49E-11
4922	494863.09, 3862377.25	7.21E-07	2.28E-10	6.62E-11	7.12E-07	2.25E-10	6.53E-11	6.91E-07	2.18E-10	6.34E-11
4923	495363.09, 3862377.25	7.04E-07	2.22E-10	6.46E-11	6.94E-07	2.19E-10	6.37E-11	6.74E-07	2.13E-10	6.19E-11
4924	495863.09, 3862377.25	6.91E-07	2.18E-10	6.34E-11	6.82E-07	2.15E-10	6.26E-11	6.62E-07	2.09E-10	6.08E-11
4925	496363.09, 3862377.25	6.74E-07	2.13E-10	6.18E-11	6.65E-07	2.10E-10	6.10E-11	6.46E-07	2.04E-10	5.93E-11
4926	496863.09, 3862377.25	6.64E-07	2.10E-10	6.10E-11	6.56E-07	2.07E-10	6.02E-11	6.37E-07	2.01E-10	5.85E-11
4927	497363.09, 3862377.25	6.42E-07	2.03E-10	5.90E-11	6.34E-07	2.00E-10	5.82E-11	6.16E-07	1.94E-10	5.65E-11
4928	497863.09, 3862377.25	6.25E-07	1.97E-10	5.74E-11	6.17E-07	1.95E-10	5.67E-11	5.99E-07	1.89E-10	5.50E-11
4929	498363.09, 3862377.25	6.05E-07	1.91E-10	5.55E-11	5.97E-07	1.88E-10	5.48E-11	5.79E-07	1.83E-10	5.32E-11
4930	471363.09, 3862877.25	8.39E-08	2.65E-11	7.71E-12	8.28E-08	2.61E-11	7.61E-12	8.04E-08	2.54E-11	7.39E-12
4931	471863.09, 3862877.25	8.82E-08	2.78E-11	8.10E-12	8.71E-08	2.75E-11	7.99E-12	8.46E-08	2.67E-11	7.76E-12
4932	472363.09, 3862877.25	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
4933	472863.09, 3862877.25	9.84E-08	3.11E-11	9.03E-12	9.71E-08	3.06E-11	8.91E-12	9.43E-08	2.98E-11	8.66E-12
4934	473363.09, 3862877.25	1.04E-07	3.29E-11	9.57E-12	1.03E-07	3.25E-11	9.44E-12	9.99E-08	3.15E-11	9.17E-12
4935	473863.09, 3862877.25	1.11E-07	3.49E-11	1.02E-11	1.09E-07	3.45E-11	1.00E-11	1.06E-07	3.35E-11	9.73E-12
4936	474363.09, 3862877.25	1.17E-07	3.70E-11	1.08E-11	1.16E-07	3.65E-11	1.06E-11	1.12E-07	3.54E-11	1.03E-11
4937	474863.09, 3862877.25	1.24E-07	3.92E-11	1.14E-11	1.23E-07	3.87E-11	1.13E-11	1.19E-07	3.76E-11	1.09E-11
4938	475363.09, 3862877.25	1.32E-07	4.17E-11	1.21E-11	1.30E-07	4.12E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11
4939	475863.09, 3862877.25	1.40E-07	4.43E-11	1.29E-11	1.38E-07	4.37E-11	1.27E-11	1.34E-07	4.24E-11	1.23E-11
4940	476363.09, 3862877.25	1.48E-07	4.69E-11	1.36E-11	1.47E-07	4.63E-11	1.35E-11	1.42E-07	4.49E-11	1.31E-11
4941	476863.09, 3862877.25	1.56E-07	4.93E-11	1.43E-11	1.54E-07	4.87E-11	1.42E-11	1.50E-07	4.73E-11	1.38E-11
4942	477363.09, 3862877.25	1.63E-07	5.15E-11	1.50E-11	1.61E-07	5.08E-11	1.48E-11	1.56E-07	4.93E-11	1.43E-11
4943	477863.09, 3862877.25	1.62E-07	5.13E-11	1.49E-11	1.60E-07	5.06E-11	1.47E-11	1.56E-07	4.91E-11	1.43E-11
4944	478363.09, 3862877.25	1.43E-07	4.50E-11	1.31E-11	1.41E-07	4.44E-11	1.29E-11	1.37E-07	4.31E-11	1.25E-11
4945	478863.09, 3862877.25	1.53E-07	4.81E-11	1.40E-11	1.51E-07	4.75E-11	1.38E-11	1.46E-07	4.61E-11	1.34E-11
4946	479363.09, 3862877.25	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.58E-07	5.00E-11	1.45E-11
4947	479863.09, 3862877.25	2.27E-07	7.17E-11	2.09E-11	2.24E-07	7.08E-11	2.06E-11	2.18E-07	6.87E-11	2.00E-11
4948	480363.09, 3862877.25	2.47E-07	7.80E-11	2.27E-11	2.44E-07	7.70E-11	2.24E-11	2.37E-07	7.48E-11	2.17E-11
4949	480863.09, 3862877.25	2.65E-07	8.36E-11	2.43E-11	2.61E-07	8.25E-11	2.40E-11	2.54E-07	8.01E-11	2.33E-11
4950	481363.09, 3862877.25	2.78E-07	8.78E-11	2.55E-11	2.75E-07	8.67E-11	2.52E-11	2.67E-07	8.42E-11	2.45E-11
4951	481863.09, 3862877.25	2.85E-07	8.99E-11	2.61E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.61E-11	2.51E-11
4952	482363.09, 3862877.25	2.87E-07	9.06E-11	2.64E-11	2.83E-07	8.94E-11	2.60E-11	2.75E-07	8.68E-11	2.53E-11
4953	482863.09, 3862877.25	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.82E-07	8.89E-11	2.59E-11
4954	483363.09, 3862877.25	3.10E-07	9.78E-11	2.85E-11	3.06E-07	9.66E-11	2.81E-11	2.97E-07	9.38E-11	2.73E-11
4955	483863.09, 3862877.25	3.37E-07	1.06E-10	3.09E-11	3.32E-07	1.05E-10	3.05E-11	3.23E-07	1.02E-10	2.96E-11
4956	484363.09, 3862877.25	3.68E-07	1.16E-10	3.38E-11	3.63E-07	1.15E-10	3.34E-11	3.53E-07	1.11E-10	3.24E-11
4957	484863.09, 3862877.25	3.94E-07	1.24E-10	3.62E-11	3.89E-07	1.23E-10	3.57E-11	3.78E-07	1.19E-10	3.47E-11
4958	485363.09, 3862877.25	4.30E-07	1.36E-10	3.94E-11	4.24E-07	1.34E-10	3.89E-11	4.12E-07	1.30E-10	3.78E-11
4959	485863.09, 3862877.25	4.74E-07	1.49E-10	4.35E-11	4.67E-07	1.48E-10	4.29E-11	4.54E-07	1.43E-10	4.17E-11
4960	486363.09, 3862877.25	5.23E-07	1.65E-10	4.80E-11	5.16E-07	1.63E-10	4.74E-11	5.01E-07	1.58E-10	4.60E-11
4961	486863.09, 3862877.25	5.83E-07	1.84E-10	5.35E-11	5.76E-07	1.82E-10	5.28E-11	5.59E-07	1.76E-10	5.13E-11
4962	487363.09, 3862877.25	6.43E-07	2.03E-10	5.90E-11	6.35E-07	2.00E-10	5.83E-11	6.16E-07	1.94E-10	5.66E-11
4963	487863.09, 3862877.25	7.14E-07	2.25E-10	6.55E-11	7.04E-07	2.22E-10	6.47E-11	6.84E-07	2.16E-10	6.28E-11
4964	488363.09, 3862877.25	8.75E-07	2.76E-10	8.04E-11	8.64E-07	2.73E-10	7.93E-11	8.39E-07	2.65E-10	7.70E-11

4965	488863.09, 3862877.25	1.35E-06	4.27E-10	1.24E-10	1.34E-06	4.21E-10	1.23E-10	1.30E-06	4.09E-10	1.19E-10
4966	489363.09, 3862877.25	4.27E-06	1.35E-09	3.92E-10	4.21E-06	1.33E-09	3.86E-10	4.09E-06	1.29E-09	3.75E-10
4967	489863.09, 3862877.25	1.77E-06	5.59E-10	1.63E-10	1.75E-06	5.51E-10	1.60E-10	1.70E-06	5.35E-10	1.56E-10
4968	490363.09, 3862877.25	1.28E-06	4.06E-10	1.18E-10	1.27E-06	4.00E-10	1.16E-10	1.23E-06	3.89E-10	1.13E-10
4969	490863.09, 3862877.25	1.04E-06	3.29E-10	9.56E-11	1.03E-06	3.24E-10	9.43E-11	9.98E-07	3.15E-10	9.16E-11
4970	491363.09, 3862877.25	9.20E-07	2.90E-10	8.45E-11	9.08E-07	2.87E-10	8.34E-11	8.82E-07	2.78E-10	8.10E-11
4971	491863.09, 3862877.25	8.21E-07	2.59E-10	7.54E-11	8.11E-07	2.56E-10	7.44E-11	7.87E-07	2.48E-10	7.23E-11
4972	492363.09, 3862877.25	7.64E-07	2.41E-10	7.01E-11	7.54E-07	2.38E-10	6.92E-11	7.32E-07	2.31E-10	6.72E-11
4973	492863.09, 3862877.25	7.23E-07	2.28E-10	6.63E-11	7.13E-07	2.25E-10	6.55E-11	6.93E-07	2.19E-10	6.36E-11
4974	493363.09, 3862877.25	6.98E-07	2.20E-10	6.41E-11	6.89E-07	2.17E-10	6.33E-11	6.69E-07	2.11E-10	6.14E-11
4975	493863.09, 3862877.25	6.68E-07	2.11E-10	6.13E-11	6.59E-07	2.08E-10	6.05E-11	6.40E-07	2.02E-10	5.88E-11
4976	494363.09, 3862877.25	6.33E-07	2.00E-10	5.81E-11	6.25E-07	1.97E-10	5.74E-11	6.07E-07	1.92E-10	5.57E-11
4977	494863.09, 3862877.25	6.04E-07	1.91E-10	5.55E-11	5.96E-07	1.88E-10	5.47E-11	5.79E-07	1.83E-10	5.32E-11
4978	495363.09, 3862877.25	5.88E-07	1.85E-10	5.39E-11	5.80E-07	1.83E-10	5.32E-11	5.63E-07	1.78E-10	5.17E-11
4979	495863.09, 3862877.25	5.77E-07	1.82E-10	5.30E-11	5.70E-07	1.80E-10	5.23E-11	5.53E-07	1.75E-10	5.08E-11
4980	496363.09, 3862877.25	5.70E-07	1.80E-10	5.23E-11	5.62E-07	1.77E-10	5.16E-11	5.46E-07	1.72E-10	5.01E-11
4981	496863.09, 3862877.25	5.61E-07	1.77E-10	5.15E-11	5.54E-07	1.75E-10	5.08E-11	5.38E-07	1.70E-10	4.94E-11
4982	497363.09, 3862877.25	5.47E-07	1.73E-10	5.02E-11	5.40E-07	1.70E-10	4.96E-11	5.24E-07	1.65E-10	4.81E-11
4983	497863.09, 3862877.25	5.34E-07	1.68E-10	4.90E-11	5.27E-07	1.66E-10	4.83E-11	5.11E-07	1.61E-10	4.69E-11
4984	498363.09, 3862877.25	5.23E-07	1.65E-10	4.81E-11	5.17E-07	1.63E-10	4.74E-11	5.02E-07	1.58E-10	4.61E-11
4985	471363.09, 3863377.25	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
4986	471863.09, 3863377.25	9.11E-08	2.88E-11	8.36E-12	8.99E-08	2.84E-11	8.25E-12	8.73E-08	2.76E-11	8.01E-12
4987	472363.09, 3863377.25	9.63E-08	3.04E-11	8.84E-12	9.50E-08	3.00E-11	8.73E-12	9.23E-08	2.91E-11	8.47E-12
4988	472863.09, 3863377.25	1.02E-07	3.21E-11	9.34E-12	1.00E-07	3.17E-11	9.22E-12	9.75E-08	3.08E-11	8.95E-12
4989	473363.09, 3863377.25	1.07E-07	3.39E-11	9.87E-12	1.06E-07	3.35E-11	9.74E-12	1.03E-07	3.25E-11	9.46E-12
4990	473863.09, 3863377.25	1.13E-07	3.58E-11	1.04E-11	1.12E-07	3.53E-11	1.03E-11	1.09E-07	3.43E-11	9.97E-12
4991	474363.09, 3863377.25	1.19E-07	3.77E-11	1.10E-11	1.18E-07	3.72E-11	1.08E-11	1.14E-07	3.61E-11	1.05E-11
4992	474863.09, 3863377.25	1.26E-07	3.97E-11	1.15E-11	1.24E-07	3.92E-11	1.14E-11	1.20E-07	3.80E-11	1.11E-11
4993	475363.09, 3863377.25	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.11E-11	1.20E-11	1.26E-07	3.99E-11	1.16E-11
4994	475863.09, 3863377.25	1.38E-07	4.36E-11	1.27E-11	1.36E-07	4.30E-11	1.25E-11	1.32E-07	4.18E-11	1.21E-11
4995	476363.09, 3863377.25	1.44E-07	4.56E-11	1.33E-11	1.43E-07	4.50E-11	1.31E-11	1.38E-07	4.37E-11	1.27E-11
4996	476863.09, 3863377.25	1.52E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.59E-11	1.33E-11
4997	477363.09, 3863377.25	1.60E-07	5.05E-11	1.47E-11	1.58E-07	4.99E-11	1.45E-11	1.53E-07	4.84E-11	1.41E-11
4998	477863.09, 3863377.25	1.68E-07	5.29E-11	1.54E-11	1.66E-07	5.23E-11	1.52E-11	1.61E-07	5.07E-11	1.48E-11
4999	478363.09, 3863377.25	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.59E-07	5.00E-11	1.46E-11
5000	478863.09, 3863377.25	1.81E-07	5.72E-11	1.66E-11	1.79E-07	5.65E-11	1.64E-11	1.74E-07	5.48E-11	1.59E-11
5001	479363.09, 3863377.25	2.08E-07	6.58E-11	1.91E-11	2.06E-07	6.49E-11	1.89E-11	2.00E-07	6.30E-11	1.83E-11
5002	479863.09, 3863377.25	2.25E-07	7.09E-11	2.06E-11	2.22E-07	7.00E-11	2.04E-11	2.15E-07	6.79E-11	1.98E-11
5003	480363.09, 3863377.25	2.35E-07	7.40E-11	2.15E-11	2.31E-07	7.30E-11	2.12E-11	2.25E-07	7.09E-11	2.06E-11
5004	480863.09, 3863377.25	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
5005	481363.09, 3863377.25	2.39E-07	7.55E-11	2.20E-11	2.36E-07	7.45E-11	2.17E-11	2.29E-07	7.24E-11	2.10E-11
5006	481863.09, 3863377.25	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
5007	482363.09, 3863377.25	2.51E-07	7.92E-11	2.30E-11	2.48E-07	7.82E-11	2.27E-11	2.41E-07	7.59E-11	2.21E-11
5008	482863.09, 3863377.25	2.67E-07	8.44E-11	2.46E-11	2.64E-07	8.33E-11	2.42E-11	2.56E-07	8.09E-11	2.35E-11
5009	483363.09, 3863377.25	2.90E-07	9.14E-11	2.66E-11	2.86E-07	9.02E-11	2.62E-11	2.78E-07	8.76E-11	2.55E-11
5010	483863.09, 3863377.25	3.13E-07	9.87E-11	2.87E-11	3.09E-07	9.74E-11	2.83E-11	3.00E-07	9.46E-11	2.75E-11
5011	484363.09, 3863377.25	3.32E-07	1.05E-10	3.05E-11	3.28E-07	1.04E-10	3.01E-11	3.19E-07	1.01E-10	2.93E-11
5012	484863.09, 3863377.25	3.58E-07	1.13E-10	3.28E-11	3.53E-07	1.11E-10	3.24E-11	3.43E-07	1.08E-10	3.15E-11
5013	485363.09, 3863377.25	3.90E-07	1.23E-10	3.58E-11	3.85E-07	1.22E-10	3.54E-11	3.74E-07	1.18E-10	3.43E-11
5014	485863.09, 3863377.25	4.26E-07	1.35E-10	3.91E-11	4.21E-07	1.33E-10	3.86E-11	4.09E-07	1.29E-10	3.75E-11
5015	486363.09, 3863377.25	4.68E-07	1.48E-10	4.29E-11	4.61E-07	1.46E-10	4.24E-11	4.48E-07	1.41E-10	4.11E-11
5016	486863.09, 3863377.25	5.12E-07	1.62E-10	4.70E-11	5.06E-07	1.60E-10	4.64E-11	4.91E-07	1.55E-10	4.51E-11
5017	487363.09, 3863377.25	5.45E-07	1.72E-10	5.01E-11	5.38E-07	1.70E-10	4.94E-11	5.23E-07	1.65E-10	4.80E-11
5018	487863.09, 3863377.25	6.09E-07	1.92E-10	5.59E-11	6.01E-07	1.90E-10	5.52E-11	5.84E-07	1.84E-10	5.36E-11
5019	488363.09, 3863377.25	7.19E-07	2.27E-10	6.60E-11	7.10E-07	2.24E-10	6.52E-11	6.89E-07	2.18E-10	6.33E-11
5020	488863.09, 3863377.25	1.09E-06	3.44E-10	1.00E-10	1.08E-06	3.39E-10	9.87E-11	1.04E-06	3.30E-10	9.59E-11
5021	489363.09, 3863377.25	3.91E-06	1.24E-09	3.59E-10	3.86E-06	1.22E-09	3.55E-10	3.75E-06	1.18E-09	3.44E-10
5022	489863.09, 3863377.25	1.39E-06	4.40E-10	1.28E-10	1.38E-06	4.34E-10	1.26E-10	1.34E-06	4.22E-10	1.23E-10
5023	490363.09, 3863377.25	9.90E-07	3.13E-10	9.09E-11	9.78E-07	3.09E-10	8.97E-11	9.49E-07	3.00E-10	8.71E-11
5024	490863.09, 3863377.25	8.18E-07	2.58E-10	7.51E-11	8.07E-07	2.55E-10	7.41E-11	7.84E-07	2.47E-10	7.20E-11
5025	491363.09, 3863377.25	7.21E-07	2.28E-10	6.62E-11	7.11E-07	2.25E-10	6.53E-11	6.91E-07	2.18E-10	6.34E-11
5026	491863.09, 3863377.25	6.65E-07	2.10E-10	6.11E-11	6.57E-07	2.07E-10	6.03E-11	6.38E-07	2.01E-10	5.85E-11
5027	492363.09, 3863377.25	6.34E-07	2.00E-10	5.82E-11	6.26E-07	1.98E-10	5.75E-11	6.08E-07	1.92E-10	5.58E-11
5028	492863.09, 3863377.25	6.21E-07	1.96E-10	5.70E-11	6.13E-07	1.93E-10	5.62E-11	5.95E-07	1.88E-10	5.46E-11
5029	493363.09, 3863377.25	6.01E-07	1.90E-10	5.52E-11	5.94E-07	1.87E-10	5.45E-11	5.76E-07	1.82E-10	5.29E-11
5030	493863.09, 3863377.25	5.87E-07	1.85E-10	5.39E-11	5.80E-07	1.83E-10	5.32E-11	5.63E-07	1.78E-10	5.17E-11
5031	494363.09, 3863377.25	5.63E-07	1.78E-10	5.17E-11	5.56E-07	1.75E-10	5.10E-11	5.40E-07	1.70E-10	4.95E-11
5032	494863.09, 3863377.25	5.41E-07	1.71E-10	4.97E-11	5.34E-07	1.69E-10	4.90E-11	5.19E-07	1.64E-10	4.76E-11
5033	495363.09, 3863377.25	5.28E-07	1.67E-10	4.85E-11	5.21E-07	1.64E-10	4.78E-11	5.06E-07	1.60E-10	4.64E-11

5034	495863.09, 3863377.25	5.18E-07	1.64E-10	4.76E-11	5.11E-07	1.61E-10	4.69E-11	4.97E-07	1.57E-10	4.56E-11
5035	496363.09, 3863377.25	4.90E-07	1.55E-10	4.49E-11	4.83E-07	1.52E-10	4.44E-11	4.69E-07	1.48E-10	4.31E-11
5036	496863.09, 3863377.25	4.72E-07	1.49E-10	4.33E-11	4.66E-07	1.47E-10	4.28E-11	4.52E-07	1.43E-10	4.15E-11
5037	497363.09, 3863377.25	4.68E-07	1.48E-10	4.29E-11	4.61E-07	1.46E-10	4.24E-11	4.48E-07	1.41E-10	4.11E-11
5038	497863.09, 3863377.25	4.63E-07	1.46E-10	4.25E-11	4.57E-07	1.44E-10	4.20E-11	4.44E-07	1.40E-10	4.07E-11
5039	498363.09, 3863377.25	4.55E-07	1.44E-10	4.17E-11	4.49E-07	1.42E-10	4.12E-11	4.36E-07	1.38E-10	4.00E-11
5040	471363.09, 3863877.25	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
5041	471863.09, 3863877.25	9.37E-08	2.96E-11	8.60E-12	9.25E-08	2.92E-11	8.49E-12	8.98E-08	2.83E-11	8.24E-12
5042	472363.09, 3863877.25	9.85E-08	3.11E-11	9.04E-12	9.72E-08	3.07E-11	8.93E-12	9.44E-08	2.98E-11	8.67E-12
5043	472863.09, 3863877.25	1.03E-07	3.26E-11	9.49E-12	1.02E-07	3.22E-11	9.36E-12	9.90E-08	3.13E-11	9.09E-12
5044	473363.09, 3863877.25	1.08E-07	3.41E-11	9.93E-12	1.07E-07	3.37E-11	9.80E-12	1.04E-07	3.27E-11	9.51E-12
5045	473863.09, 3863877.25	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.52E-11	1.02E-11	1.08E-07	3.42E-11	9.95E-12
5046	474363.09, 3863877.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.56E-11	1.04E-11
5047	474863.09, 3863877.25	1.23E-07	3.87E-11	1.13E-11	1.21E-07	3.82E-11	1.11E-11	1.17E-07	3.71E-11	1.08E-11
5048	475363.09, 3863877.25	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.98E-11	1.16E-11	1.22E-07	3.87E-11	1.12E-11
5049	475863.09, 3863877.25	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.17E-11	1.21E-11	1.28E-07	4.05E-11	1.18E-11
5050	476363.09, 3863877.25	1.41E-07	4.45E-11	1.30E-11	1.39E-07	4.39E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
5051	476863.09, 3863877.25	1.50E-07	4.74E-11	1.38E-11	1.48E-07	4.67E-11	1.36E-11	1.44E-07	4.54E-11	1.32E-11
5052	477363.09, 3863877.25	1.60E-07	5.05E-11	1.47E-11	1.58E-07	4.98E-11	1.45E-11	1.53E-07	4.84E-11	1.41E-11
5053	477863.09, 3863877.25	1.70E-07	5.37E-11	1.56E-11	1.68E-07	5.30E-11	1.54E-11	1.63E-07	5.15E-11	1.50E-11
5054	478363.09, 3863877.25	1.78E-07	5.60E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
5055	478863.09, 3863877.25	1.94E-07	6.13E-11	1.78E-11	1.92E-07	6.05E-11	1.76E-11	1.86E-07	5.88E-11	1.71E-11
5056	479363.09, 3863877.25	2.02E-07	6.36E-11	1.85E-11	1.99E-07	6.28E-11	1.83E-11	1.93E-07	6.10E-11	1.77E-11
5057	479863.09, 3863877.25	2.05E-07	6.47E-11	1.88E-11	2.02E-07	6.38E-11	1.86E-11	1.96E-07	6.20E-11	1.80E-11
5058	480363.09, 3863877.25	2.04E-07	6.45E-11	1.88E-11	2.02E-07	6.36E-11	1.85E-11	1.96E-07	6.18E-11	1.80E-11
5059	480863.09, 3863877.25	2.05E-07	6.46E-11	1.88E-11	2.02E-07	6.37E-11	1.85E-11	1.96E-07	6.19E-11	1.80E-11
5060	481363.09, 3863877.25	2.09E-07	6.60E-11	1.92E-11	2.07E-07	6.52E-11	1.90E-11	2.01E-07	6.33E-11	1.84E-11
5061	481863.09, 3863877.25	2.20E-07	6.94E-11	2.02E-11	2.17E-07	6.85E-11	1.99E-11	2.11E-07	6.65E-11	1.94E-11
5062	482363.09, 3863877.25	2.35E-07	7.43E-11	2.16E-11	2.32E-07	7.33E-11	2.13E-11	2.25E-07	7.12E-11	2.07E-11
5063	482863.09, 3863877.25	2.52E-07	7.96E-11	2.32E-11	2.49E-07	7.86E-11	2.29E-11	2.42E-07	7.63E-11	2.22E-11
5064	483363.09, 3863877.25	2.69E-07	8.49E-11	2.47E-11	2.65E-07	8.38E-11	2.44E-11	2.58E-07	8.14E-11	2.37E-11
5065	483863.09, 3863877.25	2.85E-07	8.98E-11	2.61E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.61E-11	2.50E-11
5066	484363.09, 3863877.25	3.02E-07	9.53E-11	2.77E-11	2.98E-07	9.41E-11	2.74E-11	2.89E-07	9.14E-11	2.66E-11
5067	484863.09, 3863877.25	3.28E-07	1.04E-10	3.02E-11	3.24E-07	1.02E-10	2.98E-11	3.15E-07	9.94E-11	2.89E-11
5068	485363.09, 3863877.25	3.57E-07	1.13E-10	3.28E-11	3.52E-07	1.11E-10	3.24E-11	3.42E-07	1.08E-10	3.14E-11
5069	485863.09, 3863877.25	3.87E-07	1.22E-10	3.55E-11	3.82E-07	1.21E-10	3.51E-11	3.71E-07	1.17E-10	3.41E-11
5070	486363.09, 3863877.25	4.17E-07	1.32E-10	3.83E-11	4.11E-07	1.30E-10	3.78E-11	3.99E-07	1.26E-10	3.67E-11
5071	486863.09, 3863877.25	4.42E-07	1.39E-10	4.06E-11	4.36E-07	1.38E-10	4.00E-11	4.23E-07	1.34E-10	3.89E-11
5072	487363.09, 3863877.25	4.65E-07	1.47E-10	4.27E-11	4.59E-07	1.45E-10	4.22E-11	4.46E-07	1.41E-10	4.09E-11
5073	487863.09, 3863877.25	5.11E-07	1.61E-10	4.69E-11	5.04E-07	1.59E-10	4.63E-11	4.90E-07	1.55E-10	4.49E-11
5074	488363.09, 3863877.25	5.51E-07	1.74E-10	5.06E-11	5.44E-07	1.72E-10	4.99E-11	5.28E-07	1.67E-10	4.85E-11
5075	488863.09, 3863877.25	6.08E-07	1.92E-10	5.58E-11	6.00E-07	1.89E-10	5.51E-11	5.82E-07	1.84E-10	5.35E-11
5076	489363.09, 3863877.25	5.97E-07	1.88E-10	5.48E-11	5.89E-07	1.86E-10	5.41E-11	5.72E-07	1.81E-10	5.25E-11
5077	489863.09, 3863877.25	6.06E-07	1.91E-10	5.57E-11	5.99E-07	1.89E-10	5.49E-11	5.81E-07	1.83E-10	5.34E-11
5078	490363.09, 3863877.25	5.97E-07	1.89E-10	5.48E-11	5.90E-07	1.86E-10	5.41E-11	5.73E-07	1.81E-10	5.26E-11
5079	490863.09, 3863877.25	5.68E-07	1.79E-10	5.22E-11	5.61E-07	1.77E-10	5.15E-11	5.45E-07	1.72E-10	5.00E-11
5080	491363.09, 3863877.25	5.38E-07	1.70E-10	4.94E-11	5.31E-07	1.68E-10	4.87E-11	5.16E-07	1.63E-10	4.73E-11
5081	491863.09, 3863877.25	5.32E-07	1.68E-10	4.88E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
5082	492363.09, 3863877.25	5.10E-07	1.61E-10	4.68E-11	5.03E-07	1.59E-10	4.62E-11	4.89E-07	1.54E-10	4.49E-11
5083	492863.09, 3863877.25	4.79E-07	1.51E-10	4.40E-11	4.73E-07	1.49E-10	4.34E-11	4.59E-07	1.45E-10	4.21E-11
5084	493363.09, 3863877.25	4.78E-07	1.51E-10	4.38E-11	4.71E-07	1.49E-10	4.33E-11	4.58E-07	1.44E-10	4.20E-11
5085	493863.09, 3863877.25	4.75E-07	1.50E-10	4.36E-11	4.69E-07	1.48E-10	4.30E-11	4.55E-07	1.44E-10	4.18E-11
5086	494363.09, 3863877.25	4.82E-07	1.52E-10	4.43E-11	4.76E-07	1.50E-10	4.37E-11	4.62E-07	1.46E-10	4.24E-11
5087	494863.09, 3863877.25	4.71E-07	1.49E-10	4.32E-11	4.64E-07	1.47E-10	4.26E-11	4.51E-07	1.42E-10	4.14E-11
5088	495363.09, 3863877.25	4.56E-07	1.44E-10	4.19E-11	4.50E-07	1.42E-10	4.13E-11	4.37E-07	1.38E-10	4.01E-11
5089	495863.09, 3863877.25	4.45E-07	1.40E-10	4.08E-11	4.39E-07	1.39E-10	4.03E-11	4.26E-07	1.35E-10	3.91E-11
5090	496363.09, 3863877.25	4.33E-07	1.37E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.15E-07	1.31E-10	3.81E-11
5091	496863.09, 3863877.25	4.18E-07	1.32E-10	3.84E-11	4.12E-07	1.30E-10	3.79E-11	4.00E-07	1.26E-10	3.68E-11
5092	497363.09, 3863877.25	4.07E-07	1.29E-10	3.74E-11	4.02E-07	1.27E-10	3.69E-11	3.90E-07	1.23E-10	3.58E-11
5093	497863.09, 3863877.25	4.02E-07	1.27E-10	3.69E-11	3.97E-07	1.25E-10	3.64E-11	3.85E-07	1.22E-10	3.54E-11
5094	498363.09, 3863877.25	3.97E-07	1.25E-10	3.64E-11	3.91E-07	1.24E-10	3.59E-11	3.80E-07	1.20E-10	3.49E-11
5095	471363.09, 3864377.25	9.06E-08	2.86E-11	8.31E-12	8.94E-08	2.82E-11	8.21E-12	8.68E-08	2.74E-11	7.97E-12
5096	471863.09, 3864377.25	9.45E-08	2.98E-11	8.67E-12	9.32E-08	2.94E-11	8.56E-12	9.05E-08	2.86E-11	8.31E-12
5097	472363.09, 3864377.25	9.84E-08	3.11E-11	9.03E-12	9.71E-08	3.06E-11	8.91E-12	9.43E-08	2.98E-11	8.66E-12
5098	472863.09, 3864377.25	1.02E-07	3.22E-11	9.38E-12	1.01E-07	3.18E-11	9.26E-12	9.79E-08	3.09E-11	8.99E-12
5099	473363.09, 3864377.25	1.06E-07	3.34E-11	9.71E-12	1.04E-07	3.30E-11	9.59E-12	1.01E-07	3.20E-11	9.31E-12
5100	473863.09, 3864377.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.42E-11	9.94E-12	1.05E-07	3.32E-11	9.65E-12
5101	474363.09, 3864377.25	1.14E-07	3.60E-11	1.05E-11	1.13E-07	3.55E-11	1.03E-11	1.09E-07	3.45E-11	1.00E-11
5102	474863.09, 3864377.25	1.19E-07	3.76E-11	1.09E-11	1.18E-07	3.71E-11	1.08E-11	1.14E-07	3.60E-11	1.05E-11

5103	475363.09, 3864377.25	1.25E-07	3.96E-11	1.15E-11	1.24E-07	3.90E-11	1.14E-11	1.20E-07	3.79E-11	1.10E-11
5104	475863.09, 3864377.25	1.33E-07	4.19E-11	1.22E-11	1.31E-07	4.13E-11	1.20E-11	1.27E-07	4.01E-11	1.17E-11
5105	476363.09, 3864377.25	1.41E-07	4.46E-11	1.30E-11	1.39E-07	4.40E-11	1.28E-11	1.35E-07	4.27E-11	1.24E-11
5106	476863.09, 3864377.25	1.51E-07	4.76E-11	1.38E-11	1.49E-07	4.70E-11	1.37E-11	1.45E-07	4.56E-11	1.33E-11
5107	477363.09, 3864377.25	1.61E-07	5.07E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.86E-11	1.41E-11
5108	477863.09, 3864377.25	1.70E-07	5.35E-11	1.56E-11	1.67E-07	5.28E-11	1.54E-11	1.63E-07	5.13E-11	1.49E-11
5109	478363.09, 3864377.25	1.76E-07	5.55E-11	1.61E-11	1.74E-07	5.48E-11	1.59E-11	1.68E-07	5.32E-11	1.55E-11
5110	478863.09, 3864377.25	1.78E-07	5.63E-11	1.64E-11	1.76E-07	5.55E-11	1.62E-11	1.71E-07	5.39E-11	1.57E-11
5111	479363.09, 3864377.25	1.77E-07	5.60E-11	1.63E-11	1.75E-07	5.53E-11	1.61E-11	1.70E-07	5.37E-11	1.56E-11
5112	479863.09, 3864377.25	1.76E-07	5.57E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.34E-11	1.55E-11
5113	480363.09, 3864377.25	1.79E-07	5.64E-11	1.64E-11	1.76E-07	5.56E-11	1.62E-11	1.71E-07	5.40E-11	1.57E-11
5114	480863.09, 3864377.25	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
5115	481363.09, 3864377.25	1.96E-07	6.18E-11	1.80E-11	1.93E-07	6.10E-11	1.77E-11	1.88E-07	5.92E-11	1.72E-11
5116	481863.09, 3864377.25	2.08E-07	6.58E-11	1.91E-11	2.06E-07	6.49E-11	1.89E-11	2.00E-07	6.31E-11	1.83E-11
5117	482363.09, 3864377.25	2.21E-07	6.99E-11	2.03E-11	2.19E-07	6.90E-11	2.01E-11	2.12E-07	6.70E-11	1.95E-11
5118	482863.09, 3864377.25	2.34E-07	7.38E-11	2.15E-11	2.31E-07	7.29E-11	2.12E-11	2.24E-07	7.08E-11	2.06E-11
5119	483363.09, 3864377.25	2.46E-07	7.75E-11	2.25E-11	2.42E-07	7.65E-11	2.22E-11	2.35E-07	7.43E-11	2.16E-11
5120	483863.09, 3864377.25	2.59E-07	8.17E-11	2.38E-11	2.56E-07	8.07E-11	2.35E-11	2.48E-07	7.83E-11	2.28E-11
5121	484363.09, 3864377.25	2.80E-07	8.82E-11	2.57E-11	2.76E-07	8.71E-11	2.53E-11	2.68E-07	8.46E-11	2.46E-11
5122	484863.09, 3864377.25	3.03E-07	9.55E-11	2.78E-11	2.99E-07	9.43E-11	2.74E-11	2.90E-07	9.16E-11	2.66E-11
5123	485363.09, 3864377.25	3.26E-07	1.03E-10	2.99E-11	3.21E-07	1.01E-10	2.95E-11	3.12E-07	9.85E-11	2.86E-11
5124	485863.09, 3864377.25	3.48E-07	1.10E-10	3.20E-11	3.44E-07	1.09E-10	3.16E-11	3.34E-07	1.05E-10	3.07E-11
5125	486363.09, 3864377.25	3.67E-07	1.16E-10	3.37E-11	3.62E-07	1.14E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
5126	486863.09, 3864377.25	3.83E-07	1.21E-10	3.51E-11	3.78E-07	1.19E-10	3.47E-11	3.67E-07	1.16E-10	3.37E-11
5127	487363.09, 3864377.25	3.99E-07	1.26E-10	3.67E-11	3.94E-07	1.24E-10	3.62E-11	3.83E-07	1.21E-10	3.51E-11
5128	487863.09, 3864377.25	4.25E-07	1.34E-10	3.90E-11	4.20E-07	1.32E-10	3.85E-11	4.08E-07	1.29E-10	3.74E-11
5129	488363.09, 3864377.25	4.36E-07	1.38E-10	4.00E-11	4.31E-07	1.36E-10	3.95E-11	4.18E-07	1.32E-10	3.84E-11
5130	488863.09, 3864377.25	4.41E-07	1.39E-10	4.05E-11	4.35E-07	1.37E-10	3.99E-11	4.23E-07	1.33E-10	3.88E-11
5131	489363.09, 3864377.25	4.26E-07	1.35E-10	3.91E-11	4.21E-07	1.33E-10	3.86E-11	4.09E-07	1.29E-10	3.75E-11
5132	489863.09, 3864377.25	4.30E-07	1.36E-10	3.95E-11	4.25E-07	1.34E-10	3.90E-11	4.12E-07	1.30E-10	3.79E-11
5133	490363.09, 3864377.25	4.33E-07	1.37E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.15E-07	1.31E-10	3.81E-11
5134	490863.09, 3864377.25	4.30E-07	1.36E-10	3.95E-11	4.25E-07	1.34E-10	3.90E-11	4.12E-07	1.30E-10	3.79E-11
5135	491363.09, 3864377.25	4.25E-07	1.34E-10	3.90E-11	4.20E-07	1.32E-10	3.85E-11	4.08E-07	1.29E-10	3.74E-11
5136	491863.09, 3864377.25	1.81E-07	5.71E-11	1.66E-11	1.79E-07	5.63E-11	1.64E-11	1.73E-07	5.47E-11	1.59E-11
5137	492363.09, 3864377.25	3.41E-07	1.07E-10	3.13E-11	3.36E-07	1.06E-10	3.09E-11	3.26E-07	1.03E-10	3.00E-11
5138	492863.09, 3864377.25	2.26E-07	7.13E-11	2.08E-11	2.23E-07	7.04E-11	2.05E-11	2.17E-07	6.84E-11	1.99E-11
5139	493363.09, 3864377.25	3.27E-07	1.03E-10	3.00E-11	3.22E-07	1.02E-10	2.96E-11	3.13E-07	9.88E-11	2.87E-11
5140	493863.09, 3864377.25	3.72E-07	1.17E-10	3.41E-11	3.67E-07	1.16E-10	3.37E-11	3.56E-07	1.12E-10	3.27E-11
5141	494363.09, 3864377.25	3.87E-07	1.22E-10	3.56E-11	3.82E-07	1.21E-10	3.51E-11	3.71E-07	1.17E-10	3.41E-11
5142	494863.09, 3864377.25	4.03E-07	1.27E-10	3.70E-11	3.98E-07	1.26E-10	3.65E-11	3.87E-07	1.22E-10	3.55E-11
5143	495363.09, 3864377.25	3.99E-07	1.26E-10	3.67E-11	3.94E-07	1.24E-10	3.62E-11	3.83E-07	1.21E-10	3.51E-11
5144	495863.09, 3864377.25	3.89E-07	1.23E-10	3.57E-11	3.84E-07	1.21E-10	3.52E-11	3.72E-07	1.18E-10	3.42E-11
5145	496363.09, 3864377.25	3.79E-07	1.20E-10	3.48E-11	3.75E-07	1.18E-10	3.44E-11	3.64E-07	1.15E-10	3.34E-11
5146	496863.09, 3864377.25	3.72E-07	1.17E-10	3.41E-11	3.67E-07	1.16E-10	3.37E-11	3.56E-07	1.12E-10	3.27E-11
5147	497363.09, 3864377.25	3.62E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.28E-11	3.47E-07	1.10E-10	3.19E-11
5148	497863.09, 3864377.25	3.59E-07	1.13E-10	3.30E-11	3.54E-07	1.12E-10	3.25E-11	3.44E-07	1.09E-10	3.16E-11
5149	498363.09, 3864377.25	3.49E-07	1.10E-10	3.20E-11	3.44E-07	1.09E-10	3.16E-11	3.34E-07	1.06E-10	3.07E-11
5150	471363.09, 3864877.25	8.95E-08	2.83E-11	8.22E-12	8.84E-08	2.79E-11	8.11E-12	8.58E-08	2.71E-11	7.88E-12
5151	471863.09, 3864877.25	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
5152	472363.09, 3864877.25	9.55E-08	3.01E-11	8.77E-12	9.43E-08	2.98E-11	8.65E-12	9.15E-08	2.89E-11	8.40E-12
5153	472863.09, 3864877.25	9.86E-08	3.11E-11	9.06E-12	9.74E-08	3.07E-11	8.94E-12	9.45E-08	2.98E-11	8.68E-12
5154	473363.09, 3864877.25	1.02E-07	3.23E-11	9.40E-12	1.01E-07	3.19E-11	9.28E-12	9.82E-08	3.10E-11	9.01E-12
5155	473863.09, 3864877.25	1.07E-07	3.37E-11	9.80E-12	1.05E-07	3.32E-11	9.67E-12	1.02E-07	3.23E-11	9.39E-12
5156	474363.09, 3864877.25	1.12E-07	3.54E-11	1.03E-11	1.11E-07	3.49E-11	1.02E-11	1.07E-07	3.39E-11	9.86E-12
5157	474863.09, 3864877.25	1.18E-07	3.73E-11	1.09E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.58E-11	1.04E-11
5158	475363.09, 3864877.25	1.26E-07	3.97E-11	1.15E-11	1.24E-07	3.92E-11	1.14E-11	1.20E-07	3.80E-11	1.11E-11
5159	475863.09, 3864877.25	1.34E-07	4.22E-11	1.23E-11	1.32E-07	4.17E-11	1.21E-11	1.28E-07	4.05E-11	1.18E-11
5160	476363.09, 3864877.25	1.42E-07	4.49E-11	1.30E-11	1.40E-07	4.43E-11	1.29E-11	1.36E-07	4.30E-11	1.25E-11
5161	476863.09, 3864877.25	1.50E-07	4.73E-11	1.38E-11	1.48E-07	4.67E-11	1.36E-11	1.44E-07	4.53E-11	1.32E-11
5162	477363.09, 3864877.25	1.55E-07	4.88E-11	1.42E-11	1.53E-07	4.82E-11	1.40E-11	1.48E-07	4.68E-11	1.36E-11
5163	477863.09, 3864877.25	1.57E-07	4.94E-11	1.44E-11	1.55E-07	4.88E-11	1.42E-11	1.50E-07	4.74E-11	1.38E-11
5164	478363.09, 3864877.25	1.56E-07	4.91E-11	1.43E-11	1.54E-07	4.85E-11	1.41E-11	1.49E-07	4.71E-11	1.37E-11
5165	478863.09, 3864877.25	1.54E-07	4.87E-11	1.42E-11	1.52E-07	4.80E-11	1.40E-11	1.48E-07	4.66E-11	1.36E-11
5166	479363.09, 3864877.25	1.54E-07	4.87E-11	1.42E-11	1.52E-07	4.81E-11	1.40E-11	1.48E-07	4.67E-11	1.36E-11
5167	479863.09, 3864877.25	1.58E-07	5.00E-11	1.45E-11	1.56E-07	4.93E-11	1.43E-11	1.52E-07	4.79E-11	1.39E-11
5168	480363.09, 3864877.25	1.67E-07	5.26E-11	1.53E-11	1.64E-07	5.19E-11	1.51E-11	1.60E-07	5.04E-11	1.47E-11
5169	480863.09, 3864877.25	1.76E-07	5.56E-11	1.62E-11	1.74E-07	5.49E-11	1.60E-11	1.69E-07	5.33E-11	1.55E-11
5170	481363.09, 3864877.25	1.86E-07	5.88E-11	1.71E-11	1.84E-07	5.80E-11	1.69E-11	1.78E-07	5.63E-11	1.64E-11
5171	481863.09, 3864877.25	1.96E-07	6.18E-11	1.80E-11	1.93E-07	6.10E-11	1.77E-11	1.88E-07	5.92E-11	1.72E-11

5172	482363.09, 3864877.25	2.05E-07	6.48E-11	1.89E-11	2.03E-07	6.40E-11	1.86E-11	1.97E-07	6.21E-11	1.81E-11
5173	482863.09, 3864877.25	2.15E-07	6.78E-11	1.97E-11	2.12E-07	6.69E-11	1.95E-11	2.06E-07	6.50E-11	1.89E-11
5174	483363.09, 3864877.25	2.25E-07	7.11E-11	2.07E-11	2.22E-07	7.02E-11	2.04E-11	2.16E-07	6.81E-11	1.98E-11
5175	483863.09, 3864877.25	2.41E-07	7.60E-11	2.21E-11	2.38E-07	7.50E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
5176	484363.09, 3864877.25	2.61E-07	8.23E-11	2.39E-11	2.57E-07	8.12E-11	2.36E-11	2.50E-07	7.88E-11	2.29E-11
5177	484863.09, 3864877.25	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.70E-11	2.53E-11	2.68E-07	8.44E-11	2.46E-11
5178	485363.09, 3864877.25	2.98E-07	9.40E-11	2.73E-11	2.94E-07	9.27E-11	2.70E-11	2.85E-07	9.01E-11	2.62E-11
5179	485863.09, 3864877.25	3.11E-07	9.81E-11	2.85E-11	3.07E-07	9.68E-11	2.82E-11	2.98E-07	9.40E-11	2.73E-11
5180	486363.09, 3864877.25	3.23E-07	1.02E-10	2.96E-11	3.18E-07	1.00E-10	2.92E-11	3.09E-07	9.76E-11	2.84E-11
5181	486863.09, 3864877.25	3.32E-07	1.05E-10	3.05E-11	3.28E-07	1.04E-10	3.01E-11	3.19E-07	1.01E-10	2.93E-11
5182	487363.09, 3864877.25	3.47E-07	1.09E-10	3.18E-11	3.42E-07	1.08E-10	3.14E-11	3.32E-07	1.05E-10	3.05E-11
5183	487863.09, 3864877.25	3.63E-07	1.15E-10	3.33E-11	3.58E-07	1.13E-10	3.29E-11	3.48E-07	1.10E-10	3.19E-11
5184	488363.09, 3864877.25	3.62E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.28E-11	3.46E-07	1.09E-10	3.18E-11
5185	488863.09, 3864877.25	3.61E-07	1.14E-10	3.32E-11	3.57E-07	1.13E-10	3.27E-11	3.46E-07	1.09E-10	3.18E-11
5186	489363.09, 3864877.25	3.52E-07	1.11E-10	3.24E-11	3.48E-07	1.10E-10	3.19E-11	3.38E-07	1.07E-10	3.10E-11
5187	489863.09, 3864877.25	3.51E-07	1.11E-10	3.23E-11	3.47E-07	1.09E-10	3.18E-11	3.37E-07	1.06E-10	3.09E-11
5188	490363.09, 3864877.25	3.54E-07	1.12E-10	3.25E-11	3.49E-07	1.10E-10	3.21E-11	3.39E-07	1.07E-10	3.11E-11
5189	490863.09, 3864877.25	3.38E-07	1.07E-10	3.10E-11	3.34E-07	1.05E-10	3.06E-11	3.24E-07	1.02E-10	2.98E-11
5190	491363.09, 3864877.25	3.52E-07	1.11E-10	3.23E-11	3.47E-07	1.10E-10	3.19E-11	3.37E-07	1.06E-10	3.09E-11
5191	491863.09, 3864877.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
5192	492363.09, 3864877.25	9.46E-08	2.99E-11	8.69E-12	9.34E-08	2.95E-11	8.57E-12	9.07E-08	2.86E-11	8.32E-12
5193	492863.09, 3864877.25	1.37E-07	4.34E-11	1.26E-11	1.36E-07	4.28E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5194	493363.09, 3864877.25	1.33E-07	4.21E-11	1.22E-11	1.32E-07	4.16E-11	1.21E-11	1.28E-07	4.03E-11	1.17E-11
5195	493863.09, 3864877.25	2.94E-07	9.29E-11	2.70E-11	2.91E-07	9.17E-11	2.67E-11	2.82E-07	8.90E-11	2.59E-11
5196	494363.09, 3864877.25	3.25E-07	1.03E-10	2.98E-11	3.21E-07	1.01E-10	2.94E-11	3.11E-07	9.83E-11	2.86E-11
5197	494863.09, 3864877.25	3.31E-07	1.04E-10	3.03E-11	3.26E-07	1.03E-10	2.99E-11	3.17E-07	1.00E-10	2.91E-11
5198	495363.09, 3864877.25	3.44E-07	1.09E-10	3.16E-11	3.40E-07	1.07E-10	3.12E-11	3.30E-07	1.04E-10	3.03E-11
5199	495863.09, 3864877.25	3.42E-07	1.08E-10	3.14E-11	3.37E-07	1.06E-10	3.10E-11	3.27E-07	1.03E-10	3.01E-11
5200	496363.09, 3864877.25	3.36E-07	1.06E-10	3.08E-11	3.31E-07	1.05E-10	3.04E-11	3.22E-07	1.02E-10	2.96E-11
5201	496863.09, 3864877.25	3.28E-07	1.04E-10	3.02E-11	3.24E-07	1.02E-10	2.98E-11	3.15E-07	9.94E-11	2.89E-11
5202	497363.09, 3864877.25	3.22E-07	1.02E-10	2.96E-11	3.18E-07	1.00E-10	2.92E-11	3.09E-07	9.75E-11	2.84E-11
5203	497863.09, 3864877.25	3.18E-07	1.00E-10	2.92E-11	3.14E-07	9.90E-11	2.88E-11	3.04E-07	9.61E-11	2.79E-11
5204	498363.09, 3864877.25	3.11E-07	9.82E-11	2.86E-11	3.07E-07	9.69E-11	2.82E-11	2.98E-07	9.41E-11	2.74E-11
5205	471363.09, 3865377.25	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
5206	471863.09, 3865377.25	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
5207	472363.09, 3865377.25	9.25E-08	2.92E-11	8.49E-12	9.13E-08	2.88E-11	8.38E-12	8.87E-08	2.80E-11	8.14E-12
5208	472863.09, 3865377.25	9.63E-08	3.04E-11	8.84E-12	9.50E-08	3.00E-11	8.73E-12	9.23E-08	2.91E-11	8.47E-12
5209	473363.09, 3865377.25	1.01E-07	3.19E-11	9.27E-12	9.97E-08	3.15E-11	9.15E-12	9.68E-08	3.05E-11	8.89E-12
5210	473863.09, 3865377.25	1.06E-07	3.36E-11	9.76E-12	1.05E-07	3.31E-11	9.63E-12	1.02E-07	3.22E-11	9.35E-12
5211	474363.09, 3865377.25	1.13E-07	3.56E-11	1.03E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.41E-11	9.92E-12
5212	474863.09, 3865377.25	1.20E-07	3.78E-11	1.10E-11	1.18E-07	3.73E-11	1.09E-11	1.15E-07	3.63E-11	1.05E-11
5213	475363.09, 3865377.25	1.27E-07	4.00E-11	1.16E-11	1.25E-07	3.95E-11	1.15E-11	1.21E-07	3.83E-11	1.12E-11
5214	475863.09, 3865377.25	1.33E-07	4.20E-11	1.22E-11	1.31E-07	4.14E-11	1.21E-11	1.27E-07	4.02E-11	1.17E-11
5215	476363.09, 3865377.25	1.38E-07	4.37E-11	1.27E-11	1.37E-07	4.31E-11	1.25E-11	1.33E-07	4.18E-11	1.22E-11
5216	476863.09, 3865377.25	1.38E-07	4.35E-11	1.26E-11	1.36E-07	4.29E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5217	477363.09, 3865377.25	1.39E-07	4.39E-11	1.28E-11	1.37E-07	4.33E-11	1.26E-11	1.33E-07	4.21E-11	1.22E-11
5218	477863.09, 3865377.25	1.37E-07	4.32E-11	1.26E-11	1.35E-07	4.26E-11	1.24E-11	1.31E-07	4.14E-11	1.20E-11
5219	478363.09, 3865377.25	1.36E-07	4.30E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.31E-07	4.12E-11	1.20E-11
5220	478863.09, 3865377.25	1.38E-07	4.36E-11	1.27E-11	1.36E-07	4.30E-11	1.25E-11	1.32E-07	4.18E-11	1.21E-11
5221	479363.09, 3865377.25	1.43E-07	4.53E-11	1.32E-11	1.42E-07	4.47E-11	1.30E-11	1.37E-07	4.34E-11	1.26E-11
5222	479863.09, 3865377.25	1.51E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.58E-11	1.33E-11
5223	480363.09, 3865377.25	1.60E-07	5.04E-11	1.46E-11	1.57E-07	4.97E-11	1.45E-11	1.53E-07	4.83E-11	1.40E-11
5224	480863.09, 3865377.25	1.67E-07	5.28E-11	1.54E-11	1.65E-07	5.21E-11	1.52E-11	1.60E-07	5.06E-11	1.47E-11
5225	481363.09, 3865377.25	1.75E-07	5.51E-11	1.60E-11	1.72E-07	5.44E-11	1.58E-11	1.67E-07	5.28E-11	1.54E-11
5226	481863.09, 3865377.25	1.82E-07	5.74E-11	1.67E-11	1.79E-07	5.66E-11	1.65E-11	1.74E-07	5.50E-11	1.60E-11
5227	482363.09, 3865377.25	1.89E-07	5.98E-11	1.74E-11	1.87E-07	5.90E-11	1.72E-11	1.81E-07	5.73E-11	1.67E-11
5228	482863.09, 3865377.25	1.98E-07	6.24E-11	1.82E-11	1.95E-07	6.16E-11	1.79E-11	1.90E-07	5.98E-11	1.74E-11
5229	483363.09, 3865377.25	2.10E-07	6.64E-11	1.93E-11	2.08E-07	6.55E-11	1.91E-11	2.02E-07	6.36E-11	1.85E-11
5230	483863.09, 3865377.25	2.26E-07	7.15E-11	2.08E-11	2.23E-07	7.05E-11	2.05E-11	2.17E-07	6.85E-11	1.99E-11
5231	484363.09, 3865377.25	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
5232	484863.09, 3865377.25	2.57E-07	8.12E-11	2.36E-11	2.54E-07	8.01E-11	2.33E-11	2.46E-07	7.78E-11	2.26E-11
5233	485363.09, 3865377.25	2.69E-07	8.49E-11	2.47E-11	2.65E-07	8.37E-11	2.44E-11	2.58E-07	8.13E-11	2.37E-11
5234	485863.09, 3865377.25	2.76E-07	8.72E-11	2.54E-11	2.73E-07	8.61E-11	2.50E-11	2.65E-07	8.36E-11	2.43E-11
5235	486363.09, 3865377.25	2.87E-07	9.07E-11	2.64E-11	2.84E-07	8.95E-11	2.60E-11	2.75E-07	8.69E-11	2.53E-11
5236	486863.09, 3865377.25	2.94E-07	9.28E-11	2.70E-11	2.90E-07	9.16E-11	2.66E-11	2.82E-07	8.90E-11	2.59E-11
5237	487363.09, 3865377.25	3.07E-07	9.69E-11	2.82E-11	3.03E-07	9.56E-11	2.78E-11	2.94E-07	9.29E-11	2.70E-11
5238	487863.09, 3865377.25	3.13E-07	9.88E-11	2.87E-11	3.09E-07	9.75E-11	2.84E-11	3.00E-07	9.47E-11	2.75E-11
5239	488363.09, 3865377.25	3.09E-07	9.75E-11	2.84E-11	3.05E-07	9.62E-11	2.80E-11	2.96E-07	9.35E-11	2.72E-11
5240	488863.09, 3865377.25	3.11E-07	9.80E-11	2.85E-11	3.07E-07	9.68E-11	2.81E-11	2.98E-07	9.40E-11	2.73E-11

5241	489363.09, 3865377.25	3.05E-07	9.63E-11	2.80E-11	3.01E-07	9.51E-11	2.76E-11	2.92E-07	9.23E-11	2.68E-11
5242	489863.09, 3865377.25	3.03E-07	9.58E-11	2.79E-11	3.00E-07	9.45E-11	2.75E-11	2.91E-07	9.18E-11	2.67E-11
5243	490363.09, 3865377.25	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.81E-07	8.88E-11	2.58E-11
5244	490863.09, 3865377.25	2.89E-07	9.13E-11	2.65E-11	2.85E-07	9.01E-11	2.62E-11	2.77E-07	8.75E-11	2.54E-11
5245	491363.09, 3865377.25	2.77E-07	8.76E-11	2.55E-11	2.74E-07	8.64E-11	2.51E-11	2.66E-07	8.39E-11	2.44E-11
5246	491863.09, 3865377.25	2.74E-07	8.65E-11	2.52E-11	2.70E-07	8.54E-11	2.48E-11	2.63E-07	8.29E-11	2.41E-11
5247	492363.09, 3865377.25	2.18E-07	6.87E-11	2.00E-11	2.15E-07	6.78E-11	1.97E-11	2.09E-07	6.59E-11	1.92E-11
5248	492863.09, 3865377.25	1.60E-07	5.04E-11	1.47E-11	1.58E-07	4.98E-11	1.45E-11	1.53E-07	4.83E-11	1.41E-11
5249	493363.09, 3865377.25	1.18E-07	3.72E-11	1.08E-11	1.16E-07	3.67E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
5250	493863.09, 3865377.25	1.99E-07	6.27E-11	1.82E-11	1.96E-07	6.19E-11	1.80E-11	1.90E-07	6.01E-11	1.75E-11
5251	494363.09, 3865377.25	2.65E-07	8.38E-11	2.44E-11	2.62E-07	8.27E-11	2.41E-11	2.54E-07	8.03E-11	2.34E-11
5252	494863.09, 3865377.25	2.79E-07	8.81E-11	2.56E-11	2.75E-07	8.70E-11	2.53E-11	2.68E-07	8.44E-11	2.46E-11
5253	495363.09, 3865377.25	2.85E-07	9.01E-11	2.62E-11	2.82E-07	8.89E-11	2.59E-11	2.74E-07	8.63E-11	2.51E-11
5254	495863.09, 3865377.25	3.00E-07	9.46E-11	2.75E-11	2.96E-07	9.34E-11	2.72E-11	2.87E-07	9.07E-11	2.64E-11
5255	496363.09, 3865377.25	2.99E-07	9.42E-11	2.74E-11	2.95E-07	9.30E-11	2.70E-11	2.86E-07	9.03E-11	2.63E-11
5256	496863.09, 3865377.25	2.92E-07	9.22E-11	2.68E-11	2.88E-07	9.10E-11	2.65E-11	2.80E-07	8.84E-11	2.57E-11
5257	497363.09, 3865377.25	2.87E-07	9.07E-11	2.64E-11	2.84E-07	8.95E-11	2.60E-11	2.75E-07	8.69E-11	2.53E-11
5258	497863.09, 3865377.25	2.83E-07	8.93E-11	2.60E-11	2.79E-07	8.81E-11	2.56E-11	2.71E-07	8.56E-11	2.49E-11
5259	498363.09, 3865377.25	2.80E-07	8.85E-11	2.57E-11	2.77E-07	8.74E-11	2.54E-11	2.69E-07	8.48E-11	2.47E-11
5260	471363.09, 3865877.25	8.42E-08	2.66E-11	7.73E-12	8.31E-08	2.62E-11	7.63E-12	8.07E-08	2.55E-11	7.41E-12
5261	471863.09, 3865877.25	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
5262	472363.09, 3865877.25	9.16E-08	2.89E-11	8.41E-12	9.04E-08	2.85E-11	8.30E-12	8.78E-08	2.77E-11	8.06E-12
5263	472863.09, 3865877.25	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
5264	473363.09, 3865877.25	1.02E-07	3.22E-11	9.37E-12	1.01E-07	3.18E-11	9.24E-12	9.78E-08	3.09E-11	8.98E-12
5265	473863.09, 3865877.25	1.08E-07	3.41E-11	9.93E-12	1.07E-07	3.37E-11	9.80E-12	1.04E-07	3.27E-11	9.51E-12
5266	474363.09, 3865877.25	1.14E-07	3.61E-11	1.05E-11	1.13E-07	3.56E-11	1.04E-11	1.10E-07	3.46E-11	1.01E-11
5267	474863.09, 3865877.25	1.20E-07	3.78E-11	1.10E-11	1.18E-07	3.73E-11	1.08E-11	1.15E-07	3.62E-11	1.05E-11
5268	475363.09, 3865877.25	1.23E-07	3.89E-11	1.13E-11	1.22E-07	3.84E-11	1.12E-11	1.18E-07	3.73E-11	1.08E-11
5269	475863.09, 3865877.25	1.25E-07	3.94E-11	1.15E-11	1.23E-07	3.89E-11	1.13E-11	1.20E-07	3.78E-11	1.10E-11
5270	476363.09, 3865877.25	1.24E-07	3.92E-11	1.14E-11	1.23E-07	3.87E-11	1.12E-11	1.19E-07	3.76E-11	1.09E-11
5271	476863.09, 3865877.25	1.18E-07	3.73E-11	1.09E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.58E-11	1.04E-11
5272	477363.09, 3865877.25	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.17E-07	3.68E-11	1.07E-11
5273	477863.09, 3865877.25	1.23E-07	3.87E-11	1.13E-11	1.21E-07	3.82E-11	1.11E-11	1.17E-07	3.71E-11	1.08E-11
5274	478363.09, 3865877.25	1.26E-07	3.97E-11	1.16E-11	1.24E-07	3.92E-11	1.14E-11	1.21E-07	3.81E-11	1.11E-11
5275	478863.09, 3865877.25	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.10E-11	1.19E-11	1.26E-07	3.98E-11	1.16E-11
5276	479363.09, 3865877.25	1.39E-07	4.38E-11	1.27E-11	1.37E-07	4.33E-11	1.26E-11	1.33E-07	4.20E-11	1.22E-11
5277	479863.09, 3865877.25	1.45E-07	4.59E-11	1.34E-11	1.44E-07	4.53E-11	1.32E-11	1.39E-07	4.40E-11	1.28E-11
5278	480363.09, 3865877.25	1.51E-07	4.78E-11	1.39E-11	1.50E-07	4.72E-11	1.37E-11	1.45E-07	4.58E-11	1.33E-11
5279	480863.09, 3865877.25	1.57E-07	4.96E-11	1.44E-11	1.55E-07	4.89E-11	1.42E-11	1.51E-07	4.75E-11	1.38E-11
5280	481363.09, 3865877.25	1.63E-07	5.13E-11	1.49E-11	1.60E-07	5.06E-11	1.47E-11	1.56E-07	4.92E-11	1.43E-11
5281	481863.09, 3865877.25	1.68E-07	5.31E-11	1.54E-11	1.66E-07	5.24E-11	1.52E-11	1.61E-07	5.09E-11	1.48E-11
5282	482363.09, 3865877.25	1.75E-07	5.53E-11	1.61E-11	1.73E-07	5.46E-11	1.59E-11	1.68E-07	5.30E-11	1.54E-11
5283	482863.09, 3865877.25	1.85E-07	5.85E-11	1.70E-11	1.83E-07	5.77E-11	1.68E-11	1.78E-07	5.61E-11	1.63E-11
5284	483363.09, 3865877.25	1.99E-07	6.28E-11	1.83E-11	1.97E-07	6.20E-11	1.80E-11	1.91E-07	6.02E-11	1.75E-11
5285	483863.09, 3865877.25	2.12E-07	6.70E-11	1.95E-11	2.10E-07	6.62E-11	1.92E-11	2.04E-07	6.42E-11	1.87E-11
5286	484363.09, 3865877.25	2.25E-07	7.09E-11	2.06E-11	2.22E-07	7.00E-11	2.04E-11	2.15E-07	6.80E-11	1.98E-11
5287	484863.09, 3865877.25	2.35E-07	7.42E-11	2.16E-11	2.32E-07	7.32E-11	2.13E-11	2.25E-07	7.11E-11	2.07E-11
5288	485363.09, 3865877.25	2.42E-07	7.62E-11	2.22E-11	2.38E-07	7.52E-11	2.19E-11	2.31E-07	7.31E-11	2.13E-11
5289	485863.09, 3865877.25	2.50E-07	7.89E-11	2.30E-11	2.47E-07	7.79E-11	2.27E-11	2.40E-07	7.57E-11	2.20E-11
5290	486363.09, 3865877.25	2.58E-07	8.13E-11	2.36E-11	2.54E-07	8.02E-11	2.33E-11	2.47E-07	7.79E-11	2.27E-11
5291	486863.09, 3865877.25	2.63E-07	8.30E-11	2.41E-11	2.60E-07	8.19E-11	2.38E-11	2.52E-07	7.96E-11	2.31E-11
5292	487363.09, 3865877.25	2.73E-07	8.62E-11	2.51E-11	2.69E-07	8.50E-11	2.47E-11	2.62E-07	8.26E-11	2.40E-11
5293	487863.09, 3865877.25	2.74E-07	8.64E-11	2.51E-11	2.70E-07	8.52E-11	2.48E-11	2.62E-07	8.28E-11	2.41E-11
5294	488363.09, 3865877.25	2.71E-07	8.56E-11	2.49E-11	2.68E-07	8.45E-11	2.46E-11	2.60E-07	8.21E-11	2.39E-11
5295	488863.09, 3865877.25	2.75E-07	8.67E-11	2.52E-11	2.71E-07	8.55E-11	2.49E-11	2.63E-07	8.31E-11	2.42E-11
5296	489363.09, 3865877.25	2.70E-07	8.51E-11	2.48E-11	2.66E-07	8.40E-11	2.44E-11	2.59E-07	8.16E-11	2.37E-11
5297	489863.09, 3865877.25	2.65E-07	8.36E-11	2.43E-11	2.61E-07	8.25E-11	2.40E-11	2.54E-07	8.01E-11	2.33E-11
5298	490363.09, 3865877.25	2.68E-07	8.45E-11	2.46E-11	2.64E-07	8.34E-11	2.43E-11	2.57E-07	8.10E-11	2.36E-11
5299	490863.09, 3865877.25	2.62E-07	8.27E-11	2.40E-11	2.59E-07	8.16E-11	2.37E-11	2.51E-07	7.92E-11	2.30E-11
5300	491363.09, 3865877.25	2.43E-07	7.66E-11	2.23E-11	2.39E-07	7.56E-11	2.20E-11	2.32E-07	7.34E-11	2.13E-11
5301	491863.09, 3865877.25	2.34E-07	7.38E-11	2.15E-11	2.31E-07	7.28E-11	2.12E-11	2.24E-07	7.07E-11	2.06E-11
5302	492363.09, 3865877.25	2.16E-07	6.83E-11	1.99E-11	2.14E-07	6.74E-11	1.96E-11	2.07E-07	6.55E-11	1.90E-11
5303	492863.09, 3865877.25	1.58E-07	4.98E-11	1.45E-11	1.56E-07	4.92E-11	1.43E-11	1.51E-07	4.77E-11	1.39E-11
5304	493363.09, 3865877.25	1.59E-07	5.01E-11	1.46E-11	1.57E-07	4.95E-11	1.44E-11	1.52E-07	4.80E-11	1.40E-11
5305	493863.09, 3865877.25	1.87E-07	5.91E-11	1.72E-11	1.85E-07	5.84E-11	1.70E-11	1.80E-07	5.67E-11	1.65E-11
5306	494363.09, 3865877.25	2.24E-07	7.08E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.78E-11	1.97E-11
5307	494863.09, 3865877.25	2.55E-07	8.03E-11	2.34E-11	2.51E-07	7.93E-11	2.31E-11	2.44E-07	7.70E-11	2.24E-11
5308	495363.09, 3865877.25	2.51E-07	7.92E-11	2.30E-11	2.48E-07	7.82E-11	2.27E-11	2.41E-07	7.59E-11	2.21E-11
5309	495863.09, 3865877.25	2.50E-07	7.89E-11	2.29E-11	2.47E-07	7.79E-11	2.27E-11	2.40E-07	7.56E-11	2.20E-11

5310	496363.09, 3865877.25	2.57E-07	8.11E-11	2.36E-11	2.54E-07	8.01E-11	2.33E-11	2.46E-07	7.77E-11	2.26E-11
5311	496863.09, 3865877.25	2.54E-07	8.01E-11	2.33E-11	2.50E-07	7.90E-11	2.30E-11	2.43E-07	7.68E-11	2.23E-11
5312	497363.09, 3865877.25	2.56E-07	8.09E-11	2.35E-11	2.53E-07	7.99E-11	2.32E-11	2.46E-07	7.75E-11	2.26E-11
5313	497863.09, 3865877.25	2.53E-07	7.98E-11	2.32E-11	2.50E-07	7.88E-11	2.29E-11	2.42E-07	7.65E-11	2.23E-11
5314	498363.09, 3865877.25	2.44E-07	7.71E-11	2.24E-11	2.41E-07	7.61E-11	2.21E-11	2.34E-07	7.39E-11	2.15E-11
5315	471363.09, 3866377.25	8.38E-08	2.65E-11	7.69E-12	8.27E-08	2.61E-11	7.59E-12	8.03E-08	2.54E-11	7.37E-12
5316	471863.09, 3866377.25	8.82E-08	2.78E-11	8.10E-12	8.71E-08	2.75E-11	7.99E-12	8.46E-08	2.67E-11	7.76E-12
5317	472363.09, 3866377.25	9.32E-08	2.94E-11	8.55E-12	9.20E-08	2.90E-11	8.44E-12	8.93E-08	2.82E-11	8.20E-12
5318	472863.09, 3866377.25	9.83E-08	3.10E-11	9.02E-12	9.70E-08	3.06E-11	8.90E-12	9.42E-08	2.97E-11	8.64E-12
5319	473363.09, 3866377.25	1.04E-07	3.27E-11	9.52E-12	1.02E-07	3.23E-11	9.40E-12	9.94E-08	3.14E-11	9.13E-12
5320	473863.09, 3866377.25	1.08E-07	3.41E-11	9.93E-12	1.07E-07	3.37E-11	9.80E-12	1.04E-07	3.27E-11	9.51E-12
5321	474363.09, 3866377.25	1.11E-07	3.51E-11	1.02E-11	1.10E-07	3.47E-11	1.01E-11	1.07E-07	3.37E-11	9.79E-12
5322	474863.09, 3866377.25	1.13E-07	3.55E-11	1.03E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.40E-11	9.90E-12
5323	475363.09, 3866377.25	1.12E-07	3.53E-11	1.03E-11	1.10E-07	3.49E-11	1.01E-11	1.07E-07	3.39E-11	9.85E-12
5324	475863.09, 3866377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.44E-11	1.00E-11	1.06E-07	3.34E-11	9.71E-12
5325	476363.09, 3866377.25	1.10E-07	3.46E-11	1.01E-11	1.08E-07	3.41E-11	9.93E-12	1.05E-07	3.31E-11	9.64E-12
5326	476863.09, 3866377.25	1.04E-07	3.27E-11	9.51E-12	1.02E-07	3.23E-11	9.39E-12	9.93E-08	3.13E-11	9.11E-12
5327	477363.09, 3866377.25	1.10E-07	3.48E-11	1.01E-11	1.09E-07	3.44E-11	1.00E-11	1.06E-07	3.34E-11	9.71E-12
5328	477863.09, 3866377.25	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
5329	478363.09, 3866377.25	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.10E-11	1.17E-07	3.69E-11	1.07E-11
5330	478863.09, 3866377.25	1.28E-07	4.04E-11	1.18E-11	1.26E-07	3.99E-11	1.16E-11	1.23E-07	3.87E-11	1.13E-11
5331	479363.09, 3866377.25	1.34E-07	4.22E-11	1.23E-11	1.32E-07	4.16E-11	1.21E-11	1.28E-07	4.04E-11	1.18E-11
5332	479863.09, 3866377.25	1.39E-07	4.38E-11	1.27E-11	1.37E-07	4.32E-11	1.26E-11	1.33E-07	4.20E-11	1.22E-11
5333	480363.09, 3866377.25	1.43E-07	4.52E-11	1.31E-11	1.41E-07	4.46E-11	1.30E-11	1.37E-07	4.33E-11	1.26E-11
5334	480863.09, 3866377.25	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.58E-11	1.33E-11	1.41E-07	4.45E-11	1.29E-11
5335	481363.09, 3866377.25	1.52E-07	4.79E-11	1.39E-11	1.50E-07	4.73E-11	1.37E-11	1.45E-07	4.59E-11	1.34E-11
5336	481863.09, 3866377.25	1.57E-07	4.96E-11	1.44E-11	1.55E-07	4.89E-11	1.42E-11	1.51E-07	4.75E-11	1.38E-11
5337	482363.09, 3866377.25	1.65E-07	5.22E-11	1.52E-11	1.63E-07	5.15E-11	1.50E-11	1.58E-07	5.00E-11	1.45E-11
5338	482863.09, 3866377.25	1.77E-07	5.58E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.35E-11	1.55E-11
5339	483363.09, 3866377.25	1.88E-07	5.93E-11	1.73E-11	1.86E-07	5.86E-11	1.70E-11	1.80E-07	5.69E-11	1.65E-11
5340	483863.09, 3866377.25	1.98E-07	6.25E-11	1.82E-11	1.95E-07	6.17E-11	1.79E-11	1.90E-07	5.99E-11	1.74E-11
5341	484363.09, 3866377.25	2.08E-07	6.55E-11	1.91E-11	2.05E-07	6.47E-11	1.88E-11	1.99E-07	6.28E-11	1.83E-11
5342	484863.09, 3866377.25	2.15E-07	6.79E-11	1.97E-11	2.12E-07	6.70E-11	1.95E-11	2.06E-07	6.50E-11	1.89E-11
5343	485363.09, 3866377.25	2.20E-07	6.95E-11	2.02E-11	2.17E-07	6.85E-11	1.99E-11	2.11E-07	6.66E-11	1.94E-11
5344	485863.09, 3866377.25	2.27E-07	7.17E-11	2.09E-11	2.24E-07	7.08E-11	2.06E-11	2.18E-07	6.87E-11	2.00E-11
5345	486363.09, 3866377.25	2.32E-07	7.31E-11	2.13E-11	2.29E-07	7.22E-11	2.10E-11	2.22E-07	7.01E-11	2.04E-11
5346	486863.09, 3866377.25	2.38E-07	7.51E-11	2.18E-11	2.35E-07	7.41E-11	2.16E-11	2.28E-07	7.20E-11	2.09E-11
5347	487363.09, 3866377.25	2.48E-07	7.84E-11	2.28E-11	2.45E-07	7.74E-11	2.25E-11	2.38E-07	7.51E-11	2.19E-11
5348	487863.09, 3866377.25	2.46E-07	7.77E-11	2.26E-11	2.43E-07	7.67E-11	2.23E-11	2.36E-07	7.44E-11	2.17E-11
5349	488363.09, 3866377.25	2.47E-07	7.81E-11	2.27E-11	2.44E-07	7.71E-11	2.24E-11	2.37E-07	7.48E-11	2.18E-11
5350	488863.09, 3866377.25	2.46E-07	7.78E-11	2.26E-11	2.43E-07	7.67E-11	2.23E-11	2.36E-07	7.45E-11	2.17E-11
5351	489363.09, 3866377.25	2.35E-07	7.41E-11	2.16E-11	2.32E-07	7.32E-11	2.13E-11	2.25E-07	7.11E-11	2.07E-11
5352	489863.09, 3866377.25	2.16E-07	6.81E-11	1.98E-11	2.13E-07	6.72E-11	1.95E-11	2.07E-07	6.52E-11	1.90E-11
5353	490363.09, 3866377.25	2.38E-07	7.50E-11	2.18E-11	2.35E-07	7.41E-11	2.15E-11	2.28E-07	7.19E-11	2.09E-11
5354	490863.09, 3866377.25	2.41E-07	7.59E-11	2.21E-11	2.37E-07	7.50E-11	2.18E-11	2.31E-07	7.28E-11	2.12E-11
5355	491363.09, 3866377.25	2.38E-07	7.50E-11	2.18E-11	2.35E-07	7.40E-11	2.15E-11	2.28E-07	7.19E-11	2.09E-11
5356	491863.09, 3866377.25	1.98E-07	6.26E-11	1.82E-11	1.96E-07	6.17E-11	1.80E-11	1.90E-07	6.00E-11	1.74E-11
5357	492363.09, 3866377.25	1.97E-07	6.23E-11	1.81E-11	1.95E-07	6.15E-11	1.79E-11	1.89E-07	5.97E-11	1.74E-11
5358	492863.09, 3866377.25	1.73E-07	5.45E-11	1.59E-11	1.71E-07	5.38E-11	1.57E-11	1.66E-07	5.23E-11	1.52E-11
5359	493363.09, 3866377.25	1.88E-07	5.94E-11	1.73E-11	1.86E-07	5.87E-11	1.71E-11	1.80E-07	5.70E-11	1.66E-11
5360	493863.09, 3866377.25	2.02E-07	6.37E-11	1.85E-11	1.99E-07	6.29E-11	1.83E-11	1.93E-07	6.11E-11	1.78E-11
5361	494363.09, 3866377.25	2.16E-07	6.80E-11	1.98E-11	2.13E-07	6.71E-11	1.95E-11	2.07E-07	6.52E-11	1.90E-11
5362	494863.09, 3866377.25	2.18E-07	6.87E-11	2.00E-11	2.15E-07	6.78E-11	1.97E-11	2.09E-07	6.59E-11	1.92E-11
5363	495363.09, 3866377.25	2.15E-07	6.80E-11	1.98E-11	2.13E-07	6.71E-11	1.95E-11	2.06E-07	6.51E-11	1.89E-11
5364	495863.09, 3866377.25	2.06E-07	6.50E-11	1.89E-11	2.03E-07	6.41E-11	1.87E-11	1.97E-07	6.23E-11	1.81E-11
5365	496363.09, 3866377.25	2.07E-07	6.55E-11	1.90E-11	2.05E-07	6.46E-11	1.88E-11	1.99E-07	6.27E-11	1.83E-11
5366	496863.09, 3866377.25	2.11E-07	6.67E-11	1.94E-11	2.09E-07	6.59E-11	1.92E-11	2.03E-07	6.40E-11	1.86E-11
5367	497363.09, 3866377.25	2.16E-07	6.81E-11	1.98E-11	2.13E-07	6.72E-11	1.95E-11	2.07E-07	6.52E-11	1.90E-11
5368	497863.09, 3866377.25	2.21E-07	6.96E-11	2.02E-11	2.18E-07	6.87E-11	2.00E-11	2.11E-07	6.67E-11	1.94E-11
5369	498363.09, 3866377.25	1.95E-07	6.14E-11	1.79E-11	1.92E-07	6.06E-11	1.76E-11	1.87E-07	5.89E-11	1.71E-11
5370	474494.92, 3848334.16	6.18E-08	1.95E-11	5.67E-12	6.10E-08	1.93E-11	5.60E-12	5.92E-08	1.87E-11	5.44E-12
5371	475167.27, 3848920.79	6.73E-08	2.12E-11	6.18E-12	6.64E-08	2.10E-11	6.10E-12	6.45E-08	2.04E-11	5.92E-12
5372	475297.89, 3848997.96	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
5373	475439.05, 3849062	6.77E-08	2.14E-11	6.21E-12	6.68E-08	2.11E-11	6.13E-12	6.49E-08	2.05E-11	5.95E-12
5374	475486.86, 3849061.09	6.74E-08	2.13E-11	6.19E-12	6.65E-08	2.10E-11	6.11E-12	6.46E-08	2.04E-11	5.93E-12
5375	475538.46, 3849075.56	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
5376	475751.79, 3849137.15	7.05E-08	2.23E-11	6.48E-12	6.96E-08	2.20E-11	6.39E-12	6.76E-08	2.13E-11	6.21E-12
5377	476303.62, 3849223.38	7.40E-08	2.34E-11	6.80E-12	7.31E-08	2.31E-11	6.71E-12	7.10E-08	2.24E-11	6.51E-12
5378	476304.51, 3849238.92	7.42E-08	2.34E-11	6.81E-12	7.32E-08	2.31E-11	6.72E-12	7.11E-08	2.24E-11	6.53E-12

5379	476365.04, 3849247.98	7.46E-08	2.35E-11	6.85E-12	7.36E-08	2.32E-11	6.76E-12	7.15E-08	2.26E-11	6.56E-12
5380	476444.86, 3849267.13	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
5381	476550.75, 3849300.66	7.57E-08	2.39E-11	6.95E-12	7.48E-08	2.36E-11	6.86E-12	7.26E-08	2.29E-11	6.66E-12
5382	476656.71, 3849346.88	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
5383	476873.55, 3849454.53	7.89E-08	2.49E-11	7.24E-12	7.78E-08	2.46E-11	7.15E-12	7.56E-08	2.39E-11	6.94E-12
5384	477700, 3849859.7	8.65E-08	2.73E-11	7.94E-12	8.54E-08	2.70E-11	7.84E-12	8.29E-08	2.62E-11	7.61E-12
5385	477743.16, 3849856.38	8.59E-08	2.71E-11	7.88E-12	8.48E-08	2.68E-11	7.78E-12	8.23E-08	2.60E-11	7.56E-12
5386	478477.35, 3850216.33	9.01E-08	2.84E-11	8.27E-12	8.89E-08	2.81E-11	8.16E-12	8.63E-08	2.72E-11	7.92E-12
5387	478485.8, 3850201.6	8.98E-08	2.83E-11	8.24E-12	8.86E-08	2.80E-11	8.14E-12	8.61E-08	2.72E-11	7.90E-12
5388	479113.21, 3850501.53	9.79E-08	3.09E-11	8.98E-12	9.66E-08	3.05E-11	8.87E-12	9.38E-08	2.96E-11	8.61E-12
5389	479108.11, 3850382.28	9.59E-08	3.03E-11	8.80E-12	9.47E-08	2.99E-11	8.69E-12	9.19E-08	2.90E-11	8.44E-12
5390	479689.85, 3850674.28	1.02E-07	3.21E-11	9.34E-12	1.00E-07	3.17E-11	9.22E-12	9.75E-08	3.08E-11	8.95E-12
5391	479952.42, 3850774.28	1.06E-07	3.34E-11	9.71E-12	1.04E-07	3.30E-11	9.59E-12	1.01E-07	3.20E-11	9.31E-12
5392	479911.32, 3850884.85	1.07E-07	3.37E-11	9.81E-12	1.05E-07	3.33E-11	9.68E-12	1.02E-07	3.23E-11	9.40E-12
5393	480500.92, 3851178.12	1.20E-07	3.78E-11	1.10E-11	1.18E-07	3.73E-11	1.08E-11	1.15E-07	3.62E-11	1.05E-11
5394	480738.01, 3851289.27	1.26E-07	3.96E-11	1.15E-11	1.24E-07	3.91E-11	1.14E-11	1.20E-07	3.80E-11	1.10E-11
5395	481055.42, 3851443.58	1.34E-07	4.23E-11	1.23E-11	1.32E-07	4.18E-11	1.22E-11	1.29E-07	4.06E-11	1.18E-11
5396	481110.22, 3851443.15	1.36E-07	4.28E-11	1.24E-11	1.34E-07	4.22E-11	1.23E-11	1.30E-07	4.10E-11	1.19E-11
5397	481111.1, 3851417.45	1.35E-07	4.28E-11	1.24E-11	1.34E-07	4.22E-11	1.23E-11	1.30E-07	4.10E-11	1.19E-11
5398	482248.44, 3852605.09	1.76E-07	5.54E-11	1.61E-11	1.73E-07	5.47E-11	1.59E-11	1.68E-07	5.31E-11	1.54E-11
5399	482273.34, 3852632.31	1.76E-07	5.57E-11	1.62E-11	1.74E-07	5.50E-11	1.60E-11	1.69E-07	5.34E-11	1.55E-11
5400	482665.46, 3853038.72	1.94E-07	6.11E-11	1.78E-11	1.91E-07	6.03E-11	1.75E-11	1.85E-07	5.85E-11	1.70E-11
5401	483077.95, 3853844.31	2.21E-07	6.98E-11	2.03E-11	2.18E-07	6.89E-11	2.00E-11	2.12E-07	6.69E-11	1.95E-11
5402	483121.38, 3853909.38	2.24E-07	7.07E-11	2.06E-11	2.21E-07	6.98E-11	2.03E-11	2.15E-07	6.77E-11	1.97E-11
5403	483492.64, 3853911.49	2.30E-07	7.27E-11	2.12E-11	2.27E-07	7.18E-11	2.09E-11	2.21E-07	6.97E-11	2.03E-11
5404	483498.29, 3854204.73	2.42E-07	7.63E-11	2.22E-11	2.39E-07	7.53E-11	2.19E-11	2.32E-07	7.31E-11	2.13E-11
5405	484132.44, 3854662.55	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.12E-11
5406	484627.62, 3854876.13	2.76E-07	8.70E-11	2.53E-11	2.72E-07	8.59E-11	2.50E-11	2.64E-07	8.34E-11	2.43E-11
5407	484756.14, 3854949.04	2.94E-07	9.27E-11	2.70E-11	2.90E-07	9.15E-11	2.66E-11	2.82E-07	8.89E-11	2.59E-11
5408	486697.51, 3856599.17	7.74E-07	2.44E-10	7.10E-11	7.64E-07	2.41E-10	7.01E-11	7.42E-07	2.34E-10	6.81E-11
5409	487105.31, 3856962.27	1.12E-06	3.53E-10	1.03E-10	1.10E-06	3.48E-10	1.01E-10	1.07E-06	3.38E-10	9.84E-11
5410	487157.57, 3856901.7	1.13E-06	3.57E-10	1.04E-10	1.12E-06	3.53E-10	1.03E-10	1.08E-06	3.42E-10	9.96E-11
5411	487173.5, 3856853.74	1.10E-06	3.49E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.72E-11
5412	487564.41, 3856860.83	1.14E-06	3.60E-10	1.05E-10	1.13E-06	3.55E-10	1.03E-10	1.09E-06	3.45E-10	1.00E-10
5413	487563.31, 3856931.58	1.21E-06	3.83E-10	1.11E-10	1.20E-06	3.78E-10	1.10E-10	1.16E-06	3.67E-10	1.07E-10
5414	487782.7, 3856926.85	1.26E-06	3.99E-10	1.16E-10	1.25E-06	3.94E-10	1.15E-10	1.21E-06	3.82E-10	1.11E-10
5415	487782.39, 3856757.07	1.10E-06	3.48E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.71E-11
5416	487917.26, 3856752.41	1.14E-06	3.61E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.46E-10	1.01E-10
5417	487919.57, 3856953.35	1.34E-06	4.23E-10	1.23E-10	1.32E-06	4.17E-10	1.21E-10	1.28E-06	4.05E-10	1.18E-10
5418	487932.76, 3857000.32	1.39E-06	4.38E-10	1.28E-10	1.37E-06	4.33E-10	1.26E-10	1.33E-06	4.20E-10	1.22E-10
5419	487960.5, 3857044.75	1.45E-06	4.57E-10	1.33E-10	1.43E-06	4.51E-10	1.31E-10	1.39E-06	4.38E-10	1.27E-10
5420	488016.54, 3857089.54	1.52E-06	4.81E-10	1.40E-10	1.50E-06	4.75E-10	1.38E-10	1.46E-06	4.61E-10	1.34E-10
5421	488114.39, 3857165.47	1.68E-06	5.30E-10	1.54E-10	1.66E-06	5.23E-10	1.52E-10	1.61E-06	5.08E-10	1.48E-10
5422	488171.49, 3857234.24	1.83E-06	5.77E-10	1.68E-10	1.81E-06	5.70E-10	1.66E-10	1.75E-06	5.53E-10	1.61E-10
5423	488193.16, 3857297.8	1.98E-06	6.26E-10	1.82E-10	1.96E-06	6.17E-10	1.80E-10	1.90E-06	6.00E-10	1.74E-10
5424	488189.27, 3857649.94	3.33E-06	1.05E-09	3.06E-10	3.29E-06	1.04E-09	3.02E-10	3.19E-06	1.01E-09	2.93E-10
5425	488127.43, 3857732.32	3.95E-06	1.25E-09	3.63E-10	3.90E-06	1.23E-09	3.58E-10	3.79E-06	1.20E-09	3.48E-10
5426	488149.93, 3857752.94	4.15E-06	1.31E-09	3.81E-10	4.10E-06	1.29E-09	3.76E-10	3.98E-06	1.26E-09	3.65E-10
5427	488144.76, 3857758.71	4.21E-06	1.33E-09	3.86E-10	4.16E-06	1.31E-09	3.81E-10	4.03E-06	1.27E-09	3.70E-10
5428	488335.58, 3857932.55	8.51E-06	2.69E-09	7.81E-10	8.40E-06	2.65E-09	7.71E-10	8.16E-06	2.57E-09	7.49E-10
5429	488372.29, 3857943.79	9.39E-06	2.97E-09	8.62E-10	9.27E-06	2.93E-09	8.51E-10	9.00E-06	2.84E-09	8.27E-10
5430	488828.64, 3857936.4	1.12E-05	3.53E-09	1.03E-09	1.10E-05	3.49E-09	1.01E-09	1.07E-05	3.38E-09	9.84E-10
5431	488829.08, 3857959.58	1.25E-05	3.94E-09	1.15E-09	1.23E-05	3.89E-09	1.13E-09	1.20E-05	3.78E-09	1.10E-09
5432	488351.61, 3857964.55	1.09E-05	3.44E-09	1.00E-09	1.08E-05	3.39E-09	9.87E-10	1.04E-05	3.30E-09	9.59E-10
5433	488316.87, 3857947.65	9.36E-06	2.95E-09	8.59E-10	9.24E-06	2.91E-09	8.48E-10	8.97E-06	2.83E-09	8.23E-10
5434	488129.1, 3857775.77	4.41E-06	1.39E-09	4.05E-10	4.35E-06	1.37E-09	3.99E-10	4.22E-06	1.33E-09	3.88E-10
5435	488062.53, 3857846.13	5.24E-06	1.65E-09	4.81E-10	5.17E-06	1.63E-09	4.75E-10	5.02E-06	1.58E-09	4.61E-10
5436	488330.41, 3858091.34	1.80E-04	5.69E-08	1.65E-08	1.78E-04	5.62E-08	1.63E-08	1.73E-04	5.45E-08	1.59E-08
5437	488470.87, 3858174.45	1.03E-04	3.24E-08	9.42E-09	1.01E-04	3.20E-08	9.30E-09	9.83E-05	3.10E-08	9.03E-09
5438	488568.9, 3858262.31	9.69E-05	3.06E-08	8.90E-09	9.56E-05	3.02E-08	8.78E-09	9.29E-05	2.93E-08	8.53E-09
5439	488964.27, 3858025.71	1.52E-05	4.80E-09	1.40E-09	1.50E-05	4.74E-09	1.38E-09	1.46E-05	4.60E-09	1.34E-09
5440	489147.25, 3857956.64	1.13E-05	3.56E-09	1.03E-09	1.11E-05	3.51E-09	1.02E-09	1.08E-05	3.41E-09	9.91E-10
5441	489343.52, 3857932.45	1.01E-05	3.19E-09	9.27E-10	9.96E-06	3.14E-09	9.15E-10	9.67E-06	3.05E-09	8.88E-10
5442	489866.19, 3857923.19	9.91E-06	3.13E-09	9.10E-10	9.78E-06	3.09E-09	8.98E-10	9.50E-06	3.00E-09	8.72E-10
5443	489955.65, 3857902.27	9.47E-06	2.99E-09	8.70E-10	9.35E-06	2.95E-09	8.58E-10	9.08E-06	2.87E-09	8.34E-10
5444	490079.44, 3857847.9	8.67E-06	2.73E-09	7.96E-10	8.55E-06	2.70E-09	7.85E-10	8.30E-06	2.62E-09	7.62E-10
5445	490108.49, 3857934.13	1.07E-05	3.37E-09	9.81E-10	1.05E-05	3.33E-09	9.68E-10	1.02E-05	3.23E-09	9.40E-10
5446	489884.48, 3858014.17	1.26E-05	3.97E-09	1.15E-09	1.24E-05	3.92E-09	1.14E-09	1.21E-05	3.81E-09	1.11E-09
5447	489326.56, 3858025.86	1.30E-05	4.10E-09	1.19E-09	1.28E-05	4.05E-09	1.18E-09	1.24E-05	3.93E-09	1.14E-09

5448	489130.38, 3858056.71	1.51E-05	4.77E-09	1.39E-09	1.49E-05	4.70E-09	1.37E-09	1.45E-05	4.57E-09	1.33E-09
5449	488936.49, 3858143.93	2.22E-05	7.01E-09	2.04E-09	2.19E-05	6.91E-09	2.01E-09	2.13E-05	6.71E-09	1.95E-09
5450	488638.08, 3858327.45	9.66E-05	3.05E-08	8.87E-09	9.53E-05	3.01E-08	8.75E-09	9.26E-05	2.92E-08	8.50E-09
5451	488663.79, 3858349.57	9.50E-05	3.00E-08	8.73E-09	9.38E-05	2.96E-08	8.61E-09	9.11E-05	2.87E-08	8.36E-09
5452	488694.56, 3858349.5	7.72E-05	2.44E-08	7.09E-09	7.62E-05	2.40E-08	6.99E-09	7.40E-05	2.33E-08	6.79E-09
5453	488694.35, 3858336.75	7.15E-05	2.26E-08	6.56E-09	7.06E-05	2.23E-08	6.48E-09	6.85E-05	2.16E-08	6.29E-09
5454	488712.81, 3858336.38	6.49E-05	2.05E-08	5.96E-09	6.41E-05	2.02E-08	5.88E-09	6.22E-05	1.96E-08	5.71E-09
5455	488713.23, 3858367.46	7.75E-05	2.45E-08	7.11E-09	7.65E-05	2.41E-08	7.02E-09	7.43E-05	2.34E-08	6.82E-09
5456	488704.63, 3858384.05	9.25E-05	2.92E-08	8.49E-09	9.13E-05	2.88E-08	8.38E-09	8.87E-05	2.80E-08	8.14E-09
5457	488604.15, 3858488.29	3.05E-05	9.64E-09	2.80E-09	3.01E-05	9.51E-09	2.77E-09	2.93E-05	9.24E-09	2.69E-09
5458	488605.66, 3858550.47	2.29E-05	7.21E-09	2.10E-09	2.26E-05	7.12E-09	2.07E-09	2.19E-05	6.91E-09	2.01E-09
5459	488692.68, 3858548.71	3.44E-05	1.09E-08	3.16E-09	3.40E-05	1.07E-08	3.12E-09	3.30E-05	1.04E-08	3.03E-09
5460	488759.93, 3858461.81	1.18E-04	3.73E-08	1.09E-08	1.17E-04	3.68E-08	1.07E-08	1.13E-04	3.58E-08	1.04E-08
5461	488816.57, 3858541.79	1.67E-04	5.26E-08	1.53E-08	1.65E-04	5.19E-08	1.51E-08	1.60E-04	5.04E-08	1.47E-08
5462	488944.63, 3858656.77	1.63E-04	5.15E-08	1.50E-08	1.61E-04	5.08E-08	1.48E-08	1.56E-04	4.93E-08	1.43E-08
5463	489134.91, 3858830.7	1.75E-04	5.53E-08	1.61E-08	1.73E-04	5.45E-08	1.59E-08	1.68E-04	5.30E-08	1.54E-08
5464	489193.99, 3858886.05	2.05E-04	6.47E-08	1.88E-08	2.02E-04	6.39E-08	1.86E-08	1.97E-04	6.20E-08	1.80E-08
5465	489295.2, 3858954.34	8.78E-05	2.77E-08	8.06E-09	8.67E-05	2.74E-08	7.96E-09	8.42E-05	2.66E-08	7.73E-09
5466	489295.64, 3858992.74	7.62E-05	2.40E-08	6.99E-09	7.52E-05	2.37E-08	6.90E-09	7.30E-05	2.30E-08	6.70E-09
5467	489183.74, 3858911.72	9.66E-05	3.05E-08	8.86E-09	9.53E-05	3.01E-08	8.75E-09	9.25E-05	2.92E-08	8.50E-09
5468	488873.37, 3858625.59	7.34E-05	2.32E-08	6.74E-09	7.24E-05	2.29E-08	6.65E-09	7.04E-05	2.22E-08	6.46E-09
5469	488842.84, 3858658.69	4.40E-05	1.39E-08	4.04E-09	4.34E-05	1.37E-08	3.98E-09	4.21E-05	1.33E-08	3.87E-09
5470	488856.39, 3858670.93	4.46E-05	1.41E-08	4.10E-09	4.41E-05	1.39E-08	4.04E-09	4.28E-05	1.35E-08	3.93E-09
5471	488805.7, 3858724.5	2.54E-05	8.01E-09	2.33E-09	2.50E-05	7.90E-09	2.30E-09	2.43E-05	7.68E-09	2.23E-09
5472	488805.87, 3858804.16	1.97E-05	6.22E-09	1.81E-09	1.94E-05	6.13E-09	1.78E-09	1.89E-05	5.96E-09	1.73E-09
5473	488995.78, 3858936.96	2.45E-05	7.75E-09	2.25E-09	2.42E-05	7.65E-09	2.22E-09	2.35E-05	7.42E-09	2.16E-09
5474	489130.76, 3859017.38	3.60E-05	1.14E-08	3.31E-09	3.56E-05	1.12E-08	3.26E-09	3.45E-05	1.09E-08	3.17E-09
5475	489130.92, 3859052.24	3.40E-05	1.07E-08	3.12E-09	3.36E-05	1.06E-08	3.08E-09	3.26E-05	1.03E-08	2.99E-09
5476	489200.33, 3859090.6	5.98E-05	1.89E-08	5.49E-09	5.90E-05	1.86E-08	5.42E-09	5.73E-05	1.81E-08	5.26E-09
5477	489296.07, 3859143.7	6.53E-05	2.06E-08	6.00E-09	6.45E-05	2.03E-08	5.92E-09	6.26E-05	1.98E-08	5.75E-09
5478	489296.43, 3858954.74	8.70E-05	2.75E-08	7.99E-09	8.59E-05	2.71E-08	7.88E-09	8.34E-05	2.63E-08	7.65E-09
5479	489410.33, 3859033.19	4.47E-05	1.41E-08	4.10E-09	4.41E-05	1.39E-08	4.05E-09	4.28E-05	1.35E-08	3.93E-09
5480	489371.37, 3859089.8	4.66E-05	1.47E-08	4.28E-09	4.60E-05	1.45E-08	4.22E-09	4.47E-05	1.41E-08	4.10E-09
5481	489390.52, 3859102.82	4.30E-05	1.36E-08	3.95E-09	4.24E-05	1.34E-08	3.89E-09	4.12E-05	1.30E-08	3.78E-09
5482	489382.3, 3859114.53	4.38E-05	1.38E-08	4.02E-09	4.33E-05	1.37E-08	3.97E-09	4.20E-05	1.33E-08	3.86E-09
5483	489363.04, 3859102.45	4.76E-05	1.50E-08	4.37E-09	4.70E-05	1.48E-08	4.32E-09	4.57E-05	1.44E-08	4.19E-09
5484	489337.52, 3859140.71	5.18E-05	1.63E-08	4.76E-09	5.11E-05	1.61E-08	4.69E-09	4.96E-05	1.57E-08	4.56E-09
5485	489375.14, 3859164.55	4.35E-05	1.37E-08	3.99E-09	4.29E-05	1.36E-08	3.94E-09	4.17E-05	1.32E-08	3.83E-09
5486	489409.3, 3859114.5	4.00E-05	1.26E-08	3.67E-09	3.95E-05	1.25E-08	3.63E-09	3.83E-05	1.21E-08	3.52E-09
5487	489434.87, 3859131.81	3.66E-05	1.16E-08	3.36E-09	3.61E-05	1.14E-08	3.32E-09	3.51E-05	1.11E-08	3.22E-09
5488	489471.87, 3859075.75	3.62E-05	1.14E-08	3.33E-09	3.58E-05	1.13E-08	3.28E-09	3.47E-05	1.10E-08	3.19E-09
5489	489602.62, 3859164.69	2.64E-05	8.32E-09	2.42E-09	2.60E-05	8.21E-09	2.39E-09	2.53E-05	7.97E-09	2.32E-09
5490	489558.29, 3859232.45	2.58E-05	8.13E-09	2.36E-09	2.54E-05	8.02E-09	2.33E-09	2.47E-05	7.79E-09	2.27E-09
5491	489620.11, 3859273.56	2.25E-05	7.10E-09	2.06E-09	2.22E-05	7.00E-09	2.04E-09	2.15E-05	6.80E-09	1.98E-09
5492	489666.06, 3859206.42	2.34E-05	7.37E-09	2.14E-09	2.31E-05	7.28E-09	2.12E-09	2.24E-05	7.06E-09	2.05E-09
5493	489787.9, 3859285.65	1.89E-05	5.97E-09	1.74E-09	1.87E-05	5.89E-09	1.71E-09	1.81E-05	5.72E-09	1.67E-09
5494	489752.17, 3859343.13	1.75E-05	5.51E-09	1.60E-09	1.72E-05	5.44E-09	1.58E-09	1.67E-05	5.28E-09	1.54E-09
5495	489814.94, 3859385.33	1.53E-05	4.84E-09	1.41E-09	1.51E-05	4.78E-09	1.39E-09	1.47E-05	4.64E-09	1.35E-09
5496	489853.42, 3859330.74	1.70E-05	5.36E-09	1.56E-09	1.68E-05	5.29E-09	1.54E-09	1.63E-05	5.14E-09	1.49E-09
5497	489969.5, 3859401.91	1.39E-05	4.40E-09	1.28E-09	1.37E-05	4.34E-09	1.26E-09	1.34E-05	4.21E-09	1.23E-09
5498	490166.91, 3859486.96	1.10E-05	3.46E-09	1.01E-09	1.08E-05	3.42E-09	9.94E-10	1.05E-05	3.32E-09	9.65E-10
5499	490128.86, 3859571.46	8.61E-06	2.72E-09	7.90E-10	8.49E-06	2.68E-09	7.80E-10	8.25E-06	2.60E-09	7.57E-10
5500	490186.65, 3859593.65	8.08E-06	2.55E-09	7.42E-10	7.98E-06	2.52E-09	7.32E-10	7.75E-06	2.44E-09	7.11E-10
5501	490223.74, 3859517.48	1.04E-05	3.28E-09	9.53E-10	1.02E-05	3.23E-09	9.40E-10	9.95E-06	3.14E-09	9.13E-10
5502	490846.34, 3859817.22	6.49E-06	2.05E-09	5.96E-10	6.40E-06	2.02E-09	5.88E-10	6.22E-06	1.96E-09	5.71E-10
5503	490925.65, 3859844.59	6.31E-06	1.99E-09	5.79E-10	6.23E-06	1.97E-09	5.72E-10	6.05E-06	1.91E-09	5.55E-10
5504	491159.29, 3859896.28	6.03E-06	1.90E-09	5.54E-10	5.95E-06	1.88E-09	5.47E-10	5.78E-06	1.82E-09	5.31E-10
5505	491370.69, 3859960.89	5.56E-06	1.75E-09	5.10E-10	5.49E-06	1.73E-09	5.04E-10	5.33E-06	1.68E-09	4.89E-10
5506	491330.28, 3860063.17	3.51E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.09E-10
5507	491636.45, 3860180.75	3.02E-06	9.53E-10	2.77E-10	2.98E-06	9.40E-10	2.74E-10	2.89E-06	9.13E-10	2.66E-10
5508	491617.94, 3860203.93	2.92E-06	9.21E-10	2.68E-10	2.88E-06	9.09E-10	2.65E-10	2.80E-06	8.83E-10	2.57E-10
5509	491805.68, 3860271.59	2.68E-06	8.44E-10	2.46E-10	2.64E-06	8.33E-10	2.42E-10	2.56E-06	8.09E-10	2.35E-10
5510	491654.23, 3860414.02	2.36E-06	7.44E-10	2.16E-10	2.33E-06	7.34E-10	2.14E-10	2.26E-06	7.13E-10	2.07E-10
5511	491592.62, 3860510.76	2.17E-06	6.84E-10	1.99E-10	2.14E-06	6.75E-10	1.96E-10	2.08E-06	6.55E-10	1.91E-10
5512	491475.41, 3860368.93	2.43E-06	7.69E-10	2.24E-10	2.40E-06	7.58E-10	2.21E-10	2.33E-06	7.37E-10	2.14E-10
5513	491445.61, 3860337.28	2.51E-06	7.91E-10	2.30E-10	2.47E-06	7.81E-10	2.27E-10	2.40E-06	7.58E-10	2.21E-10
5514	491399.05, 3860300.37	2.61E-06	8.23E-10	2.39E-10	2.57E-06	8.12E-10	2.36E-10	2.50E-06	7.89E-10	2.29E-10
5515	491228.84, 3860235.98	2.80E-06	8.85E-10	2.57E-10	2.77E-06	8.74E-10	2.54E-10	2.69E-06	8.48E-10	2.47E-10
5516	491228.47, 3860174.57	3.00E-06	9.47E-10	2.75E-10	2.96E-06	9.34E-10	2.72E-10	2.87E-06	9.07E-10	2.64E-10

5517	491145.77, 3860112.55	3.25E-06	1.03E-09	2.98E-10	3.21E-06	1.01E-09	2.95E-10	3.12E-06	9.83E-10	2.86E-10
5518	490844.41, 3859966.22	4.05E-06	1.28E-09	3.72E-10	4.00E-06	1.26E-09	3.67E-10	3.89E-06	1.23E-09	3.57E-10
5519	490845.55, 3859928.15	4.30E-06	1.36E-09	3.95E-10	4.25E-06	1.34E-09	3.90E-10	4.12E-06	1.30E-09	3.79E-10
5520	490046.91, 3859625.6	8.07E-06	2.55E-09	7.41E-10	7.96E-06	2.51E-09	7.31E-10	7.73E-06	2.44E-09	7.10E-10
5521	489970.48, 3859589.4	9.06E-06	2.86E-09	8.32E-10	8.94E-06	2.82E-09	8.21E-10	8.68E-06	2.74E-09	7.97E-10
5522	489865.89, 3859529.06	1.11E-05	3.52E-09	1.02E-09	1.10E-05	3.47E-09	1.01E-09	1.07E-05	3.37E-09	9.80E-10
5523	489826.89, 3859531.74	1.15E-05	3.62E-09	1.05E-09	1.13E-05	3.58E-09	1.04E-09	1.10E-05	3.47E-09	1.01E-09
5524	489410.47, 3859303.06	3.59E-05	1.13E-08	3.30E-09	3.55E-05	1.12E-08	3.25E-09	3.44E-05	1.09E-08	3.16E-09
5525	489407.15, 3859286.09	3.66E-05	1.16E-08	3.36E-09	3.61E-05	1.14E-08	3.32E-09	3.51E-05	1.11E-08	3.22E-09
5526	488806.07, 3858963.62	1.39E-05	4.39E-09	1.28E-09	1.37E-05	4.33E-09	1.26E-09	1.33E-05	4.20E-09	1.22E-09
5527	488817.64, 3859546.3	6.79E-06	2.14E-09	6.23E-10	6.70E-06	2.12E-09	6.15E-10	6.51E-06	2.05E-09	5.97E-10
5528	489187.25, 3859549.52	3.51E-05	1.11E-08	3.22E-09	3.47E-05	1.09E-08	3.18E-09	3.37E-05	1.06E-08	3.09E-09
5529	489187.66, 3859523.74	4.64E-05	1.46E-08	4.26E-09	4.58E-05	1.44E-08	4.20E-09	4.44E-05	1.40E-08	4.08E-09
5530	489232.59, 3859522.85	1.05E-04	3.31E-08	9.64E-09	1.04E-04	3.27E-08	9.52E-09	1.01E-04	3.18E-08	9.24E-09
5531	489224.98, 3859759.91	1.70E-05	5.36E-09	1.56E-09	1.68E-05	5.29E-09	1.54E-09	1.63E-05	5.14E-09	1.49E-09
5532	488401.39, 3859763.34	3.45E-06	1.09E-09	3.17E-10	3.41E-06	1.08E-09	3.13E-10	3.31E-06	1.04E-09	3.04E-10
5533	488405.51, 3859966.16	2.90E-06	9.15E-10	2.66E-10	2.86E-06	9.03E-10	2.63E-10	2.78E-06	8.77E-10	2.55E-10
5534	489202.85, 3859956.57	7.51E-06	2.37E-09	6.89E-10	7.41E-06	2.34E-09	6.80E-10	7.20E-06	2.27E-09	6.61E-10
5535	489191.9, 3860676.74	8.19E-06	2.58E-09	7.52E-10	8.08E-06	2.55E-09	7.42E-10	7.85E-06	2.48E-09	7.20E-10
5536	488392.82, 3860687.88	1.82E-06	5.74E-10	1.67E-10	1.80E-06	5.67E-10	1.65E-10	1.74E-06	5.50E-10	1.60E-10
5537	488392.82, 3860760.27	1.76E-06	5.56E-10	1.62E-10	1.74E-06	5.48E-10	1.60E-10	1.69E-06	5.33E-10	1.55E-10
5538	487549.05, 3860777.45	1.28E-06	4.04E-10	1.18E-10	1.26E-06	3.99E-10	1.16E-10	1.23E-06	3.87E-10	1.13E-10
5539	487554.62, 3859571.83	2.43E-06	7.66E-10	2.23E-10	2.39E-06	7.56E-10	2.20E-10	2.32E-06	7.34E-10	2.13E-10
5540	485949.46, 3859558.54	1.10E-06	3.49E-10	1.01E-10	1.09E-06	3.44E-10	1.00E-10	1.06E-06	3.34E-10	9.72E-11
5541	485947.55, 3857943.61	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
5542	484738.38, 3857940.21	7.32E-07	2.31E-10	6.72E-11	7.23E-07	2.28E-10	6.64E-11	7.02E-07	2.22E-10	6.44E-11
5543	484737.06, 3857535.68	7.10E-07	2.24E-10	6.52E-11	7.01E-07	2.21E-10	6.43E-11	6.80E-07	2.15E-10	6.25E-11
5544	483730.2, 3857530.13	5.36E-07	1.69E-10	4.92E-11	5.29E-07	1.67E-10	4.85E-11	5.13E-07	1.62E-10	4.71E-11
5545	483727.27, 3857130.01	5.18E-07	1.64E-10	4.76E-11	5.12E-07	1.61E-10	4.70E-11	4.97E-07	1.57E-10	4.56E-11
5546	483124.42, 3857123.45	4.54E-07	1.43E-10	4.17E-11	4.48E-07	1.42E-10	4.12E-11	4.35E-07	1.37E-10	4.00E-11
5547	483111.13, 3855921.03	3.54E-07	1.12E-10	3.25E-11	3.49E-07	1.10E-10	3.21E-11	3.39E-07	1.07E-10	3.12E-11
5548	482701.73, 3855918.24	3.32E-07	1.05E-10	3.05E-11	3.28E-07	1.03E-10	3.01E-11	3.18E-07	1.00E-10	2.92E-11
5549	482668.02, 3853521.78	2.06E-07	6.51E-11	1.89E-11	2.03E-07	6.42E-11	1.87E-11	1.98E-07	6.24E-11	1.81E-11
5550	482579.91, 3853219.19	1.94E-07	6.12E-11	1.78E-11	1.91E-07	6.04E-11	1.76E-11	1.86E-07	5.87E-11	1.71E-11
5551	482434.06, 3852961.94	1.84E-07	5.82E-11	1.69E-11	1.82E-07	5.74E-11	1.67E-11	1.77E-07	5.57E-11	1.62E-11
5552	482332.11, 3852832.85	1.80E-07	5.67E-11	1.65E-11	1.77E-07	5.60E-11	1.63E-11	1.72E-07	5.44E-11	1.58E-11
5553	481334.99, 3851818.96	1.43E-07	4.52E-11	1.32E-11	1.41E-07	4.46E-11	1.30E-11	1.37E-07	4.33E-11	1.26E-11
5554	481127.62, 3851646.36	1.37E-07	4.34E-11	1.26E-11	1.36E-07	4.28E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5555	481025.04, 3851591.73	1.35E-07	4.25E-11	1.24E-11	1.33E-07	4.19E-11	1.22E-11	1.29E-07	4.07E-11	1.18E-11
5556	480513.6, 3851335.76	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.10E-11	1.17E-07	3.69E-11	1.07E-11
5557	480523.56, 3851317.66	1.22E-07	3.85E-11	1.12E-11	1.20E-07	3.80E-11	1.11E-11	1.17E-07	3.69E-11	1.07E-11
5558	476921.56, 3849569.11	8.15E-08	2.57E-11	7.48E-12	8.04E-08	2.54E-11	7.38E-12	7.81E-08	2.46E-11	7.17E-12
5559	476521.19, 3849373.96	7.74E-08	2.44E-11	7.11E-12	7.64E-08	2.41E-11	7.02E-12	7.42E-08	2.34E-11	6.81E-12
5560	476391.45, 3849333.38	7.68E-08	2.42E-11	7.05E-12	7.58E-08	2.39E-11	6.96E-12	7.36E-08	2.32E-11	6.76E-12
5561	476219.41, 3849304.29	7.61E-08	2.40E-11	6.99E-12	7.51E-08	2.37E-11	6.90E-12	7.30E-08	2.30E-11	6.70E-12
5562	475679.11, 3849218.47	7.29E-08	2.30E-11	6.69E-12	7.19E-08	2.27E-11	6.60E-12	6.98E-08	2.20E-11	6.41E-12
5563	475677.71, 3849233.88	7.33E-08	2.31E-11	6.73E-12	7.23E-08	2.28E-11	6.64E-12	7.02E-08	2.22E-11	6.45E-12
5564	475492.74, 3849204.66	6.62E-08	2.09E-11	6.08E-12	6.54E-08	2.06E-11	6.00E-12	6.35E-08	2.00E-11	5.83E-12
5565	475497.64, 3849158.75	6.82E-08	2.15E-11	6.26E-12	6.73E-08	2.12E-11	6.18E-12	6.54E-08	2.06E-11	6.00E-12
5566	475391.35, 3849141.94	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
5567	475277, 3849095.47	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
5568	475183.93, 3849025.66	6.87E-08	2.17E-11	6.31E-12	6.78E-08	2.14E-11	6.23E-12	6.59E-08	2.08E-11	6.05E-12
5569	474453.23, 3848378.77	6.29E-08	1.98E-11	5.77E-12	6.20E-08	1.96E-11	5.70E-12	6.02E-08	1.90E-11	5.53E-12
5570	474569.63, 3848399.34	6.25E-08	1.97E-11	5.73E-12	6.16E-08	1.95E-11	5.66E-12	5.99E-08	1.89E-11	5.50E-12
5571	474644.33, 3848464.52	6.32E-08	2.00E-11	5.81E-12	6.24E-08	1.97E-11	5.73E-12	6.06E-08	1.91E-11	5.56E-12
5572	474719.04, 3848529.7	6.39E-08	2.02E-11	5.87E-12	6.31E-08	1.99E-11	5.79E-12	6.12E-08	1.93E-11	5.62E-12
5573	474793.74, 3848594.88	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
5574	474868.45, 3848660.07	6.40E-08	2.02E-11	5.88E-12	6.32E-08	1.99E-11	5.80E-12	6.14E-08	1.94E-11	5.63E-12
5575	474943.15, 3848725.25	6.43E-08	2.03E-11	5.90E-12	6.34E-08	2.00E-11	5.82E-12	6.16E-08	1.94E-11	5.66E-12
5576	475017.86, 3848790.43	6.52E-08	2.06E-11	5.99E-12	6.43E-08	2.03E-11	5.91E-12	6.25E-08	1.97E-11	5.74E-12
5577	475092.56, 3848855.61	6.62E-08	2.09E-11	6.08E-12	6.54E-08	2.06E-11	6.00E-12	6.35E-08	2.00E-11	5.83E-12
5578	475232.58, 3848959.38	6.78E-08	2.14E-11	6.22E-12	6.69E-08	2.11E-11	6.14E-12	6.50E-08	2.05E-11	5.97E-12
5579	475368.47, 3849029.98	6.83E-08	2.16E-11	6.27E-12	6.74E-08	2.13E-11	6.19E-12	6.55E-08	2.07E-11	6.01E-12
5580	475609.57, 3849096.09	6.86E-08	2.16E-11	6.30E-12	6.77E-08	2.14E-11	6.21E-12	6.57E-08	2.07E-11	6.03E-12
5581	475680.68, 3849116.62	7.00E-08	2.21E-11	6.43E-12	6.91E-08	2.18E-11	6.34E-12	6.71E-08	2.12E-11	6.16E-12
5582	475843.76, 3849151.52	7.17E-08	2.26E-11	6.58E-12	7.08E-08	2.23E-11	6.50E-12	6.87E-08	2.17E-11	6.31E-12
5583	475935.73, 3849165.89	7.31E-08	2.31E-11	6.71E-12	7.22E-08	2.28E-11	6.63E-12	7.01E-08	2.21E-11	6.43E-12
5584	476027.71, 3849180.27	7.43E-08	2.35E-11	6.82E-12	7.33E-08	2.31E-11	6.73E-12	7.12E-08	2.25E-11	6.54E-12
5585	476119.68, 3849194.64	7.35E-08	2.32E-11	6.75E-12	7.26E-08	2.29E-11	6.66E-12	7.05E-08	2.22E-11	6.47E-12

5586	476211.65, 3849209.01	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
5587	476497.81, 3849283.9	7.52E-08	2.37E-11	6.91E-12	7.42E-08	2.34E-11	6.82E-12	7.21E-08	2.28E-11	6.62E-12
5588	476603.73, 3849323.77	7.63E-08	2.41E-11	7.00E-12	7.53E-08	2.38E-11	6.91E-12	7.31E-08	2.31E-11	6.71E-12
5589	476728.99, 3849382.76	7.74E-08	2.44E-11	7.11E-12	7.64E-08	2.41E-11	7.02E-12	7.42E-08	2.34E-11	6.81E-12
5590	476801.27, 3849418.65	7.82E-08	2.47E-11	7.18E-12	7.72E-08	2.44E-11	7.09E-12	7.50E-08	2.37E-11	6.88E-12
5591	476956.2, 3849495.05	7.98E-08	2.52E-11	7.32E-12	7.87E-08	2.48E-11	7.23E-12	7.65E-08	2.41E-11	7.02E-12
5592	477038.84, 3849535.56	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
5593	477121.49, 3849576.08	8.11E-08	2.56E-11	7.44E-12	8.00E-08	2.53E-11	7.35E-12	7.77E-08	2.45E-11	7.13E-12
5594	477204.13, 3849616.6	8.15E-08	2.57E-11	7.48E-12	8.04E-08	2.54E-11	7.38E-12	7.81E-08	2.46E-11	7.17E-12
5595	477286.78, 3849657.12	8.11E-08	2.56E-11	7.44E-12	8.00E-08	2.53E-11	7.35E-12	7.77E-08	2.45E-11	7.13E-12
5596	477369.42, 3849697.63	8.29E-08	2.62E-11	7.61E-12	8.18E-08	2.58E-11	7.51E-12	7.94E-08	2.51E-11	7.29E-12
5597	477452.07, 3849738.15	8.34E-08	2.63E-11	7.66E-12	8.23E-08	2.60E-11	7.56E-12	7.99E-08	2.52E-11	7.34E-12
5598	477534.71, 3849778.67	8.47E-08	2.67E-11	7.78E-12	8.36E-08	2.64E-11	7.68E-12	8.12E-08	2.56E-11	7.45E-12
5599	477617.36, 3849819.18	8.52E-08	2.69E-11	7.83E-12	8.41E-08	2.66E-11	7.72E-12	8.17E-08	2.58E-11	7.50E-12
5600	477824.74, 3849896.37	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
5601	477906.31, 3849936.37	8.63E-08	2.72E-11	7.92E-12	8.52E-08	2.69E-11	7.82E-12	8.27E-08	2.61E-11	7.59E-12
5602	477987.89, 3849976.36	8.72E-08	2.75E-11	8.00E-12	8.61E-08	2.72E-11	7.90E-12	8.36E-08	2.64E-11	7.67E-12
5603	478069.47, 3850016.36	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
5604	478151.04, 3850056.35	8.69E-08	2.74E-11	7.98E-12	8.58E-08	2.71E-11	7.88E-12	8.33E-08	2.63E-11	7.65E-12
5605	478232.62, 3850096.35	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
5606	478314.2, 3850136.34	8.85E-08	2.79E-11	8.12E-12	8.73E-08	2.76E-11	8.02E-12	8.48E-08	2.68E-11	7.79E-12
5607	478395.77, 3850176.34	8.93E-08	2.82E-11	8.20E-12	8.81E-08	2.78E-11	8.09E-12	8.56E-08	2.70E-11	7.85E-12
5608	478575.43, 3850244.45	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
5609	478665.06, 3850287.29	9.19E-08	2.90E-11	8.43E-12	9.07E-08	2.86E-11	8.32E-12	8.81E-08	2.78E-11	8.08E-12
5610	478754.69, 3850330.14	9.30E-08	2.94E-11	8.54E-12	9.18E-08	2.90E-11	8.43E-12	8.92E-08	2.81E-11	8.19E-12
5611	478844.32, 3850372.99	9.43E-08	2.98E-11	8.66E-12	9.31E-08	2.94E-11	8.55E-12	9.04E-08	2.85E-11	8.30E-12
5612	478933.95, 3850415.84	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
5613	479023.58, 3850458.68	9.64E-08	3.04E-11	8.85E-12	9.52E-08	3.00E-11	8.74E-12	9.24E-08	2.92E-11	8.48E-12
5614	479110.66, 3850441.91	9.70E-08	3.06E-11	8.90E-12	9.57E-08	3.02E-11	8.78E-12	9.29E-08	2.93E-11	8.53E-12
5615	479191.22, 3850423.99	9.72E-08	3.07E-11	8.92E-12	9.59E-08	3.03E-11	8.81E-12	9.32E-08	2.94E-11	8.55E-12
5616	479274.32, 3850465.71	9.81E-08	3.10E-11	9.01E-12	9.68E-08	3.06E-11	8.89E-12	9.40E-08	2.97E-11	8.63E-12
5617	479357.43, 3850507.42	9.86E-08	3.11E-11	9.06E-12	9.74E-08	3.07E-11	8.94E-12	9.45E-08	2.98E-11	8.68E-12
5618	479440.53, 3850549.14	9.90E-08	3.13E-11	9.09E-12	9.77E-08	3.08E-11	8.97E-12	9.49E-08	3.00E-11	8.71E-12
5619	479523.64, 3850590.85	9.98E-08	3.15E-11	9.16E-12	9.85E-08	3.11E-11	9.04E-12	9.57E-08	3.02E-11	8.78E-12
5620	479606.74, 3850632.57	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
5621	479777.37, 3850707.61	1.03E-07	3.24E-11	9.44E-12	1.01E-07	3.20E-11	9.31E-12	9.85E-08	3.11E-11	9.05E-12
5622	479864.9, 3850740.95	1.04E-07	3.29E-11	9.57E-12	1.03E-07	3.25E-11	9.44E-12	9.99E-08	3.15E-11	9.17E-12
5623	479931.87, 3850829.57	1.06E-07	3.35E-11	9.75E-12	1.05E-07	3.31E-11	9.62E-12	1.02E-07	3.21E-11	9.34E-12
5624	479995.55, 3850926.75	1.09E-07	3.43E-11	9.99E-12	1.07E-07	3.39E-11	9.86E-12	1.04E-07	3.29E-11	9.57E-12
5625	480079.78, 3850968.64	1.11E-07	3.50E-11	1.02E-11	1.09E-07	3.45E-11	1.00E-11	1.06E-07	3.35E-11	9.74E-12
5626	480164.01, 3851010.54	1.13E-07	3.56E-11	1.04E-11	1.11E-07	3.51E-11	1.02E-11	1.08E-07	3.41E-11	9.93E-12
5627	480248.23, 3851052.43	1.15E-07	3.63E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
5628	480332.46, 3851094.33	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.64E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
5629	480416.69, 3851136.22	1.18E-07	3.73E-11	1.08E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.57E-11	1.04E-11
5630	480579.95, 3851215.17	1.22E-07	3.84E-11	1.12E-11	1.20E-07	3.79E-11	1.10E-11	1.16E-07	3.68E-11	1.07E-11
5631	480658.98, 3851252.22	1.23E-07	3.90E-11	1.13E-11	1.22E-07	3.85E-11	1.12E-11	1.18E-07	3.74E-11	1.09E-11
5632	480817.36, 3851327.85	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.97E-11	1.16E-11	1.22E-07	3.86E-11	1.12E-11
5633	480896.72, 3851366.43	1.30E-07	4.09E-11	1.19E-11	1.28E-07	4.04E-11	1.17E-11	1.24E-07	3.92E-11	1.14E-11
5634	480976.07, 3851405	1.32E-07	4.16E-11	1.21E-11	1.30E-07	4.11E-11	1.19E-11	1.26E-07	3.99E-11	1.16E-11
5635	481178, 3851487.31	1.38E-07	4.35E-11	1.26E-11	1.36E-07	4.29E-11	1.25E-11	1.32E-07	4.16E-11	1.21E-11
5636	481244.9, 3851557.17	1.40E-07	4.41E-11	1.28E-11	1.38E-07	4.35E-11	1.27E-11	1.34E-07	4.23E-11	1.23E-11
5637	481311.81, 3851627.03	1.42E-07	4.47E-11	1.30E-11	1.40E-07	4.41E-11	1.28E-11	1.36E-07	4.29E-11	1.25E-11
5638	481378.71, 3851696.89	1.44E-07	4.53E-11	1.32E-11	1.42E-07	4.47E-11	1.30E-11	1.38E-07	4.34E-11	1.26E-11
5639	481445.61, 3851766.76	1.46E-07	4.60E-11	1.34E-11	1.44E-07	4.54E-11	1.32E-11	1.40E-07	4.40E-11	1.28E-11
5640	481512.51, 3851836.62	1.47E-07	4.65E-11	1.35E-11	1.46E-07	4.59E-11	1.34E-11	1.41E-07	4.46E-11	1.30E-11
5641	481579.42, 3851906.48	1.49E-07	4.71E-11	1.37E-11	1.47E-07	4.65E-11	1.35E-11	1.43E-07	4.52E-11	1.31E-11
5642	481646.32, 3851976.34	1.51E-07	4.77E-11	1.39E-11	1.49E-07	4.71E-11	1.37E-11	1.45E-07	4.57E-11	1.33E-11
5643	481713.22, 3852046.2	1.53E-07	4.82E-11	1.40E-11	1.51E-07	4.75E-11	1.38E-11	1.46E-07	4.62E-11	1.34E-11
5644	481780.12, 3852116.06	1.55E-07	4.89E-11	1.42E-11	1.53E-07	4.83E-11	1.40E-11	1.49E-07	4.69E-11	1.36E-11
5645	481847.03, 3852185.92	1.58E-07	4.98E-11	1.45E-11	1.56E-07	4.92E-11	1.43E-11	1.51E-07	4.77E-11	1.39E-11
5646	481913.93, 3852255.78	1.61E-07	5.08E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.87E-11	1.42E-11
5647	481980.83, 3852325.65	1.64E-07	5.18E-11	1.51E-11	1.62E-07	5.12E-11	1.49E-11	1.57E-07	4.97E-11	1.44E-11
5648	482047.73, 3852395.51	1.67E-07	5.27E-11	1.53E-11	1.65E-07	5.20E-11	1.51E-11	1.60E-07	5.05E-11	1.47E-11
5649	482114.64, 3852465.37	1.70E-07	5.37E-11	1.56E-11	1.68E-07	5.30E-11	1.54E-11	1.63E-07	5.15E-11	1.50E-11
5650	482181.54, 3852535.23	1.73E-07	5.45E-11	1.59E-11	1.70E-07	5.38E-11	1.56E-11	1.66E-07	5.22E-11	1.52E-11
5651	482338.69, 3852700.05	1.79E-07	5.66E-11	1.65E-11	1.77E-07	5.59E-11	1.62E-11	1.72E-07	5.42E-11	1.58E-11
5652	482404.05, 3852767.78	1.82E-07	5.75E-11	1.67E-11	1.80E-07	5.68E-11	1.65E-11	1.75E-07	5.51E-11	1.60E-11
5653	482469.4, 3852835.52	1.85E-07	5.84E-11	1.70E-11	1.83E-07	5.76E-11	1.68E-11	1.77E-07	5.60E-11	1.63E-11
5654	482534.75, 3852903.25	1.88E-07	5.92E-11	1.72E-11	1.85E-07	5.85E-11	1.70E-11	1.80E-07	5.68E-11	1.65E-11

5655	482600.11, 3852970.99	1.91E-07	6.02E-11	1.75E-11	1.88E-07	5.94E-11	1.73E-11	1.83E-07	5.77E-11	1.68E-11
5656	482706.71, 3853119.28	1.95E-07	6.16E-11	1.79E-11	1.93E-07	6.08E-11	1.77E-11	1.87E-07	5.90E-11	1.72E-11
5657	482747.96, 3853199.84	1.98E-07	6.24E-11	1.82E-11	1.95E-07	6.16E-11	1.79E-11	1.90E-07	5.98E-11	1.74E-11
5658	482789.21, 3853280.4	2.01E-07	6.34E-11	1.84E-11	1.98E-07	6.26E-11	1.82E-11	1.93E-07	6.08E-11	1.77E-11
5659	482830.46, 3853360.96	2.04E-07	6.44E-11	1.87E-11	2.01E-07	6.35E-11	1.85E-11	1.95E-07	6.17E-11	1.79E-11
5660	482871.71, 3853441.52	2.07E-07	6.53E-11	1.90E-11	2.04E-07	6.45E-11	1.88E-11	1.98E-07	6.26E-11	1.82E-11
5661	482912.95, 3853522.07	2.09E-07	6.61E-11	1.92E-11	2.07E-07	6.52E-11	1.90E-11	2.01E-07	6.33E-11	1.84E-11
5662	482954.2, 3853602.63	2.12E-07	6.69E-11	1.95E-11	2.09E-07	6.60E-11	1.92E-11	2.03E-07	6.41E-11	1.87E-11
5663	482995.45, 3853683.19	2.15E-07	6.78E-11	1.97E-11	2.12E-07	6.69E-11	1.95E-11	2.06E-07	6.50E-11	1.89E-11
5664	483036.7, 3853763.75	2.18E-07	6.88E-11	2.00E-11	2.15E-07	6.79E-11	1.98E-11	2.09E-07	6.60E-11	1.92E-11
5665	483214.2, 3853909.91	2.22E-07	7.01E-11	2.04E-11	2.19E-07	6.92E-11	2.01E-11	2.13E-07	6.72E-11	1.95E-11
5666	483307.01, 3853910.44	2.24E-07	7.08E-11	2.06E-11	2.21E-07	6.99E-11	2.03E-11	2.15E-07	6.79E-11	1.97E-11
5667	483399.83, 3853910.96	2.27E-07	7.15E-11	2.08E-11	2.24E-07	7.06E-11	2.05E-11	2.17E-07	6.85E-11	1.99E-11
5668	483494.52, 3854009.24	2.33E-07	7.36E-11	2.14E-11	2.30E-07	7.27E-11	2.11E-11	2.24E-07	7.06E-11	2.05E-11
5669	483496.41, 3854106.98	2.38E-07	7.51E-11	2.18E-11	2.35E-07	7.41E-11	2.16E-11	2.28E-07	7.20E-11	2.09E-11
5670	483577.56, 3854261.96	2.43E-07	7.68E-11	2.24E-11	2.40E-07	7.58E-11	2.21E-11	2.33E-07	7.37E-11	2.14E-11
5671	483656.83, 3854319.19	2.45E-07	7.72E-11	2.24E-11	2.41E-07	7.62E-11	2.22E-11	2.34E-07	7.40E-11	2.15E-11
5672	483736.1, 3854376.41	2.44E-07	7.71E-11	2.24E-11	2.41E-07	7.61E-11	2.21E-11	2.34E-07	7.39E-11	2.15E-11
5673	483815.37, 3854433.64	2.43E-07	7.68E-11	2.24E-11	2.40E-07	7.58E-11	2.21E-11	2.33E-07	7.37E-11	2.14E-11
5674	483894.63, 3854490.87	2.42E-07	7.64E-11	2.22E-11	2.39E-07	7.54E-11	2.19E-11	2.32E-07	7.32E-11	2.13E-11
5675	483973.9, 3854548.1	2.40E-07	7.58E-11	2.20E-11	2.37E-07	7.48E-11	2.18E-11	2.30E-07	7.26E-11	2.11E-11
5676	484053.17, 3854605.32	2.40E-07	7.59E-11	2.21E-11	2.37E-07	7.49E-11	2.18E-11	2.30E-07	7.27E-11	2.11E-11
5677	484214.97, 3854698.15	2.45E-07	7.72E-11	2.24E-11	2.41E-07	7.62E-11	2.22E-11	2.34E-07	7.40E-11	2.15E-11
5678	484297.5, 3854733.74	2.51E-07	7.94E-11	2.31E-11	2.48E-07	7.83E-11	2.28E-11	2.41E-07	7.61E-11	2.21E-11
5679	484380.03, 3854769.34	2.55E-07	8.03E-11	2.34E-11	2.51E-07	7.93E-11	2.31E-11	2.44E-07	7.70E-11	2.24E-11
5680	484462.56, 3854804.94	2.61E-07	8.25E-11	2.40E-11	2.58E-07	8.14E-11	2.37E-11	2.51E-07	7.91E-11	2.30E-11
5681	484545.09, 3854840.53	2.65E-07	8.35E-11	2.43E-11	2.61E-07	8.24E-11	2.40E-11	2.54E-07	8.00E-11	2.33E-11
5682	484691.88, 3854912.59	2.85E-07	8.99E-11	2.61E-11	2.81E-07	8.87E-11	2.58E-11	2.73E-07	8.61E-11	2.51E-11
5683	484830.81, 3855012.51	3.08E-07	9.71E-11	2.82E-11	3.04E-07	9.58E-11	2.79E-11	2.95E-07	9.31E-11	2.71E-11
5684	484905.48, 3855075.97	3.26E-07	1.03E-10	2.99E-11	3.22E-07	1.02E-10	2.95E-11	3.12E-07	9.86E-11	2.87E-11
5685	484980.14, 3855139.44	3.41E-07	1.08E-10	3.13E-11	3.37E-07	1.06E-10	3.09E-11	3.27E-07	1.03E-10	3.00E-11
5686	485054.81, 3855202.91	3.53E-07	1.11E-10	3.24E-11	3.48E-07	1.10E-10	3.20E-11	3.38E-07	1.07E-10	3.10E-11
5687	485129.48, 3855266.37	3.59E-07	1.13E-10	3.30E-11	3.54E-07	1.12E-10	3.25E-11	3.44E-07	1.09E-10	3.16E-11
5688	485204.15, 3855329.84	3.77E-07	1.19E-10	3.46E-11	3.72E-07	1.17E-10	3.42E-11	3.61E-07	1.14E-10	3.32E-11
5689	485278.82, 3855393.31	3.89E-07	1.23E-10	3.57E-11	3.84E-07	1.21E-10	3.53E-11	3.73E-07	1.18E-10	3.42E-11
5690	485353.48, 3855456.77	4.05E-07	1.28E-10	3.72E-11	4.00E-07	1.26E-10	3.67E-11	3.89E-07	1.23E-10	3.57E-11
5691	485428.15, 3855520.24	4.18E-07	1.32E-10	3.84E-11	4.13E-07	1.30E-10	3.79E-11	4.01E-07	1.27E-10	3.68E-11
5692	485502.82, 3855583.71	4.33E-07	1.37E-10	3.97E-11	4.27E-07	1.35E-10	3.92E-11	4.15E-07	1.31E-10	3.81E-11
5693	485577.49, 3855647.17	4.54E-07	1.43E-10	4.17E-11	4.48E-07	1.41E-10	4.12E-11	4.35E-07	1.37E-10	4.00E-11
5694	485652.16, 3855710.64	4.76E-07	1.50E-10	4.37E-11	4.70E-07	1.48E-10	4.31E-11	4.56E-07	1.44E-10	4.19E-11
5695	485726.83, 3855774.11	4.93E-07	1.56E-10	4.53E-11	4.87E-07	1.54E-10	4.47E-11	4.73E-07	1.49E-10	4.34E-11
5696	485801.49, 3855837.57	5.08E-07	1.60E-10	4.66E-11	5.01E-07	1.58E-10	4.60E-11	4.87E-07	1.54E-10	4.47E-11
5697	485876.16, 3855901.04	5.26E-07	1.66E-10	4.83E-11	5.19E-07	1.64E-10	4.77E-11	5.04E-07	1.59E-10	4.63E-11
5698	485950.83, 3855964.5	5.43E-07	1.71E-10	4.98E-11	5.36E-07	1.69E-10	4.92E-11	5.20E-07	1.64E-10	4.78E-11
5699	486025.5, 3856027.97	5.56E-07	1.75E-10	5.10E-11	5.49E-07	1.73E-10	5.04E-11	5.33E-07	1.68E-10	4.89E-11
5700	486100.17, 3856091.44	5.89E-07	1.86E-10	5.41E-11	5.81E-07	1.83E-10	5.34E-11	5.64E-07	1.78E-10	5.18E-11
5701	486174.83, 3856154.9	6.01E-07	1.90E-10	5.52E-11	5.93E-07	1.87E-10	5.45E-11	5.76E-07	1.82E-10	5.29E-11
5702	486249.5, 3856218.37	5.99E-07	1.89E-10	5.50E-11	5.91E-07	1.87E-10	5.43E-11	5.74E-07	1.81E-10	5.27E-11
5703	486324.17, 3856281.84	6.00E-07	1.89E-10	5.51E-11	5.92E-07	1.87E-10	5.44E-11	5.75E-07	1.82E-10	5.28E-11
5704	486398.84, 3856345.3	6.29E-07	1.99E-10	5.78E-11	6.21E-07	1.96E-10	5.70E-11	6.03E-07	1.90E-10	5.54E-11
5705	486473.51, 3856408.77	6.53E-07	2.06E-10	6.00E-11	6.45E-07	2.04E-10	5.92E-11	6.26E-07	1.98E-10	5.75E-11
5706	486548.17, 3856472.24	6.89E-07	2.17E-10	6.32E-11	6.80E-07	2.15E-10	6.24E-11	6.60E-07	2.08E-10	6.06E-11
5707	486622.84, 3856535.7	7.29E-07	2.30E-10	6.69E-11	7.19E-07	2.27E-10	6.60E-11	6.98E-07	2.20E-10	6.41E-11
5708	486765.48, 3856659.69	8.24E-07	2.60E-10	7.56E-11	8.13E-07	2.57E-10	7.46E-11	7.90E-07	2.49E-10	7.25E-11
5709	486833.44, 3856720.2	8.71E-07	2.75E-10	7.99E-11	8.59E-07	2.71E-10	7.89E-11	8.35E-07	2.63E-10	7.66E-11
5710	486901.41, 3856780.72	9.28E-07	2.93E-10	8.52E-11	9.15E-07	2.89E-10	8.40E-11	8.89E-07	2.81E-10	8.16E-11
5711	486969.38, 3856841.24	9.86E-07	3.11E-10	9.05E-11	9.73E-07	3.07E-10	8.93E-11	9.45E-07	2.98E-10	8.67E-11
5712	487037.34, 3856901.75	1.05E-06	3.31E-10	9.62E-11	1.03E-06	3.26E-10	9.50E-11	1.00E-06	3.17E-10	9.22E-11
5713	487271.23, 3856855.51	1.12E-06	3.52E-10	1.02E-10	1.10E-06	3.47E-10	1.01E-10	1.07E-06	3.37E-10	9.81E-11
5714	487368.96, 3856857.29	1.12E-06	3.52E-10	1.02E-10	1.10E-06	3.48E-10	1.01E-10	1.07E-06	3.38E-10	9.82E-11
5715	487466.68, 3856859.06	1.13E-06	3.55E-10	1.03E-10	1.11E-06	3.51E-10	1.02E-10	1.08E-06	3.40E-10	9.90E-11
5716	487636.44, 3856930	1.22E-06	3.86E-10	1.12E-10	1.21E-06	3.81E-10	1.11E-10	1.17E-06	3.70E-10	1.08E-10
5717	487709.57, 3856928.43	1.25E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.77E-10	1.10E-10
5718	487782.55, 3856841.96	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
5719	487849.83, 3856754.74	1.12E-06	3.54E-10	1.03E-10	1.11E-06	3.49E-10	1.02E-10	1.07E-06	3.39E-10	9.86E-11
5720	487918.03, 3856819.39	1.21E-06	3.80E-10	1.11E-10	1.19E-06	3.75E-10	1.09E-10	1.16E-06	3.65E-10	1.06E-10
5721	487918.8, 3856886.37	1.27E-06	4.01E-10	1.17E-10	1.26E-06	3.96E-10	1.15E-10	1.22E-06	3.85E-10	1.12E-10
5722	488065.47, 3857127.51	1.60E-06	5.05E-10	1.47E-10	1.58E-06	4.99E-10	1.45E-10	1.53E-06	4.84E-10	1.41E-10
5723	488192.19, 3857385.84	2.20E-06	6.94E-10	2.02E-10	2.17E-06	6.85E-10	1.99E-10	2.11E-06	6.65E-10	1.93E-10

5724	488191.22, 3857473.87	2.48E-06	7.82E-10	2.27E-10	2.44E-06	7.72E-10	2.24E-10	2.37E-06	7.49E-10	2.18E-10
5725	488190.24, 3857561.91	2.85E-06	8.98E-10	2.61E-10	2.81E-06	8.86E-10	2.58E-10	2.73E-06	8.61E-10	2.50E-10
5726	488158.35, 3857691.13	3.61E-06	1.14E-09	3.32E-10	3.57E-06	1.13E-09	3.27E-10	3.46E-06	1.09E-09	3.18E-10
5727	488208.37, 3857816.66	5.07E-06	1.60E-09	4.65E-10	5.00E-06	1.58E-09	4.59E-10	4.86E-06	1.53E-09	4.46E-10
5728	488271.97, 3857874.6	6.30E-06	1.99E-09	5.78E-10	6.22E-06	1.96E-09	5.71E-10	6.04E-06	1.91E-09	5.54E-10
5729	488463.56, 3857942.31	1.00E-05	3.17E-09	9.21E-10	9.90E-06	3.12E-09	9.09E-10	9.61E-06	3.03E-09	8.83E-10
5730	488554.83, 3857940.83	1.09E-05	3.45E-09	1.00E-09	1.08E-05	3.40E-09	9.90E-10	1.05E-05	3.30E-09	9.61E-10
5731	488646.1, 3857939.36	1.13E-05	3.58E-09	1.04E-09	1.12E-05	3.53E-09	1.03E-09	1.09E-05	3.43E-09	9.97E-10
5732	488737.37, 3857937.88	1.13E-05	3.58E-09	1.04E-09	1.12E-05	3.53E-09	1.03E-09	1.09E-05	3.43E-09	9.98E-10
5733	488733.59, 3857960.57	1.29E-05	4.08E-09	1.19E-09	1.27E-05	4.02E-09	1.17E-09	1.24E-05	3.91E-09	1.14E-09
5734	488638.09, 3857961.57	1.32E-05	4.17E-09	1.21E-09	1.30E-05	4.11E-09	1.20E-09	1.26E-05	3.99E-09	1.16E-09
5735	488542.6, 3857962.56	1.30E-05	4.11E-09	1.19E-09	1.28E-05	4.05E-09	1.18E-09	1.25E-05	3.94E-09	1.14E-09
5736	488447.1, 3857963.56	1.19E-05	3.76E-09	1.09E-09	1.18E-05	3.72E-09	1.08E-09	1.14E-05	3.61E-09	1.05E-09
5737	488254.28, 3857890.36	6.77E-06	2.14E-09	6.22E-10	6.68E-06	2.11E-09	6.14E-10	6.49E-06	2.05E-09	5.96E-10
5738	488191.69, 3857833.06	5.35E-06	1.69E-09	4.91E-10	5.28E-06	1.67E-09	4.85E-10	5.13E-06	1.62E-09	4.71E-10
5739	488129.5, 3857907.43	7.07E-06	2.23E-09	6.49E-10	6.98E-06	2.20E-09	6.41E-10	6.78E-06	2.14E-09	6.22E-10
5740	488196.47, 3857968.74	1.08E-05	3.40E-09	9.88E-10	1.06E-05	3.35E-09	9.75E-10	1.03E-05	3.26E-09	9.47E-10
5741	488263.44, 3858030.04	2.42E-05	7.64E-09	2.22E-09	2.39E-05	7.54E-09	2.19E-09	2.32E-05	7.33E-09	2.13E-09
5742	488400.64, 3858132.9	1.30E-04	4.12E-08	1.20E-08	1.29E-04	4.06E-08	1.18E-08	1.25E-04	3.95E-08	1.15E-08
5743	488519.89, 3858218.38	9.89E-05	3.12E-08	9.08E-09	9.76E-05	3.08E-08	8.96E-09	9.48E-05	2.99E-08	8.70E-09
5744	488647.97, 3858214.99	5.02E-05	1.58E-08	4.61E-09	4.95E-05	1.56E-08	4.55E-09	4.81E-05	1.52E-08	4.42E-09
5745	488727.05, 3858167.67	3.39E-05	1.07E-08	3.12E-09	3.35E-05	1.06E-08	3.08E-09	3.25E-05	1.03E-08	2.99E-09
5746	488806.12, 3858120.35	2.49E-05	7.86E-09	2.29E-09	2.46E-05	7.76E-09	2.26E-09	2.39E-05	7.54E-09	2.19E-09
5747	488885.2, 3858073.03	1.91E-05	6.04E-09	1.76E-09	1.89E-05	5.96E-09	1.73E-09	1.83E-05	5.79E-09	1.68E-09
5748	489055.76, 3857991.18	1.30E-05	4.09E-09	1.19E-09	1.28E-05	4.04E-09	1.17E-09	1.24E-05	3.92E-09	1.14E-09
5749	489245.39, 3857944.55	1.06E-05	3.34E-09	9.73E-10	1.05E-05	3.30E-09	9.60E-10	1.02E-05	3.21E-09	9.32E-10
5750	489430.63, 3857930.91	9.97E-06	3.15E-09	9.16E-10	9.84E-06	3.11E-09	9.04E-10	9.56E-06	3.02E-09	8.78E-10
5751	489517.74, 3857929.36	9.90E-06	3.12E-09	9.08E-10	9.77E-06	3.08E-09	8.97E-10	9.48E-06	2.99E-09	8.71E-10
5752	489604.86, 3857927.82	9.81E-06	3.10E-09	9.01E-10	9.68E-06	3.06E-09	8.89E-10	9.40E-06	2.97E-09	8.63E-10
5753	489691.97, 3857926.28	9.80E-06	3.09E-09	8.99E-10	9.67E-06	3.05E-09	8.88E-10	9.39E-06	2.96E-09	8.62E-10
5754	489779.08, 3857924.73	9.84E-06	3.11E-09	9.04E-10	9.72E-06	3.07E-09	8.92E-10	9.44E-06	2.98E-09	8.66E-10
5755	490017.55, 3857875.09	8.99E-06	2.84E-09	8.26E-10	8.87E-06	2.80E-09	8.15E-10	8.62E-06	2.72E-09	7.91E-10
5756	490033.82, 3857960.81	1.12E-05	3.54E-09	1.03E-09	1.11E-05	3.50E-09	1.02E-09	1.08E-05	3.40E-09	9.88E-10
5757	489959.15, 3857987.49	1.19E-05	3.76E-09	1.09E-09	1.18E-05	3.71E-09	1.08E-09	1.14E-05	3.61E-09	1.05E-09
5758	489791.49, 3858016.12	1.25E-05	3.93E-09	1.14E-09	1.23E-05	3.88E-09	1.13E-09	1.19E-05	3.77E-09	1.10E-09
5759	489698.51, 3858018.07	1.24E-05	3.92E-09	1.14E-09	1.22E-05	3.86E-09	1.12E-09	1.19E-05	3.75E-09	1.09E-09
5760	489605.52, 3858020.02	1.24E-05	3.92E-09	1.14E-09	1.22E-05	3.86E-09	1.12E-09	1.19E-05	3.75E-09	1.09E-09
5761	489512.53, 3858021.96	1.25E-05	3.96E-09	1.15E-09	1.24E-05	3.91E-09	1.14E-09	1.20E-05	3.79E-09	1.10E-09
5762	489419.55, 3858023.91	1.27E-05	4.02E-09	1.17E-09	1.26E-05	3.97E-09	1.15E-09	1.22E-05	3.85E-09	1.12E-09
5763	489228.47, 3858041.29	1.39E-05	4.38E-09	1.27E-09	1.37E-05	4.32E-09	1.26E-09	1.33E-05	4.20E-09	1.22E-09
5764	489065.75, 3858085.78	1.70E-05	5.37E-09	1.56E-09	1.68E-05	5.30E-09	1.54E-09	1.63E-05	5.14E-09	1.50E-09
5765	489001.12, 3858114.86	1.93E-05	6.09E-09	1.77E-09	1.90E-05	6.01E-09	1.75E-09	1.85E-05	5.83E-09	1.70E-09
5766	488861.89, 3858189.81	2.76E-05	8.73E-09	2.54E-09	2.73E-05	8.61E-09	2.50E-09	2.65E-05	8.36E-09	2.43E-09
5767	488787.29, 3858235.69	3.59E-05	1.13E-08	3.30E-09	3.54E-05	1.12E-08	3.25E-09	3.44E-05	1.09E-08	3.16E-09
5768	488712.68, 3858281.57	5.10E-05	1.61E-08	4.68E-09	5.03E-05	1.59E-08	4.62E-09	4.88E-05	1.54E-08	4.48E-09
5769	488654.39, 3858436.17	8.09E-05	2.55E-08	7.43E-09	7.98E-05	2.52E-08	7.33E-09	7.75E-05	2.45E-08	7.12E-09
5770	488726.31, 3858505.26	7.53E-05	2.38E-08	6.91E-09	7.43E-05	2.35E-08	6.82E-09	7.22E-05	2.28E-08	6.63E-09
5771	488880.6, 3858599.28	1.65E-04	5.19E-08	1.51E-08	1.62E-04	5.13E-08	1.49E-08	1.58E-04	4.98E-08	1.45E-08
5772	489008.06, 3858714.75	1.64E-04	5.18E-08	1.51E-08	1.62E-04	5.12E-08	1.49E-08	1.57E-04	4.97E-08	1.45E-08
5773	489071.48, 3858772.72	1.68E-04	5.29E-08	1.54E-08	1.65E-04	5.22E-08	1.52E-08	1.61E-04	5.07E-08	1.47E-08
5774	489244.6, 3858920.2	1.76E-04	5.55E-08	1.62E-08	1.74E-04	5.48E-08	1.59E-08	1.69E-04	5.32E-08	1.55E-08
5775	489239.69, 3858952.23	1.31E-04	4.15E-08	1.21E-08	1.30E-04	4.10E-08	1.19E-08	1.26E-04	3.98E-08	1.16E-08
5776	489121.67, 3858854.49	9.87E-05	3.12E-08	9.06E-09	9.74E-05	3.08E-08	8.95E-09	9.46E-05	2.99E-08	8.69E-09
5777	489059.59, 3858797.27	7.93E-05	2.50E-08	7.28E-09	7.83E-05	2.47E-08	7.18E-09	7.60E-05	2.40E-08	6.98E-09
5778	488997.52, 3858740.04	7.58E-05	2.39E-08	6.96E-09	7.49E-05	2.36E-08	6.87E-09	7.27E-05	2.29E-08	6.67E-09
5779	488935.44, 3858682.82	8.98E-05	2.83E-08	8.25E-09	8.86E-05	2.80E-08	8.14E-09	8.61E-05	2.72E-08	7.90E-09
5780	488869.17, 3858848.43	2.10E-05	6.63E-09	1.93E-09	2.07E-05	6.54E-09	1.90E-09	2.01E-05	6.35E-09	1.85E-09
5781	488932.48, 3858892.69	2.24E-05	7.08E-09	2.06E-09	2.21E-05	6.99E-09	2.03E-09	2.15E-05	6.79E-09	1.97E-09
5782	489063.27, 3858977.17	2.82E-05	8.90E-09	2.59E-09	2.78E-05	8.78E-09	2.56E-09	2.70E-05	8.53E-09	2.48E-09
5783	489248.2, 3859117.15	9.76E-05	3.08E-08	8.96E-09	9.63E-05	3.04E-08	8.84E-09	9.35E-05	2.95E-08	8.59E-09
5784	489296.25, 3859049.22	7.02E-05	2.21E-08	6.44E-09	6.92E-05	2.19E-08	6.36E-09	6.72E-05	2.12E-08	6.17E-09
5785	489353.38, 3858993.97	5.81E-05	1.83E-08	5.34E-09	5.74E-05	1.81E-08	5.27E-09	5.57E-05	1.76E-08	5.12E-09
5786	489537.25, 3859120.22	3.04E-05	9.60E-09	2.79E-09	3.00E-05	9.48E-09	2.76E-09	2.92E-05	9.20E-09	2.68E-09
5787	489726.98, 3859246.04	2.10E-05	6.62E-09	1.93E-09	2.07E-05	6.54E-09	1.90E-09	2.01E-05	6.35E-09	1.85E-09
5788	489911.46, 3859366.33	1.54E-05	4.86E-09	1.41E-09	1.52E-05	4.80E-09	1.40E-09	1.48E-05	4.66E-09	1.36E-09
5789	490035.3, 3859430.26	1.29E-05	4.08E-09	1.19E-09	1.28E-05	4.03E-09	1.17E-09	1.24E-05	3.91E-09	1.14E-09
5790	490101.11, 3859458.61	1.19E-05	3.77E-09	1.10E-09	1.18E-05	3.72E-09	1.08E-09	1.15E-05	3.61E-09	1.05E-09
5791	490312.68, 3859560.3	9.48E-06	2.99E-09	8.71E-10	9.36E-06	2.95E-09	8.59E-10	9.09E-06	2.87E-09	8.34E-10
5792	490401.63, 3859603.12	8.74E-06	2.76E-09	8.03E-10	8.63E-06	2.72E-09	7.92E-10	8.38E-06	2.64E-09	7.69E-10

5793	490490.57, 3859645.94	8.12E-06	2.56E-09	7.46E-10	8.02E-06	2.53E-09	7.36E-10	7.78E-06	2.46E-09	7.15E-10
5794	490579.51, 3859688.76	7.61E-06	2.40E-09	6.98E-10	7.51E-06	2.37E-09	6.89E-10	7.29E-06	2.30E-09	6.69E-10
5795	490668.45, 3859731.58	7.16E-06	2.26E-09	6.58E-10	7.07E-06	2.23E-09	6.49E-10	6.86E-06	2.17E-09	6.30E-10
5796	490757.4, 3859774.4	6.81E-06	2.15E-09	6.25E-10	6.72E-06	2.12E-09	6.17E-10	6.53E-06	2.06E-09	5.99E-10
5797	491003.53, 3859861.82	6.20E-06	1.96E-09	5.69E-10	6.12E-06	1.93E-09	5.62E-10	5.94E-06	1.87E-09	5.45E-10
5798	491081.41, 3859879.05	6.16E-06	1.94E-09	5.66E-10	6.08E-06	1.92E-09	5.58E-10	5.90E-06	1.86E-09	5.42E-10
5799	491229.76, 3859917.82	5.90E-06	1.86E-09	5.41E-10	5.82E-06	1.84E-09	5.34E-10	5.65E-06	1.78E-09	5.19E-10
5800	491300.22, 3859939.35	5.72E-06	1.80E-09	5.25E-10	5.64E-06	1.78E-09	5.18E-10	5.48E-06	1.73E-09	5.03E-10
5801	491350.49, 3860012.03	3.99E-06	1.26E-09	3.67E-10	3.94E-06	1.24E-09	3.62E-10	3.83E-06	1.21E-09	3.51E-10
5802	491406.82, 3860092.57	3.38E-06	1.07E-09	3.10E-10	3.33E-06	1.05E-09	3.06E-10	3.24E-06	1.02E-09	2.97E-10
5803	491483.37, 3860121.96	3.26E-06	1.03E-09	2.99E-10	3.21E-06	1.01E-09	2.95E-10	3.12E-06	9.85E-10	2.86E-10
5804	491559.91, 3860151.36	3.13E-06	9.88E-10	2.87E-10	3.09E-06	9.75E-10	2.84E-10	3.00E-06	9.47E-10	2.75E-10
5805	491711.81, 3860237.76	2.86E-06	9.04E-10	2.63E-10	2.83E-06	8.92E-10	2.59E-10	2.74E-06	8.66E-10	2.52E-10
5806	491755.2, 3860319.07	2.53E-06	7.98E-10	2.32E-10	2.49E-06	7.87E-10	2.29E-10	2.42E-06	7.65E-10	2.22E-10
5807	491704.71, 3860366.54	2.43E-06	7.67E-10	2.23E-10	2.40E-06	7.57E-10	2.20E-10	2.33E-06	7.35E-10	2.14E-10
5808	491623.43, 3860462.39	2.25E-06	7.09E-10	2.06E-10	2.22E-06	7.00E-10	2.04E-10	2.15E-06	6.80E-10	1.98E-10
5809	491534.02, 3860439.85	2.40E-06	7.59E-10	2.21E-10	2.37E-06	7.49E-10	2.18E-10	2.30E-06	7.27E-10	2.12E-10
5810	491313.95, 3860268.18	2.69E-06	8.49E-10	2.47E-10	2.66E-06	8.38E-10	2.44E-10	2.58E-06	8.14E-10	2.37E-10
5811	491187.12, 3860143.56	3.13E-06	9.87E-10	2.87E-10	3.09E-06	9.74E-10	2.83E-10	3.00E-06	9.46E-10	2.75E-10
5812	491070.43, 3860075.97	3.43E-06	1.08E-09	3.15E-10	3.39E-06	1.07E-09	3.11E-10	3.29E-06	1.04E-09	3.02E-10
5813	490995.09, 3860039.39	3.61E-06	1.14E-09	3.31E-10	3.56E-06	1.12E-09	3.27E-10	3.46E-06	1.09E-09	3.18E-10
5814	490919.75, 3860002.8	3.81E-06	1.20E-09	3.50E-10	3.76E-06	1.19E-09	3.45E-10	3.65E-06	1.15E-09	3.35E-10
5815	490756.81, 3859894.53	4.52E-06	1.43E-09	4.15E-10	4.46E-06	1.41E-09	4.10E-10	4.33E-06	1.37E-09	3.98E-10
5816	490668.07, 3859860.92	4.73E-06	1.49E-09	4.35E-10	4.67E-06	1.47E-09	4.29E-10	4.54E-06	1.43E-09	4.16E-10
5817	490579.34, 3859827.3	5.01E-06	1.58E-09	4.60E-10	4.94E-06	1.56E-09	4.54E-10	4.80E-06	1.51E-09	4.40E-10
5818	490490.6, 3859793.68	5.30E-06	1.67E-09	4.87E-10	5.23E-06	1.65E-09	4.80E-10	5.08E-06	1.60E-09	4.66E-10
5819	490401.86, 3859760.07	5.65E-06	1.78E-09	5.19E-10	5.58E-06	1.76E-09	5.12E-10	5.42E-06	1.71E-09	4.97E-10
5820	490313.12, 3859726.45	6.09E-06	1.92E-09	5.59E-10	6.01E-06	1.90E-09	5.52E-10	5.84E-06	1.84E-09	5.36E-10
5821	490224.39, 3859692.83	6.63E-06	2.09E-09	6.08E-10	6.54E-06	2.06E-09	6.00E-10	6.35E-06	2.00E-09	5.83E-10
5822	490135.65, 3859659.22	7.28E-06	2.30E-09	6.68E-10	7.19E-06	2.27E-09	6.60E-10	6.98E-06	2.20E-09	6.41E-10
5823	489918.19, 3859559.23	1.00E-05	3.16E-09	9.19E-10	9.88E-06	3.12E-09	9.07E-10	9.59E-06	3.03E-09	8.81E-10
5824	489743.61, 3859486	1.40E-05	4.41E-09	1.28E-09	1.38E-05	4.35E-09	1.27E-09	1.34E-05	4.23E-09	1.23E-09
5825	489660.32, 3859440.27	1.74E-05	5.48E-09	1.59E-09	1.71E-05	5.41E-09	1.57E-09	1.66E-05	5.25E-09	1.53E-09
5826	489577.04, 3859394.53	2.18E-05	6.88E-09	2.00E-09	2.15E-05	6.79E-09	1.97E-09	2.09E-05	6.59E-09	1.92E-09
5827	489493.75, 3859348.8	2.75E-05	8.67E-09	2.52E-09	2.71E-05	8.56E-09	2.49E-09	2.63E-05	8.31E-09	2.42E-09
5828	489321.28, 3859240.02	5.45E-05	1.72E-08	5.00E-09	5.38E-05	1.70E-08	4.94E-09	5.22E-05	1.65E-08	4.80E-09
5829	489235.41, 3859193.96	1.13E-04	3.55E-08	1.03E-08	1.11E-04	3.51E-08	1.02E-08	1.08E-04	3.40E-08	9.90E-09
5830	489149.54, 3859147.89	3.45E-05	1.09E-08	3.16E-09	3.40E-05	1.07E-08	3.12E-09	3.30E-05	1.04E-08	3.03E-09
5831	489063.68, 3859101.82	2.20E-05	6.95E-09	2.02E-09	2.17E-05	6.86E-09	2.00E-09	2.11E-05	6.66E-09	1.94E-09
5832	488977.81, 3859055.75	1.79E-05	5.65E-09	1.64E-09	1.77E-05	5.58E-09	1.62E-09	1.72E-05	5.42E-09	1.58E-09
5833	488891.94, 3859009.69	1.55E-05	4.88E-09	1.42E-09	1.53E-05	4.81E-09	1.40E-09	1.48E-05	4.68E-09	1.36E-09
5834	488808, 3859060.73	1.20E-05	3.80E-09	1.11E-09	1.19E-05	3.75E-09	1.09E-09	1.15E-05	3.64E-09	1.06E-09
5835	488809.93, 3859157.85	1.07E-05	3.36E-09	9.78E-10	1.05E-05	3.32E-09	9.66E-10	1.02E-05	3.22E-09	9.38E-10
5836	488811.86, 3859254.96	9.61E-06	3.03E-09	8.82E-10	9.48E-06	2.99E-09	8.71E-10	9.21E-06	2.91E-09	8.45E-10
5837	488813.78, 3859352.07	8.67E-06	2.74E-09	7.96E-10	8.55E-06	2.70E-09	7.85E-10	8.31E-06	2.62E-09	7.63E-10
5838	488815.71, 3859449.19	7.76E-06	2.45E-09	7.12E-10	7.66E-06	2.42E-09	7.03E-10	7.44E-06	2.35E-09	6.83E-10
5839	488910.04, 3859547.11	7.92E-06	2.50E-09	7.27E-10	7.82E-06	2.47E-09	7.17E-10	7.59E-06	2.40E-09	6.97E-10
5840	489002.45, 3859547.91	9.92E-06	3.13E-09	9.10E-10	9.79E-06	3.09E-09	8.99E-10	9.50E-06	3.00E-09	8.73E-10
5841	489094.85, 3859548.72	1.43E-05	4.53E-09	1.32E-09	1.42E-05	4.47E-09	1.30E-09	1.37E-05	4.34E-09	1.26E-09
5842	489230.05, 3859601.87	2.30E-05	7.26E-09	2.11E-09	2.27E-05	7.16E-09	2.08E-09	2.20E-05	6.96E-09	2.02E-09
5843	489227.52, 3859680.89	1.82E-05	5.75E-09	1.67E-09	1.80E-05	5.67E-09	1.65E-09	1.75E-05	5.51E-09	1.60E-09
5844	489133.47, 3859760.29	7.82E-06	2.47E-09	7.18E-10	7.72E-06	2.44E-09	7.09E-10	7.50E-06	2.37E-09	6.88E-10
5845	489041.96, 3859760.67	6.46E-06	2.04E-09	5.93E-10	6.37E-06	2.01E-09	5.85E-10	6.19E-06	1.95E-09	5.68E-10
5846	488950.45, 3859761.05	5.65E-06	1.78E-09	5.19E-10	5.58E-06	1.76E-09	5.12E-10	5.41E-06	1.71E-09	4.97E-10
5847	488858.94, 3859761.43	5.08E-06	1.60E-09	4.66E-10	5.01E-06	1.58E-09	4.60E-10	4.86E-06	1.54E-09	4.47E-10
5848	488767.43, 3859761.82	4.64E-06	1.46E-09	4.26E-10	4.58E-06	1.44E-09	4.20E-10	4.45E-06	1.40E-09	4.08E-10
5849	488675.92, 3859762.2	4.31E-06	1.36E-09	3.96E-10	4.25E-06	1.34E-09	3.90E-10	4.13E-06	1.30E-09	3.79E-10
5850	488584.41, 3859762.58	3.99E-06	1.26E-09	3.66E-10	3.94E-06	1.24E-09	3.62E-10	3.82E-06	1.21E-09	3.51E-10
5851	488492.9, 3859762.96	3.71E-06	1.17E-09	3.41E-10	3.66E-06	1.16E-09	3.36E-10	3.56E-06	1.12E-09	3.27E-10
5852	488402.76, 3859830.95	3.27E-06	1.03E-09	3.01E-10	3.23E-06	1.02E-09	2.97E-10	3.14E-06	9.90E-10	2.88E-10
5853	488404.14, 3859898.55	3.07E-06	9.69E-10	2.82E-10	3.03E-06	9.56E-10	2.78E-10	2.94E-06	9.29E-10	2.70E-10
5854	488505.18, 3859964.96	3.07E-06	9.71E-10	2.82E-10	3.03E-06	9.58E-10	2.79E-10	2.95E-06	9.30E-10	2.71E-10
5855	488604.85, 3859963.76	3.28E-06	1.03E-09	3.01E-10	3.23E-06	1.02E-09	2.97E-10	3.14E-06	9.91E-10	2.88E-10
5856	488704.51, 3859962.56	3.51E-06	1.11E-09	3.22E-10	3.46E-06	1.09E-09	3.18E-10	3.36E-06	1.06E-09	3.09E-10
5857	488804.18, 3859961.37	3.79E-06	1.20E-09	3.48E-10	3.74E-06	1.18E-09	3.43E-10	3.63E-06	1.15E-09	3.34E-10
5858	488903.85, 3859960.17	4.14E-06	1.31E-09	3.80E-10	4.09E-06	1.29E-09	3.75E-10	3.97E-06	1.25E-09	3.64E-10
5859	489003.52, 3859958.97	4.58E-06	1.44E-09	4.20E-10	4.52E-06	1.43E-09	4.15E-10	4.39E-06	1.38E-09	4.03E-10
5860	489103.18, 3859957.77	5.47E-06	1.73E-09	5.02E-10	5.40E-06	1.70E-09	4.95E-10	5.24E-06	1.65E-09	4.81E-10
5861	489201.48, 3860046.59	7.12E-06	2.25E-09	6.54E-10	7.03E-06	2.22E-09	6.45E-10	6.83E-06	2.15E-09	6.27E-10

5862	489200.11, 3860136.61	6.90E-06	2.18E-09	6.34E-10	6.81E-06	2.15E-09	6.26E-10	6.62E-06	2.09E-09	6.07E-10
5863	489198.74, 3860226.63	7.85E-06	2.48E-09	7.21E-10	7.75E-06	2.45E-09	7.11E-10	7.53E-06	2.38E-09	6.91E-10
5864	489197.38, 3860316.66	6.26E-06	1.98E-09	5.75E-10	6.18E-06	1.95E-09	5.67E-10	6.00E-06	1.89E-09	5.51E-10
5865	489196.01, 3860406.68	6.08E-06	1.92E-09	5.58E-10	6.00E-06	1.89E-09	5.51E-10	5.83E-06	1.84E-09	5.35E-10
5866	489194.64, 3860496.7	7.10E-06	2.24E-09	6.52E-10	7.01E-06	2.21E-09	6.43E-10	6.80E-06	2.15E-09	6.25E-10
5867	489193.27, 3860586.72	6.87E-06	2.17E-09	6.31E-10	6.79E-06	2.14E-09	6.23E-10	6.59E-06	2.08E-09	6.05E-10
5868	489092.02, 3860678.13	3.54E-06	1.12E-09	3.25E-10	3.49E-06	1.10E-09	3.21E-10	3.39E-06	1.07E-09	3.11E-10
5869	488992.13, 3860679.53	2.76E-06	8.70E-10	2.53E-10	2.72E-06	8.59E-10	2.50E-10	2.64E-06	8.34E-10	2.43E-10
5870	488892.25, 3860680.92	2.43E-06	7.66E-10	2.23E-10	2.40E-06	7.56E-10	2.20E-10	2.33E-06	7.34E-10	2.14E-10
5871	488792.36, 3860682.31	2.22E-06	7.00E-10	2.04E-10	2.19E-06	6.91E-10	2.01E-10	2.13E-06	6.71E-10	1.95E-10
5872	488692.48, 3860683.7	2.07E-06	6.54E-10	1.90E-10	2.04E-06	6.45E-10	1.88E-10	1.98E-06	6.26E-10	1.82E-10
5873	488592.59, 3860685.1	1.95E-06	6.15E-10	1.79E-10	1.92E-06	6.07E-10	1.77E-10	1.87E-06	5.90E-10	1.72E-10
5874	488492.71, 3860686.49	1.87E-06	5.91E-10	1.72E-10	1.85E-06	5.84E-10	1.70E-10	1.80E-06	5.67E-10	1.65E-10
5875	488299.07, 3860762.18	1.71E-06	5.39E-10	1.57E-10	1.68E-06	5.32E-10	1.55E-10	1.64E-06	5.16E-10	1.50E-10
5876	488205.32, 3860764.09	1.65E-06	5.20E-10	1.51E-10	1.63E-06	5.13E-10	1.49E-10	1.58E-06	4.98E-10	1.45E-10
5877	488111.56, 3860766	1.58E-06	4.99E-10	1.45E-10	1.56E-06	4.93E-10	1.43E-10	1.52E-06	4.78E-10	1.39E-10
5878	488017.81, 3860767.91	1.52E-06	4.78E-10	1.39E-10	1.50E-06	4.72E-10	1.37E-10	1.45E-06	4.59E-10	1.33E-10
5879	487924.06, 3860769.81	1.45E-06	4.59E-10	1.34E-10	1.44E-06	4.53E-10	1.32E-10	1.39E-06	4.40E-10	1.28E-10
5880	487830.31, 3860771.72	1.40E-06	4.42E-10	1.28E-10	1.38E-06	4.36E-10	1.27E-10	1.34E-06	4.23E-10	1.23E-10
5881	487736.55, 3860773.63	1.35E-06	4.27E-10	1.24E-10	1.33E-06	4.21E-10	1.22E-10	1.30E-06	4.09E-10	1.19E-10
5882	487642.8, 3860775.54	1.31E-06	4.14E-10	1.21E-10	1.30E-06	4.09E-10	1.19E-10	1.26E-06	3.97E-10	1.16E-10
5883	487549.48, 3860684.71	1.32E-06	4.18E-10	1.21E-10	1.31E-06	4.12E-10	1.20E-10	1.27E-06	4.00E-10	1.16E-10
5884	487549.91, 3860591.97	1.36E-06	4.31E-10	1.25E-10	1.35E-06	4.25E-10	1.24E-10	1.31E-06	4.13E-10	1.20E-10
5885	487550.34, 3860499.23	1.42E-06	4.47E-10	1.30E-10	1.40E-06	4.42E-10	1.28E-10	1.36E-06	4.29E-10	1.25E-10
5886	487550.76, 3860406.49	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
5887	487551.19, 3860313.75	1.55E-06	4.89E-10	1.42E-10	1.53E-06	4.83E-10	1.41E-10	1.49E-06	4.69E-10	1.36E-10
5888	487551.62, 3860221.01	1.63E-06	5.15E-10	1.50E-10	1.61E-06	5.08E-10	1.48E-10	1.56E-06	4.93E-10	1.43E-10
5889	487552.05, 3860128.27	1.73E-06	5.46E-10	1.59E-10	1.71E-06	5.39E-10	1.57E-10	1.66E-06	5.24E-10	1.52E-10
5890	487552.48, 3860035.53	1.84E-06	5.79E-10	1.69E-10	1.81E-06	5.72E-10	1.66E-10	1.76E-06	5.55E-10	1.62E-10
5891	487552.91, 3859942.79	1.93E-06	6.08E-10	1.77E-10	1.90E-06	6.00E-10	1.74E-10	1.85E-06	5.82E-10	1.69E-10
5892	487553.33, 3859850.05	2.04E-06	6.45E-10	1.88E-10	2.02E-06	6.36E-10	1.85E-10	1.96E-06	6.18E-10	1.80E-10
5893	487553.76, 3859757.31	2.16E-06	6.80E-10	1.98E-10	2.13E-06	6.71E-10	1.95E-10	2.07E-06	6.52E-10	1.90E-10
5894	487554.19, 3859664.57	2.28E-06	7.19E-10	2.09E-10	2.25E-06	7.09E-10	2.06E-10	2.18E-06	6.89E-10	2.00E-10
5895	487460.2, 3859571.05	2.30E-06	7.25E-10	2.11E-10	2.27E-06	7.15E-10	2.08E-10	2.20E-06	6.95E-10	2.02E-10
5896	487365.78, 3859570.27	2.20E-06	6.93E-10	2.02E-10	2.17E-06	6.84E-10	1.99E-10	2.11E-06	6.64E-10	1.93E-10
5897	487271.36, 3859569.48	2.09E-06	6.60E-10	1.92E-10	2.07E-06	6.52E-10	1.90E-10	2.01E-06	6.33E-10	1.84E-10
5898	487176.94, 3859568.7	1.99E-06	6.28E-10	1.83E-10	1.96E-06	6.20E-10	1.80E-10	1.91E-06	6.02E-10	1.75E-10
5899	487082.51, 3859567.92	1.89E-06	5.98E-10	1.74E-10	1.87E-06	5.90E-10	1.72E-10	1.81E-06	5.73E-10	1.67E-10
5900	486988.09, 3859567.14	1.80E-06	5.68E-10	1.65E-10	1.78E-06	5.61E-10	1.63E-10	1.72E-06	5.44E-10	1.58E-10
5901	486893.67, 3859566.36	1.71E-06	5.39E-10	1.57E-10	1.69E-06	5.32E-10	1.55E-10	1.64E-06	5.17E-10	1.50E-10
5902	486799.25, 3859565.58	1.62E-06	5.13E-10	1.49E-10	1.60E-06	5.06E-10	1.47E-10	1.56E-06	4.91E-10	1.43E-10
5903	486704.83, 3859564.79	1.55E-06	4.89E-10	1.42E-10	1.53E-06	4.83E-10	1.40E-10	1.49E-06	4.69E-10	1.36E-10
5904	486610.41, 3859564.01	1.48E-06	4.68E-10	1.36E-10	1.46E-06	4.62E-10	1.34E-10	1.42E-06	4.48E-10	1.30E-10
5905	486515.99, 3859563.23	1.42E-06	4.47E-10	1.30E-10	1.40E-06	4.41E-10	1.28E-10	1.36E-06	4.28E-10	1.25E-10
5906	486421.57, 3859562.45	1.36E-06	4.28E-10	1.24E-10	1.34E-06	4.22E-10	1.23E-10	1.30E-06	4.10E-10	1.19E-10
5907	486327.14, 3859561.67	1.30E-06	4.10E-10	1.19E-10	1.28E-06	4.05E-10	1.18E-10	1.25E-06	3.93E-10	1.14E-10
5908	486232.72, 3859560.89	1.24E-06	3.93E-10	1.14E-10	1.23E-06	3.88E-10	1.13E-10	1.19E-06	3.76E-10	1.10E-10
5909	486138.3, 3859560.1	1.19E-06	3.77E-10	1.10E-10	1.18E-06	3.72E-10	1.08E-10	1.14E-06	3.61E-10	1.05E-10
5910	486043.88, 3859559.32	1.15E-06	3.62E-10	1.05E-10	1.13E-06	3.57E-10	1.04E-10	1.10E-06	3.47E-10	1.01E-10
5911	485949.35, 3859463.54	1.12E-06	3.53E-10	1.03E-10	1.11E-06	3.49E-10	1.01E-10	1.07E-06	3.39E-10	9.85E-11
5912	485949.24, 3859368.55	1.14E-06	3.59E-10	1.04E-10	1.12E-06	3.54E-10	1.03E-10	1.09E-06	3.44E-10	1.00E-10
5913	485949.12, 3859273.55	1.15E-06	3.63E-10	1.06E-10	1.13E-06	3.58E-10	1.04E-10	1.10E-06	3.48E-10	1.01E-10
5914	485949.01, 3859178.56	1.16E-06	3.65E-10	1.06E-10	1.14E-06	3.61E-10	1.05E-10	1.11E-06	3.50E-10	1.02E-10
5915	485948.9, 3859083.56	1.17E-06	3.69E-10	1.07E-10	1.15E-06	3.64E-10	1.06E-10	1.12E-06	3.53E-10	1.03E-10
5916	485948.79, 3858988.56	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5917	485948.67, 3858893.57	1.18E-06	3.74E-10	1.09E-10	1.17E-06	3.69E-10	1.07E-10	1.13E-06	3.58E-10	1.04E-10
5918	485948.56, 3858798.57	1.19E-06	3.75E-10	1.09E-10	1.17E-06	3.70E-10	1.08E-10	1.14E-06	3.59E-10	1.04E-10
5919	485948.45, 3858703.58	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5920	485948.34, 3858608.58	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.07E-10	1.13E-06	3.56E-10	1.03E-10
5921	485948.22, 3858513.59	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5922	485948.11, 3858418.59	1.18E-06	3.72E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5923	485948, 3858323.59	1.18E-06	3.73E-10	1.08E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
5924	485947.89, 3858228.6	1.18E-06	3.73E-10	1.08E-10	1.17E-06	3.68E-10	1.07E-10	1.13E-06	3.57E-10	1.04E-10
5925	485947.77, 3858133.6	1.18E-06	3.71E-10	1.08E-10	1.16E-06	3.67E-10	1.07E-10	1.13E-06	3.56E-10	1.04E-10
5926	485947.66, 3858038.61	1.17E-06	3.71E-10	1.08E-10	1.16E-06	3.66E-10	1.06E-10	1.13E-06	3.55E-10	1.03E-10
5927	485854.54, 3857943.35	1.11E-06	3.50E-10	1.02E-10	1.09E-06	3.46E-10	1.01E-10	1.06E-06	3.36E-10	9.76E-11
5928	485761.52, 3857943.09	1.06E-06	3.36E-10	9.77E-11	1.05E-06	3.32E-10	9.65E-11	1.02E-06	3.22E-10	9.37E-11
5929	485668.51, 3857942.83	1.03E-06	3.24E-10	9.41E-11	1.01E-06	3.19E-10	9.29E-11	9.83E-07	3.10E-10	9.02E-11
5930	485575.5, 3857942.56	9.86E-07	3.11E-10	9.05E-11	9.73E-07	3.07E-10	8.93E-11	9.45E-07	2.98E-10	8.68E-11

5931	485482.48, 3857942.3	9.51E-07	3.00E-10	8.73E-11	9.39E-07	2.96E-10	8.62E-11	9.12E-07	2.88E-10	8.37E-11
5932	485389.47, 3857942.04	9.18E-07	2.90E-10	8.43E-11	9.07E-07	2.86E-10	8.32E-11	8.80E-07	2.78E-10	8.08E-11
5933	485296.46, 3857941.78	8.87E-07	2.80E-10	8.15E-11	8.76E-07	2.76E-10	8.04E-11	8.50E-07	2.68E-10	7.81E-11
5934	485203.45, 3857941.52	8.60E-07	2.71E-10	7.89E-11	8.48E-07	2.68E-10	7.79E-11	8.24E-07	2.60E-10	7.56E-11
5935	485110.43, 3857941.26	8.31E-07	2.62E-10	7.63E-11	8.20E-07	2.59E-10	7.53E-11	7.97E-07	2.51E-10	7.31E-11
5936	485017.42, 3857940.99	8.04E-07	2.54E-10	7.38E-11	7.93E-07	2.50E-10	7.28E-11	7.70E-07	2.43E-10	7.07E-11
5937	484924.41, 3857940.73	7.78E-07	2.45E-10	7.14E-11	7.68E-07	2.42E-10	7.05E-11	7.45E-07	2.35E-10	6.84E-11
5938	484831.39, 3857940.47	7.54E-07	2.38E-10	6.92E-11	7.44E-07	2.35E-10	6.83E-11	7.23E-07	2.28E-10	6.63E-11
5939	484738.12, 3857859.3	7.27E-07	2.29E-10	6.67E-11	7.17E-07	2.26E-10	6.58E-11	6.96E-07	2.20E-10	6.39E-11
5940	484737.85, 3857778.4	7.23E-07	2.28E-10	6.64E-11	7.14E-07	2.25E-10	6.55E-11	6.93E-07	2.19E-10	6.36E-11
5941	484737.59, 3857697.49	7.20E-07	2.27E-10	6.61E-11	7.10E-07	2.24E-10	6.52E-11	6.90E-07	2.18E-10	6.33E-11
5942	484737.32, 3857616.59	7.15E-07	2.26E-10	6.57E-11	7.06E-07	2.23E-10	6.48E-11	6.85E-07	2.16E-10	6.29E-11
5943	484645.53, 3857535.18	6.91E-07	2.18E-10	6.34E-11	6.82E-07	2.15E-10	6.26E-11	6.62E-07	2.09E-10	6.08E-11
5944	484553.99, 3857534.67	6.72E-07	2.12E-10	6.17E-11	6.63E-07	2.09E-10	6.09E-11	6.44E-07	2.03E-10	5.91E-11
5945	484462.46, 3857534.17	6.55E-07	2.07E-10	6.01E-11	6.46E-07	2.04E-10	5.93E-11	6.27E-07	1.98E-10	5.76E-11
5946	484370.93, 3857533.66	6.38E-07	2.01E-10	5.86E-11	6.29E-07	1.99E-10	5.78E-11	6.11E-07	1.93E-10	5.61E-11
5947	484279.4, 3857533.16	6.22E-07	1.96E-10	5.71E-11	6.14E-07	1.94E-10	5.63E-11	5.96E-07	1.88E-10	5.47E-11
5948	484187.86, 3857532.65	6.06E-07	1.91E-10	5.56E-11	5.98E-07	1.89E-10	5.49E-11	5.81E-07	1.83E-10	5.33E-11
5949	484096.33, 3857532.15	5.91E-07	1.87E-10	5.43E-11	5.83E-07	1.84E-10	5.36E-11	5.66E-07	1.79E-10	5.20E-11
5950	484004.8, 3857531.64	5.76E-07	1.82E-10	5.29E-11	5.69E-07	1.79E-10	5.22E-11	5.52E-07	1.74E-10	5.07E-11
5951	483913.27, 3857531.14	5.61E-07	1.77E-10	5.15E-11	5.54E-07	1.75E-10	5.09E-11	5.38E-07	1.70E-10	4.94E-11
5952	483821.73, 3857530.63	5.48E-07	1.73E-10	5.03E-11	5.40E-07	1.71E-10	4.96E-11	5.25E-07	1.66E-10	4.82E-11
5953	483729.61, 3857450.11	5.33E-07	1.68E-10	4.89E-11	5.26E-07	1.66E-10	4.83E-11	5.11E-07	1.61E-10	4.69E-11
5954	483729.03, 3857370.08	5.32E-07	1.68E-10	4.88E-11	5.25E-07	1.66E-10	4.82E-11	5.10E-07	1.61E-10	4.68E-11
5955	483728.44, 3857290.06	5.29E-07	1.67E-10	4.85E-11	5.22E-07	1.65E-10	4.79E-11	5.07E-07	1.60E-10	4.65E-11
5956	483727.86, 3857210.03	5.24E-07	1.65E-10	4.81E-11	5.17E-07	1.63E-10	4.75E-11	5.03E-07	1.59E-10	4.61E-11
5957	483641.15, 3857129.07	5.09E-07	1.61E-10	4.67E-11	5.02E-07	1.59E-10	4.61E-11	4.88E-07	1.54E-10	4.48E-11
5958	483555.03, 3857128.14	4.99E-07	1.58E-10	4.58E-11	4.93E-07	1.56E-10	4.52E-11	4.79E-07	1.51E-10	4.39E-11
5959	483468.91, 3857127.2	4.89E-07	1.54E-10	4.49E-11	4.83E-07	1.52E-10	4.43E-11	4.69E-07	1.48E-10	4.30E-11
5960	483382.78, 3857126.26	4.80E-07	1.52E-10	4.41E-11	4.74E-07	1.50E-10	4.35E-11	4.60E-07	1.45E-10	4.23E-11
5961	483296.66, 3857125.32	4.71E-07	1.49E-10	4.33E-11	4.65E-07	1.47E-10	4.27E-11	4.52E-07	1.43E-10	4.15E-11
5962	483210.54, 3857124.39	4.62E-07	1.46E-10	4.24E-11	4.56E-07	1.44E-10	4.19E-11	4.43E-07	1.40E-10	4.07E-11
5963	483123.4, 3857030.96	4.49E-07	1.42E-10	4.13E-11	4.44E-07	1.40E-10	4.07E-11	4.31E-07	1.36E-10	3.95E-11
5964	483122.38, 3856938.46	4.44E-07	1.40E-10	4.08E-11	4.38E-07	1.38E-10	4.03E-11	4.26E-07	1.34E-10	3.91E-11
5965	483121.35, 3856845.97	4.38E-07	1.38E-10	4.02E-11	4.32E-07	1.36E-10	3.97E-11	4.20E-07	1.32E-10	3.85E-11
5966	483120.33, 3856753.47	4.30E-07	1.36E-10	3.95E-11	4.24E-07	1.34E-10	3.90E-11	4.12E-07	1.30E-10	3.78E-11
5967	483119.31, 3856660.98	4.22E-07	1.33E-10	3.87E-11	4.16E-07	1.31E-10	3.82E-11	4.04E-07	1.28E-10	3.71E-11
5968	483118.29, 3856568.49	4.13E-07	1.30E-10	3.79E-11	4.07E-07	1.29E-10	3.74E-11	3.95E-07	1.25E-10	3.63E-11
5969	483117.26, 3856475.99	4.03E-07	1.27E-10	3.70E-11	3.98E-07	1.26E-10	3.66E-11	3.87E-07	1.22E-10	3.55E-11
5970	483116.24, 3856383.5	3.94E-07	1.24E-10	3.61E-11	3.89E-07	1.23E-10	3.57E-11	3.77E-07	1.19E-10	3.46E-11
5971	483115.22, 3856291.01	3.84E-07	1.21E-10	3.53E-11	3.79E-07	1.20E-10	3.48E-11	3.68E-07	1.16E-10	3.38E-11
5972	483114.2, 3856198.51	3.75E-07	1.18E-10	3.44E-11	3.70E-07	1.17E-10	3.40E-11	3.59E-07	1.13E-10	3.30E-11
5973	483113.17, 3856106.02	3.67E-07	1.16E-10	3.37E-11	3.62E-07	1.14E-10	3.33E-11	3.52E-07	1.11E-10	3.23E-11
5974	483112.15, 3856013.52	3.60E-07	1.14E-10	3.31E-11	3.55E-07	1.12E-10	3.26E-11	3.45E-07	1.09E-10	3.17E-11
5975	483029.25, 3855920.47	3.50E-07	1.10E-10	3.21E-11	3.45E-07	1.09E-10	3.17E-11	3.35E-07	1.06E-10	3.08E-11
5976	482947.37, 3855919.91	3.45E-07	1.09E-10	3.17E-11	3.40E-07	1.07E-10	3.12E-11	3.31E-07	1.04E-10	3.03E-11
5977	482865.49, 3855919.36	3.40E-07	1.07E-10	3.12E-11	3.36E-07	1.06E-10	3.08E-11	3.26E-07	1.03E-10	2.99E-11
5978	482783.61, 3855918.8	3.36E-07	1.06E-10	3.09E-11	3.32E-07	1.05E-10	3.05E-11	3.22E-07	1.02E-10	2.96E-11
5979	482700.33, 3855818.39	3.26E-07	1.03E-10	2.99E-11	3.22E-07	1.02E-10	2.95E-11	3.12E-07	9.86E-11	2.87E-11
5980	482698.92, 3855718.54	3.21E-07	1.01E-10	2.94E-11	3.16E-07	9.99E-11	2.91E-11	3.07E-07	9.70E-11	2.82E-11
5981	482697.52, 3855618.68	3.16E-07	9.97E-11	2.90E-11	3.12E-07	9.84E-11	2.86E-11	3.03E-07	9.55E-11	2.78E-11
5982	482696.11, 3855518.83	3.12E-07	9.83E-11	2.86E-11	3.07E-07	9.70E-11	2.82E-11	2.99E-07	9.42E-11	2.74E-11
5983	482694.71, 3855418.98	3.08E-07	9.71E-11	2.82E-11	3.04E-07	9.58E-11	2.79E-11	2.95E-07	9.31E-11	2.71E-11
5984	482693.3, 3855319.13	3.04E-07	9.59E-11	2.79E-11	3.00E-07	9.46E-11	2.75E-11	2.91E-07	9.19E-11	2.67E-11
5985	482691.9, 3855219.27	3.00E-07	9.45E-11	2.75E-11	2.96E-07	9.33E-11	2.71E-11	2.87E-07	9.06E-11	2.64E-11
5986	482690.49, 3855119.42	2.95E-07	9.32E-11	2.71E-11	2.91E-07	9.19E-11	2.67E-11	2.83E-07	8.93E-11	2.60E-11
5987	482689.09, 3855019.57	2.89E-07	9.13E-11	2.66E-11	2.86E-07	9.01E-11	2.62E-11	2.77E-07	8.75E-11	2.55E-11
5988	482687.68, 3854919.72	2.83E-07	8.95E-11	2.60E-11	2.80E-07	8.83E-11	2.57E-11	2.72E-07	8.57E-11	2.49E-11
5989	482686.28, 3854819.86	2.77E-07	8.74E-11	2.54E-11	2.73E-07	8.63E-11	2.51E-11	2.65E-07	8.38E-11	2.44E-11
5990	482684.88, 3854720.01	2.71E-07	8.56E-11	2.49E-11	2.68E-07	8.45E-11	2.46E-11	2.60E-07	8.20E-11	2.39E-11
5991	482683.47, 3854620.16	2.65E-07	8.35E-11	2.43E-11	2.61E-07	8.25E-11	2.40E-11	2.54E-07	8.01E-11	2.33E-11
5992	482682.07, 3854520.31	2.59E-07	8.17E-11	2.38E-11	2.55E-07	8.06E-11	2.35E-11	2.48E-07	7.83E-11	2.28E-11
5993	482680.66, 3854420.45	2.53E-07	7.99E-11	2.32E-11	2.50E-07	7.89E-11	2.29E-11	2.43E-07	7.66E-11	2.23E-11
5994	482679.26, 3854320.6	2.48E-07	7.82E-11	2.27E-11	2.45E-07	7.72E-11	2.25E-11	2.37E-07	7.49E-11	2.18E-11
5995	482677.85, 3854220.75	2.41E-07	7.61E-11	2.21E-11	2.38E-07	7.51E-11	2.18E-11	2.31E-07	7.29E-11	2.12E-11
5996	482676.45, 3854120.9	2.37E-07	7.48E-11	2.18E-11	2.34E-07	7.39E-11	2.15E-11	2.27E-07	7.17E-11	2.09E-11
5997	482675.04, 3854021.04	2.32E-07	7.33E-11	2.13E-11	2.29E-07	7.24E-11	2.10E-11	2.23E-07	7.03E-11	2.04E-11
5998	482673.64, 3853921.19	2.28E-07	7.18E-11	2.09E-11	2.25E-07	7.09E-11	2.06E-11	2.18E-07	6.88E-11	2.00E-11
5999	482672.23, 3853821.34	2.22E-07	7.00E-11	2.04E-11	2.19E-07	6.91E-11	2.01E-11	2.13E-07	6.71E-11	1.95E-11

6000	482670.83, 3853721.49	2.16E-07	6.82E-11	1.98E-11	2.13E-07	6.73E-11	1.96E-11	2.07E-07	6.54E-11	1.90E-11
6001	482669.42, 3853621.63	2.11E-07	6.66E-11	1.94E-11	2.08E-07	6.57E-11	1.91E-11	2.02E-07	6.38E-11	1.86E-11
6002	482645.99, 3853446.13	2.03E-07	6.40E-11	1.86E-11	2.00E-07	6.32E-11	1.84E-11	1.94E-07	6.13E-11	1.78E-11
6003	482623.97, 3853370.49	2.00E-07	6.30E-11	1.83E-11	1.97E-07	6.22E-11	1.81E-11	1.91E-07	6.04E-11	1.76E-11
6004	482601.94, 3853294.84	1.97E-07	6.21E-11	1.81E-11	1.94E-07	6.13E-11	1.78E-11	1.88E-07	5.95E-11	1.73E-11
6005	482531.29, 3853133.44	1.90E-07	6.01E-11	1.75E-11	1.88E-07	5.93E-11	1.73E-11	1.82E-07	5.76E-11	1.68E-11
6006	482482.68, 3853047.69	1.87E-07	5.89E-11	1.71E-11	1.84E-07	5.82E-11	1.69E-11	1.79E-07	5.65E-11	1.64E-11
6007	482383.09, 3852897.4	1.82E-07	5.75E-11	1.67E-11	1.80E-07	5.67E-11	1.65E-11	1.74E-07	5.51E-11	1.60E-11
6008	482265.64, 3852765.26	1.77E-07	5.59E-11	1.62E-11	1.75E-07	5.51E-11	1.60E-11	1.70E-07	5.35E-11	1.56E-11
6009	482199.16, 3852697.66	1.74E-07	5.50E-11	1.60E-11	1.72E-07	5.42E-11	1.58E-11	1.67E-07	5.27E-11	1.53E-11
6010	482132.69, 3852630.07	1.71E-07	5.40E-11	1.57E-11	1.69E-07	5.33E-11	1.55E-11	1.64E-07	5.18E-11	1.51E-11
6011	482066.21, 3852562.48	1.68E-07	5.31E-11	1.55E-11	1.66E-07	5.25E-11	1.53E-11	1.61E-07	5.09E-11	1.48E-11
6012	481999.74, 3852494.89	1.66E-07	5.24E-11	1.52E-11	1.64E-07	5.17E-11	1.50E-11	1.59E-07	5.02E-11	1.46E-11
6013	481933.26, 3852427.29	1.63E-07	5.16E-11	1.50E-11	1.61E-07	5.09E-11	1.48E-11	1.57E-07	4.94E-11	1.44E-11
6014	481866.79, 3852359.7	1.61E-07	5.08E-11	1.48E-11	1.59E-07	5.01E-11	1.46E-11	1.54E-07	4.87E-11	1.42E-11
6015	481800.31, 3852292.11	1.58E-07	4.99E-11	1.45E-11	1.56E-07	4.93E-11	1.43E-11	1.52E-07	4.78E-11	1.39E-11
6016	481733.84, 3852224.52	1.56E-07	4.91E-11	1.43E-11	1.53E-07	4.84E-11	1.41E-11	1.49E-07	4.70E-11	1.37E-11
6017	481667.36, 3852156.92	1.53E-07	4.82E-11	1.40E-11	1.51E-07	4.76E-11	1.38E-11	1.46E-07	4.62E-11	1.34E-11
6018	481600.89, 3852089.33	1.51E-07	4.76E-11	1.38E-11	1.49E-07	4.70E-11	1.37E-11	1.45E-07	4.56E-11	1.33E-11
6019	481534.41, 3852021.74	1.49E-07	4.71E-11	1.37E-11	1.47E-07	4.65E-11	1.35E-11	1.43E-07	4.51E-11	1.31E-11
6020	481467.94, 3851954.15	1.47E-07	4.65E-11	1.35E-11	1.45E-07	4.59E-11	1.33E-11	1.41E-07	4.46E-11	1.30E-11
6021	481401.46, 3851886.55	1.45E-07	4.58E-11	1.33E-11	1.43E-07	4.52E-11	1.31E-11	1.39E-07	4.39E-11	1.28E-11
6022	481265.87, 3851761.43	1.41E-07	4.46E-11	1.30E-11	1.40E-07	4.41E-11	1.28E-11	1.36E-07	4.28E-11	1.24E-11
6023	481196.74, 3851703.89	1.39E-07	4.39E-11	1.28E-11	1.37E-07	4.34E-11	1.26E-11	1.33E-07	4.21E-11	1.23E-11
6024	481076.33, 3851619.05	1.36E-07	4.29E-11	1.25E-11	1.34E-07	4.24E-11	1.23E-11	1.30E-07	4.11E-11	1.20E-11
6025	480939.8, 3851549.07	1.32E-07	4.17E-11	1.21E-11	1.30E-07	4.11E-11	1.20E-11	1.27E-07	4.00E-11	1.16E-11
6026	480854.56, 3851506.41	1.30E-07	4.09E-11	1.19E-11	1.28E-07	4.04E-11	1.18E-11	1.24E-07	3.92E-11	1.14E-11
6027	480769.32, 3851463.75	1.28E-07	4.03E-11	1.17E-11	1.26E-07	3.97E-11	1.16E-11	1.22E-07	3.86E-11	1.12E-11
6028	480684.08, 3851421.08	1.25E-07	3.96E-11	1.15E-11	1.24E-07	3.91E-11	1.14E-11	1.20E-07	3.79E-11	1.10E-11
6029	480598.84, 3851378.42	1.24E-07	3.91E-11	1.14E-11	1.22E-07	3.86E-11	1.12E-11	1.19E-07	3.74E-11	1.09E-11
6030	480435.71, 3851275.01	1.20E-07	3.79E-11	1.10E-11	1.19E-07	3.74E-11	1.09E-11	1.15E-07	3.63E-11	1.06E-11
6031	480347.85, 3851232.36	1.18E-07	3.73E-11	1.09E-11	1.17E-07	3.68E-11	1.07E-11	1.13E-07	3.58E-11	1.04E-11
6032	480260, 3851189.72	1.17E-07	3.68E-11	1.07E-11	1.15E-07	3.63E-11	1.06E-11	1.12E-07	3.53E-11	1.03E-11
6033	480172.15, 3851147.07	1.15E-07	3.63E-11	1.05E-11	1.13E-07	3.58E-11	1.04E-11	1.10E-07	3.48E-11	1.01E-11
6034	480084.29, 3851104.42	1.13E-07	3.57E-11	1.04E-11	1.12E-07	3.53E-11	1.03E-11	1.09E-07	3.42E-11	9.96E-12
6035	479996.44, 3851061.77	1.12E-07	3.52E-11	1.02E-11	1.10E-07	3.47E-11	1.01E-11	1.07E-07	3.37E-11	9.81E-12
6036	479908.58, 3851019.13	1.09E-07	3.45E-11	1.00E-11	1.08E-07	3.40E-11	9.89E-12	1.05E-07	3.30E-11	9.61E-12
6037	479820.73, 3850976.48	1.08E-07	3.40E-11	9.89E-12	1.06E-07	3.36E-11	9.76E-12	1.03E-07	3.26E-11	9.48E-12
6038	479732.88, 3850933.83	1.06E-07	3.36E-11	9.77E-12	1.05E-07	3.32E-11	9.65E-12	1.02E-07	3.22E-11	9.37E-12
6039	479645.02, 3850891.18	1.05E-07	3.32E-11	9.66E-12	1.04E-07	3.28E-11	9.54E-12	1.01E-07	3.18E-11	9.26E-12
6040	479557.17, 3850848.54	1.04E-07	3.29E-11	9.58E-12	1.03E-07	3.25E-11	9.46E-12	1.00E-07	3.16E-11	9.18E-12
6041	479469.32, 3850805.89	1.03E-07	3.25E-11	9.45E-12	1.02E-07	3.21E-11	9.33E-12	9.87E-08	3.11E-11	9.06E-12
6042	479381.46, 3850763.24	1.02E-07	3.23E-11	9.39E-12	1.01E-07	3.19E-11	9.27E-12	9.80E-08	3.09E-11	9.00E-12
6043	479293.61, 3850720.59	1.02E-07	3.22E-11	9.37E-12	1.01E-07	3.18E-11	9.24E-12	9.78E-08	3.09E-11	8.98E-12
6044	479205.76, 3850677.95	1.02E-07	3.21E-11	9.33E-12	1.00E-07	3.17E-11	9.21E-12	9.74E-08	3.07E-11	8.94E-12
6045	479117.9, 3850635.3	1.01E-07	3.20E-11	9.31E-12	1.00E-07	3.16E-11	9.19E-12	9.72E-08	3.07E-11	8.92E-12
6046	479030.05, 3850592.65	1.01E-07	3.18E-11	9.26E-12	9.95E-08	3.14E-11	9.14E-12	9.67E-08	3.05E-11	8.87E-12
6047	478942.19, 3850550	9.94E-08	3.14E-11	9.13E-12	9.81E-08	3.10E-11	9.01E-12	9.53E-08	3.01E-11	8.75E-12
6048	478854.34, 3850507.36	9.71E-08	3.06E-11	8.91E-12	9.58E-08	3.02E-11	8.80E-12	9.30E-08	2.94E-11	8.54E-12
6049	478766.49, 3850464.71	9.58E-08	3.02E-11	8.79E-12	9.45E-08	2.98E-11	8.68E-12	9.18E-08	2.90E-11	8.43E-12
6050	478678.63, 3850422.06	9.47E-08	2.99E-11	8.70E-12	9.35E-08	2.95E-11	8.58E-12	9.08E-08	2.87E-11	8.34E-12
6051	478590.78, 3850379.41	9.36E-08	2.95E-11	8.59E-12	9.23E-08	2.91E-11	8.48E-12	8.97E-08	2.83E-11	8.23E-12
6052	478502.93, 3850336.77	9.27E-08	2.92E-11	8.51E-12	9.14E-08	2.89E-11	8.40E-12	8.88E-08	2.80E-11	8.15E-12
6053	478415.07, 3850294.12	9.19E-08	2.90E-11	8.43E-12	9.07E-08	2.86E-11	8.32E-12	8.81E-08	2.78E-11	8.08E-12
6054	478327.22, 3850251.47	9.08E-08	2.87E-11	8.34E-12	8.96E-08	2.83E-11	8.23E-12	8.71E-08	2.75E-11	7.99E-12
6055	478239.36, 3850208.82	8.99E-08	2.84E-11	8.26E-12	8.87E-08	2.80E-11	8.15E-12	8.62E-08	2.72E-11	7.91E-12
6056	478151.51, 3850166.18	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
6057	478063.66, 3850123.53	8.84E-08	2.79E-11	8.11E-12	8.72E-08	2.75E-11	8.01E-12	8.47E-08	2.67E-11	7.77E-12
6058	477975.8, 3850080.88	8.91E-08	2.81E-11	8.18E-12	8.80E-08	2.78E-11	8.08E-12	8.54E-08	2.70E-11	7.84E-12
6059	477887.95, 3850038.23	8.88E-08	2.80E-11	8.15E-12	8.76E-08	2.76E-11	8.04E-12	8.51E-08	2.68E-11	7.81E-12
6060	477800.1, 3849995.59	8.86E-08	2.80E-11	8.14E-12	8.75E-08	2.76E-11	8.03E-12	8.49E-08	2.68E-11	7.80E-12
6061	477712.24, 3849952.94	8.81E-08	2.78E-11	8.09E-12	8.70E-08	2.74E-11	7.98E-12	8.44E-08	2.66E-11	7.75E-12
6062	477624.39, 3849910.29	8.76E-08	2.76E-11	8.04E-12	8.64E-08	2.73E-11	7.94E-12	8.39E-08	2.65E-11	7.71E-12
6063	477536.54, 3849867.64	8.71E-08	2.75E-11	7.99E-12	8.59E-08	2.71E-11	7.89E-12	8.34E-08	2.63E-11	7.66E-12
6064	477448.68, 3849825	8.63E-08	2.72E-11	7.92E-12	8.52E-08	2.69E-11	7.82E-12	8.27E-08	2.61E-11	7.59E-12
6065	477360.83, 3849782.35	8.56E-08	2.70E-11	7.86E-12	8.45E-08	2.67E-11	7.76E-12	8.21E-08	2.59E-11	7.53E-12
6066	477272.97, 3849739.7	8.50E-08	2.68E-11	7.80E-12	8.39E-08	2.65E-11	7.70E-12	8.14E-08	2.57E-11	7.48E-12
6067	477185.12, 3849697.05	8.43E-08	2.66E-11	7.74E-12	8.32E-08	2.63E-11	7.64E-12	8.08E-08	2.55E-11	7.42E-12
6068	477097.27, 3849654.41	8.35E-08	2.64E-11	7.67E-12	8.25E-08	2.60E-11	7.57E-12	8.01E-08	2.53E-11	7.35E-12

6069	477009.41, 3849611.76	8.24E-08	2.60E-11	7.56E-12	8.13E-08	2.57E-11	7.46E-12	7.89E-08	2.49E-11	7.25E-12
6070	476841.49, 3849530.08	8.08E-08	2.55E-11	7.42E-12	7.98E-08	2.52E-11	7.32E-12	7.75E-08	2.44E-11	7.11E-12
6071	476761.41, 3849491.05	8.03E-08	2.53E-11	7.37E-12	7.92E-08	2.50E-11	7.28E-12	7.70E-08	2.43E-11	7.06E-12
6072	476681.34, 3849452.02	7.95E-08	2.51E-11	7.30E-12	7.85E-08	2.48E-11	7.20E-12	7.62E-08	2.41E-11	7.00E-12
6073	476601.26, 3849412.99	7.86E-08	2.48E-11	7.22E-12	7.76E-08	2.45E-11	7.12E-12	7.53E-08	2.38E-11	6.92E-12
6074	476456.32, 3849353.67	7.66E-08	2.42E-11	7.04E-12	7.56E-08	2.39E-11	6.94E-12	7.35E-08	2.32E-11	6.74E-12
6075	476305.43, 3849318.84	7.65E-08	2.42E-11	7.02E-12	7.55E-08	2.38E-11	6.93E-12	7.33E-08	2.31E-11	6.73E-12
6076	476129.36, 3849289.99	7.60E-08	2.40E-11	6.98E-12	7.50E-08	2.37E-11	6.89E-12	7.28E-08	2.30E-11	6.69E-12
6077	476039.31, 3849275.68	7.57E-08	2.39E-11	6.95E-12	7.48E-08	2.36E-11	6.86E-12	7.26E-08	2.29E-11	6.66E-12
6078	475949.26, 3849261.38	7.47E-08	2.36E-11	6.86E-12	7.37E-08	2.33E-11	6.77E-12	7.16E-08	2.26E-11	6.57E-12
6079	475859.21, 3849247.08	7.43E-08	2.35E-11	6.82E-12	7.33E-08	2.31E-11	6.73E-12	7.12E-08	2.25E-11	6.54E-12
6080	475769.16, 3849232.77	7.37E-08	2.32E-11	6.76E-12	7.27E-08	2.29E-11	6.67E-12	7.06E-08	2.23E-11	6.48E-12
6081	475585.23, 3849219.27	6.65E-08	2.10E-11	6.10E-12	6.56E-08	2.07E-11	6.03E-12	6.37E-08	2.01E-11	5.85E-12
6082	475444.5, 3849150.35	6.96E-08	2.20E-11	6.39E-12	6.87E-08	2.17E-11	6.31E-12	6.67E-08	2.11E-11	6.13E-12
6083	475334.18, 3849118.71	6.98E-08	2.20E-11	6.40E-12	6.88E-08	2.17E-11	6.32E-12	6.69E-08	2.11E-11	6.14E-12
6084	475230.47, 3849060.57	6.91E-08	2.18E-11	6.34E-12	6.82E-08	2.15E-11	6.26E-12	6.62E-08	2.09E-11	6.08E-12
6085	475110.86, 3848960.97	6.79E-08	2.14E-11	6.24E-12	6.70E-08	2.12E-11	6.15E-12	6.51E-08	2.05E-11	5.98E-12
6086	475037.79, 3848896.28	6.69E-08	2.11E-11	6.14E-12	6.60E-08	2.08E-11	6.06E-12	6.41E-08	2.02E-11	5.89E-12
6087	474964.72, 3848831.59	6.58E-08	2.08E-11	6.05E-12	6.50E-08	2.05E-11	5.97E-12	6.31E-08	1.99E-11	5.79E-12
6088	474891.65, 3848766.9	6.52E-08	2.06E-11	5.99E-12	6.43E-08	2.03E-11	5.91E-12	6.25E-08	1.97E-11	5.74E-12
6089	474818.58, 3848702.22	6.48E-08	2.05E-11	5.95E-12	6.40E-08	2.02E-11	5.87E-12	6.21E-08	1.96E-11	5.70E-12
6090	474745.51, 3848637.53	6.53E-08	2.06E-11	6.00E-12	6.45E-08	2.03E-11	5.92E-12	6.26E-08	1.98E-11	5.75E-12
6091	474672.44, 3848572.84	6.51E-08	2.05E-11	5.97E-12	6.42E-08	2.03E-11	5.90E-12	6.24E-08	1.97E-11	5.72E-12
6092	474599.37, 3848508.15	6.42E-08	2.02E-11	5.89E-12	6.33E-08	2.00E-11	5.81E-12	6.15E-08	1.94E-11	5.64E-12
6093	474526.3, 3848443.46	6.36E-08	2.01E-11	5.84E-12	6.28E-08	1.98E-11	5.77E-12	6.10E-08	1.92E-11	5.60E-12

Appendix A4.4: Burden

Mainline - No Project (Burden)

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70 (2033)	16<70 (2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70 (2033)	16<70 (2048)	Total Risk
1	485973.6	3854936.5	1.19E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.66E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.30E-08	9.97E-08	1.58E-07	2.79E-08	1.50E-07	8.54E-07
2	486023.6	3854936.5	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.05E-07	7.22E-07	6.54E-07	2.98E-07	2.82E-07	1.35E-08	3.25E-07	7.17E-08	9.80E-08	1.55E-07	2.74E-08	1.48E-07	8.39E-07
3	486073.6	3854936.5	1.15E-03	1.18E-03	1.11E-03	3.97E-07	1.20E-06	6.95E-07	7.12E-07	6.45E-07	2.94E-07	2.78E-07	1.33E-08	3.21E-07	7.07E-08	9.66E-08	1.53E-07	2.70E-08	1.46E-07	8.27E-07
4	486123.6	3854936.5	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.17E-06	6.80E-07	6.96E-07	6.31E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.92E-08	9.45E-08	1.50E-07	2.64E-08	1.43E-07	8.09E-07
5	486173.6	3854936.5	1.11E-03	1.14E-03	1.08E-03	3.85E-07	1.16E-06	6.73E-07	6.90E-07	6.25E-07	2.85E-07	2.69E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.62E-08	1.41E-07	8.02E-07
6	486223.6	3854936.5	1.10E-03	1.12E-03	1.06E-03	3.79E-07	1.14E-06	6.63E-07	6.79E-07	6.15E-07	2.81E-07	2.65E-07	1.27E-08	3.06E-07	6.75E-08	9.21E-08	1.46E-07	2.58E-08	1.39E-07	7.89E-07
7	486273.6	3854936.5	1.08E-03	1.11E-03	1.04E-03	3.74E-07	1.13E-06	6.54E-07	6.70E-07	6.07E-07	2.77E-07	2.61E-07	1.25E-08	3.02E-07	6.66E-08	9.09E-08	1.44E-07	2.54E-08	1.37E-07	7.78E-07
8	486323.6	3854936.5	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.12E-06	6.46E-07	6.61E-07	5.99E-07	2.74E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.98E-08	1.42E-07	2.51E-08	1.35E-07	7.69E-07
9	485973.6	3854986.5	1.21E-03	1.24E-03	1.17E-03	4.20E-07	1.27E-06	7.35E-07	7.53E-07	6.82E-07	3.11E-07	2.94E-07	1.40E-08	3.39E-07	7.48E-08	1.02E-07	1.62E-07	2.86E-08	1.54E-07	8.75E-07
10	486023.6	3854986.5	1.20E-03	1.22E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.41E-07	6.72E-07	3.06E-07	2.89E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.81E-08	1.52E-07	8.61E-07
11	486073.6	3854986.5	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.76E-08	1.49E-07	8.45E-07
12	486123.6	3854986.5	1.15E-03	1.18E-03	1.12E-03	4.00E-07	1.21E-06	6.98E-07	7.15E-07	6.48E-07	2.96E-07	2.79E-07	1.33E-08	3.22E-07	7.11E-08	9.71E-08	1.54E-07	2.72E-08	1.46E-07	8.31E-07
13	486173.6	3854986.5	1.14E-03	1.17E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	7.06E-07	6.40E-07	2.92E-07	2.75E-07	1.32E-08	3.18E-07	7.02E-08	9.59E-08	1.52E-07	2.68E-08	1.45E-07	8.21E-07
14	486223.6	3854986.5	1.12E-03	1.15E-03	1.08E-03	3.88E-07	1.17E-06	6.78E-07	6.94E-07	6.29E-07	2.87E-07	2.71E-07	1.29E-08	3.13E-07	6.90E-08	9.43E-08	1.50E-07	2.64E-08	1.42E-07	8.07E-07
15	486273.6	3854986.5	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.65E-07	6.81E-07	6.18E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.77E-08	9.25E-08	1.47E-07	2.59E-08	1.40E-07	7.92E-07
16	486323.6	3854986.5	1.09E-03	1.12E-03	1.06E-03	3.79E-07	1.14E-06	6.62E-07	6.78E-07	6.14E-07	2.80E-07	2.64E-07	1.26E-08	3.05E-07	6.74E-08	9.20E-08	1.46E-07	2.57E-08	1.39E-07	7.88E-07
17	485973.6	3855036.5	1.25E-03	1.28E-03	1.20E-03	4.31E-07	1.30E-06	7.54E-07	7.72E-07	7.00E-07	3.19E-07	3.01E-07	1.44E-08	3.48E-07	7.67E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.97E-07
18	486023.6	3855036.5	1.22E-03	1.25E-03	1.18E-03	4.24E-07	1.28E-06	7.41E-07	7.59E-07	6.88E-07	3.14E-07	2.96E-07	1.42E-08	3.42E-07	7.55E-08	1.03E-07	1.64E-07	2.88E-08	1.55E-07	8.83E-07
19	486073.6	3855036.5	1.20E-03	1.23E-03	1.16E-03	4.15E-07	1.25E-06	7.26E-07	7.44E-07	6.74E-07	3.08E-07	2.90E-07	1.39E-08	3.35E-07	7.39E-08	1.01E-07	1.60E-07	2.82E-08	1.52E-07	8.64E-07
20	486123.6	3855036.5	1.18E-03	1.21E-03	1.14E-03	4.08E-07	1.23E-06	7.14E-07	7.31E-07	6.62E-07	3.02E-07	2.85E-07	1.36E-08	3.29E-07	7.27E-08	9.92E-08	1.57E-07	2.77E-08	1.50E-07	8.50E-07
21	486173.6	3855036.5	1.17E-03	1.19E-03	1.13E-03	4.04E-07	1.22E-06	7.05E-07	7.23E-07	6.55E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.18E-08	9.81E-08	1.56E-07	2.74E-08	1.48E-07	8.40E-07
22	486223.6	3855036.5	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.92E-07	7.09E-07	6.43E-07	2.93E-07	2.77E-07	1.32E-08	3.19E-07	7.05E-08	9.62E-08	1.53E-07	2.69E-08	1.45E-07	8.24E-07
23	486273.6	3855036.5	1.13E-03	1.16E-03	1.09E-03	3.92E-07	1.18E-06	6.85E-07	7.02E-07	6.36E-07	2.90E-07	2.74E-07	1.31E-08	3.16E-07	6.97E-08	9.52E-08	1.51E-07	2.66E-08	1.44E-07	8.16E-07
24	486323.6	3855036.5	1.11E-03	1.14E-03	1.08E-03	3.86E-07	1.16E-06	6.74E-07	6.91E-07	6.26E-07	2.86E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.62E-08	1.41E-07	8.03E-07
25	485973.6	3855086.5	1.28E-03	1.31E-03	1.23E-03	4.42E-07	1.33E-06	7.72E-07	7.91E-07	7.17E-07	3.27E-07	3.09E-07	1.48E-08	3.56E-07	7.87E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.20E-07
26	486023.6	3855086.5	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.79E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.06E-07
27	486073.6	3855086.5	1.23E-03	1.26E-03	1.19E-03	4.26E-07	1.29E-06	7.45E-07	7.63E-07	6.91E-07	3.16E-07	2.98E-07	1.42E-08	3.44E-07	7.58E-08	1.04E-07	1.64E-07	2.90E-08	1.56E-07	8.87E-07
28	486123.6	3855086.5	1.21E-03	1.24E-03	1.17E-03	4.20E-07	1.27E-06	7.34E-07	7.52E-07	6.82E-07	3.11E-07	2.93E-07	1.40E-08	3.39E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.74E-07
29	486173.6	3855086.5	1.19E-03	1.22E-03	1.15E-03	4.12E-07	1.24E-06	7.20E-07	7.37E-07	6.68E-07	3.05E-07	2.88E-07	1.38E-08	3.32E-07	7.33E-08	1.00E-07	1.59E-07	2.80E-08	1.51E-07	8.57E-07
30	486223.6	3855086.5	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.76E-08	1.49E-07	8.45E-07
31	485973.6	3855136.5	1.32E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.96E-07	8.15E-07	7.39E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.10E-08	1.11E-07	1.76E-07	3.09E-08	1.67E-07	9.47E-07
32	486023.6	3855136.5	1.29E-03	1.32E-03	1.25E-03	4.47E-07	1.35E-06	7.80E-07	7.99E-07	7.25E-07	3.31E-07	3.12E-07	1.49E-08	3.60E-07	7.95E-08	1.09E-07	1.72E-07	3.03E-08	1.64E-07	9.29E-07
33	486073.6	3855136.5	1.26E-03	1.30E-03	1.22E-03	4.38E-07	1.32E-06	7.65E-07	7.84E-07	7.11E-07	3.24E-07	3.06E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.98E-08	1.61E-07	9.11E-07
34	486123.6	3855136.5	1.24E-03	1.27E-03	1.20E-03	4.31E-07	1.30E-06	7.53E-07	7.71E-07	6.99E-07	3.19E-07	3.01E-07	1.44E-08	3.47E-07	7.67E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.96E-07
35	486173.6	3855136.5	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.57E-07	6.87E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.53E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.80E-07
36	486223.6	3855136.5	1.20E-03	1.23E-03	1.16E-03	4.16E-07	1.26E-06	7.27E-07	7.45E-07	6.75E-07	3.08E-07	2.90E-07	1.39E-08	3.35E-07	7.40E-08	1.01E-07	1.60E-07	2.83E-08	1.52E-07	8.65E-07
37	485973.6	3855186.5	1.35E-03	1.39E-03	1.31E-03	4.68E-07	1.41E-06	8.19E-07	8.39E-07	7.60E-07	3.47E-07	3.27E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.18E-08	1.72E-07	9.75E-07
38	486023.6	3855186.5	1.33E-03	1.36E-03	1.28E-03	4.60E-07	1.39E-06	8.04E-07	8.23E-07	7.46E-07	3.40E-07	3.21E-07	1.54E-08	3.71E-07	8.18E-08	1.12E-07	1.77E-07	3.12E-08	1.69E-07	9.57E-07
39	486073.6	3855186.5	1.30E-03	1.33E-03	1.25E-03	4.50E-07	1.36E-06	7.86E-07	8.05E-07	7.30E-07	3.33E-07	3.14E-07	1.50E-08	3.63E-07	8.00E-08	1.09E-07	1.73E-07	3.06E-08	1.65E-07	9.36E-07
40	486123.6	3855186.5	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.69E-07	7.88E-07	7.14E-07	3.26E-07	3.07E-07	1.47E-08	3.55E-07	7.83E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.15E-07
41	486173.6	3855186.5	1.25E-03	1.28E-03	1.21E-03	4.32E-07	1.31E-06	7.55E-07	7.74E-07	7.01E-07	3.20E-07	3.02E-07	1.44E-08	3.49E-07	7.69E-08	1.05E-07	1.67E-07	2.94E-08	1.58E-07	9.00E-07
42	486223.6	3855186.5	1.23E-03	1.26E-03	1.19E-03	4.25E-07	1.28E-06	7.43E-07	7.61E-07	6.90E-07	3.15E-07	2.97E-07	1.42E-08	3.43E-07	7.57E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.85E-07
43	486273.6	3855186.5	1.21E-03	1.23E-03	1.16E-03	4.17E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.09E-07	2.92E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.84E-08	1.53E-07	8.69E-07
44	486323.6	3855186.5	1.20E-03	1.23E-03	1.16E-03	4.15E-07	1.25E-06	7.26E-07	7.44E-07	6.74E-07	3.08E-07	2.90E-07	1.39E-08	3.35E-07	7.39E-08	1.01E-07	1.60E-07	2.82E-08	1.52E-07	8.64E-07
45	485973.6	3855236.5	1.39E-03	1.43E-03	1.34E-03	4.82E-07	1.45E-06	8.42E-07	8.63E-07	7.82E-07	3.57E-07	3.37E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.27E-08	1.77E-07	1.00E-06
46	486023.6	3855236.5	1.36E-03	1.39E-03	1.31E-03	4.71E-07	1.42E-06	8.23E-07	8.43E-07	7.64E-07	3.49E-07	3.29E-07	1.57E-08	3.80E-07	8.38E-08	1.14E-07	1.82E-07	3.20E-08	1.73E-07	9.80E-07
47	486073.6	3855236.5	1.33E-03	1.36E-03	1.28E-03	4.60E-07	1.39E-06	8.04E-07	8.23E-07	7.46E-07	3.40E-07	3.21E-07	1.54E-08	3.71E-07	8.18E-08	1.12E-07	1.77E-07	3.12E-08	1.69E-07	9.57E-07
48	486123.6	3855236.5	1.30E-03	1.33E-03	1.26E-03	4.51E-07	1.36E-06	7.89E-07	8.08E-07	7.32E-07	3.34E-07	3.15E-07	1.51E-08	3.64E-07	8.03E-08	1.10E-07	1.74E-07	3.07E-08	1.65E-07	9.39E-07
49	486173.6	3855236.5	1.28E-03	1.31E-03	1.24E-03	4.43E-07	1.34E-06	7.74E-07	7.93E-07	7.19E-07	3.28E-07	3.09E-07	1.48E-08	3.57E-07	7.88E-08	1.08E-07	1.71E-07	3.01E-08	1.62E-07	9.22E-07

50	486223.6	3855236.5	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.60E-07	7.78E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.74E-08	1.06E-07	1.68E-07	2.95E-08	1.59E-07	9.05E-07
51	486273.6	3855236.5	1.23E-03	1.26E-03	1.18E-03	4.25E-07	1.28E-06	7.42E-07	7.60E-07	6.89E-07	3.14E-07	2.97E-07	1.42E-08	3.42E-07	7.56E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.84E-07
52	486323.6	3855236.5	1.23E-03	1.26E-03	1.19E-03	4.25E-07	1.28E-06	7.43E-07	7.61E-07	6.90E-07	3.15E-07	2.97E-07	1.42E-08	3.43E-07	7.57E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.85E-07
53	485973.6	3855286.5	1.43E-03	1.47E-03	1.38E-03	4.96E-07	1.50E-06	8.66E-07	8.87E-07	8.04E-07	3.67E-07	3.46E-07	1.65E-08	4.00E-07	8.82E-08	1.20E-07	1.91E-07	3.37E-08	1.82E-07	1.03E-06
54	486023.6	3855286.5	1.40E-03	1.43E-03	1.35E-03	4.83E-07	1.46E-06	8.45E-07	8.65E-07	7.84E-07	3.58E-07	3.38E-07	1.61E-08	3.90E-07	8.60E-08	1.17E-07	1.86E-07	3.28E-08	1.77E-07	1.01E-06
55	486073.6	3855286.5	1.37E-03	1.40E-03	1.32E-03	4.73E-07	1.43E-06	8.26E-07	8.46E-07	7.67E-07	3.50E-07	3.30E-07	1.58E-08	3.81E-07	8.41E-08	1.15E-07	1.82E-07	3.21E-08	1.73E-07	9.84E-07
56	486123.6	3855286.5	1.33E-03	1.37E-03	1.29E-03	4.62E-07	1.39E-06	8.07E-07	8.27E-07	7.50E-07	3.42E-07	3.23E-07	1.54E-08	3.73E-07	8.22E-08	1.12E-07	1.78E-07	3.14E-08	1.69E-07	9.61E-07
57	486173.6	3855286.5	1.31E-03	1.34E-03	1.26E-03	4.53E-07	1.37E-06	7.91E-07	8.10E-07	7.35E-07	3.35E-07	3.16E-07	1.51E-08	3.65E-07	8.06E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.42E-07
58	486223.6	3855286.5	1.29E-03	1.32E-03	1.24E-03	4.45E-07	1.34E-06	7.78E-07	7.97E-07	7.22E-07	3.30E-07	3.11E-07	1.49E-08	3.59E-07	7.92E-08	1.08E-07	1.72E-07	3.02E-08	1.63E-07	9.26E-07
59	486123.6	3855336.5	1.37E-03	1.40E-03	1.32E-03	4.73E-07	1.43E-06	8.27E-07	8.47E-07	7.68E-07	3.50E-07	3.30E-07	1.58E-08	3.82E-07	8.42E-08	1.15E-07	1.82E-07	3.21E-08	1.73E-07	9.85E-07
60	486173.6	3855336.5	1.34E-03	1.37E-03	1.30E-03	4.64E-07	1.40E-06	8.12E-07	8.31E-07	7.54E-07	3.44E-07	3.24E-07	1.55E-08	3.75E-07	8.27E-08	1.13E-07	1.79E-07	3.16E-08	1.70E-07	9.67E-07
61	486223.6	3855336.5	1.32E-03	1.35E-03	1.27E-03	4.56E-07	1.38E-06	7.97E-07	8.16E-07	7.40E-07	3.37E-07	3.18E-07	1.52E-08	3.68E-07	8.11E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.48E-07
62	486123.6	3855386.5	1.40E-03	1.44E-03	1.36E-03	4.86E-07	1.47E-06	8.49E-07	8.70E-07	7.88E-07	3.60E-07	3.39E-07	1.62E-08	3.92E-07	8.65E-08	1.18E-07	1.87E-07	3.30E-08	1.78E-07	1.01E-06
63	486173.6	3855386.5	1.38E-03	1.41E-03	1.33E-03	4.76E-07	1.44E-06	8.32E-07	8.52E-07	7.73E-07	3.53E-07	3.33E-07	1.59E-08	3.84E-07	8.47E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.91E-07
64	486223.6	3855386.5	1.35E-03	1.38E-03	1.30E-03	4.67E-07	1.41E-06	8.17E-07	8.37E-07	7.59E-07	3.46E-07	3.27E-07	1.56E-08	3.77E-07	8.32E-08	1.14E-07	1.80E-07	3.18E-08	1.71E-07	9.73E-07
65	486533.2	3855443.2	1.26E-03	1.29E-03	1.22E-03	4.36E-07	1.32E-06	7.63E-07	7.81E-07	7.08E-07	3.23E-07	3.05E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.97E-08	1.60E-07	9.08E-07
66	486583.2	3855443.2	1.24E-03	1.27E-03	1.20E-03	4.29E-07	1.30E-06	7.50E-07	7.68E-07	6.96E-07	3.18E-07	3.00E-07	1.43E-08	3.46E-07	7.64E-08	1.04E-07	1.65E-07	2.92E-08	1.57E-07	8.93E-07
67	486633.2	3855443.2	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.56E-07	6.86E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.52E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.79E-07
68	486683.2	3855443.2	1.21E-03	1.23E-03	1.16E-03	4.17E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.09E-07	2.92E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.84E-08	1.53E-07	8.69E-07
69	486533.2	3855493.2	1.29E-03	1.32E-03	1.24E-03	4.46E-07	1.35E-06	7.80E-07	7.98E-07	7.24E-07	3.30E-07	3.12E-07	1.49E-08	3.60E-07	7.94E-08	1.08E-07	1.72E-07	3.03E-08	1.63E-07	9.28E-07
70	486583.2	3855493.2	1.27E-03	1.30E-03	1.22E-03	4.39E-07	1.33E-06	7.67E-07	7.86E-07	7.12E-07	3.25E-07	3.07E-07	1.47E-08	3.54E-07	7.81E-08	1.07E-07	1.69E-07	2.98E-08	1.61E-07	9.13E-07
71	486633.2	3855493.2	1.25E-03	1.28E-03	1.21E-03	4.32E-07	1.31E-06	7.55E-07	7.74E-07	7.01E-07	3.20E-07	3.02E-07	1.44E-08	3.49E-07	7.69E-08	1.05E-07	1.67E-07	2.94E-08	1.58E-07	9.00E-07
72	486683.2	3855493.2	1.23E-03	1.26E-03	1.19E-03	4.26E-07	1.28E-06	7.44E-07	7.62E-07	6.91E-07	3.15E-07	2.97E-07	1.42E-08	3.43E-07	7.57E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.86E-07
73	486533.2	3855543.2	1.32E-03	1.35E-03	1.27E-03	4.57E-07	1.38E-06	7.98E-07	8.18E-07	7.41E-07	3.38E-07	3.19E-07	1.53E-08	3.68E-07	8.13E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.51E-07
74	486583.2	3855543.2	1.29E-03	1.32E-03	1.25E-03	4.48E-07	1.35E-06	7.82E-07	8.01E-07	7.26E-07	3.31E-07	3.13E-07	1.49E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	3.04E-08	1.64E-07	9.31E-07
75	486633.2	3855543.2	1.27E-03	1.30E-03	1.23E-03	4.41E-07	1.33E-06	7.71E-07	7.89E-07	7.16E-07	3.26E-07	3.08E-07	1.47E-08	3.56E-07	7.85E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.18E-07
76	486683.2	3855543.2	1.25E-03	1.28E-03	1.21E-03	4.33E-07	1.31E-06	7.56E-07	7.75E-07	7.02E-07	3.20E-07	3.02E-07	1.45E-08	3.49E-07	7.70E-08	1.05E-07	1.67E-07	2.94E-08	1.59E-07	9.01E-07
77	486533.2	3855593.2	1.35E-03	1.38E-03	1.30E-03	4.66E-07	1.41E-06	8.15E-07	8.35E-07	7.57E-07	3.45E-07	3.26E-07	1.56E-08	3.76E-07	8.30E-08	1.13E-07	1.80E-07	3.17E-08	1.71E-07	9.71E-07
78	486583.2	3855593.2	1.32E-03	1.36E-03	1.28E-03	4.58E-07	1.38E-06	8.01E-07	8.20E-07	7.44E-07	3.39E-07	3.20E-07	1.53E-08	3.70E-07	8.16E-08	1.11E-07	1.77E-07	3.11E-08	1.68E-07	9.54E-07
79	486633.2	3855593.2	1.30E-03	1.33E-03	1.26E-03	4.51E-07	1.36E-06	7.88E-07	8.07E-07	7.31E-07	3.34E-07	3.15E-07	1.50E-08	3.63E-07	8.02E-08	1.10E-07	1.74E-07	3.06E-08	1.65E-07	9.38E-07
80	486683.2	3855593.2	1.28E-03	1.31E-03	1.24E-03	4.44E-07	1.34E-06	7.76E-07	7.95E-07	7.21E-07	3.29E-07	3.10E-07	1.48E-08	3.58E-07	7.90E-08	1.08E-07	1.71E-07	3.02E-08	1.63E-07	9.24E-07
81	486533.2	3855643.2	1.38E-03	1.41E-03	1.33E-03	4.78E-07	1.44E-06	8.35E-07	8.55E-07	7.75E-07	3.54E-07	3.34E-07	1.60E-08	3.85E-07	8.50E-08	1.16E-07	1.84E-07	3.25E-08	1.75E-07	9.94E-07
82	486583.2	3855643.2	1.35E-03	1.39E-03	1.31E-03	4.69E-07	1.42E-06	8.20E-07	8.40E-07	7.61E-07	3.47E-07	3.28E-07	1.57E-08	3.78E-07	8.35E-08	1.14E-07	1.81E-07	3.19E-08	1.72E-07	9.76E-07
83	486633.2	3855643.2	1.33E-03	1.36E-03	1.29E-03	4.61E-07	1.39E-06	8.05E-07	8.25E-07	7.48E-07	3.41E-07	3.22E-07	1.54E-08	3.72E-07	8.20E-08	1.12E-07	1.78E-07	3.13E-08	1.69E-07	9.59E-07
84	486683.2	3855643.2	1.31E-03	1.34E-03	1.26E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.36E-07	3.17E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.43E-07
85	486533.2	3855693.2	1.42E-03	1.45E-03	1.37E-03	4.90E-07	1.48E-06	8.57E-07	8.78E-07	7.96E-07	3.63E-07	3.43E-07	1.64E-08	3.96E-07	8.73E-08	1.19E-07	1.89E-07	3.33E-08	1.80E-07	1.02E-06
86	486583.2	3855693.2	1.38E-03	1.42E-03	1.34E-03	4.79E-07	1.45E-06	8.38E-07	8.58E-07	7.78E-07	3.55E-07	3.35E-07	1.60E-08	3.87E-07	8.53E-08	1.16E-07	1.85E-07	3.26E-08	1.76E-07	9.97E-07
87	486633.2	3855693.2	1.35E-03	1.39E-03	1.31E-03	4.68E-07	1.41E-06	8.19E-07	8.39E-07	7.60E-07	3.47E-07	3.27E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.18E-08	1.72E-07	9.75E-07
88	486683.2	3855693.2	1.34E-03	1.37E-03	1.29E-03	4.63E-07	1.40E-06	8.09E-07	8.29E-07	7.51E-07	3.43E-07	3.23E-07	1.55E-08	3.73E-07	8.24E-08	1.13E-07	1.78E-07	3.15E-08	1.70E-07	9.63E-07
89	486733.2	3855693.2	1.33E-03	1.36E-03	1.28E-03	4.59E-07	1.39E-06	8.03E-07	8.22E-07	7.45E-07	3.40E-07	3.21E-07	1.53E-08	3.70E-07	8.17E-08	1.12E-07	1.77E-07	3.12E-08	1.68E-07	9.56E-07
90	486783.2	3855693.2	1.32E-03	1.35E-03	1.27E-03	4.57E-07	1.38E-06	7.98E-07	8.18E-07	7.41E-07	3.38E-07	3.19E-07	1.53E-08	3.68E-07	8.13E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.51E-07
91	486533.2	3855743.2	1.45E-03	1.49E-03	1.40E-03	5.02E-07	1.52E-06	8.78E-07	8.99E-07	8.15E-07	3.72E-07	3.51E-07	1.68E-08	4.05E-07	8.94E-08	1.22E-07	1.94E-07	3.41E-08	1.84E-07	1.05E-06
92	486583.2	3855743.2	1.41E-03	1.45E-03	1.36E-03	4.89E-07	1.48E-06	8.55E-07	8.75E-07	7.93E-07	3.62E-07	3.42E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.89E-07	3.32E-08	1.79E-07	1.02E-06
93	486633.2	3855743.2	1.38E-03	1.42E-03	1.34E-03	4.79E-07	1.45E-06	8.38E-07	8.58E-07	7.78E-07	3.55E-07	3.35E-07	1.60E-08	3.87E-07	8.53E-08	1.16E-07	1.85E-07	3.26E-08	1.76E-07	9.97E-07
94	486683.2	3855743.2	1.37E-03	1.40E-03	1.32E-03	4.75E-07	1.43E-06	8.30E-07	8.50E-07	7.70E-07	3.51E-07	3.32E-07	1.58E-08	3.83E-07	8.45E-08	1.15E-07	1.83E-07	3.23E-08	1.74E-07	9.88E-07
95	486733.2	3855743.2	1.35E-03	1.39E-03	1.31E-03	4.68E-07	1.41E-06	8.19E-07	8.39E-07	7.60E-07	3.47E-07	3.27E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.18E-08	1.72E-07	9.75E-07
96	486783.2	3855743.2	1.35E-03	1.38E-03	1.30E-03	4.67E-07	1.41E-06	8.16E-07	8.36E-07	7.58E-07	3.46E-07	3.26E-07	1.56E-08	3.77E-07	8.31E-08	1.14E-07	1.80E-07	3.17E-08	1.71E-07	9.72E-07
97	486533.2	3855793.2	1.49E-03	1.52E-03	1.44E-03	5.15E-07	1.55E-06	9.00E-07	9.22E-07	8.36E-07	3.81E-07	3.60E-07	1.72E-08	4.15E-07	9.17E-08	1.25E-07	1.99E-07	3.50E-08	1.89E-07	1.07E-06
98	486583.2	3855793.2	1.44E-03	1.47E-03	1.39E-03	4.98E-07	1.50E-06	8.71E-07	8.92E-07	8.08E-07	3.69E-07	3.48E-07	1.66E-08	4.02E-07	8.87E-08	1.21E-07	1.92E-07	3.39E-08	1.83E-07	1.04E-06
99	486633.2	3855793.2	1.42E-03	1.46E-03	1.37E-03	4.93E-07	1.49E-06	8.61E-07	8.82E-07	7.99E-07	3.65E-07	3.44E-07	1.64E-08	3.97E-07	8.77E-08	1.20E-07	1.90E-07	3.35E-08	1.81E-07	1.02E-06
100	486683.2	3855793.2	1.41E-03	1.44E-03	1.36E-03	4.88E-07	1.47E-06	8.53E-07	8.73E-07	7.92E-07	3.61E-07	3.41E-07	1.63E-08	3.94E-07	8.68E-08	1.19E-07	1.88E-07	3.32E-08	1.79E-07	1.02E-06
101	486733.2	3855793.2	1.39E-03	1.43E-03	1.34E-03	4.82E-07	1.45E-06	8.42E-07	8.63E-07	7.82E-07	3.57E-07	3.37E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.27E-08	1.77E-07	1.00E-06
102	486783.2	3855793.2	1.38E-03	1.41E-03	1.33E-03	4.77E-07	1.44E-06	8.34E-07	8.54E-07	7.74E-07	3.53E-07	3.33E-07	1.59E-08	3.85E-07	8.49E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.93E-07
103	486533.2	3855843.2	1.52E-03	1.56E-03	1.47E-03	5.26E-07	1.59E-06	9.19E-07	9.41E-07	8.53E-07	3.89E-07	3.67E-07	1.76E-08	4.24E-07	9.36E-08	1.28E-07	2.03E-07	3.57E-08	1.93E-07	1.09E-06
104	486583.2	3855843.2	1.48E-03	1.51E-03	1.43E-03	5.11E-07	1.54E-06	8.94E-07	9.16E-07	8.30E-07	3.79E-07	3.57E-07	1.71E-08	4.13E-07	9.10E-08	1.24E-07	1.97E-07	3.48E-08	1.87E-07	1.06E-06
105	486633.2	3855843.2	1.46E-03	1.49E-03	1.41E-03	5.05E-07	1.53E-06	8.83E-07	9.05E-07	8.20E-07	3.74E-07	3.53E-07	1.69E-08	4.08E-07	8.99E-08	1.23E-07	1.95E-07	3.43E-08	1.85E-07	1.05E-06

106	486683.2	3855843.2	1.44E-03	1.48E-03	1.39E-03	5.00E-07	1.51E-06	8.73E-07	8.95E-07	8.11E-07	3.70E-07	3.49E-07	1.67E-08	4.03E-07	8.89E-08	1.21E-07	1.93E-07	3.40E-08	1.83E-07	1.04E-06
107	486733.2	3855843.2	1.43E-03	1.46E-03	1.38E-03	4.95E-07	1.49E-06	8.64E-07	8.85E-07	8.03E-07	3.66E-07	3.45E-07	1.65E-08	3.99E-07	8.80E-08	1.20E-07	1.91E-07	3.36E-08	1.81E-07	1.03E-06
108	486783.2	3855843.2	1.41E-03	1.45E-03	1.36E-03	4.89E-07	1.48E-06	8.55E-07	8.75E-07	7.93E-07	3.62E-07	3.42E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.89E-07	3.32E-08	1.79E-07	1.02E-06
109	486533.2	3855893.2	1.54E-03	1.58E-03	1.49E-03	5.33E-07	1.61E-06	9.32E-07	9.55E-07	8.66E-07	3.95E-07	3.73E-07	1.78E-08	4.30E-07	9.49E-08	1.30E-07	2.06E-07	3.62E-08	1.96E-07	1.11E-06
110	486583.2	3855893.2	1.52E-03	1.56E-03	1.47E-03	5.26E-07	1.59E-06	9.20E-07	9.42E-07	8.54E-07	3.90E-07	3.68E-07	1.76E-08	4.24E-07	9.37E-08	1.28E-07	2.03E-07	3.58E-08	1.93E-07	1.10E-06
111	486633.2	3855893.2	1.50E-03	1.53E-03	1.45E-03	5.19E-07	1.57E-06	9.06E-07	9.28E-07	8.42E-07	3.84E-07	3.62E-07	1.73E-08	4.18E-07	9.23E-08	1.26E-07	2.00E-07	3.52E-08	1.90E-07	1.08E-06
112	486683.2	3855893.2	1.48E-03	1.52E-03	1.43E-03	5.12E-07	1.55E-06	8.96E-07	9.17E-07	8.32E-07	3.79E-07	3.58E-07	1.71E-08	4.13E-07	9.12E-08	1.25E-07	1.98E-07	3.48E-08	1.88E-07	1.07E-06
113	486733.2	3855893.2	1.46E-03	1.50E-03	1.41E-03	5.07E-07	1.53E-06	8.86E-07	9.07E-07	8.22E-07	3.75E-07	3.54E-07	1.69E-08	4.09E-07	9.02E-08	1.23E-07	1.95E-07	3.44E-08	1.86E-07	1.05E-06
114	486783.2	3855893.2	1.45E-03	1.49E-03	1.40E-03	5.02E-07	1.52E-06	8.78E-07	8.99E-07	8.15E-07	3.72E-07	3.51E-07	1.68E-08	4.05E-07	8.94E-08	1.22E-07	1.94E-07	3.41E-08	1.84E-07	1.05E-06
115	486533.2	3855943.2	1.58E-03	1.62E-03	1.53E-03	5.47E-07	1.65E-06	9.56E-07	9.80E-07	8.88E-07	4.05E-07	3.82E-07	1.83E-08	4.41E-07	9.74E-08	1.33E-07	2.11E-07	3.72E-08	2.01E-07	1.14E-06
116	486583.2	3855943.2	1.56E-03	1.60E-03	1.51E-03	5.42E-07	1.64E-06	9.47E-07	9.70E-07	8.79E-07	4.01E-07	3.78E-07	1.81E-08	4.37E-07	9.64E-08	1.32E-07	2.09E-07	3.68E-08	1.99E-07	1.13E-06
117	486633.2	3855943.2	1.54E-03	1.58E-03	1.49E-03	5.33E-07	1.61E-06	9.31E-07	9.54E-07	8.65E-07	3.95E-07	3.72E-07	1.78E-08	4.30E-07	9.48E-08	1.30E-07	2.05E-07	3.62E-08	1.95E-07	1.11E-06
118	486683.2	3855943.2	1.52E-03	1.56E-03	1.47E-03	5.27E-07	1.59E-06	9.22E-07	9.44E-07	8.56E-07	3.90E-07	3.68E-07	1.76E-08	4.25E-07	9.38E-08	1.28E-07	2.03E-07	3.58E-08	1.93E-07	1.10E-06
119	486733.2	3855943.2	1.50E-03	1.54E-03	1.45E-03	5.20E-07	1.57E-06	9.09E-07	9.31E-07	8.44E-07	3.85E-07	3.63E-07	1.74E-08	4.20E-07	9.26E-08	1.26E-07	2.01E-07	3.53E-08	1.91E-07	1.08E-06
120	486783.2	3855943.2	1.49E-03	1.52E-03	1.44E-03	5.15E-07	1.55E-06	9.00E-07	9.22E-07	8.36E-07	3.81E-07	3.60E-07	1.72E-08	4.15E-07	9.17E-08	1.25E-07	1.99E-07	3.50E-08	1.89E-07	1.07E-06
121	486533.2	3855993.2	1.63E-03	1.67E-03	1.57E-03	5.64E-07	1.70E-06	9.85E-07	1.01E-06	9.15E-07	4.17E-07	3.94E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.83E-08	2.07E-07	1.17E-06
122	486583.2	3855993.2	1.61E-03	1.64E-03	1.55E-03	5.56E-07	1.68E-06	9.72E-07	9.95E-07	9.02E-07	4.12E-07	3.88E-07	1.86E-08	4.48E-07	9.89E-08	1.35E-07	2.14E-07	3.78E-08	2.04E-07	1.16E-06
123	486633.2	3855993.2	1.58E-03	1.62E-03	1.53E-03	5.48E-07	1.65E-06	9.57E-07	9.80E-07	8.89E-07	4.06E-07	3.83E-07	1.83E-08	4.42E-07	9.75E-08	1.33E-07	2.11E-07	3.72E-08	2.01E-07	1.14E-06
124	486683.2	3855993.2	1.56E-03	1.60E-03	1.51E-03	5.42E-07	1.64E-06	9.47E-07	9.70E-07	8.79E-07	4.01E-07	3.78E-07	1.81E-08	4.37E-07	9.64E-08	1.32E-07	2.09E-07	3.68E-08	1.99E-07	1.13E-06
125	486733.2	3855993.2	1.54E-03	1.58E-03	1.49E-03	5.34E-07	1.61E-06	9.33E-07	9.56E-07	8.66E-07	3.95E-07	3.73E-07	1.78E-08	4.31E-07	9.50E-08	1.30E-07	2.06E-07	3.63E-08	1.96E-07	1.11E-06
126	486783.2	3855993.2	1.52E-03	1.56E-03	1.47E-03	5.28E-07	1.59E-06	9.22E-07	9.45E-07	8.56E-07	3.91E-07	3.69E-07	1.76E-08	4.26E-07	9.39E-08	1.28E-07	2.03E-07	3.59E-08	1.93E-07	1.10E-06
127	486533.2	3856043.2	1.68E-03	1.72E-03	1.62E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.42E-07	4.30E-07	4.05E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.24E-07	3.94E-08	2.13E-07	1.21E-06
128	486583.2	3856043.2	1.65E-03	1.69E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.29E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.89E-08	2.10E-07	1.19E-06
129	486633.2	3856043.2	1.63E-03	1.67E-03	1.57E-03	5.63E-07	1.70E-06	9.84E-07	1.01E-06	9.14E-07	4.17E-07	3.93E-07	1.88E-08	4.54E-07	1.00E-07	1.37E-07	2.17E-07	3.83E-08	2.06E-07	1.17E-06
130	486683.2	3856043.2	1.61E-03	1.65E-03	1.55E-03	5.57E-07	1.68E-06	9.73E-07	9.97E-07	9.04E-07	4.12E-07	3.89E-07	1.86E-08	4.49E-07	9.91E-08	1.35E-07	2.15E-07	3.78E-08	2.04E-07	1.16E-06
131	486733.2	3856043.2	1.58E-03	1.62E-03	1.53E-03	5.48E-07	1.66E-06	9.58E-07	9.81E-07	8.90E-07	4.06E-07	3.83E-07	1.83E-08	4.42E-07	9.76E-08	1.33E-07	2.11E-07	3.73E-08	2.01E-07	1.14E-06
132	486783.2	3856043.2	1.57E-03	1.61E-03	1.52E-03	5.43E-07	1.64E-06	9.49E-07	9.72E-07	8.81E-07	4.02E-07	3.79E-07	1.81E-08	4.38E-07	9.67E-08	1.32E-07	2.09E-07	3.69E-08	1.99E-07	1.13E-06
133	486533.2	3856093.2	1.73E-03	1.77E-03	1.67E-03	5.99E-07	1.81E-06	1.05E-06	1.07E-06	9.73E-07	4.44E-07	4.19E-07	2.00E-08	4.83E-07	1.07E-07	1.46E-07	2.31E-07	4.07E-08	2.20E-07	1.25E-06
134	486583.2	3856093.2	1.70E-03	1.74E-03	1.65E-03	5.90E-07	1.78E-06	1.03E-06	1.06E-06	9.57E-07	4.37E-07	4.12E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.27E-07	4.01E-08	2.16E-07	1.23E-06
135	486633.2	3856093.2	1.68E-03	1.72E-03	1.62E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.42E-07	4.30E-07	4.05E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.24E-07	3.94E-08	2.13E-07	1.21E-06
136	486683.2	3856093.2	1.65E-03	1.69E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.29E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.89E-08	2.10E-07	1.19E-06
137	486733.2	3856093.2	1.63E-03	1.67E-03	1.57E-03	5.64E-07	1.70E-06	9.86E-07	1.01E-06	9.15E-07	4.18E-07	3.94E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.83E-08	2.07E-07	1.17E-06
138	486783.2	3856093.2	1.61E-03	1.65E-03	1.56E-03	5.58E-07	1.68E-06	9.75E-07	9.99E-07	9.05E-07	4.13E-07	3.90E-07	1.86E-08	4.50E-07	9.93E-08	1.36E-07	2.15E-07	3.79E-08	2.05E-07	1.16E-06
139	486533.2	3856143.2	1.78E-03	1.83E-03	1.72E-03	6.18E-07	1.86E-06	1.08E-06	1.11E-06	1.00E-06	4.57E-07	4.31E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.20E-08	2.26E-07	1.29E-06
140	486583.2	3856143.2	1.75E-03	1.79E-03	1.69E-03	6.06E-07	1.83E-06	1.06E-06	1.09E-06	9.84E-07	4.49E-07	4.24E-07	2.03E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.12E-08	2.22E-07	1.26E-06
141	486633.2	3856143.2	1.73E-03	1.77E-03	1.67E-03	5.98E-07	1.80E-06	1.04E-06	1.07E-06	9.70E-07	4.43E-07	4.18E-07	2.00E-08	4.82E-07	1.06E-07	1.45E-07	2.30E-07	4.06E-08	2.19E-07	1.24E-06
142	486683.2	3856143.2	1.70E-03	1.74E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.55E-07	4.36E-07	4.11E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	4.00E-08	2.16E-07	1.22E-06
143	486733.2	3856143.2	1.68E-03	1.72E-03	1.62E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.42E-07	4.30E-07	4.05E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.24E-07	3.94E-08	2.13E-07	1.21E-06
144	486783.2	3856143.2	1.66E-03	1.70E-03	1.60E-03	5.75E-07	1.74E-06	1.00E-06	1.03E-06	9.33E-07	4.26E-07	4.01E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.91E-08	2.11E-07	1.20E-06
145	486533.2	3856193.2	1.84E-03	1.89E-03	1.78E-03	6.38E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.73E-07	4.46E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.34E-08	2.34E-07	1.33E-06
146	486583.2	3856193.2	1.81E-03	1.85E-03	1.75E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.63E-07	4.37E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.25E-08	2.29E-07	1.30E-06
147	486633.2	3856193.2	1.78E-03	1.82E-03	1.72E-03	6.16E-07	1.86E-06	1.08E-06	1.10E-06	9.99E-07	4.56E-07	4.30E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.37E-07	4.18E-08	2.26E-07	1.28E-06
148	486683.2	3856193.2	1.76E-03	1.80E-03	1.70E-03	6.08E-07	1.84E-06	1.06E-06	1.09E-06	9.87E-07	4.50E-07	4.25E-07	2.03E-08	4.90E-07	1.08E-07	1.48E-07	2.34E-07	4.13E-08	2.23E-07	1.27E-06
149	486733.2	3856193.2	1.73E-03	1.77E-03	1.67E-03	5.98E-07	1.81E-06	1.05E-06	1.07E-06	9.71E-07	4.43E-07	4.18E-07	2.00E-08	4.83E-07	1.06E-07	1.45E-07	2.31E-07	4.07E-08	2.19E-07	1.25E-06
150	486783.2	3856193.2	1.71E-03	1.75E-03	1.65E-03	5.92E-07	1.79E-06	1.03E-06	1.06E-06	9.61E-07	4.38E-07	4.14E-07	1.98E-08	4.78E-07	1.05E-07	1.44E-07	2.28E-07	4.02E-08	2.17E-07	1.23E-06
151	486533.2	3856243.2	1.90E-03	1.95E-03	1.84E-03	6.59E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.88E-07	4.60E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.48E-08	2.41E-07	1.37E-06
152	486583.2	3856243.2	1.87E-03	1.91E-03	1.81E-03	6.47E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.79E-07	4.52E-07	2.16E-08	5.22E-07	1.15E-07	1.57E-07	2.49E-07	4.40E-08	2.37E-07	1.35E-06
153	486633.2	3856243.2	1.84E-03	1.88E-03	1.77E-03	6.36E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.71E-07	4.44E-07	2.12E-08	5.13E-07	1.13E-07	1.54E-07	2.45E-07	4.32E-08	2.33E-07	1.32E-06
154	486683.2	3856243.2	1.81E-03	1.85E-03	1.75E-03	6.26E-07	1.89E-06	1.09E-06	1.12E-06	1.02E-06	4.64E-07	4.38E-07	2.09E-08	5.05E-07	1.11E-07	1.52E-07	2.42E-07	4.26E-08	2.30E-07	1.30E-06
155	486733.2	3856243.2	1.79E-03	1.83E-03	1.73E-03	6.18E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.58E-07	4.32E-07	2.06E-08	4.99E-07	1.10E-07	1.50E-07	2.38E-07	4.20E-08	2.27E-07	1.29E-06
156	486783.2	3856243.2	1.76E-03	1.80E-03	1.70E-03	6.09E-07	1.84E-06	1.06E-06	1.09E-06	9.88E-07	4.51E-07	4.25E-07	2.03E-08	4.91E-07	1.08E-07	1.48E-07	2.35E-07	4.14E-08	2.23E-07	1.27E-06
157	486533.2	3856293.2	1.97E-03	2.01E-03	1.90E-03	6.81E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	5.04E-07	4.76E-07	2.27E-08	5.49E-07	1.21E-07	1.66E-07	2.63E-07	4.63E-08	2.50E-07	1.42E-06
158	486583.2	3856293.2	1.93E-03	1.98E-03	1.86E-03	6.68E-07	2.02E-06	1.17E-06	1.20E-06	1.08E-06	4.94E-07	4.66E-07	2.23E-08	5.39E-07	1.19E-07	1.62E-07	2.57E-07	4.54E-08	2.45E-07	1.39E-06
159	486633.2	3856293.2	1.90E-03	1.94E-03	1.83E-03	6.56E-07	1.98E-06	1.15E-06	1.18E-06	1.07E-06	4.86E-07	4.59E-07	2.19E-08	5.30E-07	1.17E-07	1.60E-07	2.53E-07	4.46E-08	2.41E-07	1.37E-06
160	486683.2	3856293.2	1.87E-03	1.91E-03	1.80E-03	6.46E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.78E-07	4.51E-07	2.16E-08	5.21E-07	1.15E-07	1.57E-07	2.49E-07	4.39E-08	2.37E-07	1.34E-06
161	486733.2	3856293.2	1.84E-03	1.89E-03	1.78E-03	6.38E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.73E-07	4.46E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.34E-08	2.34E-07	1.33E-06

162	486783.2	3856293.2	1.82E-03	1.86E-03	1.75E-03	6.28E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.65E-07	4.39E-07	2.10E-08	5.07E-07	1.12E-07	1.53E-07	2.42E-07	4.27E-08	2.30E-07	1.31E-06
163	486783.2	3856343.2	1.88E-03	1.92E-03	1.81E-03	6.50E-07	1.96E-06	1.14E-06	1.16E-06	1.05E-06	4.81E-07	4.54E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.51E-07	4.42E-08	2.38E-07	1.35E-06
164	486833.2	3856343.2	1.85E-03	1.90E-03	1.79E-03	6.41E-07	1.93E-06	1.12E-06	1.15E-06	1.04E-06	4.74E-07	4.47E-07	2.14E-08	5.17E-07	1.14E-07	1.56E-07	2.47E-07	4.35E-08	2.35E-07	1.33E-06
165	486883.2	3856343.2	1.83E-03	1.87E-03	1.77E-03	6.32E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.68E-07	4.42E-07	2.11E-08	5.10E-07	1.13E-07	1.54E-07	2.44E-07	4.30E-08	2.32E-07	1.32E-06
166	486783.2	3856393.2	1.93E-03	1.98E-03	1.87E-03	6.70E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.96E-07	4.68E-07	2.24E-08	5.40E-07	1.19E-07	1.63E-07	2.58E-07	4.55E-08	2.46E-07	1.39E-06
167	486833.2	3856393.2	1.91E-03	1.95E-03	1.84E-03	6.60E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.89E-07	4.61E-07	2.20E-08	5.32E-07	1.17E-07	1.60E-07	2.55E-07	4.49E-08	2.42E-07	1.37E-06
168	486883.2	3856393.2	1.88E-03	1.92E-03	1.81E-03	6.50E-07	1.96E-06	1.14E-06	1.16E-06	1.05E-06	4.81E-07	4.54E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.51E-07	4.42E-08	2.38E-07	1.35E-06
169	487208.7	3856886.1	2.33E-03	2.38E-03	2.25E-03	8.05E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.96E-07	5.62E-07	2.69E-08	6.49E-07	1.43E-07	1.96E-07	3.10E-07	5.47E-08	2.95E-07	1.68E-06
170	487258.7	3856886.1	2.28E-03	2.34E-03	2.20E-03	7.90E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.85E-07	5.52E-07	2.64E-08	6.37E-07	1.41E-07	1.92E-07	3.05E-07	5.37E-08	2.90E-07	1.64E-06
171	487308.7	3856886.1	2.24E-03	2.30E-03	2.17E-03	7.76E-07	2.34E-06	1.36E-06	1.39E-06	1.26E-06	5.75E-07	5.42E-07	2.59E-08	6.26E-07	1.38E-07	1.89E-07	2.99E-07	5.27E-08	2.84E-07	1.62E-06
172	487358.7	3856886.1	2.20E-03	2.25E-03	2.13E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.64E-07	5.32E-07	2.54E-08	6.14E-07	1.36E-07	1.85E-07	2.94E-07	5.18E-08	2.79E-07	1.59E-06
173	487208.7	3856936.1	2.41E-03	2.47E-03	2.33E-03	8.35E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.18E-07	5.83E-07	2.79E-08	6.73E-07	1.49E-07	2.03E-07	3.22E-07	5.67E-08	3.06E-07	1.74E-06
174	487258.7	3856936.1	2.36E-03	2.42E-03	2.28E-03	8.18E-07	2.47E-06	1.43E-06	1.47E-06	1.33E-06	6.06E-07	5.72E-07	2.73E-08	6.60E-07	1.46E-07	1.99E-07	3.16E-07	5.56E-08	3.00E-07	1.70E-06
175	487308.7	3856936.1	2.32E-03	2.38E-03	2.24E-03	8.04E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.95E-07	5.62E-07	2.69E-08	6.49E-07	1.43E-07	1.95E-07	3.10E-07	5.46E-08	2.95E-07	1.67E-06
176	487358.7	3856936.1	2.28E-03	2.34E-03	2.20E-03	7.89E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.85E-07	5.51E-07	2.64E-08	6.37E-07	1.40E-07	1.92E-07	3.04E-07	5.36E-08	2.89E-07	1.64E-06
177	487208.7	3856986.1	2.50E-03	2.56E-03	2.42E-03	8.66E-07	2.62E-06	1.51E-06	1.55E-06	1.41E-06	6.42E-07	6.05E-07	2.89E-08	6.99E-07	1.54E-07	2.11E-07	3.34E-07	5.89E-08	3.18E-07	1.80E-06
178	487258.7	3856986.1	2.46E-03	2.52E-03	2.38E-03	8.51E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.30E-07	5.95E-07	2.84E-08	6.87E-07	1.51E-07	2.07E-07	3.28E-07	5.78E-08	3.12E-07	1.77E-06
179	487308.7	3856986.1	2.41E-03	2.47E-03	2.33E-03	8.33E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.17E-07	5.82E-07	2.78E-08	6.72E-07	1.48E-07	2.03E-07	3.21E-07	5.66E-08	3.05E-07	1.73E-06
180	487358.7	3856986.1	2.37E-03	2.42E-03	2.29E-03	8.19E-07	2.47E-06	1.43E-06	1.47E-06	1.33E-06	6.06E-07	5.72E-07	2.73E-08	6.61E-07	1.46E-07	1.99E-07	3.16E-07	5.57E-08	3.00E-07	1.70E-06
181	487208.7	3857036.1	2.60E-03	2.66E-03	2.51E-03	9.01E-07	2.72E-06	1.57E-06	1.61E-06	1.46E-06	6.67E-07	6.29E-07	3.01E-08	7.27E-07	1.60E-07	2.19E-07	3.47E-07	6.12E-08	3.30E-07	1.87E-06
182	487258.7	3857036.1	2.55E-03	2.61E-03	2.46E-03	8.83E-07	2.67E-06	1.54E-06	1.58E-06	1.43E-06	6.54E-07	6.17E-07	2.95E-08	7.12E-07	1.57E-07	2.15E-07	3.40E-07	6.00E-08	3.24E-07	1.84E-06
183	487308.7	3857036.1	2.50E-03	2.56E-03	2.42E-03	8.66E-07	2.62E-06	1.51E-06	1.55E-06	1.41E-06	6.42E-07	6.05E-07	2.89E-08	6.99E-07	1.54E-07	2.11E-07	3.34E-07	5.89E-08	3.18E-07	1.80E-06
184	487358.7	3857036.1	2.46E-03	2.52E-03	2.37E-03	8.50E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.30E-07	5.94E-07	2.84E-08	6.86E-07	1.51E-07	2.07E-07	3.28E-07	5.78E-08	3.12E-07	1.77E-06
185	487427.1	3856878.2	2.15E-03	2.20E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.19E-07	2.48E-08	5.99E-07	1.32E-07	1.81E-07	2.86E-07	5.05E-08	2.72E-07	1.55E-06
186	487477.1	3856878.2	2.11E-03	2.16E-03	2.04E-03	7.32E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.42E-07	5.11E-07	2.44E-08	5.90E-07	1.30E-07	1.78E-07	2.82E-07	4.97E-08	2.68E-07	1.52E-06
187	487527.1	3856878.2	2.08E-03	2.13E-03	2.01E-03	7.20E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.33E-07	5.03E-07	2.41E-08	5.81E-07	1.28E-07	1.75E-07	2.78E-07	4.90E-08	2.64E-07	1.50E-06
188	487427.1	3856928.2	2.22E-03	2.27E-03	2.14E-03	7.68E-07	2.32E-06	1.34E-06	1.37E-06	1.25E-06	5.69E-07	5.36E-07	2.56E-08	6.19E-07	1.37E-07	1.87E-07	2.96E-07	5.22E-08	2.81E-07	1.60E-06
189	487477.1	3856928.2	2.18E-03	2.23E-03	2.11E-03	7.55E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.59E-07	5.27E-07	2.52E-08	6.09E-07	1.34E-07	1.83E-07	2.91E-07	5.13E-08	2.77E-07	1.57E-06
190	487527.1	3856928.2	2.15E-03	2.20E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.19E-07	2.48E-08	5.99E-07	1.32E-07	1.81E-07	2.86E-07	5.05E-08	2.72E-07	1.55E-06
191	487577.1	3856928.2	2.11E-03	2.16E-03	2.04E-03	7.32E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.42E-07	5.11E-07	2.44E-08	5.90E-07	1.30E-07	1.78E-07	2.82E-07	4.97E-08	2.68E-07	1.52E-06
192	487627.1	3856928.2	2.08E-03	2.13E-03	2.01E-03	7.20E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.33E-07	5.03E-07	2.40E-08	5.81E-07	1.28E-07	1.75E-07	2.78E-07	4.89E-08	2.64E-07	1.50E-06
193	487677.1	3856928.2	2.05E-03	2.10E-03	1.98E-03	7.10E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.26E-07	4.96E-07	2.37E-08	5.73E-07	1.26E-07	1.73E-07	2.74E-07	4.83E-08	2.60E-07	1.48E-06
194	487727.1	3856928.2	2.03E-03	2.08E-03	1.96E-03	7.01E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.19E-07	4.90E-07	2.34E-08	5.66E-07	1.25E-07	1.71E-07	2.70E-07	4.77E-08	2.57E-07	1.46E-06
195	487777.1	3856928.2	2.00E-03	2.05E-03	1.93E-03	6.92E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.12E-07	4.83E-07	2.31E-08	5.58E-07	1.23E-07	1.68E-07	2.67E-07	4.70E-08	2.54E-07	1.44E-06
196	487427.1	3856978.2	2.29E-03	2.35E-03	2.22E-03	7.94E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.88E-07	5.55E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.40E-08	2.91E-07	1.65E-06
197	487477.1	3856978.2	2.26E-03	2.31E-03	2.18E-03	7.81E-07	2.36E-06	1.36E-06	1.40E-06	1.27E-06	5.78E-07	5.45E-07	2.61E-08	6.30E-07	1.39E-07	1.90E-07	3.01E-07	5.31E-08	2.86E-07	1.62E-06
198	487527.1	3856978.2	2.22E-03	2.27E-03	2.14E-03	7.68E-07	2.32E-06	1.34E-06	1.38E-06	1.25E-06	5.69E-07	5.37E-07	2.57E-08	6.20E-07	1.37E-07	1.87E-07	2.96E-07	5.22E-08	2.82E-07	1.60E-06
199	487577.1	3856978.2	2.18E-03	2.24E-03	2.11E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.60E-07	5.28E-07	2.52E-08	6.10E-07	1.35E-07	1.84E-07	2.92E-07	5.14E-08	2.77E-07	1.57E-06
200	487627.1	3856978.2	2.15E-03	2.20E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.19E-07	2.48E-08	5.99E-07	1.32E-07	1.81E-07	2.86E-07	5.05E-08	2.72E-07	1.55E-06
201	487677.1	3856978.2	2.12E-03	2.17E-03	2.04E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.43E-07	5.12E-07	2.45E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.98E-08	2.69E-07	1.52E-06
202	487727.1	3856978.2	2.08E-03	2.13E-03	2.00E-03	7.18E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.32E-07	5.02E-07	2.40E-08	5.79E-07	1.28E-07	1.75E-07	2.77E-07	4.88E-08	2.63E-07	1.49E-06
203	487777.1	3856978.2	2.06E-03	2.11E-03	1.99E-03	7.13E-07	2.15E-06	1.25E-06	1.28E-06	1.16E-06	5.28E-07	4.98E-07	2.38E-08	5.75E-07	1.27E-07	1.73E-07	2.75E-07	4.85E-08	2.61E-07	1.48E-06
204	487427.1	3857028.2	2.38E-03	2.44E-03	2.30E-03	8.24E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	6.10E-07	5.75E-07	2.75E-08	6.64E-07	1.47E-07	2.00E-07	3.18E-07	5.60E-08	3.02E-07	1.71E-06
205	487477.1	3857028.2	2.34E-03	2.39E-03	2.26E-03	8.09E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.99E-07	5.65E-07	2.70E-08	6.53E-07	1.44E-07	1.97E-07	3.12E-07	5.50E-08	2.97E-07	1.68E-06
206	487527.1	3857028.2	2.29E-03	2.35E-03	2.22E-03	7.94E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.88E-07	5.55E-07	2.65E-08	6.41E-07	1.41E-07	1.93E-07	3.06E-07	5.40E-08	2.91E-07	1.65E-06
207	487577.1	3857028.2	2.26E-03	2.31E-03	2.18E-03	7.82E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.79E-07	5.46E-07	2.61E-08	6.31E-07	1.39E-07	1.90E-07	3.01E-07	5.31E-08	2.87E-07	1.63E-06
208	487627.1	3857028.2	2.22E-03	2.27E-03	2.14E-03	7.67E-07	2.32E-06	1.34E-06	1.37E-06	1.24E-06	5.68E-07	5.36E-07	2.56E-08	6.19E-07	1.36E-07	1.86E-07	2.96E-07	5.21E-08	2.81E-07	1.60E-06
209	487677.1	3857028.2	2.18E-03	2.24E-03	2.11E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.60E-07	5.28E-07	2.52E-08	6.09E-07	1.34E-07	1.84E-07	2.91E-07	5.13E-08	2.77E-07	1.57E-06
210	487727.1	3857028.2	2.15E-03	2.21E-03	2.08E-03	7.46E-07	2.25E-06	1.30E-06	1.34E-06	1.21E-06	5.52E-07	5.21E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.88E-07	5.07E-08	2.73E-07	1.55E-06
211	487777.1	3857028.2	2.12E-03	2.18E-03	2.05E-03	7.35E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.44E-07	5.14E-07	2.45E-08	5.93E-07	1.31E-07	1.79E-07	2.83E-07	5.00E-08	2.69E-07	1.53E-06
212	487427.1	3857078.2	2.47E-03	2.53E-03	2.39E-03	8.55E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.33E-07	5.97E-07	2.86E-08	6.90E-07	1.52E-07	2.08E-07	3.30E-07	5.81E-08	3.14E-07	1.78E-06
213	487477.1	3857078.2	2.42E-03	2.48E-03	2.34E-03	8.38E-07	2.53E-06	1.47E-06	1.50E-06	1.36E-06	6.21E-07	5.86E-07	2.80E-08	6.76E-07	1.49E-07	2.04E-07	3.23E-07	5.70E-08	3.07E-07	1.74E-06
214	487527.1	3857078.2	2.38E-03	2.44E-03	2.30E-03	8.24E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	6.10E-07	5.75E-07	2.75E-08	6.64E-07	1.47E-07	2.00E-07	3.18E-07	5.60E-08	3.02E-07	1.71E-06
215	487577.1	3857078.2	2.34E-03	2.39E-03	2.26E-03	8.09E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.99E-07	5.65E-07	2.70E-08	6.52E-07	1.44E-07	1.97E-07	3.12E-07	5.50E-08	2.96E-07	1.68E-06
216	487627.1	3857078.2	2.29E-03	2.35E-03	2.22E-03	7.94E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.88E-07	5.55E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.40E-08	2.91E-07	1.65E-06
217	487677.1	3857078.2	2.26E-03	2.31E-03	2.18E-03	7.82E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.79E-07	5.46E-07	2.61E-08	6.31E-07	1.39E-07	1.90E-07	3.01E-07	5.31E-08	2.87E-07	1.63E-06

218	487727.1	3857078.2	2.22E-03	2.28E-03	2.15E-03	7.70E-07	2.32E-06	1.35E-06	1.38E-06	1.25E-06	5.70E-07	5.38E-07	2.57E-08	6.21E-07	1.37E-07	1.87E-07	2.97E-07	5.23E-08	2.82E-07	1.60E-06
219	487777.1	3857078.2	2.19E-03	2.24E-03	2.11E-03	7.58E-07	2.29E-06	1.32E-06	1.36E-06	1.23E-06	5.61E-07	5.29E-07	2.53E-08	6.11E-07	1.35E-07	1.84E-07	2.92E-07	5.15E-08	2.78E-07	1.58E-06
220	487427.1	3857128.2	2.57E-03	2.63E-03	2.48E-03	8.89E-07	2.69E-06	1.55E-06	1.59E-06	1.44E-06	6.59E-07	6.21E-07	2.97E-08	7.17E-07	1.58E-07	2.16E-07	3.43E-07	6.04E-08	3.26E-07	1.85E-06
221	487477.1	3857128.2	2.51E-03	2.58E-03	2.43E-03	8.71E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.45E-07	6.08E-07	2.91E-08	7.02E-07	1.55E-07	2.12E-07	3.36E-07	5.92E-08	3.19E-07	1.81E-06
222	487527.1	3857128.2	2.46E-03	2.52E-03	2.38E-03	8.53E-07	2.58E-06	1.49E-06	1.53E-06	1.38E-06	6.32E-07	5.96E-07	2.85E-08	6.88E-07	1.52E-07	2.07E-07	3.29E-07	5.80E-08	3.13E-07	1.78E-06
223	487577.1	3857128.2	2.42E-03	2.48E-03	2.34E-03	8.38E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.20E-07	5.85E-07	2.80E-08	6.76E-07	1.49E-07	2.04E-07	3.23E-07	5.69E-08	3.07E-07	1.74E-06
224	487627.1	3857128.2	2.38E-03	2.44E-03	2.30E-03	8.23E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	6.09E-07	5.75E-07	2.75E-08	6.64E-07	1.46E-07	2.00E-07	3.17E-07	5.59E-08	3.02E-07	1.71E-06
225	487677.1	3857128.2	2.33E-03	2.39E-03	2.26E-03	8.08E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.99E-07	5.65E-07	2.70E-08	6.52E-07	1.44E-07	1.96E-07	3.12E-07	5.49E-08	2.96E-07	1.68E-06
226	487727.1	3857128.2	2.30E-03	2.36E-03	2.22E-03	7.96E-07	2.40E-06	1.39E-06	1.43E-06	1.29E-06	5.90E-07	5.56E-07	2.66E-08	6.42E-07	1.42E-07	1.94E-07	3.07E-07	5.41E-08	2.92E-07	1.66E-06
227	487777.1	3857128.2	2.26E-03	2.32E-03	2.19E-03	7.83E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.80E-07	5.47E-07	2.62E-08	6.32E-07	1.39E-07	1.90E-07	3.02E-07	5.32E-08	2.87E-07	1.63E-06
228	488049.4	3856539.4	1.57E-03	1.61E-03	1.51E-03	5.43E-07	1.64E-06	9.48E-07	9.71E-07	8.81E-07	4.02E-07	3.79E-07	1.81E-08	4.38E-07	9.66E-08	1.32E-07	2.09E-07	3.69E-08	1.99E-07	1.13E-06
229	488099.4	3856539.4	1.55E-03	1.59E-03	1.50E-03	5.36E-07	1.62E-06	9.38E-07	9.60E-07	8.71E-07	3.97E-07	3.75E-07	1.79E-08	4.33E-07	9.55E-08	1.30E-07	2.07E-07	3.65E-08	1.97E-07	1.12E-06
230	488149.4	3856539.4	1.53E-03	1.57E-03	1.48E-03	5.31E-07	1.60E-06	9.29E-07	9.51E-07	8.62E-07	3.93E-07	3.71E-07	1.77E-08	4.29E-07	9.46E-08	1.29E-07	2.05E-07	3.61E-08	1.95E-07	1.11E-06
231	488049.4	3856589.4	1.60E-03	1.64E-03	1.55E-03	5.54E-07	1.67E-06	9.69E-07	9.92E-07	9.00E-07	4.10E-07	3.87E-07	1.85E-08	4.47E-07	9.87E-08	1.35E-07	2.14E-07	3.77E-08	2.03E-07	1.15E-06
232	488099.4	3856589.4	1.58E-03	1.62E-03	1.53E-03	5.48E-07	1.66E-06	9.58E-07	9.81E-07	8.90E-07	4.06E-07	3.83E-07	1.83E-08	4.42E-07	9.76E-08	1.33E-07	2.11E-07	3.73E-08	2.01E-07	1.14E-06
233	488149.4	3856589.4	1.57E-03	1.61E-03	1.51E-03	5.43E-07	1.64E-06	9.48E-07	9.71E-07	8.81E-07	4.02E-07	3.79E-07	1.81E-08	4.38E-07	9.66E-08	1.32E-07	2.09E-07	3.69E-08	1.99E-07	1.13E-06
234	488199.4	3856589.4	1.55E-03	1.59E-03	1.50E-03	5.36E-07	1.62E-06	9.38E-07	9.60E-07	8.71E-07	3.97E-07	3.75E-07	1.79E-08	4.33E-07	9.55E-08	1.30E-07	2.07E-07	3.65E-08	1.97E-07	1.12E-06
235	488249.4	3856589.4	1.54E-03	1.58E-03	1.49E-03	5.34E-07	1.61E-06	9.33E-07	9.56E-07	8.66E-07	3.95E-07	3.73E-07	1.78E-08	4.31E-07	9.50E-08	1.30E-07	2.06E-07	3.63E-08	1.96E-07	1.11E-06
236	488049.4	3856639.4	1.64E-03	1.67E-03	1.58E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.19E-07	4.19E-07	3.95E-07	1.89E-08	4.57E-07	1.01E-07	1.38E-07	2.18E-07	3.85E-08	2.08E-07	1.18E-06
237	488099.4	3856639.4	1.62E-03	1.66E-03	1.56E-03	5.60E-07	1.69E-06	9.79E-07	1.00E-06	9.09E-07	4.15E-07	3.91E-07	1.87E-08	4.52E-07	9.97E-08	1.36E-07	2.16E-07	3.81E-08	2.05E-07	1.17E-06
238	488149.4	3856639.4	1.60E-03	1.64E-03	1.55E-03	5.54E-07	1.67E-06	9.68E-07	9.91E-07	8.99E-07	4.10E-07	3.87E-07	1.85E-08	4.47E-07	9.86E-08	1.35E-07	2.14E-07	3.76E-08	2.03E-07	1.15E-06
239	488199.4	3856639.4	1.59E-03	1.62E-03	1.53E-03	5.49E-07	1.66E-06	9.60E-07	9.83E-07	8.91E-07	4.07E-07	3.84E-07	1.83E-08	4.43E-07	9.78E-08	1.33E-07	2.12E-07	3.73E-08	2.01E-07	1.14E-06
240	488249.4	3856639.4	1.57E-03	1.61E-03	1.52E-03	5.44E-07	1.64E-06	9.51E-07	9.74E-07	8.83E-07	4.03E-07	3.80E-07	1.82E-08	4.39E-07	9.68E-08	1.32E-07	2.10E-07	3.70E-08	1.99E-07	1.13E-06
241	488299.4	3856639.4	1.56E-03	1.60E-03	1.51E-03	5.40E-07	1.63E-06	9.43E-07	9.66E-07	8.76E-07	4.00E-07	3.77E-07	1.80E-08	4.35E-07	9.60E-08	1.31E-07	2.08E-07	3.67E-08	1.98E-07	1.12E-06
242	488349.4	3856639.4	1.54E-03	1.58E-03	1.49E-03	5.34E-07	1.61E-06	9.33E-07	9.56E-07	8.66E-07	3.95E-07	3.73E-07	1.78E-08	4.31E-07	9.50E-08	1.30E-07	2.06E-07	3.63E-08	1.96E-07	1.11E-06
243	488399.4	3856639.4	1.53E-03	1.57E-03	1.48E-03	5.30E-07	1.60E-06	9.27E-07	9.49E-07	8.61E-07	3.93E-07	3.70E-07	1.77E-08	4.28E-07	9.44E-08	1.29E-07	2.04E-07	3.60E-08	1.94E-07	1.10E-06
244	488099.4	3856689.4	1.65E-03	1.69E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.29E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.89E-08	2.10E-07	1.19E-06
245	488149.4	3856689.4	1.64E-03	1.67E-03	1.58E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.19E-07	4.19E-07	3.95E-07	1.89E-08	4.57E-07	1.01E-07	1.38E-07	2.18E-07	3.85E-08	2.08E-07	1.18E-06
246	488199.4	3856689.4	1.62E-03	1.66E-03	1.57E-03	5.61E-07	1.69E-06	9.81E-07	1.00E-06	9.10E-07	4.15E-07	3.92E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.81E-08	2.06E-07	1.17E-06
247	488249.4	3856689.4	1.60E-03	1.64E-03	1.55E-03	5.55E-07	1.68E-06	9.70E-07	9.93E-07	9.00E-07	4.11E-07	3.88E-07	1.85E-08	4.48E-07	9.88E-08	1.35E-07	2.14E-07	3.77E-08	2.03E-07	1.15E-06
248	488299.4	3856689.4	1.59E-03	1.63E-03	1.54E-03	5.51E-07	1.66E-06	9.64E-07	9.87E-07	8.95E-07	4.08E-07	3.85E-07	1.84E-08	4.45E-07	9.81E-08	1.34E-07	2.13E-07	3.75E-08	2.02E-07	1.15E-06
249	488349.4	3856689.4	1.58E-03	1.61E-03	1.52E-03	5.46E-07	1.65E-06	9.54E-07	9.77E-07	8.85E-07	4.04E-07	3.81E-07	1.82E-08	4.40E-07	9.71E-08	1.33E-07	2.10E-07	3.71E-08	2.00E-07	1.14E-06
250	488399.4	3856689.4	1.56E-03	1.59E-03	1.50E-03	5.38E-07	1.63E-06	9.41E-07	9.64E-07	8.74E-07	3.99E-07	3.76E-07	1.80E-08	4.34E-07	9.58E-08	1.31E-07	2.08E-07	3.66E-08	1.97E-07	1.12E-06
251	488099.4	3856739.4	1.69E-03	1.74E-03	1.64E-03	5.87E-07	1.77E-06	1.03E-06	1.05E-06	9.52E-07	4.34E-07	4.10E-07	1.96E-08	4.73E-07	1.04E-07	1.43E-07	2.26E-07	3.99E-08	2.15E-07	1.22E-06
252	488149.4	3856739.4	1.67E-03	1.71E-03	1.62E-03	5.79E-07	1.75E-06	1.01E-06	1.04E-06	9.39E-07	4.29E-07	4.04E-07	1.93E-08	4.67E-07	1.03E-07	1.41E-07	2.23E-07	3.93E-08	2.12E-07	1.20E-06
253	488199.4	3856739.4	1.66E-03	1.70E-03	1.60E-03	5.74E-07	1.73E-06	1.00E-06	1.03E-06	9.32E-07	4.25E-07	4.01E-07	1.92E-08	4.63E-07	1.02E-07	1.40E-07	2.21E-07	3.90E-08	2.11E-07	1.20E-06
254	488249.4	3856739.4	1.64E-03	1.68E-03	1.58E-03	5.68E-07	1.71E-06	9.92E-07	1.02E-06	9.21E-07	4.20E-07	3.96E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.86E-08	2.08E-07	1.18E-06
255	488299.4	3856739.4	1.62E-03	1.66E-03	1.56E-03	5.60E-07	1.69E-06	9.79E-07	1.00E-06	9.09E-07	4.15E-07	3.91E-07	1.87E-08	4.52E-07	9.97E-08	1.36E-07	2.16E-07	3.81E-08	2.05E-07	1.17E-06
256	488349.4	3856739.4	1.61E-03	1.65E-03	1.55E-03	5.57E-07	1.68E-06	9.73E-07	9.97E-07	9.04E-07	4.12E-07	3.89E-07	1.86E-08	4.49E-07	9.91E-08	1.35E-07	2.15E-07	3.78E-08	2.04E-07	1.16E-06
257	488399.4	3856739.4	1.60E-03	1.64E-03	1.55E-03	5.54E-07	1.67E-06	9.68E-07	9.91E-07	8.99E-07	4.10E-07	3.87E-07	1.85E-08	4.47E-07	9.86E-08	1.35E-07	2.14E-07	3.76E-08	2.03E-07	1.15E-06
258	487999.4	3856789.4	1.77E-03	1.81E-03	1.71E-03	6.11E-07	1.84E-06	1.07E-06	1.09E-06	9.92E-07	4.52E-07	4.27E-07	2.04E-08	4.93E-07	1.09E-07	1.49E-07	2.36E-07	4.15E-08	2.24E-07	1.27E-06
259	488049.4	3856789.4	1.75E-03	1.79E-03	1.69E-03	6.04E-07	1.82E-06	1.06E-06	1.08E-06	9.81E-07	4.48E-07	4.22E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.11E-08	2.22E-07	1.26E-06
260	488099.4	3856789.4	1.73E-03	1.77E-03	1.67E-03	6.00E-07	1.81E-06	1.05E-06	1.07E-06	9.73E-07	4.44E-07	4.19E-07	2.00E-08	4.84E-07	1.07E-07	1.46E-07	2.31E-07	4.08E-08	2.20E-07	1.25E-06
261	488149.4	3856789.4	1.71E-03	1.75E-03	1.65E-03	5.93E-07	1.79E-06	1.04E-06	1.06E-06	9.62E-07	4.39E-07	4.14E-07	1.98E-08	4.78E-07	1.05E-07	1.44E-07	2.29E-07	4.03E-08	2.17E-07	1.23E-06
262	488199.4	3856789.4	1.70E-03	1.74E-03	1.64E-03	5.87E-07	1.77E-06	1.03E-06	1.05E-06	9.53E-07	4.35E-07	4.10E-07	1.96E-08	4.73E-07	1.04E-07	1.43E-07	2.26E-07	3.99E-08	2.15E-07	1.22E-06
263	488249.4	3856789.4	1.68E-03	1.72E-03	1.62E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.42E-07	4.30E-07	4.05E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.24E-07	3.94E-08	2.13E-07	1.21E-06
264	488299.4	3856789.4	1.66E-03	1.70E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.30E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.90E-08	2.10E-07	1.19E-06
265	488349.4	3856789.4	1.65E-03	1.69E-03	1.59E-03	5.70E-07	1.72E-06	9.97E-07	1.02E-06	9.25E-07	4.22E-07	3.98E-07	1.90E-08	4.60E-07	1.01E-07	1.39E-07	2.20E-07	3.87E-08	2.09E-07	1.19E-06
266	488399.4	3856789.4	1.63E-03	1.67E-03	1.58E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.18E-07	4.19E-07	3.95E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.84E-08	2.07E-07	1.18E-06
267	487949.4	3856839.4	1.83E-03	1.87E-03	1.77E-03	6.33E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.69E-07	4.42E-07	2.11E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.30E-08	2.32E-07	1.32E-06
268	487999.4	3856839.4	1.81E-03	1.85E-03	1.75E-03	6.26E-07	1.89E-06	1.09E-06	1.12E-06	1.02E-06	4.63E-07	4.37E-07	2.09E-08	5.05E-07	1.11E-07	1.52E-07	2.41E-07	4.25E-08	2.29E-07	1.30E-06
269	488049.4	3856839.4	1.79E-03	1.83E-03	1.73E-03	6.19E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.58E-07	4.32E-07	2.07E-08	4.99E-07	1.10E-07	1.50E-07	2.39E-07	4.20E-08	2.27E-07	1.29E-06
270	488099.4	3856839.4	1.77E-03	1.81E-03	1.71E-03	6.13E-07	1.85E-06	1.07E-06	1.10E-06	9.94E-07	4.54E-07	4.28E-07	2.05E-08	4.94E-07	1.09E-07	1.49E-07	2.36E-07	4.16E-08	2.25E-07	1.27E-06
271	488149.4	3856839.4	1.75E-03	1.79E-03	1.69E-03	6.06E-07	1.83E-06	1.06E-06	1.09E-06	9.84E-07	4.49E-07	4.24E-07	2.03E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.12E-08	2.22E-07	1.26E-06
272	488199.4	3856839.4	1.74E-03	1.78E-03	1.68E-03	6.01E-07	1.81E-06	1.05E-06	1.08E-06	9.75E-07	4.45E-07	4.20E-07	2.01E-08	4.85E-07	1.07E-07	1.46E-07	2.32E-07	4.08E-08	2.20E-07	1.25E-06
273	487949.4	3856889.4	1.87E-03	1.92E-03	1.81E-03	6.48E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.80E-07	4.52E-07	2.16E-08	5.23E-07	1.15E-07	1.57E-07	2.50E-07	4.40E-08	2.37E-07	1.35E-06

274	487999.4	3856889.4	1.86E-03	1.90E-03	1.79E-03	6.42E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.76E-07	4.49E-07	2.14E-08	5.18E-07	1.14E-07	1.56E-07	2.48E-07	4.36E-08	2.35E-07	1.34E-06
275	488049.4	3856889.4	1.83E-03	1.87E-03	1.77E-03	6.33E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.69E-07	4.42E-07	2.11E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.30E-08	2.32E-07	1.32E-06
276	488099.4	3856889.4	1.81E-03	1.86E-03	1.75E-03	6.27E-07	1.89E-06	1.10E-06	1.12E-06	1.02E-06	4.65E-07	4.38E-07	2.09E-08	5.06E-07	1.12E-07	1.52E-07	2.42E-07	4.26E-08	2.30E-07	1.31E-06
277	488635.9	3857895.1	3.14E-03	3.21E-03	3.03E-03	1.09E-06	3.28E-06	1.90E-06	1.94E-06	1.76E-06	8.04E-07	7.58E-07	3.63E-08	8.76E-07	1.93E-07	2.64E-07	4.19E-07	7.38E-08	3.98E-07	2.26E-06
278	489137.6	3857804.2	2.36E-03	2.42E-03	2.28E-03	8.16E-07	2.47E-06	1.43E-06	1.46E-06	1.32E-06	6.05E-07	5.70E-07	2.73E-08	6.59E-07	1.45E-07	1.98E-07	3.15E-07	5.55E-08	2.99E-07	1.70E-06
279	488617.3	3857859.4	3.06E-03	3.13E-03	2.95E-03	1.06E-06	3.19E-06	1.85E-06	1.89E-06	1.72E-06	7.83E-07	7.39E-07	3.53E-08	8.53E-07	1.88E-07	2.57E-07	4.08E-07	7.19E-08	3.88E-07	2.20E-06
280	488667.3	3857859.4	2.98E-03	3.05E-03	2.88E-03	1.03E-06	3.12E-06	1.80E-06	1.85E-06	1.67E-06	7.64E-07	7.21E-07	3.45E-08	8.32E-07	1.84E-07	2.51E-07	3.98E-07	7.01E-08	3.78E-07	2.15E-06
281	488717.3	3857859.4	2.91E-03	2.98E-03	2.81E-03	1.01E-06	3.04E-06	1.76E-06	1.80E-06	1.64E-06	7.46E-07	7.04E-07	3.37E-08	8.13E-07	1.79E-07	2.45E-07	3.89E-07	6.85E-08	3.70E-07	2.10E-06
282	488767.3	3857859.4	2.85E-03	2.92E-03	2.76E-03	9.88E-07	2.98E-06	1.73E-06	1.77E-06	1.60E-06	7.31E-07	6.90E-07	3.30E-08	7.97E-07	1.76E-07	2.40E-07	3.81E-07	6.71E-08	3.62E-07	2.06E-06
283	488617.3	3857909.4	3.21E-03	3.29E-03	3.10E-03	1.11E-06	3.36E-06	1.94E-06	1.99E-06	1.80E-06	8.23E-07	7.76E-07	3.71E-08	8.96E-07	1.98E-07	2.70E-07	4.28E-07	7.55E-08	4.07E-07	2.31E-06
284	488667.3	3857909.4	3.14E-03	3.22E-03	3.03E-03	1.09E-06	3.28E-06	1.90E-06	1.95E-06	1.76E-06	8.05E-07	7.59E-07	3.63E-08	8.77E-07	1.94E-07	2.64E-07	4.19E-07	7.39E-08	3.99E-07	2.26E-06
285	488717.3	3857909.4	3.06E-03	3.13E-03	2.95E-03	1.06E-06	3.19E-06	1.85E-06	1.89E-06	1.72E-06	7.83E-07	7.39E-07	3.53E-08	8.53E-07	1.88E-07	2.57E-07	4.08E-07	7.19E-08	3.88E-07	2.20E-06
286	488767.3	3857909.4	2.99E-03	3.06E-03	2.89E-03	1.03E-06	3.12E-06	1.81E-06	1.85E-06	1.68E-06	7.66E-07	7.23E-07	3.45E-08	8.34E-07	1.84E-07	2.51E-07	3.99E-07	7.03E-08	3.79E-07	2.15E-06
287	488417.3	3857959.4	3.78E-03	3.88E-03	3.66E-03	1.31E-06	3.96E-06	2.29E-06	2.35E-06	2.13E-06	9.70E-07	9.15E-07	4.37E-08	1.06E-06	2.33E-07	3.18E-07	5.05E-07	8.90E-08	4.80E-07	2.73E-06
288	488467.3	3857959.4	3.68E-03	3.77E-03	3.55E-03	1.27E-06	3.84E-06	2.22E-06	2.28E-06	2.07E-06	9.42E-07	8.89E-07	4.25E-08	1.03E-06	2.27E-07	3.09E-07	4.91E-07	8.65E-08	4.67E-07	2.65E-06
289	488517.3	3857959.4	3.58E-03	3.66E-03	3.46E-03	1.24E-06	3.74E-06	2.16E-06	2.22E-06	2.01E-06	9.17E-07	8.65E-07	4.14E-08	9.99E-07	2.20E-07	3.01E-07	4.78E-07	8.42E-08	4.54E-07	2.58E-06
290	488567.3	3857959.4	3.48E-03	3.57E-03	3.37E-03	1.21E-06	3.64E-06	2.11E-06	2.16E-06	1.96E-06	8.93E-07	8.43E-07	4.03E-08	9.73E-07	2.15E-07	2.93E-07	4.65E-07	8.20E-08	4.42E-07	2.51E-06
291	488617.3	3857959.4	3.39E-03	3.47E-03	3.28E-03	1.17E-06	3.54E-06	2.05E-06	2.10E-06	1.90E-06	8.69E-07	8.20E-07	3.92E-08	9.47E-07	2.09E-07	2.85E-07	4.53E-07	7.97E-08	4.30E-07	2.44E-06
292	488667.3	3857959.4	3.30E-03	3.38E-03	3.19E-03	1.14E-06	3.45E-06	2.00E-06	2.05E-06	1.85E-06	8.46E-07	7.98E-07	3.82E-08	9.22E-07	2.03E-07	2.78E-07	4.41E-07	7.77E-08	4.19E-07	2.38E-06
293	488717.3	3857959.4	3.22E-03	3.30E-03	3.11E-03	1.11E-06	3.37E-06	1.95E-06	2.00E-06	1.81E-06	8.25E-07	7.79E-07	3.72E-08	8.99E-07	1.98E-07	2.71E-07	4.30E-07	7.58E-08	4.09E-07	2.32E-06
294	488767.3	3857959.4	3.14E-03	3.22E-03	3.03E-03	1.09E-06	3.28E-06	1.90E-06	1.95E-06	1.76E-06	8.05E-07	7.59E-07	3.63E-08	8.77E-07	1.94E-07	2.64E-07	4.19E-07	7.39E-08	3.99E-07	2.26E-06
295	488417.3	3858009.4	4.04E-03	4.14E-03	3.90E-03	1.40E-06	4.22E-06	2.44E-06	2.50E-06	2.27E-06	1.04E-06	9.76E-07	4.67E-08	1.13E-06	2.49E-07	3.40E-07	5.39E-07	9.50E-08	5.12E-07	2.91E-06
296	488467.3	3858009.4	3.92E-03	4.01E-03	3.79E-03	1.36E-06	4.10E-06	2.37E-06	2.43E-06	2.20E-06	1.00E-06	9.47E-07	4.53E-08	1.09E-06	2.41E-07	3.30E-07	5.23E-07	9.22E-08	4.97E-07	2.82E-06
297	488517.3	3858009.4	3.80E-03	3.90E-03	3.68E-03	1.32E-06	3.98E-06	2.30E-06	2.36E-06	2.14E-06	9.75E-07	9.20E-07	4.40E-08	1.06E-06	2.34E-07	3.20E-07	5.08E-07	8.95E-08	4.83E-07	2.74E-06
298	488567.3	3858009.4	3.70E-03	3.79E-03	3.57E-03	1.28E-06	3.87E-06	2.24E-06	2.29E-06	2.08E-06	9.48E-07	8.95E-07	4.28E-08	1.03E-06	2.28E-07	3.11E-07	4.94E-07	8.70E-08	4.70E-07	2.67E-06
299	488617.3	3858009.4	3.59E-03	3.68E-03	3.47E-03	1.24E-06	3.75E-06	2.17E-06	2.23E-06	2.02E-06	9.20E-07	8.68E-07	4.15E-08	1.00E-06	2.21E-07	3.02E-07	4.79E-07	8.45E-08	4.56E-07	2.59E-06
300	488667.3	3858009.4	3.49E-03	3.57E-03	3.37E-03	1.21E-06	3.65E-06	2.11E-06	2.16E-06	1.96E-06	8.94E-07	8.43E-07	4.03E-08	9.74E-07	2.15E-07	2.93E-07	4.66E-07	8.20E-08	4.43E-07	2.51E-06
301	488717.3	3858009.4	3.40E-03	3.48E-03	3.28E-03	1.18E-06	3.55E-06	2.05E-06	2.10E-06	1.91E-06	8.71E-07	8.21E-07	3.93E-08	9.48E-07	2.09E-07	2.86E-07	4.53E-07	7.99E-08	4.31E-07	2.45E-06
302	488767.3	3858009.4	3.31E-03	3.39E-03	3.20E-03	1.15E-06	3.46E-06	2.00E-06	2.05E-06	1.86E-06	8.48E-07	8.00E-07	3.82E-08	9.24E-07	2.04E-07	2.78E-07	4.42E-07	7.78E-08	4.20E-07	2.38E-06
303	488417.3	3858059.4	4.34E-03	4.44E-03	4.19E-03	1.50E-06	4.54E-06	2.63E-06	2.69E-06	2.44E-06	1.11E-06	1.05E-06	5.02E-08	1.21E-06	2.67E-07	3.65E-07	5.79E-07	1.02E-07	5.51E-07	3.13E-06
304	488467.3	3858059.4	4.20E-03	4.30E-03	4.06E-03	1.45E-06	4.39E-06	2.54E-06	2.60E-06	2.36E-06	1.08E-06	1.02E-06	4.85E-08	1.17E-06	2.59E-07	3.53E-07	5.60E-07	9.88E-08	5.33E-07	3.02E-06
305	488517.3	3858059.4	4.07E-03	4.16E-03	3.93E-03	1.41E-06	4.25E-06	2.46E-06	2.52E-06	2.28E-06	1.04E-06	9.83E-07	4.70E-08	1.14E-06	2.51E-07	3.42E-07	5.43E-07	9.57E-08	5.16E-07	2.93E-06
306	488567.3	3858059.4	3.94E-03	4.04E-03	3.81E-03	1.37E-06	4.12E-06	2.39E-06	2.44E-06	2.22E-06	1.01E-06	9.54E-07	4.56E-08	1.10E-06	2.43E-07	3.32E-07	5.26E-07	9.28E-08	5.00E-07	2.84E-06
307	488617.3	3858059.4	3.83E-03	3.92E-03	3.70E-03	1.32E-06	4.00E-06	2.32E-06	2.37E-06	2.15E-06	9.81E-07	9.25E-07	4.42E-08	1.07E-06	2.36E-07	3.22E-07	5.11E-07	9.00E-08	4.86E-07	2.76E-06
308	488667.3	3858059.4	3.71E-03	3.80E-03	3.58E-03	1.28E-06	3.88E-06	2.24E-06	2.30E-06	2.08E-06	9.51E-07	8.97E-07	4.29E-08	1.04E-06	2.29E-07	3.12E-07	4.95E-07	8.72E-08	4.71E-07	2.67E-06
309	488417.3	3858109.4	4.66E-03	4.78E-03	4.51E-03	1.61E-06	4.87E-06	2.82E-06	2.89E-06	2.62E-06	1.20E-06	1.13E-06	5.39E-08	1.30E-06	2.87E-07	3.92E-07	6.23E-07	1.10E-07	5.92E-07	3.36E-06
310	488467.3	3858109.4	4.51E-03	4.62E-03	4.36E-03	1.56E-06	4.71E-06	2.73E-06	2.79E-06	2.53E-06	1.16E-06	1.09E-06	5.21E-08	1.26E-06	2.78E-07	3.79E-07	6.02E-07	1.06E-07	5.72E-07	3.25E-06
311	488517.3	3858109.4	4.36E-03	4.47E-03	4.22E-03	1.51E-06	4.56E-06	2.64E-06	2.70E-06	2.45E-06	1.12E-06	1.06E-06	5.04E-08	1.22E-06	2.69E-07	3.67E-07	5.83E-07	1.03E-07	5.54E-07	3.14E-06
312	488567.3	3858109.4	4.22E-03	4.32E-03	4.08E-03	1.46E-06	4.41E-06	2.55E-06	2.62E-06	2.37E-06	1.08E-06	1.02E-06	4.88E-08	1.18E-06	2.60E-07	3.55E-07	5.63E-07	9.93E-08	5.36E-07	3.04E-06
313	488617.3	3858109.4	4.09E-03	4.19E-03	3.95E-03	1.42E-06	4.27E-06	2.47E-06	2.53E-06	2.30E-06	1.05E-06	9.89E-07	4.73E-08	1.14E-06	2.52E-07	3.44E-07	5.46E-07	9.62E-08	5.19E-07	2.95E-06
314	488667.3	3858109.4	3.95E-03	4.05E-03	3.82E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	1.01E-06	9.55E-07	4.57E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.29E-08	5.01E-07	2.85E-06
315	488769.9	3858449.3	6.28E-03	6.44E-03	6.07E-03	2.18E-06	6.57E-06	3.80E-06	3.89E-06	3.53E-06	1.61E-06	1.52E-06	7.26E-08	1.75E-06	3.87E-07	5.29E-07	8.39E-07	1.48E-07	7.97E-07	4.53E-06
316	488819.9	3858449.3	5.94E-03	6.09E-03	5.74E-03	2.06E-06	6.21E-06	3.60E-06	3.68E-06	3.34E-06	1.52E-06	1.44E-06	6.87E-08	1.66E-06	3.66E-07	5.00E-07	7.93E-07	1.40E-07	7.54E-07	4.28E-06
317	488819.9	3858499.3	6.61E-03	6.77E-03	6.38E-03	2.29E-06	6.91E-06	4.00E-06	4.09E-06	3.71E-06	1.69E-06	1.60E-06	7.64E-08	1.84E-06	4.07E-07	5.56E-07	8.82E-07	1.55E-07	8.38E-07	4.76E-06
318	488869.9	3858499.3	6.23E-03	6.38E-03	6.02E-03	2.16E-06	6.51E-06	3.77E-06	3.86E-06	3.50E-06	1.60E-06	1.51E-06	7.20E-08	1.74E-06	3.84E-07	5.24E-07	8.31E-07	1.46E-07	7.90E-07	4.49E-06
319	488869.9	3858549.3	6.96E-03	7.13E-03	6.72E-03	2.41E-06	7.27E-06	4.21E-06	4.31E-06	3.91E-06	1.78E-06	1.68E-06	8.05E-08	1.94E-06	4.29E-07	5.86E-07	9.29E-07	1.64E-07	8.83E-07	5.01E-06
320	489438.2	3859571.5	3.44E-03	3.52E-03	3.32E-03	1.19E-06	3.59E-06	2.08E-06	2.13E-06	1.93E-06	8.81E-07	8.31E-07	3.98E-08	9.60E-07	2.12E-07	2.89E-07	4.59E-07	8.09E-08	4.36E-07	2.48E-06
321	489488.2	3859571.5	3.76E-03	3.85E-03	3.63E-03	1.30E-06	3.93E-06	2.28E-06	2.33E-06	2.11E-06	9.64E-07	9.10E-07	4.35E-08	1.05E-06	2.32E-07	3.17E-07	5.02E-07	8.85E-08	4.77E-07	2.71E-06
322	489538.2	3859571.5	4.16E-03	4.26E-03	4.02E-03	1.44E-06	4.35E-06	2.52E-06	2.58E-06	2.34E-06	1.07E-06	1.01E-06	4.81E-08	1.16E-06	2.56E-07	3.50E-07	5.55E-07	9.78E-08	5.28E-07	3.00E-06
323	489588.2	3859571.5	4.64E-03	4.76E-03	4.49E-03	1.61E-06	4.85E-06	2.81E-06	2.88E-06	2.61E-06	1.19E-06	1.12E-06	5.37E-08	1.30E-06	2.86E-07	3.91E-07	6.20E-07	1.09E-07	5.89E-07	3.35E-06
324	489438.2	3859621.5	2.97E-03	3.04E-03	2.87E-03	1.03E-06	3.10E-06	1.80E-06	1.84E-06	1.67E-06	7.61E-07	7.18E-07	3.43E-08	8.29E-07	1.83E-07	2.50E-07	3.96E-07	6.99E-08	3.77E-07	2.14E-06
325	489488.2	3859621.5	3.20E-03	3.28E-03	3.09E-03	1.11E-06	3.35E-06	1.94E-06	1.98E-06	1.80E-06	8.21E-07	7.74E-07	3.70E-08	8.94E-07	1.97E-07	2.69E-07	4.27E-07	7.53E-08	4.06E-07	2.31E-06
326	489538.2	3859621.5	3.48E-03	3.56E-03	3.36E-03	1.20E-06	3.63E-06	2.10E-06	2.15E-06	1.95E-06	8.91E-07	8.41E-07	4.02E-08	9.71E-07	2.14E-07	2.93E-07	4.64E-07	8.18E-08	4.41E-07	2.51E-06
327	489588.2	3859621.5	3.82E-03	3.91E-03	3.69E-03	1.32E-06	3.99E-06	2.31E-06	2.36E-06	2.14E-06	9.78E-07	9.22E-07	4.41E-08	1.07E-06	2.35E-07	3.21E-07	5.09E-07	8.97E-08	4.84E-07	2.75E-06
328	489238.2	3859671.5	2.10E-03	2.16E-03	2.03E-03	7.29E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.39E-07	5.09E-07	2.43E-08	5.88E-07	1.30E-07	1.77E-07	2.81E-07	4.95E-08	2.67E-07	1.52E-06
329	489288.2	3859671.5	2.21E-03	2.26E-03	2.13E-03	7.65E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.66E-07	5.34E-07	2.55E-08	6.17E-07	1.36E-07	1.86E-07	2.95E-07	5.20E-08	2.80E-07	1.59E-06

330	489338.2	3859671.5	2.33E-03	2.39E-03	2.25E-03	8.07E-07	2.44E-06	1.41E-06	1.44E-06	1.31E-06	5.97E-07	5.63E-07	2.69E-08	6.51E-07	1.44E-07	1.96E-07	3.11E-07	5.48E-08	2.96E-07	1.68E-06
331	489388.2	3859671.5	2.47E-03	2.53E-03	2.39E-03	8.55E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.33E-07	5.97E-07	2.86E-08	6.90E-07	1.52E-07	2.08E-07	3.30E-07	5.81E-08	3.14E-07	1.78E-06
332	489438.2	3859671.5	2.62E-03	2.68E-03	2.53E-03	9.07E-07	2.74E-06	1.59E-06	1.62E-06	1.47E-06	6.72E-07	6.34E-07	3.03E-08	7.32E-07	1.61E-07	2.21E-07	3.50E-07	6.17E-08	3.33E-07	1.89E-06
333	489488.2	3859671.5	2.80E-03	2.87E-03	2.71E-03	9.70E-07	2.93E-06	1.70E-06	1.74E-06	1.57E-06	7.18E-07	6.78E-07	3.24E-08	7.83E-07	1.73E-07	2.36E-07	3.74E-07	6.59E-08	3.56E-07	2.02E-06
334	489538.2	3859671.5	3.01E-03	3.08E-03	2.91E-03	1.04E-06	3.14E-06	1.82E-06	1.86E-06	1.69E-06	7.71E-07	7.27E-07	3.48E-08	8.40E-07	1.85E-07	2.53E-07	4.01E-07	7.08E-08	3.82E-07	2.17E-06
335	489588.2	3859671.5	3.25E-03	3.33E-03	3.14E-03	1.12E-06	3.40E-06	1.97E-06	2.01E-06	1.82E-06	8.33E-07	7.85E-07	3.75E-08	9.07E-07	2.00E-07	2.73E-07	4.34E-07	7.64E-08	4.12E-07	2.34E-06
336	489238.2	3859721.5	1.94E-03	1.98E-03	1.87E-03	6.70E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.96E-07	4.68E-07	2.24E-08	5.41E-07	1.19E-07	1.63E-07	2.58E-07	4.56E-08	2.46E-07	1.40E-06
337	489288.2	3859721.5	2.03E-03	2.08E-03	1.96E-03	7.02E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.20E-07	4.90E-07	2.34E-08	5.66E-07	1.25E-07	1.71E-07	2.71E-07	4.77E-08	2.57E-07	1.46E-06
338	489338.2	3859721.5	2.13E-03	2.18E-03	2.05E-03	7.36E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.45E-07	5.14E-07	2.46E-08	5.93E-07	1.31E-07	1.79E-07	2.84E-07	5.00E-08	2.70E-07	1.53E-06
339	489388.2	3859721.5	2.23E-03	2.29E-03	2.16E-03	7.73E-07	2.34E-06	1.35E-06	1.38E-06	1.26E-06	5.73E-07	5.40E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.26E-08	2.84E-07	1.61E-06
340	489438.2	3859721.5	2.35E-03	2.41E-03	2.27E-03	8.15E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	6.03E-07	5.69E-07	2.72E-08	6.57E-07	1.45E-07	1.98E-07	3.14E-07	5.54E-08	2.99E-07	1.70E-06
341	489488.2	3859721.5	2.50E-03	2.56E-03	2.41E-03	8.64E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.40E-07	6.03E-07	2.88E-08	6.97E-07	1.54E-07	2.10E-07	3.33E-07	5.87E-08	3.17E-07	1.80E-06
342	489538.2	3859721.5	2.65E-03	2.72E-03	2.56E-03	9.19E-07	2.77E-06	1.61E-06	1.64E-06	1.49E-06	6.80E-07	6.42E-07	3.07E-08	7.41E-07	1.63E-07	2.23E-07	3.54E-07	6.24E-08	3.37E-07	1.91E-06
343	489588.2	3859721.5	2.83E-03	2.90E-03	2.74E-03	9.80E-07	2.96E-06	1.71E-06	1.76E-06	1.59E-06	7.26E-07	6.85E-07	3.27E-08	7.91E-07	1.75E-07	2.38E-07	3.78E-07	6.66E-08	3.59E-07	2.04E-06
344	489238.2	3859771.5	1.80E-03	1.84E-03	1.74E-03	6.22E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.60E-07	4.34E-07	2.08E-08	5.02E-07	1.11E-07	1.51E-07	2.40E-07	4.23E-08	2.28E-07	1.29E-06
345	489288.2	3859771.5	1.87E-03	1.92E-03	1.81E-03	6.48E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.80E-07	4.53E-07	2.16E-08	5.23E-07	1.15E-07	1.58E-07	2.50E-07	4.41E-08	2.38E-07	1.35E-06
346	489338.2	3859771.5	1.95E-03	2.00E-03	1.89E-03	6.76E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.01E-07	4.72E-07	2.26E-08	5.45E-07	1.20E-07	1.64E-07	2.61E-07	4.59E-08	2.48E-07	1.41E-06
347	489388.2	3859771.5	2.04E-03	2.09E-03	1.97E-03	7.07E-07	2.13E-06	1.24E-06	1.26E-06	1.15E-06	5.23E-07	4.94E-07	2.36E-08	5.70E-07	1.26E-07	1.72E-07	2.72E-07	4.80E-08	2.59E-07	1.47E-06
348	489438.2	3859771.5	2.14E-03	2.19E-03	2.07E-03	7.40E-07	2.24E-06	1.29E-06	1.33E-06	1.20E-06	5.48E-07	5.17E-07	2.47E-08	5.97E-07	1.32E-07	1.80E-07	2.85E-07	5.03E-08	2.71E-07	1.54E-06
349	489488.2	3859771.5	2.25E-03	2.31E-03	2.18E-03	7.80E-07	2.36E-06	1.36E-06	1.40E-06	1.27E-06	5.78E-07	5.45E-07	2.61E-08	6.29E-07	1.39E-07	1.90E-07	3.01E-07	5.30E-08	2.86E-07	1.62E-06
350	489538.2	3859771.5	2.38E-03	2.43E-03	2.30E-03	8.23E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	6.09E-07	5.75E-07	2.75E-08	6.63E-07	1.46E-07	2.00E-07	3.17E-07	5.59E-08	3.02E-07	1.71E-06
351	489588.2	3859771.5	2.51E-03	2.57E-03	2.43E-03	8.70E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.44E-07	6.08E-07	2.91E-08	7.02E-07	1.55E-07	2.11E-07	3.35E-07	5.91E-08	3.19E-07	1.81E-06
352	489238.2	3859821.5	1.68E-03	1.72E-03	1.62E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.42E-07	4.30E-07	4.05E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.24E-07	3.94E-08	2.13E-07	1.21E-06
353	489288.2	3859821.5	1.74E-03	1.78E-03	1.68E-03	6.03E-07	1.82E-06	1.05E-06	1.08E-06	9.78E-07	4.46E-07	4.21E-07	2.01E-08	4.86E-07	1.07E-07	1.47E-07	2.32E-07	4.10E-08	2.21E-07	1.25E-06
354	489338.2	3859821.5	1.81E-03	1.85E-03	1.75E-03	6.26E-07	1.89E-06	1.09E-06	1.12E-06	1.02E-06	4.63E-07	4.37E-07	2.09E-08	5.05E-07	1.11E-07	1.52E-07	2.41E-07	4.25E-08	2.29E-07	1.30E-06
355	489388.2	3859821.5	1.88E-03	1.93E-03	1.82E-03	6.52E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.83E-07	4.55E-07	2.18E-08	5.26E-07	1.16E-07	1.58E-07	2.51E-07	4.43E-08	2.39E-07	1.36E-06
356	489438.2	3859821.5	1.97E-03	2.01E-03	1.90E-03	6.81E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	5.04E-07	4.75E-07	2.27E-08	5.49E-07	1.21E-07	1.65E-07	2.62E-07	4.62E-08	2.49E-07	1.42E-06
357	489488.2	3859821.5	2.06E-03	2.11E-03	1.99E-03	7.12E-07	2.15E-06	1.24E-06	1.28E-06	1.16E-06	5.27E-07	4.97E-07	2.38E-08	5.74E-07	1.27E-07	1.73E-07	2.75E-07	4.84E-08	2.61E-07	1.48E-06
358	489538.2	3859821.5	2.15E-03	2.21E-03	2.08E-03	7.46E-07	2.25E-06	1.30E-06	1.34E-06	1.21E-06	5.52E-07	5.21E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.88E-07	5.07E-08	2.73E-07	1.55E-06
359	489588.2	3859821.5	2.26E-03	2.32E-03	2.18E-03	7.83E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.80E-07	5.47E-07	2.61E-08	6.31E-07	1.39E-07	1.90E-07	3.02E-07	5.32E-08	2.87E-07	1.63E-06
360	489238.2	3859871.5	1.57E-03	1.61E-03	1.52E-03	5.45E-07	1.64E-06	9.52E-07	9.75E-07	8.84E-07	4.03E-07	3.80E-07	1.82E-08	4.39E-07	9.69E-08	1.32E-07	2.10E-07	3.70E-08	2.00E-07	1.13E-06
361	489288.2	3859871.5	1.63E-03	1.67E-03	1.57E-03	5.64E-07	1.70E-06	9.85E-07	1.01E-06	9.15E-07	4.17E-07	3.94E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.83E-08	2.07E-07	1.17E-06
362	489338.2	3859871.5	1.69E-03	1.73E-03	1.63E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.47E-07	4.32E-07	4.08E-07	1.95E-08	4.71E-07	1.04E-07	1.42E-07	2.25E-07	3.96E-08	2.14E-07	1.21E-06
363	489388.2	3859871.5	1.75E-03	1.79E-03	1.69E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.83E-07	4.49E-07	4.23E-07	2.02E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.12E-08	2.22E-07	1.26E-06
364	489438.2	3859871.5	1.82E-03	1.87E-03	1.76E-03	6.30E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.67E-07	4.40E-07	2.11E-08	5.09E-07	1.12E-07	1.53E-07	2.43E-07	4.28E-08	2.31E-07	1.31E-06
365	489488.2	3859871.5	1.89E-03	1.94E-03	1.83E-03	6.55E-07	1.98E-06	1.14E-06	1.17E-06	1.06E-06	4.85E-07	4.57E-07	2.19E-08	5.28E-07	1.17E-07	1.59E-07	2.53E-07	4.45E-08	2.40E-07	1.36E-06
366	489538.2	3859871.5	1.97E-03	2.02E-03	1.90E-03	6.82E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	5.05E-07	4.76E-07	2.28E-08	5.50E-07	1.21E-07	1.66E-07	2.63E-07	4.63E-08	2.50E-07	1.42E-06
367	489588.2	3859871.5	2.06E-03	2.11E-03	1.99E-03	7.12E-07	2.15E-06	1.24E-06	1.27E-06	1.15E-06	5.27E-07	4.97E-07	2.38E-08	5.74E-07	1.27E-07	1.73E-07	2.74E-07	4.84E-08	2.61E-07	1.48E-06
368	489238.2	3859921.5	1.49E-03	1.52E-03	1.44E-03	5.14E-07	1.55E-06	8.99E-07	9.21E-07	8.35E-07	3.81E-07	3.59E-07	1.72E-08	4.15E-07	9.16E-08	1.25E-07	1.98E-07	3.50E-08	1.89E-07	1.07E-06
369	489288.2	3859921.5	1.53E-03	1.57E-03	1.48E-03	5.31E-07	1.60E-06	9.28E-07	9.50E-07	8.61E-07	3.93E-07	3.71E-07	1.77E-08	4.28E-07	9.45E-08	1.29E-07	2.05E-07	3.61E-08	1.95E-07	1.10E-06
370	489338.2	3859921.5	1.58E-03	1.62E-03	1.53E-03	5.48E-07	1.66E-06	9.58E-07	9.81E-07	8.90E-07	4.06E-07	3.83E-07	1.83E-08	4.42E-07	9.76E-08	1.33E-07	2.11E-07	3.73E-08	2.01E-07	1.14E-06
371	489388.2	3859921.5	1.64E-03	1.68E-03	1.58E-03	5.67E-07	1.71E-06	9.91E-07	1.02E-06	9.20E-07	4.20E-07	3.96E-07	1.89E-08	4.57E-07	1.01E-07	1.38E-07	2.19E-07	3.85E-08	2.08E-07	1.18E-06
372	489438.2	3859921.5	1.69E-03	1.73E-03	1.64E-03	5.86E-07	1.77E-06	1.02E-06	1.05E-06	9.51E-07	4.34E-07	4.09E-07	1.96E-08	4.73E-07	1.04E-07	1.42E-07	2.26E-07	3.98E-08	2.15E-07	1.22E-06
373	489488.2	3859921.5	1.75E-03	1.79E-03	1.69E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.83E-07	4.49E-07	4.23E-07	2.02E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.12E-08	2.22E-07	1.26E-06
374	489538.2	3859921.5	1.81E-03	1.86E-03	1.75E-03	6.28E-07	1.90E-06	1.10E-06	1.12E-06	1.02E-06	4.65E-07	4.39E-07	2.10E-08	5.06E-07	1.12E-07	1.53E-07	2.42E-07	4.27E-08	2.30E-07	1.31E-06
375	489588.2	3859921.5	1.87E-03	1.92E-03	1.81E-03	6.49E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.80E-07	4.53E-07	2.17E-08	5.23E-07	1.15E-07	1.58E-07	2.50E-07	4.41E-08	2.38E-07	1.35E-06
376	489238.2	3859971.5	1.41E-03	1.44E-03	1.36E-03	4.88E-07	1.47E-06	8.53E-07	8.73E-07	7.92E-07	3.61E-07	3.41E-07	1.63E-08	3.94E-07	8.68E-08	1.19E-07	1.88E-07	3.32E-08	1.79E-07	1.02E-06
377	489288.2	3859971.5	1.45E-03	1.48E-03	1.40E-03	5.02E-07	1.51E-06	8.77E-07	8.98E-07	8.14E-07	3.72E-07	3.50E-07	1.68E-08	4.05E-07	8.93E-08	1.22E-07	1.93E-07	3.41E-08	1.84E-07	1.04E-06
378	489338.2	3859971.5	1.49E-03	1.53E-03	1.44E-03	5.17E-07	1.56E-06	9.04E-07	9.26E-07	8.39E-07	3.83E-07	3.61E-07	1.73E-08	4.17E-07	9.20E-08	1.26E-07	1.99E-07	3.51E-08	1.90E-07	1.08E-06
379	489388.2	3859971.5	1.54E-03	1.58E-03	1.49E-03	5.32E-07	1.61E-06	9.31E-07	9.53E-07	8.64E-07	3.94E-07	3.72E-07	1.78E-08	4.29E-07	9.48E-08	1.29E-07	2.05E-07	3.62E-08	1.95E-07	1.11E-06
380	489438.2	3859971.5	1.57E-03	1.61E-03	1.52E-03	5.45E-07	1.64E-06	9.52E-07	9.75E-07	8.84E-07	4.03E-07	3.80E-07	1.82E-08	4.39E-07	9.69E-08	1.32E-07	2.10E-07	3.70E-08	2.00E-07	1.13E-06
381	489488.2	3859971.5	1.60E-03	1.63E-03	1.54E-03	5.52E-07	1.67E-06	9.65E-07	9.89E-07	8.96E-07	4.09E-07	3.86E-07	1.84E-08	4.45E-07	9.83E-08	1.34E-07	2.13E-07	3.75E-08	2.02E-07	1.15E-06
382	489538.2	3859971.5	1.62E-03	1.66E-03	1.56E-03	5.60E-07	1.69E-06	9.79E-07	1.00E-06	9.09E-07	4.15E-07	3.91E-07	1.87E-08	4.52E-07	9.97E-08	1.36E-07	2.16E-07	3.81E-08	2.05E-07	1.17E-06
383	489588.2	3859971.5	1.65E-03	1.69E-03	1.59E-03	5.70E-07	1.72E-06	9.96E-07	1.02E-06	9.24E-07	4.22E-07	3.98E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.20E-07	3.87E-08	2.09E-07	1.19E-06
384	483577.7	3854071	3.42E-03	3.50E-03	3.31E-03	1.18E-06	3.58E-06	2.07E-06	2.12E-06	1.92E-06	8.77E-07	8.27E-07	3.95E-08	9.55E-07	2.11E-07	2.88E-07	4.57E-07	8.05E-08	4.34E-07	2.46E-06
385	483627.7	3854071	3.22E-03	3.30E-03	3.11E-03	1.11E-06	3.37E-06	1.95E-06	2.00E-06	1.81E-06	8.25E-07	7.79E-07	3.72E-08	8.99E-07	1.98E-07	2.71E-07	4.30E-07	7.58E-08	4.09E-07	2.32E-06

386	483677.7	3854071	3.04E-03	3.11E-03	2.94E-03	1.05E-06	3.18E-06	1.84E-06	1.88E-06	1.71E-06	7.79E-07	7.35E-07	3.51E-08	8.48E-07	1.87E-07	2.56E-07	4.06E-07	7.15E-08	3.86E-07	2.19E-06
387	483727.7	3854071	2.88E-03	2.94E-03	2.78E-03	9.95E-07	3.00E-06	1.74E-06	1.78E-06	1.62E-06	7.37E-07	6.95E-07	3.32E-08	8.03E-07	1.77E-07	2.42E-07	3.84E-07	6.76E-08	3.65E-07	2.07E-06
388	483777.7	3854071	2.70E-03	2.77E-03	2.61E-03	9.36E-07	2.83E-06	1.64E-06	1.68E-06	1.52E-06	6.93E-07	6.54E-07	3.13E-08	7.55E-07	1.67E-07	2.28E-07	3.61E-07	6.36E-08	3.43E-07	1.95E-06
389	483577.7	3854121	3.45E-03	3.53E-03	3.33E-03	1.19E-06	3.61E-06	2.09E-06	2.14E-06	1.94E-06	8.85E-07	8.34E-07	3.99E-08	9.63E-07	2.13E-07	2.90E-07	4.61E-07	8.12E-08	4.38E-07	2.49E-06
390	483627.7	3854121	3.22E-03	3.30E-03	3.12E-03	1.12E-06	3.37E-06	1.95E-06	2.00E-06	1.81E-06	8.27E-07	7.80E-07	3.73E-08	9.00E-07	1.99E-07	2.71E-07	4.30E-07	7.59E-08	4.09E-07	2.32E-06
391	483677.7	3854121	3.01E-03	3.08E-03	2.91E-03	1.04E-06	3.15E-06	1.82E-06	1.86E-06	1.69E-06	7.71E-07	7.28E-07	3.48E-08	8.40E-07	1.85E-07	2.53E-07	4.02E-07	7.08E-08	3.82E-07	2.17E-06
392	483727.7	3854121	2.82E-03	2.88E-03	2.72E-03	9.75E-07	2.94E-06	1.70E-06	1.75E-06	1.58E-06	7.22E-07	6.81E-07	3.26E-08	7.86E-07	1.74E-07	2.37E-07	3.76E-07	6.62E-08	3.57E-07	2.03E-06
393	483777.7	3854121	2.67E-03	2.73E-03	2.58E-03	9.23E-07	2.79E-06	1.61E-06	1.65E-06	1.50E-06	6.84E-07	6.45E-07	3.08E-08	7.45E-07	1.64E-07	2.24E-07	3.56E-07	6.27E-08	3.38E-07	1.92E-06
394	483577.7	3854171	3.43E-03	3.52E-03	3.32E-03	1.19E-06	3.59E-06	2.08E-06	2.13E-06	1.93E-06	8.80E-07	8.30E-07	3.97E-08	9.59E-07	2.12E-07	2.89E-07	4.58E-07	8.08E-08	4.36E-07	2.47E-06
395	483627.7	3854171	3.17E-03	3.25E-03	3.06E-03	1.10E-06	3.32E-06	1.92E-06	1.97E-06	1.78E-06	8.13E-07	7.67E-07	3.67E-08	8.86E-07	1.95E-07	2.67E-07	4.23E-07	7.46E-08	4.02E-07	2.28E-06
396	483677.7	3854171	2.96E-03	3.04E-03	2.86E-03	1.03E-06	3.10E-06	1.79E-06	1.84E-06	1.66E-06	7.60E-07	7.17E-07	3.43E-08	8.27E-07	1.83E-07	2.49E-07	3.96E-07	6.97E-08	3.76E-07	2.14E-06
397	483727.7	3854171	2.79E-03	2.86E-03	2.70E-03	9.67E-07	2.92E-06	1.69E-06	1.73E-06	1.57E-06	7.16E-07	6.75E-07	3.23E-08	7.80E-07	1.72E-07	2.35E-07	3.73E-07	6.57E-08	3.54E-07	2.01E-06
398	483777.7	3854171	2.63E-03	2.70E-03	2.55E-03	9.12E-07	2.75E-06	1.59E-06	1.63E-06	1.48E-06	6.75E-07	6.37E-07	3.05E-08	7.36E-07	1.62E-07	2.22E-07	3.52E-07	6.20E-08	3.34E-07	1.90E-06
399	483827.7	3854171	2.47E-03	2.53E-03	2.38E-03	8.54E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.32E-07	5.96E-07	2.85E-08	6.89E-07	1.52E-07	2.08E-07	3.29E-07	5.80E-08	3.13E-07	1.78E-06
400	483877.7	3854171	2.35E-03	2.41E-03	2.27E-03	8.13E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	6.02E-07	5.68E-07	2.72E-08	6.56E-07	1.45E-07	1.98E-07	3.14E-07	5.53E-08	2.98E-07	1.69E-06
401	483727.7	3854221	2.78E-03	2.85E-03	2.69E-03	9.64E-07	2.91E-06	1.68E-06	1.73E-06	1.56E-06	7.14E-07	6.73E-07	3.22E-08	7.77E-07	1.72E-07	2.34E-07	3.72E-07	6.55E-08	3.53E-07	2.01E-06
402	483777.7	3854221	2.62E-03	2.68E-03	2.53E-03	9.06E-07	2.74E-06	1.58E-06	1.62E-06	1.47E-06	6.71E-07	6.33E-07	3.03E-08	7.31E-07	1.61E-07	2.20E-07	3.49E-07	6.16E-08	3.32E-07	1.89E-06
403	483827.7	3854221	2.51E-03	2.57E-03	2.43E-03	8.69E-07	2.62E-06	1.52E-06	1.56E-06	1.41E-06	6.44E-07	6.07E-07	2.90E-08	7.01E-07	1.55E-07	2.11E-07	3.35E-07	5.91E-08	3.19E-07	1.81E-06
404	483877.7	3854221	2.37E-03	2.43E-03	2.29E-03	8.20E-07	2.48E-06	1.43E-06	1.47E-06	1.33E-06	6.07E-07	5.73E-07	2.74E-08	6.61E-07	1.46E-07	1.99E-07	3.16E-07	5.57E-08	3.01E-07	1.71E-06
405	489150.2	3858726.5	7.34E-03	7.52E-03	7.09E-03	2.54E-06	7.67E-06	4.44E-06	4.55E-06	4.12E-06	1.88E-06	1.77E-06	8.48E-08	2.05E-06	4.52E-07	6.18E-07	9.80E-07	1.73E-07	9.31E-07	5.29E-06
406	489200.2	3858726.5	6.87E-03	7.04E-03	6.64E-03	2.38E-06	7.18E-06	4.16E-06	4.26E-06	3.86E-06	1.76E-06	1.66E-06	7.94E-08	1.92E-06	4.23E-07	5.78E-07	9.17E-07	1.62E-07	8.72E-07	4.95E-06
407	489150.2	3858776.5	8.41E-03	8.61E-03	8.13E-03	2.91E-06	8.79E-06	5.09E-06	5.21E-06	4.73E-06	2.16E-06	2.03E-06	9.72E-08	2.35E-06	5.18E-07	7.08E-07	1.12E-06	1.98E-07	1.07E-06	6.06E-06
408	489200.2	3858776.5	7.78E-03	7.97E-03	7.52E-03	2.69E-06	8.13E-06	4.71E-06	4.82E-06	4.37E-06	1.99E-06	1.88E-06	8.99E-08	2.17E-06	4.79E-07	6.55E-07	1.04E-06	1.83E-07	9.87E-07	5.61E-06
409	488919.6	3856400.8	1.28E-03	1.31E-03	1.23E-03	4.42E-07	1.33E-06	7.72E-07	7.91E-07	7.17E-07	3.27E-07	3.09E-07	1.48E-08	3.56E-07	7.87E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.20E-07
410	488919.6	3856450.8	1.30E-03	1.33E-03	1.25E-03	4.50E-07	1.36E-06	7.86E-07	8.05E-07	7.30E-07	3.33E-07	3.14E-07	1.50E-08	3.63E-07	8.00E-08	1.09E-07	1.73E-07	3.06E-08	1.65E-07	9.36E-07
411	488969.6	3856450.8	1.29E-03	1.32E-03	1.24E-03	4.46E-07	1.35E-06	7.80E-07	7.98E-07	7.24E-07	3.30E-07	3.12E-07	1.49E-08	3.60E-07	7.94E-08	1.08E-07	1.72E-07	3.03E-08	1.63E-07	9.28E-07
412	488919.6	3856500.8	1.32E-03	1.35E-03	1.28E-03	4.58E-07	1.38E-06	8.00E-07	8.20E-07	7.43E-07	3.39E-07	3.20E-07	1.53E-08	3.69E-07	8.15E-08	1.11E-07	1.77E-07	3.11E-08	1.68E-07	9.53E-07
413	488969.6	3856500.8	1.31E-03	1.34E-03	1.27E-03	4.54E-07	1.37E-06	7.94E-07	8.13E-07	7.37E-07	3.36E-07	3.17E-07	1.52E-08	3.66E-07	8.08E-08	1.10E-07	1.75E-07	3.09E-08	1.66E-07	9.45E-07
414	488919.6	3856550.8	1.35E-03	1.38E-03	1.30E-03	4.66E-07	1.41E-06	8.15E-07	8.35E-07	7.57E-07	3.45E-07	3.26E-07	1.56E-08	3.76E-07	8.30E-08	1.13E-07	1.80E-07	3.17E-08	1.71E-07	9.71E-07
415	488969.6	3856550.8	1.34E-03	1.37E-03	1.29E-03	4.62E-07	1.40E-06	8.08E-07	8.28E-07	7.50E-07	3.42E-07	3.23E-07	1.54E-08	3.73E-07	8.23E-08	1.12E-07	1.78E-07	3.14E-08	1.69E-07	9.62E-07
416	488819.6	3856600.8	1.40E-03	1.43E-03	1.35E-03	4.83E-07	1.46E-06	8.45E-07	8.65E-07	7.84E-07	3.58E-07	3.38E-07	1.61E-08	3.90E-07	8.60E-08	1.17E-07	1.86E-07	3.28E-08	1.77E-07	1.01E-06
417	488869.6	3856600.8	1.38E-03	1.42E-03	1.34E-03	4.79E-07	1.45E-06	8.37E-07	8.57E-07	7.77E-07	3.54E-07	3.34E-07	1.60E-08	3.86E-07	8.52E-08	1.16E-07	1.85E-07	3.25E-08	1.75E-07	9.96E-07
418	488919.6	3856600.8	1.37E-03	1.41E-03	1.33E-03	4.75E-07	1.43E-06	8.30E-07	8.51E-07	7.71E-07	3.52E-07	3.32E-07	1.59E-08	3.83E-07	8.46E-08	1.15E-07	1.83E-07	3.23E-08	1.74E-07	9.89E-07
419	488819.6	3856650.8	1.42E-03	1.46E-03	1.37E-03	4.93E-07	1.49E-06	8.61E-07	8.82E-07	7.99E-07	3.65E-07	3.44E-07	1.64E-08	3.97E-07	8.77E-08	1.20E-07	1.90E-07	3.35E-08	1.81E-07	1.02E-06
420	488869.6	3856650.8	1.41E-03	1.44E-03	1.36E-03	4.88E-07	1.47E-06	8.53E-07	8.73E-07	7.92E-07	3.61E-07	3.41E-07	1.63E-08	3.94E-07	8.68E-08	1.19E-07	1.88E-07	3.32E-08	1.79E-07	1.02E-06
421	488819.6	3856700.8	1.45E-03	1.49E-03	1.40E-03	5.02E-07	1.52E-06	8.78E-07	8.99E-07	8.15E-07	3.72E-07	3.51E-07	1.68E-08	4.05E-07	8.94E-08	1.22E-07	1.94E-07	3.41E-08	1.84E-07	1.05E-06
422	488869.6	3856700.8	1.44E-03	1.47E-03	1.39E-03	4.97E-07	1.50E-06	8.69E-07	8.90E-07	8.07E-07	3.68E-07	3.47E-07	1.66E-08	4.01E-07	8.85E-08	1.21E-07	1.92E-07	3.38E-08	1.82E-07	1.03E-06
423	488819.6	3856750.8	1.48E-03	1.51E-03	1.43E-03	5.12E-07	1.55E-06	8.95E-07	9.16E-07	8.31E-07	3.79E-07	3.58E-07	1.71E-08	4.13E-07	9.11E-08	1.24E-07	1.97E-07	3.48E-08	1.88E-07	1.07E-06
424	488869.6	3856750.8	1.47E-03	1.50E-03	1.42E-03	5.07E-07	1.53E-06	8.87E-07	9.08E-07	8.23E-07	3.76E-07	3.54E-07	1.69E-08	4.09E-07	9.03E-08	1.23E-07	1.96E-07	3.45E-08	1.86E-07	1.06E-06
425	488819.6	3857050.8	1.68E-03	1.72E-03	1.62E-03	5.81E-07	1.75E-06	1.02E-06	1.04E-06	9.43E-07	4.30E-07	4.06E-07	1.94E-08	4.69E-07	1.03E-07	1.41E-07	2.24E-07	3.95E-08	2.13E-07	1.21E-06
426	488869.6	3857050.8	1.66E-03	1.70E-03	1.61E-03	5.75E-07	1.74E-06	1.01E-06	1.03E-06	9.34E-07	4.26E-07	4.02E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.91E-08	2.11E-07	1.20E-06
427	488919.6	3857050.8	1.65E-03	1.69E-03	1.59E-03	5.70E-07	1.72E-06	9.96E-07	1.02E-06	9.24E-07	4.22E-07	3.98E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.20E-07	3.87E-08	2.09E-07	1.19E-06
428	488819.6	3857100.8	1.72E-03	1.76E-03	1.66E-03	5.95E-07	1.80E-06	1.04E-06	1.06E-06	9.65E-07	4.40E-07	4.15E-07	1.99E-08	4.80E-07	1.06E-07	1.45E-07	2.29E-07	4.04E-08	2.18E-07	1.24E-06
429	488869.6	3857100.8	1.70E-03	1.74E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.55E-07	4.36E-07	4.11E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	4.00E-08	2.16E-07	1.22E-06
430	488919.6	3857100.8	1.68E-03	1.72E-03	1.63E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.46E-07	4.32E-07	4.07E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.96E-08	2.14E-07	1.21E-06
431	488819.6	3857150.8	1.76E-03	1.80E-03	1.70E-03	6.09E-07	1.84E-06	1.07E-06	1.09E-06	9.89E-07	4.51E-07	4.26E-07	2.04E-08	4.92E-07	1.08E-07	1.48E-07	2.35E-07	4.14E-08	2.23E-07	1.27E-06
432	488869.6	3857150.8	1.74E-03	1.78E-03	1.68E-03	6.03E-07	1.82E-06	1.05E-06	1.08E-06	9.78E-07	4.46E-07	4.21E-07	2.01E-08	4.86E-07	1.07E-07	1.47E-07	2.32E-07	4.10E-08	2.21E-07	1.25E-06
433	488919.6	3857150.8	1.72E-03	1.77E-03	1.67E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.68E-07	4.42E-07	4.17E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	4.06E-08	2.19E-07	1.24E-06
434	488969.6	3857150.8	1.71E-03	1.75E-03	1.65E-03	5.91E-07	1.78E-06	1.03E-06	1.06E-06	9.58E-07	4.37E-07	4.13E-07	1.97E-08	4.76E-07	1.05E-07	1.44E-07	2.28E-07	4.01E-08	2.16E-07	1.23E-06
435	488819.6	3857200.8	1.80E-03	1.85E-03	1.74E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.63E-07	4.36E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.25E-08	2.29E-07	1.30E-06
436	488869.6	3857200.8	1.79E-03	1.83E-03	1.73E-03	6.18E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.58E-07	4.32E-07	2.06E-08	4.99E-07	1.10E-07	1.50E-07	2.38E-07	4.20E-08	2.27E-07	1.29E-06
437	488919.6	3857200.8	1.77E-03	1.81E-03	1.71E-03	6.12E-07	1.85E-06	1.07E-06	1.09E-06	9.92E-07	4.53E-07	4.27E-07	2.04E-08	4.93E-07	1.09E-07	1.49E-07	2.36E-07	4.16E-08	2.24E-07	1.27E-06
438	488969.6	3857200.8	1.75E-03	1.79E-03	1.69E-03	6.05E-07	1.83E-06	1.06E-06	1.08E-06	9.82E-07	4.48E-07	4.23E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.11E-08	2.22E-07	1.26E-06
439	488819.6	3857250.8	1.85E-03	1.90E-03	1.79E-03	6.41E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.75E-07	4.48E-07	2.14E-08	5.17E-07	1.14E-07	1.56E-07	2.47E-07	4.36E-08	2.35E-07	1.33E-06
440	488869.6	3857250.8	1.83E-03	1.88E-03	1.77E-03	6.34E-07	1.91E-06	1.11E-06	1.14E-06	1.03E-06	4.69E-07	4.43E-07	2.12E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.31E-08	2.32E-07	1.32E-06
441	488919.6	3857250.8	1.81E-03	1.85E-03	1.75E-03	6.27E-07	1.89E-06	1.10E-06	1.12E-06	1.02E-06	4.64E-07	4.38E-07	2.09E-08	5.06E-07	1.12E-07	1.52E-07	2.42E-07	4.26E-08	2.30E-07	1.30E-06

442	488969.6	3857250.8	1.79E-03	1.84E-03	1.73E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.59E-07	4.33E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.21E-08	2.27E-07	1.29E-06
443	488819.6	3857300.8	1.90E-03	1.95E-03	1.84E-03	6.59E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.88E-07	4.60E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.48E-08	2.41E-07	1.37E-06
444	488869.6	3857300.8	1.88E-03	1.93E-03	1.82E-03	6.51E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.82E-07	4.55E-07	2.17E-08	5.25E-07	1.16E-07	1.58E-07	2.51E-07	4.42E-08	2.39E-07	1.35E-06
445	488919.6	3857300.8	1.86E-03	1.90E-03	1.80E-03	6.44E-07	1.94E-06	1.13E-06	1.15E-06	1.04E-06	4.77E-07	4.50E-07	2.15E-08	5.19E-07	1.15E-07	1.56E-07	2.48E-07	4.37E-08	2.36E-07	1.34E-06
446	488819.6	3857450.8	2.07E-03	2.12E-03	2.00E-03	7.17E-07	2.17E-06	1.25E-06	1.28E-06	1.16E-06	5.31E-07	5.01E-07	2.40E-08	5.79E-07	1.28E-07	1.74E-07	2.77E-07	4.87E-08	2.63E-07	1.49E-06
447	488869.6	3857450.8	2.04E-03	2.09E-03	1.97E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.24E-07	4.94E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.81E-08	2.59E-07	1.47E-06
448	488919.6	3857450.8	2.02E-03	2.07E-03	1.95E-03	6.99E-07	2.11E-06	1.22E-06	1.25E-06	1.14E-06	5.18E-07	4.89E-07	2.34E-08	5.64E-07	1.24E-07	1.70E-07	2.70E-07	4.75E-08	2.56E-07	1.46E-06
449	488819.6	3857500.8	2.13E-03	2.19E-03	2.06E-03	7.39E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.47E-07	5.16E-07	2.47E-08	5.96E-07	1.31E-07	1.80E-07	2.85E-07	5.02E-08	2.71E-07	1.54E-06
450	488869.6	3857500.8	2.11E-03	2.16E-03	2.04E-03	7.30E-07	2.20E-06	1.28E-06	1.31E-06	1.18E-06	5.40E-07	5.10E-07	2.44E-08	5.88E-07	1.30E-07	1.77E-07	2.81E-07	4.96E-08	2.67E-07	1.52E-06
451	488919.6	3857500.8	2.08E-03	2.13E-03	2.01E-03	7.20E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.33E-07	5.03E-07	2.41E-08	5.81E-07	1.28E-07	1.75E-07	2.78E-07	4.90E-08	2.64E-07	1.50E-06
452	488819.6	3857550.8	2.20E-03	2.26E-03	2.13E-03	7.63E-07	2.30E-06	1.33E-06	1.37E-06	1.24E-06	5.65E-07	5.33E-07	2.55E-08	6.15E-07	1.36E-07	1.85E-07	2.94E-07	5.18E-08	2.80E-07	1.59E-06
453	488869.6	3857550.8	2.17E-03	2.23E-03	2.10E-03	7.52E-07	2.27E-06	1.31E-06	1.35E-06	1.22E-06	5.57E-07	5.25E-07	2.51E-08	6.07E-07	1.34E-07	1.83E-07	2.90E-07	5.11E-08	2.76E-07	1.57E-06
454	488919.6	3857550.8	2.15E-03	2.20E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.19E-07	2.48E-08	5.99E-07	1.32E-07	1.81E-07	2.86E-07	5.05E-08	2.72E-07	1.55E-06
455	489663.7	3860900.1	8.10E-04	8.30E-04	7.83E-04	2.80E-07	8.47E-07	4.90E-07	5.02E-07	4.55E-07	2.08E-07	1.96E-07	9.37E-09	2.26E-07	4.99E-08	6.82E-08	1.08E-07	1.91E-08	1.03E-07	5.84E-07
456	489813.7	3860900.1	8.50E-04	8.71E-04	8.21E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.78E-07	2.18E-07	2.06E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	2.00E-08	1.08E-07	6.12E-07
457	489863.7	3860900.1	8.63E-04	8.84E-04	8.34E-04	2.99E-07	9.02E-07	5.22E-07	5.35E-07	4.85E-07	2.21E-07	2.09E-07	9.98E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	2.03E-08	1.10E-07	6.22E-07
458	489913.7	3860900.1	8.78E-04	8.99E-04	8.48E-04	3.04E-07	9.18E-07	5.31E-07	5.44E-07	4.93E-07	2.25E-07	2.12E-07	1.02E-08	2.45E-07	5.41E-08	7.39E-08	1.17E-07	2.07E-08	1.11E-07	6.33E-07
459	489963.7	3860900.1	8.93E-04	9.15E-04	8.63E-04	3.09E-07	9.33E-07	5.40E-07	5.53E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.50E-08	7.51E-08	1.19E-07	2.10E-08	1.13E-07	6.43E-07
460	490013.7	3860900.1	9.09E-04	9.31E-04	8.78E-04	3.15E-07	9.50E-07	5.50E-07	5.63E-07	5.11E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.60E-08	7.65E-08	1.21E-07	2.14E-08	1.15E-07	6.55E-07
461	490063.7	3860900.1	9.25E-04	9.48E-04	8.94E-04	3.20E-07	9.67E-07	5.60E-07	5.73E-07	5.20E-07	2.37E-07	2.24E-07	1.07E-08	2.58E-07	5.70E-08	7.79E-08	1.24E-07	2.18E-08	1.17E-07	6.67E-07
462	489663.7	3860950.1	7.88E-04	8.07E-04	7.61E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.43E-07	2.02E-07	1.91E-07	9.11E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.85E-08	1.00E-07	5.68E-07
463	489813.7	3860950.1	8.25E-04	8.45E-04	7.97E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.11E-07	1.99E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.94E-08	1.05E-07	5.94E-07
464	489863.7	3860950.1	8.37E-04	8.57E-04	8.08E-04	2.90E-07	8.75E-07	5.06E-07	5.19E-07	4.70E-07	2.15E-07	2.02E-07	9.67E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.97E-08	1.06E-07	6.03E-07
465	489913.7	3860950.1	8.50E-04	8.71E-04	8.21E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.78E-07	2.18E-07	2.06E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	2.00E-08	1.08E-07	6.12E-07
466	489963.7	3860950.1	8.65E-04	8.86E-04	8.36E-04	2.99E-07	9.04E-07	5.23E-07	5.36E-07	4.86E-07	2.22E-07	2.09E-07	1.00E-08	2.41E-07	5.33E-08	7.28E-08	1.15E-07	2.03E-08	1.10E-07	6.23E-07
467	490013.7	3860950.1	8.80E-04	9.01E-04	8.50E-04	3.04E-07	9.19E-07	5.32E-07	5.45E-07	4.94E-07	2.25E-07	2.13E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.07E-08	1.12E-07	6.34E-07
468	490063.7	3860950.1	8.94E-04	9.16E-04	8.64E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.50E-07	5.51E-08	7.53E-08	1.19E-07	2.10E-08	1.13E-07	6.44E-07
469	489513.7	3861000.1	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07
470	489563.7	3861000.1	7.48E-04	7.66E-04	7.23E-04	2.59E-07	7.82E-07	4.53E-07	4.64E-07	4.20E-07	1.92E-07	1.81E-07	8.65E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.76E-08	9.50E-08	5.39E-07
471	489613.7	3861000.1	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
472	489663.7	3861000.1	7.69E-04	7.88E-04	7.43E-04	2.66E-07	8.04E-07	4.65E-07	4.77E-07	4.32E-07	1.97E-07	1.86E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.81E-08	9.76E-08	5.54E-07
473	489713.7	3861000.1	7.79E-04	7.98E-04	7.53E-04	2.70E-07	8.14E-07	4.72E-07	4.83E-07	4.38E-07	2.00E-07	1.88E-07	9.01E-09	2.18E-07	4.80E-08	6.56E-08	1.04E-07	1.83E-08	9.89E-08	5.61E-07
474	489763.7	3861000.1	7.90E-04	8.09E-04	7.63E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.44E-07	2.02E-07	1.91E-07	9.13E-09	2.20E-07	4.86E-08	6.64E-08	1.05E-07	1.86E-08	1.00E-07	5.69E-07
475	489813.7	3861000.1	8.01E-04	8.21E-04	7.74E-04	2.77E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.05E-07	1.94E-07	9.26E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.89E-08	1.02E-07	5.77E-07
476	489863.7	3861000.1	8.13E-04	8.33E-04	7.86E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.08E-07	1.97E-07	9.40E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.91E-08	1.03E-07	5.86E-07
477	489913.7	3861000.1	8.26E-04	8.47E-04	7.98E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.12E-07	2.00E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.94E-08	1.05E-07	5.95E-07
478	489963.7	3861000.1	8.38E-04	8.59E-04	8.10E-04	2.90E-07	8.76E-07	5.07E-07	5.20E-07	4.71E-07	2.15E-07	2.03E-07	9.69E-09	2.34E-07	5.17E-08	7.05E-08	1.12E-07	1.97E-08	1.06E-07	6.04E-07
479	490013.7	3861000.1	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
480	490063.7	3861000.1	8.66E-04	8.87E-04	8.37E-04	3.00E-07	9.06E-07	5.24E-07	5.37E-07	4.87E-07	2.22E-07	2.09E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	2.04E-08	1.10E-07	6.24E-07
481	489513.7	3861050.1	7.23E-04	7.41E-04	6.99E-04	2.50E-07	7.56E-07	4.38E-07	4.48E-07	4.06E-07	1.85E-07	1.75E-07	8.36E-09	2.02E-07	4.46E-08	6.08E-08	9.65E-08	1.70E-08	9.18E-08	5.21E-07
482	489563.7	3861050.1	7.31E-04	7.48E-04	7.06E-04	2.53E-07	7.64E-07	4.42E-07	4.53E-07	4.10E-07	1.87E-07	1.77E-07	8.44E-09	2.04E-07	4.50E-08	6.15E-08	9.75E-08	1.72E-08	9.27E-08	5.26E-07
483	489613.7	3861050.1	7.41E-04	7.59E-04	7.16E-04	2.56E-07	7.74E-07	4.48E-07	4.59E-07	4.16E-07	1.90E-07	1.79E-07	8.56E-09	2.07E-07	4.56E-08	6.23E-08	9.89E-08	1.74E-08	9.40E-08	5.34E-07
484	489663.7	3861050.1	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
485	489713.7	3861050.1	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
486	489763.7	3861050.1	7.69E-04	7.88E-04	7.43E-04	2.66E-07	8.04E-07	4.65E-07	4.77E-07	4.32E-07	1.97E-07	1.86E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.81E-08	9.76E-08	5.54E-07
487	489813.7	3861050.1	7.81E-04	8.00E-04	7.54E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.39E-07	2.00E-07	1.89E-07	9.02E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.84E-08	9.91E-08	5.62E-07
488	489863.7	3861050.1	7.91E-04	8.10E-04	7.64E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	2.03E-07	1.91E-07	9.14E-09	2.21E-07	4.87E-08	6.66E-08	1.06E-07	1.86E-08	1.00E-07	5.70E-07
489	489913.7	3861050.1	8.03E-04	8.22E-04	7.76E-04	2.78E-07	8.39E-07	4.86E-07	4.98E-07	4.51E-07	2.06E-07	1.94E-07	9.28E-09	2.24E-07	4.95E-08	6.76E-08	1.07E-07	1.89E-08	1.02E-07	5.78E-07
490	489963.7	3861050.1	8.15E-04	8.34E-04	7.87E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.09E-07	1.97E-07	9.42E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.92E-08	1.03E-07	5.87E-07
491	490013.7	3861050.1	8.28E-04	8.48E-04	8.00E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.12E-07	2.00E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.11E-07	1.95E-08	1.05E-07	5.96E-07
492	490063.7	3861050.1	8.41E-04	8.62E-04	8.13E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.73E-07	2.16E-07	2.03E-07	9.72E-09	2.35E-07	5.18E-08	7.08E-08	1.12E-07	1.98E-08	1.07E-07	6.06E-07
493	489513.7	3861100.1	7.07E-04	7.24E-04	6.83E-04	2.45E-07	7.39E-07	4.28E-07	4.38E-07	3.97E-07	1.81E-07	1.71E-07	8.17E-09	1.97E-07	4.36E-08	5.95E-08	9.44E-08	1.66E-08	8.97E-08	5.09E-07
494	489563.7	3861100.1	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
495	489613.7	3861100.1	7.22E-04	7.39E-04	6.97E-04	2.50E-07	7.54E-07	4.37E-07	4.47E-07	4.05E-07	1.85E-07	1.75E-07	8.34E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.70E-08	9.16E-08	5.20E-07
496	489663.7	3861100.1	7.31E-04	7.48E-04	7.06E-04	2.53E-07	7.64E-07	4.42E-07	4.53E-07	4.10E-07	1.87E-07	1.77E-07	8.44E-09	2.04E-07	4.50E-08	6.15E-08	9.75E-08	1.72E-08	9.27E-08	5.26E-07
497	489713.7	3861100.1	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07

498	489763.7	3861100.1	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
499	489813.7	3861100.1	7.60E-04	7.78E-04	7.34E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.95E-07	1.84E-07	8.79E-09	2.12E-07	4.68E-08	6.40E-08	1.01E-07	1.79E-08	9.65E-08	5.48E-07
500	489863.7	3861100.1	7.70E-04	7.89E-04	7.44E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.97E-07	1.86E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.81E-08	9.78E-08	5.55E-07
501	489913.7	3861100.1	7.81E-04	8.00E-04	7.54E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.39E-07	2.00E-07	1.89E-07	9.02E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.84E-08	9.91E-08	5.62E-07
502	489963.7	3861100.1	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
503	490013.7	3861100.1	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
504	490063.7	3861100.1	8.18E-04	8.37E-04	7.90E-04	2.83E-07	8.55E-07	4.95E-07	5.07E-07	4.59E-07	2.10E-07	1.98E-07	9.45E-09	2.28E-07	5.04E-08	6.88E-08	1.09E-07	1.92E-08	1.04E-07	5.89E-07
505	489713.7	3861150.1	7.22E-04	7.39E-04	6.97E-04	2.50E-07	7.54E-07	4.37E-07	4.47E-07	4.05E-07	1.85E-07	1.75E-07	8.34E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.70E-08	9.16E-08	5.20E-07
506	489763.7	3861150.1	7.31E-04	7.48E-04	7.06E-04	2.53E-07	7.64E-07	4.42E-07	4.53E-07	4.10E-07	1.87E-07	1.77E-07	8.44E-09	2.04E-07	4.50E-08	6.15E-08	9.75E-08	1.72E-08	9.27E-08	5.26E-07
507	489813.7	3861150.1	7.41E-04	7.59E-04	7.16E-04	2.56E-07	7.74E-07	4.48E-07	4.59E-07	4.16E-07	1.90E-07	1.79E-07	8.56E-09	2.07E-07	4.56E-08	6.23E-08	9.89E-08	1.74E-08	9.40E-08	5.34E-07
508	489863.7	3861150.1	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
509	489913.7	3861150.1	7.60E-04	7.78E-04	7.34E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.95E-07	1.84E-07	8.79E-09	2.12E-07	4.68E-08	6.40E-08	1.01E-07	1.79E-08	9.65E-08	5.48E-07
510	489963.7	3861150.1	7.72E-04	7.91E-04	7.46E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.34E-07	1.98E-07	1.87E-07	8.92E-09	2.16E-07	4.76E-08	6.49E-08	1.03E-07	1.82E-08	9.79E-08	5.56E-07
511	490013.7	3861150.1	7.82E-04	8.01E-04	7.56E-04	2.71E-07	8.18E-07	4.73E-07	4.85E-07	4.39E-07	2.01E-07	1.89E-07	9.04E-09	2.18E-07	4.82E-08	6.58E-08	1.04E-07	1.84E-08	9.93E-08	5.64E-07
512	490063.7	3861150.1	7.94E-04	8.13E-04	7.67E-04	2.75E-07	8.30E-07	4.80E-07	4.92E-07	4.46E-07	2.04E-07	1.92E-07	9.18E-09	2.22E-07	4.89E-08	6.68E-08	1.06E-07	1.87E-08	1.01E-07	5.72E-07
513	489613.7	3861200.1	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
514	489663.7	3861200.1	6.97E-04	7.13E-04	6.73E-04	2.41E-07	7.28E-07	4.21E-07	4.32E-07	3.91E-07	1.79E-07	1.68E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.64E-08	8.84E-08	5.02E-07
515	489713.7	3861200.1	7.04E-04	7.21E-04	6.80E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.80E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.66E-08	8.93E-08	5.07E-07
516	489763.7	3861200.1	7.13E-04	7.30E-04	6.89E-04	2.47E-07	7.45E-07	4.31E-07	4.42E-07	4.00E-07	1.83E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	6.00E-08	9.52E-08	1.68E-08	9.05E-08	5.14E-07
517	489813.7	3861200.1	7.22E-04	7.39E-04	6.97E-04	2.50E-07	7.54E-07	4.37E-07	4.47E-07	4.05E-07	1.85E-07	1.75E-07	8.34E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.70E-08	9.16E-08	5.20E-07
518	489863.7	3861200.1	7.32E-04	7.50E-04	7.07E-04	2.53E-07	7.65E-07	4.43E-07	4.54E-07	4.11E-07	1.88E-07	1.77E-07	8.46E-09	2.04E-07	4.51E-08	6.16E-08	9.77E-08	1.72E-08	9.29E-08	5.27E-07
519	489913.7	3861200.1	7.41E-04	7.59E-04	7.16E-04	2.56E-07	7.74E-07	4.48E-07	4.59E-07	4.16E-07	1.90E-07	1.79E-07	8.56E-09	2.07E-07	4.56E-08	6.23E-08	9.89E-08	1.74E-08	9.40E-08	5.34E-07
520	489963.7	3861200.1	7.51E-04	7.69E-04	7.26E-04	2.60E-07	7.85E-07	4.55E-07	4.66E-07	4.22E-07	1.93E-07	1.82E-07	8.68E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.77E-08	9.53E-08	5.41E-07
521	490013.7	3861200.1	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
522	490063.7	3861200.1	7.73E-04	7.92E-04	7.47E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.98E-07	1.87E-07	8.94E-09	2.16E-07	4.76E-08	6.51E-08	1.03E-07	1.82E-08	9.81E-08	5.57E-07
523	489513.7	3861250.1	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
524	489563.7	3861250.1	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
525	489613.7	3861250.1	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
526	489663.7	3861250.1	6.80E-04	6.97E-04	6.57E-04	2.36E-07	7.11E-07	4.12E-07	4.22E-07	3.82E-07	1.74E-07	1.65E-07	7.86E-09	1.90E-07	4.19E-08	5.72E-08	9.08E-08	1.60E-08	8.63E-08	4.90E-07
527	489713.7	3861250.1	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
528	489763.7	3861250.1	6.97E-04	7.13E-04	6.73E-04	2.41E-07	7.28E-07	4.21E-07	4.32E-07	3.91E-07	1.79E-07	1.68E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.64E-08	8.84E-08	5.02E-07
529	489813.7	3861250.1	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
530	489863.7	3861250.1	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
531	489913.7	3861250.1	7.23E-04	7.41E-04	6.99E-04	2.50E-07	7.56E-07	4.38E-07	4.48E-07	4.06E-07	1.85E-07	1.75E-07	8.36E-09	2.02E-07	4.46E-08	6.08E-08	9.65E-08	1.70E-08	9.18E-08	5.21E-07
532	489963.7	3861250.1	7.32E-04	7.50E-04	7.07E-04	2.53E-07	7.65E-07	4.43E-07	4.54E-07	4.11E-07	1.88E-07	1.77E-07	8.46E-09	2.04E-07	4.51E-08	6.16E-08	9.77E-08	1.72E-08	9.29E-08	5.27E-07
533	490013.7	3861250.1	7.42E-04	7.60E-04	7.17E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.90E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	6.25E-08	9.91E-08	1.75E-08	9.42E-08	5.35E-07
534	490063.7	3861250.1	7.53E-04	7.71E-04	7.27E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.93E-07	1.82E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.77E-08	9.55E-08	5.42E-07
535	489528.1	3861308.5	6.45E-04	6.61E-04	6.23E-04	2.23E-07	6.74E-07	3.90E-07	4.00E-07	3.62E-07	1.65E-07	1.56E-07	7.46E-09	1.80E-07	3.97E-08	5.43E-08	8.61E-08	1.52E-08	8.18E-08	4.65E-07
536	489578.1	3861308.5	6.51E-04	6.67E-04	6.29E-04	2.25E-07	6.80E-07	3.94E-07	4.03E-07	3.66E-07	1.67E-07	1.57E-07	7.52E-09	1.82E-07	4.01E-08	5.48E-08	8.69E-08	1.53E-08	8.26E-08	4.69E-07
537	489628.1	3861308.5	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
538	489678.1	3861308.5	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
539	489728.1	3861308.5	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
540	489778.1	3861308.5	6.80E-04	6.97E-04	6.57E-04	2.36E-07	7.11E-07	4.12E-07	4.22E-07	3.82E-07	1.74E-07	1.65E-07	7.86E-09	1.90E-07	4.19E-08	5.72E-08	9.08E-08	1.60E-08	8.63E-08	4.90E-07
541	489678.1	3861358.5	6.51E-04	6.67E-04	6.29E-04	2.25E-07	6.80E-07	3.94E-07	4.03E-07	3.66E-07	1.67E-07	1.57E-07	7.52E-09	1.82E-07	4.01E-08	5.48E-08	8.69E-08	1.53E-08	8.26E-08	4.69E-07
542	489728.1	3861358.5	6.57E-04	6.73E-04	6.35E-04	2.27E-07	6.86E-07	3.97E-07	4.07E-07	3.69E-07	1.68E-07	1.59E-07	7.59E-09	1.83E-07	4.05E-08	5.53E-08	8.77E-08	1.54E-08	8.33E-08	4.73E-07
543	489528.1	3861408.5	6.18E-04	6.33E-04	5.97E-04	2.14E-07	6.46E-07	3.74E-07	3.83E-07	3.47E-07	1.59E-07	1.50E-07	7.15E-09	1.73E-07	3.81E-08	5.20E-08	8.25E-08	1.45E-08	7.85E-08	4.46E-07
544	489578.1	3861408.5	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
545	489628.1	3861408.5	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
546	489678.1	3861408.5	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
547	489728.1	3861408.5	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
548	489528.1	3861458.5	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
549	489578.1	3861458.5	6.12E-04	6.27E-04	5.92E-04	2.12E-07	6.40E-07	3.71E-07	3.80E-07	3.44E-07	1.57E-07	1.48E-07	7.08E-09	1.71E-07	3.77E-08	5.15E-08	8.18E-08	1.44E-08	7.77E-08	4.41E-07
550	489628.1	3861458.5	6.18E-04	6.33E-04	5.97E-04	2.14E-07	6.46E-07	3.74E-07	3.83E-07	3.47E-07	1.59E-07	1.50E-07	7.15E-09	1.73E-07	3.81E-08	5.20E-08	8.25E-08	1.45E-08	7.85E-08	4.46E-07
551	489678.1	3861458.5	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
552	489728.1	3861458.5	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
553	489528.1	3861508.5	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07

554	489578.1	3861508.5	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
555	489628.1	3861508.5	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
556	489678.1	3861508.5	6.11E-04	6.26E-04	5.90E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.57E-07	1.48E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.16E-08	1.44E-08	7.75E-08	4.40E-07
557	489728.1	3861508.5	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
558	489628.1	3861558.5	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07
559	489678.1	3861558.5	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
560	489728.1	3861558.5	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
561	489357.1	3861015.8	7.08E-04	7.26E-04	6.84E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.82E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.46E-08	1.67E-08	8.99E-08	5.10E-07
562	489407.1	3861015.8	7.16E-04	7.33E-04	6.92E-04	2.48E-07	7.48E-07	4.33E-07	4.44E-07	4.02E-07	1.83E-07	1.73E-07	8.27E-09	2.00E-07	4.41E-08	6.02E-08	9.55E-08	1.68E-08	9.08E-08	5.16E-07
563	489457.1	3861015.8	7.23E-04	7.41E-04	6.99E-04	2.50E-07	7.56E-07	4.38E-07	4.48E-07	4.06E-07	1.85E-07	1.75E-07	8.36E-09	2.02E-07	4.46E-08	6.08E-08	9.65E-08	1.70E-08	9.18E-08	5.21E-07
564	489357.1	3861065.8	6.94E-04	7.10E-04	6.70E-04	2.40E-07	7.25E-07	4.20E-07	4.30E-07	3.90E-07	1.78E-07	1.68E-07	8.02E-09	1.94E-07	4.27E-08	5.84E-08	9.26E-08	1.63E-08	8.80E-08	5.00E-07
565	489407.1	3861065.8	7.00E-04	7.17E-04	6.76E-04	2.42E-07	7.31E-07	4.23E-07	4.34E-07	3.93E-07	1.79E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.89E-08	9.34E-08	1.65E-08	8.88E-08	5.04E-07
566	489457.1	3861065.8	7.07E-04	7.24E-04	6.83E-04	2.45E-07	7.39E-07	4.28E-07	4.38E-07	3.97E-07	1.81E-07	1.71E-07	8.17E-09	1.97E-07	4.36E-08	5.95E-08	9.44E-08	1.66E-08	8.97E-08	5.09E-07
567	489357.1	3861115.8	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
568	489407.1	3861115.8	6.85E-04	7.01E-04	6.62E-04	2.37E-07	7.16E-07	4.14E-07	4.24E-07	3.85E-07	1.76E-07	1.66E-07	7.92E-09	1.91E-07	4.22E-08	5.76E-08	9.14E-08	1.61E-08	8.69E-08	4.93E-07
569	489457.1	3861115.8	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
570	489407.1	3861165.8	6.70E-04	6.86E-04	6.47E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.72E-07	1.62E-07	7.75E-09	1.87E-07	4.13E-08	5.64E-08	8.94E-08	1.58E-08	8.50E-08	4.83E-07
571	489457.1	3861165.8	6.77E-04	6.94E-04	6.54E-04	2.35E-07	7.08E-07	4.10E-07	4.20E-07	3.81E-07	1.74E-07	1.64E-07	7.83E-09	1.89E-07	4.17E-08	5.70E-08	9.04E-08	1.59E-08	8.60E-08	4.88E-07
572	489407.1	3861215.8	6.55E-04	6.71E-04	6.33E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.68E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.75E-08	1.54E-08	8.32E-08	4.72E-07
573	489457.1	3861215.8	6.61E-04	6.77E-04	6.39E-04	2.29E-07	6.91E-07	4.00E-07	4.10E-07	3.71E-07	1.69E-07	1.60E-07	7.64E-09	1.85E-07	4.07E-08	5.56E-08	8.83E-08	1.56E-08	8.39E-08	4.76E-07
574	489407.1	3861265.8	6.41E-04	6.56E-04	6.19E-04	2.22E-07	6.69E-07	3.88E-07	3.97E-07	3.60E-07	1.64E-07	1.55E-07	7.40E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.51E-08	8.13E-08	4.61E-07
575	489457.1	3861265.8	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
576	489309.9	3861110.1	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
577	489407.1	3861315.8	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
578	489457.1	3861315.8	6.33E-04	6.48E-04	6.12E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.62E-07	1.53E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.49E-08	8.03E-08	4.56E-07
579	488906	3861006.8	6.54E-04	6.70E-04	6.32E-04	2.26E-07	6.83E-07	3.96E-07	4.05E-07	3.67E-07	1.68E-07	1.58E-07	7.56E-09	1.83E-07	4.03E-08	5.50E-08	8.73E-08	1.54E-08	8.30E-08	4.71E-07
580	488956	3861006.8	6.60E-04	6.76E-04	6.37E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.69E-07	1.60E-07	7.63E-09	1.84E-07	4.06E-08	5.55E-08	8.81E-08	1.55E-08	8.37E-08	4.75E-07
581	488904.2	3861051.9	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
582	488954.2	3861051.9	6.48E-04	6.64E-04	6.26E-04	2.24E-07	6.77E-07	3.92E-07	4.02E-07	3.64E-07	1.66E-07	1.57E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.65E-08	1.52E-08	8.22E-08	4.67E-07
583	489004.2	3861051.9	6.55E-04	6.71E-04	6.33E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.68E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.75E-08	1.54E-08	8.32E-08	4.72E-07
584	488804.2	3861101.9	6.20E-04	6.35E-04	5.99E-04	2.15E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.59E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	5.22E-08	8.27E-08	1.46E-08	7.87E-08	4.47E-07
585	488854.2	3861101.9	6.26E-04	6.41E-04	6.05E-04	2.17E-07	6.54E-07	3.79E-07	3.88E-07	3.52E-07	1.60E-07	1.51E-07	7.23E-09	1.75E-07	3.86E-08	5.27E-08	8.35E-08	1.47E-08	7.94E-08	4.51E-07
586	488904.2	3861101.9	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
587	488954.2	3861101.9	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
588	489004.2	3861101.9	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
589	488804.2	3861151.9	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
590	488854.2	3861151.9	6.11E-04	6.26E-04	5.90E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.57E-07	1.48E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.16E-08	1.44E-08	7.75E-08	4.40E-07
591	489129.5	3861187.6	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
592	489179.5	3861187.6	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
593	488804.2	3861201.9	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07
594	488854.2	3861201.9	5.99E-04	6.14E-04	5.79E-04	2.07E-07	6.26E-07	3.63E-07	3.71E-07	3.37E-07	1.54E-07	1.45E-07	6.93E-09	1.67E-07	3.69E-08	5.04E-08	8.00E-08	1.41E-08	7.60E-08	4.32E-07
595	489129.5	3861237.6	6.18E-04	6.33E-04	5.97E-04	2.14E-07	6.46E-07	3.74E-07	3.83E-07	3.47E-07	1.59E-07	1.50E-07	7.15E-09	1.73E-07	3.81E-08	5.20E-08	8.25E-08	1.45E-08	7.85E-08	4.46E-07
596	489179.5	3861237.6	6.23E-04	6.38E-04	6.02E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.60E-07	1.51E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.47E-08	7.90E-08	4.49E-07
597	488804.2	3861251.9	5.84E-04	5.99E-04	5.65E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.50E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.92E-08	7.80E-08	1.37E-08	7.42E-08	4.21E-07
598	488854.2	3861251.9	5.87E-04	6.02E-04	5.67E-04	2.03E-07	6.14E-07	3.55E-07	3.64E-07	3.30E-07	1.51E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.94E-08	7.84E-08	1.38E-08	7.45E-08	4.23E-07
599	488804.2	3861301.9	5.73E-04	5.87E-04	5.53E-04	1.98E-07	5.99E-07	3.46E-07	3.55E-07	3.22E-07	1.47E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.82E-08	7.64E-08	1.35E-08	7.27E-08	4.13E-07
600	488854.2	3861301.9	5.77E-04	5.91E-04	5.58E-04	2.00E-07	6.03E-07	3.49E-07	3.58E-07	3.24E-07	1.48E-07	1.40E-07	6.67E-09	1.61E-07	3.56E-08	4.86E-08	7.70E-08	1.36E-08	7.32E-08	4.16E-07
601	490943.5	3860182	4.62E-03	4.73E-03	4.47E-03	1.60E-06	4.83E-06	2.80E-06	2.86E-06	2.60E-06	1.18E-06	1.12E-06	5.34E-08	1.29E-06	2.85E-07	3.89E-07	6.17E-07	1.09E-07	5.87E-07	3.33E-06
602	490993.5	3860182	5.21E-03	5.34E-03	5.03E-03	1.80E-06	5.45E-06	3.15E-06	3.23E-06	2.93E-06	1.34E-06	1.26E-06	6.02E-08	1.46E-06	3.21E-07	4.38E-07	6.96E-07	1.23E-07	6.61E-07	3.75E-06
603	491043.5	3860182	6.02E-03	6.16E-03	5.81E-03	2.08E-06	6.29E-06	3.64E-06	3.73E-06	3.38E-06	1.54E-06	1.45E-06	6.96E-08	1.68E-06	3.71E-07	5.06E-07	8.03E-07	1.42E-07	7.64E-07	4.33E-06
604	491093.5	3860182	7.17E-03	7.34E-03	6.92E-03	2.48E-06	7.49E-06	4.34E-06	4.44E-06	4.03E-06	1.84E-06	1.73E-06	8.28E-08	2.00E-06	4.42E-07	6.03E-07	9.57E-07	1.69E-07	9.09E-07	5.16E-06
605	490943.5	3860232	3.90E-03	4.00E-03	3.77E-03	1.35E-06	4.08E-06	2.36E-06	2.42E-06	2.19E-06	1.00E-06	9.44E-07	4.51E-08	1.09E-06	2.40E-07	3.28E-07	5.21E-07	9.18E-08	4.95E-07	2.81E-06
606	490993.5	3860232	4.34E-03	4.44E-03	4.19E-03	1.50E-06	4.53E-06	2.62E-06	2.69E-06	2.44E-06	1.11E-06	1.05E-06	5.01E-08	1.21E-06	2.67E-07	3.65E-07	5.79E-07	1.02E-07	5.50E-07	3.12E-06
607	491043.5	3860232	4.87E-03	4.98E-03	4.70E-03	1.68E-06	5.09E-06	2.94E-06	3.02E-06	2.73E-06	1.25E-06	1.18E-06	5.62E-08	1.36E-06	3.00E-07	4.09E-07	6.50E-07	1.14E-07	6.17E-07	3.51E-06
608	491093.5	3860232	5.58E-03	5.72E-03	5.39E-03	1.93E-06	5.84E-06	3.38E-06	3.46E-06	3.14E-06	1.43E-06	1.35E-06	6.45E-08	1.56E-06	3.44E-07	4.70E-07	7.45E-07	1.31E-07	7.08E-07	4.02E-06
609	490943.5	3860282	3.39E-03	3.47E-03	3.27E-03	1.17E-06	3.54E-06	2.05E-06	2.10E-06	1.90E-06	8.68E-07	8.19E-07	3.92E-08	9.46E-07	2.09E-07	2.85E-07	4.52E-07	7.97E-08	4.30E-07	2.44E-06

610	490993.5	3860282	3.71E-03	3.80E-03	3.58E-03	1.28E-06	3.87E-06	2.24E-06	2.30E-06	2.08E-06	9.50E-07	8.96E-07	4.29E-08	1.04E-06	2.28E-07	3.12E-07	4.95E-07	8.72E-08	4.70E-07	2.67E-06
611	491043.5	3860282	4.09E-03	4.19E-03	3.95E-03	1.42E-06	4.28E-06	2.48E-06	2.54E-06	2.30E-06	1.05E-06	9.90E-07	4.73E-08	1.14E-06	2.52E-07	3.44E-07	5.46E-07	9.63E-08	5.19E-07	2.95E-06
612	491093.5	3860282	4.59E-03	4.70E-03	4.43E-03	1.59E-06	4.80E-06	2.78E-06	2.84E-06	2.58E-06	1.18E-06	1.11E-06	5.30E-08	1.28E-06	2.83E-07	3.86E-07	6.12E-07	1.08E-07	5.82E-07	3.31E-06
613	490943.5	3860332	3.00E-03	3.07E-03	2.90E-03	1.04E-06	3.13E-06	1.81E-06	1.86E-06	1.68E-06	7.69E-07	7.25E-07	3.47E-08	8.37E-07	1.85E-07	2.52E-07	4.00E-07	7.05E-08	3.81E-07	2.16E-06
614	490993.5	3860332	3.24E-03	3.31E-03	3.13E-03	1.12E-06	3.38E-06	1.96E-06	2.00E-06	1.82E-06	8.29E-07	7.82E-07	3.74E-08	9.03E-07	1.99E-07	2.72E-07	4.32E-07	7.61E-08	4.11E-07	2.33E-06
615	491043.5	3860332	3.52E-03	3.61E-03	3.40E-03	1.22E-06	3.68E-06	2.13E-06	2.18E-06	1.98E-06	9.03E-07	8.52E-07	4.07E-08	9.84E-07	2.17E-07	2.97E-07	4.70E-07	8.29E-08	4.47E-07	2.54E-06
616	491093.5	3860332	3.89E-03	3.98E-03	3.76E-03	1.35E-06	4.06E-06	2.35E-06	2.41E-06	2.18E-06	9.96E-07	9.40E-07	4.49E-08	1.09E-06	2.40E-07	3.27E-07	5.19E-07	9.14E-08	4.93E-07	2.80E-06
617	490086.7	3859935.1	2.98E-03	3.05E-03	2.88E-03	1.03E-06	3.11E-06	1.80E-06	1.84E-06	1.67E-06	7.63E-07	7.20E-07	3.44E-08	8.31E-07	1.83E-07	2.50E-07	3.97E-07	7.00E-08	3.78E-07	2.14E-06
618	490136.7	3859935.1	3.17E-03	3.24E-03	3.06E-03	1.10E-06	3.31E-06	1.92E-06	1.96E-06	1.78E-06	8.11E-07	7.65E-07	3.66E-08	8.84E-07	1.95E-07	2.66E-07	4.23E-07	7.45E-08	4.02E-07	2.28E-06
619	490186.7	3859935.1	3.38E-03	3.46E-03	3.27E-03	1.17E-06	3.53E-06	2.05E-06	2.10E-06	1.90E-06	8.67E-07	8.18E-07	3.91E-08	9.44E-07	2.08E-07	2.84E-07	4.51E-07	7.95E-08	4.29E-07	2.44E-06
620	490236.7	3859935.1	3.63E-03	3.72E-03	3.50E-03	1.26E-06	3.79E-06	2.20E-06	2.25E-06	2.04E-06	9.30E-07	8.77E-07	4.19E-08	1.01E-06	2.24E-07	3.05E-07	4.84E-07	8.53E-08	4.60E-07	2.61E-06
621	490286.7	3859935.1	3.91E-03	4.00E-03	3.78E-03	1.35E-06	4.08E-06	2.36E-06	2.42E-06	2.20E-06	1.00E-06	9.45E-07	4.52E-08	1.09E-06	2.41E-07	3.29E-07	5.22E-07	9.19E-08	4.96E-07	2.82E-06
622	490336.7	3859935.1	4.23E-03	4.34E-03	4.09E-03	1.47E-06	4.43E-06	2.56E-06	2.62E-06	2.38E-06	1.09E-06	1.02E-06	4.89E-08	1.18E-06	2.61E-07	3.56E-07	5.65E-07	9.96E-08	5.37E-07	3.05E-06
623	490386.7	3859935.1	4.63E-03	4.74E-03	4.47E-03	1.60E-06	4.84E-06	2.80E-06	2.87E-06	2.60E-06	1.19E-06	1.12E-06	5.35E-08	1.29E-06	2.85E-07	3.90E-07	6.18E-07	1.09E-07	5.88E-07	3.34E-06
624	490436.7	3859935.1	5.10E-03	5.23E-03	4.93E-03	1.77E-06	5.33E-06	3.09E-06	3.16E-06	2.87E-06	1.31E-06	1.23E-06	5.90E-08	1.42E-06	3.14E-07	4.29E-07	6.81E-07	1.20E-07	6.47E-07	3.68E-06
625	490486.7	3859935.1	5.69E-03	5.83E-03	5.50E-03	1.97E-06	5.95E-06	3.44E-06	3.53E-06	3.20E-06	1.46E-06	1.38E-06	6.58E-08	1.59E-06	3.51E-07	4.79E-07	7.60E-07	1.34E-07	7.22E-07	4.10E-06
626	490536.7	3859935.1	6.49E-03	6.65E-03	6.27E-03	2.25E-06	6.79E-06	3.93E-06	4.02E-06	3.65E-06	1.66E-06	1.57E-06	7.50E-08	1.81E-06	4.00E-07	5.46E-07	8.67E-07	1.53E-07	8.24E-07	4.68E-06
627	490586.7	3859935.1	7.57E-03	7.75E-03	7.31E-03	2.62E-06	7.91E-06	4.58E-06	4.69E-06	4.25E-06	1.94E-06	1.83E-06	8.75E-08	2.11E-06	4.66E-07	6.37E-07	1.01E-06	1.78E-07	9.60E-07	5.45E-06
628	490636.7	3859935.1	8.96E-03	9.18E-03	8.66E-03	3.10E-06	9.37E-06	5.42E-06	5.55E-06	5.03E-06	2.30E-06	2.17E-06	1.04E-07	2.50E-06	5.52E-07	7.54E-07	1.20E-06	2.11E-07	1.14E-06	6.46E-06
629	490686.7	3859935.1	1.11E-02	1.14E-02	1.07E-02	3.85E-06	1.16E-05	6.73E-06	6.89E-06	6.24E-06	2.85E-06	2.69E-06	1.28E-07	3.10E-06	6.85E-07	9.35E-07	1.48E-06	2.61E-07	1.41E-06	8.01E-06
630	490736.7	3859935.1	1.42E-02	1.46E-02	1.37E-02	4.92E-06	1.49E-05	8.60E-06	8.81E-06	7.99E-06	3.64E-06	3.44E-06	1.64E-07	3.97E-06	8.76E-07	1.20E-06	1.90E-06	3.34E-07	1.80E-06	1.02E-05
631	490086.7	3859985.1	2.61E-03	2.68E-03	2.53E-03	9.05E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.70E-07	6.32E-07	3.02E-08	7.30E-07	1.61E-07	2.20E-07	3.49E-07	6.15E-08	3.32E-07	1.88E-06
632	490136.7	3859985.1	2.75E-03	2.82E-03	2.66E-03	9.53E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	7.06E-07	6.66E-07	3.18E-08	7.69E-07	1.70E-07	2.32E-07	3.67E-07	6.48E-08	3.49E-07	1.98E-06
633	490186.7	3859985.1	2.91E-03	2.98E-03	2.81E-03	1.01E-06	3.04E-06	1.76E-06	1.80E-06	1.64E-06	7.46E-07	7.04E-07	3.37E-08	8.13E-07	1.79E-07	2.45E-07	3.89E-07	6.85E-08	3.70E-07	2.10E-06
634	490236.7	3859985.1	3.09E-03	3.17E-03	2.99E-03	1.07E-06	3.23E-06	1.87E-06	1.92E-06	1.74E-06	7.93E-07	7.48E-07	3.58E-08	8.64E-07	1.91E-07	2.60E-07	4.13E-07	7.28E-08	3.93E-07	2.23E-06
635	490286.7	3859985.1	3.29E-03	3.37E-03	3.18E-03	1.14E-06	3.44E-06	1.99E-06	2.04E-06	1.85E-06	8.44E-07	7.96E-07	3.80E-08	9.19E-07	2.03E-07	2.77E-07	4.39E-07	7.74E-08	4.18E-07	2.37E-06
636	490336.7	3859985.1	3.52E-03	3.60E-03	3.40E-03	1.22E-06	3.67E-06	2.13E-06	2.18E-06	1.97E-06	9.01E-07	8.50E-07	4.06E-08	9.82E-07	2.17E-07	2.96E-07	4.69E-07	8.27E-08	4.46E-07	2.53E-06
637	490386.7	3859985.1	3.76E-03	3.85E-03	3.64E-03	1.30E-06	3.93E-06	2.28E-06	2.33E-06	2.11E-06	9.65E-07	9.10E-07	4.35E-08	1.05E-06	2.32E-07	3.17E-07	5.02E-07	8.85E-08	4.78E-07	2.71E-06
638	490436.7	3859985.1	4.06E-03	4.16E-03	3.92E-03	1.41E-06	4.25E-06	2.46E-06	2.52E-06	2.28E-06	1.04E-06	9.82E-07	4.69E-08	1.13E-06	2.50E-07	3.42E-07	5.42E-07	9.55E-08	5.15E-07	2.93E-06
639	490486.7	3859985.1	4.42E-03	4.53E-03	4.27E-03	1.53E-06	4.62E-06	2.67E-06	2.74E-06	2.48E-06	1.13E-06	1.07E-06	5.11E-08	1.23E-06	2.72E-07	3.72E-07	5.90E-07	1.04E-07	5.61E-07	3.18E-06
640	490536.7	3859985.1	4.87E-03	4.99E-03	4.70E-03	1.69E-06	5.09E-06	2.95E-06	3.02E-06	2.74E-06	1.25E-06	1.18E-06	5.63E-08	1.36E-06	3.00E-07	4.10E-07	6.50E-07	1.15E-07	6.18E-07	3.51E-06
641	490586.7	3859985.1	5.43E-03	5.56E-03	5.25E-03	1.88E-06	5.68E-06	3.29E-06	3.37E-06	3.05E-06	1.39E-06	1.31E-06	6.28E-08	1.52E-06	3.35E-07	4.57E-07	7.25E-07	1.28E-07	6.89E-07	3.91E-06
642	490636.7	3859985.1	6.15E-03	6.30E-03	5.95E-03	2.13E-06	6.43E-06	3.72E-06	3.81E-06	3.46E-06	1.58E-06	1.49E-06	7.11E-08	1.72E-06	3.79E-07	5.18E-07	8.21E-07	1.45E-07	7.81E-07	4.43E-06
643	490686.7	3859985.1	7.13E-03	7.30E-03	6.89E-03	2.47E-06	7.45E-06	4.31E-06	4.42E-06	4.00E-06	1.83E-06	1.72E-06	8.24E-08	1.99E-06	4.39E-07	6.00E-07	9.51E-07	1.68E-07	9.04E-07	5.13E-06
644	490736.7	3859985.1	8.34E-03	8.54E-03	8.05E-03	2.89E-06	8.71E-06	5.04E-06	5.17E-06	4.68E-06	2.14E-06	2.02E-06	9.64E-08	2.33E-06	5.14E-07	7.02E-07	1.11E-06	1.96E-07	1.06E-06	6.01E-06
645	490786.7	3859985.1	1.00E-02	1.03E-02	9.70E-03	3.47E-06	1.05E-05	6.07E-06	6.22E-06	5.64E-06	2.57E-06	2.43E-06	1.16E-07	2.80E-06	6.18E-07	8.45E-07	1.34E-06	2.36E-07	1.27E-06	7.23E-06
646	490086.7	3860035.1	2.34E-03	2.39E-03	2.26E-03	8.09E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.99E-07	5.65E-07	2.70E-08	6.52E-07	1.44E-07	1.97E-07	3.12E-07	5.50E-08	2.96E-07	1.68E-06
647	490136.7	3860035.1	2.45E-03	2.50E-03	2.36E-03	8.47E-07	2.56E-06	1.48E-06	1.52E-06	1.37E-06	6.27E-07	5.91E-07	2.83E-08	6.83E-07	1.51E-07	2.06E-07	3.26E-07	5.75E-08	3.10E-07	1.76E-06
648	490186.7	3860035.1	2.57E-03	2.63E-03	2.48E-03	8.88E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.58E-07	6.21E-07	2.97E-08	7.17E-07	1.58E-07	2.16E-07	3.43E-07	6.04E-08	3.26E-07	1.85E-06
649	490236.7	3860035.1	2.70E-03	2.77E-03	2.61E-03	9.35E-07	2.82E-06	1.63E-06	1.67E-06	1.52E-06	6.92E-07	6.53E-07	3.12E-08	7.54E-07	1.66E-07	2.27E-07	3.61E-07	6.35E-08	3.43E-07	1.95E-06
650	490286.7	3860035.1	2.85E-03	2.91E-03	2.75E-03	9.85E-07	2.97E-06	1.72E-06	1.76E-06	1.60E-06	7.29E-07	6.88E-07	3.29E-08	7.95E-07	1.75E-07	2.39E-07	3.80E-07	6.69E-08	3.61E-07	2.05E-06
651	490336.7	3860035.1	3.02E-03	3.09E-03	2.91E-03	1.04E-06	3.15E-06	1.82E-06	1.87E-06	1.69E-06	7.73E-07	7.29E-07	3.49E-08	8.42E-07	1.86E-07	2.54E-07	4.02E-07	7.09E-08	3.83E-07	2.17E-06
652	490386.7	3860035.1	3.19E-03	3.27E-03	3.08E-03	1.10E-06	3.34E-06	1.93E-06	1.98E-06	1.79E-06	8.18E-07	7.72E-07	3.69E-08	8.91E-07	1.97E-07	2.68E-07	4.26E-07	7.51E-08	4.05E-07	2.30E-06
653	490436.7	3860035.1	3.40E-03	3.48E-03	3.28E-03	1.18E-06	3.55E-06	2.06E-06	2.11E-06	1.91E-06	8.71E-07	8.21E-07	3.93E-08	9.49E-07	2.09E-07	2.86E-07	4.53E-07	7.99E-08	4.31E-07	2.45E-06
654	490486.7	3860035.1	3.64E-03	3.73E-03	3.51E-03	1.26E-06	3.80E-06	2.20E-06	2.25E-06	2.04E-06	9.33E-07	8.80E-07	4.21E-08	1.02E-06	2.24E-07	3.06E-07	4.86E-07	8.56E-08	4.62E-07	2.62E-06
655	490536.7	3860035.1	3.93E-03	4.02E-03	3.80E-03	1.36E-06	4.11E-06	2.38E-06	2.43E-06	2.21E-06	1.01E-06	9.50E-07	4.54E-08	1.10E-06	2.42E-07	3.31E-07	5.24E-07	9.24E-08	4.99E-07	2.83E-06
656	490586.7	3860035.1	4.27E-03	4.37E-03	4.12E-03	1.48E-06	4.46E-06	2.58E-06	2.65E-06	2.40E-06	1.09E-06	1.03E-06	4.94E-08	1.19E-06	2.63E-07	3.59E-07	5.70E-07	1.00E-07	5.42E-07	3.08E-06
657	490636.7	3860035.1	4.66E-03	4.78E-03	4.51E-03	1.61E-06	4.87E-06	2.82E-06	2.89E-06	2.62E-06	1.20E-06	1.13E-06	5.39E-08	1.30E-06	2.87E-07	3.92E-07	6.23E-07	1.10E-07	5.92E-07	3.36E-06
658	490686.7	3860035.1	5.18E-03	5.31E-03	5.01E-03	1.79E-06	5.42E-06	3.14E-06	3.21E-06	2.91E-06	1.33E-06	1.25E-06	5.99E-08	1.45E-06	3.19E-07	4.36E-07	6.92E-07	1.22E-07	6.58E-07	3.73E-06
659	490736.7	3860035.1	5.88E-03	6.02E-03	5.68E-03	2.03E-06	6.14E-06	3.56E-06	3.64E-06	3.30E-06	1.51E-06	1.42E-06	6.79E-08	1.64E-06	3.62E-07	4.94E-07	7.84E-07	1.38E-07	7.46E-07	4.23E-06
660	490786.7	3860035.1	6.68E-03	6.85E-03	6.46E-03	2.31E-06	6.99E-06	4.04E-06	4.14E-06	3.76E-06	1.71E-06	1.62E-06	7.73E-08	1.87E-06	4.12E-07	5.62E-07	8.92E-07	1.57E-07	8.48E-07	4.82E-06
661	490836.7	3860035.1	7.75E-03	7.94E-03	7.49E-03	2.68E-06	8.10E-06	4.69E-06	4.80E-06	4.35E-06	1.99E-06	1.87E-06	8.96E-08	2.16E-06	4.78E-07	6.52E-07	1.03E-06	1.82E-07	9.84E-07	5.58E-06
662	490086.7	3860085.1	2.12E-03	2.18E-03	2.05E-03	7.35E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.44E-07	5.14E-07	2.45E-08	5.93E-07	1.31E-07	1.79E-07	2.83E-07	5.00E-08	2.69E-07	1.53E-06
663	490136.7	3860085.1	2.20E-03	2.26E-03	2.13E-03	7.63E-07	2.30E-06	1.33E-06	1.37E-06	1.24E-06	5.65E-07	5.33E-07	2.55E-08	6.16E-07	1.36E-07	1.86E-07	2.94E-07	5.19E-08	2.80E-07	1.59E-06
664	490186.7	3860085.1	2.31E-03	2.36E-03	2.23E-03	7.98E-07	2.41E-06	1.39E-06	1.43E-06	1.30E-06	5.91E-07	5.57E-07	2.66E-08	6.44E-07	1.42E-07	1.94E-07	3.08E-07	5.42E-08	2.93E-07	1.66E-06
665	490236.7	3860085.1	2.41E-03	2.47E-03	2.33E-03	8.34E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.17E-07	5.82E-07	2.78E-08	6.73E-07	1.48E-07	2.03E-07	3.22E-07	5.67E-08	3.06E-07	1.74E-06

666	490286.7	3860085.1	2.52E-03	2.58E-03	2.44E-03	8.73E-07	2.64E-06	1.53E-06	1.56E-06	1.42E-06	6.47E-07	6.10E-07	2.92E-08	7.04E-07	1.55E-07	2.12E-07	3.37E-07	5.93E-08	3.20E-07	1.82E-06
667	490336.7	3860085.1	2.64E-03	2.71E-03	2.56E-03	9.16E-07	2.76E-06	1.60E-06	1.64E-06	1.49E-06	6.78E-07	6.39E-07	3.06E-08	7.38E-07	1.63E-07	2.23E-07	3.53E-07	6.22E-08	3.36E-07	1.91E-06
668	490386.7	3860085.1	2.78E-03	2.85E-03	2.69E-03	9.63E-07	2.91E-06	1.68E-06	1.72E-06	1.56E-06	7.13E-07	6.73E-07	3.22E-08	7.77E-07	1.71E-07	2.34E-07	3.71E-07	6.54E-08	3.53E-07	2.00E-06
669	490436.7	3860085.1	2.93E-03	3.01E-03	2.83E-03	1.02E-06	3.07E-06	1.78E-06	1.82E-06	1.65E-06	7.52E-07	7.09E-07	3.39E-08	8.19E-07	1.81E-07	2.47E-07	3.92E-07	6.90E-08	3.72E-07	2.11E-06
670	490486.7	3860085.1	3.10E-03	3.18E-03	3.00E-03	1.07E-06	3.24E-06	1.88E-06	1.92E-06	1.74E-06	7.96E-07	7.50E-07	3.59E-08	8.67E-07	1.91E-07	2.61E-07	4.14E-07	7.30E-08	3.94E-07	2.24E-06
671	490536.7	3860085.1	3.31E-03	3.39E-03	3.20E-03	1.15E-06	3.46E-06	2.00E-06	2.05E-06	1.86E-06	8.48E-07	8.00E-07	3.82E-08	9.24E-07	2.04E-07	2.78E-07	4.42E-07	7.78E-08	4.20E-07	2.38E-06
672	490586.7	3860085.1	3.55E-03	3.63E-03	3.42E-03	1.23E-06	3.71E-06	2.14E-06	2.20E-06	1.99E-06	9.09E-07	8.57E-07	4.10E-08	9.90E-07	2.18E-07	2.98E-07	4.73E-07	8.34E-08	4.50E-07	2.55E-06
673	490636.7	3860085.1	3.81E-03	3.91E-03	3.68E-03	1.32E-06	3.99E-06	2.31E-06	2.36E-06	2.14E-06	9.78E-07	9.22E-07	4.41E-08	1.06E-06	2.35E-07	3.21E-07	5.09E-07	8.97E-08	4.84E-07	2.75E-06
674	490686.7	3860085.1	4.14E-03	4.24E-03	4.00E-03	1.43E-06	4.33E-06	2.51E-06	2.57E-06	2.33E-06	1.06E-06	1.00E-06	4.79E-08	1.16E-06	2.55E-07	3.49E-07	5.53E-07	9.75E-08	5.26E-07	2.99E-06
675	490736.7	3860085.1	4.55E-03	4.66E-03	4.40E-03	1.58E-06	4.76E-06	2.75E-06	2.82E-06	2.56E-06	1.17E-06	1.10E-06	5.26E-08	1.27E-06	2.80E-07	3.83E-07	6.08E-07	1.07E-07	5.78E-07	3.28E-06
676	490786.7	3860085.1	5.05E-03	5.17E-03	4.88E-03	1.75E-06	5.28E-06	3.06E-06	3.13E-06	2.84E-06	1.29E-06	1.22E-06	5.84E-08	1.41E-06	3.11E-07	4.25E-07	6.74E-07	1.19E-07	6.41E-07	3.64E-06
677	490836.7	3860085.1	5.65E-03	5.78E-03	5.46E-03	1.96E-06	5.90E-06	3.42E-06	3.50E-06	3.17E-06	1.45E-06	1.37E-06	6.53E-08	1.58E-06	3.48E-07	4.75E-07	7.54E-07	1.33E-07	7.17E-07	4.07E-06
678	490086.7	3860135.1	1.93E-03	1.98E-03	1.87E-03	6.70E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.96E-07	4.68E-07	2.24E-08	5.40E-07	1.19E-07	1.63E-07	2.58E-07	4.55E-08	2.46E-07	1.39E-06
679	490136.7	3860135.1	2.01E-03	2.06E-03	1.94E-03	6.95E-07	2.10E-06	1.22E-06	1.24E-06	1.13E-06	5.15E-07	4.86E-07	2.32E-08	5.61E-07	1.24E-07	1.69E-07	2.68E-07	4.73E-08	2.55E-07	1.45E-06
680	490186.7	3860135.1	2.09E-03	2.14E-03	2.02E-03	7.24E-07	2.19E-06	1.27E-06	1.30E-06	1.17E-06	5.36E-07	5.06E-07	2.42E-08	5.84E-07	1.29E-07	1.76E-07	2.79E-07	4.92E-08	2.65E-07	1.51E-06
681	490236.7	3860135.1	2.18E-03	2.23E-03	2.10E-03	7.53E-07	2.27E-06	1.32E-06	1.35E-06	1.22E-06	5.58E-07	5.26E-07	2.51E-08	6.07E-07	1.34E-07	1.83E-07	2.90E-07	5.12E-08	2.76E-07	1.57E-06
682	490286.7	3860135.1	2.27E-03	2.32E-03	2.19E-03	7.85E-07	2.37E-06	1.37E-06	1.41E-06	1.27E-06	5.81E-07	5.48E-07	2.62E-08	6.33E-07	1.40E-07	1.91E-07	3.03E-07	5.34E-08	2.88E-07	1.63E-06
683	490336.7	3860135.1	2.37E-03	2.42E-03	2.29E-03	8.19E-07	2.47E-06	1.43E-06	1.47E-06	1.33E-06	6.07E-07	5.72E-07	2.74E-08	6.61E-07	1.46E-07	1.99E-07	3.16E-07	5.57E-08	3.00E-07	1.71E-06
684	490386.7	3860135.1	2.48E-03	2.53E-03	2.39E-03	8.57E-07	2.59E-06	1.50E-06	1.53E-06	1.39E-06	6.34E-07	5.98E-07	2.86E-08	6.91E-07	1.52E-07	2.08E-07	3.30E-07	5.82E-08	3.14E-07	1.78E-06
685	490436.7	3860135.1	2.59E-03	2.65E-03	2.50E-03	8.97E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.64E-07	6.27E-07	3.00E-08	7.24E-07	1.60E-07	2.18E-07	3.46E-07	6.10E-08	3.29E-07	1.87E-06
686	490486.7	3860135.1	2.72E-03	2.79E-03	2.63E-03	9.43E-07	2.85E-06	1.65E-06	1.69E-06	1.53E-06	6.98E-07	6.59E-07	3.15E-08	7.61E-07	1.68E-07	2.29E-07	3.64E-07	6.41E-08	3.46E-07	1.96E-06
687	490536.7	3860135.1	2.88E-03	2.95E-03	2.78E-03	9.97E-07	3.01E-06	1.74E-06	1.78E-06	1.62E-06	7.38E-07	6.96E-07	3.33E-08	8.04E-07	1.77E-07	2.42E-07	3.84E-07	6.77E-08	3.65E-07	2.07E-06
688	490586.7	3860135.1	3.05E-03	3.13E-03	2.95E-03	1.06E-06	3.19E-06	1.85E-06	1.89E-06	1.71E-06	7.82E-07	7.38E-07	3.53E-08	8.52E-07	1.88E-07	2.57E-07	4.07E-07	7.18E-08	3.87E-07	2.20E-06
689	490636.7	3860135.1	3.25E-03	3.33E-03	3.14E-03	1.12E-06	3.40E-06	1.97E-06	2.01E-06	1.83E-06	8.33E-07	7.86E-07	3.76E-08	9.07E-07	2.00E-07	2.73E-07	4.34E-07	7.65E-08	4.12E-07	2.34E-06
690	490686.7	3860135.1	3.48E-03	3.56E-03	3.36E-03	1.20E-06	3.64E-06	2.10E-06	2.16E-06	1.95E-06	8.92E-07	8.41E-07	4.02E-08	9.71E-07	2.14E-07	2.93E-07	4.64E-07	8.18E-08	4.41E-07	2.51E-06
691	490736.7	3860135.1	3.75E-03	3.84E-03	3.62E-03	1.30E-06	3.92E-06	2.27E-06	2.33E-06	2.11E-06	9.62E-07	9.07E-07	4.34E-08	1.05E-06	2.31E-07	3.16E-07	5.01E-07	8.83E-08	4.76E-07	2.70E-06
692	490786.7	3860135.1	4.09E-03	4.19E-03	3.95E-03	1.42E-06	4.28E-06	2.48E-06	2.54E-06	2.30E-06	1.05E-06	9.89E-07	4.73E-08	1.14E-06	2.52E-07	3.44E-07	5.46E-07	9.62E-08	5.19E-07	2.95E-06
693	490836.7	3860135.1	4.48E-03	4.59E-03	4.33E-03	1.55E-06	4.68E-06	2.71E-06	2.78E-06	2.52E-06	1.15E-06	1.08E-06	5.18E-08	1.25E-06	2.76E-07	3.77E-07	5.98E-07	1.05E-07	5.69E-07	3.23E-06
694	490086.7	3860185.1	1.78E-03	1.83E-03	1.72E-03	6.18E-07	1.86E-06	1.08E-06	1.11E-06	1.00E-06	4.57E-07	4.31E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.20E-08	2.26E-07	1.29E-06
695	490136.7	3860185.1	1.85E-03	1.89E-03	1.79E-03	6.40E-07	1.93E-06	1.12E-06	1.15E-06	1.04E-06	4.74E-07	4.47E-07	2.14E-08	5.16E-07	1.14E-07	1.56E-07	2.47E-07	4.35E-08	2.35E-07	1.33E-06
696	490186.7	3860185.1	1.92E-03	1.96E-03	1.85E-03	6.64E-07	2.00E-06	1.16E-06	1.19E-06	1.08E-06	4.91E-07	4.64E-07	2.22E-08	5.35E-07	1.18E-07	1.61E-07	2.56E-07	4.51E-08	2.43E-07	1.38E-06
697	490236.7	3860185.1	1.99E-03	2.04E-03	1.92E-03	6.88E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	5.10E-07	4.81E-07	2.30E-08	5.55E-07	1.22E-07	1.67E-07	2.65E-07	4.68E-08	2.52E-07	1.43E-06
698	490286.7	3860185.1	2.06E-03	2.11E-03	1.99E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.29E-07	4.99E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.76E-07	4.86E-08	2.62E-07	1.49E-06
699	490336.7	3860185.1	2.15E-03	2.20E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.19E-07	2.48E-08	5.99E-07	1.32E-07	1.81E-07	2.86E-07	5.05E-08	2.72E-07	1.55E-06
700	490386.7	3860185.1	2.23E-03	2.29E-03	2.16E-03	7.73E-07	2.34E-06	1.35E-06	1.38E-06	1.26E-06	5.73E-07	5.40E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.26E-08	2.84E-07	1.61E-06
701	490436.7	3860185.1	2.33E-03	2.39E-03	2.25E-03	8.07E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.98E-07	5.64E-07	2.70E-08	6.51E-07	1.44E-07	1.96E-07	3.11E-07	5.49E-08	2.96E-07	1.68E-06
702	490486.7	3860185.1	2.44E-03	2.50E-03	2.36E-03	8.44E-07	2.55E-06	1.48E-06	1.51E-06	1.37E-06	6.25E-07	5.90E-07	2.82E-08	6.81E-07	1.50E-07	2.05E-07	3.25E-07	5.74E-08	3.09E-07	1.76E-06
703	490536.7	3860185.1	2.56E-03	2.62E-03	2.47E-03	8.86E-07	2.67E-06	1.55E-06	1.59E-06	1.44E-06	6.56E-07	6.19E-07	2.96E-08	7.15E-07	1.58E-07	2.15E-07	3.42E-07	6.02E-08	3.25E-07	1.84E-06
704	490586.7	3860185.1	2.70E-03	2.76E-03	2.61E-03	9.33E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.91E-07	6.52E-07	3.12E-08	7.53E-07	1.66E-07	2.27E-07	3.60E-07	6.34E-08	3.42E-07	1.94E-06
705	490636.7	3860185.1	2.85E-03	2.92E-03	2.75E-03	9.86E-07	2.98E-06	1.72E-06	1.77E-06	1.60E-06	7.30E-07	6.89E-07	3.29E-08	7.95E-07	1.76E-07	2.40E-07	3.80E-07	6.70E-08	3.61E-07	2.05E-06
706	490686.7	3860185.1	3.02E-03	3.10E-03	2.92E-03	1.05E-06	3.16E-06	1.83E-06	1.87E-06	1.70E-06	7.75E-07	7.31E-07	3.50E-08	8.44E-07	1.86E-07	2.54E-07	4.04E-07	7.11E-08	3.84E-07	2.18E-06
707	490736.7	3860185.1	3.22E-03	3.30E-03	3.11E-03	1.12E-06	3.37E-06	1.95E-06	2.00E-06	1.81E-06	8.26E-07	7.79E-07	3.72E-08	9.00E-07	1.99E-07	2.71E-07	4.30E-07	7.58E-08	4.09E-07	2.32E-06
708	490786.7	3860185.1	3.46E-03	3.55E-03	3.35E-03	1.20E-06	3.62E-06	2.10E-06	2.15E-06	1.95E-06	8.88E-07	8.38E-07	4.00E-08	9.67E-07	2.13E-07	2.91E-07	4.62E-07	8.15E-08	4.40E-07	2.50E-06
709	490836.7	3860185.1	3.75E-03	3.84E-03	3.62E-03	1.30E-06	3.92E-06	2.27E-06	2.32E-06	2.11E-06	9.61E-07	9.07E-07	4.34E-08	1.05E-06	2.31E-07	3.16E-07	5.01E-07	8.82E-08	4.76E-07	2.70E-06
710	490086.7	3860235.1	1.66E-03	1.70E-03	1.60E-03	5.75E-07	1.74E-06	1.00E-06	1.03E-06	9.33E-07	4.26E-07	4.01E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.91E-08	2.11E-07	1.20E-06
711	490136.7	3860235.1	1.71E-03	1.76E-03	1.66E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.63E-07	4.40E-07	4.15E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	4.03E-08	2.18E-07	1.24E-06
712	490186.7	3860235.1	1.77E-03	1.82E-03	1.71E-03	6.14E-07	1.85E-06	1.07E-06	1.10E-06	9.96E-07	4.54E-07	4.29E-07	2.05E-08	4.95E-07	1.09E-07	1.49E-07	2.37E-07	4.17E-08	2.25E-07	1.28E-06
713	490236.7	3860235.1	1.83E-03	1.88E-03	1.77E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.70E-07	4.44E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.32E-08	2.33E-07	1.32E-06
714	490286.7	3860235.1	1.90E-03	1.95E-03	1.84E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.87E-07	4.59E-07	2.20E-08	5.30E-07	1.17E-07	1.60E-07	2.54E-07	4.47E-08	2.41E-07	1.37E-06
715	490336.7	3860235.1	1.97E-03	2.02E-03	1.90E-03	6.82E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	5.05E-07	4.76E-07	2.28E-08	5.50E-07	1.21E-07	1.66E-07	2.63E-07	4.63E-08	2.50E-07	1.42E-06
716	490386.7	3860235.1	2.04E-03	2.09E-03	1.97E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.24E-07	4.94E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.81E-08	2.59E-07	1.47E-06
717	490436.7	3860235.1	2.13E-03	2.18E-03	2.05E-03	7.36E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.45E-07	5.14E-07	2.46E-08	5.94E-07	1.31E-07	1.79E-07	2.84E-07	5.00E-08	2.70E-07	1.53E-06
718	490486.7	3860235.1	2.21E-03	2.27E-03	2.14E-03	7.66E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.67E-07	5.35E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.21E-08	2.81E-07	1.59E-06
719	490536.7	3860235.1	2.31E-03	2.37E-03	2.24E-03	8.01E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.93E-07	5.60E-07	2.68E-08	6.46E-07	1.43E-07	1.95E-07	3.09E-07	5.44E-08	2.94E-07	1.67E-06
720	490586.7	3860235.1	2.42E-03	2.48E-03	2.34E-03	8.39E-07	2.53E-06	1.47E-06	1.50E-06	1.36E-06	6.22E-07	5.86E-07	2.80E-08	6.77E-07	1.49E-07	2.04E-07	3.24E-07	5.70E-08	3.08E-07	1.75E-06
721	490636.7	3860235.1	2.55E-03	2.61E-03	2.46E-03	8.82E-07	2.66E-06	1.54E-06	1.58E-06	1.43E-06	6.53E-07	6.16E-07	2.95E-08	7.12E-07	1.57E-07	2.14E-07	3.40E-07	6.00E-08	3.23E-07	1.84E-06

722	490686.7	3860235.1	2.69E-03	2.75E-03	2.60E-03	9.31E-07	2.81E-06	1.63E-06	1.67E-06	1.51E-06	6.89E-07	6.50E-07	3.11E-08	7.51E-07	1.66E-07	2.26E-07	3.59E-07	6.33E-08	3.41E-07	1.94E-06
723	490736.7	3860235.1	2.85E-03	2.92E-03	2.75E-03	9.86E-07	2.98E-06	1.72E-06	1.76E-06	1.60E-06	7.30E-07	6.88E-07	3.29E-08	7.95E-07	1.75E-07	2.40E-07	3.80E-07	6.70E-08	3.61E-07	2.05E-06
724	490786.7	3860235.1	3.03E-03	3.10E-03	2.93E-03	1.05E-06	3.17E-06	1.83E-06	1.88E-06	1.70E-06	7.77E-07	7.33E-07	3.50E-08	8.46E-07	1.87E-07	2.55E-07	4.05E-07	7.13E-08	3.85E-07	2.18E-06
725	490086.7	3860285.1	1.56E-03	1.59E-03	1.50E-03	5.38E-07	1.63E-06	9.41E-07	9.64E-07	8.74E-07	3.99E-07	3.76E-07	1.80E-08	4.34E-07	9.58E-08	1.31E-07	2.08E-07	3.66E-08	1.97E-07	1.12E-06
726	490136.7	3860285.1	1.60E-03	1.64E-03	1.55E-03	5.55E-07	1.68E-06	9.70E-07	9.93E-07	9.00E-07	4.11E-07	3.88E-07	1.85E-08	4.48E-07	9.88E-08	1.35E-07	2.14E-07	3.77E-08	2.03E-07	1.15E-06
727	490186.7	3860285.1	1.65E-03	1.69E-03	1.60E-03	5.72E-07	1.73E-06	9.99E-07	1.02E-06	9.28E-07	4.23E-07	3.99E-07	1.91E-08	4.61E-07	1.02E-07	1.39E-07	2.20E-07	3.89E-08	2.10E-07	1.19E-06
728	490236.7	3860285.1	1.71E-03	1.75E-03	1.65E-03	5.91E-07	1.78E-06	1.03E-06	1.06E-06	9.58E-07	4.37E-07	4.13E-07	1.97E-08	4.76E-07	1.05E-07	1.44E-07	2.28E-07	4.01E-08	2.16E-07	1.23E-06
729	490286.7	3860285.1	1.76E-03	1.80E-03	1.70E-03	6.09E-07	1.84E-06	1.07E-06	1.09E-06	9.89E-07	4.51E-07	4.26E-07	2.04E-08	4.92E-07	1.08E-07	1.48E-07	2.35E-07	4.14E-08	2.23E-07	1.27E-06
730	490336.7	3860285.1	1.82E-03	1.87E-03	1.76E-03	6.30E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.67E-07	4.40E-07	2.11E-08	5.09E-07	1.12E-07	1.53E-07	2.43E-07	4.28E-08	2.31E-07	1.31E-06
731	490386.7	3860285.1	1.89E-03	1.93E-03	1.82E-03	6.53E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.84E-07	4.56E-07	2.18E-08	5.27E-07	1.16E-07	1.59E-07	2.52E-07	4.44E-08	2.40E-07	1.36E-06
732	490436.7	3860285.1	1.96E-03	2.00E-03	1.89E-03	6.77E-07	2.05E-06	1.18E-06	1.21E-06	1.10E-06	5.02E-07	4.73E-07	2.26E-08	5.46E-07	1.21E-07	1.65E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
733	490486.7	3860285.1	2.03E-03	2.08E-03	1.96E-03	7.04E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.21E-07	4.92E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.78E-08	2.58E-07	1.47E-06
734	490536.7	3860285.1	2.12E-03	2.17E-03	2.04E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.43E-07	5.12E-07	2.45E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.98E-08	2.69E-07	1.52E-06
735	490586.7	3860285.1	2.21E-03	2.26E-03	2.13E-03	7.64E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.66E-07	5.34E-07	2.55E-08	6.16E-07	1.36E-07	1.86E-07	2.95E-07	5.19E-08	2.80E-07	1.59E-06
736	490636.7	3860285.1	2.31E-03	2.37E-03	2.23E-03	8.00E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.92E-07	5.59E-07	2.67E-08	6.45E-07	1.42E-07	1.94E-07	3.08E-07	5.44E-08	2.93E-07	1.67E-06
737	490686.7	3860285.1	2.43E-03	2.49E-03	2.35E-03	8.41E-07	2.54E-06	1.47E-06	1.51E-06	1.36E-06	6.23E-07	5.87E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.71E-08	3.08E-07	1.75E-06
738	490736.7	3860285.1	2.56E-03	2.62E-03	2.47E-03	8.86E-07	2.67E-06	1.55E-06	1.59E-06	1.44E-06	6.56E-07	6.19E-07	2.96E-08	7.15E-07	1.58E-07	2.15E-07	3.42E-07	6.02E-08	3.25E-07	1.84E-06
739	490786.7	3860285.1	2.71E-03	2.78E-03	2.62E-03	9.38E-07	2.83E-06	1.64E-06	1.68E-06	1.52E-06	6.95E-07	6.55E-07	3.13E-08	7.57E-07	1.67E-07	2.28E-07	3.62E-07	6.37E-08	3.44E-07	1.95E-06
740	490086.7	3860335.1	1.47E-03	1.50E-03	1.42E-03	5.08E-07	1.53E-06	8.88E-07	9.09E-07	8.24E-07	3.76E-07	3.55E-07	1.70E-08	4.10E-07	9.04E-08	1.23E-07	1.96E-07	3.45E-08	1.86E-07	1.06E-06
741	490136.7	3860335.1	1.51E-03	1.54E-03	1.46E-03	5.22E-07	1.58E-06	9.13E-07	9.35E-07	8.47E-07	3.87E-07	3.65E-07	1.74E-08	4.21E-07	9.29E-08	1.27E-07	2.01E-07	3.55E-08	1.91E-07	1.09E-06
742	490186.7	3860335.1	1.55E-03	1.59E-03	1.50E-03	5.37E-07	1.62E-06	9.39E-07	9.61E-07	8.71E-07	3.98E-07	3.75E-07	1.79E-08	4.33E-07	9.56E-08	1.31E-07	2.07E-07	3.65E-08	1.97E-07	1.12E-06
743	490236.7	3860335.1	1.60E-03	1.64E-03	1.54E-03	5.53E-07	1.67E-06	9.66E-07	9.90E-07	8.97E-07	4.09E-07	3.86E-07	1.85E-08	4.46E-07	9.84E-08	1.34E-07	2.13E-07	3.76E-08	2.03E-07	1.15E-06
744	490286.7	3860335.1	1.65E-03	1.69E-03	1.59E-03	5.70E-07	1.72E-06	9.96E-07	1.02E-06	9.24E-07	4.22E-07	3.98E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.20E-07	3.87E-08	2.09E-07	1.19E-06
745	490336.7	3860335.1	1.70E-03	1.74E-03	1.64E-03	5.88E-07	1.78E-06	1.03E-06	1.05E-06	9.54E-07	4.35E-07	4.11E-07	1.96E-08	4.74E-07	1.05E-07	1.43E-07	2.27E-07	4.00E-08	2.16E-07	1.22E-06
746	490386.7	3860335.1	1.75E-03	1.80E-03	1.70E-03	6.07E-07	1.83E-06	1.06E-06	1.09E-06	9.86E-07	4.50E-07	4.24E-07	2.03E-08	4.90E-07	1.08E-07	1.48E-07	2.34E-07	4.13E-08	2.23E-07	1.26E-06
747	490436.7	3860335.1	1.82E-03	1.86E-03	1.75E-03	6.28E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.65E-07	4.39E-07	2.10E-08	5.07E-07	1.12E-07	1.53E-07	2.42E-07	4.27E-08	2.30E-07	1.31E-06
748	490486.7	3860335.1	1.88E-03	1.93E-03	1.82E-03	6.51E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.82E-07	4.55E-07	2.18E-08	5.25E-07	1.16E-07	1.58E-07	2.51E-07	4.43E-08	2.39E-07	1.36E-06
749	490536.7	3860335.1	1.95E-03	2.00E-03	1.89E-03	6.76E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.01E-07	4.72E-07	2.26E-08	5.46E-07	1.20E-07	1.64E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
750	490586.7	3860335.1	2.03E-03	2.08E-03	1.96E-03	7.04E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.21E-07	4.92E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.78E-08	2.58E-07	1.47E-06
751	490636.7	3860335.1	2.12E-03	2.17E-03	2.05E-03	7.34E-07	2.22E-06	1.28E-06	1.31E-06	1.19E-06	5.44E-07	5.13E-07	2.45E-08	5.92E-07	1.31E-07	1.78E-07	2.83E-07	4.99E-08	2.69E-07	1.53E-06
752	490686.7	3860335.1	2.22E-03	2.27E-03	2.14E-03	7.68E-07	2.32E-06	1.34E-06	1.38E-06	1.25E-06	5.69E-07	5.37E-07	2.57E-08	6.20E-07	1.37E-07	1.87E-07	2.96E-07	5.22E-08	2.82E-07	1.60E-06
753	490736.7	3860335.1	2.33E-03	2.39E-03	2.25E-03	8.07E-07	2.44E-06	1.41E-06	1.44E-06	1.31E-06	5.97E-07	5.63E-07	2.69E-08	6.51E-07	1.44E-07	1.96E-07	3.11E-07	5.48E-08	2.96E-07	1.68E-06
754	490786.7	3860335.1	2.46E-03	2.52E-03	2.37E-03	8.51E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.30E-07	5.94E-07	2.84E-08	6.86E-07	1.51E-07	2.07E-07	3.28E-07	5.78E-08	3.12E-07	1.77E-06
755	490086.7	3860385.1	1.39E-03	1.43E-03	1.35E-03	4.82E-07	1.46E-06	8.43E-07	8.63E-07	7.83E-07	3.57E-07	3.37E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.28E-08	1.77E-07	1.00E-06
756	490136.7	3860385.1	1.43E-03	1.46E-03	1.38E-03	4.95E-07	1.49E-06	8.64E-07	8.85E-07	8.03E-07	3.66E-07	3.45E-07	1.65E-08	3.99E-07	8.80E-08	1.20E-07	1.91E-07	3.36E-08	1.81E-07	1.03E-06
757	490186.7	3860385.1	1.47E-03	1.50E-03	1.42E-03	5.07E-07	1.53E-06	8.87E-07	9.08E-07	8.23E-07	3.76E-07	3.54E-07	1.69E-08	4.09E-07	9.03E-08	1.23E-07	1.96E-07	3.45E-08	1.86E-07	1.06E-06
758	490236.7	3860385.1	1.51E-03	1.54E-03	1.45E-03	5.21E-07	1.57E-06	9.11E-07	9.33E-07	8.46E-07	3.86E-07	3.64E-07	1.74E-08	4.20E-07	9.28E-08	1.27E-07	2.01E-07	3.54E-08	1.91E-07	1.08E-06
759	490286.7	3860385.1	1.55E-03	1.59E-03	1.50E-03	5.36E-07	1.62E-06	9.37E-07	9.59E-07	8.70E-07	3.97E-07	3.74E-07	1.79E-08	4.32E-07	9.54E-08	1.30E-07	2.07E-07	3.64E-08	1.96E-07	1.12E-06
760	490336.7	3860385.1	1.59E-03	1.63E-03	1.54E-03	5.52E-07	1.67E-06	9.64E-07	9.88E-07	8.95E-07	4.09E-07	3.85E-07	1.84E-08	4.45E-07	9.82E-08	1.34E-07	2.13E-07	3.75E-08	2.02E-07	1.15E-06
761	490386.7	3860385.1	1.64E-03	1.68E-03	1.59E-03	5.69E-07	1.72E-06	9.94E-07	1.02E-06	9.23E-07	4.21E-07	3.97E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.19E-07	3.86E-08	2.08E-07	1.18E-06
762	490436.7	3860385.1	1.70E-03	1.74E-03	1.64E-03	5.88E-07	1.77E-06	1.03E-06	1.05E-06	9.53E-07	4.35E-07	4.10E-07	1.96E-08	4.74E-07	1.05E-07	1.43E-07	2.27E-07	3.99E-08	2.15E-07	1.22E-06
763	490486.7	3860385.1	1.75E-03	1.80E-03	1.70E-03	6.07E-07	1.83E-06	1.06E-06	1.09E-06	9.86E-07	4.50E-07	4.24E-07	2.03E-08	4.90E-07	1.08E-07	1.48E-07	2.34E-07	4.13E-08	2.23E-07	1.26E-06
764	490536.7	3860385.1	1.82E-03	1.86E-03	1.76E-03	6.29E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.66E-07	4.40E-07	2.10E-08	5.08E-07	1.12E-07	1.53E-07	2.43E-07	4.28E-08	2.31E-07	1.31E-06
765	490586.7	3860385.1	1.89E-03	1.93E-03	1.82E-03	6.53E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.84E-07	4.56E-07	2.18E-08	5.27E-07	1.16E-07	1.59E-07	2.52E-07	4.44E-08	2.40E-07	1.36E-06
766	490636.7	3860385.1	1.96E-03	2.01E-03	1.90E-03	6.79E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	5.03E-07	4.75E-07	2.27E-08	5.48E-07	1.21E-07	1.65E-07	2.62E-07	4.62E-08	2.49E-07	1.41E-06
767	490686.7	3860385.1	2.05E-03	2.10E-03	1.98E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.25E-07	4.95E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.82E-08	2.60E-07	1.48E-06
768	490736.7	3860385.1	2.14E-03	2.19E-03	2.07E-03	7.41E-07	2.24E-06	1.30E-06	1.33E-06	1.20E-06	5.49E-07	5.18E-07	2.48E-08	5.98E-07	1.32E-07	1.80E-07	2.86E-07	5.04E-08	2.72E-07	1.54E-06
769	490786.7	3860385.1	2.25E-03	2.30E-03	2.17E-03	7.78E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.76E-07	5.43E-07	2.60E-08	6.28E-07	1.38E-07	1.89E-07	3.00E-07	5.29E-08	2.85E-07	1.62E-06
770	490136.7	3860435.1	1.36E-03	1.39E-03	1.31E-03	4.71E-07	1.42E-06	8.23E-07	8.43E-07	7.64E-07	3.49E-07	3.29E-07	1.57E-08	3.80E-07	8.38E-08	1.14E-07	1.82E-07	3.20E-08	1.73E-07	9.80E-07
771	490186.7	3860435.1	1.39E-03	1.43E-03	1.35E-03	4.83E-07	1.46E-06	8.44E-07	8.64E-07	7.84E-07	3.58E-07	3.37E-07	1.61E-08	3.89E-07	8.59E-08	1.17E-07	1.86E-07	3.28E-08	1.77E-07	1.00E-06
772	490236.7	3860435.1	1.43E-03	1.46E-03	1.38E-03	4.95E-07	1.49E-06	8.64E-07	8.85E-07	8.03E-07	3.66E-07	3.45E-07	1.65E-08	3.99E-07	8.80E-08	1.20E-07	1.91E-07	3.36E-08	1.81E-07	1.03E-06
773	490286.7	3860435.1	1.47E-03	1.50E-03	1.42E-03	5.07E-07	1.53E-06	8.87E-07	9.08E-07	8.23E-07	3.76E-07	3.54E-07	1.69E-08	4.09E-07	9.03E-08	1.23E-07	1.96E-07	3.45E-08	1.86E-07	1.06E-06
774	490336.7	3860435.1	1.51E-03	1.54E-03	1.45E-03	5.21E-07	1.57E-06	9.11E-07	9.33E-07	8.46E-07	3.86E-07	3.64E-07	1.74E-08	4.20E-07	9.28E-08	1.27E-07	2.01E-07	3.54E-08	1.91E-07	1.08E-06
775	490386.7	3860435.1	1.55E-03	1.59E-03	1.50E-03	5.36E-07	1.62E-06	9.38E-07	9.60E-07	8.71E-07	3.97E-07	3.75E-07	1.79E-08	4.33E-07	9.55E-08	1.30E-07	2.07E-07	3.65E-08	1.97E-07	1.12E-06
776	490436.7	3860435.1	1.60E-03	1.63E-03	1.54E-03	5.52E-07	1.67E-06	9.65E-07	9.89E-07	8.96E-07	4.09E-07	3.86E-07	1.84E-08	4.45E-07	9.83E-08	1.34E-07	2.13E-07	3.75E-08	2.02E-07	1.15E-06
777	490486.7	3860435.1	1.65E-03	1.69E-03	1.59E-03	5.70E-07	1.72E-06	9.97E-07	1.02E-06	9.25E-07	4.22E-07	3.98E-07	1.90E-08	4.60E-07	1.01E-07	1.39E-07	2.20E-07	3.87E-08	2.09E-07	1.19E-06

778	490536.7	3860435.1	1.70E-03	1.74E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.56E-07	4.36E-07	4.11E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	4.00E-08	2.16E-07	1.23E-06
779	490586.7	3860435.1	1.76E-03	1.80E-03	1.70E-03	6.10E-07	1.84E-06	1.07E-06	1.09E-06	9.90E-07	4.52E-07	4.26E-07	2.04E-08	4.92E-07	1.09E-07	1.48E-07	2.35E-07	4.15E-08	2.24E-07	1.27E-06
780	490636.7	3860435.1	1.83E-03	1.87E-03	1.77E-03	6.33E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.69E-07	4.42E-07	2.11E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.30E-08	2.32E-07	1.32E-06
781	490686.7	3860435.1	1.90E-03	1.95E-03	1.84E-03	6.59E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.88E-07	4.60E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.48E-08	2.41E-07	1.37E-06
782	490736.7	3860435.1	1.98E-03	2.03E-03	1.92E-03	6.87E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	5.08E-07	4.80E-07	2.29E-08	5.54E-07	1.22E-07	1.67E-07	2.65E-07	4.67E-08	2.52E-07	1.43E-06
783	490786.7	3860435.1	2.08E-03	2.13E-03	2.00E-03	7.18E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.32E-07	5.02E-07	2.40E-08	5.79E-07	1.28E-07	1.75E-07	2.77E-07	4.88E-08	2.63E-07	1.49E-06
784	490136.7	3860485.1	1.31E-03	1.34E-03	1.26E-03	4.52E-07	1.37E-06	7.90E-07	8.09E-07	7.34E-07	3.35E-07	3.16E-07	1.51E-08	3.65E-07	8.05E-08	1.10E-07	1.74E-07	3.07E-08	1.66E-07	9.41E-07
785	490186.7	3860485.1	1.33E-03	1.37E-03	1.29E-03	4.62E-07	1.39E-06	8.07E-07	8.27E-07	7.50E-07	3.42E-07	3.23E-07	1.54E-08	3.73E-07	8.22E-08	1.12E-07	1.78E-07	3.14E-08	1.69E-07	9.61E-07
786	490236.7	3860485.1	1.37E-03	1.40E-03	1.32E-03	4.73E-07	1.43E-06	8.26E-07	8.46E-07	7.67E-07	3.50E-07	3.30E-07	1.58E-08	3.81E-07	8.41E-08	1.15E-07	1.82E-07	3.21E-08	1.73E-07	9.84E-07
787	490286.7	3860485.1	1.40E-03	1.43E-03	1.35E-03	4.84E-07	1.46E-06	8.46E-07	8.66E-07	7.85E-07	3.58E-07	3.38E-07	1.62E-08	3.90E-07	8.61E-08	1.18E-07	1.87E-07	3.29E-08	1.77E-07	1.01E-06
788	490336.7	3860485.1	1.43E-03	1.47E-03	1.38E-03	4.96E-07	1.50E-06	8.67E-07	8.88E-07	8.05E-07	3.67E-07	3.47E-07	1.66E-08	4.00E-07	8.83E-08	1.21E-07	1.91E-07	3.37E-08	1.82E-07	1.03E-06
789	490386.7	3860485.1	1.47E-03	1.51E-03	1.42E-03	5.09E-07	1.54E-06	8.90E-07	9.12E-07	8.27E-07	3.77E-07	3.56E-07	1.70E-08	4.11E-07	9.07E-08	1.24E-07	1.96E-07	3.46E-08	1.87E-07	1.06E-06
790	490436.7	3860485.1	1.51E-03	1.55E-03	1.46E-03	5.24E-07	1.58E-06	9.15E-07	9.38E-07	8.50E-07	3.88E-07	3.66E-07	1.75E-08	4.22E-07	9.32E-08	1.27E-07	2.02E-07	3.56E-08	1.92E-07	1.09E-06
791	490486.7	3860485.1	1.56E-03	1.59E-03	1.50E-03	5.39E-07	1.63E-06	9.42E-07	9.65E-07	8.75E-07	3.99E-07	3.76E-07	1.80E-08	4.35E-07	9.59E-08	1.31E-07	2.08E-07	3.66E-08	1.98E-07	1.12E-06
792	490536.7	3860485.1	1.60E-03	1.64E-03	1.55E-03	5.55E-07	1.68E-06	9.71E-07	9.94E-07	9.01E-07	4.11E-07	3.88E-07	1.85E-08	4.48E-07	9.88E-08	1.35E-07	2.14E-07	3.77E-08	2.04E-07	1.16E-06
793	490586.7	3860485.1	1.66E-03	1.70E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.30E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.90E-08	2.10E-07	1.19E-06
794	490636.7	3860485.1	1.71E-03	1.76E-03	1.66E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.63E-07	4.40E-07	4.15E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	4.03E-08	2.18E-07	1.24E-06
795	490686.7	3860485.1	1.78E-03	1.82E-03	1.72E-03	6.15E-07	1.86E-06	1.08E-06	1.10E-06	9.98E-07	4.55E-07	4.30E-07	2.05E-08	4.96E-07	1.09E-07	1.50E-07	2.37E-07	4.18E-08	2.25E-07	1.28E-06
796	490736.7	3860485.1	1.85E-03	1.89E-03	1.79E-03	6.40E-07	1.93E-06	1.12E-06	1.15E-06	1.04E-06	4.74E-07	4.47E-07	2.14E-08	5.16E-07	1.14E-07	1.56E-07	2.47E-07	4.35E-08	2.35E-07	1.33E-06
797	490786.7	3860485.1	1.93E-03	1.97E-03	1.86E-03	6.67E-07	2.01E-06	1.17E-06	1.19E-06	1.08E-06	4.94E-07	4.66E-07	2.23E-08	5.38E-07	1.19E-07	1.62E-07	2.57E-07	4.53E-08	2.45E-07	1.39E-06
798	490136.7	3860535.1	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.79E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.06E-07
799	490186.7	3860535.1	1.28E-03	1.32E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.96E-07	7.21E-07	3.29E-07	3.10E-07	1.48E-08	3.59E-07	7.91E-08	1.08E-07	1.71E-07	3.02E-08	1.63E-07	9.25E-07
800	490236.7	3860535.1	1.31E-03	1.34E-03	1.27E-03	4.54E-07	1.37E-06	7.94E-07	8.13E-07	7.37E-07	3.36E-07	3.17E-07	1.52E-08	3.66E-07	8.08E-08	1.10E-07	1.75E-07	3.09E-08	1.66E-07	9.45E-07
801	490286.7	3860535.1	1.34E-03	1.37E-03	1.29E-03	4.64E-07	1.40E-06	8.11E-07	8.30E-07	7.53E-07	3.44E-07	3.24E-07	1.55E-08	3.74E-07	8.26E-08	1.13E-07	1.79E-07	3.15E-08	1.70E-07	9.65E-07
802	490336.7	3860535.1	1.37E-03	1.41E-03	1.33E-03	4.75E-07	1.43E-06	8.30E-07	8.51E-07	7.71E-07	3.52E-07	3.32E-07	1.59E-08	3.83E-07	8.46E-08	1.15E-07	1.83E-07	3.23E-08	1.74E-07	9.89E-07
803	490386.7	3860535.1	1.41E-03	1.44E-03	1.36E-03	4.87E-07	1.47E-06	8.51E-07	8.72E-07	7.90E-07	3.61E-07	3.40E-07	1.63E-08	3.93E-07	8.67E-08	1.18E-07	1.88E-07	3.31E-08	1.78E-07	1.01E-06
804	490436.7	3860535.1	1.44E-03	1.48E-03	1.39E-03	4.99E-07	1.51E-06	8.72E-07	8.94E-07	8.10E-07	3.70E-07	3.49E-07	1.67E-08	4.03E-07	8.88E-08	1.21E-07	1.92E-07	3.39E-08	1.83E-07	1.04E-06
805	490486.7	3860535.1	1.48E-03	1.52E-03	1.43E-03	5.13E-07	1.55E-06	8.97E-07	9.18E-07	8.32E-07	3.80E-07	3.58E-07	1.71E-08	4.14E-07	9.13E-08	1.25E-07	1.98E-07	3.49E-08	1.88E-07	1.07E-06
806	490536.7	3860535.1	1.52E-03	1.56E-03	1.47E-03	5.28E-07	1.59E-06	9.22E-07	9.45E-07	8.56E-07	3.91E-07	3.69E-07	1.76E-08	4.26E-07	9.39E-08	1.28E-07	2.03E-07	3.59E-08	1.93E-07	1.10E-06
807	490586.7	3860535.1	1.57E-03	1.61E-03	1.52E-03	5.43E-07	1.64E-06	9.49E-07	9.72E-07	8.81E-07	4.02E-07	3.79E-07	1.81E-08	4.38E-07	9.67E-08	1.32E-07	2.09E-07	3.69E-08	1.99E-07	1.13E-06
808	490636.7	3860535.1	1.62E-03	1.66E-03	1.56E-03	5.60E-07	1.69E-06	9.80E-07	1.00E-06	9.10E-07	4.15E-07	3.91E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.81E-08	2.05E-07	1.17E-06
809	490686.7	3860535.1	1.67E-03	1.71E-03	1.62E-03	5.79E-07	1.75E-06	1.01E-06	1.04E-06	9.40E-07	4.29E-07	4.05E-07	1.93E-08	4.67E-07	1.03E-07	1.41E-07	2.23E-07	3.94E-08	2.12E-07	1.21E-06
810	490736.7	3860535.1	1.73E-03	1.78E-03	1.68E-03	6.00E-07	1.81E-06	1.05E-06	1.07E-06	9.74E-07	4.45E-07	4.19E-07	2.00E-08	4.84E-07	1.07E-07	1.46E-07	2.31E-07	4.08E-08	2.20E-07	1.25E-06
811	490786.7	3860535.1	1.80E-03	1.85E-03	1.74E-03	6.24E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.62E-07	4.36E-07	2.08E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.24E-08	2.29E-07	1.30E-06
812	490136.7	3860585.1	1.21E-03	1.24E-03	1.17E-03	4.20E-07	1.27E-06	7.34E-07	7.52E-07	6.82E-07	3.11E-07	2.93E-07	1.40E-08	3.39E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.74E-07
813	490186.7	3860585.1	1.24E-03	1.27E-03	1.19E-03	4.28E-07	1.29E-06	7.47E-07	7.66E-07	6.94E-07	3.17E-07	2.99E-07	1.43E-08	3.45E-07	7.61E-08	1.04E-07	1.65E-07	2.91E-08	1.57E-07	8.90E-07
814	490236.7	3860585.1	1.26E-03	1.29E-03	1.22E-03	4.37E-07	1.32E-06	7.64E-07	7.82E-07	7.09E-07	3.23E-07	3.05E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.97E-08	1.60E-07	9.09E-07
815	490286.7	3860585.1	1.29E-03	1.32E-03	1.25E-03	4.47E-07	1.35E-06	7.80E-07	7.99E-07	7.25E-07	3.31E-07	3.12E-07	1.49E-08	3.60E-07	7.95E-08	1.09E-07	1.72E-07	3.03E-08	1.64E-07	9.29E-07
816	490336.7	3860585.1	1.32E-03	1.35E-03	1.27E-03	4.57E-07	1.38E-06	7.98E-07	8.18E-07	7.41E-07	3.38E-07	3.19E-07	1.53E-08	3.68E-07	8.13E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.51E-07
817	490386.7	3860585.1	1.35E-03	1.38E-03	1.30E-03	4.67E-07	1.41E-06	8.16E-07	8.36E-07	7.58E-07	3.46E-07	3.26E-07	1.56E-08	3.77E-07	8.31E-08	1.14E-07	1.80E-07	3.17E-08	1.71E-07	9.72E-07
818	490436.7	3860585.1	1.38E-03	1.42E-03	1.34E-03	4.79E-07	1.45E-06	8.37E-07	8.57E-07	7.77E-07	3.54E-07	3.34E-07	1.60E-08	3.86E-07	8.52E-08	1.16E-07	1.85E-07	3.25E-08	1.75E-07	9.96E-07
819	490486.7	3860585.1	1.42E-03	1.45E-03	1.37E-03	4.91E-07	1.48E-06	8.58E-07	8.79E-07	7.97E-07	3.64E-07	3.43E-07	1.64E-08	3.96E-07	8.74E-08	1.19E-07	1.89E-07	3.34E-08	1.80E-07	1.02E-06
820	490536.7	3860585.1	1.46E-03	1.49E-03	1.41E-03	5.04E-07	1.52E-06	8.81E-07	9.03E-07	8.18E-07	3.73E-07	3.52E-07	1.68E-08	4.07E-07	8.98E-08	1.23E-07	1.94E-07	3.43E-08	1.85E-07	1.05E-06
821	490586.7	3860585.1	1.50E-03	1.53E-03	1.44E-03	5.18E-07	1.56E-06	9.05E-07	9.27E-07	8.40E-07	3.83E-07	3.61E-07	1.73E-08	4.17E-07	9.21E-08	1.26E-07	2.00E-07	3.52E-08	1.90E-07	1.08E-06
822	490636.7	3860585.1	1.54E-03	1.58E-03	1.49E-03	5.33E-07	1.61E-06	9.31E-07	9.54E-07	8.65E-07	3.95E-07	3.72E-07	1.78E-08	4.30E-07	9.48E-08	1.30E-07	2.05E-07	3.62E-08	1.95E-07	1.11E-06
823	490686.7	3860585.1	1.59E-03	1.62E-03	1.53E-03	5.49E-07	1.66E-06	9.60E-07	9.83E-07	8.91E-07	4.07E-07	3.84E-07	1.83E-08	4.43E-07	9.78E-08	1.33E-07	2.12E-07	3.73E-08	2.01E-07	1.14E-06
824	490736.7	3860585.1	1.64E-03	1.68E-03	1.58E-03	5.68E-07	1.71E-06	9.92E-07	1.02E-06	9.21E-07	4.20E-07	3.96E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.86E-08	2.08E-07	1.18E-06
825	490786.7	3860585.1	1.70E-03	1.74E-03	1.64E-03	5.88E-07	1.78E-06	1.03E-06	1.05E-06	9.54E-07	4.35E-07	4.11E-07	1.96E-08	4.74E-07	1.05E-07	1.43E-07	2.27E-07	4.00E-08	2.16E-07	1.22E-06
826	490136.7	3860635.1	1.17E-03	1.20E-03	1.13E-03	4.04E-07	1.22E-06	7.06E-07	7.23E-07	6.56E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.19E-08	9.82E-08	1.56E-07	2.75E-08	1.48E-07	8.41E-07
827	490186.7	3860635.1	1.19E-03	1.22E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.70E-07	3.06E-07	2.88E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.81E-08	1.51E-07	8.59E-07
828	490236.7	3860635.1	1.22E-03	1.25E-03	1.18E-03	4.21E-07	1.27E-06	7.37E-07	7.55E-07	6.84E-07	3.12E-07	2.94E-07	1.41E-08	3.40E-07	7.50E-08	1.02E-07	1.63E-07	2.86E-08	1.55E-07	8.77E-07
829	490286.7	3860635.1	1.24E-03	1.27E-03	1.20E-03	4.30E-07	1.30E-06	7.52E-07	7.70E-07	6.98E-07	3.19E-07	3.00E-07	1.44E-08	3.47E-07	7.66E-08	1.05E-07	1.66E-07	2.92E-08	1.58E-07	8.95E-07
830	490336.7	3860635.1	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.69E-07	7.88E-07	7.14E-07	3.26E-07	3.07E-07	1.47E-08	3.55E-07	7.83E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.15E-07
831	490386.7	3860635.1	1.30E-03	1.33E-03	1.25E-03	4.50E-07	1.36E-06	7.86E-07	8.05E-07	7.30E-07	3.33E-07	3.14E-07	1.50E-08	3.63E-07	8.00E-08	1.09E-07	1.73E-07	3.06E-08	1.65E-07	9.36E-07
832	490436.7	3860635.1	1.33E-03	1.36E-03	1.28E-03	4.60E-07	1.39E-06	8.05E-07	8.24E-07	7.47E-07	3.41E-07	3.22E-07	1.54E-08	3.71E-07	8.19E-08	1.12E-07	1.77E-07	3.13E-08	1.69E-07	9.58E-07
833	490486.7	3860635.1	1.36E-03	1.40E-03	1.32E-03	4.72E-07	1.42E-06	8.24E-07	8.44E-07	7.65E-07	3.49E-07	3.29E-07	1.57E-08	3.80E-07	8.39E-08	1.15E-07	1.82E-07	3.20E-08	1.73E-07	9.81E-07

834	490536.7	3860635.1	1.40E-03	1.43E-03	1.35E-03	4.84E-07	1.46E-06	8.46E-07	8.66E-07	7.85E-07	3.58E-07	3.38E-07	1.62E-08	3.90E-07	8.61E-08	1.18E-07	1.87E-07	3.29E-08	1.77E-07	1.01E-06
835	490586.7	3860635.1	1.43E-03	1.47E-03	1.38E-03	4.96E-07	1.50E-06	8.67E-07	8.88E-07	8.05E-07	3.67E-07	3.47E-07	1.66E-08	4.00E-07	8.83E-08	1.21E-07	1.91E-07	3.37E-08	1.82E-07	1.03E-06
836	490636.7	3860635.1	1.47E-03	1.51E-03	1.42E-03	5.09E-07	1.54E-06	8.90E-07	9.12E-07	8.27E-07	3.77E-07	3.56E-07	1.70E-08	4.11E-07	9.07E-08	1.24E-07	1.96E-07	3.46E-08	1.87E-07	1.06E-06
837	490686.7	3860635.1	1.51E-03	1.55E-03	1.46E-03	5.24E-07	1.58E-06	9.16E-07	9.38E-07	8.51E-07	3.88E-07	3.66E-07	1.75E-08	4.23E-07	9.33E-08	1.27E-07	2.02E-07	3.56E-08	1.92E-07	1.09E-06
838	490736.7	3860635.1	1.56E-03	1.60E-03	1.51E-03	5.40E-07	1.63E-06	9.44E-07	9.67E-07	8.76E-07	4.00E-07	3.77E-07	1.80E-08	4.36E-07	9.61E-08	1.31E-07	2.08E-07	3.67E-08	1.98E-07	1.12E-06
839	490786.7	3860635.1	1.61E-03	1.65E-03	1.56E-03	5.58E-07	1.68E-06	9.75E-07	9.99E-07	9.05E-07	4.13E-07	3.90E-07	1.86E-08	4.50E-07	9.93E-08	1.36E-07	2.15E-07	3.79E-08	2.05E-07	1.16E-06
840	490136.7	3860685.1	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.18E-06	6.80E-07	6.97E-07	6.32E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.93E-08	9.46E-08	1.50E-07	2.65E-08	1.43E-07	8.10E-07
841	490186.7	3860685.1	1.15E-03	1.17E-03	1.11E-03	3.97E-07	1.20E-06	6.94E-07	7.11E-07	6.44E-07	2.94E-07	2.77E-07	1.33E-08	3.20E-07	7.07E-08	9.65E-08	1.53E-07	2.70E-08	1.46E-07	8.26E-07
842	490236.7	3860685.1	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.22E-06	7.09E-07	7.26E-07	6.58E-07	3.00E-07	2.83E-07	1.35E-08	3.27E-07	7.22E-08	9.86E-08	1.56E-07	2.76E-08	1.49E-07	8.44E-07
843	490286.7	3860685.1	1.20E-03	1.22E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.41E-07	6.72E-07	3.06E-07	2.89E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.81E-08	1.52E-07	8.61E-07
844	490336.7	3860685.1	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.57E-07	6.87E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.53E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.80E-07
845	490386.7	3860685.1	1.25E-03	1.28E-03	1.21E-03	4.33E-07	1.31E-06	7.56E-07	7.75E-07	7.02E-07	3.20E-07	3.02E-07	1.45E-08	3.49E-07	7.70E-08	1.05E-07	1.67E-07	2.94E-08	1.59E-07	9.01E-07
846	490436.7	3860685.1	1.28E-03	1.31E-03	1.23E-03	4.42E-07	1.34E-06	7.73E-07	7.92E-07	7.18E-07	3.28E-07	3.09E-07	1.48E-08	3.57E-07	7.87E-08	1.08E-07	1.71E-07	3.01E-08	1.62E-07	9.21E-07
847	490486.7	3860685.1	1.31E-03	1.34E-03	1.26E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.36E-07	3.17E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.43E-07
848	490536.7	3860685.1	1.34E-03	1.37E-03	1.30E-03	4.64E-07	1.40E-06	8.12E-07	8.31E-07	7.54E-07	3.44E-07	3.24E-07	1.55E-08	3.75E-07	8.27E-08	1.13E-07	1.79E-07	3.16E-08	1.70E-07	9.67E-07
849	490586.7	3860685.1	1.38E-03	1.41E-03	1.33E-03	4.76E-07	1.44E-06	8.32E-07	8.52E-07	7.73E-07	3.53E-07	3.33E-07	1.59E-08	3.84E-07	8.47E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.91E-07
850	490636.7	3860685.1	1.41E-03	1.45E-03	1.36E-03	4.89E-07	1.48E-06	8.55E-07	8.75E-07	7.93E-07	3.62E-07	3.42E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.89E-07	3.32E-08	1.79E-07	1.02E-06
851	490686.7	3860685.1	1.45E-03	1.49E-03	1.40E-03	5.03E-07	1.52E-06	8.79E-07	9.00E-07	8.16E-07	3.72E-07	3.51E-07	1.68E-08	4.05E-07	8.95E-08	1.22E-07	1.94E-07	3.42E-08	1.84E-07	1.05E-06
852	490736.7	3860685.1	1.49E-03	1.53E-03	1.44E-03	5.17E-07	1.56E-06	9.04E-07	9.26E-07	8.39E-07	3.83E-07	3.61E-07	1.73E-08	4.17E-07	9.20E-08	1.26E-07	1.99E-07	3.51E-08	1.90E-07	1.08E-06
853	490786.7	3860685.1	1.54E-03	1.58E-03	1.49E-03	5.33E-07	1.61E-06	9.31E-07	9.54E-07	8.65E-07	3.95E-07	3.72E-07	1.78E-08	4.30E-07	9.48E-08	1.30E-07	2.05E-07	3.62E-08	1.95E-07	1.11E-06
854	490136.7	3860735.1	1.08E-03	1.11E-03	1.04E-03	3.74E-07	1.13E-06	6.54E-07	6.70E-07	6.07E-07	2.77E-07	2.61E-07	1.25E-08	3.02E-07	6.66E-08	9.09E-08	1.44E-07	2.54E-08	1.37E-07	7.78E-07
855	490186.7	3860735.1	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.66E-07	6.82E-07	6.19E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.78E-08	9.26E-08	1.47E-07	2.59E-08	1.40E-07	7.93E-07
856	490236.7	3860735.1	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.18E-06	6.80E-07	6.97E-07	6.32E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.93E-08	9.46E-08	1.50E-07	2.65E-08	1.43E-07	8.10E-07
857	490286.7	3860735.1	1.15E-03	1.18E-03	1.11E-03	3.97E-07	1.20E-06	6.95E-07	7.12E-07	6.45E-07	2.94E-07	2.78E-07	1.33E-08	3.21E-07	7.07E-08	9.66E-08	1.53E-07	2.70E-08	1.46E-07	8.27E-07
858	490336.7	3860735.1	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.76E-08	1.49E-07	8.45E-07
859	490386.7	3860735.1	1.20E-03	1.23E-03	1.16E-03	4.16E-07	1.26E-06	7.27E-07	7.45E-07	6.75E-07	3.08E-07	2.90E-07	1.39E-08	3.35E-07	7.40E-08	1.01E-07	1.60E-07	2.83E-08	1.52E-07	8.65E-07
860	490436.7	3860735.1	1.23E-03	1.26E-03	1.19E-03	4.26E-07	1.28E-06	7.44E-07	7.62E-07	6.91E-07	3.15E-07	2.97E-07	1.42E-08	3.43E-07	7.57E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.86E-07
861	490486.7	3860735.1	1.26E-03	1.29E-03	1.22E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.07E-07	3.23E-07	3.04E-07	1.46E-08	3.52E-07	7.76E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.07E-07
862	490536.7	3860735.1	1.29E-03	1.32E-03	1.24E-03	4.46E-07	1.35E-06	7.79E-07	7.98E-07	7.23E-07	3.30E-07	3.11E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	3.03E-08	1.63E-07	9.27E-07
863	490586.7	3860735.1	1.32E-03	1.35E-03	1.27E-03	4.57E-07	1.38E-06	7.98E-07	8.18E-07	7.41E-07	3.38E-07	3.19E-07	1.53E-08	3.68E-07	8.13E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.51E-07
864	490636.7	3860735.1	1.35E-03	1.39E-03	1.31E-03	4.68E-07	1.41E-06	8.19E-07	8.39E-07	7.60E-07	3.47E-07	3.27E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.18E-08	1.72E-07	9.75E-07
865	490686.7	3860735.1	1.39E-03	1.43E-03	1.34E-03	4.82E-07	1.45E-06	8.42E-07	8.63E-07	7.82E-07	3.57E-07	3.37E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.27E-08	1.77E-07	1.00E-06
866	490736.7	3860735.1	1.43E-03	1.47E-03	1.38E-03	4.96E-07	1.50E-06	8.66E-07	8.87E-07	8.04E-07	3.67E-07	3.46E-07	1.65E-08	4.00E-07	8.82E-08	1.20E-07	1.91E-07	3.37E-08	1.82E-07	1.03E-06
867	490136.7	3860785.1	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.27E-07	6.42E-07	5.82E-07	2.66E-07	2.51E-07	1.20E-08	2.89E-07	6.38E-08	8.72E-08	1.38E-07	2.44E-08	1.31E-07	7.46E-07
868	490186.7	3860785.1	1.06E-03	1.08E-03	1.02E-03	3.66E-07	1.10E-06	6.39E-07	6.55E-07	5.94E-07	2.71E-07	2.56E-07	1.22E-08	2.95E-07	6.51E-08	8.89E-08	1.41E-07	2.49E-08	1.34E-07	7.61E-07
869	490236.7	3860785.1	1.08E-03	1.10E-03	1.04E-03	3.73E-07	1.13E-06	6.53E-07	6.69E-07	6.06E-07	2.77E-07	2.61E-07	1.25E-08	3.01E-07	6.65E-08	9.08E-08	1.44E-07	2.54E-08	1.37E-07	7.77E-07
870	490286.7	3860785.1	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.66E-07	6.82E-07	6.19E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.78E-08	9.26E-08	1.47E-07	2.59E-08	1.40E-07	7.93E-07
871	490336.7	3860785.1	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.81E-07	6.98E-07	6.33E-07	2.89E-07	2.72E-07	1.30E-08	3.14E-07	6.94E-08	9.48E-08	1.50E-07	2.65E-08	1.43E-07	8.11E-07
872	490386.7	3860785.1	1.15E-03	1.18E-03	1.11E-03	3.98E-07	1.20E-06	6.97E-07	7.13E-07	6.47E-07	2.95E-07	2.78E-07	1.33E-08	3.21E-07	7.09E-08	9.69E-08	1.54E-07	2.71E-08	1.46E-07	8.29E-07
873	490436.7	3860785.1	1.18E-03	1.21E-03	1.14E-03	4.08E-07	1.23E-06	7.13E-07	7.30E-07	6.62E-07	3.02E-07	2.85E-07	1.36E-08	3.29E-07	7.26E-08	9.91E-08	1.57E-07	2.77E-08	1.49E-07	8.48E-07
874	490486.7	3860785.1	1.21E-03	1.24E-03	1.17E-03	4.18E-07	1.26E-06	7.30E-07	7.48E-07	6.78E-07	3.09E-07	2.92E-07	1.40E-08	3.37E-07	7.44E-08	1.02E-07	1.61E-07	2.84E-08	1.53E-07	8.70E-07
875	490536.7	3860785.1	1.24E-03	1.27E-03	1.19E-03	4.28E-07	1.29E-06	7.47E-07	7.66E-07	6.94E-07	3.17E-07	2.99E-07	1.43E-08	3.45E-07	7.61E-08	1.04E-07	1.65E-07	2.91E-08	1.57E-07	8.90E-07
876	490586.7	3860785.1	1.26E-03	1.30E-03	1.22E-03	4.38E-07	1.32E-06	7.65E-07	7.84E-07	7.11E-07	3.24E-07	3.06E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.98E-08	1.61E-07	9.11E-07
877	490636.7	3860785.1	1.30E-03	1.33E-03	1.25E-03	4.49E-07	1.36E-06	7.85E-07	8.04E-07	7.29E-07	3.33E-07	3.14E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.73E-07	3.05E-08	1.65E-07	9.35E-07
878	490686.7	3860785.1	1.33E-03	1.36E-03	1.29E-03	4.61E-07	1.39E-06	8.05E-07	8.25E-07	7.48E-07	3.41E-07	3.22E-07	1.54E-08	3.72E-07	8.20E-08	1.12E-07	1.78E-07	3.13E-08	1.69E-07	9.59E-07
879	490736.7	3860785.1	1.37E-03	1.40E-03	1.32E-03	4.74E-07	1.43E-06	8.29E-07	8.49E-07	7.69E-07	3.51E-07	3.31E-07	1.58E-08	3.82E-07	8.44E-08	1.15E-07	1.83E-07	3.22E-08	1.74E-07	9.87E-07
880	490086.7	3860835.1	9.77E-04	1.00E-03	9.44E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.49E-07	2.50E-07	2.36E-07	1.13E-08	2.73E-07	6.02E-08	8.22E-08	1.30E-07	2.30E-08	1.24E-07	7.04E-07
881	490136.7	3860835.1	9.96E-04	1.02E-03	9.62E-04	3.45E-07	1.04E-06	6.03E-07	6.17E-07	5.60E-07	2.55E-07	2.41E-07	1.15E-08	2.78E-07	6.14E-08	8.38E-08	1.33E-07	2.34E-08	1.26E-07	7.18E-07
882	490186.7	3860835.1	1.02E-03	1.04E-03	9.81E-04	3.51E-07	1.06E-06	6.14E-07	6.29E-07	5.70E-07	2.60E-07	2.46E-07	1.17E-08	2.84E-07	6.26E-08	8.54E-08	1.36E-07	2.39E-08	1.29E-07	7.32E-07
883	490236.7	3860835.1	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.27E-07	6.42E-07	5.82E-07	2.66E-07	2.51E-07	1.20E-08	2.89E-07	6.38E-08	8.72E-08	1.38E-07	2.44E-08	1.31E-07	7.46E-07
884	490286.7	3860835.1	1.06E-03	1.08E-03	1.02E-03	3.66E-07	1.11E-06	6.40E-07	6.56E-07	5.94E-07	2.71E-07	2.56E-07	1.22E-08	2.95E-07	6.52E-08	8.90E-08	1.41E-07	2.49E-08	1.34E-07	7.62E-07
885	490336.7	3860835.1	1.08E-03	1.11E-03	1.04E-03	3.74E-07	1.13E-06	6.54E-07	6.70E-07	6.07E-07	2.77E-07	2.61E-07	1.25E-08	3.02E-07	6.66E-08	9.09E-08	1.44E-07	2.54E-08	1.37E-07	7.78E-07
886	490386.7	3860835.1	1.10E-03	1.13E-03	1.07E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.83E-07	2.67E-07	1.28E-08	3.08E-07	6.80E-08	9.29E-08	1.47E-07	2.60E-08	1.40E-07	7.95E-07
887	490436.7	3860835.1	1.13E-03	1.16E-03	1.09E-03	3.91E-07	1.18E-06	6.83E-07	7.00E-07	6.34E-07	2.89E-07	2.73E-07	1.31E-08	3.15E-07	6.96E-08	9.50E-08	1.51E-07	2.66E-08	1.43E-07	8.13E-07
888	490486.7	3860835.1	1.16E-03	1.18E-03	1.12E-03	4.00E-07	1.21E-06	6.99E-07	7.16E-07	6.49E-07	2.96E-07	2.79E-07	1.34E-08	3.23E-07	7.12E-08	9.72E-08	1.54E-07	2.72E-08	1.47E-07	8.33E-07
889	490536.7	3860835.1	1.18E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.16E-07	7.34E-07	6.65E-07	3.03E-07	2.86E-07	1.37E-08	3.30E-07	7.29E-08	9.96E-08	1.58E-07	2.78E-08	1.50E-07	8.53E-07

890	490586.7	3860835.1	1.21E-03	1.24E-03	1.17E-03	4.19E-07	1.27E-06	7.33E-07	7.51E-07	6.81E-07	3.11E-07	2.93E-07	1.40E-08	3.38E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.73E-07
891	490636.7	3860835.1	1.24E-03	1.27E-03	1.20E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.18E-07	3.00E-07	1.43E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.92E-08	1.58E-07	8.94E-07
892	490686.7	3860835.1	1.27E-03	1.30E-03	1.23E-03	4.41E-07	1.33E-06	7.71E-07	7.89E-07	7.16E-07	3.26E-07	3.08E-07	1.47E-08	3.56E-07	7.85E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.18E-07
893	490736.7	3860835.1	1.31E-03	1.34E-03	1.27E-03	4.54E-07	1.37E-06	7.93E-07	8.12E-07	7.36E-07	3.36E-07	3.17E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.44E-07
894	490086.7	3860885.1	9.43E-04	9.66E-04	9.11E-04	3.26E-07	9.86E-07	5.71E-07	5.84E-07	5.30E-07	2.42E-07	2.28E-07	1.09E-08	2.63E-07	5.81E-08	7.94E-08	1.26E-07	2.22E-08	1.20E-07	6.79E-07
895	490136.7	3860885.1	9.61E-04	9.84E-04	9.28E-04	3.33E-07	1.00E-06	5.81E-07	5.95E-07	5.40E-07	2.46E-07	2.32E-07	1.11E-08	2.68E-07	5.92E-08	8.08E-08	1.28E-07	2.26E-08	1.22E-07	6.92E-07
896	490186.7	3860885.1	9.79E-04	1.00E-03	9.45E-04	3.39E-07	1.02E-06	5.92E-07	6.06E-07	5.50E-07	2.51E-07	2.37E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.31E-07	2.30E-08	1.24E-07	7.05E-07
897	490236.7	3860885.1	9.98E-04	1.02E-03	9.64E-04	3.45E-07	1.04E-06	6.04E-07	6.18E-07	5.60E-07	2.56E-07	2.41E-07	1.15E-08	2.79E-07	6.15E-08	8.39E-08	1.33E-07	2.35E-08	1.27E-07	7.19E-07
898	490286.7	3860885.1	1.02E-03	1.04E-03	9.82E-04	3.52E-07	1.06E-06	6.15E-07	6.30E-07	5.71E-07	2.61E-07	2.46E-07	1.18E-08	2.84E-07	6.27E-08	8.56E-08	1.36E-07	2.39E-08	1.29E-07	7.33E-07
899	490336.7	3860885.1	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.39E-08	8.73E-08	1.38E-07	2.44E-08	1.32E-07	7.47E-07
900	490386.7	3860885.1	1.06E-03	1.09E-03	1.02E-03	3.67E-07	1.11E-06	6.41E-07	6.57E-07	5.95E-07	2.72E-07	2.56E-07	1.22E-08	2.96E-07	6.53E-08	8.92E-08	1.41E-07	2.49E-08	1.34E-07	7.63E-07
901	490436.7	3860885.1	1.08E-03	1.11E-03	1.05E-03	3.75E-07	1.13E-06	6.55E-07	6.71E-07	6.09E-07	2.78E-07	2.62E-07	1.25E-08	3.02E-07	6.67E-08	9.11E-08	1.45E-07	2.55E-08	1.37E-07	7.80E-07
902	490486.7	3860885.1	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.70E-07	6.86E-07	6.22E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.82E-08	9.31E-08	1.48E-07	2.60E-08	1.40E-07	7.97E-07
903	490536.7	3860885.1	1.13E-03	1.16E-03	1.10E-03	3.92E-07	1.18E-06	6.86E-07	7.02E-07	6.37E-07	2.91E-07	2.74E-07	1.31E-08	3.16E-07	6.98E-08	9.54E-08	1.51E-07	2.67E-08	1.44E-07	8.17E-07
904	490586.7	3860885.1	1.16E-03	1.19E-03	1.12E-03	4.02E-07	1.21E-06	7.02E-07	7.19E-07	6.52E-07	2.97E-07	2.80E-07	1.34E-08	3.24E-07	7.15E-08	9.76E-08	1.55E-07	2.73E-08	1.47E-07	8.36E-07
905	490636.7	3860885.1	1.19E-03	1.22E-03	1.15E-03	4.11E-07	1.24E-06	7.19E-07	7.36E-07	6.67E-07	3.05E-07	2.87E-07	1.37E-08	3.32E-07	7.32E-08	1.00E-07	1.59E-07	2.79E-08	1.51E-07	8.56E-07
906	490686.7	3860885.1	1.22E-03	1.25E-03	1.18E-03	4.21E-07	1.27E-06	7.37E-07	7.55E-07	6.84E-07	3.12E-07	2.94E-07	1.41E-08	3.40E-07	7.50E-08	1.02E-07	1.63E-07	2.86E-08	1.55E-07	8.77E-07
907	490736.7	3860885.1	1.25E-03	1.28E-03	1.21E-03	4.33E-07	1.31E-06	7.56E-07	7.75E-07	7.02E-07	3.20E-07	3.02E-07	1.45E-08	3.49E-07	7.70E-08	1.05E-07	1.67E-07	2.94E-08	1.59E-07	9.01E-07
908	490086.7	3860935.1	9.11E-04	9.33E-04	8.80E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.14E-08	1.16E-07	6.56E-07
909	490136.7	3860935.1	9.27E-04	9.49E-04	8.95E-04	3.21E-07	9.69E-07	5.61E-07	5.74E-07	5.21E-07	2.38E-07	2.24E-07	1.07E-08	2.59E-07	5.71E-08	7.80E-08	1.24E-07	2.18E-08	1.18E-07	6.68E-07
910	490186.7	3860935.1	9.43E-04	9.66E-04	9.11E-04	3.26E-07	9.86E-07	5.71E-07	5.84E-07	5.30E-07	2.42E-07	2.28E-07	1.09E-08	2.63E-07	5.81E-08	7.94E-08	1.26E-07	2.22E-08	1.20E-07	6.79E-07
911	490236.7	3860935.1	9.61E-04	9.84E-04	9.28E-04	3.33E-07	1.00E-06	5.81E-07	5.95E-07	5.40E-07	2.46E-07	2.32E-07	1.11E-08	2.68E-07	5.92E-08	8.08E-08	1.28E-07	2.26E-08	1.22E-07	6.92E-07
912	490286.7	3860935.1	9.80E-04	1.00E-03	9.47E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.51E-07	2.51E-07	2.37E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.31E-08	1.24E-07	7.06E-07
913	490336.7	3860935.1	9.99E-04	1.02E-03	9.65E-04	3.46E-07	1.04E-06	6.05E-07	6.19E-07	5.61E-07	2.56E-07	2.42E-07	1.15E-08	2.79E-07	6.16E-08	8.41E-08	1.33E-07	2.35E-08	1.27E-07	7.20E-07
914	490386.7	3860935.1	1.02E-03	1.04E-03	9.85E-04	3.53E-07	1.07E-06	6.17E-07	6.32E-07	5.73E-07	2.61E-07	2.47E-07	1.18E-08	2.85E-07	6.28E-08	8.58E-08	1.36E-07	2.40E-08	1.29E-07	7.35E-07
915	490436.7	3860935.1	1.04E-03	1.07E-03	1.01E-03	3.61E-07	1.09E-06	6.30E-07	6.46E-07	5.85E-07	2.67E-07	2.52E-07	1.20E-08	2.91E-07	6.42E-08	8.77E-08	1.39E-07	2.45E-08	1.32E-07	7.51E-07
916	490486.7	3860935.1	1.06E-03	1.09E-03	1.03E-03	3.68E-07	1.11E-06	6.44E-07	6.59E-07	5.98E-07	2.73E-07	2.57E-07	1.23E-08	2.97E-07	6.56E-08	8.95E-08	1.42E-07	2.50E-08	1.35E-07	7.67E-07
917	490536.7	3860935.1	1.09E-03	1.11E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.74E-07	6.11E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.70E-08	9.15E-08	1.45E-07	2.56E-08	1.38E-07	7.84E-07
918	490586.7	3860935.1	1.11E-03	1.14E-03	1.07E-03	3.85E-07	1.16E-06	6.72E-07	6.89E-07	6.24E-07	2.85E-07	2.69E-07	1.28E-08	3.10E-07	6.85E-08	9.35E-08	1.48E-07	2.61E-08	1.41E-07	8.01E-07
919	490636.7	3860935.1	1.14E-03	1.17E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	7.05E-07	6.39E-07	2.92E-07	2.75E-07	1.32E-08	3.18E-07	7.01E-08	9.57E-08	1.52E-07	2.68E-08	1.44E-07	8.20E-07
920	490686.7	3860935.1	1.17E-03	1.19E-03	1.13E-03	4.04E-07	1.22E-06	7.05E-07	7.23E-07	6.55E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.18E-08	9.81E-08	1.56E-07	2.74E-08	1.48E-07	8.40E-07
921	490736.7	3860935.1	1.20E-03	1.22E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.41E-07	6.72E-07	3.06E-07	2.89E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.81E-08	1.52E-07	8.61E-07
922	490786.7	3860935.1	1.23E-03	1.26E-03	1.18E-03	4.25E-07	1.28E-06	7.42E-07	7.60E-07	6.89E-07	3.14E-07	2.97E-07	1.42E-08	3.42E-07	7.56E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.84E-07
923	490836.7	3860935.1	1.26E-03	1.29E-03	1.22E-03	4.37E-07	1.32E-06	7.64E-07	7.82E-07	7.09E-07	3.23E-07	3.05E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.97E-08	1.60E-07	9.09E-07
924	490086.7	3860985.1	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
925	490136.7	3860985.1	8.97E-04	9.19E-04	8.67E-04	3.11E-07	9.38E-07	5.43E-07	5.56E-07	5.04E-07	2.30E-07	2.17E-07	1.04E-08	2.51E-07	5.53E-08	7.55E-08	1.20E-07	2.11E-08	1.14E-07	6.46E-07
926	490186.7	3860985.1	9.14E-04	9.36E-04	8.83E-04	3.16E-07	9.55E-07	5.53E-07	5.66E-07	5.13E-07	2.34E-07	2.21E-07	1.06E-08	2.55E-07	5.63E-08	7.69E-08	1.22E-07	2.15E-08	1.16E-07	6.58E-07
927	490236.7	3860985.1	9.28E-04	9.51E-04	8.97E-04	3.21E-07	9.70E-07	5.62E-07	5.75E-07	5.22E-07	2.38E-07	2.24E-07	1.07E-08	2.59E-07	5.72E-08	7.81E-08	1.24E-07	2.18E-08	1.18E-07	6.69E-07
928	490286.7	3860985.1	9.46E-04	9.69E-04	9.14E-04	3.27E-07	9.89E-07	5.72E-07	5.86E-07	5.31E-07	2.43E-07	2.29E-07	1.09E-08	2.64E-07	5.83E-08	7.96E-08	1.26E-07	2.23E-08	1.20E-07	6.82E-07
929	490336.7	3860985.1	9.64E-04	9.87E-04	9.31E-04	3.34E-07	1.01E-06	5.83E-07	5.97E-07	5.41E-07	2.47E-07	2.33E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.27E-08	1.22E-07	6.94E-07
930	490386.7	3860985.1	9.83E-04	1.01E-03	9.50E-04	3.40E-07	1.03E-06	5.95E-07	6.09E-07	5.52E-07	2.52E-07	2.38E-07	1.14E-08	2.74E-07	6.06E-08	8.27E-08	1.31E-07	2.31E-08	1.25E-07	7.08E-07
931	490436.7	3860985.1	1.00E-03	1.03E-03	9.70E-04	3.47E-07	1.05E-06	6.07E-07	6.22E-07	5.64E-07	2.57E-07	2.43E-07	1.16E-08	2.80E-07	6.18E-08	8.44E-08	1.34E-07	2.36E-08	1.27E-07	7.23E-07
932	490486.7	3860985.1	1.02E-03	1.05E-03	9.90E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.63E-07	2.48E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.41E-08	1.30E-07	7.38E-07
933	490536.7	3860985.1	1.04E-03	1.07E-03	1.01E-03	3.62E-07	1.09E-06	6.32E-07	6.48E-07	5.87E-07	2.68E-07	2.53E-07	1.21E-08	2.92E-07	6.44E-08	8.79E-08	1.39E-07	2.46E-08	1.33E-07	7.53E-07
934	490586.7	3860985.1	1.07E-03	1.09E-03	1.03E-03	3.70E-07	1.12E-06	6.47E-07	6.62E-07	6.00E-07	2.74E-07	2.58E-07	1.24E-08	2.98E-07	6.58E-08	8.99E-08	1.43E-07	2.51E-08	1.36E-07	7.70E-07
935	490636.7	3860985.1	1.09E-03	1.12E-03	1.06E-03	3.78E-07	1.14E-06	6.61E-07	6.77E-07	6.14E-07	2.80E-07	2.64E-07	1.26E-08	3.05E-07	6.73E-08	9.19E-08	1.46E-07	2.57E-08	1.39E-07	7.87E-07
936	490686.7	3860985.1	1.12E-03	1.14E-03	1.08E-03	3.87E-07	1.17E-06	6.76E-07	6.92E-07	6.28E-07	2.86E-07	2.70E-07	1.29E-08	3.12E-07	6.88E-08	9.40E-08	1.49E-07	2.63E-08	1.42E-07	8.05E-07
937	490736.7	3860985.1	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.92E-07	7.09E-07	6.43E-07	2.93E-07	2.77E-07	1.32E-08	3.19E-07	7.05E-08	9.62E-08	1.53E-07	2.69E-08	1.45E-07	8.24E-07
938	490786.7	3860985.1	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.76E-08	1.49E-07	8.45E-07
939	490836.7	3860985.1	1.20E-03	1.23E-03	1.16E-03	4.17E-07	1.26E-06	7.29E-07	7.46E-07	6.77E-07	3.09E-07	2.91E-07	1.39E-08	3.36E-07	7.42E-08	1.01E-07	1.61E-07	2.83E-08	1.53E-07	8.68E-07
940	490086.7	3861035.1	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
941	490136.7	3861035.1	8.69E-04	8.90E-04	8.40E-04	3.01E-07	9.09E-07	5.26E-07	5.39E-07	4.88E-07	2.23E-07	2.10E-07	1.00E-08	2.43E-07	5.36E-08	7.31E-08	1.16E-07	2.04E-08	1.10E-07	6.26E-07
942	490186.7	3861035.1	8.84E-04	9.05E-04	8.54E-04	3.06E-07	9.24E-07	5.35E-07	5.48E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.08E-08	1.12E-07	6.37E-07
943	490236.7	3861035.1	9.00E-04	9.22E-04	8.70E-04	3.12E-07	9.41E-07	5.45E-07	5.58E-07	5.06E-07	2.31E-07	2.18E-07	1.04E-08	2.51E-07	5.55E-08	7.58E-08	1.20E-07	2.12E-08	1.14E-07	6.49E-07
944	490286.7	3861035.1	9.15E-04	9.37E-04	8.84E-04	3.17E-07	9.56E-07	5.54E-07	5.67E-07	5.14E-07	2.35E-07	2.21E-07	1.06E-08	2.55E-07	5.64E-08	7.70E-08	1.22E-07	2.15E-08	1.16E-07	6.59E-07
945	490336.7	3861035.1	9.31E-04	9.54E-04	9.00E-04	3.22E-07	9.73E-07	5.63E-07	5.77E-07	5.23E-07	2.39E-07	2.25E-07	1.08E-08	2.60E-07	5.74E-08	7.84E-08	1.24E-07	2.19E-08	1.18E-07	6.71E-07

946	490386.7	3861035.1	9.50E-04	9.73E-04	9.18E-04	3.29E-07	9.93E-07	5.75E-07	5.89E-07	5.34E-07	2.44E-07	2.30E-07	1.10E-08	2.65E-07	5.86E-08	8.00E-08	1.27E-07	2.24E-08	1.21E-07	6.85E-07
947	490436.7	3861035.1	9.68E-04	9.92E-04	9.35E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.44E-07	2.48E-07	2.34E-07	1.12E-08	2.70E-07	5.97E-08	8.15E-08	1.29E-07	2.28E-08	1.23E-07	6.98E-07
948	490486.7	3861035.1	9.87E-04	1.01E-03	9.54E-04	3.42E-07	1.03E-06	5.97E-07	6.12E-07	5.55E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.08E-08	8.31E-08	1.32E-07	2.32E-08	1.25E-07	7.11E-07
949	490536.7	3861035.1	1.01E-03	1.03E-03	9.74E-04	3.49E-07	1.05E-06	6.10E-07	6.25E-07	5.66E-07	2.58E-07	2.44E-07	1.17E-08	2.81E-07	6.21E-08	8.48E-08	1.35E-07	2.37E-08	1.28E-07	7.26E-07
950	490586.7	3861035.1	1.03E-03	1.05E-03	9.94E-04	3.56E-07	1.08E-06	6.22E-07	6.38E-07	5.78E-07	2.64E-07	2.49E-07	1.19E-08	2.87E-07	6.34E-08	8.66E-08	1.37E-07	2.42E-08	1.31E-07	7.41E-07
951	490636.7	3861035.1	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.69E-07	2.54E-07	1.21E-08	2.93E-07	6.47E-08	8.84E-08	1.40E-07	2.47E-08	1.33E-07	7.57E-07
952	490686.7	3861035.1	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.75E-07	2.59E-07	1.24E-08	3.00E-07	6.61E-08	9.03E-08	1.43E-07	2.52E-08	1.36E-07	7.73E-07
953	490736.7	3861035.1	1.10E-03	1.12E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.80E-07	6.17E-07	2.81E-07	2.65E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.58E-08	1.39E-07	7.91E-07
954	490786.7	3861035.1	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.17E-06	6.80E-07	6.96E-07	6.31E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.92E-08	9.45E-08	1.50E-07	2.64E-08	1.43E-07	8.09E-07
955	490836.7	3861035.1	1.15E-03	1.18E-03	1.11E-03	3.98E-07	1.20E-06	6.97E-07	7.13E-07	6.47E-07	2.95E-07	2.78E-07	1.33E-08	3.21E-07	7.09E-08	9.69E-08	1.54E-07	2.71E-08	1.46E-07	8.29E-07
956	490086.7	3861085.1	8.31E-04	8.51E-04	8.03E-04	2.88E-07	8.68E-07	5.03E-07	5.15E-07	4.67E-07	2.13E-07	2.01E-07	9.60E-09	2.32E-07	5.12E-08	6.99E-08	1.11E-07	1.95E-08	1.05E-07	5.99E-07
957	490136.7	3861085.1	8.44E-04	8.65E-04	8.16E-04	2.92E-07	8.82E-07	5.11E-07	5.23E-07	4.74E-07	2.16E-07	2.04E-07	9.76E-09	2.36E-07	5.20E-08	7.10E-08	1.13E-07	1.99E-08	1.07E-07	6.08E-07
958	490186.7	3861085.1	8.59E-04	8.80E-04	8.30E-04	2.97E-07	8.98E-07	5.20E-07	5.32E-07	4.83E-07	2.20E-07	2.08E-07	9.93E-09	2.40E-07	5.29E-08	7.23E-08	1.15E-07	2.02E-08	1.09E-07	6.19E-07
959	490236.7	3861085.1	8.72E-04	8.93E-04	8.43E-04	3.02E-07	9.12E-07	5.28E-07	5.41E-07	4.90E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.37E-08	7.34E-08	1.16E-07	2.05E-08	1.11E-07	6.28E-07
960	490286.7	3861085.1	8.87E-04	9.08E-04	8.57E-04	3.07E-07	9.27E-07	5.37E-07	5.50E-07	4.98E-07	2.27E-07	2.14E-07	1.03E-08	2.48E-07	5.47E-08	7.46E-08	1.18E-07	2.09E-08	1.13E-07	6.39E-07
961	490336.7	3861085.1	9.02E-04	9.24E-04	8.71E-04	3.12E-07	9.43E-07	5.46E-07	5.59E-07	5.07E-07	2.31E-07	2.18E-07	1.04E-08	2.52E-07	5.56E-08	7.59E-08	1.20E-07	2.12E-08	1.14E-07	6.50E-07
962	490386.7	3861085.1	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
963	490436.7	3861085.1	9.36E-04	9.58E-04	9.04E-04	3.24E-07	9.78E-07	5.66E-07	5.80E-07	5.26E-07	2.40E-07	2.26E-07	1.08E-08	2.61E-07	5.77E-08	7.87E-08	1.25E-07	2.20E-08	1.19E-07	6.74E-07
964	490486.7	3861085.1	9.55E-04	9.78E-04	9.23E-04	3.31E-07	9.98E-07	5.78E-07	5.92E-07	5.36E-07	2.45E-07	2.31E-07	1.10E-08	2.67E-07	5.88E-08	8.03E-08	1.27E-07	2.25E-08	1.21E-07	6.88E-07
965	490536.7	3861085.1	9.73E-04	9.96E-04	9.40E-04	3.37E-07	1.02E-06	5.88E-07	6.03E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.29E-08	1.23E-07	7.01E-07
966	490586.7	3861085.1	9.92E-04	1.02E-03	9.58E-04	3.43E-07	1.04E-06	6.00E-07	6.15E-07	5.57E-07	2.54E-07	2.40E-07	1.15E-08	2.77E-07	6.11E-08	8.34E-08	1.32E-07	2.33E-08	1.26E-07	7.15E-07
967	490636.7	3861085.1	1.01E-03	1.04E-03	9.78E-04	3.50E-07	1.06E-06	6.13E-07	6.27E-07	5.69E-07	2.60E-07	2.45E-07	1.17E-08	2.83E-07	6.24E-08	8.52E-08	1.35E-07	2.38E-08	1.28E-07	7.29E-07
968	490686.7	3861085.1	1.03E-03	1.06E-03	9.98E-04	3.58E-07	1.08E-06	6.25E-07	6.40E-07	5.80E-07	2.65E-07	2.50E-07	1.19E-08	2.88E-07	6.37E-08	8.69E-08	1.38E-07	2.43E-08	1.31E-07	7.44E-07
969	490736.7	3861085.1	1.06E-03	1.08E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.54E-07	5.93E-07	2.70E-07	2.55E-07	1.22E-08	2.95E-07	6.50E-08	8.88E-08	1.41E-07	2.48E-08	1.34E-07	7.60E-07
970	490786.7	3861085.1	1.08E-03	1.10E-03	1.04E-03	3.73E-07	1.13E-06	6.53E-07	6.69E-07	6.06E-07	2.77E-07	2.61E-07	1.25E-08	3.01E-07	6.65E-08	9.08E-08	1.44E-07	2.54E-08	1.37E-07	7.77E-07
971	490836.7	3861085.1	1.10E-03	1.13E-03	1.07E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.83E-07	2.67E-07	1.28E-08	3.08E-07	6.80E-08	9.29E-08	1.47E-07	2.60E-08	1.40E-07	7.95E-07
972	490086.7	3861135.1	8.07E-04	8.27E-04	7.80E-04	2.79E-07	8.44E-07	4.88E-07	5.00E-07	4.54E-07	2.07E-07	1.95E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.90E-08	1.02E-07	5.82E-07
973	490136.7	3861135.1	8.19E-04	8.39E-04	7.91E-04	2.84E-07	8.56E-07	4.96E-07	5.08E-07	4.60E-07	2.10E-07	1.98E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.93E-08	1.04E-07	5.90E-07
974	490186.7	3861135.1	8.34E-04	8.54E-04	8.06E-04	2.89E-07	8.72E-07	5.05E-07	5.17E-07	4.68E-07	2.14E-07	2.02E-07	9.64E-09	2.33E-07	5.14E-08	7.02E-08	1.11E-07	1.96E-08	1.06E-07	6.01E-07
975	490236.7	3861135.1	8.47E-04	8.68E-04	8.18E-04	2.93E-07	8.85E-07	5.13E-07	5.25E-07	4.76E-07	2.17E-07	2.05E-07	9.79E-09	2.37E-07	5.22E-08	7.13E-08	1.13E-07	1.99E-08	1.08E-07	6.10E-07
976	490286.7	3861135.1	8.60E-04	8.81E-04	8.31E-04	2.98E-07	8.99E-07	5.21E-07	5.33E-07	4.83E-07	2.21E-07	2.08E-07	9.95E-09	2.40E-07	5.30E-08	7.24E-08	1.15E-07	2.02E-08	1.09E-07	6.20E-07
977	490336.7	3861135.1	8.75E-04	8.96E-04	8.46E-04	3.03E-07	9.15E-07	5.30E-07	5.42E-07	4.92E-07	2.24E-07	2.12E-07	1.01E-08	2.44E-07	5.39E-08	7.36E-08	1.17E-07	2.06E-08	1.11E-07	6.31E-07
978	490386.7	3861135.1	8.91E-04	9.13E-04	8.61E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.01E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.10E-08	1.13E-07	6.42E-07
979	490436.7	3861135.1	9.06E-04	9.28E-04	8.75E-04	3.14E-07	9.47E-07	5.48E-07	5.62E-07	5.09E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.58E-08	7.62E-08	1.21E-07	2.13E-08	1.15E-07	6.53E-07
980	490486.7	3861135.1	9.24E-04	9.46E-04	8.93E-04	3.20E-07	9.66E-07	5.59E-07	5.73E-07	5.19E-07	2.37E-07	2.23E-07	1.07E-08	2.58E-07	5.69E-08	7.77E-08	1.23E-07	2.17E-08	1.17E-07	6.66E-07
981	490536.7	3861135.1	9.40E-04	9.63E-04	9.08E-04	3.25E-07	9.83E-07	5.69E-07	5.83E-07	5.28E-07	2.41E-07	2.27E-07	1.09E-08	2.63E-07	5.79E-08	7.91E-08	1.25E-07	2.21E-08	1.19E-07	6.77E-07
982	490586.7	3861135.1	9.59E-04	9.83E-04	9.27E-04	3.32E-07	1.00E-06	5.80E-07	5.95E-07	5.39E-07	2.46E-07	2.32E-07	1.11E-08	2.68E-07	5.91E-08	8.07E-08	1.28E-07	2.26E-08	1.22E-07	6.91E-07
983	490636.7	3861135.1	9.77E-04	1.00E-03	9.44E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.49E-07	2.50E-07	2.36E-07	1.13E-08	2.73E-07	6.02E-08	8.22E-08	1.30E-07	2.30E-08	1.24E-07	7.04E-07
984	490686.7	3861135.1	9.96E-04	1.02E-03	9.62E-04	3.45E-07	1.04E-06	6.03E-07	6.17E-07	5.60E-07	2.55E-07	2.41E-07	1.15E-08	2.78E-07	6.14E-08	8.38E-08	1.33E-07	2.34E-08	1.26E-07	7.18E-07
985	490736.7	3861135.1	1.02E-03	1.04E-03	9.82E-04	3.52E-07	1.06E-06	6.15E-07	6.30E-07	5.71E-07	2.61E-07	2.46E-07	1.18E-08	2.84E-07	6.27E-08	8.56E-08	1.36E-07	2.39E-08	1.29E-07	7.33E-07
986	490786.7	3861135.1	1.04E-03	1.06E-03	1.00E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.40E-08	8.74E-08	1.39E-07	2.44E-08	1.32E-07	7.49E-07
987	490836.7	3861135.1	1.06E-03	1.09E-03	1.03E-03	3.68E-07	1.11E-06	6.43E-07	6.59E-07	5.97E-07	2.72E-07	2.57E-07	1.23E-08	2.97E-07	6.55E-08	8.94E-08	1.42E-07	2.50E-08	1.35E-07	7.66E-07
988	490086.7	3861185.1	7.85E-04	8.04E-04	7.59E-04	2.72E-07	8.21E-07	4.75E-07	4.87E-07	4.41E-07	2.01E-07	1.90E-07	9.08E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.85E-08	9.96E-08	5.66E-07
989	490136.7	3861185.1	7.95E-04	8.15E-04	7.69E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.47E-07	2.04E-07	1.92E-07	9.20E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.87E-08	1.01E-07	5.73E-07
990	490186.7	3861185.1	8.09E-04	8.28E-04	7.81E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.07E-07	1.96E-07	9.35E-09	2.26E-07	4.98E-08	6.81E-08	1.08E-07	1.90E-08	1.03E-07	5.83E-07
991	490236.7	3861185.1	8.22E-04	8.42E-04	7.94E-04	2.85E-07	8.59E-07	4.97E-07	5.09E-07	4.62E-07	2.11E-07	1.99E-07	9.50E-09	2.30E-07	5.06E-08	6.92E-08	1.10E-07	1.93E-08	1.04E-07	5.92E-07
992	490286.7	3861185.1	8.35E-04	8.56E-04	8.07E-04	2.89E-07	8.73E-07	5.05E-07	5.18E-07	4.69E-07	2.14E-07	2.02E-07	9.66E-09	2.33E-07	5.15E-08	7.03E-08	1.12E-07	1.97E-08	1.06E-07	6.02E-07
993	490336.7	3861185.1	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
994	490386.7	3861185.1	8.63E-04	8.84E-04	8.34E-04	2.99E-07	9.02E-07	5.22E-07	5.35E-07	4.85E-07	2.21E-07	2.09E-07	9.98E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	2.03E-08	1.10E-07	6.22E-07
995	490436.7	3861185.1	8.78E-04	8.99E-04	8.48E-04	3.04E-07	9.18E-07	5.31E-07	5.44E-07	4.93E-07	2.25E-07	2.12E-07	1.02E-08	2.45E-07	5.41E-08	7.39E-08	1.17E-07	2.07E-08	1.11E-07	6.33E-07
996	490486.7	3861185.1	8.94E-04	9.16E-04	8.64E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.50E-07	5.51E-08	7.53E-08	1.19E-07	2.10E-08	1.13E-07	6.44E-07
997	490536.7	3861185.1	9.11E-04	9.33E-04	8.80E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.14E-08	1.16E-07	6.56E-07
998	490586.7	3861185.1	9.28E-04	9.51E-04	8.97E-04	3.21E-07	9.70E-07	5.62E-07	5.75E-07	5.22E-07	2.38E-07	2.24E-07	1.07E-08	2.59E-07	5.72E-08	7.81E-08	1.24E-07	2.18E-08	1.18E-07	6.69E-07
999	490636.7	3861185.1	9.45E-04	9.67E-04	9.13E-04	3.27E-07	9.87E-07	5.72E-07	5.85E-07	5.31E-07	2.42E-07	2.28E-07	1.09E-08	2.64E-07	5.82E-08	7.95E-08	1.26E-07	2.22E-08	1.20E-07	6.80E-07
1000	490686.7	3861185.1	9.62E-04	9.86E-04	9.30E-04	3.33E-07	1.01E-06	5.82E-07	5.96E-07	5.41E-07	2.47E-07	2.33E-07	1.11E-08	2.69E-07	5.93E-08	8.10E-08	1.28E-07	2.26E-08	1.22E-07	6.93E-07
1001	490736.7	3861185.1	9.83E-04	1.01E-03	9.50E-04	3.40E-07	1.03E-06	5.95E-07	6.09E-07	5.52E-07	2.52E-07	2.38E-07	1.14E-08	2.74E-07	6.06E-08	8.27E-08	1.31E-07	2.31E-08	1.25E-07	7.08E-07

1002	490786.7	3861185.1	1.00E-03	1.03E-03	9.68E-04	3.47E-07	1.05E-06	6.06E-07	6.21E-07	5.63E-07	2.57E-07	2.42E-07	1.16E-08	2.80E-07	6.17E-08	8.43E-08	1.34E-07	2.36E-08	1.27E-07	7.22E-07
1003	490836.7	3861185.1	1.02E-03	1.05E-03	9.90E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.63E-07	2.48E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.41E-08	1.30E-07	7.38E-07
1004	490086.7	3861235.1	7.63E-04	7.82E-04	7.37E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.96E-07	1.84E-07	8.82E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.79E-08	9.68E-08	5.50E-07
1005	490136.7	3861235.1	7.75E-04	7.94E-04	7.49E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.99E-07	1.87E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.82E-08	9.83E-08	5.58E-07
1006	490186.7	3861235.1	7.87E-04	8.06E-04	7.60E-04	2.72E-07	8.22E-07	4.76E-07	4.88E-07	4.42E-07	2.02E-07	1.90E-07	9.09E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.85E-08	9.98E-08	5.67E-07
1007	490236.7	3861235.1	7.98E-04	8.18E-04	7.71E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.49E-07	2.05E-07	1.93E-07	9.23E-09	2.23E-07	4.92E-08	6.72E-08	1.07E-07	1.88E-08	1.01E-07	5.75E-07
1008	490386.7	3861235.1	8.37E-04	8.57E-04	8.08E-04	2.90E-07	8.75E-07	5.06E-07	5.19E-07	4.70E-07	2.15E-07	2.02E-07	9.67E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.97E-08	1.06E-07	6.03E-07
1009	490436.7	3861235.1	8.52E-04	8.72E-04	8.23E-04	2.95E-07	8.90E-07	5.15E-07	5.28E-07	4.78E-07	2.18E-07	2.06E-07	9.84E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	2.00E-08	1.08E-07	6.14E-07
1010	490486.7	3861235.1	8.66E-04	8.87E-04	8.37E-04	3.00E-07	9.06E-07	5.24E-07	5.37E-07	4.87E-07	2.22E-07	2.09E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	2.04E-08	1.10E-07	6.24E-07
1011	490536.7	3861235.1	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
1012	490586.7	3861235.1	8.99E-04	9.21E-04	8.68E-04	3.11E-07	9.39E-07	5.44E-07	5.57E-07	5.05E-07	2.30E-07	2.17E-07	1.04E-08	2.51E-07	5.54E-08	7.56E-08	1.20E-07	2.11E-08	1.14E-07	6.48E-07
1013	490636.7	3861235.1	9.14E-04	9.36E-04	8.83E-04	3.16E-07	9.55E-07	5.53E-07	5.66E-07	5.13E-07	2.34E-07	2.21E-07	1.06E-08	2.55E-07	5.63E-08	7.69E-08	1.22E-07	2.15E-08	1.16E-07	6.58E-07
1014	490686.7	3861235.1	9.31E-04	9.54E-04	9.00E-04	3.22E-07	9.73E-07	5.63E-07	5.77E-07	5.23E-07	2.39E-07	2.25E-07	1.08E-08	2.60E-07	5.74E-08	7.84E-08	1.24E-07	2.19E-08	1.18E-07	6.71E-07
1015	490736.7	3861235.1	9.49E-04	9.72E-04	9.17E-04	3.29E-07	9.92E-07	5.74E-07	5.88E-07	5.33E-07	2.43E-07	2.29E-07	1.10E-08	2.65E-07	5.85E-08	7.98E-08	1.27E-07	2.23E-08	1.20E-07	6.84E-07
1016	490786.7	3861235.1	9.68E-04	9.92E-04	9.35E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.44E-07	2.48E-07	2.34E-07	1.12E-08	2.70E-07	5.97E-08	8.15E-08	1.29E-07	2.28E-08	1.23E-07	6.98E-07
1017	490836.7	3861235.1	9.89E-04	1.01E-03	9.55E-04	3.42E-07	1.03E-06	5.98E-07	6.13E-07	5.56E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.09E-08	8.32E-08	1.32E-07	2.33E-08	1.25E-07	7.12E-07
1018	490086.7	3861285.1	7.44E-04	7.62E-04	7.19E-04	2.57E-07	7.77E-07	4.50E-07	4.61E-07	4.18E-07	1.91E-07	1.80E-07	8.60E-09	2.08E-07	4.58E-08	6.26E-08	9.93E-08	1.75E-08	9.44E-08	5.36E-07
1019	490136.7	3861285.1	7.54E-04	7.72E-04	7.29E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.93E-07	1.82E-07	8.72E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.77E-08	9.57E-08	5.43E-07
1020	490186.7	3861285.1	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
1021	490236.7	3861285.1	7.76E-04	7.95E-04	7.50E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.99E-07	1.88E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.83E-08	9.85E-08	5.59E-07
1022	490386.7	3861285.1	8.13E-04	8.33E-04	7.86E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.08E-07	1.97E-07	9.40E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.91E-08	1.03E-07	5.86E-07
1023	490436.7	3861285.1	8.26E-04	8.47E-04	7.98E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.12E-07	2.00E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.94E-08	1.05E-07	5.95E-07
1024	490486.7	3861285.1	8.40E-04	8.60E-04	8.11E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.15E-07	2.03E-07	9.71E-09	2.34E-07	5.17E-08	7.07E-08	1.12E-07	1.98E-08	1.07E-07	6.05E-07
1025	490536.7	3861285.1	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
1026	490586.7	3861285.1	8.71E-04	8.92E-04	8.41E-04	3.01E-07	9.10E-07	5.27E-07	5.40E-07	4.89E-07	2.23E-07	2.11E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.05E-08	1.10E-07	6.27E-07
1027	490636.7	3861285.1	8.86E-04	9.07E-04	8.56E-04	3.07E-07	9.26E-07	5.36E-07	5.49E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.46E-08	7.45E-08	1.18E-07	2.08E-08	1.12E-07	6.38E-07
1028	490686.7	3861285.1	9.00E-04	9.22E-04	8.70E-04	3.12E-07	9.41E-07	5.45E-07	5.58E-07	5.06E-07	2.31E-07	2.18E-07	1.04E-08	2.51E-07	5.55E-08	7.58E-08	1.20E-07	2.12E-08	1.14E-07	6.49E-07
1029	490736.7	3861285.1	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
1030	490786.7	3861285.1	9.36E-04	9.58E-04	9.04E-04	3.24E-07	9.78E-07	5.66E-07	5.80E-07	5.26E-07	2.40E-07	2.26E-07	1.08E-08	2.61E-07	5.77E-08	7.87E-08	1.25E-07	2.20E-08	1.19E-07	6.74E-07
1031	490836.7	3861285.1	9.53E-04	9.77E-04	9.21E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.44E-07	2.31E-07	1.10E-08	2.66E-07	5.87E-08	8.02E-08	1.27E-07	2.24E-08	1.21E-07	6.87E-07
1032	490061.2	3859716.1	8.06E-03	8.25E-03	7.78E-03	2.79E-06	8.42E-06	4.87E-06	4.99E-06	4.53E-06	2.07E-06	1.95E-06	9.31E-08	2.25E-06	4.96E-07	6.78E-07	1.08E-06	1.90E-07	1.02E-06	5.80E-06
1033	490111.2	3859716.1	9.76E-03	1.00E-02	9.43E-03	3.38E-06	1.02E-05	5.91E-06	6.05E-06	5.49E-06	2.50E-06	2.36E-06	1.13E-07	2.73E-06	6.02E-07	8.22E-07	1.30E-06	2.30E-07	1.24E-06	7.03E-06
1034	490161.2	3859716.1	1.22E-02	1.25E-02	1.18E-02	4.23E-06	1.28E-05	7.40E-06	7.58E-06	6.87E-06	3.14E-06	2.96E-06	1.41E-07	3.42E-06	7.54E-07	1.03E-06	1.63E-06	2.88E-07	1.55E-06	8.81E-06
1035	490211.2	3859716.1	1.60E-02	1.64E-02	1.54E-02	5.53E-06	1.67E-05	9.67E-06	9.90E-06	8.97E-06	4.09E-06	3.86E-06	1.85E-07	4.46E-06	9.84E-07	1.34E-06	2.13E-06	3.76E-07	2.03E-06	1.15E-05
1036	490061.2	3859766.1	5.67E-03	5.81E-03	5.48E-03	1.96E-06	5.93E-06	3.43E-06	3.51E-06	3.18E-06	1.45E-06	1.37E-06	6.55E-08	1.58E-06	3.49E-07	4.77E-07	7.57E-07	1.33E-07	7.19E-07	4.08E-06
1037	490111.2	3859766.1	6.46E-03	6.62E-03	6.24E-03	2.24E-06	6.75E-06	3.91E-06	4.00E-06	3.63E-06	1.66E-06	1.56E-06	7.47E-08	1.80E-06	3.98E-07	5.44E-07	8.62E-07	1.52E-07	8.20E-07	4.65E-06
1038	490161.2	3859766.1	7.48E-03	7.66E-03	7.22E-03	2.59E-06	7.81E-06	4.52E-06	4.63E-06	4.20E-06	1.92E-06	1.81E-06	8.64E-08	2.09E-06	4.61E-07	6.29E-07	9.98E-07	1.76E-07	9.49E-07	5.39E-06
1039	490211.2	3859766.1	8.86E-03	9.07E-03	8.56E-03	3.07E-06	9.26E-06	5.36E-06	5.49E-06	4.98E-06	2.27E-06	2.14E-06	1.02E-07	2.47E-06	5.46E-07	7.45E-07	1.18E-06	2.08E-07	1.12E-06	6.38E-06
1040	490061.2	3859816.1	4.38E-03	4.49E-03	4.23E-03	1.52E-06	4.58E-06	2.65E-06	2.72E-06	2.46E-06	1.12E-06	1.06E-06	5.07E-08	1.22E-06	2.70E-07	3.69E-07	5.85E-07	1.03E-07	5.56E-07	3.16E-06
1041	490111.2	3859816.1	4.83E-03	4.95E-03	4.67E-03	1.67E-06	5.05E-06	2.92E-06	2.99E-06	2.71E-06	1.24E-06	1.17E-06	5.58E-08	1.35E-06	2.98E-07	4.06E-07	6.45E-07	1.14E-07	6.13E-07	3.48E-06
1042	490161.2	3859816.1	5.38E-03	5.51E-03	5.19E-03	1.86E-06	5.62E-06	3.25E-06	3.33E-06	3.02E-06	1.38E-06	1.30E-06	6.22E-08	1.50E-06	3.31E-07	4.52E-07	7.18E-07	1.26E-07	6.82E-07	3.87E-06
1043	490211.2	3859816.1	6.05E-03	6.20E-03	5.85E-03	2.09E-06	6.32E-06	3.66E-06	3.75E-06	3.40E-06	1.55E-06	1.46E-06	6.99E-08	1.69E-06	3.73E-07	5.09E-07	8.08E-07	1.42E-07	7.68E-07	4.36E-06
1044	490061.2	3859866.1	3.59E-03	3.67E-03	3.46E-03	1.24E-06	3.75E-06	2.17E-06	2.22E-06	2.01E-06	9.19E-07	8.67E-07	4.15E-08	1.00E-06	2.21E-07	3.02E-07	4.79E-07	8.44E-08	4.55E-07	2.58E-06
1045	490111.2	3859866.1	3.88E-03	3.97E-03	3.74E-03	1.34E-06	4.05E-06	2.35E-06	2.40E-06	2.18E-06	9.93E-07	9.37E-07	4.48E-08	1.08E-06	2.39E-07	3.26E-07	5.17E-07	9.12E-08	4.92E-07	2.79E-06
1046	490161.2	3859866.1	4.22E-03	4.32E-03	4.07E-03	1.46E-06	4.41E-06	2.55E-06	2.61E-06	2.37E-06	1.08E-06	1.02E-06	4.87E-08	1.18E-06	2.60E-07	3.55E-07	5.63E-07	9.92E-08	5.35E-07	3.04E-06
1047	490211.2	3859866.1	4.62E-03	4.73E-03	4.46E-03	1.60E-06	4.83E-06	2.79E-06	2.86E-06	2.59E-06	1.18E-06	1.12E-06	5.34E-08	1.29E-06	2.85E-07	3.89E-07	6.16E-07	1.09E-07	5.86E-07	3.33E-06
1048	490061.2	3859916.1	3.05E-03	3.12E-03	2.94E-03	1.05E-06	3.18E-06	1.84E-06	1.89E-06	1.71E-06	7.81E-07	7.37E-07	3.52E-08	8.51E-07	1.88E-07	2.56E-07	4.07E-07	7.17E-08	3.87E-07	2.19E-06
1049	490111.2	3859916.1	3.25E-03	3.33E-03	3.14E-03	1.13E-06	3.40E-06	1.97E-06	2.01E-06	1.83E-06	8.33E-07	7.86E-07	3.76E-08	9.08E-07	2.00E-07	2.74E-07	4.34E-07	7.65E-08	4.13E-07	2.34E-06
1050	490161.2	3859916.1	3.48E-03	3.57E-03	3.36E-03	1.21E-06	3.64E-06	2.11E-06	2.16E-06	1.96E-06	8.92E-07	8.42E-07	4.02E-08	9.72E-07	2.15E-07	2.93E-07	4.65E-07	8.19E-08	4.42E-07	2.51E-06
1051	490211.2	3859916.1	3.74E-03	3.83E-03	3.62E-03	1.30E-06	3.91E-06	2.26E-06	2.32E-06	2.10E-06	9.59E-07	9.05E-07	4.33E-08	1.05E-06	2.31E-07	3.15E-07	5.00E-07	8.80E-08	4.75E-07	2.70E-06
1052	490229.3	3859815.3	6.38E-03	6.54E-03	6.17E-03	2.21E-06	6.67E-06	3.86E-06	3.96E-06	3.59E-06	1.64E-06	1.54E-06	7.38E-08	1.78E-06	3.93E-07	5.37E-07	8.52E-07	1.50E-07	8.10E-07	4.60E-06
1053	490279.3	3859815.3	7.34E-03	7.52E-03	7.10E-03	2.54E-06	7.68E-06	4.44E-06	4.55E-06	4.13E-06	1.88E-06	1.78E-06	8.49E-08	2.05E-06	4.52E-07	6.18E-07	9.80E-07	1.73E-07	9.32E-07	5.29E-06
1054	490329.3	3859815.3	8.62E-03	8.83E-03	8.33E-03	2.98E-06	9.01E-06	5.21E-06	5.34E-06	4.84E-06	2.21E-06	2.08E-06	9.96E-08	2.41E-06	5.31E-07	7.25E-07	1.15E-06	2.03E-07	1.09E-06	6.21E-06
1055	490379.3	3859815.3	1.05E-02	1.07E-02	1.01E-02	3.63E-06	1.10E-05	6.34E-06	6.49E-06	5.89E-06	2.69E-06	2.53E-06	1.21E-07	2.93E-06	6.46E-07	8.82E-07	1.40E-06	2.47E-07	1.33E-06	7.55E-06
1056	490429.3	3859815.3	1.34E-02	1.37E-02	1.29E-02	4.63E-06	1.40E-05	8.09E-06	8.28E-06	7.51E-06	3.43E-06	3.23E-06	1.54E-07	3.73E-06	8.23E-07	1.12E-06	1.78E-06	3.14E-07	1.70E-06	9.63E-06
1057	490229.3	3859865.3	4.80E-03	4.92E-03	4.64E-03	1.66E-06	5.02E-06	2.91E-06	2.98E-06	2.70E-06	1.23E-06	1.16E-06	5.55E-08	1.34E-06	2.96E-07	4.04E-07	6.41E-07	1.13E-07	6.09E-07	3.46E-06

1058	490279.3	3859865.3	5.32E-03	5.45E-03	5.14E-03	1.84E-06	5.56E-06	3.22E-06	3.30E-06	2.99E-06	1.36E-06	1.29E-06	6.15E-08	1.49E-06	3.28E-07	4.48E-07	7.10E-07	1.25E-07	6.75E-07	3.83E-06
1059	490329.3	3859865.3	5.96E-03	6.10E-03	5.76E-03	2.06E-06	6.23E-06	3.61E-06	3.69E-06	3.35E-06	1.53E-06	1.44E-06	6.89E-08	1.66E-06	3.67E-07	5.01E-07	7.95E-07	1.40E-07	7.56E-07	4.29E-06
1060	490379.3	3859865.3	6.79E-03	6.96E-03	6.56E-03	2.35E-06	7.10E-06	4.11E-06	4.21E-06	3.82E-06	1.74E-06	1.64E-06	7.85E-08	1.90E-06	4.19E-07	5.72E-07	9.07E-07	1.60E-07	8.62E-07	4.89E-06
1061	490429.3	3859865.3	7.90E-03	8.09E-03	7.64E-03	2.74E-06	8.26E-06	4.78E-06	4.90E-06	4.44E-06	2.03E-06	1.91E-06	9.14E-08	2.21E-06	4.87E-07	6.65E-07	1.05E-06	1.86E-07	1.00E-06	5.69E-06
1062	490229.3	3859915.3	3.86E-03	3.96E-03	3.73E-03	1.34E-06	4.04E-06	2.34E-06	2.39E-06	2.17E-06	9.90E-07	9.34E-07	4.46E-08	1.08E-06	2.38E-07	3.25E-07	5.16E-07	9.09E-08	4.90E-07	2.78E-06
1063	490279.3	3859915.3	4.18E-03	4.28E-03	4.04E-03	1.45E-06	4.37E-06	2.53E-06	2.59E-06	2.35E-06	1.07E-06	1.01E-06	4.83E-08	1.17E-06	2.58E-07	3.52E-07	5.58E-07	9.83E-08	5.30E-07	3.01E-06
1064	490329.3	3859915.3	4.56E-03	4.67E-03	4.41E-03	1.58E-06	4.77E-06	2.76E-06	2.83E-06	2.56E-06	1.17E-06	1.10E-06	5.28E-08	1.27E-06	2.81E-07	3.84E-07	6.09E-07	1.07E-07	5.79E-07	3.29E-06
1065	490379.3	3859915.3	5.03E-03	5.15E-03	4.86E-03	1.74E-06	5.26E-06	3.04E-06	3.12E-06	2.82E-06	1.29E-06	1.22E-06	5.81E-08	1.40E-06	3.10E-07	4.23E-07	6.71E-07	1.18E-07	6.38E-07	3.62E-06
1066	490429.3	3859915.3	5.60E-03	5.73E-03	5.41E-03	1.94E-06	5.85E-06	3.39E-06	3.47E-06	3.14E-06	1.43E-06	1.35E-06	6.47E-08	1.56E-06	3.45E-07	4.71E-07	7.47E-07	1.32E-07	7.10E-07	4.03E-06
1067	490451.4	3859872.6	7.99E-03	8.18E-03	7.72E-03	2.76E-06	8.35E-06	4.83E-06	4.95E-06	4.49E-06	2.05E-06	1.93E-06	9.23E-08	2.23E-06	4.92E-07	6.72E-07	1.07E-06	1.88E-07	1.01E-06	5.75E-06
1068	490501.4	3859872.6	9.60E-03	9.83E-03	9.27E-03	3.32E-06	1.00E-05	5.81E-06	5.95E-06	5.39E-06	2.46E-06	2.32E-06	1.11E-07	2.68E-06	5.91E-07	8.08E-07	1.28E-06	2.26E-07	1.22E-06	6.91E-06
1069	490551.4	3859872.6	1.21E-02	1.24E-02	1.17E-02	4.19E-06	1.26E-05	7.32E-06	7.50E-06	6.80E-06	3.10E-06	2.92E-06	1.40E-07	3.38E-06	7.45E-07	1.02E-06	1.61E-06	2.85E-07	1.53E-06	8.71E-06
1070	490601.4	3859872.6	1.61E-02	1.65E-02	1.55E-02	5.56E-06	1.68E-05	9.72E-06	9.96E-06	9.03E-06	4.12E-06	3.89E-06	1.86E-07	4.49E-06	9.90E-07	1.35E-06	2.15E-06	3.78E-07	2.04E-06	1.16E-05
1071	490451.4	3859922.6	5.64E-03	5.78E-03	5.45E-03	1.95E-06	5.90E-06	3.41E-06	3.50E-06	3.17E-06	1.45E-06	1.36E-06	6.52E-08	1.58E-06	3.48E-07	4.75E-07	7.53E-07	1.33E-07	7.16E-07	4.07E-06
1072	490501.4	3859922.6	6.39E-03	6.55E-03	6.18E-03	2.21E-06	6.68E-06	3.87E-06	3.96E-06	3.59E-06	1.64E-06	1.55E-06	7.39E-08	1.78E-06	3.94E-07	5.38E-07	8.53E-07	1.50E-07	8.11E-07	4.61E-06
1073	490551.4	3859922.6	7.42E-03	7.60E-03	7.17E-03	2.57E-06	7.75E-06	4.49E-06	4.60E-06	4.17E-06	1.90E-06	1.79E-06	8.58E-08	2.07E-06	4.57E-07	6.24E-07	9.90E-07	1.75E-07	9.41E-07	5.35E-06
1074	490601.4	3859922.6	8.85E-03	9.07E-03	8.55E-03	3.06E-06	9.25E-06	5.36E-06	5.49E-06	4.97E-06	2.27E-06	2.14E-06	1.02E-07	2.47E-06	5.46E-07	7.45E-07	1.18E-06	2.08E-07	1.12E-06	6.38E-06
1075	482129.7	3852241.1	1.05E-02	1.08E-02	1.02E-02	3.65E-06	1.10E-05	6.38E-06	6.53E-06	5.92E-06	2.70E-06	2.55E-06	1.22E-07	2.94E-06	6.49E-07	8.87E-07	1.41E-06	2.48E-07	1.34E-06	7.59E-06
1076	482029.7	3852291.1	1.97E-02	2.01E-02	1.90E-02	6.81E-06	2.06E-05	1.19E-05	1.22E-05	1.11E-05	5.04E-06	4.76E-06	2.27E-07	5.49E-06	1.21E-06	1.66E-06	2.63E-06	4.63E-07	2.50E-06	1.42E-05
1077	482079.7	3852291.1	1.53E-02	1.56E-02	1.47E-02	5.28E-06	1.59E-05	9.23E-06	9.45E-06	8.57E-06	3.91E-06	3.69E-06	1.76E-07	4.26E-06	9.40E-07	1.28E-06	2.04E-06	3.59E-07	1.94E-06	1.10E-05
1078	482129.7	3852291.1	1.24E-02	1.27E-02	1.20E-02	4.29E-06	1.30E-05	7.50E-06	7.68E-06	6.97E-06	3.18E-06	3.00E-06	1.43E-07	3.46E-06	7.64E-07	1.04E-06	1.66E-06	2.92E-07	1.57E-06	8.93E-06
1079	482179.7	3852291.1	1.03E-02	1.06E-02	9.97E-03	3.57E-06	1.08E-05	6.24E-06	6.39E-06	5.80E-06	2.64E-06	2.49E-06	1.19E-07	2.88E-06	6.36E-07	8.68E-07	1.38E-06	2.43E-07	1.31E-06	7.43E-06
1080	482229.7	3852291.1	8.73E-03	8.94E-03	8.44E-03	3.02E-06	9.13E-06	5.28E-06	5.41E-06	4.91E-06	2.24E-06	2.11E-06	1.01E-07	2.44E-06	5.38E-07	7.35E-07	1.17E-06	2.05E-07	1.11E-06	6.29E-06
1081	482029.7	3852341.1	2.71E-02	2.78E-02	2.62E-02	9.39E-06	2.84E-05	1.64E-05	1.68E-05	1.52E-05	6.96E-06	6.56E-06	3.14E-07	7.58E-06	1.67E-06	2.28E-06	3.62E-06	6.38E-07	3.44E-06	1.95E-05
1082	482079.7	3852341.1	1.95E-02	2.00E-02	1.88E-02	6.75E-06	2.04E-05	1.18E-05	1.21E-05	1.10E-05	5.00E-06	4.71E-06	2.25E-07	5.44E-06	1.20E-06	1.64E-06	2.60E-06	4.59E-07	2.47E-06	1.40E-05
1083	482129.7	3852341.1	1.51E-02	1.55E-02	1.46E-02	5.24E-06	1.58E-05	9.16E-06	9.38E-06	8.50E-06	3.88E-06	3.66E-06	1.75E-07	4.23E-06	9.33E-07	1.27E-06	2.02E-06	3.56E-07	1.92E-06	1.09E-05
1084	482179.7	3852341.1	1.23E-02	1.26E-02	1.18E-02	4.24E-06	1.28E-05	7.42E-06	7.60E-06	6.88E-06	3.14E-06	2.96E-06	1.42E-07	3.42E-06	7.55E-07	1.03E-06	1.64E-06	2.88E-07	1.56E-06	8.83E-06
1085	482259.1	3852400.1	1.16E-02	1.18E-02	1.12E-02	4.00E-06	1.21E-05	7.00E-06	7.17E-06	6.50E-06	2.96E-06	2.80E-06	1.34E-07	3.23E-06	7.12E-07	9.73E-07	1.54E-06	2.72E-07	1.47E-06	8.33E-06
1086	482309.1	3852400.1	9.55E-03	9.79E-03	9.23E-03	3.31E-06	9.99E-06	5.78E-06	5.92E-06	5.37E-06	2.45E-06	2.31E-06	1.10E-07	2.67E-06	5.89E-07	8.04E-07	1.28E-06	2.25E-07	1.21E-06	6.88E-06
1087	482209.1	3852450.1	1.73E-02	1.77E-02	1.67E-02	6.00E-06	1.81E-05	1.05E-05	1.07E-05	9.73E-06	4.44E-06	4.19E-06	2.00E-07	4.84E-06	1.07E-06	1.46E-06	2.31E-06	4.07E-07	2.20E-06	1.25E-05
1088	482259.1	3852450.1	1.38E-02	1.41E-02	1.33E-02	4.78E-06	1.44E-05	8.35E-06	8.56E-06	7.76E-06	3.54E-06	3.34E-06	1.60E-07	3.86E-06	8.51E-07	1.16E-06	1.84E-06	3.25E-07	1.75E-06	9.95E-06
1089	482309.1	3852450.1	1.13E-02	1.15E-02	1.09E-02	3.90E-06	1.18E-05	6.82E-06	6.99E-06	6.33E-06	2.89E-06	2.73E-06	1.30E-07	3.15E-06	6.95E-07	9.49E-07	1.51E-06	2.65E-07	1.43E-06	8.12E-06
1090	482209.1	3852500.1	2.28E-02	2.34E-02	2.20E-02	7.90E-06	2.38E-05	1.38E-05	1.41E-05	1.28E-05	5.85E-06	5.52E-06	2.64E-07	6.37E-06	1.41E-06	1.92E-06	3.05E-06	5.37E-07	2.90E-06	1.64E-05
1091	482259.1	3852500.1	1.72E-02	1.76E-02	1.66E-02	5.94E-06	1.79E-05	1.04E-05	1.06E-05	9.64E-06	4.40E-06	4.15E-06	1.98E-07	4.79E-06	1.06E-06	1.44E-06	2.29E-06	4.04E-07	2.18E-06	1.24E-05
1092	482309.1	3852500.1	1.36E-02	1.39E-02	1.31E-02	4.70E-06	1.42E-05	8.22E-06	8.42E-06	7.63E-06	3.48E-06	3.28E-06	1.57E-07	3.79E-06	8.37E-07	1.14E-06	1.81E-06	3.19E-07	1.72E-06	9.78E-06
1093	482283.9	3852513.6	1.62E-02	1.66E-02	1.56E-02	5.60E-06	1.69E-05	9.78E-06	1.00E-05	9.08E-06	4.15E-06	3.91E-06	1.87E-07	4.52E-06	9.96E-07	1.36E-06	2.16E-06	3.80E-07	2.05E-06	1.17E-05
1094	482333.9	3852513.6	1.30E-02	1.33E-02	1.25E-02	4.49E-06	1.36E-05	7.85E-06	8.04E-06	7.29E-06	3.33E-06	3.14E-06	1.50E-07	3.62E-06	7.99E-07	1.09E-06	1.73E-06	3.05E-07	1.65E-06	9.35E-06
1095	482283.9	3852563.6	2.10E-02	2.15E-02	2.03E-02	7.26E-06	2.19E-05	1.27E-05	1.30E-05	1.18E-05	5.37E-06	5.07E-06	2.42E-07	5.85E-06	1.29E-06	1.76E-06	2.80E-06	4.93E-07	2.66E-06	1.51E-05
1096	482333.9	3852563.6	1.61E-02	1.65E-02	1.55E-02	5.57E-06	1.68E-05	9.73E-06	9.97E-06	9.04E-06	4.12E-06	3.89E-06	1.86E-07	4.49E-06	9.91E-07	1.35E-06	2.15E-06	3.78E-07	2.04E-06	1.16E-05
1097	482383.9	3852563.6	1.30E-02	1.33E-02	1.26E-02	4.50E-06	1.36E-05	7.86E-06	8.05E-06	7.30E-06	3.33E-06	3.14E-06	1.50E-07	3.63E-06	8.01E-07	1.09E-06	1.73E-06	3.06E-07	1.65E-06	9.36E-06
1098	482283.9	3852613.6	2.91E-02	2.98E-02	2.81E-02	1.01E-05	3.04E-05	1.76E-05	1.80E-05	1.64E-05	7.46E-06	7.04E-06	3.36E-07	8.13E-06	1.79E-06	2.45E-06	3.89E-06	6.85E-07	3.69E-06	2.10E-05
1099	482333.9	3852613.6	2.08E-02	2.13E-02	2.01E-02	7.19E-06	2.17E-05	1.26E-05	1.29E-05	1.17E-05	5.32E-06	5.02E-06	2.40E-07	5.80E-06	1.28E-06	1.75E-06	2.77E-06	4.88E-07	2.63E-06	1.50E-05
1100	482383.9	3852613.6	1.60E-02	1.64E-02	1.55E-02	5.54E-06	1.67E-05	9.68E-06	9.91E-06	8.99E-06	4.10E-06	3.87E-06	1.85E-07	4.47E-06	9.86E-07	1.35E-06	2.14E-06	3.76E-07	2.03E-06	1.15E-05
1101	482602.4	3852600.9	7.26E-03	7.43E-03	7.01E-03	2.51E-06	7.59E-06	4.39E-06	4.50E-06	4.08E-06	1.86E-06	1.75E-06	8.39E-08	2.03E-06	4.47E-07	6.11E-07	9.69E-07	1.71E-07	9.21E-07	5.23E-06
1102	482652.4	3852600.9	6.48E-03	6.63E-03	6.26E-03	2.24E-06	6.77E-06	3.92E-06	4.01E-06	3.64E-06	1.66E-06	1.57E-06	7.49E-08	1.81E-06	3.99E-07	5.45E-07	8.65E-07	1.52E-07	8.22E-07	4.67E-06
1103	482702.4	3852600.9	5.66E-03	5.80E-03	5.47E-03	1.96E-06	5.92E-06	3.42E-06	3.51E-06	3.18E-06	1.45E-06	1.37E-06	6.54E-08	1.58E-06	3.49E-07	4.76E-07	7.55E-07	1.33E-07	7.18E-07	4.08E-06
1104	482552.4	3852650.9	9.56E-03	9.79E-03	9.24E-03	3.31E-06	9.99E-06	5.79E-06	5.93E-06	5.37E-06	2.45E-06	2.31E-06	1.11E-07	2.67E-06	5.89E-07	8.05E-07	1.28E-06	2.25E-07	1.21E-06	6.89E-06
1105	482602.4	3852650.9	8.24E-03	8.44E-03	7.96E-03	2.85E-06	8.62E-06	4.99E-06	5.11E-06	4.63E-06	2.11E-06	1.99E-06	9.53E-08	2.30E-06	5.08E-07	6.94E-07	1.10E-06	1.94E-07	1.05E-06	5.94E-06
1106	482652.4	3852650.9	7.28E-03	7.46E-03	7.04E-03	2.52E-06	7.61E-06	4.41E-06	4.51E-06	4.09E-06	1.87E-06	1.76E-06	8.42E-08	2.03E-06	4.49E-07	6.13E-07	9.72E-07	1.71E-07	9.24E-07	5.25E-06
1107	482702.4	3852650.9	6.52E-03	6.67E-03	6.30E-03	2.26E-06	6.81E-06	3.94E-06	4.04E-06	3.66E-06	1.67E-06	1.58E-06	7.53E-08	1.82E-06	4.01E-07	5.48E-07	8.70E-07	1.53E-07	8.27E-07	4.69E-06
1108	482552.4	3852700.9	1.12E-02	1.15E-02	1.09E-02	3.89E-06	1.18E-05	6.81E-06	6.97E-06	6.32E-06	2.88E-06	2.72E-06	1.30E-07	3.14E-06	6.93E-07	9.46E-07	1.50E-06	2.65E-07	1.43E-06	8.10E-06
1109	482602.4	3852700.9	9.62E-03	9.85E-03	9.29E-03	3.33E-06	1.01E-05	5.82E-06	5.96E-06	5.40E-06	2.47E-06	2.33E-06	1.11E-07	2.69E-06	5.93E-07	8.09E-07	1.28E-06	2.26E-07	1.22E-06	6.93E-06
1110	482652.4	3852700.9	8.50E-03	8.71E-03	8.21E-03	2.94E-06	8.88E-06	5.14E-06	5.27E-06	4.77E-06	2.18E-06	2.06E-06	9.82E-08	2.37E-06	5.24E-07	7.15E-07	1.13E-06	2.00E-07	1.08E-06	6.12E-06
1111	482702.4	3852700.9	7.41E-03	7.59E-03	7.16E-03	2.56E-06	7.74E-06	4.48E-06	4.59E-06	4.16E-06	1.90E-06	1.79E-06	8.56E-08	2.07E-06	4.56E-07	6.23E-07	9.89E-07	1.74E-07	9.40E-07	5.34E-06
1112	482452.4	3852750.9	2.26E-02	2.32E-02	2.18E-02	7.83E-06	2.36E-05	1.37E-05	1.40E-05	1.27E-05	5.80E-06	5.47E-06	2.61E-07	6.31E-06	1.39E-06	1.90E-06	3.02E-06	5.32E-07	2.87E-06	1.63E-05
1113	482521.3	3852749.7	1.54E-02	1.58E-02	1.49E-02	5.33E-06	1.61E-05	9.32E-06	9.55E-06	8.65E-06	3.95E-06	3.72E-06	1.78E-07	4.30E-06	9.49E-07	1.30E-06	2.06E-06	3.62E-07	1.95E-06	1.11E-05

1114	482571.3	3852749.7	1.25E-02	1.28E-02	1.21E-02	4.33E-06	1.31E-05	7.58E-06	7.76E-06	7.04E-06	3.21E-06	3.03E-06	1.45E-07	3.50E-06	7.72E-07	1.05E-06	1.67E-06	2.95E-07	1.59E-06	9.02E-06
1115	482521.3	3852799.7	1.98E-02	2.03E-02	1.91E-02	6.86E-06	2.07E-05	1.20E-05	1.23E-05	1.11E-05	5.08E-06	4.79E-06	2.29E-07	5.53E-06	1.22E-06	1.67E-06	2.65E-06	4.66E-07	2.52E-06	1.43E-05
1116	482571.3	3852799.7	1.53E-02	1.57E-02	1.48E-02	5.31E-06	1.60E-05	9.28E-06	9.51E-06	8.62E-06	3.93E-06	3.71E-06	1.77E-07	4.28E-06	9.45E-07	1.29E-06	2.05E-06	3.61E-07	1.95E-06	1.11E-05
1117	482621.3	3852799.7	1.24E-02	1.27E-02	1.20E-02	4.31E-06	1.30E-05	7.53E-06	7.71E-06	6.99E-06	3.19E-06	3.01E-06	1.44E-07	3.48E-06	7.67E-07	1.05E-06	1.66E-06	2.93E-07	1.58E-06	8.97E-06
1118	482571.3	3852849.7	1.96E-02	2.01E-02	1.89E-02	6.78E-06	2.05E-05	1.18E-05	1.21E-05	1.10E-05	5.02E-06	4.73E-06	2.26E-07	5.47E-06	1.21E-06	1.65E-06	2.61E-06	4.61E-07	2.48E-06	1.41E-05
1119	482621.3	3852849.7	1.51E-02	1.54E-02	1.46E-02	5.22E-06	1.58E-05	9.12E-06	9.34E-06	8.47E-06	3.86E-06	3.64E-06	1.74E-07	4.21E-06	9.29E-07	1.27E-06	2.01E-06	3.55E-07	1.91E-06	1.09E-05
1120	482577.4	3852901.6	2.58E-02	2.65E-02	2.50E-02	8.94E-06	2.70E-05	1.56E-05	1.60E-05	1.45E-05	6.62E-06	6.25E-06	2.99E-07	7.21E-06	1.59E-06	2.17E-06	3.45E-06	6.08E-07	3.28E-06	1.86E-05
1121	482627.4	3852901.6	1.86E-02	1.90E-02	1.79E-02	6.43E-06	1.94E-05	1.12E-05	1.15E-05	1.04E-05	4.76E-06	4.49E-06	2.15E-07	5.19E-06	1.14E-06	1.56E-06	2.48E-06	4.37E-07	2.36E-06	1.34E-05
1122	482630	3852955.9	2.53E-02	2.59E-02	2.44E-02	8.75E-06	2.64E-05	1.53E-05	1.57E-05	1.42E-05	6.48E-06	6.11E-06	2.92E-07	7.06E-06	1.56E-06	2.13E-06	3.37E-06	5.94E-07	3.21E-06	1.82E-05
1123	482680	3852955.9	1.81E-02	1.85E-02	1.74E-02	6.25E-06	1.89E-05	1.09E-05	1.12E-05	1.01E-05	4.63E-06	4.37E-06	2.09E-07	5.04E-06	1.11E-06	1.52E-06	2.41E-06	4.25E-07	2.29E-06	1.30E-05
1124	482781.6	3853034.5	1.33E-02	1.36E-02	1.29E-02	4.61E-06	1.39E-05	8.06E-06	8.25E-06	7.48E-06	3.41E-06	3.22E-06	1.54E-07	3.72E-06	8.20E-07	1.12E-06	1.78E-06	3.13E-07	1.69E-06	9.59E-06
1125	482831.6	3853034.5	1.07E-02	1.10E-02	1.04E-02	3.71E-06	1.12E-05	6.49E-06	6.64E-06	6.02E-06	2.75E-06	2.59E-06	1.24E-07	2.99E-06	6.60E-07	9.02E-07	1.43E-06	2.52E-07	1.36E-06	7.72E-06
1126	482881.6	3853034.5	8.89E-03	9.11E-03	8.59E-03	3.08E-06	9.29E-06	5.38E-06	5.51E-06	5.00E-06	2.28E-06	2.15E-06	1.03E-07	2.48E-06	5.48E-07	7.48E-07	1.19E-06	2.09E-07	1.13E-06	6.41E-06
1127	482781.6	3853084.5	1.51E-02	1.54E-02	1.45E-02	5.21E-06	1.57E-05	9.11E-06	9.33E-06	8.46E-06	3.86E-06	3.64E-06	1.74E-07	4.20E-06	9.28E-07	1.27E-06	2.01E-06	3.54E-07	1.91E-06	1.08E-05
1128	482831.6	3853084.5	1.18E-02	1.21E-02	1.14E-02	4.09E-06	1.23E-05	7.15E-06	7.32E-06	6.64E-06	3.03E-06	2.86E-06	1.37E-07	3.30E-06	7.28E-07	9.94E-07	1.58E-06	2.78E-07	1.50E-06	8.51E-06
1129	482881.6	3853084.5	9.73E-03	9.97E-03	9.40E-03	3.37E-06	1.02E-05	5.89E-06	6.03E-06	5.47E-06	2.50E-06	2.35E-06	1.13E-07	2.72E-06	6.00E-07	8.19E-07	1.30E-06	2.29E-07	1.24E-06	7.01E-06
1130	482781.6	3853134.5	1.76E-02	1.80E-02	1.70E-02	6.08E-06	1.84E-05	1.06E-05	1.09E-05	9.86E-06	4.50E-06	4.25E-06	2.03E-07	4.90E-06	1.08E-06	1.48E-06	2.34E-06	4.13E-07	2.23E-06	1.26E-05
1131	482831.6	3853134.5	1.33E-02	1.36E-02	1.28E-02	4.60E-06	1.39E-05	8.04E-06	8.23E-06	7.46E-06	3.40E-06	3.21E-06	1.54E-07	3.71E-06	8.18E-07	1.12E-06	1.77E-06	3.12E-07	1.69E-06	9.57E-06
1132	482881.6	3853134.5	1.07E-02	1.10E-02	1.04E-02	3.71E-06	1.12E-05	6.49E-06	6.65E-06	6.03E-06	2.75E-06	2.59E-06	1.24E-07	3.00E-06	6.61E-07	9.03E-07	1.43E-06	2.52E-07	1.36E-06	7.73E-06
1133	482831.6	3853184.5	1.52E-02	1.56E-02	1.47E-02	5.28E-06	1.59E-05	9.22E-06	9.45E-06	8.56E-06	3.91E-06	3.69E-06	1.76E-07	4.26E-06	9.39E-07	1.28E-06	2.03E-06	3.59E-07	1.93E-06	1.10E-05
1134	482881.6	3853184.5	1.19E-02	1.22E-02	1.15E-02	4.13E-06	1.25E-05	7.22E-06	7.39E-06	6.70E-06	3.06E-06	2.88E-06	1.38E-07	3.33E-06	7.35E-07	1.00E-06	1.59E-06	2.81E-07	1.51E-06	8.59E-06
1135	484154.8	3854251	1.85E-03	1.89E-03	1.78E-03	6.39E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.73E-07	4.46E-07	2.13E-08	5.16E-07	1.14E-07	1.55E-07	2.46E-07	4.34E-08	2.34E-07	1.33E-06
1136	484204.8	3854251	1.79E-03	1.83E-03	1.73E-03	6.19E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.59E-07	4.33E-07	2.07E-08	4.99E-07	1.10E-07	1.51E-07	2.39E-07	4.21E-08	2.27E-07	1.29E-06
1137	484154.8	3854301	1.83E-03	1.87E-03	1.77E-03	6.33E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.69E-07	4.42E-07	2.11E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.30E-08	2.32E-07	1.32E-06
1138	484204.8	3854301	1.78E-03	1.83E-03	1.72E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.57E-07	4.31E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.19E-08	2.26E-07	1.28E-06
1139	484074.2	3854519.8	2.02E-03	2.07E-03	1.95E-03	6.99E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.18E-07	4.88E-07	2.33E-08	5.64E-07	1.24E-07	1.70E-07	2.69E-07	4.75E-08	2.56E-07	1.45E-06
1140	484124.2	3854519.8	1.94E-03	1.99E-03	1.87E-03	6.71E-07	2.03E-06	1.17E-06	1.20E-06	1.09E-06	4.97E-07	4.69E-07	2.24E-08	5.41E-07	1.19E-07	1.63E-07	2.59E-07	4.56E-08	2.46E-07	1.40E-06
1141	484074.2	3854569.8	2.07E-03	2.12E-03	2.00E-03	7.16E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.30E-07	5.00E-07	2.39E-08	5.78E-07	1.27E-07	1.74E-07	2.76E-07	4.87E-08	2.63E-07	1.49E-06
1142	484124.2	3854569.8	1.97E-03	2.02E-03	1.91E-03	6.84E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	5.06E-07	4.77E-07	2.28E-08	5.51E-07	1.22E-07	1.66E-07	2.64E-07	4.65E-08	2.51E-07	1.42E-06
1143	485205.1	3855188.9	1.86E-03	1.90E-03	1.80E-03	6.44E-07	1.94E-06	1.13E-06	1.15E-06	1.04E-06	4.77E-07	4.50E-07	2.15E-08	5.19E-07	1.15E-07	1.56E-07	2.48E-07	4.37E-08	2.36E-07	1.34E-06
1144	485255.1	3855188.9	1.79E-03	1.84E-03	1.73E-03	6.21E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.60E-07	4.34E-07	2.07E-08	5.01E-07	1.11E-07	1.51E-07	2.40E-07	4.22E-08	2.28E-07	1.29E-06
1145	485205.1	3855238.9	1.90E-03	1.95E-03	1.84E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.87E-07	4.60E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.47E-08	2.41E-07	1.37E-06
1146	485255.1	3855238.9	1.86E-03	1.90E-03	1.79E-03	6.42E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.76E-07	4.49E-07	2.14E-08	5.18E-07	1.14E-07	1.56E-07	2.48E-07	4.36E-08	2.35E-07	1.34E-06
1147	485205.1	3855288.9	2.01E-03	2.06E-03	1.94E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.16E-07	4.86E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.69E-07	4.73E-08	2.55E-07	1.45E-06
1148	485255.1	3855288.9	1.95E-03	2.00E-03	1.88E-03	6.75E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.00E-07	4.72E-07	2.26E-08	5.45E-07	1.20E-07	1.64E-07	2.60E-07	4.59E-08	2.48E-07	1.41E-06
1149	485255.1	3855338.9	2.06E-03	2.11E-03	1.99E-03	7.12E-07	2.15E-06	1.24E-06	1.28E-06	1.16E-06	5.27E-07	4.97E-07	2.38E-08	5.74E-07	1.27E-07	1.73E-07	2.75E-07	4.84E-08	2.61E-07	1.48E-06
1150	485305.1	3855338.9	1.99E-03	2.04E-03	1.92E-03	6.88E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	5.10E-07	4.81E-07	2.30E-08	5.55E-07	1.22E-07	1.67E-07	2.65E-07	4.68E-08	2.52E-07	1.43E-06
1151	485852.5	3855635.3	1.89E-03	1.94E-03	1.83E-03	6.55E-07	1.98E-06	1.15E-06	1.17E-06	1.06E-06	4.85E-07	4.58E-07	2.19E-08	5.29E-07	1.17E-07	1.59E-07	2.53E-07	4.45E-08	2.40E-07	1.36E-06
1152	485902.5	3855635.3	1.83E-03	1.88E-03	1.77E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.70E-07	4.44E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.32E-08	2.33E-07	1.32E-06
1153	485852.5	3855685.3	1.96E-03	2.01E-03	1.89E-03	6.78E-07	2.05E-06	1.19E-06	1.21E-06	1.10E-06	5.02E-07	4.74E-07	2.26E-08	5.47E-07	1.21E-07	1.65E-07	2.61E-07	4.61E-08	2.49E-07	1.41E-06
1154	485902.5	3855685.3	1.89E-03	1.94E-03	1.83E-03	6.55E-07	1.98E-06	1.15E-06	1.17E-06	1.06E-06	4.85E-07	4.58E-07	2.19E-08	5.29E-07	1.17E-07	1.59E-07	2.53E-07	4.45E-08	2.40E-07	1.36E-06
1155	485852.5	3855735.3	2.03E-03	2.08E-03	1.96E-03	7.01E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.19E-07	4.90E-07	2.34E-08	5.66E-07	1.25E-07	1.71E-07	2.70E-07	4.77E-08	2.57E-07	1.46E-06
1156	485902.5	3855735.3	1.97E-03	2.01E-03	1.90E-03	6.81E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	5.04E-07	4.76E-07	2.27E-08	5.49E-07	1.21E-07	1.66E-07	2.63E-07	4.63E-08	2.50E-07	1.42E-06
1157	485852.5	3855785.3	2.11E-03	2.16E-03	2.04E-03	7.31E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.41E-07	5.10E-07	2.44E-08	5.89E-07	1.30E-07	1.78E-07	2.82E-07	4.96E-08	2.68E-07	1.52E-06
1158	485902.5	3855785.3	2.03E-03	2.08E-03	1.96E-03	7.03E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.21E-07	4.91E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.78E-08	2.58E-07	1.46E-06
1159	486809.5	3856465.3	2.01E-03	2.06E-03	1.94E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.16E-07	4.86E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.69E-07	4.73E-08	2.55E-07	1.45E-06
1160	486859.5	3856465.3	1.98E-03	2.03E-03	1.91E-03	6.85E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	5.07E-07	4.79E-07	2.29E-08	5.53E-07	1.22E-07	1.67E-07	2.64E-07	4.66E-08	2.51E-07	1.43E-06
1161	486909.5	3856465.3	1.95E-03	1.99E-03	1.88E-03	6.73E-07	2.03E-06	1.18E-06	1.21E-06	1.09E-06	4.99E-07	4.70E-07	2.25E-08	5.43E-07	1.20E-07	1.64E-07	2.60E-07	4.58E-08	2.47E-07	1.40E-06
1162	486809.5	3856515.3	2.08E-03	2.13E-03	2.01E-03	7.19E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.32E-07	5.02E-07	2.40E-08	5.80E-07	1.28E-07	1.75E-07	2.77E-07	4.88E-08	2.64E-07	1.50E-06
1163	486859.5	3856515.3	2.05E-03	2.10E-03	1.98E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.25E-07	4.95E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.82E-08	2.60E-07	1.47E-06
1164	486909.5	3856515.3	2.01E-03	2.06E-03	1.94E-03	6.97E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.16E-07	4.87E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.69E-07	4.74E-08	2.55E-07	1.45E-06
1165	486980.9	3856358	1.79E-03	1.83E-03	1.73E-03	6.19E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.58E-07	4.32E-07	2.07E-08	4.99E-07	1.10E-07	1.50E-07	2.39E-07	4.20E-08	2.27E-07	1.29E-06
1166	487030.9	3856358	1.76E-03	1.80E-03	1.70E-03	6.10E-07	1.84E-06	1.07E-06	1.09E-06	9.90E-07	4.52E-07	4.26E-07	2.04E-08	4.92E-07	1.09E-07	1.48E-07	2.35E-07	4.15E-08	2.24E-07	1.27E-06
1167	486980.9	3856408	1.84E-03	1.89E-03	1.78E-03	6.38E-07	1.93E-06	1.11E-06	1.14E-06	1.03E-06	4.72E-07	4.45E-07	2.13E-08	5.14E-07	1.13E-07	1.55E-07	2.46E-07	4.33E-08	2.34E-07	1.33E-06
1168	487030.9	3856408	1.81E-03	1.86E-03	1.75E-03	6.28E-07	1.90E-06	1.10E-06	1.12E-06	1.02E-06	4.65E-07	4.39E-07	2.10E-08	5.06E-07	1.12E-07	1.53E-07	2.42E-07	4.27E-08	2.30E-07	1.31E-06
1169	487447.2	3856437.5	1.66E-03	1.70E-03	1.60E-03	5.75E-07	1.74E-06	1.00E-06	1.03E-06	9.33E-07	4.26E-07	4.01E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.91E-08	2.11E-07	1.20E-06

1170	487497.2	3856437.5	1.64E-03	1.68E-03	1.59E-03	5.69E-07	1.72E-06	9.94E-07	1.02E-06	9.23E-07	4.21E-07	3.97E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.19E-07	3.86E-08	2.08E-07	1.18E-06
1171	487547.2	3856437.5	1.63E-03	1.67E-03	1.57E-03	5.64E-07	1.70E-06	9.85E-07	1.01E-06	9.15E-07	4.17E-07	3.94E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.83E-08	2.07E-07	1.17E-06
1172	487447.2	3856487.5	1.70E-03	1.74E-03	1.65E-03	5.90E-07	1.78E-06	1.03E-06	1.06E-06	9.57E-07	4.37E-07	4.12E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.27E-07	4.01E-08	2.16E-07	1.23E-06
1173	487497.2	3856487.5	1.68E-03	1.72E-03	1.63E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.46E-07	4.32E-07	4.07E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.96E-08	2.14E-07	1.21E-06
1174	487547.2	3856487.5	1.67E-03	1.71E-03	1.61E-03	5.77E-07	1.74E-06	1.01E-06	1.03E-06	9.37E-07	4.28E-07	4.03E-07	1.93E-08	4.66E-07	1.03E-07	1.40E-07	2.23E-07	3.92E-08	2.12E-07	1.20E-06
1175	487447.2	3856537.5	1.75E-03	1.79E-03	1.69E-03	6.05E-07	1.83E-06	1.06E-06	1.08E-06	9.83E-07	4.48E-07	4.23E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.11E-08	2.22E-07	1.26E-06
1176	487497.2	3856537.5	1.73E-03	1.77E-03	1.67E-03	5.98E-07	1.80E-06	1.04E-06	1.07E-06	9.70E-07	4.43E-07	4.18E-07	2.00E-08	4.82E-07	1.06E-07	1.45E-07	2.30E-07	4.06E-08	2.19E-07	1.24E-06
1177	487547.2	3856537.5	1.71E-03	1.75E-03	1.65E-03	5.92E-07	1.79E-06	1.03E-06	1.06E-06	9.61E-07	4.38E-07	4.14E-07	1.98E-08	4.78E-07	1.05E-07	1.44E-07	2.28E-07	4.02E-08	2.17E-07	1.23E-06
1178	489285.9	3858826.5	7.86E-03	8.05E-03	7.59E-03	2.72E-06	8.21E-06	4.75E-06	4.87E-06	4.41E-06	2.01E-06	1.90E-06	9.08E-08	2.19E-06	4.84E-07	6.61E-07	1.05E-06	1.85E-07	9.97E-07	5.66E-06
1179	489335.9	3858826.5	7.32E-03	7.50E-03	7.07E-03	2.53E-06	7.65E-06	4.43E-06	4.54E-06	4.11E-06	1.88E-06	1.77E-06	8.46E-08	2.04E-06	4.51E-07	6.16E-07	9.77E-07	1.72E-07	9.29E-07	5.27E-06
1180	489385.9	3858826.5	6.85E-03	7.01E-03	6.61E-03	2.37E-06	7.16E-06	4.14E-06	4.24E-06	3.85E-06	1.76E-06	1.66E-06	7.91E-08	1.91E-06	4.22E-07	5.76E-07	9.14E-07	1.61E-07	8.69E-07	4.93E-06
1181	489435.9	3858826.5	6.44E-03	6.59E-03	6.22E-03	2.23E-06	6.73E-06	3.90E-06	3.99E-06	3.62E-06	1.65E-06	1.56E-06	7.44E-08	1.80E-06	3.97E-07	5.42E-07	8.59E-07	1.51E-07	8.17E-07	4.64E-06
1182	489485.9	3858826.5	6.08E-03	6.23E-03	5.87E-03	2.10E-06	6.36E-06	3.68E-06	3.77E-06	3.42E-06	1.56E-06	1.47E-06	7.03E-08	1.70E-06	3.75E-07	5.12E-07	8.12E-07	1.43E-07	7.72E-07	4.38E-06
1183	489535.9	3858826.5	5.76E-03	5.90E-03	5.57E-03	2.00E-06	6.02E-06	3.49E-06	3.57E-06	3.24E-06	1.48E-06	1.39E-06	6.66E-08	1.61E-06	3.55E-07	4.85E-07	7.69E-07	1.36E-07	7.31E-07	4.15E-06
1184	489585.9	3858826.5	5.48E-03	5.61E-03	5.29E-03	1.90E-06	5.73E-06	3.32E-06	3.40E-06	3.08E-06	1.40E-06	1.32E-06	6.33E-08	1.53E-06	3.38E-07	4.61E-07	7.31E-07	1.29E-07	6.95E-07	3.95E-06
1185	489635.9	3858826.5	5.23E-03	5.35E-03	5.05E-03	1.81E-06	5.46E-06	3.16E-06	3.24E-06	2.94E-06	1.34E-06	1.26E-06	6.04E-08	1.46E-06	3.22E-07	4.40E-07	6.98E-07	1.23E-07	6.63E-07	3.77E-06
1186	489685.9	3858826.5	4.99E-03	5.12E-03	4.83E-03	1.73E-06	5.22E-06	3.02E-06	3.10E-06	2.81E-06	1.28E-06	1.21E-06	5.77E-08	1.39E-06	3.08E-07	4.20E-07	6.67E-07	1.17E-07	6.34E-07	3.60E-06
1187	489735.9	3858826.5	4.78E-03	4.90E-03	4.62E-03	1.66E-06	5.00E-06	2.89E-06	2.96E-06	2.69E-06	1.23E-06	1.16E-06	5.53E-08	1.34E-06	2.95E-07	4.02E-07	6.38E-07	1.12E-07	6.07E-07	3.44E-06
1188	489785.9	3858826.5	4.59E-03	4.70E-03	4.44E-03	1.59E-06	4.80E-06	2.78E-06	2.85E-06	2.58E-06	1.18E-06	1.11E-06	5.31E-08	1.28E-06	2.83E-07	3.86E-07	6.13E-07	1.08E-07	5.83E-07	3.31E-06
1189	489835.9	3858826.5	4.41E-03	4.52E-03	4.26E-03	1.53E-06	4.61E-06	2.67E-06	2.73E-06	2.48E-06	1.13E-06	1.07E-06	5.10E-08	1.23E-06	2.72E-07	3.71E-07	5.89E-07	1.04E-07	5.60E-07	3.18E-06
1190	489885.9	3858826.5	4.25E-03	4.35E-03	4.11E-03	1.47E-06	4.44E-06	2.57E-06	2.63E-06	2.39E-06	1.09E-06	1.03E-06	4.91E-08	1.19E-06	2.62E-07	3.58E-07	5.67E-07	1.00E-07	5.39E-07	3.06E-06
1191	489935.9	3858826.5	4.10E-03	4.20E-03	3.96E-03	1.42E-06	4.28E-06	2.48E-06	2.54E-06	2.30E-06	1.05E-06	9.91E-07	4.74E-08	1.14E-06	2.53E-07	3.45E-07	5.47E-07	9.64E-08	5.20E-07	2.95E-06
1192	489985.9	3858826.5	3.96E-03	4.05E-03	3.82E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	1.01E-06	9.56E-07	4.57E-08	1.10E-06	2.44E-07	3.33E-07	5.28E-07	9.30E-08	5.02E-07	2.85E-06
1193	490035.9	3858826.5	3.81E-03	3.90E-03	3.68E-03	1.32E-06	3.98E-06	2.31E-06	2.36E-06	2.14E-06	9.77E-07	9.22E-07	4.41E-08	1.06E-06	2.35E-07	3.21E-07	5.09E-07	8.97E-08	4.84E-07	2.75E-06
1194	489285.9	3858876.5	9.09E-03	9.31E-03	8.78E-03	3.15E-06	9.50E-06	5.50E-06	5.63E-06	5.11E-06	2.33E-06	2.20E-06	1.05E-07	2.54E-06	5.60E-07	7.65E-07	1.21E-06	2.14E-07	1.15E-06	6.55E-06
1195	489335.9	3858876.5	8.37E-03	8.57E-03	8.08E-03	2.90E-06	8.74E-06	5.06E-06	5.19E-06	4.70E-06	2.14E-06	2.02E-06	9.67E-08	2.34E-06	5.16E-07	7.04E-07	1.12E-06	1.97E-07	1.06E-06	6.03E-06
1196	489385.9	3858876.5	7.76E-03	7.95E-03	7.49E-03	2.69E-06	8.11E-06	4.69E-06	4.81E-06	4.36E-06	1.99E-06	1.88E-06	8.97E-08	2.17E-06	4.78E-07	6.53E-07	1.04E-06	1.82E-07	9.84E-07	5.59E-06
1197	489435.9	3858876.5	7.23E-03	7.41E-03	6.99E-03	2.50E-06	7.56E-06	4.38E-06	4.48E-06	4.06E-06	1.85E-06	1.75E-06	8.36E-08	2.02E-06	4.46E-07	6.08E-07	9.65E-07	1.70E-07	9.18E-07	5.21E-06
1198	489485.9	3858876.5	6.78E-03	6.94E-03	6.55E-03	2.35E-06	7.08E-06	4.10E-06	4.20E-06	3.81E-06	1.74E-06	1.64E-06	7.83E-08	1.89E-06	4.17E-07	5.70E-07	9.04E-07	1.59E-07	8.60E-07	4.88E-06
1199	489535.9	3858876.5	6.38E-03	6.53E-03	6.16E-03	2.21E-06	6.67E-06	3.86E-06	3.95E-06	3.58E-06	1.63E-06	1.54E-06	7.37E-08	1.78E-06	3.93E-07	5.37E-07	8.51E-07	1.50E-07	8.09E-07	4.59E-06
1200	489585.9	3858876.5	6.02E-03	6.17E-03	5.82E-03	2.08E-06	6.29E-06	3.64E-06	3.73E-06	3.38E-06	1.54E-06	1.46E-06	6.96E-08	1.68E-06	3.71E-07	5.07E-07	8.04E-07	1.42E-07	7.64E-07	4.34E-06
1201	489635.9	3858876.5	5.71E-03	5.85E-03	5.52E-03	1.98E-06	5.97E-06	3.46E-06	3.54E-06	3.21E-06	1.46E-06	1.38E-06	6.60E-08	1.59E-06	3.52E-07	4.81E-07	7.62E-07	1.34E-07	7.25E-07	4.11E-06
1202	489685.9	3858876.5	5.43E-03	5.57E-03	5.25E-03	1.88E-06	5.68E-06	3.29E-06	3.37E-06	3.05E-06	1.39E-06	1.31E-06	6.28E-08	1.52E-06	3.35E-07	4.57E-07	7.25E-07	1.28E-07	6.90E-07	3.91E-06
1203	489735.9	3858876.5	5.18E-03	5.31E-03	5.00E-03	1.79E-06	5.41E-06	3.13E-06	3.21E-06	2.91E-06	1.33E-06	1.25E-06	5.99E-08	1.45E-06	3.19E-07	4.36E-07	6.91E-07	1.22E-07	6.57E-07	3.73E-06
1204	489785.9	3858876.5	4.96E-03	5.08E-03	4.79E-03	1.72E-06	5.18E-06	3.00E-06	3.07E-06	2.78E-06	1.27E-06	1.20E-06	5.73E-08	1.38E-06	3.05E-07	4.17E-07	6.62E-07	1.17E-07	6.29E-07	3.57E-06
1205	489835.9	3858876.5	4.75E-03	4.86E-03	4.59E-03	1.64E-06	4.96E-06	2.87E-06	2.94E-06	2.67E-06	1.22E-06	1.15E-06	5.49E-08	1.33E-06	2.93E-07	4.00E-07	6.34E-07	1.12E-07	6.03E-07	3.42E-06
1206	489885.9	3858876.5	4.56E-03	4.68E-03	4.41E-03	1.58E-06	4.77E-06	2.76E-06	2.83E-06	2.56E-06	1.17E-06	1.10E-06	5.28E-08	1.27E-06	2.81E-07	3.84E-07	6.09E-07	1.07E-07	5.79E-07	3.29E-06
1207	489935.9	3858876.5	4.39E-03	4.49E-03	4.24E-03	1.52E-06	4.59E-06	2.65E-06	2.72E-06	2.46E-06	1.12E-06	1.06E-06	5.07E-08	1.23E-06	2.70E-07	3.69E-07	5.86E-07	1.03E-07	5.57E-07	3.16E-06
1208	489985.9	3858876.5	4.21E-03	4.32E-03	4.07E-03	1.46E-06	4.40E-06	2.55E-06	2.61E-06	2.37E-06	1.08E-06	1.02E-06	4.87E-08	1.18E-06	2.60E-07	3.55E-07	5.62E-07	9.91E-08	5.35E-07	3.04E-06
1209	490035.9	3858876.5	4.05E-03	4.15E-03	3.92E-03	1.40E-06	4.24E-06	2.45E-06	2.51E-06	2.28E-06	1.04E-06	9.80E-07	4.69E-08	1.13E-06	2.50E-07	3.41E-07	5.41E-07	9.54E-08	5.14E-07	2.92E-06
1210	489285.9	3858926.5	1.08E-02	1.11E-02	1.04E-02	3.74E-06	1.13E-05	6.54E-06	6.70E-06	6.07E-06	2.77E-06	2.61E-06	1.25E-07	3.02E-06	6.66E-07	9.10E-07	1.44E-06	2.54E-07	1.37E-06	7.79E-06
1211	489335.9	3858926.5	9.80E-03	1.00E-02	9.46E-03	3.39E-06	1.02E-05	5.93E-06	6.07E-06	5.50E-06	2.51E-06	2.37E-06	1.13E-07	2.74E-06	6.04E-07	8.24E-07	1.31E-06	2.30E-07	1.24E-06	7.06E-06
1212	489385.9	3858926.5	8.95E-03	9.17E-03	8.65E-03	3.10E-06	9.36E-06	5.42E-06	5.55E-06	5.03E-06	2.30E-06	2.17E-06	1.04E-07	2.50E-06	5.52E-07	7.53E-07	1.20E-06	2.11E-07	1.14E-06	6.45E-06
1213	489435.9	3858926.5	8.26E-03	8.46E-03	7.98E-03	2.86E-06	8.63E-06	5.00E-06	5.12E-06	4.64E-06	2.12E-06	2.00E-06	9.54E-08	2.31E-06	5.09E-07	6.95E-07	1.10E-06	1.94E-07	1.05E-06	5.95E-06
1214	489485.9	3858926.5	7.66E-03	7.85E-03	7.40E-03	2.65E-06	8.01E-06	4.64E-06	4.75E-06	4.30E-06	1.96E-06	1.85E-06	8.86E-08	2.14E-06	4.72E-07	6.45E-07	1.02E-06	1.80E-07	9.72E-07	5.52E-06
1215	489535.9	3858926.5	7.15E-03	7.32E-03	6.91E-03	2.47E-06	7.47E-06	4.32E-06	4.43E-06	4.02E-06	1.83E-06	1.73E-06	8.26E-08	2.00E-06	4.40E-07	6.01E-07	9.54E-07	1.68E-07	9.07E-07	5.15E-06
1216	489585.9	3858926.5	6.70E-03	6.86E-03	6.47E-03	2.32E-06	7.00E-06	4.05E-06	4.15E-06	3.76E-06	1.72E-06	1.62E-06	7.75E-08	1.87E-06	4.13E-07	5.64E-07	8.94E-07	1.58E-07	8.50E-07	4.83E-06
1217	489635.9	3858926.5	6.31E-03	6.46E-03	6.10E-03	2.18E-06	6.60E-06	3.82E-06	3.91E-06	3.55E-06	1.62E-06	1.53E-06	7.29E-08	1.76E-06	3.89E-07	5.31E-07	8.42E-07	1.48E-07	8.01E-07	4.55E-06
1218	489685.9	3858926.5	5.96E-03	6.11E-03	5.76E-03	2.06E-06	6.23E-06	3.61E-06	3.70E-06	3.35E-06	1.53E-06	1.44E-06	6.89E-08	1.66E-06	3.67E-07	5.02E-07	7.96E-07	1.40E-07	7.57E-07	4.30E-06
1219	489735.9	3858926.5	5.66E-03	5.80E-03	5.47E-03	1.96E-06	5.92E-06	3.43E-06	3.51E-06	3.18E-06	1.45E-06	1.37E-06	6.54E-08	1.58E-06	3.49E-07	4.76E-07	7.56E-07	1.33E-07	7.18E-07	4.08E-06
1220	489785.9	3858926.5	5.39E-03	5.52E-03	5.21E-03	1.87E-06	5.64E-06	3.26E-06	3.34E-06	3.03E-06	1.38E-06	1.30E-06	6.23E-08	1.51E-06	3.32E-07	4.54E-07	7.20E-07	1.27E-07	6.84E-07	3.89E-06
1221	489835.9	3858926.5	5.14E-03	5.27E-03	4.97E-03	1.78E-06	5.38E-06	3.11E-06	3.19E-06	2.89E-06	1.32E-06	1.24E-06	5.95E-08	1.44E-06	3.17E-07	4.33E-07	6.87E-07	1.21E-07	6.53E-07	3.71E-06
1222	489885.9	3858926.5	4.92E-03	5.04E-03	4.76E-03	1.70E-06	5.15E-06	2.98E-06	3.05E-06	2.77E-06	1.26E-06	1.19E-06	5.69E-08	1.37E-06	3.03E-07	4.14E-07	6.57E-07	1.16E-07	6.25E-07	3.55E-06
1223	489935.9	3858926.5	4.72E-03	4.83E-03	4.56E-03	1.63E-06	4.93E-06	2.85E-06	2.92E-06	2.65E-06	1.21E-06	1.14E-06	5.45E-08	1.32E-06	2.91E-07	3.97E-07	6.30E-07	1.11E-07	5.99E-07	3.40E-06
1224	489985.9	3858926.5	4.52E-03	4.63E-03	4.37E-03	1.57E-06	4.73E-06	2.74E-06	2.80E-06	2.54E-06	1.16E-06	1.09E-06	5.23E-08	1.26E-06	2.79E-07	3.81E-07	6.04E-07	1.06E-07	5.74E-07	3.26E-06
1225	490035.9	3858926.5	4.32E-03	4.42E-03	4.17E-03	1.49E-06	4.51E-06	2.61E-06	2.68E-06	2.43E-06	1.11E-06	1.04E-06	4.99E-08	1.21E-06	2.66E-07	3.63E-07	5.76E-07	1.02E-07	5.48E-07	3.11E-06

1226	489335.9	3858976.5	1.18E-02	1.21E-02	1.14E-02	4.09E-06	1.24E-05	7.16E-06	7.33E-06	6.65E-06	3.03E-06	2.86E-06	1.37E-07	3.30E-06	7.29E-07	9.95E-07	1.58E-06	2.78E-07	1.50E-06	8.52E-06
1227	489385.9	3858976.5	1.06E-02	1.09E-02	1.03E-02	3.67E-06	1.11E-05	6.42E-06	6.58E-06	5.96E-06	2.72E-06	2.57E-06	1.23E-07	2.96E-06	6.54E-07	8.93E-07	1.42E-06	2.50E-07	1.35E-06	7.64E-06
1228	489435.9	3858976.5	9.65E-03	9.88E-03	9.32E-03	3.34E-06	1.01E-05	5.84E-06	5.98E-06	5.42E-06	2.47E-06	2.33E-06	1.12E-07	2.69E-06	5.94E-07	8.12E-07	1.29E-06	2.27E-07	1.22E-06	6.95E-06
1229	489485.9	3858976.5	8.83E-03	9.04E-03	8.53E-03	3.06E-06	9.23E-06	5.34E-06	5.47E-06	4.96E-06	2.26E-06	2.14E-06	1.02E-07	2.47E-06	5.44E-07	7.43E-07	1.18E-06	2.08E-07	1.12E-06	6.36E-06
1230	489535.9	3858976.5	8.14E-03	8.34E-03	7.86E-03	2.82E-06	8.51E-06	4.93E-06	5.05E-06	4.57E-06	2.09E-06	1.97E-06	9.41E-08	2.27E-06	5.02E-07	6.85E-07	1.09E-06	1.92E-07	1.03E-06	5.86E-06
1231	489585.9	3858976.5	7.57E-03	7.75E-03	7.31E-03	2.62E-06	7.91E-06	4.58E-06	4.69E-06	4.25E-06	1.94E-06	1.83E-06	8.75E-08	2.11E-06	4.66E-07	6.37E-07	1.01E-06	1.78E-07	9.60E-07	5.45E-06
1232	489635.9	3858976.5	7.07E-03	7.24E-03	6.83E-03	2.45E-06	7.38E-06	4.27E-06	4.38E-06	3.97E-06	1.81E-06	1.71E-06	8.17E-08	1.97E-06	4.35E-07	5.94E-07	9.43E-07	1.66E-07	8.97E-07	5.09E-06
1233	489685.9	3858976.5	6.63E-03	6.79E-03	6.40E-03	2.29E-06	6.92E-06	4.01E-06	4.11E-06	3.72E-06	1.70E-06	1.60E-06	7.66E-08	1.85E-06	4.08E-07	5.57E-07	8.84E-07	1.56E-07	8.41E-07	4.77E-06
1234	489735.9	3858976.5	6.25E-03	6.40E-03	6.04E-03	2.16E-06	6.53E-06	3.78E-06	3.87E-06	3.51E-06	1.60E-06	1.51E-06	7.22E-08	1.74E-06	3.85E-07	5.26E-07	8.34E-07	1.47E-07	7.93E-07	4.50E-06
1235	489785.9	3858976.5	5.92E-03	6.06E-03	5.72E-03	2.05E-06	6.19E-06	3.58E-06	3.67E-06	3.33E-06	1.52E-06	1.43E-06	6.84E-08	1.65E-06	3.65E-07	4.98E-07	7.90E-07	1.39E-07	7.51E-07	4.26E-06
1236	489835.9	3858976.5	5.62E-03	5.76E-03	5.43E-03	1.95E-06	5.88E-06	3.40E-06	3.49E-06	3.16E-06	1.44E-06	1.36E-06	6.50E-08	1.57E-06	3.47E-07	4.73E-07	7.51E-07	1.32E-07	7.14E-07	4.05E-06
1237	489885.9	3858976.5	5.35E-03	5.48E-03	5.17E-03	1.85E-06	5.59E-06	3.24E-06	3.31E-06	3.00E-06	1.37E-06	1.29E-06	6.18E-08	1.49E-06	3.29E-07	4.50E-07	7.14E-07	1.26E-07	6.79E-07	3.85E-06
1238	489935.9	3858976.5	5.10E-03	5.22E-03	4.93E-03	1.77E-06	5.33E-06	3.09E-06	3.16E-06	2.87E-06	1.31E-06	1.23E-06	5.90E-08	1.42E-06	3.14E-07	4.29E-07	6.81E-07	1.20E-07	6.47E-07	3.67E-06
1239	489985.9	3858976.5	4.88E-03	4.99E-03	4.71E-03	1.69E-06	5.10E-06	2.95E-06	3.02E-06	2.74E-06	1.25E-06	1.18E-06	5.64E-08	1.36E-06	3.00E-07	4.10E-07	6.51E-07	1.15E-07	6.19E-07	3.51E-06
1240	490035.9	3858976.5	4.60E-03	4.71E-03	4.44E-03	1.59E-06	4.80E-06	2.78E-06	2.85E-06	2.58E-06	1.18E-06	1.11E-06	5.31E-08	1.28E-06	2.83E-07	3.87E-07	6.13E-07	1.08E-07	5.83E-07	3.31E-06
1241	489385.9	3859026.5	1.30E-02	1.34E-02	1.26E-02	4.52E-06	1.36E-05	7.90E-06	8.09E-06	7.33E-06	3.34E-06	3.15E-06	1.51E-07	3.64E-06	8.04E-07	1.10E-06	1.74E-06	3.07E-07	1.66E-06	9.40E-06
1242	489435.9	3859026.5	1.16E-02	1.19E-02	1.12E-02	4.01E-06	1.21E-05	7.01E-06	7.18E-06	6.51E-06	2.97E-06	2.80E-06	1.34E-07	3.24E-06	7.14E-07	9.75E-07	1.55E-06	2.73E-07	1.47E-06	8.35E-06
1243	489485.9	3859026.5	1.04E-02	1.07E-02	1.01E-02	3.61E-06	1.09E-05	6.31E-06	6.46E-06	5.86E-06	2.67E-06	2.52E-06	1.20E-07	2.91E-06	6.42E-07	8.77E-07	1.39E-06	2.45E-07	1.32E-06	7.51E-06
1244	489535.9	3859026.5	9.48E-03	9.71E-03	9.16E-03	3.28E-06	9.91E-06	5.74E-06	5.87E-06	5.33E-06	2.43E-06	2.29E-06	1.10E-07	2.65E-06	5.84E-07	7.98E-07	1.27E-06	2.23E-07	1.20E-06	6.83E-06
1245	489585.9	3859026.5	8.69E-03	8.90E-03	8.39E-03	3.01E-06	9.08E-06	5.26E-06	5.38E-06	4.88E-06	2.23E-06	2.10E-06	1.00E-07	2.43E-06	5.35E-07	7.31E-07	1.16E-06	2.04E-07	1.10E-06	6.26E-06
1246	489635.9	3859026.5	8.03E-03	8.23E-03	7.76E-03	2.78E-06	8.39E-06	4.86E-06	4.98E-06	4.51E-06	2.06E-06	1.94E-06	9.28E-08	2.24E-06	4.95E-07	6.76E-07	1.07E-06	1.89E-07	1.02E-06	5.79E-06
1247	489685.9	3859026.5	7.47E-03	7.65E-03	7.22E-03	2.59E-06	7.81E-06	4.52E-06	4.63E-06	4.20E-06	1.91E-06	1.81E-06	8.63E-08	2.09E-06	4.60E-07	6.28E-07	9.97E-07	1.76E-07	9.48E-07	5.38E-06
1248	489735.9	3859026.5	6.99E-03	7.16E-03	6.75E-03	2.42E-06	7.31E-06	4.23E-06	4.33E-06	3.93E-06	1.79E-06	1.69E-06	8.08E-08	1.95E-06	4.31E-07	5.88E-07	9.33E-07	1.64E-07	8.87E-07	5.04E-06
1249	489785.9	3859026.5	6.57E-03	6.73E-03	6.35E-03	2.28E-06	6.87E-06	3.98E-06	4.07E-06	3.69E-06	1.68E-06	1.59E-06	7.60E-08	1.84E-06	4.05E-07	5.53E-07	8.77E-07	1.55E-07	8.34E-07	4.73E-06
1250	489835.9	3859026.5	6.19E-03	6.34E-03	5.98E-03	2.14E-06	6.47E-06	3.75E-06	3.84E-06	3.48E-06	1.59E-06	1.50E-06	7.16E-08	1.73E-06	3.81E-07	5.21E-07	8.26E-07	1.46E-07	7.85E-07	4.46E-06
1251	489885.9	3859026.5	5.86E-03	6.00E-03	5.66E-03	2.03E-06	6.12E-06	3.55E-06	3.63E-06	3.29E-06	1.50E-06	1.42E-06	6.77E-08	1.64E-06	3.61E-07	4.93E-07	7.82E-07	1.38E-07	7.44E-07	4.22E-06
1252	489935.9	3859026.5	5.56E-03	5.69E-03	5.37E-03	1.92E-06	5.81E-06	3.36E-06	3.45E-06	3.12E-06	1.43E-06	1.34E-06	6.43E-08	1.55E-06	3.43E-07	4.68E-07	7.42E-07	1.31E-07	7.05E-07	4.01E-06
1253	489985.9	3859026.5	5.29E-03	5.42E-03	5.11E-03	1.83E-06	5.53E-06	3.20E-06	3.28E-06	2.97E-06	1.36E-06	1.28E-06	6.11E-08	1.48E-06	3.26E-07	4.45E-07	7.06E-07	1.24E-07	6.71E-07	3.81E-06
1254	490035.9	3859026.5	4.94E-03	5.06E-03	4.78E-03	1.71E-06	5.17E-06	2.99E-06	3.06E-06	2.78E-06	1.27E-06	1.20E-06	5.71E-08	1.38E-06	3.05E-07	4.16E-07	6.60E-07	1.16E-07	6.27E-07	3.56E-06
1255	489485.9	3859076.5	1.27E-02	1.31E-02	1.23E-02	4.41E-06	1.33E-05	7.71E-06	7.90E-06	7.16E-06	3.27E-06	3.08E-06	1.47E-07	3.56E-06	7.85E-07	1.07E-06	1.70E-06	3.00E-07	1.62E-06	9.18E-06
1256	489535.9	3859076.5	1.13E-02	1.16E-02	1.10E-02	3.93E-06	1.19E-05	6.86E-06	7.03E-06	6.37E-06	2.91E-06	2.74E-06	1.31E-07	3.17E-06	6.99E-07	9.54E-07	1.51E-06	2.67E-07	1.44E-06	8.17E-06
1257	489585.9	3859076.5	1.02E-02	1.05E-02	9.88E-03	3.54E-06	1.07E-05	6.18E-06	6.33E-06	5.74E-06	2.62E-06	2.47E-06	1.18E-07	2.85E-06	6.30E-07	8.60E-07	1.36E-06	2.40E-07	1.30E-06	7.36E-06
1258	489635.9	3859076.5	9.33E-03	9.55E-03	9.01E-03	3.23E-06	9.75E-06	5.64E-06	5.78E-06	5.24E-06	2.39E-06	2.25E-06	1.08E-07	2.60E-06	5.75E-07	7.85E-07	1.24E-06	2.19E-07	1.18E-06	6.72E-06
1259	489685.9	3859076.5	8.58E-03	8.78E-03	8.29E-03	2.97E-06	8.96E-06	5.19E-06	5.31E-06	4.82E-06	2.20E-06	2.07E-06	9.91E-08	2.39E-06	5.28E-07	7.22E-07	1.14E-06	2.02E-07	1.09E-06	6.18E-06
1260	489735.9	3859076.5	7.94E-03	8.13E-03	7.67E-03	2.75E-06	8.30E-06	4.80E-06	4.92E-06	4.46E-06	2.04E-06	1.92E-06	9.18E-08	2.22E-06	4.89E-07	6.68E-07	1.06E-06	1.87E-07	1.01E-06	5.72E-06
1261	489785.9	3859076.5	7.40E-03	7.57E-03	7.14E-03	2.56E-06	7.73E-06	4.47E-06	4.58E-06	4.15E-06	1.90E-06	1.79E-06	8.55E-08	2.06E-06	4.56E-07	6.22E-07	9.87E-07	1.74E-07	9.38E-07	5.33E-06
1262	489835.9	3859076.5	6.91E-03	7.08E-03	6.68E-03	2.39E-06	7.23E-06	4.18E-06	4.29E-06	3.88E-06	1.77E-06	1.67E-06	7.99E-08	1.93E-06	4.26E-07	5.82E-07	9.23E-07	1.63E-07	8.77E-07	4.98E-06
1263	489885.9	3859076.5	6.49E-03	6.65E-03	6.27E-03	2.25E-06	6.78E-06	3.93E-06	4.02E-06	3.65E-06	1.66E-06	1.57E-06	7.50E-08	1.81E-06	4.00E-07	5.46E-07	8.66E-07	1.53E-07	8.24E-07	4.68E-06
1264	489935.9	3859076.5	6.13E-03	6.28E-03	5.92E-03	2.12E-06	6.40E-06	3.71E-06	3.80E-06	3.44E-06	1.57E-06	1.48E-06	7.08E-08	1.71E-06	3.78E-07	5.16E-07	8.18E-07	1.44E-07	7.78E-07	4.41E-06
1265	489985.9	3859076.5	5.79E-03	5.93E-03	5.60E-03	2.00E-06	6.05E-06	3.50E-06	3.59E-06	3.25E-06	1.48E-06	1.40E-06	6.69E-08	1.62E-06	3.57E-07	4.87E-07	7.73E-07	1.36E-07	7.35E-07	4.17E-06
1266	490035.9	3859076.5	5.40E-03	5.53E-03	5.22E-03	1.87E-06	5.65E-06	3.27E-06	3.35E-06	3.03E-06	1.38E-06	1.31E-06	6.24E-08	1.51E-06	3.33E-07	4.55E-07	7.21E-07	1.27E-07	6.85E-07	3.89E-06
1267	489585.9	3859126.5	1.25E-02	1.28E-02	1.20E-02	4.31E-06	1.30E-05	7.54E-06	7.72E-06	7.00E-06	3.19E-06	3.01E-06	1.44E-07	3.48E-06	7.67E-07	1.05E-06	1.66E-06	2.93E-07	1.58E-06	8.97E-06
1268	489635.9	3859126.5	1.11E-02	1.14E-02	1.08E-02	3.86E-06	1.16E-05	6.74E-06	6.90E-06	6.26E-06	2.86E-06	2.69E-06	1.29E-07	3.11E-06	6.86E-07	9.37E-07	1.49E-06	2.62E-07	1.41E-06	8.02E-06
1269	489685.9	3859126.5	1.01E-02	1.03E-02	9.73E-03	3.49E-06	1.05E-05	6.09E-06	6.24E-06	5.66E-06	2.58E-06	2.44E-06	1.16E-07	2.81E-06	6.21E-07	8.47E-07	1.34E-06	2.37E-07	1.28E-06	7.26E-06
1270	489735.9	3859126.5	9.19E-03	9.42E-03	8.88E-03	3.18E-06	9.61E-06	5.56E-06	5.70E-06	5.17E-06	2.36E-06	2.22E-06	1.06E-07	2.57E-06	5.67E-07	7.74E-07	1.23E-06	2.16E-07	1.17E-06	6.62E-06
1271	489785.9	3859126.5	8.46E-03	8.67E-03	8.18E-03	2.93E-06	8.85E-06	5.12E-06	5.25E-06	4.75E-06	2.17E-06	2.05E-06	9.78E-08	2.36E-06	5.22E-07	7.12E-07	1.13E-06	1.99E-07	1.07E-06	6.10E-06
1272	489835.9	3859126.5	7.84E-03	8.03E-03	7.57E-03	2.71E-06	8.19E-06	4.74E-06	4.86E-06	4.40E-06	2.01E-06	1.89E-06	9.06E-08	2.19E-06	4.83E-07	6.59E-07	1.05E-06	1.84E-07	9.94E-07	5.64E-06
1273	489885.9	3859126.5	7.29E-03	7.46E-03	7.04E-03	2.52E-06	7.62E-06	4.41E-06	4.52E-06	4.09E-06	1.87E-06	1.76E-06	8.42E-08	2.03E-06	4.49E-07	6.13E-07	9.73E-07	1.71E-07	9.25E-07	5.25E-06
1274	489935.9	3859126.5	6.82E-03	6.99E-03	6.59E-03	2.36E-06	7.13E-06	4.13E-06	4.23E-06	3.83E-06	1.75E-06	1.65E-06	7.89E-08	1.91E-06	4.20E-07	5.74E-07	9.11E-07	1.61E-07	8.66E-07	4.92E-06
1275	489985.9	3859126.5	6.38E-03	6.54E-03	6.17E-03	2.21E-06	6.67E-06	3.86E-06	3.96E-06	3.59E-06	1.64E-06	1.54E-06	7.38E-08	1.78E-06	3.93E-07	5.37E-07	8.52E-07	1.50E-07	8.10E-07	4.60E-06
1276	490035.9	3859126.5	5.97E-03	6.11E-03	5.76E-03	2.07E-06	6.24E-06	3.61E-06	3.70E-06	3.35E-06	1.53E-06	1.44E-06	6.90E-08	1.67E-06	3.68E-07	5.02E-07	7.96E-07	1.40E-07	7.57E-07	4.30E-06
1277	489585.9	3859176.5	1.59E-02	1.63E-02	1.54E-02	5.52E-06	1.67E-05	9.64E-06	9.88E-06	8.95E-06	4.08E-06	3.85E-06	1.84E-07	4.45E-06	9.82E-07	1.34E-06	2.13E-06	3.75E-07	2.02E-06	1.15E-05
1278	489635.9	3859176.5	1.38E-02	1.42E-02	1.34E-02	4.79E-06	1.44E-05	8.36E-06	8.57E-06	7.77E-06	3.54E-06	3.34E-06	1.60E-07	3.86E-06	8.52E-07	1.16E-06	1.85E-06	3.25E-07	1.75E-06	9.96E-06
1279	489685.9	3859176.5	1.22E-02	1.25E-02	1.18E-02	4.23E-06	1.28E-05	7.39E-06	7.57E-06	6.87E-06	3.13E-06	2.96E-06	1.41E-07	3.41E-06	7.53E-07	1.03E-06	1.63E-06	2.88E-07	1.55E-06	8.80E-06
1280	489735.9	3859176.5	1.10E-02	1.12E-02	1.06E-02	3.79E-06	1.15E-05	6.63E-06	6.79E-06	6.15E-06	2.81E-06	2.65E-06	1.27E-07	3.06E-06	6.75E-07	9.22E-07	1.46E-06	2.58E-07	1.39E-06	7.89E-06
1281	489785.9	3859176.5	9.91E-03	1.01E-02	9.57E-03	3.43E-06	1.04E-05	6.00E-06	6.14E-06	5.57E-06	2.54E-06	2.40E-06	1.15E-07	2.77E-06	6.11E-07	8.34E-07	1.32E-06	2.33E-07	1.26E-06	7.14E-06

1282	489835.9	3859176.5	9.05E-03	9.27E-03	8.75E-03	3.13E-06	9.46E-06	5.48E-06	5.61E-06	5.09E-06	2.32E-06	2.19E-06	1.05E-07	2.53E-06	5.58E-07	7.62E-07	1.21E-06	2.13E-07	1.15E-06	6.52E-06
1283	489885.9	3859176.5	8.33E-03	8.53E-03	8.04E-03	2.88E-06	8.70E-06	5.04E-06	5.16E-06	4.68E-06	2.13E-06	2.01E-06	9.63E-08	2.33E-06	5.13E-07	7.01E-07	1.11E-06	1.96E-07	1.06E-06	6.00E-06
1284	489935.9	3859176.5	7.72E-03	7.91E-03	7.46E-03	2.67E-06	8.07E-06	4.67E-06	4.79E-06	4.34E-06	1.98E-06	1.87E-06	8.93E-08	2.16E-06	4.76E-07	6.50E-07	1.03E-06	1.82E-07	9.80E-07	5.56E-06
1285	489985.9	3859176.5	7.16E-03	7.33E-03	6.91E-03	2.48E-06	7.48E-06	4.33E-06	4.44E-06	4.02E-06	1.83E-06	1.73E-06	8.27E-08	2.00E-06	4.41E-07	6.02E-07	9.55E-07	1.68E-07	9.08E-07	5.16E-06
1286	490035.9	3859176.5	6.71E-03	6.87E-03	6.48E-03	2.32E-06	7.01E-06	4.06E-06	4.16E-06	3.77E-06	1.72E-06	1.62E-06	7.76E-08	1.87E-06	4.13E-07	5.65E-07	8.96E-07	1.58E-07	8.52E-07	4.83E-06
1287	489685.9	3859226.5	1.55E-02	1.59E-02	1.50E-02	5.38E-06	1.62E-05	9.40E-06	9.62E-06	8.72E-06	3.98E-06	3.75E-06	1.79E-07	4.34E-06	9.57E-07	1.31E-06	2.07E-06	3.65E-07	1.97E-06	1.12E-05
1288	489735.9	3859226.5	1.35E-02	1.39E-02	1.31E-02	4.69E-06	1.42E-05	8.19E-06	8.39E-06	7.61E-06	3.47E-06	3.27E-06	1.57E-07	3.78E-06	8.34E-07	1.14E-06	1.81E-06	3.19E-07	1.72E-06	9.75E-06
1289	489785.9	3859226.5	1.20E-02	1.23E-02	1.16E-02	4.15E-06	1.25E-05	7.25E-06	7.42E-06	6.73E-06	3.07E-06	2.90E-06	1.38E-07	3.34E-06	7.38E-07	1.01E-06	1.60E-06	2.82E-07	1.52E-06	8.63E-06
1290	489835.9	3859226.5	1.07E-02	1.10E-02	1.04E-02	3.71E-06	1.12E-05	6.49E-06	6.65E-06	6.03E-06	2.75E-06	2.59E-06	1.24E-07	2.99E-06	6.61E-07	9.02E-07	1.43E-06	2.52E-07	1.36E-06	7.73E-06
1291	489885.9	3859226.5	9.72E-03	9.96E-03	9.39E-03	3.37E-06	1.02E-05	5.88E-06	6.02E-06	5.46E-06	2.49E-06	2.35E-06	1.12E-07	2.71E-06	5.99E-07	8.18E-07	1.30E-06	2.29E-07	1.23E-06	7.00E-06
1292	489935.9	3859226.5	8.89E-03	9.10E-03	8.59E-03	3.08E-06	9.29E-06	5.38E-06	5.51E-06	4.99E-06	2.28E-06	2.15E-06	1.03E-07	2.48E-06	5.48E-07	7.48E-07	1.19E-06	2.09E-07	1.13E-06	6.40E-06
1293	489985.9	3859226.5	8.12E-03	8.32E-03	7.85E-03	2.81E-06	8.49E-06	4.91E-06	5.03E-06	4.56E-06	2.08E-06	1.96E-06	9.39E-08	2.27E-06	5.00E-07	6.83E-07	1.08E-06	1.91E-07	1.03E-06	5.85E-06
1294	490035.9	3859226.5	7.56E-03	7.74E-03	7.30E-03	2.62E-06	7.90E-06	4.57E-06	4.68E-06	4.25E-06	1.94E-06	1.83E-06	8.74E-08	2.11E-06	4.66E-07	6.36E-07	1.01E-06	1.78E-07	9.59E-07	5.45E-06
1295	489735.9	3859276.5	1.77E-02	1.82E-02	1.71E-02	6.14E-06	1.85E-05	1.07E-05	1.10E-05	9.96E-06	4.55E-06	4.29E-06	2.05E-07	4.95E-06	1.09E-06	1.49E-06	2.37E-06	4.17E-07	2.25E-06	1.28E-05
1296	489785.9	3859276.5	1.52E-02	1.55E-02	1.46E-02	5.25E-06	1.58E-05	9.17E-06	9.39E-06	8.52E-06	3.89E-06	3.67E-06	1.75E-07	4.23E-06	9.34E-07	1.28E-06	2.02E-06	3.57E-07	1.92E-06	1.09E-05
1297	489835.9	3859276.5	1.32E-02	1.35E-02	1.27E-02	4.57E-06	1.38E-05	7.98E-06	8.18E-06	7.41E-06	3.38E-06	3.19E-06	1.52E-07	3.68E-06	8.13E-07	1.11E-06	1.76E-06	3.10E-07	1.67E-06	9.50E-06
1298	489885.9	3859276.5	1.17E-02	1.20E-02	1.13E-02	4.05E-06	1.22E-05	7.08E-06	7.25E-06	6.58E-06	3.00E-06	2.83E-06	1.35E-07	3.27E-06	7.21E-07	9.85E-07	1.56E-06	2.75E-07	1.49E-06	8.43E-06
1299	489935.9	3859276.5	1.05E-02	1.07E-02	1.01E-02	3.63E-06	1.10E-05	6.35E-06	6.50E-06	5.90E-06	2.69E-06	2.54E-06	1.21E-07	2.93E-06	6.47E-07	8.83E-07	1.40E-06	2.47E-07	1.33E-06	7.56E-06
1300	489985.9	3859276.5	9.42E-03	9.65E-03	9.10E-03	3.26E-06	9.84E-06	5.70E-06	5.84E-06	5.29E-06	2.41E-06	2.28E-06	1.09E-07	2.63E-06	5.80E-07	7.92E-07	1.26E-06	2.22E-07	1.20E-06	6.78E-06
1301	490035.9	3859276.5	8.71E-03	8.92E-03	8.42E-03	3.02E-06	9.10E-06	5.27E-06	5.40E-06	4.89E-06	2.23E-06	2.11E-06	1.01E-07	2.43E-06	5.37E-07	7.33E-07	1.16E-06	2.05E-07	1.11E-06	6.28E-06
1302	490458.1	3859590.7	1.47E-02	1.51E-02	1.42E-02	5.09E-06	1.54E-05	8.89E-06	9.11E-06	8.26E-06	3.77E-06	3.55E-06	1.70E-07	4.10E-06	9.06E-07	1.24E-06	1.96E-06	3.46E-07	1.87E-06	1.06E-05
1303	490508.1	3859590.7	1.30E-02	1.33E-02	1.26E-02	4.50E-06	1.36E-05	7.86E-06	8.05E-06	7.30E-06	3.33E-06	3.14E-06	1.50E-07	3.63E-06	8.01E-07	1.09E-06	1.73E-06	3.06E-07	1.65E-06	9.36E-06
1304	490558.1	3859590.7	1.16E-02	1.19E-02	1.12E-02	4.01E-06	1.21E-05	7.01E-06	7.18E-06	6.51E-06	2.97E-06	2.80E-06	1.34E-07	3.23E-06	7.14E-07	9.75E-07	1.55E-06	2.73E-07	1.47E-06	8.35E-06
1305	490608.1	3859590.7	1.04E-02	1.07E-02	1.01E-02	3.61E-06	1.09E-05	6.30E-06	6.46E-06	5.85E-06	2.67E-06	2.52E-06	1.20E-07	2.91E-06	6.42E-07	8.76E-07	1.39E-06	2.45E-07	1.32E-06	7.50E-06
1306	490658.1	3859590.7	9.44E-03	9.67E-03	9.12E-03	3.27E-06	9.86E-06	5.71E-06	5.85E-06	5.30E-06	2.42E-06	2.28E-06	1.09E-07	2.64E-06	5.82E-07	7.94E-07	1.26E-06	2.22E-07	1.20E-06	6.80E-06
1307	490708.1	3859590.7	8.60E-03	8.81E-03	8.31E-03	2.98E-06	8.99E-06	5.20E-06	5.33E-06	4.83E-06	2.20E-06	2.08E-06	9.94E-08	2.40E-06	5.30E-07	7.24E-07	1.15E-06	2.02E-07	1.09E-06	6.20E-06
1308	490758.1	3859590.7	7.86E-03	8.05E-03	7.59E-03	2.72E-06	8.21E-06	4.75E-06	4.87E-06	4.41E-06	2.01E-06	1.90E-06	9.08E-08	2.19E-06	4.84E-07	6.61E-07	1.05E-06	1.85E-07	9.97E-07	5.66E-06
1309	490808.1	3859590.7	7.26E-03	7.44E-03	7.02E-03	2.51E-06	7.59E-06	4.39E-06	4.50E-06	4.08E-06	1.86E-06	1.76E-06	8.40E-08	2.03E-06	4.47E-07	6.11E-07	9.69E-07	1.71E-07	9.22E-07	5.23E-06
1310	490858.1	3859590.7	6.73E-03	6.89E-03	6.50E-03	2.33E-06	7.03E-06	4.07E-06	4.17E-06	3.78E-06	1.72E-06	1.63E-06	7.77E-08	1.88E-06	4.14E-07	5.66E-07	8.98E-07	1.58E-07	8.53E-07	4.85E-06
1311	490458.1	3859640.7	2.12E-02	2.17E-02	2.05E-02	7.34E-06	2.22E-05	1.28E-05	1.31E-05	1.19E-05	5.43E-06	5.13E-06	2.45E-07	5.92E-06	1.31E-06	1.78E-06	2.83E-06	4.99E-07	2.69E-06	1.53E-05
1312	490508.1	3859640.7	1.80E-02	1.85E-02	1.74E-02	6.24E-06	1.89E-05	1.09E-05	1.12E-05	1.01E-05	4.62E-06	4.36E-06	2.09E-07	5.04E-06	1.11E-06	1.52E-06	2.41E-06	4.24E-07	2.29E-06	1.30E-05
1313	490558.1	3859640.7	1.56E-02	1.60E-02	1.51E-02	5.42E-06	1.64E-05	9.47E-06	9.70E-06	8.79E-06	4.01E-06	3.78E-06	1.81E-07	4.37E-06	9.64E-07	1.32E-06	2.09E-06	3.68E-07	1.99E-06	1.13E-05
1314	490608.1	3859640.7	1.36E-02	1.39E-02	1.31E-02	4.70E-06	1.42E-05	8.22E-06	8.42E-06	7.63E-06	3.48E-06	3.29E-06	1.57E-07	3.79E-06	8.37E-07	1.14E-06	1.81E-06	3.20E-07	1.72E-06	9.79E-06
1315	490658.1	3859640.7	1.19E-02	1.22E-02	1.15E-02	4.13E-06	1.25E-05	7.22E-06	7.39E-06	6.70E-06	3.06E-06	2.88E-06	1.38E-07	3.33E-06	7.35E-07	1.00E-06	1.59E-06	2.81E-07	1.51E-06	8.59E-06
1316	490708.1	3859640.7	1.07E-02	1.09E-02	1.03E-02	3.69E-06	1.11E-05	6.45E-06	6.61E-06	5.99E-06	2.73E-06	2.58E-06	1.23E-07	2.98E-06	6.57E-07	8.97E-07	1.42E-06	2.51E-07	1.35E-06	7.68E-06
1317	490758.1	3859640.7	9.58E-03	9.81E-03	9.26E-03	3.32E-06	1.00E-05	5.80E-06	5.94E-06	5.38E-06	2.46E-06	2.32E-06	1.11E-07	2.68E-06	5.90E-07	8.06E-07	1.28E-06	2.25E-07	1.22E-06	6.90E-06
1318	490808.1	3859640.7	8.76E-03	8.97E-03	8.46E-03	3.03E-06	9.16E-06	5.30E-06	5.43E-06	4.92E-06	2.25E-06	2.12E-06	1.01E-07	2.45E-06	5.40E-07	7.37E-07	1.17E-06	2.06E-07	1.11E-06	6.31E-06
1319	490858.1	3859640.7	8.06E-03	8.26E-03	7.79E-03	2.79E-06	8.43E-06	4.88E-06	5.00E-06	4.53E-06	2.07E-06	1.95E-06	9.32E-08	2.25E-06	4.97E-07	6.78E-07	1.08E-06	1.90E-07	1.02E-06	5.81E-06
1320	490608.1	3859690.7	1.92E-02	1.97E-02	1.86E-02	6.66E-06	2.01E-05	1.16E-05	1.19E-05	1.08E-05	4.93E-06	4.65E-06	2.22E-07	5.37E-06	1.19E-06	1.62E-06	2.57E-06	4.53E-07	2.44E-06	1.39E-05
1321	490658.1	3859690.7	1.61E-02	1.65E-02	1.56E-02	5.59E-06	1.69E-05	9.77E-06	1.00E-05	9.07E-06	4.14E-06	3.90E-06	1.87E-07	4.51E-06	9.94E-07	1.36E-06	2.15E-06	3.80E-07	2.05E-06	1.16E-05
1322	490708.1	3859690.7	1.40E-02	1.43E-02	1.35E-02	4.83E-06	1.46E-05	8.45E-06	8.65E-06	7.84E-06	3.58E-06	3.38E-06	1.61E-07	3.90E-06	8.60E-07	1.17E-06	1.86E-06	3.28E-07	1.77E-06	1.01E-05
1323	490758.1	3859690.7	1.22E-02	1.25E-02	1.18E-02	4.23E-06	1.28E-05	7.39E-06	7.57E-06	6.86E-06	3.13E-06	2.95E-06	1.41E-07	3.41E-06	7.53E-07	1.03E-06	1.63E-06	2.87E-07	1.55E-06	8.80E-06
1324	490808.1	3859690.7	1.09E-02	1.12E-02	1.05E-02	3.77E-06	1.14E-05	6.59E-06	6.75E-06	6.12E-06	2.79E-06	2.63E-06	1.26E-07	3.04E-06	6.71E-07	9.17E-07	1.45E-06	2.56E-07	1.38E-06	7.85E-06
1325	490858.1	3859690.7	9.97E-03	1.02E-02	9.63E-03	3.45E-06	1.04E-05	6.03E-06	6.18E-06	5.60E-06	2.56E-06	2.41E-06	1.15E-07	2.78E-06	6.14E-07	8.39E-07	1.33E-06	2.35E-07	1.27E-06	7.18E-06
1326	490708.1	3859740.7	2.02E-02	2.06E-02	1.95E-02	6.98E-06	2.11E-05	1.22E-05	1.25E-05	1.13E-05	5.17E-06	4.87E-06	2.33E-07	5.63E-06	1.24E-06	1.70E-06	2.69E-06	4.74E-07	2.56E-06	1.45E-05
1327	490758.1	3859740.7	1.71E-02	1.76E-02	1.66E-02	5.93E-06	1.79E-05	1.04E-05	1.06E-05	9.63E-06	4.39E-06	4.14E-06	1.98E-07	4.79E-06	1.06E-06	1.44E-06	2.29E-06	4.03E-07	2.17E-06	1.23E-05
1328	490808.1	3859740.7	1.48E-02	1.52E-02	1.43E-02	5.12E-06	1.55E-05	8.96E-06	9.17E-06	8.31E-06	3.79E-06	3.58E-06	1.71E-07	4.13E-06	9.12E-07	1.25E-06	1.98E-06	3.48E-07	1.88E-06	1.07E-05
1329	490858.1	3859740.7	1.31E-02	1.34E-02	1.26E-02	4.52E-06	1.36E-05	7.90E-06	8.09E-06	7.33E-06	3.35E-06	3.16E-06	1.51E-07	3.64E-06	8.04E-07	1.10E-06	1.74E-06	3.07E-07	1.66E-06	9.40E-06
1330	490786.6	3859749.4	1.68E-02	1.72E-02	1.62E-02	5.81E-06	1.75E-05	1.02E-05	1.04E-05	9.42E-06	4.30E-06	4.06E-06	1.94E-07	4.68E-06	1.03E-06	1.41E-06	2.24E-06	3.95E-07	2.13E-06	1.21E-05
1331	490836.6	3859749.4	1.45E-02	1.49E-02	1.40E-02	5.03E-06	1.52E-05	8.79E-06	9.01E-06	8.16E-06	3.73E-06	3.51E-06	1.68E-07	4.06E-06	8.95E-07	1.22E-06	1.94E-06	3.42E-07	1.84E-06	1.05E-05
1332	490786.6	3859799.4	2.67E-02	2.73E-02	2.57E-02	9.23E-06	2.79E-05	1.61E-05	1.65E-05	1.50E-05	6.83E-06	6.44E-06	3.08E-07	7.44E-06	1.64E-06	2.24E-06	3.56E-06	6.27E-07	3.38E-06	1.92E-05
1333	490836.6	3859799.4	2.15E-02	2.21E-02	2.08E-02	7.45E-06	2.25E-05	1.30E-05	1.33E-05	1.21E-05	5.52E-06	5.21E-06	2.49E-07	6.01E-06	1.33E-06	1.81E-06	2.87E-06	5.06E-07	2.73E-06	1.55E-05
1334	492307.8	3854508.4	6.49E-04	6.65E-04	6.27E-04	2.25E-07	6.79E-07	3.93E-07	4.02E-07	3.65E-07	1.66E-07	1.57E-07	7.51E-09	1.81E-07	4.00E-08	5.46E-08	8.67E-08	1.53E-08	8.24E-08	4.68E-07
1335	486445.7	3854753.6	9.79E-04	1.00E-03	9.45E-04	3.39E-07	1.02E-06	5.92E-07	6.06E-07	5.50E-07	2.51E-07	2.37E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.31E-07	2.30E-08	1.24E-07	7.05E-07
1336	472599.8	3877830.1	5.90E-05	6.05E-05	5.70E-05	2.04E-08	6.17E-08	3.57E-08	3.66E-08	3.32E-08	1.51E-08	1.43E-08	6.82E-10	1.65E-08	3.64E-09	4.97E-09	7.88E-09	1.39E-09	7.49E-09	4.25E-08
1337	493107.5	3866840.2	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08

1338	495815.8	3861662.9	5.68E-03	5.82E-03	5.49E-03	1.97E-06	5.93E-06	3.44E-06	3.52E-06	3.19E-06	1.46E-06	1.37E-06	6.56E-08	1.59E-06	3.50E-07	4.78E-07	7.58E-07	1.34E-07	7.20E-07	4.09E-06
1339	480272.3	3841389.2	1.06E-04	1.09E-04	1.03E-04	3.68E-08	1.11E-07	6.43E-08	6.59E-08	5.97E-08	2.72E-08	2.57E-08	1.23E-09	2.97E-08	6.55E-09	8.94E-09	1.42E-08	2.50E-09	1.35E-08	7.66E-08
1340	497005.2	3862813.6	1.97E-03	2.02E-03	1.91E-03	6.84E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	5.06E-07	4.77E-07	2.28E-08	5.51E-07	1.22E-07	1.66E-07	2.64E-07	4.65E-08	2.51E-07	1.42E-06
1341	493677.3	3860302.6	2.18E-03	2.23E-03	2.11E-03	7.55E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.59E-07	5.27E-07	2.52E-08	6.09E-07	1.34E-07	1.83E-07	2.91E-07	5.13E-08	2.77E-07	1.57E-06
1342	493727.3	3860302.6	2.14E-03	2.19E-03	2.07E-03	7.42E-07	2.24E-06	1.30E-06	1.33E-06	1.20E-06	5.49E-07	5.18E-07	2.48E-08	5.98E-07	1.32E-07	1.80E-07	2.86E-07	5.04E-08	2.72E-07	1.54E-06
1343	493777.3	3860302.6	2.10E-03	2.15E-03	2.03E-03	7.28E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.39E-07	5.09E-07	2.43E-08	5.87E-07	1.30E-07	1.77E-07	2.81E-07	4.95E-08	2.67E-07	1.52E-06
1344	493827.3	3860302.6	2.06E-03	2.11E-03	1.99E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.29E-07	4.99E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.76E-07	4.86E-08	2.62E-07	1.49E-06
1345	493877.3	3860302.6	2.04E-03	2.08E-03	1.97E-03	7.05E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.22E-07	4.92E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.72E-07	4.79E-08	2.58E-07	1.47E-06
1346	493927.3	3860302.6	2.01E-03	2.06E-03	1.94E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.15E-07	4.86E-07	2.32E-08	5.61E-07	1.24E-07	1.69E-07	2.68E-07	4.73E-08	2.55E-07	1.45E-06
1347	493977.3	3860302.6	1.96E-03	2.00E-03	1.89E-03	6.77E-07	2.05E-06	1.18E-06	1.21E-06	1.10E-06	5.02E-07	4.73E-07	2.26E-08	5.46E-07	1.21E-07	1.65E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
1348	494027.3	3860302.6	1.92E-03	1.97E-03	1.86E-03	6.65E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.92E-07	4.64E-07	2.22E-08	5.36E-07	1.18E-07	1.62E-07	2.56E-07	4.52E-08	2.44E-07	1.38E-06
1349	493677.3	3860352.6	2.25E-03	2.30E-03	2.17E-03	7.78E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.76E-07	5.43E-07	2.60E-08	6.28E-07	1.38E-07	1.89E-07	3.00E-07	5.29E-08	2.85E-07	1.62E-06
1350	493727.3	3860352.6	2.21E-03	2.27E-03	2.14E-03	7.66E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.67E-07	5.35E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.21E-08	2.81E-07	1.59E-06
1351	493777.3	3860352.6	2.18E-03	2.23E-03	2.11E-03	7.55E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.59E-07	5.27E-07	2.52E-08	6.09E-07	1.34E-07	1.83E-07	2.91E-07	5.13E-08	2.77E-07	1.57E-06
1352	493827.3	3860352.6	2.14E-03	2.20E-03	2.07E-03	7.42E-07	2.24E-06	1.30E-06	1.33E-06	1.20E-06	5.50E-07	5.19E-07	2.48E-08	5.99E-07	1.32E-07	1.80E-07	2.86E-07	5.04E-08	2.72E-07	1.54E-06
1353	493877.3	3860352.6	2.10E-03	2.16E-03	2.03E-03	7.29E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.39E-07	5.09E-07	2.43E-08	5.88E-07	1.30E-07	1.77E-07	2.81E-07	4.95E-08	2.67E-07	1.52E-06
1354	493927.3	3860352.6	2.06E-03	2.11E-03	1.99E-03	7.13E-07	2.15E-06	1.25E-06	1.28E-06	1.16E-06	5.28E-07	4.98E-07	2.38E-08	5.75E-07	1.27E-07	1.73E-07	2.75E-07	4.84E-08	2.61E-07	1.48E-06
1355	493977.3	3860352.6	2.01E-03	2.06E-03	1.94E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.15E-07	4.86E-07	2.32E-08	5.61E-07	1.24E-07	1.69E-07	2.68E-07	4.73E-08	2.55E-07	1.45E-06
1356	494027.3	3860352.6	1.98E-03	2.03E-03	1.91E-03	6.86E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	5.08E-07	4.79E-07	2.29E-08	5.53E-07	1.22E-07	1.67E-07	2.64E-07	4.66E-08	2.51E-07	1.43E-06
1357	493677.3	3860402.6	2.33E-03	2.39E-03	2.25E-03	8.08E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.98E-07	5.64E-07	2.70E-08	6.52E-07	1.44E-07	1.96E-07	3.11E-07	5.49E-08	2.96E-07	1.68E-06
1358	493727.3	3860402.6	2.30E-03	2.35E-03	2.22E-03	7.95E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.89E-07	5.55E-07	2.65E-08	6.41E-07	1.41E-07	1.93E-07	3.07E-07	5.40E-08	2.91E-07	1.65E-06
1359	493777.3	3860402.6	2.24E-03	2.29E-03	2.16E-03	7.75E-07	2.34E-06	1.35E-06	1.39E-06	1.26E-06	5.74E-07	5.41E-07	2.59E-08	6.25E-07	1.38E-07	1.88E-07	2.99E-07	5.26E-08	2.84E-07	1.61E-06
1360	493827.3	3860402.6	2.21E-03	2.27E-03	2.14E-03	7.66E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.67E-07	5.35E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.20E-08	2.81E-07	1.59E-06
1361	493877.3	3860402.6	2.18E-03	2.23E-03	2.10E-03	7.54E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.58E-07	5.27E-07	2.52E-08	6.08E-07	1.34E-07	1.83E-07	2.91E-07	5.12E-08	2.76E-07	1.57E-06
1362	493927.3	3860402.6	2.12E-03	2.18E-03	2.05E-03	7.35E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.44E-07	5.14E-07	2.45E-08	5.93E-07	1.31E-07	1.79E-07	2.83E-07	5.00E-08	2.69E-07	1.53E-06
1363	493977.3	3860402.6	2.07E-03	2.12E-03	2.00E-03	7.17E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.31E-07	5.01E-07	2.39E-08	5.78E-07	1.28E-07	1.74E-07	2.76E-07	4.87E-08	2.63E-07	1.49E-06
1364	494027.3	3860402.6	2.04E-03	2.09E-03	1.97E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.24E-07	4.94E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.81E-08	2.59E-07	1.47E-06
1365	493677.3	3860452.6	2.41E-03	2.47E-03	2.33E-03	8.34E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.17E-07	5.82E-07	2.78E-08	6.73E-07	1.48E-07	2.03E-07	3.22E-07	5.67E-08	3.06E-07	1.74E-06
1366	493727.3	3860452.6	2.39E-03	2.44E-03	2.30E-03	8.26E-07	2.49E-06	1.44E-06	1.48E-06	1.34E-06	6.11E-07	5.77E-07	2.76E-08	6.66E-07	1.47E-07	2.01E-07	3.18E-07	5.61E-08	3.03E-07	1.72E-06
1367	493777.3	3860452.6	2.34E-03	2.40E-03	2.26E-03	8.11E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	6.01E-07	5.67E-07	2.71E-08	6.54E-07	1.44E-07	1.97E-07	3.13E-07	5.51E-08	2.97E-07	1.69E-06
1368	493827.3	3860452.6	2.29E-03	2.35E-03	2.21E-03	7.93E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.88E-07	5.54E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.39E-08	2.91E-07	1.65E-06
1369	493877.3	3860452.6	2.24E-03	2.30E-03	2.17E-03	7.77E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.75E-07	5.43E-07	2.59E-08	6.27E-07	1.38E-07	1.89E-07	3.00E-07	5.28E-08	2.85E-07	1.62E-06
1370	493927.3	3860452.6	2.18E-03	2.24E-03	2.11E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.60E-07	5.28E-07	2.52E-08	6.09E-07	1.34E-07	1.84E-07	2.91E-07	5.13E-08	2.77E-07	1.57E-06
1371	493977.3	3860452.6	2.15E-03	2.20E-03	2.08E-03	7.44E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.51E-07	5.20E-07	2.48E-08	6.00E-07	1.32E-07	1.81E-07	2.87E-07	5.06E-08	2.73E-07	1.55E-06
1372	494027.3	3860452.6	2.12E-03	2.17E-03	2.04E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.43E-07	5.12E-07	2.45E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.98E-08	2.69E-07	1.52E-06
1373	493677.3	3860502.6	2.50E-03	2.56E-03	2.41E-03	8.64E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.40E-07	6.03E-07	2.88E-08	6.97E-07	1.54E-07	2.10E-07	3.33E-07	5.87E-08	3.17E-07	1.80E-06
1374	493727.3	3860502.6	2.46E-03	2.52E-03	2.38E-03	8.53E-07	2.58E-06	1.49E-06	1.53E-06	1.38E-06	6.32E-07	5.96E-07	2.85E-08	6.88E-07	1.52E-07	2.07E-07	3.29E-07	5.80E-08	3.13E-07	1.78E-06
1375	493777.3	3860502.6	2.42E-03	2.48E-03	2.34E-03	8.38E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.20E-07	5.85E-07	2.80E-08	6.76E-07	1.49E-07	2.04E-07	3.23E-07	5.69E-08	3.07E-07	1.74E-06
1376	493827.3	3860502.6	2.38E-03	2.44E-03	2.30E-03	8.24E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	6.10E-07	5.75E-07	2.75E-08	6.64E-07	1.47E-07	2.00E-07	3.18E-07	5.60E-08	3.02E-07	1.71E-06
1377	493877.3	3860502.6	2.32E-03	2.38E-03	2.25E-03	8.05E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.96E-07	5.62E-07	2.69E-08	6.49E-07	1.43E-07	1.96E-07	3.10E-07	5.47E-08	2.95E-07	1.67E-06
1378	493927.3	3860502.6	2.27E-03	2.32E-03	2.19E-03	7.85E-07	2.37E-06	1.37E-06	1.40E-06	1.27E-06	5.81E-07	5.48E-07	2.62E-08	6.33E-07	1.40E-07	1.91E-07	3.03E-07	5.33E-08	2.88E-07	1.63E-06
1379	493977.3	3860502.6	2.23E-03	2.29E-03	2.16E-03	7.73E-07	2.34E-06	1.35E-06	1.38E-06	1.26E-06	5.73E-07	5.40E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.26E-08	2.84E-07	1.61E-06
1380	494027.3	3860502.6	2.20E-03	2.25E-03	2.12E-03	7.61E-07	2.30E-06	1.33E-06	1.36E-06	1.23E-06	5.63E-07	5.31E-07	2.54E-08	6.14E-07	1.35E-07	1.85E-07	2.93E-07	5.17E-08	2.79E-07	1.58E-06
1381	493627.3	3860552.6	2.64E-03	2.71E-03	2.55E-03	9.15E-07	2.76E-06	1.60E-06	1.64E-06	1.48E-06	6.77E-07	6.39E-07	3.05E-08	7.38E-07	1.63E-07	2.22E-07	3.53E-07	6.21E-08	3.35E-07	1.90E-06
1382	493677.3	3860552.6	2.60E-03	2.67E-03	2.52E-03	9.02E-07	2.72E-06	1.58E-06	1.61E-06	1.46E-06	6.68E-07	6.30E-07	3.01E-08	7.27E-07	1.60E-07	2.19E-07	3.48E-07	6.13E-08	3.31E-07	1.88E-06
1383	493727.3	3860552.6	2.57E-03	2.63E-03	2.48E-03	8.88E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.58E-07	6.20E-07	2.97E-08	7.16E-07	1.58E-07	2.16E-07	3.42E-07	6.03E-08	3.25E-07	1.85E-06
1384	493777.3	3860552.6	2.51E-03	2.58E-03	2.43E-03	8.71E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.45E-07	6.08E-07	2.91E-08	7.02E-07	1.55E-07	2.12E-07	3.36E-07	5.92E-08	3.19E-07	1.81E-06
1385	493827.3	3860552.6	2.46E-03	2.52E-03	2.37E-03	8.51E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.30E-07	5.94E-07	2.84E-08	6.86E-07	1.51E-07	2.07E-07	3.28E-07	5.78E-08	3.12E-07	1.77E-06
1386	493877.3	3860552.6	2.42E-03	2.48E-03	2.34E-03	8.37E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.20E-07	5.85E-07	2.80E-08	6.75E-07	1.49E-07	2.04E-07	3.23E-07	5.69E-08	3.07E-07	1.74E-06
1387	493927.3	3860552.6	2.37E-03	2.42E-03	2.29E-03	8.19E-07	2.47E-06	1.43E-06	1.47E-06	1.33E-06	6.07E-07	5.72E-07	2.74E-08	6.61E-07	1.46E-07	1.99E-07	3.16E-07	5.57E-08	3.00E-07	1.71E-06
1388	493977.3	3860552.6	2.31E-03	2.37E-03	2.24E-03	8.01E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.93E-07	5.60E-07	2.68E-08	6.46E-07	1.43E-07	1.95E-07	3.09E-07	5.44E-08	2.94E-07	1.67E-06
1389	494027.3	3860552.6	2.28E-03	2.34E-03	2.20E-03	7.90E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.85E-07	5.52E-07	2.64E-08	6.37E-07	1.41E-07	1.92E-07	3.05E-07	5.37E-08	2.90E-07	1.64E-06
1390	493627.3	3860602.6	2.75E-03	2.81E-03	2.65E-03	9.51E-07	2.87E-06	1.66E-06	1.70E-06	1.54E-06	7.04E-07	6.64E-07	3.18E-08	7.67E-07	1.69E-07	2.31E-07	3.67E-07	6.46E-08	3.49E-07	1.98E-06
1391	493727.3	3860602.6	2.68E-03	2.74E-03	2.59E-03	9.27E-07	2.80E-06	1.62E-06	1.66E-06	1.50E-06	6.86E-07	6.47E-07	3.09E-08	7.48E-07	1.65E-07	2.25E-07	3.57E-07	6.30E-08	3.40E-07	1.93E-06
1392	493777.3	3860602.6	2.61E-03	2.67E-03	2.52E-03	9.04E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.69E-07	6.31E-07	3.02E-08	7.29E-07	1.61E-07	2.20E-07	3.48E-07	6.14E-08	3.31E-07	1.88E-06
1393	493827.3	3860602.6	2.56E-03	2.62E-03	2.48E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.57E-07	6.19E-07	2.96E-08	7.15E-07	1.58E-07	2.16E-07	3.42E-07	6.03E-08	3.25E-07	1.85E-06

1394	493877.3	3860602.6	2.50E-03	2.56E-03	2.42E-03	8.66E-07	2.62E-06	1.51E-06	1.55E-06	1.41E-06	6.42E-07	6.05E-07	2.89E-08	6.99E-07	1.54E-07	2.11E-07	3.34E-07	5.89E-08	3.18E-07	1.80E-06
1395	493927.3	3860602.6	2.45E-03	2.51E-03	2.37E-03	8.50E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.29E-07	5.93E-07	2.84E-08	6.85E-07	1.51E-07	2.07E-07	3.28E-07	5.77E-08	3.11E-07	1.77E-06
1396	493977.3	3860602.6	2.41E-03	2.46E-03	2.32E-03	8.33E-07	2.51E-06	1.46E-06	1.49E-06	1.35E-06	6.17E-07	5.82E-07	2.78E-08	6.72E-07	1.48E-07	2.02E-07	3.21E-07	5.66E-08	3.05E-07	1.73E-06
1397	494027.3	3860602.6	2.37E-03	2.43E-03	2.29E-03	8.22E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	6.09E-07	5.74E-07	2.74E-08	6.63E-07	1.46E-07	2.00E-07	3.17E-07	5.59E-08	3.01E-07	1.71E-06
1398	493627.3	3860652.6	2.87E-03	2.94E-03	2.77E-03	9.94E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.36E-07	6.94E-07	3.32E-08	8.02E-07	1.77E-07	2.42E-07	3.83E-07	6.76E-08	3.64E-07	2.07E-06
1399	493727.3	3860652.6	2.79E-03	2.86E-03	2.69E-03	9.66E-07	2.92E-06	1.69E-06	1.73E-06	1.57E-06	7.15E-07	6.74E-07	3.22E-08	7.79E-07	1.72E-07	2.35E-07	3.72E-07	6.56E-08	3.54E-07	2.01E-06
1400	493777.3	3860652.6	2.73E-03	2.79E-03	2.63E-03	9.44E-07	2.85E-06	1.65E-06	1.69E-06	1.53E-06	6.99E-07	6.59E-07	3.15E-08	7.61E-07	1.68E-07	2.29E-07	3.64E-07	6.41E-08	3.46E-07	1.96E-06
1401	493827.3	3860652.6	2.67E-03	2.73E-03	2.58E-03	9.23E-07	2.79E-06	1.61E-06	1.65E-06	1.50E-06	6.83E-07	6.44E-07	3.08E-08	7.44E-07	1.64E-07	2.24E-07	3.56E-07	6.27E-08	3.38E-07	1.92E-06
1402	493877.3	3860652.6	2.60E-03	2.66E-03	2.51E-03	9.01E-07	2.72E-06	1.57E-06	1.61E-06	1.46E-06	6.67E-07	6.29E-07	3.01E-08	7.27E-07	1.60E-07	2.19E-07	3.47E-07	6.12E-08	3.30E-07	1.87E-06
1403	493927.3	3860652.6	2.55E-03	2.62E-03	2.47E-03	8.84E-07	2.67E-06	1.54E-06	1.58E-06	1.43E-06	6.54E-07	6.17E-07	2.95E-08	7.13E-07	1.57E-07	2.15E-07	3.41E-07	6.01E-08	3.24E-07	1.84E-06
1404	493977.3	3860652.6	2.51E-03	2.57E-03	2.42E-03	8.69E-07	2.62E-06	1.52E-06	1.55E-06	1.41E-06	6.43E-07	6.07E-07	2.90E-08	7.01E-07	1.55E-07	2.11E-07	3.35E-07	5.90E-08	3.18E-07	1.81E-06
1405	494027.3	3860652.6	2.46E-03	2.52E-03	2.37E-03	8.50E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.30E-07	5.94E-07	2.84E-08	6.86E-07	1.51E-07	2.07E-07	3.28E-07	5.78E-08	3.12E-07	1.77E-06
1406	494311.1	3858402	6.85E-04	7.01E-04	6.62E-04	2.37E-07	7.16E-07	4.14E-07	4.24E-07	3.85E-07	1.76E-07	1.66E-07	7.92E-09	1.91E-07	4.22E-08	5.76E-08	9.14E-08	1.61E-08	8.69E-08	4.93E-07
1407	494361.1	3858402	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
1408	494411.1	3858402	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
1409	494461.1	3858402	6.70E-04	6.86E-04	6.47E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.72E-07	1.62E-07	7.75E-09	1.87E-07	4.13E-08	5.64E-08	8.94E-08	1.58E-08	8.50E-08	4.83E-07
1410	494511.1	3858402	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
1411	494561.1	3858402	6.63E-04	6.79E-04	6.40E-04	2.29E-07	6.93E-07	4.01E-07	4.11E-07	3.72E-07	1.70E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.58E-08	8.85E-08	1.56E-08	8.41E-08	4.77E-07
1412	494611.1	3858402	6.57E-04	6.73E-04	6.35E-04	2.27E-07	6.86E-07	3.97E-07	4.07E-07	3.69E-07	1.68E-07	1.59E-07	7.59E-09	1.83E-07	4.05E-08	5.53E-08	8.77E-08	1.54E-08	8.33E-08	4.73E-07
1413	494661.1	3858402	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
1414	494711.1	3858402	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
1415	494761.1	3858402	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
1416	494811.1	3858402	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
1417	494861.1	3858402	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
1418	494911.1	3858402	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
1419	494961.1	3858402	6.26E-04	6.41E-04	6.05E-04	2.17E-07	6.54E-07	3.79E-07	3.88E-07	3.52E-07	1.60E-07	1.51E-07	7.23E-09	1.75E-07	3.86E-08	5.27E-08	8.35E-08	1.47E-08	7.94E-08	4.51E-07
1420	495011.1	3858402	6.21E-04	6.36E-04	6.00E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.59E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	5.23E-08	8.29E-08	1.46E-08	7.88E-08	4.48E-07
1421	495061.1	3858402	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
1422	495111.1	3858402	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
1423	495161.1	3858402	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
1424	495211.1	3858402	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
1425	495261.1	3858402	5.96E-04	6.11E-04	5.76E-04	2.06E-07	6.23E-07	3.61E-07	3.70E-07	3.35E-07	1.53E-07	1.44E-07	6.89E-09	1.66E-07	3.67E-08	5.02E-08	7.96E-08	1.40E-08	7.57E-08	4.30E-07
1426	495311.1	3858402	5.93E-04	6.08E-04	5.73E-04	2.05E-07	6.20E-07	3.59E-07	3.68E-07	3.33E-07	1.52E-07	1.43E-07	6.86E-09	1.66E-07	3.66E-08	4.99E-08	7.92E-08	1.40E-08	7.53E-08	4.27E-07
1427	495361.1	3858402	5.90E-04	6.05E-04	5.70E-04	2.04E-07	6.17E-07	3.57E-07	3.66E-07	3.32E-07	1.51E-07	1.43E-07	6.82E-09	1.65E-07	3.64E-08	4.97E-08	7.88E-08	1.39E-08	7.49E-08	4.25E-07
1428	495411.1	3858402	5.87E-04	6.02E-04	5.67E-04	2.03E-07	6.14E-07	3.55E-07	3.64E-07	3.30E-07	1.51E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.94E-08	7.84E-08	1.38E-08	7.45E-08	4.23E-07
1429	495461.1	3858402	5.86E-04	6.00E-04	5.66E-04	2.03E-07	6.12E-07	3.55E-07	3.63E-07	3.29E-07	1.50E-07	1.42E-07	6.77E-09	1.64E-07	3.61E-08	4.93E-08	7.82E-08	1.38E-08	7.44E-08	4.22E-07
1430	495511.1	3858402	5.84E-04	5.99E-04	5.65E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.50E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.92E-08	7.80E-08	1.37E-08	7.42E-08	4.21E-07
1431	495561.1	3858402	5.80E-04	5.94E-04	5.60E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.49E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.36E-08	7.36E-08	4.18E-07
1432	495611.1	3858402	5.79E-04	5.93E-04	5.59E-04	2.00E-07	6.05E-07	3.50E-07	3.59E-07	3.25E-07	1.48E-07	1.40E-07	6.69E-09	1.62E-07	3.56E-08	4.87E-08	7.72E-08	1.36E-08	7.34E-08	4.17E-07
1433	495661.1	3858402	5.80E-04	5.94E-04	5.60E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.49E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.36E-08	7.36E-08	4.18E-07
1434	494311.1	3858452	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
1435	494361.1	3858452	6.95E-04	7.12E-04	6.72E-04	2.41E-07	7.27E-07	4.21E-07	4.31E-07	3.91E-07	1.78E-07	1.68E-07	8.04E-09	1.94E-07	4.28E-08	5.85E-08	9.28E-08	1.64E-08	8.82E-08	5.01E-07
1436	494411.1	3858452	6.91E-04	7.07E-04	6.67E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.77E-07	1.67E-07	7.98E-09	1.93E-07	4.26E-08	5.81E-08	9.22E-08	1.62E-08	8.76E-08	4.98E-07
1437	494461.1	3858452	6.85E-04	7.01E-04	6.62E-04	2.37E-07	7.16E-07	4.14E-07	4.24E-07	3.85E-07	1.76E-07	1.66E-07	7.92E-09	1.91E-07	4.22E-08	5.76E-08	9.14E-08	1.61E-08	8.69E-08	4.93E-07
1438	494511.1	3858452	6.82E-04	6.98E-04	6.59E-04	2.36E-07	7.13E-07	4.13E-07	4.23E-07	3.83E-07	1.75E-07	1.65E-07	7.88E-09	1.90E-07	4.20E-08	5.74E-08	9.10E-08	1.60E-08	8.65E-08	4.91E-07
1439	494561.1	3858452	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
1440	494611.1	3858452	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
1441	494661.1	3858452	6.67E-04	6.83E-04	6.44E-04	2.31E-07	6.97E-07	4.04E-07	4.13E-07	3.75E-07	1.71E-07	1.61E-07	7.71E-09	1.86E-07	4.11E-08	5.61E-08	8.90E-08	1.57E-08	8.47E-08	4.81E-07
1442	494711.1	3858452	6.61E-04	6.77E-04	6.39E-04	2.29E-07	6.91E-07	4.00E-07	4.10E-07	3.71E-07	1.69E-07	1.60E-07	7.64E-09	1.85E-07	4.07E-08	5.56E-08	8.83E-08	1.56E-08	8.39E-08	4.76E-07
1443	494761.1	3858452	6.57E-04	6.73E-04	6.35E-04	2.27E-07	6.86E-07	3.97E-07	4.07E-07	3.69E-07	1.68E-07	1.59E-07	7.59E-09	1.83E-07	4.05E-08	5.53E-08	8.77E-08	1.54E-08	8.33E-08	4.73E-07
1444	494811.1	3858452	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
1445	494861.1	3858452	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
1446	494911.1	3858452	6.41E-04	6.56E-04	6.19E-04	2.22E-07	6.69E-07	3.88E-07	3.97E-07	3.60E-07	1.64E-07	1.55E-07	7.40E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.51E-08	8.13E-08	4.61E-07
1447	494961.1	3858452	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
1448	495011.1	3858452	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
1449	495061.1	3858452	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07

1450	495111.1	3858452	6.21E-04	6.36E-04	6.00E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.59E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	5.23E-08	8.29E-08	1.46E-08	7.88E-08	4.48E-07
1451	495161.1	3858452	6.15E-04	6.30E-04	5.95E-04	2.13E-07	6.43E-07	3.72E-07	3.81E-07	3.46E-07	1.58E-07	1.49E-07	7.11E-09	1.72E-07	3.79E-08	5.18E-08	8.21E-08	1.45E-08	7.81E-08	4.43E-07
1452	495211.1	3858452	6.11E-04	6.26E-04	5.90E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.57E-07	1.48E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.16E-08	1.44E-08	7.75E-08	4.40E-07
1453	495261.1	3858452	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
1454	495311.1	3858452	6.02E-04	6.17E-04	5.82E-04	2.08E-07	6.29E-07	3.64E-07	3.73E-07	3.38E-07	1.54E-07	1.46E-07	6.96E-09	1.68E-07	3.71E-08	5.07E-08	8.04E-08	1.42E-08	7.64E-08	4.34E-07
1455	495361.1	3858452	5.99E-04	6.14E-04	5.79E-04	2.07E-07	6.26E-07	3.63E-07	3.71E-07	3.37E-07	1.54E-07	1.45E-07	6.93E-09	1.67E-07	3.69E-08	5.04E-08	8.00E-08	1.41E-08	7.60E-08	4.32E-07
1456	495411.1	3858452	5.98E-04	6.12E-04	5.77E-04	2.07E-07	6.25E-07	3.62E-07	3.70E-07	3.36E-07	1.53E-07	1.45E-07	6.91E-09	1.67E-07	3.68E-08	5.03E-08	7.98E-08	1.41E-08	7.58E-08	4.31E-07
1457	495461.1	3858452	5.96E-04	6.11E-04	5.76E-04	2.06E-07	6.23E-07	3.61E-07	3.70E-07	3.35E-07	1.53E-07	1.44E-07	6.89E-09	1.66E-07	3.67E-08	5.02E-08	7.96E-08	1.40E-08	7.57E-08	4.30E-07
1458	495511.1	3858452	5.93E-04	6.08E-04	5.73E-04	2.05E-07	6.20E-07	3.59E-07	3.68E-07	3.33E-07	1.52E-07	1.43E-07	6.86E-09	1.66E-07	3.66E-08	4.99E-08	7.92E-08	1.40E-08	7.53E-08	4.27E-07
1459	495561.1	3858452	5.92E-04	6.06E-04	5.72E-04	2.05E-07	6.19E-07	3.58E-07	3.67E-07	3.32E-07	1.52E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.98E-08	7.90E-08	1.39E-08	7.51E-08	4.26E-07
1460	495611.1	3858452	5.89E-04	6.03E-04	5.69E-04	2.04E-07	6.15E-07	3.56E-07	3.65E-07	3.31E-07	1.51E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.95E-08	7.86E-08	1.39E-08	7.47E-08	4.24E-07
1461	495661.1	3858452	5.87E-04	6.02E-04	5.67E-04	2.03E-07	6.14E-07	3.55E-07	3.64E-07	3.30E-07	1.51E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.94E-08	7.84E-08	1.38E-08	7.45E-08	4.23E-07
1462	494311.1	3858502	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
1463	494361.1	3858502	7.10E-04	7.27E-04	6.86E-04	2.46E-07	7.42E-07	4.30E-07	4.40E-07	3.99E-07	1.82E-07	1.72E-07	8.21E-09	1.98E-07	4.37E-08	5.97E-08	9.48E-08	1.67E-08	9.01E-08	5.11E-07
1464	494411.1	3858502	7.04E-04	7.21E-04	6.80E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.80E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.66E-08	8.93E-08	5.07E-07
1465	494461.1	3858502	7.00E-04	7.17E-04	6.76E-04	2.42E-07	7.31E-07	4.23E-07	4.34E-07	3.93E-07	1.79E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.89E-08	9.34E-08	1.65E-08	8.88E-08	5.04E-07
1466	494511.1	3858502	6.94E-04	7.10E-04	6.70E-04	2.40E-07	7.25E-07	4.20E-07	4.30E-07	3.90E-07	1.78E-07	1.68E-07	8.02E-09	1.94E-07	4.27E-08	5.84E-08	9.26E-08	1.63E-08	8.80E-08	5.00E-07
1467	494561.1	3858502	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
1468	494611.1	3858502	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
1469	494661.1	3858502	6.82E-04	6.98E-04	6.59E-04	2.36E-07	7.13E-07	4.13E-07	4.23E-07	3.83E-07	1.75E-07	1.65E-07	7.88E-09	1.90E-07	4.20E-08	5.74E-08	9.10E-08	1.60E-08	8.65E-08	4.91E-07
1470	494711.1	3858502	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
1471	494761.1	3858502	6.70E-04	6.86E-04	6.47E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.72E-07	1.62E-07	7.75E-09	1.87E-07	4.13E-08	5.64E-08	8.94E-08	1.58E-08	8.50E-08	4.83E-07
1472	494811.1	3858502	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
1473	494861.1	3858502	6.60E-04	6.76E-04	6.37E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.69E-07	1.60E-07	7.63E-09	1.84E-07	4.06E-08	5.55E-08	8.81E-08	1.55E-08	8.37E-08	4.75E-07
1474	494911.1	3858502	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
1475	494961.1	3858502	6.48E-04	6.64E-04	6.26E-04	2.24E-07	6.77E-07	3.92E-07	4.02E-07	3.64E-07	1.66E-07	1.57E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.65E-08	1.52E-08	8.22E-08	4.67E-07
1476	495011.1	3858502	6.42E-04	6.58E-04	6.20E-04	2.22E-07	6.71E-07	3.88E-07	3.98E-07	3.61E-07	1.65E-07	1.55E-07	7.42E-09	1.79E-07	3.96E-08	5.40E-08	8.57E-08	1.51E-08	8.15E-08	4.63E-07
1477	495061.1	3858502	6.38E-04	6.53E-04	6.16E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.63E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.51E-08	1.50E-08	8.09E-08	4.59E-07
1478	495111.1	3858502	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
1479	495161.1	3858502	6.26E-04	6.41E-04	6.05E-04	2.17E-07	6.54E-07	3.79E-07	3.88E-07	3.52E-07	1.60E-07	1.51E-07	7.23E-09	1.75E-07	3.86E-08	5.27E-08	8.35E-08	1.47E-08	7.94E-08	4.51E-07
1480	495211.1	3858502	6.20E-04	6.35E-04	5.99E-04	2.15E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.59E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	5.22E-08	8.27E-08	1.46E-08	7.87E-08	4.47E-07
1481	495261.1	3858502	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
1482	495311.1	3858502	6.14E-04	6.29E-04	5.93E-04	2.13E-07	6.42E-07	3.71E-07	3.80E-07	3.45E-07	1.57E-07	1.48E-07	7.10E-09	1.71E-07	3.78E-08	5.17E-08	8.20E-08	1.44E-08	7.79E-08	4.42E-07
1483	495361.1	3858502	6.11E-04	6.26E-04	5.90E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.57E-07	1.48E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.16E-08	1.44E-08	7.75E-08	4.40E-07
1484	495411.1	3858502	6.08E-04	6.23E-04	5.87E-04	2.10E-07	6.36E-07	3.68E-07	3.77E-07	3.42E-07	1.56E-07	1.47E-07	7.03E-09	1.70E-07	3.75E-08	5.12E-08	8.12E-08	1.43E-08	7.72E-08	4.38E-07
1485	495461.1	3858502	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
1486	495511.1	3858502	6.04E-04	6.18E-04	5.83E-04	2.09E-07	6.31E-07	3.65E-07	3.74E-07	3.39E-07	1.55E-07	1.46E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.42E-08	7.66E-08	4.35E-07
1487	495561.1	3858502	6.04E-04	6.18E-04	5.83E-04	2.09E-07	6.31E-07	3.65E-07	3.74E-07	3.39E-07	1.55E-07	1.46E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.42E-08	7.66E-08	4.35E-07
1488	495611.1	3858502	5.99E-04	6.14E-04	5.79E-04	2.07E-07	6.26E-07	3.63E-07	3.71E-07	3.37E-07	1.54E-07	1.45E-07	6.93E-09	1.67E-07	3.69E-08	5.04E-08	8.00E-08	1.41E-08	7.60E-08	4.32E-07
1489	495661.1	3858502	5.98E-04	6.12E-04	5.77E-04	2.07E-07	6.25E-07	3.62E-07	3.70E-07	3.36E-07	1.53E-07	1.45E-07	6.91E-09	1.67E-07	3.68E-08	5.03E-08	7.98E-08	1.41E-08	7.58E-08	4.31E-07
1490	494311.1	3858552	7.19E-04	7.36E-04	6.94E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.84E-07	1.74E-07	8.31E-09	2.01E-07	4.43E-08	6.05E-08	9.59E-08	1.69E-08	9.12E-08	5.18E-07
1491	494361.1	3858552	7.19E-04	7.36E-04	6.94E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.84E-07	1.74E-07	8.31E-09	2.01E-07	4.43E-08	6.05E-08	9.59E-08	1.69E-08	9.12E-08	5.18E-07
1492	494411.1	3858552	7.20E-04	7.38E-04	6.96E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.05E-07	1.85E-07	1.74E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.69E-08	9.14E-08	5.19E-07
1493	494461.1	3858552	7.17E-04	7.35E-04	6.93E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.84E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.69E-08	9.10E-08	5.17E-07
1494	494511.1	3858552	7.13E-04	7.30E-04	6.89E-04	2.47E-07	7.45E-07	4.31E-07	4.42E-07	4.00E-07	1.83E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	6.00E-08	9.52E-08	1.68E-08	9.05E-08	5.14E-07
1495	494561.1	3858552	7.08E-04	7.26E-04	6.84E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.82E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.46E-08	1.67E-08	8.99E-08	5.10E-07
1496	494611.1	3858552	7.04E-04	7.21E-04	6.80E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.80E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.66E-08	8.93E-08	5.07E-07
1497	494661.1	3858552	7.00E-04	7.17E-04	6.76E-04	2.42E-07	7.31E-07	4.23E-07	4.34E-07	3.93E-07	1.79E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.89E-08	9.34E-08	1.65E-08	8.88E-08	5.04E-07
1498	494711.1	3858552	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
1499	494761.1	3858552	6.85E-04	7.01E-04	6.62E-04	2.37E-07	7.16E-07	4.14E-07	4.24E-07	3.85E-07	1.76E-07	1.66E-07	7.92E-09	1.91E-07	4.22E-08	5.76E-08	9.14E-08	1.61E-08	8.69E-08	4.93E-07
1500	494811.1	3858552	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
1501	494861.1	3858552	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
1502	494911.1	3858552	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
1503	494961.1	3858552	6.60E-04	6.76E-04	6.37E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.69E-07	1.60E-07	7.63E-09	1.84E-07	4.06E-08	5.55E-08	8.81E-08	1.55E-08	8.37E-08	4.75E-07
1504	495011.1	3858552	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
1505	495061.1	3858552	6.48E-04	6.64E-04	6.26E-04	2.24E-07	6.77E-07	3.92E-07	4.02E-07	3.64E-07	1.66E-07	1.57E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.65E-08	1.52E-08	8.22E-08	4.67E-07

1506	495111.1	3858552	6.41E-04	6.56E-04	6.19E-04	2.22E-07	6.69E-07	3.88E-07	3.97E-07	3.60E-07	1.64E-07	1.55E-07	7.40E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.51E-08	8.13E-08	4.61E-07
1507	495161.1	3858552	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
1508	495211.1	3858552	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
1509	495261.1	3858552	6.26E-04	6.41E-04	6.05E-04	2.17E-07	6.54E-07	3.79E-07	3.88E-07	3.52E-07	1.60E-07	1.51E-07	7.23E-09	1.75E-07	3.86E-08	5.27E-08	8.35E-08	1.47E-08	7.94E-08	4.51E-07
1510	495311.1	3858552	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
1511	495361.1	3858552	6.21E-04	6.36E-04	6.00E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.59E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	5.23E-08	8.29E-08	1.46E-08	7.88E-08	4.48E-07
1512	495411.1	3858552	6.20E-04	6.35E-04	5.99E-04	2.15E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.59E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	5.22E-08	8.27E-08	1.46E-08	7.87E-08	4.47E-07
1513	495461.1	3858552	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
1514	495511.1	3858552	6.15E-04	6.30E-04	5.95E-04	2.13E-07	6.43E-07	3.72E-07	3.81E-07	3.46E-07	1.58E-07	1.49E-07	7.11E-09	1.72E-07	3.79E-08	5.18E-08	8.21E-08	1.45E-08	7.81E-08	4.43E-07
1515	495561.1	3858552	6.12E-04	6.27E-04	5.92E-04	2.12E-07	6.40E-07	3.71E-07	3.80E-07	3.44E-07	1.57E-07	1.48E-07	7.08E-09	1.71E-07	3.77E-08	5.15E-08	8.18E-08	1.44E-08	7.77E-08	4.41E-07
1516	495611.1	3858552	6.11E-04	6.26E-04	5.90E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.57E-07	1.48E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.16E-08	1.44E-08	7.75E-08	4.40E-07
1517	495661.1	3858552	6.08E-04	6.23E-04	5.87E-04	2.10E-07	6.36E-07	3.68E-07	3.77E-07	3.42E-07	1.56E-07	1.47E-07	7.03E-09	1.70E-07	3.75E-08	5.12E-08	8.12E-08	1.43E-08	7.72E-08	4.38E-07
1518	494311.1	3858602	7.17E-04	7.35E-04	6.93E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.84E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.69E-08	9.10E-08	5.17E-07
1519	494361.1	3858602	7.28E-04	7.45E-04	7.03E-04	2.52E-07	7.60E-07	4.40E-07	4.51E-07	4.09E-07	1.87E-07	1.76E-07	8.41E-09	2.03E-07	4.48E-08	6.12E-08	9.71E-08	1.71E-08	9.23E-08	5.24E-07
1520	494411.1	3858602	7.38E-04	7.56E-04	7.13E-04	2.55E-07	7.71E-07	4.47E-07	4.57E-07	4.15E-07	1.89E-07	1.78E-07	8.53E-09	2.06E-07	4.55E-08	6.21E-08	9.85E-08	1.74E-08	9.36E-08	5.32E-07
1521	494461.1	3858602	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
1522	494511.1	3858602	7.26E-04	7.44E-04	7.02E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.86E-07	1.76E-07	8.39E-09	2.03E-07	4.47E-08	6.11E-08	9.69E-08	1.71E-08	9.21E-08	5.23E-07
1523	494561.1	3858602	7.26E-04	7.44E-04	7.02E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.86E-07	1.76E-07	8.39E-09	2.03E-07	4.47E-08	6.11E-08	9.69E-08	1.71E-08	9.21E-08	5.23E-07
1524	494611.1	3858602	7.20E-04	7.38E-04	6.96E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.05E-07	1.85E-07	1.74E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.69E-08	9.14E-08	5.19E-07
1525	494661.1	3858602	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
1526	494711.1	3858602	7.08E-04	7.26E-04	6.84E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.82E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.46E-08	1.67E-08	8.99E-08	5.10E-07
1527	494761.1	3858602	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
1528	494811.1	3858602	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
1529	494861.1	3858602	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
1530	494911.1	3858602	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
1531	494961.1	3858602	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
1532	495011.1	3858602	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
1533	495061.1	3858602	6.60E-04	6.76E-04	6.37E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.69E-07	1.60E-07	7.63E-09	1.84E-07	4.06E-08	5.55E-08	8.81E-08	1.55E-08	8.37E-08	4.75E-07
1534	495111.1	3858602	6.51E-04	6.67E-04	6.29E-04	2.25E-07	6.80E-07	3.94E-07	4.03E-07	3.66E-07	1.67E-07	1.57E-07	7.52E-09	1.82E-07	4.01E-08	5.48E-08	8.69E-08	1.53E-08	8.26E-08	4.69E-07
1535	495161.1	3858602	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
1536	495211.1	3858602	6.42E-04	6.58E-04	6.20E-04	2.22E-07	6.71E-07	3.88E-07	3.98E-07	3.61E-07	1.65E-07	1.55E-07	7.42E-09	1.79E-07	3.96E-08	5.40E-08	8.57E-08	1.51E-08	8.15E-08	4.63E-07
1537	495261.1	3858602	6.38E-04	6.53E-04	6.16E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.63E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.51E-08	1.50E-08	8.09E-08	4.59E-07
1538	495311.1	3858602	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
1539	495361.1	3858602	6.32E-04	6.47E-04	6.10E-04	2.19E-07	6.60E-07	3.82E-07	3.91E-07	3.55E-07	1.62E-07	1.53E-07	7.30E-09	1.76E-07	3.89E-08	5.31E-08	8.43E-08	1.49E-08	8.02E-08	4.55E-07
1540	495411.1	3858602	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
1541	495461.1	3858602	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
1542	495511.1	3858602	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
1543	495561.1	3858602	6.23E-04	6.38E-04	6.02E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.60E-07	1.51E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.47E-08	7.90E-08	4.49E-07
1544	495611.1	3858602	6.20E-04	6.35E-04	5.99E-04	2.15E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.59E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	5.22E-08	8.27E-08	1.46E-08	7.87E-08	4.47E-07
1545	495661.1	3858602	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
1546	494311.1	3858652	7.26E-04	7.44E-04	7.02E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.86E-07	1.76E-07	8.39E-09	2.03E-07	4.47E-08	6.11E-08	9.69E-08	1.71E-08	9.21E-08	5.23E-07
1547	494361.1	3858652	7.36E-04	7.54E-04	7.11E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.14E-07	1.89E-07	1.78E-07	8.51E-09	2.06E-07	4.54E-08	6.20E-08	9.83E-08	1.73E-08	9.35E-08	5.31E-07
1548	494411.1	3858652	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
1549	494461.1	3858652	7.51E-04	7.69E-04	7.26E-04	2.60E-07	7.85E-07	4.55E-07	4.66E-07	4.22E-07	1.93E-07	1.82E-07	8.68E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.77E-08	9.53E-08	5.41E-07
1550	494511.1	3858652	7.47E-04	7.65E-04	7.21E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.91E-07	1.81E-07	8.63E-09	2.09E-07	4.60E-08	6.28E-08	9.97E-08	1.76E-08	9.48E-08	5.38E-07
1551	494561.1	3858652	7.42E-04	7.60E-04	7.17E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.90E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	6.25E-08	9.91E-08	1.75E-08	9.42E-08	5.35E-07
1552	494611.1	3858652	7.38E-04	7.56E-04	7.13E-04	2.55E-07	7.71E-07	4.47E-07	4.57E-07	4.15E-07	1.89E-07	1.78E-07	8.53E-09	2.06E-07	4.55E-08	6.21E-08	9.85E-08	1.74E-08	9.36E-08	5.32E-07
1553	494661.1	3858652	7.31E-04	7.48E-04	7.06E-04	2.53E-07	7.64E-07	4.42E-07	4.53E-07	4.10E-07	1.87E-07	1.77E-07	8.44E-09	2.04E-07	4.50E-08	6.15E-08	9.75E-08	1.72E-08	9.27E-08	5.26E-07
1554	494711.1	3858652	7.23E-04	7.41E-04	6.99E-04	2.50E-07	7.56E-07	4.38E-07	4.48E-07	4.06E-07	1.85E-07	1.75E-07	8.36E-09	2.02E-07	4.46E-08	6.08E-08	9.65E-08	1.70E-08	9.18E-08	5.21E-07
1555	494761.1	3858652	7.17E-04	7.35E-04	6.93E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.84E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.69E-08	9.10E-08	5.17E-07
1556	494811.1	3858652	7.08E-04	7.26E-04	6.84E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.82E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.46E-08	1.67E-08	8.99E-08	5.10E-07
1557	494861.1	3858652	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
1558	494911.1	3858652	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
1559	494961.1	3858652	6.85E-04	7.01E-04	6.62E-04	2.37E-07	7.16E-07	4.14E-07	4.24E-07	3.85E-07	1.76E-07	1.66E-07	7.92E-09	1.91E-07	4.22E-08	5.76E-08	9.14E-08	1.61E-08	8.69E-08	4.93E-07
1560	495011.1	3858652	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
1561	495061.1	3858652	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07

1562	495111.1	3858652	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
1563	495161.1	3858652	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
1564	495211.1	3858652	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
1565	495261.1	3858652	6.49E-04	6.65E-04	6.27E-04	2.25E-07	6.79E-07	3.93E-07	4.02E-07	3.65E-07	1.66E-07	1.57E-07	7.51E-09	1.81E-07	4.00E-08	5.46E-08	8.67E-08	1.53E-08	8.24E-08	4.68E-07
1566	495311.1	3858652	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
1567	495361.1	3858652	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
1568	495411.1	3858652	6.42E-04	6.58E-04	6.20E-04	2.22E-07	6.71E-07	3.88E-07	3.98E-07	3.61E-07	1.65E-07	1.55E-07	7.42E-09	1.79E-07	3.96E-08	5.40E-08	8.57E-08	1.51E-08	8.15E-08	4.63E-07
1569	495461.1	3858652	6.41E-04	6.56E-04	6.19E-04	2.22E-07	6.69E-07	3.88E-07	3.97E-07	3.60E-07	1.64E-07	1.55E-07	7.40E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.51E-08	8.13E-08	4.61E-07
1570	495511.1	3858652	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
1571	495561.1	3858652	6.33E-04	6.48E-04	6.12E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.62E-07	1.53E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.49E-08	8.03E-08	4.56E-07
1572	495611.1	3858652	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
1573	495661.1	3858652	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
1574	494311.1	3858702	7.44E-04	7.62E-04	7.19E-04	2.57E-07	7.77E-07	4.50E-07	4.61E-07	4.18E-07	1.91E-07	1.80E-07	8.60E-09	2.08E-07	4.58E-08	6.26E-08	9.93E-08	1.75E-08	9.44E-08	5.36E-07
1575	494361.1	3858702	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
1576	494411.1	3858702	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
1577	494461.1	3858702	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
1578	494511.1	3858702	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
1579	494561.1	3858702	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
1580	494611.1	3858702	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
1581	494661.1	3858702	7.47E-04	7.65E-04	7.21E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.91E-07	1.81E-07	8.63E-09	2.09E-07	4.60E-08	6.28E-08	9.97E-08	1.76E-08	9.48E-08	5.38E-07
1582	494711.1	3858702	7.29E-04	7.47E-04	7.04E-04	2.52E-07	7.62E-07	4.41E-07	4.52E-07	4.10E-07	1.87E-07	1.76E-07	8.43E-09	2.04E-07	4.49E-08	6.13E-08	9.73E-08	1.72E-08	9.25E-08	5.25E-07
1583	494761.1	3858702	7.31E-04	7.48E-04	7.06E-04	2.53E-07	7.64E-07	4.42E-07	4.53E-07	4.10E-07	1.87E-07	1.77E-07	8.44E-09	2.04E-07	4.50E-08	6.15E-08	9.75E-08	1.72E-08	9.27E-08	5.26E-07
1584	494811.1	3858702	7.22E-04	7.39E-04	6.97E-04	2.50E-07	7.54E-07	4.37E-07	4.47E-07	4.05E-07	1.85E-07	1.75E-07	8.34E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.70E-08	9.16E-08	5.20E-07
1585	494861.1	3858702	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
1586	494911.1	3858702	7.08E-04	7.26E-04	6.84E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.82E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.46E-08	1.67E-08	8.99E-08	5.10E-07
1587	494961.1	3858702	6.97E-04	7.13E-04	6.73E-04	2.41E-07	7.28E-07	4.21E-07	4.32E-07	3.91E-07	1.79E-07	1.68E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.64E-08	8.84E-08	5.02E-07
1588	495011.1	3858702	6.89E-04	7.06E-04	6.66E-04	2.39E-07	7.20E-07	4.17E-07	4.27E-07	3.87E-07	1.77E-07	1.67E-07	7.97E-09	1.92E-07	4.25E-08	5.80E-08	9.20E-08	1.62E-08	8.75E-08	4.97E-07
1589	495061.1	3858702	6.85E-04	7.01E-04	6.62E-04	2.37E-07	7.16E-07	4.14E-07	4.24E-07	3.85E-07	1.76E-07	1.66E-07	7.92E-09	1.91E-07	4.22E-08	5.76E-08	9.14E-08	1.61E-08	8.69E-08	4.93E-07
1590	495111.1	3858702	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
1591	495161.1	3858702	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
1592	495211.1	3858702	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
1593	495261.1	3858702	6.63E-04	6.79E-04	6.40E-04	2.29E-07	6.93E-07	4.01E-07	4.11E-07	3.72E-07	1.70E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.58E-08	8.85E-08	1.56E-08	8.41E-08	4.77E-07
1594	495311.1	3858702	6.60E-04	6.76E-04	6.37E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.69E-07	1.60E-07	7.63E-09	1.84E-07	4.06E-08	5.55E-08	8.81E-08	1.55E-08	8.37E-08	4.75E-07
1595	495361.1	3858702	6.57E-04	6.73E-04	6.35E-04	2.27E-07	6.86E-07	3.97E-07	4.07E-07	3.69E-07	1.68E-07	1.59E-07	7.59E-09	1.83E-07	4.05E-08	5.53E-08	8.77E-08	1.54E-08	8.33E-08	4.73E-07
1596	495411.1	3858702	6.55E-04	6.71E-04	6.33E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.68E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.75E-08	1.54E-08	8.32E-08	4.72E-07
1597	495461.1	3858702	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
1598	495511.1	3858702	6.48E-04	6.64E-04	6.26E-04	2.24E-07	6.77E-07	3.92E-07	4.02E-07	3.64E-07	1.66E-07	1.57E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.65E-08	1.52E-08	8.22E-08	4.67E-07
1599	495561.1	3858702	6.45E-04	6.61E-04	6.23E-04	2.23E-07	6.74E-07	3.90E-07	4.00E-07	3.62E-07	1.65E-07	1.56E-07	7.46E-09	1.80E-07	3.97E-08	5.43E-08	8.61E-08	1.52E-08	8.18E-08	4.65E-07
1600	495611.1	3858702	6.41E-04	6.56E-04	6.19E-04	2.22E-07	6.69E-07	3.88E-07	3.97E-07	3.60E-07	1.64E-07	1.55E-07	7.40E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.51E-08	8.13E-08	4.61E-07
1601	495661.1	3858702	6.38E-04	6.53E-04	6.16E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.63E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.51E-08	1.50E-08	8.09E-08	4.59E-07
1602	494311.1	3858752	7.60E-04	7.78E-04	7.34E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.95E-07	1.84E-07	8.79E-09	2.12E-07	4.68E-08	6.40E-08	1.01E-07	1.79E-08	9.65E-08	5.48E-07
1603	494361.1	3858752	7.81E-04	8.00E-04	7.54E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.39E-07	2.00E-07	1.89E-07	9.02E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.84E-08	9.91E-08	5.62E-07
1604	494411.1	3858752	7.88E-04	8.07E-04	7.61E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.43E-07	2.02E-07	1.91E-07	9.11E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.85E-08	1.00E-07	5.68E-07
1605	494461.1	3858752	7.84E-04	8.03E-04	7.57E-04	2.71E-07	8.19E-07	4.74E-07	4.86E-07	4.40E-07	2.01E-07	1.89E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.84E-08	9.94E-08	5.65E-07
1606	494511.1	3858752	7.85E-04	8.04E-04	7.59E-04	2.72E-07	8.21E-07	4.75E-07	4.87E-07	4.41E-07	2.01E-07	1.90E-07	9.08E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.85E-08	9.96E-08	5.66E-07
1607	494561.1	3858752	7.75E-04	7.94E-04	7.49E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.99E-07	1.87E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.82E-08	9.83E-08	5.58E-07
1608	494611.1	3858752	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
1609	494661.1	3858752	7.60E-04	7.78E-04	7.34E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.95E-07	1.84E-07	8.79E-09	2.12E-07	4.68E-08	6.40E-08	1.01E-07	1.79E-08	9.65E-08	5.48E-07
1610	494711.1	3858752	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
1611	494761.1	3858752	7.47E-04	7.65E-04	7.21E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.91E-07	1.81E-07	8.63E-09	2.09E-07	4.60E-08	6.28E-08	9.97E-08	1.76E-08	9.48E-08	5.38E-07
1612	494811.1	3858752	7.36E-04	7.54E-04	7.11E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.14E-07	1.89E-07	1.78E-07	8.51E-09	2.06E-07	4.54E-08	6.20E-08	9.83E-08	1.73E-08	9.35E-08	5.31E-07
1613	494861.1	3858752	7.28E-04	7.45E-04	7.03E-04	2.52E-07	7.60E-07	4.40E-07	4.51E-07	4.09E-07	1.87E-07	1.76E-07	8.41E-09	2.03E-07	4.48E-08	6.12E-08	9.71E-08	1.71E-08	9.23E-08	5.24E-07
1614	494911.1	3858752	7.19E-04	7.36E-04	6.94E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.84E-07	1.74E-07	8.31E-09	2.01E-07	4.43E-08	6.05E-08	9.59E-08	1.69E-08	9.12E-08	5.18E-07
1615	494961.1	3858752	7.11E-04	7.29E-04	6.87E-04	2.46E-07	7.44E-07	4.30E-07	4.41E-07	4.00E-07	1.82E-07	1.72E-07	8.22E-09	1.99E-07	4.38E-08	5.99E-08	9.50E-08	1.67E-08	9.03E-08	5.12E-07
1616	495011.1	3858752	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
1617	495061.1	3858752	6.98E-04	7.15E-04	6.74E-04	2.42E-07	7.30E-07	4.22E-07	4.33E-07	3.92E-07	1.79E-07	1.69E-07	8.07E-09	1.95E-07	4.30E-08	5.87E-08	9.32E-08	1.64E-08	8.86E-08	5.03E-07

1618	495111.1	3858752	6.91E-04	7.07E-04	6.67E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.77E-07	1.67E-07	7.98E-09	1.93E-07	4.26E-08	5.81E-08	9.22E-08	1.62E-08	8.76E-08	4.98E-07
1619	495161.1	3858752	6.85E-04	7.01E-04	6.62E-04	2.37E-07	7.16E-07	4.14E-07	4.24E-07	3.85E-07	1.76E-07	1.66E-07	7.92E-09	1.91E-07	4.22E-08	5.76E-08	9.14E-08	1.61E-08	8.69E-08	4.93E-07
1620	495211.1	3858752	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
1621	495261.1	3858752	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
1622	495311.1	3858752	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
1623	495361.1	3858752	6.70E-04	6.86E-04	6.47E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.72E-07	1.62E-07	7.75E-09	1.87E-07	4.13E-08	5.64E-08	8.94E-08	1.58E-08	8.50E-08	4.83E-07
1624	495411.1	3858752	6.69E-04	6.85E-04	6.46E-04	2.31E-07	6.99E-07	4.05E-07	4.14E-07	3.76E-07	1.71E-07	1.62E-07	7.73E-09	1.87E-07	4.12E-08	5.63E-08	8.92E-08	1.57E-08	8.48E-08	4.82E-07
1625	495461.1	3858752	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
1626	495511.1	3858752	6.61E-04	6.77E-04	6.39E-04	2.29E-07	6.91E-07	4.00E-07	4.10E-07	3.71E-07	1.69E-07	1.60E-07	7.64E-09	1.85E-07	4.07E-08	5.56E-08	8.83E-08	1.56E-08	8.39E-08	4.76E-07
1627	495561.1	3858752	6.57E-04	6.73E-04	6.35E-04	2.27E-07	6.86E-07	3.97E-07	4.07E-07	3.69E-07	1.68E-07	1.59E-07	7.59E-09	1.83E-07	4.05E-08	5.53E-08	8.77E-08	1.54E-08	8.33E-08	4.73E-07
1628	495611.1	3858752	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
1629	495661.1	3858752	6.49E-04	6.65E-04	6.27E-04	2.25E-07	6.79E-07	3.93E-07	4.02E-07	3.65E-07	1.66E-07	1.57E-07	7.51E-09	1.81E-07	4.00E-08	5.46E-08	8.67E-08	1.53E-08	8.24E-08	4.68E-07
1630	494311.1	3858802	7.84E-04	8.03E-04	7.57E-04	2.71E-07	8.19E-07	4.74E-07	4.86E-07	4.40E-07	2.01E-07	1.89E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.84E-08	9.94E-08	5.65E-07
1631	494361.1	3858802	8.03E-04	8.22E-04	7.76E-04	2.78E-07	8.39E-07	4.86E-07	4.98E-07	4.51E-07	2.06E-07	1.94E-07	9.28E-09	2.24E-07	4.95E-08	6.76E-08	1.07E-07	1.89E-08	1.02E-07	5.78E-07
1632	494411.1	3858802	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
1633	494461.1	3858802	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
1634	494511.1	3858802	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
1635	494561.1	3858802	8.00E-04	8.19E-04	7.73E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.49E-07	2.05E-07	1.93E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.88E-08	1.02E-07	5.76E-07
1636	494611.1	3858802	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
1637	494661.1	3858802	7.84E-04	8.03E-04	7.57E-04	2.71E-07	8.19E-07	4.74E-07	4.86E-07	4.40E-07	2.01E-07	1.89E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.84E-08	9.94E-08	5.65E-07
1638	494711.1	3858802	7.73E-04	7.92E-04	7.47E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.98E-07	1.87E-07	8.94E-09	2.16E-07	4.76E-08	6.51E-08	1.03E-07	1.82E-08	9.81E-08	5.57E-07
1639	494761.1	3858802	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
1640	494811.1	3858802	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
1641	494861.1	3858802	7.42E-04	7.60E-04	7.17E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.90E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	6.25E-08	9.91E-08	1.75E-08	9.42E-08	5.35E-07
1642	494911.1	3858802	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
1643	494961.1	3858802	7.26E-04	7.44E-04	7.02E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.86E-07	1.76E-07	8.39E-09	2.03E-07	4.47E-08	6.11E-08	9.69E-08	1.71E-08	9.21E-08	5.23E-07
1644	495011.1	3858802	7.19E-04	7.36E-04	6.94E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.84E-07	1.74E-07	8.31E-09	2.01E-07	4.43E-08	6.05E-08	9.59E-08	1.69E-08	9.12E-08	5.18E-07
1645	495061.1	3858802	7.13E-04	7.30E-04	6.89E-04	2.47E-07	7.45E-07	4.31E-07	4.42E-07	4.00E-07	1.83E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	6.00E-08	9.52E-08	1.68E-08	9.05E-08	5.14E-07
1646	495111.1	3858802	7.04E-04	7.21E-04	6.80E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.80E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.66E-08	8.93E-08	5.07E-07
1647	495161.1	3858802	6.97E-04	7.13E-04	6.73E-04	2.41E-07	7.28E-07	4.21E-07	4.32E-07	3.91E-07	1.79E-07	1.68E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.64E-08	8.84E-08	5.02E-07
1648	495211.1	3858802	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
1649	495261.1	3858802	6.89E-04	7.06E-04	6.66E-04	2.39E-07	7.20E-07	4.17E-07	4.27E-07	3.87E-07	1.77E-07	1.67E-07	7.97E-09	1.92E-07	4.25E-08	5.80E-08	9.20E-08	1.62E-08	8.75E-08	4.97E-07
1650	495311.1	3858802	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
1651	495361.1	3858802	6.83E-04	7.00E-04	6.60E-04	2.37E-07	7.14E-07	4.13E-07	4.23E-07	3.84E-07	1.75E-07	1.65E-07	7.90E-09	1.91E-07	4.21E-08	5.75E-08	9.12E-08	1.61E-08	8.67E-08	4.92E-07
1652	495411.1	3858802	6.82E-04	6.98E-04	6.59E-04	2.36E-07	7.13E-07	4.13E-07	4.23E-07	3.83E-07	1.75E-07	1.65E-07	7.88E-09	1.90E-07	4.20E-08	5.74E-08	9.10E-08	1.60E-08	8.65E-08	4.91E-07
1653	495461.1	3858802	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
1654	495511.1	3858802	6.74E-04	6.91E-04	6.52E-04	2.33E-07	7.05E-07	4.08E-07	4.18E-07	3.79E-07	1.73E-07	1.63E-07	7.80E-09	1.88E-07	4.16E-08	5.68E-08	9.00E-08	1.59E-08	8.56E-08	4.86E-07
1655	495561.1	3858802	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
1656	495611.1	3858802	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
1657	495661.1	3858802	6.63E-04	6.79E-04	6.40E-04	2.29E-07	6.93E-07	4.01E-07	4.11E-07	3.72E-07	1.70E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.58E-08	8.85E-08	1.56E-08	8.41E-08	4.77E-07
1658	494311.1	3858852	8.22E-04	8.42E-04	7.94E-04	2.85E-07	8.59E-07	4.97E-07	5.09E-07	4.62E-07	2.11E-07	1.99E-07	9.50E-09	2.30E-07	5.06E-08	6.92E-08	1.10E-07	1.93E-08	1.04E-07	5.92E-07
1659	494361.1	3858852	8.32E-04	8.53E-04	8.04E-04	2.88E-07	8.70E-07	5.04E-07	5.16E-07	4.68E-07	2.13E-07	2.01E-07	9.62E-09	2.32E-07	5.13E-08	7.00E-08	1.11E-07	1.96E-08	1.06E-07	6.00E-07
1660	494411.1	3858852	8.28E-04	8.48E-04	8.00E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.12E-07	2.00E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.11E-07	1.95E-08	1.05E-07	5.96E-07
1661	494461.1	3858852	8.25E-04	8.45E-04	7.97E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.11E-07	1.99E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.94E-08	1.05E-07	5.94E-07
1662	494511.1	3858852	8.25E-04	8.45E-04	7.97E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.11E-07	1.99E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.94E-08	1.05E-07	5.94E-07
1663	494561.1	3858852	8.19E-04	8.39E-04	7.91E-04	2.84E-07	8.56E-07	4.96E-07	5.08E-07	4.60E-07	2.10E-07	1.98E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.93E-08	1.04E-07	5.90E-07
1664	494611.1	3858852	8.10E-04	8.30E-04	7.83E-04	2.80E-07	8.47E-07	4.90E-07	5.02E-07	4.55E-07	2.08E-07	1.96E-07	9.37E-09	2.26E-07	4.99E-08	6.82E-08	1.08E-07	1.91E-08	1.03E-07	5.84E-07
1665	494661.1	3858852	8.01E-04	8.21E-04	7.74E-04	2.77E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.05E-07	1.94E-07	9.26E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.89E-08	1.02E-07	5.77E-07
1666	494711.1	3858852	7.88E-04	8.07E-04	7.61E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.43E-07	2.02E-07	1.91E-07	9.11E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.85E-08	1.00E-07	5.68E-07
1667	494761.1	3858852	7.76E-04	7.95E-04	7.50E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.99E-07	1.88E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.83E-08	9.85E-08	5.59E-07
1668	494811.1	3858852	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
1669	494861.1	3858852	7.60E-04	7.78E-04	7.34E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.95E-07	1.84E-07	8.79E-09	2.12E-07	4.68E-08	6.40E-08	1.01E-07	1.79E-08	9.65E-08	5.48E-07
1670	494911.1	3858852	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
1671	494961.1	3858852	7.42E-04	7.60E-04	7.17E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.90E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	6.25E-08	9.91E-08	1.75E-08	9.42E-08	5.35E-07
1672	495011.1	3858852	7.35E-04	7.53E-04	7.10E-04	2.54E-07	7.68E-07	4.45E-07	4.55E-07	4.13E-07	1.88E-07	1.78E-07	8.50E-09	2.05E-07	4.53E-08	6.18E-08	9.81E-08	1.73E-08	9.33E-08	5.30E-07
1673	495061.1	3858852	7.28E-04	7.45E-04	7.03E-04	2.52E-07	7.60E-07	4.40E-07	4.51E-07	4.09E-07	1.87E-07	1.76E-07	8.41E-09	2.03E-07	4.48E-08	6.12E-08	9.71E-08	1.71E-08	9.23E-08	5.24E-07

1674	495111.1	3858852	7.16E-04	7.33E-04	6.92E-04	2.48E-07	7.48E-07	4.33E-07	4.44E-07	4.02E-07	1.83E-07	1.73E-07	8.27E-09	2.00E-07	4.41E-08	6.02E-08	9.55E-08	1.68E-08	9.08E-08	5.16E-07
1675	495161.1	3858852	7.08E-04	7.26E-04	6.84E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.82E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.46E-08	1.67E-08	8.99E-08	5.10E-07
1676	495211.1	3858852	7.07E-04	7.24E-04	6.83E-04	2.45E-07	7.39E-07	4.28E-07	4.38E-07	3.97E-07	1.81E-07	1.71E-07	8.17E-09	1.97E-07	4.36E-08	5.95E-08	9.44E-08	1.66E-08	8.97E-08	5.09E-07
1677	495261.1	3858852	7.04E-04	7.21E-04	6.80E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.80E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.66E-08	8.93E-08	5.07E-07
1678	495311.1	3858852	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
1679	495361.1	3858852	6.98E-04	7.15E-04	6.74E-04	2.42E-07	7.30E-07	4.22E-07	4.33E-07	3.92E-07	1.79E-07	1.69E-07	8.07E-09	1.95E-07	4.30E-08	5.87E-08	9.32E-08	1.64E-08	8.86E-08	5.03E-07
1680	495411.1	3858852	6.95E-04	7.12E-04	6.72E-04	2.41E-07	7.27E-07	4.21E-07	4.31E-07	3.91E-07	1.78E-07	1.68E-07	8.04E-09	1.94E-07	4.28E-08	5.85E-08	9.28E-08	1.64E-08	8.82E-08	5.01E-07
1681	495461.1	3858852	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
1682	495511.1	3858852	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
1683	495561.1	3858852	6.83E-04	7.00E-04	6.60E-04	2.37E-07	7.14E-07	4.13E-07	4.23E-07	3.84E-07	1.75E-07	1.65E-07	7.90E-09	1.91E-07	4.21E-08	5.75E-08	9.12E-08	1.61E-08	8.67E-08	4.92E-07
1684	495611.1	3858852	6.77E-04	6.94E-04	6.54E-04	2.35E-07	7.08E-07	4.10E-07	4.20E-07	3.81E-07	1.74E-07	1.64E-07	7.83E-09	1.89E-07	4.17E-08	5.70E-08	9.04E-08	1.59E-08	8.60E-08	4.88E-07
1685	495661.1	3858852	6.74E-04	6.91E-04	6.52E-04	2.33E-07	7.05E-07	4.08E-07	4.18E-07	3.79E-07	1.73E-07	1.63E-07	7.80E-09	1.88E-07	4.16E-08	5.68E-08	9.00E-08	1.59E-08	8.56E-08	4.86E-07
1686	494311.1	3858902	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
1687	494361.1	3858902	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
1688	494411.1	3858902	8.52E-04	8.72E-04	8.23E-04	2.95E-07	8.90E-07	5.15E-07	5.28E-07	4.78E-07	2.18E-07	2.06E-07	9.84E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	2.00E-08	1.08E-07	6.14E-07
1689	494461.1	3858902	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
1690	494511.1	3858902	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
1691	494561.1	3858902	8.40E-04	8.60E-04	8.11E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.15E-07	2.03E-07	9.71E-09	2.34E-07	5.17E-08	7.07E-08	1.12E-07	1.98E-08	1.07E-07	6.05E-07
1692	494611.1	3858902	8.26E-04	8.47E-04	7.98E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.12E-07	2.00E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.94E-08	1.05E-07	5.95E-07
1693	494661.1	3858902	8.19E-04	8.39E-04	7.91E-04	2.84E-07	8.56E-07	4.96E-07	5.08E-07	4.60E-07	2.10E-07	1.98E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.93E-08	1.04E-07	5.90E-07
1694	494711.1	3858902	8.07E-04	8.27E-04	7.80E-04	2.79E-07	8.44E-07	4.88E-07	5.00E-07	4.54E-07	2.07E-07	1.95E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.90E-08	1.02E-07	5.82E-07
1695	494761.1	3858902	7.94E-04	8.13E-04	7.67E-04	2.75E-07	8.30E-07	4.80E-07	4.92E-07	4.46E-07	2.04E-07	1.92E-07	9.18E-09	2.22E-07	4.89E-08	6.68E-08	1.06E-07	1.87E-08	1.01E-07	5.72E-07
1696	494811.1	3858902	7.85E-04	8.04E-04	7.59E-04	2.72E-07	8.21E-07	4.75E-07	4.87E-07	4.41E-07	2.01E-07	1.90E-07	9.08E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.85E-08	9.96E-08	5.66E-07
1697	494861.1	3858902	7.78E-04	7.97E-04	7.51E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.99E-07	1.88E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.83E-08	9.87E-08	5.60E-07
1698	494911.1	3858902	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
1699	494961.1	3858902	7.57E-04	7.75E-04	7.31E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.94E-07	1.83E-07	8.75E-09	2.11E-07	4.66E-08	6.37E-08	1.01E-07	1.78E-08	9.61E-08	5.45E-07
1700	495011.1	3858902	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
1701	495061.1	3858902	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07
1702	495111.1	3858902	7.28E-04	7.45E-04	7.03E-04	2.52E-07	7.60E-07	4.40E-07	4.51E-07	4.09E-07	1.87E-07	1.76E-07	8.41E-09	2.03E-07	4.48E-08	6.12E-08	9.71E-08	1.71E-08	9.23E-08	5.24E-07
1703	495161.1	3858902	7.22E-04	7.39E-04	6.97E-04	2.50E-07	7.54E-07	4.37E-07	4.47E-07	4.05E-07	1.85E-07	1.75E-07	8.34E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.70E-08	9.16E-08	5.20E-07
1704	495211.1	3858902	7.22E-04	7.39E-04	6.97E-04	2.50E-07	7.54E-07	4.37E-07	4.47E-07	4.05E-07	1.85E-07	1.75E-07	8.34E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.70E-08	9.16E-08	5.20E-07
1705	495261.1	3858902	7.19E-04	7.36E-04	6.94E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.84E-07	1.74E-07	8.31E-09	2.01E-07	4.43E-08	6.05E-08	9.59E-08	1.69E-08	9.12E-08	5.18E-07
1706	495311.1	3858902	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
1707	495361.1	3858902	7.11E-04	7.29E-04	6.87E-04	2.46E-07	7.44E-07	4.30E-07	4.41E-07	4.00E-07	1.82E-07	1.72E-07	8.22E-09	1.99E-07	4.38E-08	5.99E-08	9.50E-08	1.67E-08	9.03E-08	5.12E-07
1708	495411.1	3858902	7.10E-04	7.27E-04	6.86E-04	2.46E-07	7.42E-07	4.30E-07	4.40E-07	3.99E-07	1.82E-07	1.72E-07	8.21E-09	1.98E-07	4.37E-08	5.97E-08	9.48E-08	1.67E-08	9.01E-08	5.11E-07
1709	495461.1	3858902	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
1710	495511.1	3858902	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
1711	495561.1	3858902	6.97E-04	7.13E-04	6.73E-04	2.41E-07	7.28E-07	4.21E-07	4.32E-07	3.91E-07	1.79E-07	1.68E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.64E-08	8.84E-08	5.02E-07
1712	495611.1	3858902	6.91E-04	7.07E-04	6.67E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.77E-07	1.67E-07	7.98E-09	1.93E-07	4.26E-08	5.81E-08	9.22E-08	1.62E-08	8.76E-08	4.98E-07
1713	495661.1	3858902	6.89E-04	7.06E-04	6.66E-04	2.39E-07	7.20E-07	4.17E-07	4.27E-07	3.87E-07	1.77E-07	1.67E-07	7.97E-09	1.92E-07	4.25E-08	5.80E-08	9.20E-08	1.62E-08	8.75E-08	4.97E-07
1714	494311.1	3858952	8.81E-04	9.02E-04	8.51E-04	3.05E-07	9.21E-07	5.33E-07	5.46E-07	4.95E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.43E-08	7.41E-08	1.18E-07	2.07E-08	1.12E-07	6.35E-07
1715	494361.1	3858952	8.81E-04	9.02E-04	8.51E-04	3.05E-07	9.21E-07	5.33E-07	5.46E-07	4.95E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.43E-08	7.41E-08	1.18E-07	2.07E-08	1.12E-07	6.35E-07
1716	494411.1	3858952	8.74E-04	8.95E-04	8.44E-04	3.02E-07	9.13E-07	5.29E-07	5.41E-07	4.91E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.38E-08	7.35E-08	1.17E-07	2.06E-08	1.11E-07	6.29E-07
1717	494461.1	3858952	8.75E-04	8.96E-04	8.46E-04	3.03E-07	9.15E-07	5.30E-07	5.42E-07	4.92E-07	2.24E-07	2.12E-07	1.01E-08	2.44E-07	5.39E-08	7.36E-08	1.17E-07	2.06E-08	1.11E-07	6.31E-07
1718	494511.1	3858952	8.69E-04	8.90E-04	8.40E-04	3.01E-07	9.09E-07	5.26E-07	5.39E-07	4.88E-07	2.23E-07	2.10E-07	1.00E-08	2.43E-07	5.36E-08	7.31E-08	1.16E-07	2.04E-08	1.10E-07	6.26E-07
1719	494561.1	3858952	8.60E-04	8.81E-04	8.31E-04	2.98E-07	8.99E-07	5.21E-07	5.33E-07	4.83E-07	2.21E-07	2.08E-07	9.95E-09	2.40E-07	5.30E-08	7.24E-08	1.15E-07	2.02E-08	1.09E-07	6.20E-07
1720	494611.1	3858952	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
1721	494661.1	3858952	8.37E-04	8.57E-04	8.08E-04	2.90E-07	8.75E-07	5.06E-07	5.19E-07	4.70E-07	2.15E-07	2.02E-07	9.67E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.97E-08	1.06E-07	6.03E-07
1722	494711.1	3858952	8.24E-04	8.43E-04	7.96E-04	2.85E-07	8.61E-07	4.98E-07	5.10E-07	4.63E-07	2.11E-07	1.99E-07	9.52E-09	2.30E-07	5.07E-08	6.93E-08	1.10E-07	1.94E-08	1.05E-07	5.93E-07
1723	494761.1	3858952	8.12E-04	8.31E-04	7.84E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.08E-07	1.96E-07	9.38E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.91E-08	1.03E-07	5.85E-07
1724	494811.1	3858952	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
1725	494861.1	3858952	7.95E-04	8.15E-04	7.69E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.47E-07	2.04E-07	1.92E-07	9.20E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.87E-08	1.01E-07	5.73E-07
1726	494911.1	3858952	7.85E-04	8.04E-04	7.59E-04	2.72E-07	8.21E-07	4.75E-07	4.87E-07	4.41E-07	2.01E-07	1.90E-07	9.08E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.85E-08	9.96E-08	5.66E-07
1727	494961.1	3858952	7.78E-04	7.97E-04	7.51E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.99E-07	1.88E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.83E-08	9.87E-08	5.60E-07
1728	495011.1	3858952	7.63E-04	7.82E-04	7.37E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.96E-07	1.84E-07	8.82E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.79E-08	9.68E-08	5.50E-07
1729	495061.1	3858952	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07

1730	495111.1	3858952	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07
1731	495161.1	3858952	7.41E-04	7.59E-04	7.16E-04	2.56E-07	7.74E-07	4.48E-07	4.59E-07	4.16E-07	1.90E-07	1.79E-07	8.56E-09	2.07E-07	4.56E-08	6.23E-08	9.89E-08	1.74E-08	9.40E-08	5.34E-07
1732	495211.1	3858952	7.38E-04	7.56E-04	7.13E-04	2.55E-07	7.71E-07	4.47E-07	4.57E-07	4.15E-07	1.89E-07	1.78E-07	8.53E-09	2.06E-07	4.55E-08	6.21E-08	9.85E-08	1.74E-08	9.36E-08	5.32E-07
1733	495261.1	3858952	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
1734	495311.1	3858952	7.28E-04	7.45E-04	7.03E-04	2.52E-07	7.60E-07	4.40E-07	4.51E-07	4.09E-07	1.87E-07	1.76E-07	8.41E-09	2.03E-07	4.48E-08	6.12E-08	9.71E-08	1.71E-08	9.23E-08	5.24E-07
1735	495361.1	3858952	7.26E-04	7.44E-04	7.02E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.86E-07	1.76E-07	8.39E-09	2.03E-07	4.47E-08	6.11E-08	9.69E-08	1.71E-08	9.21E-08	5.23E-07
1736	495411.1	3858952	7.23E-04	7.41E-04	6.99E-04	2.50E-07	7.56E-07	4.38E-07	4.48E-07	4.06E-07	1.85E-07	1.75E-07	8.36E-09	2.02E-07	4.46E-08	6.08E-08	9.65E-08	1.70E-08	9.18E-08	5.21E-07
1737	495461.1	3858952	7.20E-04	7.38E-04	6.96E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.05E-07	1.85E-07	1.74E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.69E-08	9.14E-08	5.19E-07
1738	495511.1	3858952	7.17E-04	7.35E-04	6.93E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.84E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.69E-08	9.10E-08	5.17E-07
1739	495561.1	3858952	7.10E-04	7.27E-04	6.86E-04	2.46E-07	7.42E-07	4.30E-07	4.40E-07	3.99E-07	1.82E-07	1.72E-07	8.21E-09	1.98E-07	4.37E-08	5.97E-08	9.48E-08	1.67E-08	9.01E-08	5.11E-07
1740	495611.1	3858952	7.04E-04	7.21E-04	6.80E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.80E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.66E-08	8.93E-08	5.07E-07
1741	495661.1	3858952	7.03E-04	7.20E-04	6.79E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.95E-07	1.80E-07	1.70E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.38E-08	1.65E-08	8.91E-08	5.06E-07
1742	494311.1	3859002	9.11E-04	9.33E-04	8.80E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.14E-08	1.16E-07	6.56E-07
1743	494361.1	3859002	9.06E-04	9.28E-04	8.75E-04	3.14E-07	9.47E-07	5.48E-07	5.62E-07	5.09E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.58E-08	7.62E-08	1.21E-07	2.13E-08	1.15E-07	6.53E-07
1744	494411.1	3859002	9.05E-04	9.27E-04	8.74E-04	3.13E-07	9.46E-07	5.47E-07	5.61E-07	5.08E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.57E-08	7.61E-08	1.21E-07	2.13E-08	1.15E-07	6.52E-07
1745	494461.1	3859002	8.99E-04	9.21E-04	8.68E-04	3.11E-07	9.39E-07	5.44E-07	5.57E-07	5.05E-07	2.30E-07	2.17E-07	1.04E-08	2.51E-07	5.54E-08	7.56E-08	1.20E-07	2.11E-08	1.14E-07	6.48E-07
1746	494511.1	3859002	8.91E-04	9.13E-04	8.61E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.01E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.10E-08	1.13E-07	6.42E-07
1747	494561.1	3859002	8.80E-04	9.01E-04	8.50E-04	3.04E-07	9.19E-07	5.32E-07	5.45E-07	4.94E-07	2.25E-07	2.13E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.07E-08	1.12E-07	6.34E-07
1748	494611.1	3859002	8.69E-04	8.90E-04	8.40E-04	3.01E-07	9.09E-07	5.26E-07	5.39E-07	4.88E-07	2.23E-07	2.10E-07	1.00E-08	2.43E-07	5.36E-08	7.31E-08	1.16E-07	2.04E-08	1.10E-07	6.26E-07
1749	494661.1	3859002	8.56E-04	8.77E-04	8.27E-04	2.96E-07	8.95E-07	5.18E-07	5.30E-07	4.81E-07	2.19E-07	2.07E-07	9.89E-09	2.39E-07	5.27E-08	7.20E-08	1.14E-07	2.01E-08	1.09E-07	6.17E-07
1750	494711.1	3859002	8.41E-04	8.62E-04	8.13E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.73E-07	2.16E-07	2.03E-07	9.72E-09	2.35E-07	5.18E-08	7.08E-08	1.12E-07	1.98E-08	1.07E-07	6.06E-07
1751	494761.1	3859002	8.32E-04	8.53E-04	8.04E-04	2.88E-07	8.70E-07	5.04E-07	5.16E-07	4.68E-07	2.13E-07	2.01E-07	9.62E-09	2.32E-07	5.13E-08	7.00E-08	1.11E-07	1.96E-08	1.06E-07	6.00E-07
1752	494811.1	3859002	8.25E-04	8.45E-04	7.97E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.11E-07	1.99E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.94E-08	1.05E-07	5.94E-07
1753	494861.1	3859002	8.15E-04	8.34E-04	7.87E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.09E-07	1.97E-07	9.42E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.92E-08	1.03E-07	5.87E-07
1754	494911.1	3859002	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
1755	494961.1	3859002	7.94E-04	8.13E-04	7.67E-04	2.75E-07	8.30E-07	4.80E-07	4.92E-07	4.46E-07	2.04E-07	1.92E-07	9.18E-09	2.22E-07	4.89E-08	6.68E-08	1.06E-07	1.87E-08	1.01E-07	5.72E-07
1756	495011.1	3859002	7.70E-04	7.89E-04	7.44E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.97E-07	1.86E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.81E-08	9.78E-08	5.55E-07
1757	495061.1	3859002	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
1758	495111.1	3859002	7.54E-04	7.72E-04	7.29E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.93E-07	1.82E-07	8.72E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.77E-08	9.57E-08	5.43E-07
1759	495161.1	3859002	7.57E-04	7.75E-04	7.31E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.94E-07	1.83E-07	8.75E-09	2.11E-07	4.66E-08	6.37E-08	1.01E-07	1.78E-08	9.61E-08	5.45E-07
1760	495211.1	3859002	7.53E-04	7.71E-04	7.27E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.93E-07	1.82E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.77E-08	9.55E-08	5.42E-07
1761	495261.1	3859002	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
1762	495311.1	3859002	7.45E-04	7.63E-04	7.20E-04	2.58E-07	7.79E-07	4.51E-07	4.62E-07	4.19E-07	1.91E-07	1.80E-07	8.62E-09	2.08E-07	4.59E-08	6.27E-08	9.95E-08	1.75E-08	9.46E-08	5.37E-07
1763	495361.1	3859002	7.42E-04	7.60E-04	7.17E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.90E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	6.25E-08	9.91E-08	1.75E-08	9.42E-08	5.35E-07
1764	495411.1	3859002	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07
1765	495461.1	3859002	7.36E-04	7.54E-04	7.11E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.14E-07	1.89E-07	1.78E-07	8.51E-09	2.06E-07	4.54E-08	6.20E-08	9.83E-08	1.73E-08	9.35E-08	5.31E-07
1766	495511.1	3859002	7.29E-04	7.47E-04	7.04E-04	2.52E-07	7.62E-07	4.41E-07	4.52E-07	4.10E-07	1.87E-07	1.76E-07	8.43E-09	2.04E-07	4.49E-08	6.13E-08	9.73E-08	1.72E-08	9.25E-08	5.25E-07
1767	495561.1	3859002	7.25E-04	7.42E-04	7.00E-04	2.51E-07	7.57E-07	4.38E-07	4.49E-07	4.07E-07	1.86E-07	1.75E-07	8.38E-09	2.02E-07	4.46E-08	6.10E-08	9.67E-08	1.70E-08	9.20E-08	5.22E-07
1768	495611.1	3859002	7.19E-04	7.36E-04	6.94E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.84E-07	1.74E-07	8.31E-09	2.01E-07	4.43E-08	6.05E-08	9.59E-08	1.69E-08	9.12E-08	5.18E-07
1769	495661.1	3859002	7.19E-04	7.36E-04	6.94E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.84E-07	1.74E-07	8.31E-09	2.01E-07	4.43E-08	6.05E-08	9.59E-08	1.69E-08	9.12E-08	5.18E-07
1770	494311.1	3859052	9.39E-04	9.61E-04	9.07E-04	3.25E-07	9.81E-07	5.68E-07	5.82E-07	5.27E-07	2.41E-07	2.27E-07	1.09E-08	2.62E-07	5.78E-08	7.90E-08	1.25E-07	2.21E-08	1.19E-07	6.76E-07
1771	494361.1	3859052	9.39E-04	9.61E-04	9.07E-04	3.25E-07	9.81E-07	5.68E-07	5.82E-07	5.27E-07	2.41E-07	2.27E-07	1.09E-08	2.62E-07	5.78E-08	7.90E-08	1.25E-07	2.21E-08	1.19E-07	6.76E-07
1772	494411.1	3859052	9.30E-04	9.52E-04	8.98E-04	3.22E-07	9.72E-07	5.63E-07	5.76E-07	5.22E-07	2.38E-07	2.25E-07	1.07E-08	2.60E-07	5.73E-08	7.82E-08	1.24E-07	2.19E-08	1.18E-07	6.70E-07
1773	494461.1	3859052	9.21E-04	9.43E-04	8.90E-04	3.19E-07	9.63E-07	5.57E-07	5.71E-07	5.17E-07	2.36E-07	2.23E-07	1.06E-08	2.57E-07	5.67E-08	7.75E-08	1.23E-07	2.17E-08	1.17E-07	6.63E-07
1774	494511.1	3859052	9.11E-04	9.33E-04	8.80E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.14E-08	1.16E-07	6.56E-07
1775	494561.1	3859052	9.00E-04	9.22E-04	8.70E-04	3.12E-07	9.41E-07	5.45E-07	5.58E-07	5.06E-07	2.31E-07	2.18E-07	1.04E-08	2.51E-07	5.55E-08	7.58E-08	1.20E-07	2.12E-08	1.14E-07	6.49E-07
1776	494611.1	3859052	8.88E-04	9.10E-04	8.58E-04	3.08E-07	9.29E-07	5.38E-07	5.51E-07	4.99E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.47E-08	7.48E-08	1.19E-07	2.09E-08	1.13E-07	6.40E-07
1777	494661.1	3859052	8.75E-04	8.96E-04	8.46E-04	3.03E-07	9.15E-07	5.30E-07	5.42E-07	4.92E-07	2.24E-07	2.12E-07	1.01E-08	2.44E-07	5.39E-08	7.36E-08	1.17E-07	2.06E-08	1.11E-07	6.31E-07
1778	494711.1	3859052	8.63E-04	8.84E-04	8.34E-04	2.99E-07	9.02E-07	5.22E-07	5.35E-07	4.85E-07	2.21E-07	2.09E-07	9.98E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	2.03E-08	1.10E-07	6.22E-07
1779	494761.1	3859052	8.52E-04	8.72E-04	8.23E-04	2.95E-07	8.90E-07	5.15E-07	5.28E-07	4.78E-07	2.18E-07	2.06E-07	9.84E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	2.00E-08	1.08E-07	6.14E-07
1780	494811.1	3859052	8.43E-04	8.63E-04	8.14E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.16E-07	2.04E-07	9.74E-09	2.35E-07	5.19E-08	7.09E-08	1.12E-07	1.98E-08	1.07E-07	6.07E-07
1781	494861.1	3859052	8.34E-04	8.54E-04	8.06E-04	2.89E-07	8.72E-07	5.05E-07	5.17E-07	4.68E-07	2.14E-07	2.02E-07	9.64E-09	2.33E-07	5.14E-08	7.02E-08	1.11E-07	1.96E-08	1.06E-07	6.01E-07
1782	494911.1	3859052	8.21E-04	8.40E-04	7.93E-04	2.84E-07	8.58E-07	4.97E-07	5.09E-07	4.61E-07	2.10E-07	1.98E-07	9.49E-09	2.29E-07	5.06E-08	6.90E-08	1.10E-07	1.93E-08	1.04E-07	5.91E-07
1783	494961.1	3859052	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
1784	495011.1	3859052	7.91E-04	8.10E-04	7.64E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	2.03E-07	1.91E-07	9.14E-09	2.21E-07	4.87E-08	6.66E-08	1.06E-07	1.86E-08	1.00E-07	5.70E-07
1785	495061.1	3859052	7.82E-04	8.01E-04	7.56E-04	2.71E-07	8.18E-07	4.73E-07	4.85E-07	4.39E-07	2.01E-07	1.89E-07	9.04E-09	2.18E-07	4.82E-08	6.58E-08	1.04E-07	1.84E-08	9.93E-08	5.64E-07

1786	495111.1	3859052	7.75E-04	7.94E-04	7.49E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.99E-07	1.87E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.82E-08	9.83E-08	5.58E-07
1787	495161.1	3859052	7.75E-04	7.94E-04	7.49E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.99E-07	1.87E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.82E-08	9.83E-08	5.58E-07
1788	495211.1	3859052	7.69E-04	7.88E-04	7.43E-04	2.66E-07	8.04E-07	4.65E-07	4.77E-07	4.32E-07	1.97E-07	1.86E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.81E-08	9.76E-08	5.54E-07
1789	495261.1	3859052	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
1790	495311.1	3859052	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
1791	495361.1	3859052	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
1792	495411.1	3859052	7.56E-04	7.74E-04	7.30E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.25E-07	1.94E-07	1.83E-07	8.73E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.78E-08	9.59E-08	5.44E-07
1793	495461.1	3859052	7.53E-04	7.71E-04	7.27E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.93E-07	1.82E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.77E-08	9.55E-08	5.42E-07
1794	495511.1	3859052	7.45E-04	7.63E-04	7.20E-04	2.58E-07	7.79E-07	4.51E-07	4.62E-07	4.19E-07	1.91E-07	1.80E-07	8.62E-09	2.08E-07	4.59E-08	6.27E-08	9.95E-08	1.75E-08	9.46E-08	5.37E-07
1795	495561.1	3859052	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07
1796	495611.1	3859052	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
1797	495661.1	3859052	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
1798	494311.1	3859102	9.73E-04	9.96E-04	9.40E-04	3.37E-07	1.02E-06	5.88E-07	6.03E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.29E-08	1.23E-07	7.01E-07
1799	494361.1	3859102	9.64E-04	9.87E-04	9.31E-04	3.34E-07	1.01E-06	5.83E-07	5.97E-07	5.41E-07	2.47E-07	2.33E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.27E-08	1.22E-07	6.94E-07
1800	494411.1	3859102	9.58E-04	9.81E-04	9.25E-04	3.32E-07	1.00E-06	5.80E-07	5.94E-07	5.38E-07	2.46E-07	2.32E-07	1.11E-08	2.67E-07	5.90E-08	8.06E-08	1.28E-07	2.25E-08	1.22E-07	6.90E-07
1801	494461.1	3859102	9.48E-04	9.70E-04	9.15E-04	3.28E-07	9.90E-07	5.73E-07	5.87E-07	5.32E-07	2.43E-07	2.29E-07	1.10E-08	2.65E-07	5.84E-08	7.97E-08	1.26E-07	2.23E-08	1.20E-07	6.83E-07
1802	494511.1	3859102	9.33E-04	9.55E-04	9.01E-04	3.23E-07	9.75E-07	5.64E-07	5.78E-07	5.24E-07	2.39E-07	2.26E-07	1.08E-08	2.60E-07	5.75E-08	7.85E-08	1.25E-07	2.19E-08	1.18E-07	6.72E-07
1803	494561.1	3859102	9.22E-04	9.45E-04	8.91E-04	3.19E-07	9.64E-07	5.58E-07	5.72E-07	5.18E-07	2.36E-07	2.23E-07	1.07E-08	2.58E-07	5.68E-08	7.76E-08	1.23E-07	2.17E-08	1.17E-07	6.65E-07
1804	494611.1	3859102	9.08E-04	9.30E-04	8.77E-04	3.14E-07	9.49E-07	5.49E-07	5.63E-07	5.10E-07	2.33E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.64E-08	1.21E-07	2.14E-08	1.15E-07	6.54E-07
1805	494661.1	3859102	8.97E-04	9.19E-04	8.67E-04	3.11E-07	9.38E-07	5.43E-07	5.56E-07	5.04E-07	2.30E-07	2.17E-07	1.04E-08	2.51E-07	5.53E-08	7.55E-08	1.20E-07	2.11E-08	1.14E-07	6.46E-07
1806	494711.1	3859102	8.81E-04	9.02E-04	8.51E-04	3.05E-07	9.21E-07	5.33E-07	5.46E-07	4.95E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.43E-08	7.41E-08	1.18E-07	2.07E-08	1.12E-07	6.35E-07
1807	494761.1	3859102	8.75E-04	8.96E-04	8.46E-04	3.03E-07	9.15E-07	5.30E-07	5.42E-07	4.92E-07	2.24E-07	2.12E-07	1.01E-08	2.44E-07	5.39E-08	7.36E-08	1.17E-07	2.06E-08	1.11E-07	6.31E-07
1808	494811.1	3859102	8.63E-04	8.84E-04	8.34E-04	2.99E-07	9.02E-07	5.22E-07	5.35E-07	4.85E-07	2.21E-07	2.09E-07	9.98E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	2.03E-08	1.10E-07	6.22E-07
1809	494861.1	3859102	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
1810	494911.1	3859102	8.40E-04	8.60E-04	8.11E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.15E-07	2.03E-07	9.71E-09	2.34E-07	5.17E-08	7.07E-08	1.12E-07	1.98E-08	1.07E-07	6.05E-07
1811	494961.1	3859102	8.22E-04	8.42E-04	7.94E-04	2.85E-07	8.59E-07	4.97E-07	5.09E-07	4.62E-07	2.11E-07	1.99E-07	9.50E-09	2.30E-07	5.06E-08	6.92E-08	1.10E-07	1.93E-08	1.04E-07	5.92E-07
1812	495011.1	3859102	8.03E-04	8.22E-04	7.76E-04	2.78E-07	8.39E-07	4.86E-07	4.98E-07	4.51E-07	2.06E-07	1.94E-07	9.28E-09	2.24E-07	4.95E-08	6.76E-08	1.07E-07	1.89E-08	1.02E-07	5.78E-07
1813	495061.1	3859102	8.00E-04	8.19E-04	7.73E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.49E-07	2.05E-07	1.93E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.88E-08	1.02E-07	5.76E-07
1814	495111.1	3859102	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
1815	495161.1	3859102	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
1816	495211.1	3859102	7.87E-04	8.06E-04	7.60E-04	2.72E-07	8.22E-07	4.76E-07	4.88E-07	4.42E-07	2.02E-07	1.90E-07	9.09E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.85E-08	9.98E-08	5.67E-07
1817	495261.1	3859102	7.84E-04	8.03E-04	7.57E-04	2.71E-07	8.19E-07	4.74E-07	4.86E-07	4.40E-07	2.01E-07	1.89E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.84E-08	9.94E-08	5.65E-07
1818	495311.1	3859102	7.78E-04	7.97E-04	7.51E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.99E-07	1.88E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.83E-08	9.87E-08	5.60E-07
1819	495361.1	3859102	7.78E-04	7.97E-04	7.51E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.99E-07	1.88E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.83E-08	9.87E-08	5.60E-07
1820	495411.1	3859102	7.73E-04	7.92E-04	7.47E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.98E-07	1.87E-07	8.94E-09	2.16E-07	4.76E-08	6.51E-08	1.03E-07	1.82E-08	9.81E-08	5.57E-07
1821	495461.1	3859102	7.66E-04	7.85E-04	7.40E-04	2.65E-07	8.01E-07	4.63E-07	4.75E-07	4.30E-07	1.96E-07	1.85E-07	8.85E-09	2.14E-07	4.72E-08	6.45E-08	1.02E-07	1.80E-08	9.72E-08	5.52E-07
1822	495511.1	3859102	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
1823	495561.1	3859102	7.57E-04	7.75E-04	7.31E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.94E-07	1.83E-07	8.75E-09	2.11E-07	4.66E-08	6.37E-08	1.01E-07	1.78E-08	9.61E-08	5.45E-07
1824	495611.1	3859102	7.51E-04	7.69E-04	7.26E-04	2.60E-07	7.85E-07	4.55E-07	4.66E-07	4.22E-07	1.93E-07	1.82E-07	8.68E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.77E-08	9.53E-08	5.41E-07
1825	495661.1	3859102	7.48E-04	7.66E-04	7.23E-04	2.59E-07	7.82E-07	4.53E-07	4.64E-07	4.20E-07	1.92E-07	1.81E-07	8.65E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.76E-08	9.50E-08	5.39E-07
1826	494311.1	3859152	1.00E-03	1.02E-03	9.67E-04	3.46E-07	1.05E-06	6.05E-07	6.20E-07	5.62E-07	2.57E-07	2.42E-07	1.16E-08	2.79E-07	6.17E-08	8.42E-08	1.34E-07	2.35E-08	1.27E-07	7.21E-07
1827	494361.1	3859152	9.93E-04	1.02E-03	9.60E-04	3.44E-07	1.04E-06	6.01E-07	6.16E-07	5.58E-07	2.55E-07	2.40E-07	1.15E-08	2.77E-07	6.12E-08	8.36E-08	1.33E-07	2.34E-08	1.26E-07	7.16E-07
1828	494411.1	3859152	9.81E-04	1.01E-03	9.48E-04	3.40E-07	1.03E-06	5.94E-07	6.08E-07	5.51E-07	2.52E-07	2.37E-07	1.13E-08	2.74E-07	6.05E-08	8.26E-08	1.31E-07	2.31E-08	1.25E-07	7.07E-07
1829	494461.1	3859152	9.70E-04	9.93E-04	9.37E-04	3.36E-07	1.01E-06	5.87E-07	6.01E-07	5.45E-07	2.49E-07	2.34E-07	1.12E-08	2.71E-07	5.97E-08	8.16E-08	1.29E-07	2.28E-08	1.23E-07	6.99E-07
1830	494511.1	3859152	9.55E-04	9.78E-04	9.23E-04	3.31E-07	9.98E-07	5.78E-07	5.92E-07	5.36E-07	2.45E-07	2.31E-07	1.10E-08	2.67E-07	5.88E-08	8.03E-08	1.27E-07	2.25E-08	1.21E-07	6.88E-07
1831	494561.1	3859152	9.45E-04	9.67E-04	9.13E-04	3.27E-07	9.87E-07	5.72E-07	5.85E-07	5.31E-07	2.42E-07	2.28E-07	1.09E-08	2.64E-07	5.82E-08	7.95E-08	1.26E-07	2.22E-08	1.20E-07	6.80E-07
1832	494611.1	3859152	9.30E-04	9.52E-04	8.98E-04	3.22E-07	9.72E-07	5.63E-07	5.76E-07	5.22E-07	2.38E-07	2.25E-07	1.07E-08	2.60E-07	5.73E-08	7.82E-08	1.24E-07	2.19E-08	1.18E-07	6.70E-07
1833	494661.1	3859152	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
1834	494711.1	3859152	9.11E-04	9.33E-04	8.80E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.14E-08	1.16E-07	6.56E-07
1835	494761.1	3859152	8.96E-04	9.18E-04	8.65E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.30E-07	2.17E-07	1.04E-08	2.50E-07	5.52E-08	7.54E-08	1.20E-07	2.11E-08	1.14E-07	6.45E-07
1836	494811.1	3859152	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
1837	494861.1	3859152	8.74E-04	8.95E-04	8.44E-04	3.02E-07	9.13E-07	5.29E-07	5.41E-07	4.91E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.38E-08	7.35E-08	1.17E-07	2.06E-08	1.11E-07	6.29E-07
1838	494911.1	3859152	8.57E-04	8.78E-04	8.28E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.82E-07	2.20E-07	2.07E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	2.02E-08	1.09E-07	6.18E-07
1839	494961.1	3859152	8.37E-04	8.57E-04	8.08E-04	2.90E-07	8.75E-07	5.06E-07	5.19E-07	4.70E-07	2.15E-07	2.02E-07	9.67E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.97E-08	1.06E-07	6.03E-07
1840	495011.1	3859152	8.22E-04	8.42E-04	7.94E-04	2.85E-07	8.59E-07	4.97E-07	5.09E-07	4.62E-07	2.11E-07	1.99E-07	9.50E-09	2.30E-07	5.06E-08	6.92E-08	1.10E-07	1.93E-08	1.04E-07	5.92E-07
1841	495061.1	3859152	8.18E-04	8.37E-04	7.90E-04	2.83E-07	8.55E-07	4.95E-07	5.07E-07	4.59E-07	2.10E-07	1.98E-07	9.45E-09	2.28E-07	5.04E-08	6.88E-08	1.09E-07	1.92E-08	1.04E-07	5.89E-07

1842	495111.1	3859152	8.12E-04	8.31E-04	7.84E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.08E-07	1.96E-07	9.38E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.91E-08	1.03E-07	5.85E-07
1843	495161.1	3859152	8.12E-04	8.31E-04	7.84E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.08E-07	1.96E-07	9.38E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.91E-08	1.03E-07	5.85E-07
1844	495211.1	3859152	8.06E-04	8.25E-04	7.79E-04	2.79E-07	8.42E-07	4.88E-07	4.99E-07	4.53E-07	2.07E-07	1.95E-07	9.31E-09	2.25E-07	4.96E-08	6.78E-08	1.08E-07	1.90E-08	1.02E-07	5.81E-07
1845	495261.1	3859152	8.01E-04	8.21E-04	7.74E-04	2.77E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.05E-07	1.94E-07	9.26E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.89E-08	1.02E-07	5.77E-07
1846	495311.1	3859152	7.97E-04	8.16E-04	7.70E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.48E-07	2.04E-07	1.93E-07	9.21E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.87E-08	1.01E-07	5.74E-07
1847	495361.1	3859152	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
1848	495411.1	3859152	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
1849	495461.1	3859152	7.88E-04	8.07E-04	7.61E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.43E-07	2.02E-07	1.91E-07	9.11E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.85E-08	1.00E-07	5.68E-07
1850	495511.1	3859152	7.81E-04	8.00E-04	7.54E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.39E-07	2.00E-07	1.89E-07	9.02E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.84E-08	9.91E-08	5.62E-07
1851	495561.1	3859152	7.75E-04	7.94E-04	7.49E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.99E-07	1.87E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.82E-08	9.83E-08	5.58E-07
1852	495611.1	3859152	7.69E-04	7.88E-04	7.43E-04	2.66E-07	8.04E-07	4.65E-07	4.77E-07	4.32E-07	1.97E-07	1.86E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.81E-08	9.76E-08	5.54E-07
1853	495661.1	3859152	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
1854	494311.1	3859202	1.03E-03	1.06E-03	9.95E-04	3.57E-07	1.08E-06	6.23E-07	6.38E-07	5.79E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.35E-08	8.67E-08	1.38E-07	2.42E-08	1.31E-07	7.42E-07
1855	494361.1	3859202	1.02E-03	1.05E-03	9.87E-04	3.54E-07	1.07E-06	6.18E-07	6.33E-07	5.74E-07	2.62E-07	2.47E-07	1.18E-08	2.85E-07	6.29E-08	8.59E-08	1.36E-07	2.40E-08	1.30E-07	7.36E-07
1856	494411.1	3859202	1.01E-03	1.03E-03	9.75E-04	3.49E-07	1.06E-06	6.11E-07	6.26E-07	5.67E-07	2.59E-07	2.44E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.37E-08	1.28E-07	7.27E-07
1857	494461.1	3859202	9.93E-04	1.02E-03	9.60E-04	3.44E-07	1.04E-06	6.01E-07	6.16E-07	5.58E-07	2.55E-07	2.40E-07	1.15E-08	2.77E-07	6.12E-08	8.36E-08	1.33E-07	2.34E-08	1.26E-07	7.16E-07
1858	494511.1	3859202	9.81E-04	1.01E-03	9.48E-04	3.40E-07	1.03E-06	5.94E-07	6.08E-07	5.51E-07	2.52E-07	2.37E-07	1.13E-08	2.74E-07	6.05E-08	8.26E-08	1.31E-07	2.31E-08	1.25E-07	7.07E-07
1859	494561.1	3859202	9.67E-04	9.90E-04	9.34E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.48E-07	2.34E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.27E-08	1.23E-07	6.96E-07
1860	494611.1	3859202	9.53E-04	9.77E-04	9.21E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.44E-07	2.31E-07	1.10E-08	2.66E-07	5.87E-08	8.02E-08	1.27E-07	2.24E-08	1.21E-07	6.87E-07
1861	494661.1	3859202	9.43E-04	9.66E-04	9.11E-04	3.26E-07	9.86E-07	5.71E-07	5.84E-07	5.30E-07	2.42E-07	2.28E-07	1.09E-08	2.63E-07	5.81E-08	7.94E-08	1.26E-07	2.22E-08	1.20E-07	6.79E-07
1862	494711.1	3859202	9.31E-04	9.54E-04	9.00E-04	3.22E-07	9.73E-07	5.63E-07	5.77E-07	5.23E-07	2.39E-07	2.25E-07	1.08E-08	2.60E-07	5.74E-08	7.84E-08	1.24E-07	2.19E-08	1.18E-07	6.71E-07
1863	494761.1	3859202	9.17E-04	9.39E-04	8.85E-04	3.17E-07	9.58E-07	5.55E-07	5.68E-07	5.15E-07	2.35E-07	2.22E-07	1.06E-08	2.56E-07	5.65E-08	7.71E-08	1.22E-07	2.16E-08	1.16E-07	6.60E-07
1864	494811.1	3859202	9.03E-04	9.25E-04	8.73E-04	3.13E-07	9.44E-07	5.47E-07	5.60E-07	5.07E-07	2.32E-07	2.18E-07	1.04E-08	2.52E-07	5.57E-08	7.60E-08	1.21E-07	2.12E-08	1.15E-07	6.51E-07
1865	494861.1	3859202	8.87E-04	9.08E-04	8.57E-04	3.07E-07	9.27E-07	5.37E-07	5.50E-07	4.98E-07	2.27E-07	2.14E-07	1.03E-08	2.48E-07	5.47E-08	7.46E-08	1.18E-07	2.09E-08	1.13E-07	6.39E-07
1866	494911.1	3859202	8.72E-04	8.93E-04	8.43E-04	3.02E-07	9.12E-07	5.28E-07	5.41E-07	4.90E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.37E-08	7.34E-08	1.16E-07	2.05E-08	1.11E-07	6.28E-07
1867	494961.1	3859202	8.56E-04	8.77E-04	8.27E-04	2.96E-07	8.95E-07	5.18E-07	5.30E-07	4.81E-07	2.19E-07	2.07E-07	9.89E-09	2.39E-07	5.27E-08	7.20E-08	1.14E-07	2.01E-08	1.09E-07	6.17E-07
1868	495011.1	3859202	8.34E-04	8.54E-04	8.06E-04	2.89E-07	8.72E-07	5.05E-07	5.17E-07	4.68E-07	2.14E-07	2.02E-07	9.64E-09	2.33E-07	5.14E-08	7.02E-08	1.11E-07	1.96E-08	1.06E-07	6.01E-07
1869	495061.1	3859202	8.38E-04	8.59E-04	8.10E-04	2.90E-07	8.76E-07	5.07E-07	5.20E-07	4.71E-07	2.15E-07	2.03E-07	9.69E-09	2.34E-07	5.17E-08	7.05E-08	1.12E-07	1.97E-08	1.06E-07	6.04E-07
1870	495111.1	3859202	8.34E-04	8.54E-04	8.06E-04	2.89E-07	8.72E-07	5.05E-07	5.17E-07	4.68E-07	2.14E-07	2.02E-07	9.64E-09	2.33E-07	5.14E-08	7.02E-08	1.11E-07	1.96E-08	1.06E-07	6.01E-07
1871	495161.1	3859202	8.29E-04	8.50E-04	8.01E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.13E-07	2.01E-07	9.59E-09	2.32E-07	5.11E-08	6.98E-08	1.11E-07	1.95E-08	1.05E-07	5.98E-07
1872	495211.1	3859202	8.24E-04	8.43E-04	7.96E-04	2.85E-07	8.61E-07	4.98E-07	5.10E-07	4.63E-07	2.11E-07	1.99E-07	9.52E-09	2.30E-07	5.07E-08	6.93E-08	1.10E-07	1.94E-08	1.05E-07	5.93E-07
1873	495261.1	3859202	8.21E-04	8.40E-04	7.93E-04	2.84E-07	8.58E-07	4.97E-07	5.09E-07	4.61E-07	2.10E-07	1.98E-07	9.49E-09	2.29E-07	5.06E-08	6.90E-08	1.10E-07	1.93E-08	1.04E-07	5.91E-07
1874	495311.1	3859202	8.16E-04	8.36E-04	7.88E-04	2.83E-07	8.53E-07	4.94E-07	5.06E-07	4.59E-07	2.09E-07	1.97E-07	9.43E-09	2.28E-07	5.03E-08	6.87E-08	1.09E-07	1.92E-08	1.04E-07	5.88E-07
1875	495361.1	3859202	8.12E-04	8.31E-04	7.84E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.08E-07	1.96E-07	9.38E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.91E-08	1.03E-07	5.85E-07
1876	495411.1	3859202	8.10E-04	8.30E-04	7.83E-04	2.80E-07	8.47E-07	4.90E-07	5.02E-07	4.55E-07	2.08E-07	1.96E-07	9.37E-09	2.26E-07	4.99E-08	6.82E-08	1.08E-07	1.91E-08	1.03E-07	5.84E-07
1877	495461.1	3859202	8.06E-04	8.25E-04	7.79E-04	2.79E-07	8.42E-07	4.88E-07	4.99E-07	4.53E-07	2.07E-07	1.95E-07	9.31E-09	2.25E-07	4.96E-08	6.78E-08	1.08E-07	1.90E-08	1.02E-07	5.81E-07
1878	495511.1	3859202	8.00E-04	8.19E-04	7.73E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.49E-07	2.05E-07	1.93E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.88E-08	1.02E-07	5.76E-07
1879	495561.1	3859202	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
1880	495611.1	3859202	7.85E-04	8.04E-04	7.59E-04	2.72E-07	8.21E-07	4.75E-07	4.87E-07	4.41E-07	2.01E-07	1.90E-07	9.08E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.85E-08	9.96E-08	5.66E-07
1881	495661.1	3859202	7.81E-04	8.00E-04	7.54E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.39E-07	2.00E-07	1.89E-07	9.02E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.84E-08	9.91E-08	5.62E-07
1882	494311.1	3859252	1.06E-03	1.09E-03	1.02E-03	3.67E-07	1.11E-06	6.41E-07	6.57E-07	5.95E-07	2.72E-07	2.56E-07	1.22E-08	2.96E-07	6.53E-08	8.92E-08	1.41E-07	2.49E-08	1.34E-07	7.63E-07
1883	494361.1	3859252	1.05E-03	1.07E-03	1.01E-03	3.63E-07	1.10E-06	6.34E-07	6.49E-07	5.89E-07	2.69E-07	2.53E-07	1.21E-08	2.93E-07	6.46E-08	8.82E-08	1.40E-07	2.47E-08	1.33E-07	7.55E-07
1884	494411.1	3859252	1.03E-03	1.06E-03	9.95E-04	3.57E-07	1.08E-06	6.23E-07	6.38E-07	5.79E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.35E-08	8.67E-08	1.38E-07	2.42E-08	1.31E-07	7.42E-07
1885	494461.1	3859252	1.02E-03	1.04E-03	9.85E-04	3.53E-07	1.07E-06	6.17E-07	6.32E-07	5.73E-07	2.61E-07	2.47E-07	1.18E-08	2.85E-07	6.28E-08	8.58E-08	1.36E-07	2.40E-08	1.29E-07	7.35E-07
1886	494511.1	3859252	1.00E-03	1.02E-03	9.67E-04	3.46E-07	1.05E-06	6.05E-07	6.20E-07	5.62E-07	2.57E-07	2.42E-07	1.16E-08	2.79E-07	6.17E-08	8.42E-08	1.34E-07	2.35E-08	1.27E-07	7.21E-07
1887	494561.1	3859252	9.89E-04	1.01E-03	9.55E-04	3.42E-07	1.03E-06	5.98E-07	6.13E-07	5.56E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.09E-08	8.32E-08	1.32E-07	2.33E-08	1.25E-07	7.12E-07
1888	494611.1	3859252	9.74E-04	9.98E-04	9.41E-04	3.37E-07	1.02E-06	5.89E-07	6.04E-07	5.47E-07	2.50E-07	2.36E-07	1.13E-08	2.72E-07	6.00E-08	8.20E-08	1.30E-07	2.29E-08	1.24E-07	7.02E-07
1889	494661.1	3859252	9.65E-04	9.89E-04	9.33E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.47E-07	2.33E-07	1.12E-08	2.70E-07	5.95E-08	8.12E-08	1.29E-07	2.27E-08	1.22E-07	6.95E-07
1890	494711.1	3859252	9.53E-04	9.77E-04	9.21E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.44E-07	2.31E-07	1.10E-08	2.66E-07	5.87E-08	8.02E-08	1.27E-07	2.24E-08	1.21E-07	6.87E-07
1891	494761.1	3859252	9.30E-04	9.52E-04	8.98E-04	3.22E-07	9.72E-07	5.63E-07	5.76E-07	5.22E-07	2.38E-07	2.25E-07	1.07E-08	2.60E-07	5.73E-08	7.82E-08	1.24E-07	2.19E-08	1.18E-07	6.70E-07
1892	494811.1	3859252	9.25E-04	9.48E-04	8.94E-04	3.20E-07	9.67E-07	5.60E-07	5.73E-07	5.20E-07	2.37E-07	2.24E-07	1.07E-08	2.58E-07	5.70E-08	7.79E-08	1.24E-07	2.18E-08	1.17E-07	6.67E-07
1893	494861.1	3859252	9.02E-04	9.24E-04	8.71E-04	3.12E-07	9.43E-07	5.46E-07	5.59E-07	5.07E-07	2.31E-07	2.18E-07	1.04E-08	2.52E-07	5.56E-08	7.59E-08	1.20E-07	2.12E-08	1.14E-07	6.50E-07
1894	494911.1	3859252	8.88E-04	9.10E-04	8.58E-04	3.08E-07	9.29E-07	5.38E-07	5.51E-07	4.99E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.47E-08	7.48E-08	1.19E-07	2.09E-08	1.13E-07	6.40E-07
1895	494961.1	3859252	8.77E-04	8.98E-04	8.47E-04	3.03E-07	9.16E-07	5.30E-07	5.43E-07	4.92E-07	2.25E-07	2.12E-07	1.01E-08	2.45E-07	5.40E-08	7.38E-08	1.17E-07	2.06E-08	1.11E-07	6.32E-07
1896	495011.1	3859252	8.65E-04	8.86E-04	8.36E-04	2.99E-07	9.04E-07	5.23E-07	5.36E-07	4.86E-07	2.22E-07	2.09E-07	1.00E-08	2.41E-07	5.33E-08	7.28E-08	1.15E-07	2.03E-08	1.10E-07	6.23E-07
1897	495061.1	3859252	8.62E-04	8.83E-04	8.33E-04	2.98E-07	9.01E-07	5.22E-07	5.34E-07	4.84E-07	2.21E-07	2.08E-07	9.96E-09	2.41E-07	5.31E-08	7.25E-08	1.15E-07	2.03E-08	1.09E-07	6.21E-07

1898	495111.1	3859252	8.56E-04	8.77E-04	8.27E-04	2.96E-07	8.95E-07	5.18E-07	5.30E-07	4.81E-07	2.19E-07	2.07E-07	9.89E-09	2.39E-07	5.27E-08	7.20E-08	1.14E-07	2.01E-08	1.09E-07	6.17E-07
1899	495161.1	3859252	8.52E-04	8.72E-04	8.23E-04	2.95E-07	8.90E-07	5.15E-07	5.28E-07	4.78E-07	2.18E-07	2.06E-07	9.84E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	2.00E-08	1.08E-07	6.14E-07
1900	495211.1	3859252	8.44E-04	8.65E-04	8.16E-04	2.92E-07	8.82E-07	5.11E-07	5.23E-07	4.74E-07	2.16E-07	2.04E-07	9.76E-09	2.36E-07	5.20E-08	7.10E-08	1.13E-07	1.99E-08	1.07E-07	6.08E-07
1901	495261.1	3859252	8.37E-04	8.57E-04	8.08E-04	2.90E-07	8.75E-07	5.06E-07	5.19E-07	4.70E-07	2.15E-07	2.02E-07	9.67E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.97E-08	1.06E-07	6.03E-07
1902	495311.1	3859252	8.37E-04	8.57E-04	8.08E-04	2.90E-07	8.75E-07	5.06E-07	5.19E-07	4.70E-07	2.15E-07	2.02E-07	9.67E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.97E-08	1.06E-07	6.03E-07
1903	495361.1	3859252	8.31E-04	8.51E-04	8.03E-04	2.88E-07	8.68E-07	5.03E-07	5.15E-07	4.67E-07	2.13E-07	2.01E-07	9.60E-09	2.32E-07	5.12E-08	6.99E-08	1.11E-07	1.95E-08	1.05E-07	5.99E-07
1904	495411.1	3859252	8.29E-04	8.50E-04	8.01E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.13E-07	2.01E-07	9.59E-09	2.32E-07	5.11E-08	6.98E-08	1.11E-07	1.95E-08	1.05E-07	5.98E-07
1905	495461.1	3859252	8.25E-04	8.45E-04	7.97E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.11E-07	1.99E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.94E-08	1.05E-07	5.94E-07
1906	495511.1	3859252	8.16E-04	8.36E-04	7.88E-04	2.83E-07	8.53E-07	4.94E-07	5.06E-07	4.59E-07	2.09E-07	1.97E-07	9.43E-09	2.28E-07	5.03E-08	6.87E-08	1.09E-07	1.92E-08	1.04E-07	5.88E-07
1907	495561.1	3859252	8.10E-04	8.30E-04	7.83E-04	2.80E-07	8.47E-07	4.90E-07	5.02E-07	4.55E-07	2.08E-07	1.96E-07	9.37E-09	2.26E-07	4.99E-08	6.82E-08	1.08E-07	1.91E-08	1.03E-07	5.84E-07
1908	495611.1	3859252	8.01E-04	8.21E-04	7.74E-04	2.77E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.05E-07	1.94E-07	9.26E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.89E-08	1.02E-07	5.77E-07
1909	495661.1	3859252	7.97E-04	8.16E-04	7.70E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.48E-07	2.04E-07	1.93E-07	9.21E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.87E-08	1.01E-07	5.74E-07
1910	494311.1	3859302	1.09E-03	1.12E-03	1.05E-03	3.77E-07	1.14E-06	6.59E-07	6.75E-07	6.12E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.71E-08	9.16E-08	1.45E-07	2.56E-08	1.38E-07	7.85E-07
1911	494361.1	3859302	1.07E-03	1.10E-03	1.04E-03	3.72E-07	1.12E-06	6.50E-07	6.66E-07	6.04E-07	2.75E-07	2.60E-07	1.24E-08	3.00E-07	6.62E-08	9.04E-08	1.43E-07	2.53E-08	1.36E-07	7.74E-07
1912	494411.1	3859302	1.06E-03	1.08E-03	1.02E-03	3.66E-07	1.11E-06	6.40E-07	6.56E-07	5.94E-07	2.71E-07	2.56E-07	1.22E-08	2.95E-07	6.52E-08	8.90E-08	1.41E-07	2.49E-08	1.34E-07	7.62E-07
1913	494461.1	3859302	1.04E-03	1.07E-03	1.01E-03	3.60E-07	1.09E-06	6.30E-07	6.45E-07	5.85E-07	2.67E-07	2.52E-07	1.20E-08	2.91E-07	6.41E-08	8.75E-08	1.39E-07	2.45E-08	1.32E-07	7.50E-07
1914	494511.1	3859302	1.03E-03	1.05E-03	9.91E-04	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.63E-07	2.48E-07	1.19E-08	2.86E-07	6.32E-08	8.63E-08	1.37E-07	2.41E-08	1.30E-07	7.39E-07
1915	494561.1	3859302	1.01E-03	1.04E-03	9.80E-04	3.51E-07	1.06E-06	6.13E-07	6.28E-07	5.70E-07	2.60E-07	2.45E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.39E-08	1.29E-07	7.30E-07
1916	494611.1	3859302	1.00E-03	1.02E-03	9.67E-04	3.46E-07	1.05E-06	6.05E-07	6.20E-07	5.62E-07	2.57E-07	2.42E-07	1.16E-08	2.79E-07	6.17E-08	8.42E-08	1.34E-07	2.35E-08	1.27E-07	7.21E-07
1917	494661.1	3859302	9.87E-04	1.01E-03	9.54E-04	3.42E-07	1.03E-06	5.97E-07	6.12E-07	5.55E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.08E-08	8.31E-08	1.32E-07	2.32E-08	1.25E-07	7.11E-07
1918	494711.1	3859302	9.73E-04	9.96E-04	9.40E-04	3.37E-07	1.02E-06	5.88E-07	6.03E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.29E-08	1.23E-07	7.01E-07
1919	494761.1	3859302	9.59E-04	9.83E-04	9.27E-04	3.32E-07	1.00E-06	5.80E-07	5.95E-07	5.39E-07	2.46E-07	2.32E-07	1.11E-08	2.68E-07	5.91E-08	8.07E-08	1.28E-07	2.26E-08	1.22E-07	6.91E-07
1920	494811.1	3859302	9.43E-04	9.66E-04	9.11E-04	3.26E-07	9.86E-07	5.71E-07	5.84E-07	5.30E-07	2.42E-07	2.28E-07	1.09E-08	2.63E-07	5.81E-08	7.94E-08	1.26E-07	2.22E-08	1.20E-07	6.79E-07
1921	494861.1	3859302	9.22E-04	9.45E-04	8.91E-04	3.19E-07	9.64E-07	5.58E-07	5.72E-07	5.18E-07	2.36E-07	2.23E-07	1.07E-08	2.58E-07	5.68E-08	7.76E-08	1.23E-07	2.17E-08	1.17E-07	6.65E-07
1922	494911.1	3859302	9.11E-04	9.33E-04	8.80E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.14E-08	1.16E-07	6.56E-07
1923	494961.1	3859302	8.90E-04	9.12E-04	8.60E-04	3.08E-07	9.30E-07	5.38E-07	5.52E-07	5.00E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.48E-08	7.49E-08	1.19E-07	2.09E-08	1.13E-07	6.41E-07
1924	495011.1	3859302	8.80E-04	9.01E-04	8.50E-04	3.04E-07	9.19E-07	5.32E-07	5.45E-07	4.94E-07	2.25E-07	2.13E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.07E-08	1.12E-07	6.34E-07
1925	495061.1	3859302	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
1926	495111.1	3859302	8.72E-04	8.93E-04	8.43E-04	3.02E-07	9.12E-07	5.28E-07	5.41E-07	4.90E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.37E-08	7.34E-08	1.16E-07	2.05E-08	1.11E-07	6.28E-07
1927	495161.1	3859302	8.68E-04	8.89E-04	8.38E-04	3.00E-07	9.07E-07	5.25E-07	5.38E-07	4.88E-07	2.22E-07	2.10E-07	1.00E-08	2.42E-07	5.35E-08	7.30E-08	1.16E-07	2.04E-08	1.10E-07	6.25E-07
1928	495211.1	3859302	8.66E-04	8.87E-04	8.37E-04	3.00E-07	9.06E-07	5.24E-07	5.37E-07	4.87E-07	2.22E-07	2.09E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	2.04E-08	1.10E-07	6.24E-07
1929	495261.1	3859302	8.63E-04	8.84E-04	8.34E-04	2.99E-07	9.02E-07	5.22E-07	5.35E-07	4.85E-07	2.21E-07	2.09E-07	9.98E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	2.03E-08	1.10E-07	6.22E-07
1930	495311.1	3859302	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
1931	495361.1	3859302	8.52E-04	8.72E-04	8.23E-04	2.95E-07	8.90E-07	5.15E-07	5.28E-07	4.78E-07	2.18E-07	2.06E-07	9.84E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	2.00E-08	1.08E-07	6.14E-07
1932	495411.1	3859302	8.47E-04	8.68E-04	8.18E-04	2.93E-07	8.85E-07	5.13E-07	5.25E-07	4.76E-07	2.17E-07	2.05E-07	9.79E-09	2.37E-07	5.22E-08	7.13E-08	1.13E-07	1.99E-08	1.08E-07	6.10E-07
1933	495461.1	3859302	8.43E-04	8.63E-04	8.14E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.16E-07	2.04E-07	9.74E-09	2.35E-07	5.19E-08	7.09E-08	1.12E-07	1.98E-08	1.07E-07	6.07E-07
1934	495511.1	3859302	8.35E-04	8.56E-04	8.07E-04	2.89E-07	8.73E-07	5.05E-07	5.18E-07	4.69E-07	2.14E-07	2.02E-07	9.66E-09	2.33E-07	5.15E-08	7.03E-08	1.12E-07	1.97E-08	1.06E-07	6.02E-07
1935	495561.1	3859302	8.25E-04	8.45E-04	7.97E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.11E-07	1.99E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.94E-08	1.05E-07	5.94E-07
1936	495611.1	3859302	8.19E-04	8.39E-04	7.91E-04	2.84E-07	8.56E-07	4.96E-07	5.08E-07	4.60E-07	2.10E-07	1.98E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.93E-08	1.04E-07	5.90E-07
1937	495661.1	3859302	8.12E-04	8.31E-04	7.84E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.08E-07	1.96E-07	9.38E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.91E-08	1.03E-07	5.85E-07
1938	494311.1	3859352	1.12E-03	1.14E-03	1.08E-03	3.86E-07	1.17E-06	6.75E-07	6.91E-07	6.27E-07	2.86E-07	2.70E-07	1.29E-08	3.12E-07	6.87E-08	9.39E-08	1.49E-07	2.62E-08	1.42E-07	8.04E-07
1939	494361.1	3859352	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.66E-07	6.82E-07	6.19E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.78E-08	9.26E-08	1.47E-07	2.59E-08	1.40E-07	7.93E-07
1940	494411.1	3859352	1.08E-03	1.11E-03	1.05E-03	3.74E-07	1.13E-06	6.55E-07	6.70E-07	6.08E-07	2.77E-07	2.62E-07	1.25E-08	3.02E-07	6.67E-08	9.10E-08	1.44E-07	2.54E-08	1.37E-07	7.79E-07
1941	494461.1	3859352	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.11E-06	6.45E-07	6.60E-07	5.99E-07	2.73E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.97E-08	1.42E-07	2.51E-08	1.35E-07	7.68E-07
1942	494511.1	3859352	1.05E-03	1.07E-03	1.01E-03	3.63E-07	1.10E-06	6.35E-07	6.50E-07	5.90E-07	2.69E-07	2.54E-07	1.21E-08	2.93E-07	6.47E-08	8.83E-08	1.40E-07	2.47E-08	1.33E-07	7.56E-07
1943	494561.1	3859352	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.39E-08	8.73E-08	1.38E-07	2.44E-08	1.32E-07	7.47E-07
1944	494611.1	3859352	1.03E-03	1.05E-03	9.91E-04	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.63E-07	2.48E-07	1.19E-08	2.86E-07	6.32E-08	8.63E-08	1.37E-07	2.41E-08	1.30E-07	7.39E-07
1945	494661.1	3859352	1.01E-03	1.04E-03	9.77E-04	3.50E-07	1.06E-06	6.12E-07	6.27E-07	5.68E-07	2.59E-07	2.44E-07	1.17E-08	2.82E-07	6.23E-08	8.51E-08	1.35E-07	2.38E-08	1.28E-07	7.28E-07
1946	494711.1	3859352	9.95E-04	1.02E-03	9.61E-04	3.44E-07	1.04E-06	6.02E-07	6.16E-07	5.59E-07	2.55E-07	2.41E-07	1.15E-08	2.78E-07	6.13E-08	8.37E-08	1.33E-07	2.34E-08	1.26E-07	7.17E-07
1947	494761.1	3859352	9.73E-04	9.96E-04	9.40E-04	3.37E-07	1.02E-06	5.88E-07	6.03E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.29E-08	1.23E-07	7.01E-07
1948	494811.1	3859352	9.52E-04	9.75E-04	9.20E-04	3.30E-07	9.95E-07	5.76E-07	5.90E-07	5.35E-07	2.44E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.24E-08	1.21E-07	6.86E-07
1949	494861.1	3859352	9.42E-04	9.64E-04	9.10E-04	3.26E-07	9.84E-07	5.70E-07	5.84E-07	5.29E-07	2.41E-07	2.28E-07	1.09E-08	2.63E-07	5.80E-08	7.92E-08	1.26E-07	2.22E-08	1.19E-07	6.78E-07
1950	494911.1	3859352	9.33E-04	9.55E-04	9.01E-04	3.23E-07	9.75E-07	5.64E-07	5.78E-07	5.24E-07	2.39E-07	2.26E-07	1.08E-08	2.60E-07	5.75E-08	7.85E-08	1.25E-07	2.19E-08	1.18E-07	6.72E-07
1951	494961.1	3859352	9.21E-04	9.43E-04	8.90E-04	3.19E-07	9.63E-07	5.57E-07	5.71E-07	5.17E-07	2.36E-07	2.23E-07	1.06E-08	2.57E-07	5.67E-08	7.75E-08	1.23E-07	2.17E-08	1.17E-07	6.63E-07
1952	495011.1	3859352	9.12E-04	9.34E-04	8.81E-04	3.16E-07	9.53E-07	5.52E-07	5.65E-07	5.12E-07	2.34E-07	2.21E-07	1.05E-08	2.55E-07	5.62E-08	7.67E-08	1.22E-07	2.15E-08	1.16E-07	6.57E-07
1953	495061.1	3859352	9.12E-04	9.34E-04	8.81E-04	3.16E-07	9.53E-07	5.52E-07	5.65E-07	5.12E-07	2.34E-07	2.21E-07	1.05E-08	2.55E-07	5.62E-08	7.67E-08	1.22E-07	2.15E-08	1.16E-07	6.57E-07

1954	495111.1	3859352	9.02E-04	9.24E-04	8.71E-04	3.12E-07	9.43E-07	5.46E-07	5.59E-07	5.07E-07	2.31E-07	2.18E-07	1.04E-08	2.52E-07	5.56E-08	7.59E-08	1.20E-07	2.12E-08	1.14E-07	6.50E-07
1955	495161.1	3859352	8.96E-04	9.18E-04	8.65E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.30E-07	2.17E-07	1.04E-08	2.50E-07	5.52E-08	7.54E-08	1.20E-07	2.11E-08	1.14E-07	6.45E-07
1956	495211.1	3859352	8.90E-04	9.12E-04	8.60E-04	3.08E-07	9.30E-07	5.38E-07	5.52E-07	5.00E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.48E-08	7.49E-08	1.19E-07	2.09E-08	1.13E-07	6.41E-07
1957	495261.1	3859352	8.86E-04	9.07E-04	8.56E-04	3.07E-07	9.26E-07	5.36E-07	5.49E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.46E-08	7.45E-08	1.18E-07	2.08E-08	1.12E-07	6.38E-07
1958	495311.1	3859352	8.77E-04	8.98E-04	8.47E-04	3.03E-07	9.16E-07	5.30E-07	5.43E-07	4.92E-07	2.25E-07	2.12E-07	1.01E-08	2.45E-07	5.40E-08	7.38E-08	1.17E-07	2.06E-08	1.11E-07	6.32E-07
1959	495361.1	3859352	8.71E-04	8.92E-04	8.41E-04	3.01E-07	9.10E-07	5.27E-07	5.40E-07	4.89E-07	2.23E-07	2.11E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.05E-08	1.10E-07	6.27E-07
1960	495411.1	3859352	8.66E-04	8.87E-04	8.37E-04	3.00E-07	9.06E-07	5.24E-07	5.37E-07	4.87E-07	2.22E-07	2.09E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	2.04E-08	1.10E-07	6.24E-07
1961	495461.1	3859352	8.63E-04	8.84E-04	8.34E-04	2.99E-07	9.02E-07	5.22E-07	5.35E-07	4.85E-07	2.21E-07	2.09E-07	9.98E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	2.03E-08	1.10E-07	6.22E-07
1962	495511.1	3859352	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
1963	495561.1	3859352	8.46E-04	8.66E-04	8.17E-04	2.93E-07	8.84E-07	5.12E-07	5.24E-07	4.75E-07	2.17E-07	2.04E-07	9.78E-09	2.36E-07	5.21E-08	7.12E-08	1.13E-07	1.99E-08	1.07E-07	6.09E-07
1964	495611.1	3859352	8.40E-04	8.60E-04	8.11E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.15E-07	2.03E-07	9.71E-09	2.34E-07	5.17E-08	7.07E-08	1.12E-07	1.98E-08	1.07E-07	6.05E-07
1965	495661.1	3859352	8.29E-04	8.50E-04	8.01E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.13E-07	2.01E-07	9.59E-09	2.32E-07	5.11E-08	6.98E-08	1.11E-07	1.95E-08	1.05E-07	5.98E-07
1966	494311.1	3859402	1.15E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.93E-07	7.10E-07	6.43E-07	2.94E-07	2.77E-07	1.32E-08	3.20E-07	7.06E-08	9.64E-08	1.53E-07	2.69E-08	1.45E-07	8.25E-07
1967	494361.1	3859402	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.18E-06	6.80E-07	6.97E-07	6.32E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.93E-08	9.46E-08	1.50E-07	2.65E-08	1.43E-07	8.10E-07
1968	494411.1	3859402	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.69E-07	6.85E-07	6.21E-07	2.83E-07	2.67E-07	1.28E-08	3.09E-07	6.81E-08	9.30E-08	1.48E-07	2.60E-08	1.40E-07	7.96E-07
1969	494461.1	3859402	1.09E-03	1.12E-03	1.05E-03	3.77E-07	1.14E-06	6.59E-07	6.75E-07	6.12E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.71E-08	9.16E-08	1.45E-07	2.56E-08	1.38E-07	7.85E-07
1970	494511.1	3859402	1.08E-03	1.10E-03	1.04E-03	3.73E-07	1.13E-06	6.52E-07	6.68E-07	6.05E-07	2.76E-07	2.61E-07	1.25E-08	3.01E-07	6.64E-08	9.07E-08	1.44E-07	2.53E-08	1.37E-07	7.76E-07
1971	494561.1	3859402	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.11E-06	6.45E-07	6.60E-07	5.99E-07	2.73E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.97E-08	1.42E-07	2.51E-08	1.35E-07	7.68E-07
1972	494611.1	3859402	1.05E-03	1.07E-03	1.01E-03	3.63E-07	1.10E-06	6.35E-07	6.50E-07	5.90E-07	2.69E-07	2.54E-07	1.21E-08	2.93E-07	6.47E-08	8.83E-08	1.40E-07	2.47E-08	1.33E-07	7.56E-07
1973	494661.1	3859402	1.04E-03	1.06E-03	1.00E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.40E-08	8.74E-08	1.39E-07	2.44E-08	1.32E-07	7.49E-07
1974	494711.1	3859402	1.02E-03	1.05E-03	9.90E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.63E-07	2.48E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.41E-08	1.30E-07	7.38E-07
1975	494761.1	3859402	9.99E-04	1.02E-03	9.65E-04	3.46E-07	1.04E-06	6.05E-07	6.19E-07	5.61E-07	2.56E-07	2.42E-07	1.15E-08	2.79E-07	6.16E-08	8.41E-08	1.33E-07	2.35E-08	1.27E-07	7.20E-07
1976	494811.1	3859402	9.86E-04	1.01E-03	9.52E-04	3.41E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.53E-07	2.38E-07	1.14E-08	2.75E-07	6.07E-08	8.30E-08	1.32E-07	2.32E-08	1.25E-07	7.10E-07
1977	494861.1	3859402	9.67E-04	9.90E-04	9.34E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.48E-07	2.34E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.27E-08	1.23E-07	6.96E-07
1978	494911.1	3859402	9.52E-04	9.75E-04	9.20E-04	3.30E-07	9.95E-07	5.76E-07	5.90E-07	5.35E-07	2.44E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.24E-08	1.21E-07	6.86E-07
1979	494961.1	3859402	9.46E-04	9.69E-04	9.14E-04	3.27E-07	9.89E-07	5.72E-07	5.86E-07	5.31E-07	2.43E-07	2.29E-07	1.09E-08	2.64E-07	5.83E-08	7.96E-08	1.26E-07	2.23E-08	1.20E-07	6.82E-07
1980	495011.1	3859402	9.39E-04	9.61E-04	9.07E-04	3.25E-07	9.81E-07	5.68E-07	5.82E-07	5.27E-07	2.41E-07	2.27E-07	1.09E-08	2.62E-07	5.78E-08	7.90E-08	1.25E-07	2.21E-08	1.19E-07	6.76E-07
1981	495061.1	3859402	9.30E-04	9.52E-04	8.98E-04	3.22E-07	9.72E-07	5.63E-07	5.76E-07	5.22E-07	2.38E-07	2.25E-07	1.07E-08	2.60E-07	5.73E-08	7.82E-08	1.24E-07	2.19E-08	1.18E-07	6.70E-07
1982	495111.1	3859402	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
1983	495161.1	3859402	9.17E-04	9.39E-04	8.85E-04	3.17E-07	9.58E-07	5.55E-07	5.68E-07	5.15E-07	2.35E-07	2.22E-07	1.06E-08	2.56E-07	5.65E-08	7.71E-08	1.22E-07	2.16E-08	1.16E-07	6.60E-07
1984	495211.1	3859402	9.14E-04	9.36E-04	8.83E-04	3.16E-07	9.55E-07	5.53E-07	5.66E-07	5.13E-07	2.34E-07	2.21E-07	1.06E-08	2.55E-07	5.63E-08	7.69E-08	1.22E-07	2.15E-08	1.16E-07	6.58E-07
1985	495261.1	3859402	9.06E-04	9.28E-04	8.75E-04	3.14E-07	9.47E-07	5.48E-07	5.62E-07	5.09E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.58E-08	7.62E-08	1.21E-07	2.13E-08	1.15E-07	6.53E-07
1986	495311.1	3859402	8.99E-04	9.21E-04	8.68E-04	3.11E-07	9.39E-07	5.44E-07	5.57E-07	5.05E-07	2.30E-07	2.17E-07	1.04E-08	2.51E-07	5.54E-08	7.56E-08	1.20E-07	2.11E-08	1.14E-07	6.48E-07
1987	495361.1	3859402	8.96E-04	9.18E-04	8.65E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.30E-07	2.17E-07	1.04E-08	2.50E-07	5.52E-08	7.54E-08	1.20E-07	2.11E-08	1.14E-07	6.45E-07
1988	495411.1	3859402	8.91E-04	9.13E-04	8.61E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.01E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.10E-08	1.13E-07	6.42E-07
1989	495461.1	3859402	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
1990	495511.1	3859402	8.72E-04	8.93E-04	8.43E-04	3.02E-07	9.12E-07	5.28E-07	5.41E-07	4.90E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.37E-08	7.34E-08	1.16E-07	2.05E-08	1.11E-07	6.28E-07
1991	495561.1	3859402	8.62E-04	8.83E-04	8.33E-04	2.98E-07	9.01E-07	5.22E-07	5.34E-07	4.84E-07	2.21E-07	2.08E-07	9.96E-09	2.41E-07	5.31E-08	7.25E-08	1.15E-07	2.03E-08	1.09E-07	6.21E-07
1992	495611.1	3859402	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
1993	495661.1	3859402	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
1994	494311.1	3859452	1.17E-03	1.20E-03	1.13E-03	4.05E-07	1.22E-06	7.07E-07	7.24E-07	6.57E-07	3.00E-07	2.83E-07	1.35E-08	3.26E-07	7.20E-08	9.84E-08	1.56E-07	2.75E-08	1.48E-07	8.42E-07
1995	494361.1	3859452	1.15E-03	1.18E-03	1.11E-03	3.98E-07	1.20E-06	6.96E-07	7.13E-07	6.46E-07	2.95E-07	2.78E-07	1.33E-08	3.21E-07	7.08E-08	9.67E-08	1.53E-07	2.70E-08	1.46E-07	8.28E-07
1996	494411.1	3859452	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.18E-06	6.80E-07	6.97E-07	6.32E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.93E-08	9.46E-08	1.50E-07	2.65E-08	1.43E-07	8.10E-07
1997	494461.1	3859452	1.11E-03	1.14E-03	1.08E-03	3.86E-07	1.16E-06	6.74E-07	6.91E-07	6.26E-07	2.86E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.62E-08	1.41E-07	8.03E-07
1998	494511.1	3859452	1.10E-03	1.12E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.80E-07	6.17E-07	2.81E-07	2.65E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.58E-08	1.39E-07	7.91E-07
1999	494561.1	3859452	1.09E-03	1.11E-03	1.05E-03	3.76E-07	1.14E-06	6.57E-07	6.73E-07	6.10E-07	2.78E-07	2.63E-07	1.26E-08	3.03E-07	6.69E-08	9.14E-08	1.45E-07	2.56E-08	1.38E-07	7.83E-07
2000	494611.1	3859452	1.08E-03	1.10E-03	1.04E-03	3.73E-07	1.13E-06	6.52E-07	6.68E-07	6.05E-07	2.76E-07	2.61E-07	1.25E-08	3.01E-07	6.64E-08	9.07E-08	1.44E-07	2.53E-08	1.37E-07	7.76E-07
2001	494661.1	3859452	1.06E-03	1.09E-03	1.03E-03	3.67E-07	1.11E-06	6.42E-07	6.58E-07	5.96E-07	2.72E-07	2.57E-07	1.23E-08	2.96E-07	6.54E-08	8.93E-08	1.42E-07	2.50E-08	1.35E-07	7.64E-07
2002	494711.1	3859452	1.05E-03	1.07E-03	1.01E-03	3.62E-07	1.09E-06	6.33E-07	6.48E-07	5.88E-07	2.68E-07	2.53E-07	1.21E-08	2.92E-07	6.45E-08	8.80E-08	1.40E-07	2.46E-08	1.33E-07	7.54E-07
2003	494761.1	3859452	1.03E-03	1.06E-03	9.98E-04	3.58E-07	1.08E-06	6.25E-07	6.40E-07	5.80E-07	2.65E-07	2.50E-07	1.19E-08	2.88E-07	6.37E-08	8.69E-08	1.38E-07	2.43E-08	1.31E-07	7.44E-07
2004	494811.1	3859452	1.01E-03	1.04E-03	9.80E-04	3.51E-07	1.06E-06	6.13E-07	6.28E-07	5.70E-07	2.60E-07	2.45E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.39E-08	1.29E-07	7.30E-07
2005	494861.1	3859452	9.98E-04	1.02E-03	9.64E-04	3.45E-07	1.04E-06	6.04E-07	6.18E-07	5.60E-07	2.56E-07	2.41E-07	1.15E-08	2.79E-07	6.15E-08	8.39E-08	1.33E-07	2.35E-08	1.27E-07	7.19E-07
2006	494911.1	3859452	9.84E-04	1.01E-03	9.51E-04	3.41E-07	1.03E-06	5.96E-07	6.10E-07	5.53E-07	2.52E-07	2.38E-07	1.14E-08	2.75E-07	6.07E-08	8.28E-08	1.31E-07	2.32E-08	1.25E-07	7.09E-07
2007	494961.1	3859452	9.77E-04	1.00E-03	9.44E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.49E-07	2.50E-07	2.36E-07	1.13E-08	2.73E-07	6.02E-08	8.22E-08	1.30E-07	2.30E-08	1.24E-07	7.04E-07
2008	495011.1	3859452	9.67E-04	9.90E-04	9.34E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.48E-07	2.34E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.27E-08	1.23E-07	6.96E-07
2009	495061.1	3859452	9.58E-04	9.81E-04	9.25E-04	3.32E-07	1.00E-06	5.80E-07	5.94E-07	5.38E-07	2.46E-07	2.32E-07	1.11E-08	2.67E-07	5.90E-08	8.06E-08	1.28E-07	2.25E-08	1.22E-07	6.90E-07

2010	495111.1	3859452	9.48E-04	9.70E-04	9.15E-04	3.28E-07	9.90E-07	5.73E-07	5.87E-07	5.32E-07	2.43E-07	2.29E-07	1.10E-08	2.65E-07	5.84E-08	7.97E-08	1.26E-07	2.23E-08	1.20E-07	6.83E-07
2011	495161.1	3859452	9.42E-04	9.64E-04	9.10E-04	3.26E-07	9.84E-07	5.70E-07	5.84E-07	5.29E-07	2.41E-07	2.28E-07	1.09E-08	2.63E-07	5.80E-08	7.92E-08	1.26E-07	2.22E-08	1.19E-07	6.78E-07
2012	495211.1	3859452	9.37E-04	9.60E-04	9.05E-04	3.24E-07	9.80E-07	5.67E-07	5.81E-07	5.26E-07	2.40E-07	2.27E-07	1.08E-08	2.62E-07	5.77E-08	7.89E-08	1.25E-07	2.20E-08	1.19E-07	6.75E-07
2013	495261.1	3859452	9.31E-04	9.54E-04	9.00E-04	3.22E-07	9.73E-07	5.63E-07	5.77E-07	5.23E-07	2.39E-07	2.25E-07	1.08E-08	2.60E-07	5.74E-08	7.84E-08	1.24E-07	2.19E-08	1.18E-07	6.71E-07
2014	495311.1	3859452	9.24E-04	9.46E-04	8.93E-04	3.20E-07	9.66E-07	5.59E-07	5.73E-07	5.19E-07	2.37E-07	2.23E-07	1.07E-08	2.58E-07	5.69E-08	7.77E-08	1.23E-07	2.17E-08	1.17E-07	6.66E-07
2015	495361.1	3859452	9.18E-04	9.40E-04	8.87E-04	3.18E-07	9.59E-07	5.55E-07	5.69E-07	5.16E-07	2.35E-07	2.22E-07	1.06E-08	2.56E-07	5.66E-08	7.72E-08	1.23E-07	2.16E-08	1.16E-07	6.61E-07
2016	495411.1	3859452	9.11E-04	9.33E-04	8.80E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.14E-08	1.16E-07	6.56E-07
2017	495461.1	3859452	9.03E-04	9.25E-04	8.73E-04	3.13E-07	9.44E-07	5.47E-07	5.60E-07	5.07E-07	2.32E-07	2.18E-07	1.04E-08	2.52E-07	5.57E-08	7.60E-08	1.21E-07	2.12E-08	1.15E-07	6.51E-07
2018	495511.1	3859452	8.91E-04	9.13E-04	8.61E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.01E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.10E-08	1.13E-07	6.42E-07
2019	495561.1	3859452	8.84E-04	9.05E-04	8.54E-04	3.06E-07	9.24E-07	5.35E-07	5.48E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.08E-08	1.12E-07	6.37E-07
2020	495611.1	3859452	8.75E-04	8.96E-04	8.46E-04	3.03E-07	9.15E-07	5.30E-07	5.42E-07	4.92E-07	2.24E-07	2.12E-07	1.01E-08	2.44E-07	5.39E-08	7.36E-08	1.17E-07	2.06E-08	1.11E-07	6.31E-07
2021	495661.1	3859452	8.69E-04	8.90E-04	8.40E-04	3.01E-07	9.09E-07	5.26E-07	5.39E-07	4.88E-07	2.23E-07	2.10E-07	1.00E-08	2.43E-07	5.36E-08	7.31E-08	1.16E-07	2.04E-08	1.10E-07	6.26E-07
2022	494311.1	3859502	1.20E-03	1.22E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.41E-07	6.72E-07	3.06E-07	2.89E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.81E-08	1.52E-07	8.61E-07
2023	494361.1	3859502	1.18E-03	1.20E-03	1.14E-03	4.07E-07	1.23E-06	7.12E-07	7.29E-07	6.61E-07	3.02E-07	2.84E-07	1.36E-08	3.28E-07	7.25E-08	9.90E-08	1.57E-07	2.77E-08	1.49E-07	8.47E-07
2024	494411.1	3859502	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.92E-07	7.09E-07	6.43E-07	2.93E-07	2.77E-07	1.32E-08	3.19E-07	7.05E-08	9.62E-08	1.53E-07	2.69E-08	1.45E-07	8.24E-07
2025	494461.1	3859502	1.14E-03	1.17E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.92E-07	2.76E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.68E-08	1.45E-07	8.22E-07
2026	494511.1	3859502	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.17E-06	6.80E-07	6.96E-07	6.31E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.92E-08	9.45E-08	1.50E-07	2.64E-08	1.43E-07	8.09E-07
2027	494561.1	3859502	1.11E-03	1.14E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.87E-07	6.23E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.83E-08	9.33E-08	1.48E-07	2.61E-08	1.41E-07	7.99E-07
2028	494611.1	3859502	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.69E-07	6.85E-07	6.21E-07	2.83E-07	2.67E-07	1.28E-08	3.09E-07	6.81E-08	9.30E-08	1.48E-07	2.60E-08	1.40E-07	7.96E-07
2029	494661.1	3859502	1.09E-03	1.11E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.74E-07	6.11E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.70E-08	9.15E-08	1.45E-07	2.56E-08	1.38E-07	7.84E-07
2030	494711.1	3859502	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.11E-06	6.45E-07	6.60E-07	5.99E-07	2.73E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.97E-08	1.42E-07	2.51E-08	1.35E-07	7.68E-07
2031	494761.1	3859502	1.06E-03	1.09E-03	1.02E-03	3.67E-07	1.11E-06	6.41E-07	6.57E-07	5.95E-07	2.72E-07	2.56E-07	1.22E-08	2.96E-07	6.53E-08	8.92E-08	1.41E-07	2.49E-08	1.34E-07	7.63E-07
2032	494811.1	3859502	1.03E-03	1.06E-03	1.00E-03	3.58E-07	1.08E-06	6.26E-07	6.41E-07	5.81E-07	2.65E-07	2.50E-07	1.20E-08	2.89E-07	6.37E-08	8.71E-08	1.38E-07	2.43E-08	1.31E-07	7.45E-07
2033	494861.1	3859502	1.02E-03	1.05E-03	9.88E-04	3.54E-07	1.07E-06	6.19E-07	6.34E-07	5.75E-07	2.62E-07	2.47E-07	1.18E-08	2.86E-07	6.30E-08	8.61E-08	1.37E-07	2.41E-08	1.30E-07	7.37E-07
2034	494911.1	3859502	1.01E-03	1.04E-03	9.80E-04	3.51E-07	1.06E-06	6.13E-07	6.28E-07	5.70E-07	2.60E-07	2.45E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.39E-08	1.29E-07	7.30E-07
2035	494961.1	3859502	1.00E-03	1.02E-03	9.67E-04	3.46E-07	1.05E-06	6.05E-07	6.20E-07	5.62E-07	2.57E-07	2.42E-07	1.16E-08	2.79E-07	6.17E-08	8.42E-08	1.34E-07	2.35E-08	1.27E-07	7.21E-07
2036	495011.1	3859502	9.93E-04	1.02E-03	9.60E-04	3.44E-07	1.04E-06	6.01E-07	6.16E-07	5.58E-07	2.55E-07	2.40E-07	1.15E-08	2.77E-07	6.12E-08	8.36E-08	1.33E-07	2.34E-08	1.26E-07	7.16E-07
2037	495061.1	3859502	9.86E-04	1.01E-03	9.52E-04	3.41E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.53E-07	2.38E-07	1.14E-08	2.75E-07	6.07E-08	8.30E-08	1.32E-07	2.32E-08	1.25E-07	7.10E-07
2038	495111.1	3859502	9.73E-04	9.96E-04	9.40E-04	3.37E-07	1.02E-06	5.88E-07	6.03E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.29E-08	1.23E-07	7.01E-07
2039	495161.1	3859502	9.65E-04	9.89E-04	9.33E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.47E-07	2.33E-07	1.12E-08	2.70E-07	5.95E-08	8.12E-08	1.29E-07	2.27E-08	1.22E-07	6.95E-07
2040	495211.1	3859502	9.61E-04	9.84E-04	9.28E-04	3.33E-07	1.00E-06	5.81E-07	5.95E-07	5.40E-07	2.46E-07	2.32E-07	1.11E-08	2.68E-07	5.92E-08	8.08E-08	1.28E-07	2.26E-08	1.22E-07	6.92E-07
2041	495261.1	3859502	9.55E-04	9.78E-04	9.23E-04	3.31E-07	9.98E-07	5.78E-07	5.92E-07	5.36E-07	2.45E-07	2.31E-07	1.10E-08	2.67E-07	5.88E-08	8.03E-08	1.27E-07	2.25E-08	1.21E-07	6.88E-07
2042	495311.1	3859502	9.49E-04	9.72E-04	9.17E-04	3.29E-07	9.92E-07	5.74E-07	5.88E-07	5.33E-07	2.43E-07	2.29E-07	1.10E-08	2.65E-07	5.85E-08	7.98E-08	1.27E-07	2.23E-08	1.20E-07	6.84E-07
2043	495361.1	3859502	9.40E-04	9.63E-04	9.08E-04	3.25E-07	9.83E-07	5.69E-07	5.83E-07	5.28E-07	2.41E-07	2.27E-07	1.09E-08	2.63E-07	5.79E-08	7.91E-08	1.25E-07	2.21E-08	1.19E-07	6.77E-07
2044	495411.1	3859502	9.34E-04	9.57E-04	9.03E-04	3.23E-07	9.76E-07	5.65E-07	5.79E-07	5.25E-07	2.39E-07	2.26E-07	1.08E-08	2.61E-07	5.76E-08	7.86E-08	1.25E-07	2.20E-08	1.19E-07	6.73E-07
2045	495461.1	3859502	9.25E-04	9.48E-04	8.94E-04	3.20E-07	9.67E-07	5.60E-07	5.73E-07	5.20E-07	2.37E-07	2.24E-07	1.07E-08	2.58E-07	5.70E-08	7.79E-08	1.24E-07	2.18E-08	1.17E-07	6.67E-07
2046	495511.1	3859502	9.09E-04	9.31E-04	8.78E-04	3.15E-07	9.50E-07	5.50E-07	5.63E-07	5.11E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.60E-08	7.65E-08	1.21E-07	2.14E-08	1.15E-07	6.55E-07
2047	495561.1	3859502	9.06E-04	9.28E-04	8.75E-04	3.14E-07	9.47E-07	5.48E-07	5.62E-07	5.09E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.58E-08	7.62E-08	1.21E-07	2.13E-08	1.15E-07	6.53E-07
2048	495611.1	3859502	8.97E-04	9.19E-04	8.67E-04	3.11E-07	9.38E-07	5.43E-07	5.56E-07	5.04E-07	2.30E-07	2.17E-07	1.04E-08	2.51E-07	5.53E-08	7.55E-08	1.20E-07	2.11E-08	1.14E-07	6.46E-07
2049	495661.1	3859502	8.88E-04	9.10E-04	8.58E-04	3.08E-07	9.29E-07	5.38E-07	5.51E-07	4.99E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.47E-08	7.48E-08	1.19E-07	2.09E-08	1.13E-07	6.40E-07
2050	494311.1	3859552	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.57E-07	6.87E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.53E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.80E-07
2051	494361.1	3859552	1.19E-03	1.22E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.40E-07	6.71E-07	3.06E-07	2.89E-07	1.38E-08	3.33E-07	7.36E-08	1.00E-07	1.59E-07	2.81E-08	1.52E-07	8.60E-07
2052	494411.1	3859552	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	7.21E-07	6.53E-07	2.98E-07	2.81E-07	1.34E-08	3.25E-07	7.17E-08	9.79E-08	1.55E-07	2.74E-08	1.48E-07	8.38E-07
2053	494461.1	3859552	1.17E-03	1.19E-03	1.13E-03	4.04E-07	1.22E-06	7.05E-07	7.23E-07	6.55E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.18E-08	9.81E-08	1.56E-07	2.74E-08	1.48E-07	8.40E-07
2054	494511.1	3859552	1.15E-03	1.18E-03	1.11E-03	3.97E-07	1.20E-06	6.95E-07	7.12E-07	6.45E-07	2.94E-07	2.78E-07	1.33E-08	3.21E-07	7.07E-08	9.66E-08	1.53E-07	2.70E-08	1.46E-07	8.27E-07
2055	494561.1	3859552	1.13E-03	1.16E-03	1.10E-03	3.92E-07	1.18E-06	6.86E-07	7.02E-07	6.37E-07	2.91E-07	2.74E-07	1.31E-08	3.16E-07	6.98E-08	9.54E-08	1.51E-07	2.67E-08	1.44E-07	8.17E-07
2056	494611.1	3859552	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.18E-06	6.80E-07	6.97E-07	6.32E-07	2.88E-07	2.72E-07	1.30E-08	3.14E-07	6.93E-08	9.46E-08	1.50E-07	2.65E-08	1.43E-07	8.10E-07
2057	494661.1	3859552	1.11E-03	1.14E-03	1.08E-03	3.85E-07	1.16E-06	6.73E-07	6.90E-07	6.25E-07	2.85E-07	2.69E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.62E-08	1.41E-07	8.02E-07
2058	494711.1	3859552	1.08E-03	1.11E-03	1.05E-03	3.74E-07	1.13E-06	6.55E-07	6.70E-07	6.08E-07	2.77E-07	2.62E-07	1.25E-08	3.02E-07	6.67E-08	9.10E-08	1.44E-07	2.54E-08	1.37E-07	7.79E-07
2059	494761.1	3859552	1.08E-03	1.11E-03	1.05E-03	3.76E-07	1.13E-06	6.56E-07	6.72E-07	6.09E-07	2.78E-07	2.62E-07	1.25E-08	3.03E-07	6.68E-08	9.13E-08	1.45E-07	2.55E-08	1.38E-07	7.82E-07
2060	494811.1	3859552	1.06E-03	1.09E-03	1.03E-03	3.68E-07	1.11E-06	6.43E-07	6.59E-07	5.97E-07	2.72E-07	2.57E-07	1.23E-08	2.97E-07	6.55E-08	8.94E-08	1.42E-07	2.50E-08	1.35E-07	7.66E-07
2061	494861.1	3859552	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.69E-07	2.54E-07	1.21E-08	2.93E-07	6.47E-08	8.84E-08	1.40E-07	2.47E-08	1.33E-07	7.57E-07
2062	494911.1	3859552	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.39E-08	8.73E-08	1.38E-07	2.44E-08	1.32E-07	7.47E-07
2063	494961.1	3859552	1.03E-03	1.06E-03	9.95E-04	3.57E-07	1.08E-06	6.23E-07	6.38E-07	5.79E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.35E-08	8.67E-08	1.38E-07	2.42E-08	1.31E-07	7.42E-07
2064	495011.1	3859552	1.02E-03	1.05E-03	9.88E-04	3.54E-07	1.07E-06	6.19E-07	6.34E-07	5.75E-07	2.62E-07	2.47E-07	1.18E-08	2.86E-07	6.30E-08	8.61E-08	1.37E-07	2.41E-08	1.30E-07	7.37E-07
2065	495061.1	3859552	1.01E-03	1.04E-03	9.78E-04	3.50E-07	1.06E-06	6.13E-07	6.27E-07	5.69E-07	2.60E-07	2.45E-07	1.17E-08	2.83E-07	6.24E-08	8.52E-08	1.35E-07	2.38E-08	1.28E-07	7.29E-07

2066	495111.1	3859552	1.00E-03	1.02E-03	9.67E-04	3.46E-07	1.05E-06	6.05E-07	6.20E-07	5.62E-07	2.57E-07	2.42E-07	1.16E-08	2.79E-07	6.17E-08	8.42E-08	1.34E-07	2.35E-08	1.27E-07	7.21E-07
2067	495161.1	3859552	9.93E-04	1.02E-03	9.60E-04	3.44E-07	1.04E-06	6.01E-07	6.16E-07	5.58E-07	2.55E-07	2.40E-07	1.15E-08	2.77E-07	6.12E-08	8.36E-08	1.33E-07	2.34E-08	1.26E-07	7.16E-07
2068	495211.1	3859552	9.89E-04	1.01E-03	9.55E-04	3.42E-07	1.03E-06	5.98E-07	6.13E-07	5.56E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.09E-08	8.32E-08	1.32E-07	2.33E-08	1.25E-07	7.12E-07
2069	495261.1	3859552	9.79E-04	1.00E-03	9.45E-04	3.39E-07	1.02E-06	5.92E-07	6.06E-07	5.50E-07	2.51E-07	2.37E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.31E-07	2.30E-08	1.24E-07	7.05E-07
2070	495311.1	3859552	9.71E-04	9.95E-04	9.38E-04	3.36E-07	1.02E-06	5.88E-07	6.02E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.71E-07	5.98E-08	8.17E-08	1.30E-07	2.28E-08	1.23E-07	7.00E-07
2071	495361.1	3859552	9.64E-04	9.87E-04	9.31E-04	3.34E-07	1.01E-06	5.83E-07	5.97E-07	5.41E-07	2.47E-07	2.33E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.27E-08	1.22E-07	6.94E-07
2072	495411.1	3859552	9.58E-04	9.81E-04	9.25E-04	3.32E-07	1.00E-06	5.80E-07	5.94E-07	5.38E-07	2.46E-07	2.32E-07	1.11E-08	2.67E-07	5.90E-08	8.06E-08	1.28E-07	2.25E-08	1.22E-07	6.90E-07
2073	495461.1	3859552	9.46E-04	9.69E-04	9.14E-04	3.27E-07	9.89E-07	5.72E-07	5.86E-07	5.31E-07	2.43E-07	2.29E-07	1.09E-08	2.64E-07	5.83E-08	7.96E-08	1.26E-07	2.23E-08	1.20E-07	6.82E-07
2074	495511.1	3859552	9.34E-04	9.57E-04	9.03E-04	3.23E-07	9.76E-07	5.65E-07	5.79E-07	5.25E-07	2.39E-07	2.26E-07	1.08E-08	2.61E-07	5.76E-08	7.86E-08	1.25E-07	2.20E-08	1.19E-07	6.73E-07
2075	495561.1	3859552	9.27E-04	9.49E-04	8.95E-04	3.21E-07	9.69E-07	5.61E-07	5.74E-07	5.21E-07	2.38E-07	2.24E-07	1.07E-08	2.59E-07	5.71E-08	7.80E-08	1.24E-07	2.18E-08	1.18E-07	6.68E-07
2076	495611.1	3859552	9.18E-04	9.40E-04	8.87E-04	3.18E-07	9.59E-07	5.55E-07	5.69E-07	5.16E-07	2.35E-07	2.22E-07	1.06E-08	2.56E-07	5.66E-08	7.72E-08	1.23E-07	2.16E-08	1.16E-07	6.61E-07
2077	495661.1	3859552	9.09E-04	9.31E-04	8.78E-04	3.15E-07	9.50E-07	5.50E-07	5.63E-07	5.11E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.60E-08	7.65E-08	1.21E-07	2.14E-08	1.15E-07	6.55E-07
2078	494311.1	3859602	1.25E-03	1.28E-03	1.21E-03	4.33E-07	1.31E-06	7.57E-07	7.76E-07	7.03E-07	3.21E-07	3.03E-07	1.45E-08	3.49E-07	7.71E-08	1.05E-07	1.67E-07	2.94E-08	1.59E-07	9.02E-07
2079	494361.1	3859602	1.21E-03	1.24E-03	1.17E-03	4.20E-07	1.27E-06	7.34E-07	7.52E-07	6.82E-07	3.11E-07	2.93E-07	1.40E-08	3.39E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.74E-07
2080	494411.1	3859602	1.19E-03	1.22E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.70E-07	3.06E-07	2.88E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.81E-08	1.51E-07	8.59E-07
2081	494461.1	3859602	1.19E-03	1.22E-03	1.15E-03	4.12E-07	1.24E-06	7.21E-07	7.38E-07	6.69E-07	3.05E-07	2.88E-07	1.38E-08	3.33E-07	7.34E-08	1.00E-07	1.59E-07	2.80E-08	1.51E-07	8.58E-07
2082	494511.1	3859602	1.17E-03	1.20E-03	1.13E-03	4.04E-07	1.22E-06	7.06E-07	7.23E-07	6.56E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.19E-08	9.82E-08	1.56E-07	2.75E-08	1.48E-07	8.41E-07
2083	494561.1	3859602	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	7.21E-07	6.53E-07	2.98E-07	2.81E-07	1.34E-08	3.25E-07	7.17E-08	9.79E-08	1.55E-07	2.74E-08	1.48E-07	8.38E-07
2084	494611.1	3859602	1.16E-03	1.18E-03	1.12E-03	4.00E-07	1.21E-06	6.99E-07	7.16E-07	6.49E-07	2.96E-07	2.79E-07	1.34E-08	3.23E-07	7.12E-08	9.72E-08	1.54E-07	2.72E-08	1.47E-07	8.33E-07
2085	494661.1	3859602	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.89E-07	2.73E-07	1.30E-08	3.15E-07	6.95E-08	9.49E-08	1.51E-07	2.65E-08	1.43E-07	8.12E-07
2086	494711.1	3859602	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.70E-07	6.86E-07	6.22E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.82E-08	9.31E-08	1.48E-07	2.60E-08	1.40E-07	7.97E-07
2087	494761.1	3859602	1.11E-03	1.14E-03	1.08E-03	3.86E-07	1.16E-06	6.74E-07	6.91E-07	6.26E-07	2.86E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.62E-08	1.41E-07	8.03E-07
2088	494811.1	3859602	1.09E-03	1.12E-03	1.05E-03	3.78E-07	1.14E-06	6.60E-07	6.76E-07	6.13E-07	2.80E-07	2.64E-07	1.26E-08	3.05E-07	6.72E-08	9.18E-08	1.46E-07	2.57E-08	1.38E-07	7.86E-07
2089	494861.1	3859602	1.08E-03	1.11E-03	1.04E-03	3.74E-07	1.13E-06	6.54E-07	6.70E-07	6.07E-07	2.77E-07	2.61E-07	1.25E-08	3.02E-07	6.66E-08	9.09E-08	1.44E-07	2.54E-08	1.37E-07	7.78E-07
2090	494911.1	3859602	1.06E-03	1.09E-03	1.03E-03	3.68E-07	1.11E-06	6.43E-07	6.59E-07	5.97E-07	2.72E-07	2.57E-07	1.23E-08	2.97E-07	6.55E-08	8.94E-08	1.42E-07	2.50E-08	1.35E-07	7.66E-07
2091	494961.1	3859602	1.06E-03	1.09E-03	1.03E-03	3.67E-07	1.11E-06	6.42E-07	6.58E-07	5.96E-07	2.72E-07	2.57E-07	1.23E-08	2.96E-07	6.54E-08	8.93E-08	1.42E-07	2.50E-08	1.35E-07	7.64E-07
2092	495011.1	3859602	1.04E-03	1.07E-03	1.01E-03	3.61E-07	1.09E-06	6.31E-07	6.47E-07	5.86E-07	2.67E-07	2.52E-07	1.21E-08	2.91E-07	6.43E-08	8.78E-08	1.39E-07	2.45E-08	1.32E-07	7.52E-07
2093	495061.1	3859602	1.04E-03	1.06E-03	1.00E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.40E-08	8.74E-08	1.39E-07	2.44E-08	1.32E-07	7.49E-07
2094	495111.1	3859602	1.03E-03	1.05E-03	9.91E-04	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.63E-07	2.48E-07	1.19E-08	2.86E-07	6.32E-08	8.63E-08	1.37E-07	2.41E-08	1.30E-07	7.39E-07
2095	495161.1	3859602	1.02E-03	1.04E-03	9.85E-04	3.53E-07	1.07E-06	6.17E-07	6.32E-07	5.73E-07	2.61E-07	2.47E-07	1.18E-08	2.85E-07	6.28E-08	8.58E-08	1.36E-07	2.40E-08	1.29E-07	7.35E-07
2096	495211.1	3859602	1.01E-03	1.04E-03	9.77E-04	3.50E-07	1.06E-06	6.12E-07	6.27E-07	5.68E-07	2.59E-07	2.44E-07	1.17E-08	2.82E-07	6.23E-08	8.51E-08	1.35E-07	2.38E-08	1.28E-07	7.28E-07
2097	495261.1	3859602	1.01E-03	1.03E-03	9.71E-04	3.48E-07	1.05E-06	6.08E-07	6.23E-07	5.65E-07	2.58E-07	2.43E-07	1.16E-08	2.81E-07	6.19E-08	8.46E-08	1.34E-07	2.36E-08	1.28E-07	7.24E-07
2098	495311.1	3859602	9.99E-04	1.02E-03	9.65E-04	3.46E-07	1.04E-06	6.05E-07	6.19E-07	5.61E-07	2.56E-07	2.42E-07	1.15E-08	2.79E-07	6.16E-08	8.41E-08	1.33E-07	2.35E-08	1.27E-07	7.20E-07
2099	495361.1	3859602	9.90E-04	1.01E-03	9.57E-04	3.43E-07	1.04E-06	5.99E-07	6.14E-07	5.56E-07	2.54E-07	2.39E-07	1.14E-08	2.77E-07	6.10E-08	8.33E-08	1.32E-07	2.33E-08	1.26E-07	7.13E-07
2100	495411.1	3859602	9.84E-04	1.01E-03	9.51E-04	3.41E-07	1.03E-06	5.96E-07	6.10E-07	5.53E-07	2.52E-07	2.38E-07	1.14E-08	2.75E-07	6.07E-08	8.28E-08	1.31E-07	2.32E-08	1.25E-07	7.09E-07
2101	495461.1	3859602	9.70E-04	9.93E-04	9.37E-04	3.36E-07	1.01E-06	5.87E-07	6.01E-07	5.45E-07	2.49E-07	2.34E-07	1.12E-08	2.71E-07	5.97E-08	8.16E-08	1.29E-07	2.28E-08	1.23E-07	6.99E-07
2102	495511.1	3859602	9.55E-04	9.78E-04	9.23E-04	3.31E-07	9.98E-07	5.78E-07	5.92E-07	5.36E-07	2.45E-07	2.31E-07	1.10E-08	2.67E-07	5.88E-08	8.03E-08	1.27E-07	2.25E-08	1.21E-07	6.88E-07
2103	495561.1	3859602	9.52E-04	9.75E-04	9.20E-04	3.30E-07	9.95E-07	5.76E-07	5.90E-07	5.35E-07	2.44E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.24E-08	1.21E-07	6.86E-07
2104	495611.1	3859602	9.37E-04	9.60E-04	9.05E-04	3.24E-07	9.80E-07	5.67E-07	5.81E-07	5.26E-07	2.40E-07	2.27E-07	1.08E-08	2.62E-07	5.77E-08	7.89E-08	1.25E-07	2.20E-08	1.19E-07	6.75E-07
2105	495661.1	3859602	9.31E-04	9.54E-04	9.00E-04	3.22E-07	9.73E-07	5.63E-07	5.77E-07	5.23E-07	2.39E-07	2.25E-07	1.08E-08	2.60E-07	5.74E-08	7.84E-08	1.24E-07	2.19E-08	1.18E-07	6.71E-07
2106	494311.1	3859652	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.70E-07	7.88E-07	7.15E-07	3.26E-07	3.08E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.17E-07
2107	494361.1	3859652	1.24E-03	1.27E-03	1.19E-03	4.28E-07	1.29E-06	7.47E-07	7.66E-07	6.94E-07	3.17E-07	2.99E-07	1.43E-08	3.45E-07	7.61E-08	1.04E-07	1.65E-07	2.91E-08	1.57E-07	8.90E-07
2108	494411.1	3859652	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.56E-07	6.86E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.52E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.79E-07
2109	494461.1	3859652	1.22E-03	1.25E-03	1.18E-03	4.22E-07	1.27E-06	7.38E-07	7.55E-07	6.85E-07	3.12E-07	2.95E-07	1.41E-08	3.40E-07	7.51E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.78E-07
2110	494511.1	3859652	1.20E-03	1.23E-03	1.16E-03	4.16E-07	1.26E-06	7.28E-07	7.45E-07	6.76E-07	3.08E-07	2.91E-07	1.39E-08	3.36E-07	7.41E-08	1.01E-07	1.61E-07	2.83E-08	1.53E-07	8.67E-07
2111	494561.1	3859652	1.19E-03	1.22E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.70E-07	3.06E-07	2.88E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.81E-08	1.51E-07	8.59E-07
2112	494611.1	3859652	1.18E-03	1.21E-03	1.14E-03	4.09E-07	1.23E-06	7.14E-07	7.32E-07	6.63E-07	3.03E-07	2.85E-07	1.36E-08	3.30E-07	7.27E-08	9.93E-08	1.58E-07	2.78E-08	1.50E-07	8.51E-07
2113	494661.1	3859652	1.15E-03	1.18E-03	1.11E-03	3.97E-07	1.20E-06	6.95E-07	7.12E-07	6.45E-07	2.94E-07	2.78E-07	1.33E-08	3.21E-07	7.07E-08	9.66E-08	1.53E-07	2.70E-08	1.46E-07	8.27E-07
2114	494711.1	3859652	1.14E-03	1.17E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	7.05E-07	6.39E-07	2.92E-07	2.75E-07	1.32E-08	3.18E-07	7.01E-08	9.57E-08	1.52E-07	2.68E-08	1.44E-07	8.20E-07
2115	494761.1	3859652	1.13E-03	1.16E-03	1.10E-03	3.93E-07	1.19E-06	6.87E-07	7.03E-07	6.38E-07	2.91E-07	2.74E-07	1.31E-08	3.17E-07	6.99E-08	9.55E-08	1.51E-07	2.67E-08	1.44E-07	8.18E-07
2116	494811.1	3859652	1.12E-03	1.15E-03	1.08E-03	3.87E-07	1.17E-06	6.77E-07	6.93E-07	6.28E-07	2.87E-07	2.70E-07	1.29E-08	3.12E-07	6.89E-08	9.41E-08	1.49E-07	2.63E-08	1.42E-07	8.06E-07
2117	494861.1	3859652	1.11E-03	1.14E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.87E-07	6.23E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.83E-08	9.33E-08	1.48E-07	2.61E-08	1.41E-07	7.99E-07
2118	494911.1	3859652	1.10E-03	1.12E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.80E-07	6.16E-07	2.81E-07	2.65E-07	1.27E-08	3.06E-07	6.76E-08	9.23E-08	1.46E-07	2.58E-08	1.39E-07	7.90E-07
2119	494961.1	3859652	1.09E-03	1.11E-03	1.05E-03	3.76E-07	1.14E-06	6.57E-07	6.73E-07	6.10E-07	2.78E-07	2.63E-07	1.26E-08	3.03E-07	6.69E-08	9.14E-08	1.45E-07	2.56E-08	1.38E-07	7.83E-07
2120	495011.1	3859652	1.07E-03	1.10E-03	1.04E-03	3.72E-07	1.12E-06	6.50E-07	6.66E-07	6.04E-07	2.75E-07	2.60E-07	1.24E-08	3.00E-07	6.62E-08	9.04E-08	1.43E-07	2.53E-08	1.36E-07	7.74E-07
2121	495061.1	3859652	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.12E-06	6.46E-07	6.61E-07	5.99E-07	2.74E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.98E-08	1.42E-07	2.51E-08	1.35E-07	7.69E-07

2122	495111.1	3859652	1.06E-03	1.08E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.54E-07	5.93E-07	2.70E-07	2.55E-07	1.22E-08	2.95E-07	6.50E-08	8.88E-08	1.41E-07	2.48E-08	1.34E-07	7.60E-07
2123	495161.1	3859652	1.05E-03	1.07E-03	1.01E-03	3.62E-07	1.09E-06	6.33E-07	6.48E-07	5.88E-07	2.68E-07	2.53E-07	1.21E-08	2.92E-07	6.45E-08	8.80E-08	1.40E-07	2.46E-08	1.33E-07	7.54E-07
2124	495211.1	3859652	1.04E-03	1.06E-03	1.00E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.40E-08	8.74E-08	1.39E-07	2.44E-08	1.32E-07	7.49E-07
2125	495261.1	3859652	1.03E-03	1.06E-03	9.95E-04	3.57E-07	1.08E-06	6.23E-07	6.38E-07	5.79E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.35E-08	8.67E-08	1.38E-07	2.42E-08	1.31E-07	7.42E-07
2126	495311.1	3859652	1.02E-03	1.05E-03	9.88E-04	3.54E-07	1.07E-06	6.19E-07	6.34E-07	5.75E-07	2.62E-07	2.47E-07	1.18E-08	2.86E-07	6.30E-08	8.61E-08	1.37E-07	2.41E-08	1.30E-07	7.37E-07
2127	495361.1	3859652	1.02E-03	1.04E-03	9.81E-04	3.51E-07	1.06E-06	6.14E-07	6.29E-07	5.70E-07	2.60E-07	2.46E-07	1.17E-08	2.84E-07	6.26E-08	8.54E-08	1.36E-07	2.39E-08	1.29E-07	7.32E-07
2128	495411.1	3859652	1.01E-03	1.03E-03	9.72E-04	3.48E-07	1.05E-06	6.09E-07	6.24E-07	5.65E-07	2.58E-07	2.43E-07	1.16E-08	2.81E-07	6.20E-08	8.47E-08	1.34E-07	2.37E-08	1.28E-07	7.25E-07
2129	495461.1	3859652	9.92E-04	1.02E-03	9.58E-04	3.43E-07	1.04E-06	6.00E-07	6.15E-07	5.57E-07	2.54E-07	2.40E-07	1.15E-08	2.77E-07	6.11E-08	8.34E-08	1.32E-07	2.33E-08	1.26E-07	7.15E-07
2130	495511.1	3859652	9.80E-04	1.00E-03	9.47E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.51E-07	2.51E-07	2.37E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.31E-08	1.24E-07	7.06E-07
2131	495561.1	3859652	9.73E-04	9.96E-04	9.40E-04	3.37E-07	1.02E-06	5.88E-07	6.03E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.29E-08	1.23E-07	7.01E-07
2132	495611.1	3859652	9.64E-04	9.87E-04	9.31E-04	3.34E-07	1.01E-06	5.83E-07	5.97E-07	5.41E-07	2.47E-07	2.33E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.27E-08	1.22E-07	6.94E-07
2133	495661.1	3859652	9.53E-04	9.77E-04	9.21E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.44E-07	2.31E-07	1.10E-08	2.66E-07	5.87E-08	8.02E-08	1.27E-07	2.24E-08	1.21E-07	6.87E-07
2134	494311.1	3859702	1.27E-03	1.30E-03	1.23E-03	4.39E-07	1.33E-06	7.68E-07	7.87E-07	7.13E-07	3.25E-07	3.07E-07	1.47E-08	3.54E-07	7.82E-08	1.07E-07	1.69E-07	2.99E-08	1.61E-07	9.14E-07
2135	494361.1	3859702	1.25E-03	1.28E-03	1.21E-03	4.34E-07	1.31E-06	7.59E-07	7.77E-07	7.05E-07	3.22E-07	3.03E-07	1.45E-08	3.50E-07	7.73E-08	1.06E-07	1.67E-07	2.95E-08	1.59E-07	9.04E-07
2136	494411.1	3859702	1.24E-03	1.27E-03	1.20E-03	4.31E-07	1.30E-06	7.53E-07	7.71E-07	6.99E-07	3.19E-07	3.01E-07	1.44E-08	3.47E-07	7.67E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.96E-07
2137	494461.1	3859702	1.25E-03	1.28E-03	1.20E-03	4.32E-07	1.30E-06	7.55E-07	7.73E-07	7.01E-07	3.20E-07	3.02E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.98E-07
2138	494511.1	3859702	1.23E-03	1.26E-03	1.19E-03	4.27E-07	1.29E-06	7.46E-07	7.64E-07	6.92E-07	3.16E-07	2.98E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.90E-08	1.56E-07	8.88E-07
2139	494561.1	3859702	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.57E-07	6.87E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.53E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.80E-07
2140	494611.1	3859702	1.21E-03	1.24E-03	1.17E-03	4.19E-07	1.27E-06	7.33E-07	7.51E-07	6.81E-07	3.11E-07	2.93E-07	1.40E-08	3.38E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.73E-07
2141	494661.1	3859702	1.18E-03	1.21E-03	1.14E-03	4.08E-07	1.23E-06	7.13E-07	7.30E-07	6.62E-07	3.02E-07	2.85E-07	1.36E-08	3.29E-07	7.26E-08	9.91E-08	1.57E-07	2.77E-08	1.49E-07	8.48E-07
2142	494711.1	3859702	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.76E-08	1.49E-07	8.45E-07
2143	494761.1	3859702	1.16E-03	1.19E-03	1.12E-03	4.01E-07	1.21E-06	7.00E-07	7.17E-07	6.50E-07	2.97E-07	2.80E-07	1.34E-08	3.23E-07	7.13E-08	9.74E-08	1.54E-07	2.72E-08	1.47E-07	8.34E-07
2144	494811.1	3859702	1.14E-03	1.17E-03	1.10E-03	3.95E-07	1.19E-06	6.91E-07	7.08E-07	6.42E-07	2.93E-07	2.76E-07	1.32E-08	3.19E-07	7.04E-08	9.61E-08	1.52E-07	2.69E-08	1.45E-07	8.23E-07
2145	494861.1	3859702	1.14E-03	1.17E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	7.05E-07	6.39E-07	2.92E-07	2.75E-07	1.32E-08	3.18E-07	7.01E-08	9.57E-08	1.52E-07	2.68E-08	1.44E-07	8.20E-07
2146	494911.1	3859702	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.81E-07	6.98E-07	6.33E-07	2.89E-07	2.72E-07	1.30E-08	3.14E-07	6.94E-08	9.48E-08	1.50E-07	2.65E-08	1.43E-07	8.11E-07
2147	494961.1	3859702	1.11E-03	1.14E-03	1.08E-03	3.85E-07	1.16E-06	6.73E-07	6.90E-07	6.25E-07	2.85E-07	2.69E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.62E-08	1.41E-07	8.02E-07
2148	495011.1	3859702	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.69E-07	6.85E-07	6.21E-07	2.83E-07	2.67E-07	1.28E-08	3.09E-07	6.81E-08	9.30E-08	1.48E-07	2.60E-08	1.40E-07	7.96E-07
2149	495061.1	3859702	1.10E-03	1.12E-03	1.06E-03	3.79E-07	1.14E-06	6.63E-07	6.79E-07	6.15E-07	2.81E-07	2.65E-07	1.27E-08	3.06E-07	6.75E-08	9.21E-08	1.46E-07	2.58E-08	1.39E-07	7.89E-07
2150	495111.1	3859702	1.08E-03	1.11E-03	1.05E-03	3.76E-07	1.13E-06	6.56E-07	6.72E-07	6.09E-07	2.78E-07	2.62E-07	1.25E-08	3.03E-07	6.68E-08	9.13E-08	1.45E-07	2.55E-08	1.38E-07	7.82E-07
2151	495161.1	3859702	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.75E-07	2.59E-07	1.24E-08	3.00E-07	6.61E-08	9.03E-08	1.43E-07	2.52E-08	1.36E-07	7.73E-07
2152	495211.1	3859702	1.06E-03	1.09E-03	1.03E-03	3.67E-07	1.11E-06	6.42E-07	6.58E-07	5.96E-07	2.72E-07	2.57E-07	1.23E-08	2.96E-07	6.54E-08	8.93E-08	1.42E-07	2.50E-08	1.35E-07	7.64E-07
2153	495261.1	3859702	1.06E-03	1.08E-03	1.02E-03	3.66E-07	1.10E-06	6.39E-07	6.55E-07	5.94E-07	2.71E-07	2.56E-07	1.22E-08	2.95E-07	6.51E-08	8.89E-08	1.41E-07	2.49E-08	1.34E-07	7.61E-07
2154	495311.1	3859702	1.05E-03	1.07E-03	1.01E-03	3.62E-07	1.09E-06	6.33E-07	6.48E-07	5.88E-07	2.68E-07	2.53E-07	1.21E-08	2.92E-07	6.45E-08	8.80E-08	1.40E-07	2.46E-08	1.33E-07	7.54E-07
2155	495361.1	3859702	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.39E-08	8.73E-08	1.38E-07	2.44E-08	1.32E-07	7.47E-07
2156	495411.1	3859702	1.02E-03	1.05E-03	9.90E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.63E-07	2.48E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.41E-08	1.30E-07	7.38E-07
2157	495461.1	3859702	1.01E-03	1.04E-03	9.80E-04	3.51E-07	1.06E-06	6.13E-07	6.28E-07	5.70E-07	2.60E-07	2.45E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.39E-08	1.29E-07	7.30E-07
2158	495511.1	3859702	9.98E-04	1.02E-03	9.64E-04	3.45E-07	1.04E-06	6.04E-07	6.18E-07	5.60E-07	2.56E-07	2.41E-07	1.15E-08	2.79E-07	6.15E-08	8.39E-08	1.33E-07	2.35E-08	1.27E-07	7.19E-07
2159	495561.1	3859702	9.96E-04	1.02E-03	9.62E-04	3.45E-07	1.04E-06	6.03E-07	6.17E-07	5.60E-07	2.55E-07	2.41E-07	1.15E-08	2.78E-07	6.14E-08	8.38E-08	1.33E-07	2.34E-08	1.26E-07	7.18E-07
2160	495611.1	3859702	9.87E-04	1.01E-03	9.54E-04	3.42E-07	1.03E-06	5.97E-07	6.12E-07	5.55E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.08E-08	8.31E-08	1.32E-07	2.32E-08	1.25E-07	7.11E-07
2161	495661.1	3859702	9.77E-04	1.00E-03	9.44E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.49E-07	2.50E-07	2.36E-07	1.13E-08	2.73E-07	6.02E-08	8.22E-08	1.30E-07	2.30E-08	1.24E-07	7.04E-07
2162	494311.1	3859752	1.31E-03	1.34E-03	1.26E-03	4.53E-07	1.37E-06	7.91E-07	8.10E-07	7.35E-07	3.35E-07	3.16E-07	1.51E-08	3.65E-07	8.06E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.42E-07
2163	494361.1	3859752	1.29E-03	1.32E-03	1.25E-03	4.47E-07	1.35E-06	7.81E-07	8.00E-07	7.25E-07	3.31E-07	3.12E-07	1.49E-08	3.61E-07	7.96E-08	1.09E-07	1.72E-07	3.04E-08	1.64E-07	9.30E-07
2164	494411.1	3859752	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.70E-07	7.88E-07	7.15E-07	3.26E-07	3.08E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.17E-07
2165	494461.1	3859752	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.70E-07	7.88E-07	7.15E-07	3.26E-07	3.08E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.17E-07
2166	494511.1	3859752	1.27E-03	1.30E-03	1.22E-03	4.38E-07	1.32E-06	7.66E-07	7.85E-07	7.11E-07	3.25E-07	3.06E-07	1.46E-08	3.54E-07	7.80E-08	1.07E-07	1.69E-07	2.98E-08	1.61E-07	9.12E-07
2167	494561.1	3859752	1.25E-03	1.28E-03	1.21E-03	4.33E-07	1.31E-06	7.57E-07	7.76E-07	7.03E-07	3.21E-07	3.03E-07	1.45E-08	3.49E-07	7.71E-08	1.05E-07	1.67E-07	2.94E-08	1.59E-07	9.02E-07
2168	494611.1	3859752	1.23E-03	1.26E-03	1.19E-03	4.27E-07	1.29E-06	7.47E-07	7.65E-07	6.93E-07	3.16E-07	2.98E-07	1.43E-08	3.45E-07	7.60E-08	1.04E-07	1.65E-07	2.90E-08	1.57E-07	8.89E-07
2169	494661.1	3859752	1.20E-03	1.23E-03	1.16E-03	4.17E-07	1.26E-06	7.29E-07	7.46E-07	6.77E-07	3.09E-07	2.91E-07	1.39E-08	3.36E-07	7.42E-08	1.01E-07	1.61E-07	2.83E-08	1.53E-07	8.68E-07
2170	494711.1	3859752	1.20E-03	1.23E-03	1.16E-03	4.16E-07	1.26E-06	7.28E-07	7.45E-07	6.76E-07	3.08E-07	2.91E-07	1.39E-08	3.36E-07	7.41E-08	1.01E-07	1.61E-07	2.83E-08	1.53E-07	8.67E-07
2171	494761.1	3859752	1.19E-03	1.22E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.40E-07	6.71E-07	3.06E-07	2.89E-07	1.38E-08	3.33E-07	7.36E-08	1.00E-07	1.59E-07	2.81E-08	1.52E-07	8.60E-07
2172	494811.1	3859752	1.18E-03	1.21E-03	1.14E-03	4.08E-07	1.23E-06	7.14E-07	7.31E-07	6.62E-07	3.02E-07	2.85E-07	1.36E-08	3.29E-07	7.27E-08	9.92E-08	1.57E-07	2.77E-08	1.50E-07	8.50E-07
2173	494861.1	3859752	1.17E-03	1.20E-03	1.13E-03	4.04E-07	1.22E-06	7.06E-07	7.23E-07	6.56E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.19E-08	9.82E-08	1.56E-07	2.75E-08	1.48E-07	8.41E-07
2174	494911.1	3859752	1.16E-03	1.19E-03	1.12E-03	4.01E-07	1.21E-06	7.00E-07	7.17E-07	6.50E-07	2.97E-07	2.80E-07	1.34E-08	3.23E-07	7.13E-08	9.74E-08	1.54E-07	2.72E-08	1.47E-07	8.34E-07
2175	494961.1	3859752	1.15E-03	1.17E-03	1.11E-03	3.97E-07	1.20E-06	6.94E-07	7.11E-07	6.44E-07	2.94E-07	2.77E-07	1.33E-08	3.20E-07	7.07E-08	9.65E-08	1.53E-07	2.70E-08	1.46E-07	8.26E-07
2176	495011.1	3859752	1.13E-03	1.16E-03	1.10E-03	3.93E-07	1.19E-06	6.87E-07	7.03E-07	6.38E-07	2.91E-07	2.74E-07	1.31E-08	3.17E-07	6.99E-08	9.55E-08	1.51E-07	2.67E-08	1.44E-07	8.18E-07
2177	495061.1	3859752	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.89E-07	2.73E-07	1.30E-08	3.15E-07	6.95E-08	9.49E-08	1.51E-07	2.65E-08	1.43E-07	8.12E-07

2178	495111.1	3859752	1.12E-03	1.14E-03	1.08E-03	3.86E-07	1.17E-06	6.75E-07	6.91E-07	6.27E-07	2.86E-07	2.70E-07	1.29E-08	3.12E-07	6.87E-08	9.39E-08	1.49E-07	2.62E-08	1.42E-07	8.04E-07
2179	495161.1	3859752	1.10E-03	1.13E-03	1.07E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.83E-07	2.67E-07	1.28E-08	3.08E-07	6.80E-08	9.29E-08	1.47E-07	2.60E-08	1.40E-07	7.95E-07
2180	495211.1	3859752	1.09E-03	1.12E-03	1.06E-03	3.78E-07	1.14E-06	6.61E-07	6.77E-07	6.14E-07	2.80E-07	2.64E-07	1.26E-08	3.05E-07	6.73E-08	9.19E-08	1.46E-07	2.57E-08	1.39E-07	7.87E-07
2181	495261.1	3859752	1.08E-03	1.11E-03	1.05E-03	3.75E-07	1.13E-06	6.55E-07	6.71E-07	6.09E-07	2.78E-07	2.62E-07	1.25E-08	3.02E-07	6.67E-08	9.11E-08	1.45E-07	2.55E-08	1.37E-07	7.80E-07
2182	495311.1	3859752	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.75E-07	2.59E-07	1.24E-08	3.00E-07	6.61E-08	9.03E-08	1.43E-07	2.52E-08	1.36E-07	7.73E-07
2183	495361.1	3859752	1.06E-03	1.09E-03	1.03E-03	3.68E-07	1.11E-06	6.43E-07	6.59E-07	5.97E-07	2.72E-07	2.57E-07	1.23E-08	2.97E-07	6.55E-08	8.94E-08	1.42E-07	2.50E-08	1.35E-07	7.66E-07
2184	495411.1	3859752	1.05E-03	1.08E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.53E-07	5.92E-07	2.70E-07	2.55E-07	1.22E-08	2.94E-07	6.49E-08	8.87E-08	1.41E-07	2.48E-08	1.34E-07	7.59E-07
2185	495461.1	3859752	1.04E-03	1.07E-03	1.01E-03	3.60E-07	1.09E-06	6.30E-07	6.45E-07	5.85E-07	2.67E-07	2.52E-07	1.20E-08	2.91E-07	6.41E-08	8.75E-08	1.39E-07	2.45E-08	1.32E-07	7.50E-07
2186	495511.1	3859752	1.03E-03	1.05E-03	9.92E-04	3.56E-07	1.07E-06	6.22E-07	6.37E-07	5.77E-07	2.63E-07	2.48E-07	1.19E-08	2.87E-07	6.33E-08	8.64E-08	1.37E-07	2.42E-08	1.30E-07	7.40E-07
2187	495561.1	3859752	1.02E-03	1.04E-03	9.84E-04	3.53E-07	1.06E-06	6.16E-07	6.31E-07	5.72E-07	2.61E-07	2.46E-07	1.18E-08	2.84E-07	6.27E-08	8.57E-08	1.36E-07	2.40E-08	1.29E-07	7.34E-07
2188	495611.1	3859752	1.01E-03	1.03E-03	9.75E-04	3.49E-07	1.06E-06	6.11E-07	6.26E-07	5.67E-07	2.59E-07	2.44E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.37E-08	1.28E-07	7.27E-07
2189	495661.1	3859752	1.00E-03	1.03E-03	9.68E-04	3.47E-07	1.05E-06	6.06E-07	6.21E-07	5.63E-07	2.57E-07	2.42E-07	1.16E-08	2.80E-07	6.17E-08	8.43E-08	1.34E-07	2.36E-08	1.27E-07	7.22E-07
2190	494311.1	3859802	1.35E-03	1.38E-03	1.30E-03	4.66E-07	1.41E-06	8.14E-07	8.34E-07	7.56E-07	3.45E-07	3.25E-07	1.56E-08	3.76E-07	8.29E-08	1.13E-07	1.80E-07	3.17E-08	1.71E-07	9.70E-07
2191	494361.1	3859802	1.32E-03	1.35E-03	1.28E-03	4.58E-07	1.38E-06	8.00E-07	8.20E-07	7.43E-07	3.39E-07	3.20E-07	1.53E-08	3.69E-07	8.15E-08	1.11E-07	1.77E-07	3.11E-08	1.68E-07	9.53E-07
2192	494411.1	3859802	1.30E-03	1.33E-03	1.25E-03	4.50E-07	1.36E-06	7.86E-07	8.05E-07	7.30E-07	3.33E-07	3.14E-07	1.50E-08	3.63E-07	8.00E-08	1.09E-07	1.73E-07	3.06E-08	1.65E-07	9.36E-07
2193	494461.1	3859802	1.30E-03	1.33E-03	1.25E-03	4.49E-07	1.36E-06	7.85E-07	8.04E-07	7.29E-07	3.33E-07	3.14E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.73E-07	3.05E-08	1.65E-07	9.35E-07
2194	494511.1	3859802	1.30E-03	1.33E-03	1.25E-03	4.49E-07	1.36E-06	7.85E-07	8.04E-07	7.29E-07	3.33E-07	3.14E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.73E-07	3.05E-08	1.65E-07	9.35E-07
2195	494561.1	3859802	1.28E-03	1.32E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.96E-07	7.21E-07	3.29E-07	3.10E-07	1.48E-08	3.59E-07	7.91E-08	1.08E-07	1.71E-07	3.02E-08	1.63E-07	9.25E-07
2196	494611.1	3859802	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.79E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.06E-07
2197	494661.1	3859802	1.24E-03	1.27E-03	1.20E-03	4.30E-07	1.30E-06	7.52E-07	7.70E-07	6.98E-07	3.19E-07	3.00E-07	1.44E-08	3.47E-07	7.66E-08	1.05E-07	1.66E-07	2.92E-08	1.58E-07	8.95E-07
2198	494711.1	3859802	1.22E-03	1.25E-03	1.18E-03	4.24E-07	1.28E-06	7.41E-07	7.59E-07	6.88E-07	3.14E-07	2.96E-07	1.42E-08	3.42E-07	7.55E-08	1.03E-07	1.64E-07	2.88E-08	1.55E-07	8.83E-07
2199	494761.1	3859802	1.22E-03	1.25E-03	1.18E-03	4.24E-07	1.28E-06	7.40E-07	7.58E-07	6.87E-07	3.14E-07	2.96E-07	1.41E-08	3.42E-07	7.54E-08	1.03E-07	1.63E-07	2.88E-08	1.55E-07	8.81E-07
2200	494811.1	3859802	1.21E-03	1.24E-03	1.17E-03	4.19E-07	1.26E-06	7.32E-07	7.50E-07	6.80E-07	3.10E-07	2.93E-07	1.40E-08	3.38E-07	7.46E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.72E-07
2201	494861.1	3859802	1.20E-03	1.23E-03	1.16E-03	4.15E-07	1.25E-06	7.26E-07	7.44E-07	6.74E-07	3.08E-07	2.90E-07	1.39E-08	3.35E-07	7.39E-08	1.01E-07	1.60E-07	2.82E-08	1.52E-07	8.64E-07
2202	494911.1	3859802	1.19E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.66E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.30E-08	9.97E-08	1.58E-07	2.79E-08	1.50E-07	8.54E-07
2203	494961.1	3859802	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.76E-08	1.49E-07	8.45E-07
2204	495011.1	3859802	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	7.21E-07	6.53E-07	2.98E-07	2.81E-07	1.34E-08	3.25E-07	7.17E-08	9.79E-08	1.55E-07	2.74E-08	1.48E-07	8.38E-07
2205	495061.1	3859802	1.15E-03	1.18E-03	1.11E-03	3.99E-07	1.20E-06	6.97E-07	7.14E-07	6.48E-07	2.95E-07	2.79E-07	1.33E-08	3.22E-07	7.10E-08	9.70E-08	1.54E-07	2.71E-08	1.46E-07	8.30E-07
2206	495111.1	3859802	1.14E-03	1.17E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.92E-07	2.76E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.68E-08	1.45E-07	8.22E-07
2207	495161.1	3859802	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.89E-07	2.73E-07	1.30E-08	3.15E-07	6.95E-08	9.49E-08	1.51E-07	2.65E-08	1.43E-07	8.12E-07
2208	495211.1	3859802	1.12E-03	1.15E-03	1.08E-03	3.87E-07	1.17E-06	6.77E-07	6.93E-07	6.28E-07	2.87E-07	2.70E-07	1.29E-08	3.12E-07	6.89E-08	9.41E-08	1.49E-07	2.63E-08	1.42E-07	8.06E-07
2209	495261.1	3859802	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.70E-07	6.86E-07	6.22E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.82E-08	9.31E-08	1.48E-07	2.60E-08	1.40E-07	7.97E-07
2210	495311.1	3859802	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.65E-07	6.81E-07	6.18E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.77E-08	9.25E-08	1.47E-07	2.59E-08	1.40E-07	7.92E-07
2211	495361.1	3859802	1.09E-03	1.11E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.74E-07	6.11E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.70E-08	9.15E-08	1.45E-07	2.56E-08	1.38E-07	7.84E-07
2212	495411.1	3859802	1.08E-03	1.10E-03	1.04E-03	3.72E-07	1.12E-06	6.51E-07	6.67E-07	6.04E-07	2.76E-07	2.60E-07	1.24E-08	3.00E-07	6.63E-08	9.05E-08	1.44E-07	2.53E-08	1.37E-07	7.75E-07
2213	495461.1	3859802	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.11E-06	6.45E-07	6.60E-07	5.99E-07	2.73E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.97E-08	1.42E-07	2.51E-08	1.35E-07	7.68E-07
2214	495511.1	3859802	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.70E-07	2.54E-07	1.22E-08	2.94E-07	6.48E-08	8.85E-08	1.40E-07	2.48E-08	1.34E-07	7.58E-07
2215	495561.1	3859802	1.04E-03	1.07E-03	1.01E-03	3.61E-07	1.09E-06	6.31E-07	6.47E-07	5.86E-07	2.67E-07	2.52E-07	1.21E-08	2.91E-07	6.43E-08	8.78E-08	1.39E-07	2.45E-08	1.32E-07	7.52E-07
2216	495611.1	3859802	1.04E-03	1.06E-03	1.00E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.40E-08	8.74E-08	1.39E-07	2.44E-08	1.32E-07	7.49E-07
2217	495661.1	3859802	1.03E-03	1.05E-03	9.91E-04	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.63E-07	2.48E-07	1.19E-08	2.86E-07	6.32E-08	8.63E-08	1.37E-07	2.41E-08	1.30E-07	7.39E-07
2218	494311.1	3859852	1.38E-03	1.41E-03	1.33E-03	4.77E-07	1.44E-06	8.33E-07	8.53E-07	7.74E-07	3.53E-07	3.33E-07	1.59E-08	3.84E-07	8.48E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.92E-07
2219	494361.1	3859852	1.36E-03	1.39E-03	1.31E-03	4.70E-07	1.42E-06	8.22E-07	8.41E-07	7.63E-07	3.48E-07	3.28E-07	1.57E-08	3.79E-07	8.37E-08	1.14E-07	1.81E-07	3.19E-08	1.72E-07	9.78E-07
2220	494411.1	3859852	1.34E-03	1.37E-03	1.29E-03	4.63E-07	1.40E-06	8.09E-07	8.29E-07	7.51E-07	3.43E-07	3.23E-07	1.55E-08	3.73E-07	8.24E-08	1.13E-07	1.78E-07	3.15E-08	1.70E-07	9.63E-07
2221	494461.1	3859852	1.32E-03	1.35E-03	1.28E-03	4.57E-07	1.38E-06	7.99E-07	8.19E-07	7.42E-07	3.39E-07	3.19E-07	1.53E-08	3.69E-07	8.14E-08	1.11E-07	1.76E-07	3.11E-08	1.68E-07	9.52E-07
2222	494511.1	3859852	1.32E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.96E-07	8.15E-07	7.39E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.10E-08	1.11E-07	1.76E-07	3.09E-08	1.67E-07	9.47E-07
2223	494561.1	3859852	1.31E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.95E-07	8.14E-07	7.38E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.09E-08	1.11E-07	1.75E-07	3.09E-08	1.67E-07	9.46E-07
2224	494611.1	3859852	1.28E-03	1.32E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.96E-07	7.21E-07	3.29E-07	3.10E-07	1.48E-08	3.59E-07	7.91E-08	1.08E-07	1.71E-07	3.02E-08	1.63E-07	9.25E-07
2225	494661.1	3859852	1.28E-03	1.31E-03	1.23E-03	4.42E-07	1.33E-06	7.72E-07	7.91E-07	7.17E-07	3.27E-07	3.09E-07	1.48E-08	3.56E-07	7.87E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.20E-07
2226	494711.1	3859852	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.60E-07	7.78E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.74E-08	1.06E-07	1.68E-07	2.95E-08	1.59E-07	9.05E-07
2227	494761.1	3859852	1.25E-03	1.28E-03	1.21E-03	4.34E-07	1.31E-06	7.58E-07	7.77E-07	7.04E-07	3.21E-07	3.03E-07	1.45E-08	3.50E-07	7.72E-08	1.05E-07	1.67E-07	2.95E-08	1.59E-07	9.03E-07
2228	494811.1	3859852	1.24E-03	1.27E-03	1.20E-03	4.29E-07	1.30E-06	7.50E-07	7.68E-07	6.96E-07	3.18E-07	3.00E-07	1.43E-08	3.46E-07	7.64E-08	1.04E-07	1.65E-07	2.92E-08	1.57E-07	8.93E-07
2229	494861.1	3859852	1.23E-03	1.26E-03	1.19E-03	4.27E-07	1.29E-06	7.46E-07	7.64E-07	6.92E-07	3.16E-07	2.98E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.90E-08	1.56E-07	8.88E-07
2230	494911.1	3859852	1.22E-03	1.25E-03	1.17E-03	4.21E-07	1.27E-06	7.36E-07	7.54E-07	6.83E-07	3.12E-07	2.94E-07	1.41E-08	3.40E-07	7.49E-08	1.02E-07	1.62E-07	2.86E-08	1.54E-07	8.76E-07
2231	494961.1	3859852	1.21E-03	1.23E-03	1.16E-03	4.17E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.09E-07	2.92E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.84E-08	1.53E-07	8.69E-07
2232	495011.1	3859852	1.19E-03	1.22E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.40E-07	6.71E-07	3.06E-07	2.89E-07	1.38E-08	3.33E-07	7.36E-08	1.00E-07	1.59E-07	2.81E-08	1.52E-07	8.60E-07
2233	495061.1	3859852	1.18E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.16E-07	7.34E-07	6.65E-07	3.03E-07	2.86E-07	1.37E-08	3.30E-07	7.29E-08	9.96E-08	1.58E-07	2.78E-08	1.50E-07	8.53E-07

2234	495111.1	3859852	1.17E-03	1.20E-03	1.13E-03	4.05E-07	1.22E-06	7.07E-07	7.24E-07	6.57E-07	3.00E-07	2.83E-07	1.35E-08	3.26E-07	7.20E-08	9.84E-08	1.56E-07	2.75E-08	1.48E-07	8.42E-07
2235	495161.1	3859852	1.16E-03	1.19E-03	1.12E-03	4.01E-07	1.21E-06	7.00E-07	7.17E-07	6.50E-07	2.97E-07	2.80E-07	1.34E-08	3.23E-07	7.13E-08	9.74E-08	1.54E-07	2.72E-08	1.47E-07	8.34E-07
2236	495211.1	3859852	1.15E-03	1.17E-03	1.11E-03	3.97E-07	1.20E-06	6.94E-07	7.11E-07	6.44E-07	2.94E-07	2.77E-07	1.33E-08	3.20E-07	7.07E-08	9.65E-08	1.53E-07	2.70E-08	1.46E-07	8.26E-07
2237	495261.1	3859852	1.13E-03	1.16E-03	1.10E-03	3.93E-07	1.19E-06	6.87E-07	7.03E-07	6.38E-07	2.91E-07	2.74E-07	1.31E-08	3.17E-07	6.99E-08	9.55E-08	1.51E-07	2.67E-08	1.44E-07	8.18E-07
2238	495311.1	3859852	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.81E-07	6.98E-07	6.33E-07	2.89E-07	2.72E-07	1.30E-08	3.14E-07	6.94E-08	9.48E-08	1.50E-07	2.65E-08	1.43E-07	8.11E-07
2239	495361.1	3859852	1.12E-03	1.14E-03	1.08E-03	3.86E-07	1.17E-06	6.75E-07	6.91E-07	6.27E-07	2.86E-07	2.70E-07	1.29E-08	3.12E-07	6.87E-08	9.39E-08	1.49E-07	2.62E-08	1.42E-07	8.04E-07
2240	495411.1	3859852	1.10E-03	1.13E-03	1.07E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.83E-07	2.67E-07	1.28E-08	3.08E-07	6.80E-08	9.29E-08	1.47E-07	2.60E-08	1.40E-07	7.95E-07
2241	495461.1	3859852	1.09E-03	1.12E-03	1.06E-03	3.78E-07	1.14E-06	6.61E-07	6.77E-07	6.14E-07	2.80E-07	2.64E-07	1.26E-08	3.05E-07	6.73E-08	9.19E-08	1.46E-07	2.57E-08	1.39E-07	7.87E-07
2242	495511.1	3859852	1.08E-03	1.10E-03	1.04E-03	3.73E-07	1.13E-06	6.53E-07	6.69E-07	6.06E-07	2.77E-07	2.61E-07	1.25E-08	3.01E-07	6.65E-08	9.08E-08	1.44E-07	2.54E-08	1.37E-07	7.77E-07
2243	495561.1	3859852	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.48E-07	6.64E-07	6.02E-07	2.75E-07	2.59E-07	1.24E-08	2.99E-07	6.60E-08	9.02E-08	1.43E-07	2.52E-08	1.36E-07	7.72E-07
2244	495611.1	3859852	1.06E-03	1.09E-03	1.03E-03	3.68E-07	1.11E-06	6.44E-07	6.59E-07	5.98E-07	2.73E-07	2.57E-07	1.23E-08	2.97E-07	6.56E-08	8.95E-08	1.42E-07	2.50E-08	1.35E-07	7.67E-07
2245	495661.1	3859852	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.70E-07	2.54E-07	1.22E-08	2.94E-07	6.48E-08	8.85E-08	1.40E-07	2.48E-08	1.34E-07	7.58E-07
2246	494311.1	3859902	1.41E-03	1.44E-03	1.36E-03	4.87E-07	1.47E-06	8.52E-07	8.73E-07	7.91E-07	3.61E-07	3.40E-07	1.63E-08	3.93E-07	8.68E-08	1.18E-07	1.88E-07	3.31E-08	1.79E-07	1.01E-06
2247	494361.1	3859902	1.38E-03	1.41E-03	1.33E-03	4.77E-07	1.44E-06	8.34E-07	8.54E-07	7.74E-07	3.53E-07	3.33E-07	1.59E-08	3.85E-07	8.49E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.93E-07
2248	494411.1	3859902	1.37E-03	1.40E-03	1.32E-03	4.74E-07	1.43E-06	8.29E-07	8.49E-07	7.69E-07	3.51E-07	3.31E-07	1.58E-08	3.82E-07	8.44E-08	1.15E-07	1.83E-07	3.22E-08	1.74E-07	9.87E-07
2249	494461.1	3859902	1.35E-03	1.39E-03	1.31E-03	4.69E-07	1.42E-06	8.20E-07	8.40E-07	7.61E-07	3.47E-07	3.28E-07	1.57E-08	3.78E-07	8.35E-08	1.14E-07	1.81E-07	3.19E-08	1.72E-07	9.76E-07
2250	494511.1	3859902	1.34E-03	1.38E-03	1.30E-03	4.65E-07	1.41E-06	8.14E-07	8.33E-07	7.55E-07	3.45E-07	3.25E-07	1.55E-08	3.75E-07	8.28E-08	1.13E-07	1.79E-07	3.16E-08	1.71E-07	9.69E-07
2251	494561.1	3859902	1.35E-03	1.38E-03	1.30E-03	4.66E-07	1.41E-06	8.14E-07	8.34E-07	7.56E-07	3.45E-07	3.25E-07	1.56E-08	3.76E-07	8.29E-08	1.13E-07	1.80E-07	3.17E-08	1.71E-07	9.70E-07
2252	494611.1	3859902	1.32E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.96E-07	8.15E-07	7.39E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.10E-08	1.11E-07	1.76E-07	3.09E-08	1.67E-07	9.47E-07
2253	494661.1	3859902	1.31E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.95E-07	8.14E-07	7.38E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.09E-08	1.11E-07	1.75E-07	3.09E-08	1.67E-07	9.46E-07
2254	494711.1	3859902	1.28E-03	1.32E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.96E-07	7.21E-07	3.29E-07	3.10E-07	1.48E-08	3.59E-07	7.91E-08	1.08E-07	1.71E-07	3.02E-08	1.63E-07	9.25E-07
2255	494761.1	3859902	1.28E-03	1.31E-03	1.24E-03	4.43E-07	1.34E-06	7.74E-07	7.93E-07	7.19E-07	3.28E-07	3.09E-07	1.48E-08	3.57E-07	7.88E-08	1.08E-07	1.71E-07	3.01E-08	1.62E-07	9.22E-07
2256	494811.1	3859902	1.27E-03	1.30E-03	1.23E-03	4.41E-07	1.33E-06	7.71E-07	7.89E-07	7.16E-07	3.26E-07	3.08E-07	1.47E-08	3.56E-07	7.85E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.18E-07
2257	494861.1	3859902	1.26E-03	1.30E-03	1.22E-03	4.38E-07	1.32E-06	7.65E-07	7.84E-07	7.11E-07	3.24E-07	3.06E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.98E-08	1.61E-07	9.11E-07
2258	494911.1	3859902	1.25E-03	1.28E-03	1.21E-03	4.32E-07	1.31E-06	7.55E-07	7.74E-07	7.01E-07	3.20E-07	3.02E-07	1.44E-08	3.49E-07	7.69E-08	1.05E-07	1.67E-07	2.94E-08	1.58E-07	9.00E-07
2259	494961.1	3859902	1.24E-03	1.27E-03	1.20E-03	4.29E-07	1.29E-06	7.49E-07	7.67E-07	6.96E-07	3.17E-07	2.99E-07	1.43E-08	3.46E-07	7.63E-08	1.04E-07	1.65E-07	2.91E-08	1.57E-07	8.92E-07
2260	495011.1	3859902	1.22E-03	1.25E-03	1.18E-03	4.24E-07	1.28E-06	7.41E-07	7.59E-07	6.88E-07	3.14E-07	2.96E-07	1.42E-08	3.42E-07	7.55E-08	1.03E-07	1.64E-07	2.88E-08	1.55E-07	8.83E-07
2261	495061.1	3859902	1.21E-03	1.24E-03	1.17E-03	4.19E-07	1.27E-06	7.33E-07	7.51E-07	6.81E-07	3.11E-07	2.93E-07	1.40E-08	3.38E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.73E-07
2262	495111.1	3859902	1.20E-03	1.23E-03	1.16E-03	4.14E-07	1.25E-06	7.24E-07	7.42E-07	6.72E-07	3.07E-07	2.89E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.82E-08	1.52E-07	8.62E-07
2263	495161.1	3859902	1.18E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.16E-07	7.34E-07	6.65E-07	3.03E-07	2.86E-07	1.37E-08	3.30E-07	7.29E-08	9.96E-08	1.58E-07	2.78E-08	1.50E-07	8.53E-07
2264	495211.1	3859902	1.17E-03	1.20E-03	1.13E-03	4.07E-07	1.23E-06	7.11E-07	7.28E-07	6.60E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.24E-08	9.88E-08	1.57E-07	2.76E-08	1.49E-07	8.46E-07
2265	495261.1	3859902	1.16E-03	1.19E-03	1.12E-03	4.02E-07	1.21E-06	7.02E-07	7.19E-07	6.52E-07	2.97E-07	2.80E-07	1.34E-08	3.24E-07	7.15E-08	9.76E-08	1.55E-07	2.73E-08	1.47E-07	8.36E-07
2266	495311.1	3859902	1.15E-03	1.18E-03	1.11E-03	3.98E-07	1.20E-06	6.97E-07	7.13E-07	6.47E-07	2.95E-07	2.78E-07	1.33E-08	3.21E-07	7.09E-08	9.69E-08	1.54E-07	2.71E-08	1.46E-07	8.29E-07
2267	495361.1	3859902	1.14E-03	1.17E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.92E-07	2.76E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.68E-08	1.45E-07	8.22E-07
2268	495411.1	3859902	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.89E-07	2.73E-07	1.30E-08	3.15E-07	6.95E-08	9.49E-08	1.51E-07	2.65E-08	1.43E-07	8.12E-07
2269	495461.1	3859902	1.12E-03	1.14E-03	1.08E-03	3.86E-07	1.17E-06	6.75E-07	6.91E-07	6.27E-07	2.86E-07	2.70E-07	1.29E-08	3.12E-07	6.87E-08	9.39E-08	1.49E-07	2.62E-08	1.42E-07	8.04E-07
2270	495511.1	3859902	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.70E-07	6.86E-07	6.22E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.82E-08	9.31E-08	1.48E-07	2.60E-08	1.40E-07	7.97E-07
2271	495561.1	3859902	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.65E-07	6.81E-07	6.18E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.77E-08	9.25E-08	1.47E-07	2.59E-08	1.40E-07	7.92E-07
2272	495611.1	3859902	1.09E-03	1.11E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.74E-07	6.11E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.70E-08	9.15E-08	1.45E-07	2.56E-08	1.38E-07	7.84E-07
2273	495661.1	3859902	1.08E-03	1.10E-03	1.04E-03	3.72E-07	1.12E-06	6.51E-07	6.67E-07	6.04E-07	2.76E-07	2.60E-07	1.24E-08	3.00E-07	6.63E-08	9.05E-08	1.44E-07	2.53E-08	1.37E-07	7.75E-07
2274	494311.1	3859952	1.44E-03	1.48E-03	1.39E-03	5.00E-07	1.51E-06	8.73E-07	8.95E-07	8.11E-07	3.70E-07	3.49E-07	1.67E-08	4.03E-07	8.89E-08	1.21E-07	1.93E-07	3.40E-08	1.83E-07	1.04E-06
2275	494361.1	3859952	1.42E-03	1.46E-03	1.37E-03	4.92E-07	1.49E-06	8.60E-07	8.81E-07	7.98E-07	3.64E-07	3.44E-07	1.64E-08	3.97E-07	8.76E-08	1.20E-07	1.90E-07	3.34E-08	1.80E-07	1.02E-06
2276	494411.1	3859952	1.40E-03	1.44E-03	1.36E-03	4.86E-07	1.47E-06	8.49E-07	8.70E-07	7.88E-07	3.60E-07	3.39E-07	1.62E-08	3.92E-07	8.65E-08	1.18E-07	1.87E-07	3.30E-08	1.78E-07	1.01E-06
2277	494461.1	3859952	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.60E-07	7.79E-07	3.56E-07	3.35E-07	1.60E-08	3.87E-07	8.55E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.99E-07
2278	494511.1	3859952	1.38E-03	1.41E-03	1.33E-03	4.77E-07	1.44E-06	8.33E-07	8.53E-07	7.74E-07	3.53E-07	3.33E-07	1.59E-08	3.84E-07	8.48E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.92E-07
2279	494561.1	3859952	1.38E-03	1.42E-03	1.34E-03	4.79E-07	1.45E-06	8.37E-07	8.57E-07	7.77E-07	3.54E-07	3.34E-07	1.60E-08	3.86E-07	8.52E-08	1.16E-07	1.85E-07	3.25E-08	1.75E-07	9.96E-07
2280	494611.1	3859952	1.35E-03	1.39E-03	1.31E-03	4.68E-07	1.41E-06	8.19E-07	8.39E-07	7.60E-07	3.47E-07	3.27E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.18E-08	1.72E-07	9.75E-07
2281	494661.1	3859952	1.35E-03	1.38E-03	1.31E-03	4.68E-07	1.41E-06	8.18E-07	8.38E-07	7.59E-07	3.47E-07	3.27E-07	1.56E-08	3.77E-07	8.33E-08	1.14E-07	1.80E-07	3.18E-08	1.72E-07	9.74E-07
2282	494711.1	3859952	1.33E-03	1.36E-03	1.28E-03	4.59E-07	1.39E-06	8.02E-07	8.21E-07	7.45E-07	3.40E-07	3.20E-07	1.53E-08	3.70E-07	8.17E-08	1.12E-07	1.77E-07	3.12E-08	1.68E-07	9.55E-07
2283	494761.1	3859952	1.32E-03	1.35E-03	1.27E-03	4.56E-07	1.38E-06	7.97E-07	8.16E-07	7.40E-07	3.37E-07	3.18E-07	1.52E-08	3.68E-07	8.11E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.48E-07
2284	494811.1	3859952	1.30E-03	1.34E-03	1.26E-03	4.52E-07	1.36E-06	7.89E-07	8.09E-07	7.33E-07	3.34E-07	3.15E-07	1.51E-08	3.64E-07	8.04E-08	1.10E-07	1.74E-07	3.07E-08	1.66E-07	9.40E-07
2285	494861.1	3859952	1.30E-03	1.33E-03	1.25E-03	4.50E-07	1.36E-06	7.86E-07	8.05E-07	7.30E-07	3.33E-07	3.14E-07	1.50E-08	3.63E-07	8.00E-08	1.09E-07	1.73E-07	3.06E-08	1.65E-07	9.36E-07
2286	494911.1	3859952	1.28E-03	1.31E-03	1.24E-03	4.43E-07	1.34E-06	7.75E-07	7.94E-07	7.20E-07	3.28E-07	3.10E-07	1.48E-08	3.58E-07	7.89E-08	1.08E-07	1.71E-07	3.01E-08	1.63E-07	9.23E-07
2287	494961.1	3859952	1.27E-03	1.30E-03	1.22E-03	4.38E-07	1.32E-06	7.66E-07	7.85E-07	7.11E-07	3.25E-07	3.06E-07	1.46E-08	3.54E-07	7.80E-08	1.07E-07	1.69E-07	2.98E-08	1.61E-07	9.12E-07
2288	495011.1	3859952	1.25E-03	1.28E-03	1.21E-03	4.34E-07	1.31E-06	7.58E-07	7.77E-07	7.04E-07	3.21E-07	3.03E-07	1.45E-08	3.50E-07	7.72E-08	1.05E-07	1.67E-07	2.95E-08	1.59E-07	9.03E-07
2289	495061.1	3859952	1.24E-03	1.27E-03	1.20E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.18E-07	3.00E-07	1.43E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.92E-08	1.58E-07	8.94E-07

2290	495111.1	3859952	1.22E-03	1.25E-03	1.18E-03	4.24E-07	1.28E-06	7.41E-07	7.59E-07	6.88E-07	3.14E-07	2.96E-07	1.42E-08	3.42E-07	7.55E-08	1.03E-07	1.64E-07	2.88E-08	1.55E-07	8.83E-07
2291	495161.1	3859952	1.21E-03	1.24E-03	1.17E-03	4.19E-07	1.26E-06	7.32E-07	7.50E-07	6.80E-07	3.10E-07	2.93E-07	1.40E-08	3.38E-07	7.46E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.72E-07
2292	495211.1	3859952	1.20E-03	1.23E-03	1.16E-03	4.14E-07	1.25E-06	7.24E-07	7.42E-07	6.72E-07	3.07E-07	2.89E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.82E-08	1.52E-07	8.62E-07
2293	495261.1	3859952	1.19E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.66E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.30E-08	9.97E-08	1.58E-07	2.79E-08	1.50E-07	8.54E-07
2294	495311.1	3859952	1.18E-03	1.21E-03	1.14E-03	4.08E-07	1.23E-06	7.14E-07	7.31E-07	6.62E-07	3.02E-07	2.85E-07	1.36E-08	3.29E-07	7.27E-08	9.92E-08	1.57E-07	2.77E-08	1.50E-07	8.50E-07
2295	495361.1	3859952	1.17E-03	1.20E-03	1.13E-03	4.05E-07	1.22E-06	7.07E-07	7.24E-07	6.57E-07	3.00E-07	2.83E-07	1.35E-08	3.26E-07	7.20E-08	9.84E-08	1.56E-07	2.75E-08	1.48E-07	8.42E-07
2296	495411.1	3859952	1.16E-03	1.18E-03	1.12E-03	4.00E-07	1.21E-06	6.99E-07	7.16E-07	6.49E-07	2.96E-07	2.79E-07	1.34E-08	3.23E-07	7.12E-08	9.72E-08	1.54E-07	2.72E-08	1.47E-07	8.33E-07
2297	495461.1	3859952	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.92E-07	7.09E-07	6.43E-07	2.93E-07	2.77E-07	1.32E-08	3.19E-07	7.05E-08	9.62E-08	1.53E-07	2.69E-08	1.45E-07	8.24E-07
2298	495511.1	3859952	1.13E-03	1.16E-03	1.09E-03	3.92E-07	1.18E-06	6.85E-07	7.02E-07	6.36E-07	2.90E-07	2.74E-07	1.31E-08	3.16E-07	6.97E-08	9.52E-08	1.51E-07	2.66E-08	1.44E-07	8.16E-07
2299	495561.1	3859952	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.89E-07	2.73E-07	1.30E-08	3.15E-07	6.95E-08	9.49E-08	1.51E-07	2.65E-08	1.43E-07	8.12E-07
2300	495611.1	3859952	1.11E-03	1.14E-03	1.08E-03	3.86E-07	1.16E-06	6.74E-07	6.91E-07	6.26E-07	2.86E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.62E-08	1.41E-07	8.03E-07
2301	495661.1	3859952	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.66E-07	6.82E-07	6.19E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.78E-08	9.26E-08	1.47E-07	2.59E-08	1.40E-07	7.93E-07
2302	494311.1	3860002	1.48E-03	1.51E-03	1.43E-03	5.12E-07	1.55E-06	8.95E-07	9.16E-07	8.31E-07	3.79E-07	3.58E-07	1.71E-08	4.13E-07	9.11E-08	1.24E-07	1.97E-07	3.48E-08	1.88E-07	1.07E-06
2303	494361.1	3860002	1.46E-03	1.50E-03	1.41E-03	5.06E-07	1.53E-06	8.84E-07	9.05E-07	8.21E-07	3.75E-07	3.53E-07	1.69E-08	4.08E-07	9.00E-08	1.23E-07	1.95E-07	3.44E-08	1.85E-07	1.05E-06
2304	494411.1	3860002	1.44E-03	1.47E-03	1.39E-03	4.97E-07	1.50E-06	8.69E-07	8.90E-07	8.07E-07	3.68E-07	3.47E-07	1.66E-08	4.01E-07	8.85E-08	1.21E-07	1.92E-07	3.38E-08	1.82E-07	1.03E-06
2305	494461.1	3860002	1.42E-03	1.46E-03	1.38E-03	4.93E-07	1.49E-06	8.62E-07	8.83E-07	8.00E-07	3.65E-07	3.44E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.35E-08	1.81E-07	1.03E-06
2306	494511.1	3860002	1.41E-03	1.44E-03	1.36E-03	4.86E-07	1.47E-06	8.50E-07	8.71E-07	7.89E-07	3.60E-07	3.40E-07	1.62E-08	3.92E-07	8.66E-08	1.18E-07	1.88E-07	3.31E-08	1.78E-07	1.01E-06
2307	494561.1	3860002	1.42E-03	1.45E-03	1.37E-03	4.91E-07	1.48E-06	8.58E-07	8.79E-07	7.97E-07	3.64E-07	3.43E-07	1.64E-08	3.96E-07	8.74E-08	1.19E-07	1.89E-07	3.34E-08	1.80E-07	1.02E-06
2308	494611.1	3860002	1.40E-03	1.43E-03	1.35E-03	4.84E-07	1.46E-06	8.46E-07	8.66E-07	7.85E-07	3.58E-07	3.38E-07	1.62E-08	3.90E-07	8.61E-08	1.18E-07	1.87E-07	3.29E-08	1.77E-07	1.01E-06
2309	494661.1	3860002	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.60E-07	7.79E-07	3.56E-07	3.35E-07	1.60E-08	3.87E-07	8.55E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.99E-07
2310	494711.1	3860002	1.35E-03	1.38E-03	1.30E-03	4.67E-07	1.41E-06	8.16E-07	8.36E-07	7.58E-07	3.46E-07	3.26E-07	1.56E-08	3.77E-07	8.31E-08	1.14E-07	1.80E-07	3.17E-08	1.71E-07	9.72E-07
2311	494761.1	3860002	1.35E-03	1.38E-03	1.30E-03	4.67E-07	1.41E-06	8.17E-07	8.37E-07	7.59E-07	3.46E-07	3.27E-07	1.56E-08	3.77E-07	8.32E-08	1.14E-07	1.80E-07	3.18E-08	1.71E-07	9.73E-07
2312	494811.1	3860002	1.34E-03	1.37E-03	1.30E-03	4.64E-07	1.40E-06	8.12E-07	8.31E-07	7.54E-07	3.44E-07	3.24E-07	1.55E-08	3.75E-07	8.27E-08	1.13E-07	1.79E-07	3.16E-08	1.70E-07	9.67E-07
2313	494861.1	3860002	1.34E-03	1.37E-03	1.29E-03	4.62E-07	1.40E-06	8.08E-07	8.28E-07	7.50E-07	3.42E-07	3.23E-07	1.54E-08	3.73E-07	8.23E-08	1.12E-07	1.78E-07	3.14E-08	1.69E-07	9.62E-07
2314	494911.1	3860002	1.30E-03	1.33E-03	1.26E-03	4.51E-07	1.36E-06	7.88E-07	8.07E-07	7.31E-07	3.34E-07	3.15E-07	1.50E-08	3.63E-07	8.02E-08	1.10E-07	1.74E-07	3.06E-08	1.65E-07	9.38E-07
2315	494961.1	3860002	1.29E-03	1.33E-03	1.25E-03	4.48E-07	1.35E-06	7.83E-07	8.02E-07	7.27E-07	3.32E-07	3.13E-07	1.50E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	3.04E-08	1.64E-07	9.32E-07
2316	495011.1	3860002	1.28E-03	1.31E-03	1.24E-03	4.43E-07	1.34E-06	7.74E-07	7.93E-07	7.19E-07	3.28E-07	3.09E-07	1.48E-08	3.57E-07	7.88E-08	1.08E-07	1.71E-07	3.01E-08	1.62E-07	9.22E-07
2317	495061.1	3860002	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.70E-07	7.88E-07	7.15E-07	3.26E-07	3.08E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.17E-07
2318	495111.1	3860002	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.60E-07	7.78E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.74E-08	1.06E-07	1.68E-07	2.95E-08	1.59E-07	9.05E-07
2319	495161.1	3860002	1.24E-03	1.27E-03	1.20E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.18E-07	3.00E-07	1.43E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.92E-08	1.58E-07	8.94E-07
2320	495211.1	3860002	1.23E-03	1.26E-03	1.19E-03	4.27E-07	1.29E-06	7.47E-07	7.65E-07	6.93E-07	3.16E-07	2.98E-07	1.43E-08	3.45E-07	7.60E-08	1.04E-07	1.65E-07	2.90E-08	1.57E-07	8.89E-07
2321	495261.1	3860002	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.56E-07	6.86E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.52E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.79E-07
2322	495311.1	3860002	1.21E-03	1.24E-03	1.17E-03	4.19E-07	1.26E-06	7.32E-07	7.50E-07	6.80E-07	3.10E-07	2.93E-07	1.40E-08	3.38E-07	7.46E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.72E-07
2323	495361.1	3860002	1.19E-03	1.22E-03	1.15E-03	4.12E-07	1.24E-06	7.21E-07	7.38E-07	6.69E-07	3.05E-07	2.88E-07	1.38E-08	3.33E-07	7.34E-08	1.00E-07	1.59E-07	2.80E-08	1.51E-07	8.58E-07
2324	495411.1	3860002	1.19E-03	1.22E-03	1.15E-03	4.11E-07	1.24E-06	7.18E-07	7.35E-07	6.67E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.31E-08	9.98E-08	1.58E-07	2.79E-08	1.51E-07	8.55E-07
2325	495461.1	3860002	1.17E-03	1.20E-03	1.13E-03	4.07E-07	1.23E-06	7.11E-07	7.28E-07	6.60E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.24E-08	9.88E-08	1.57E-07	2.76E-08	1.49E-07	8.46E-07
2326	495511.1	3860002	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	7.21E-07	6.53E-07	2.98E-07	2.81E-07	1.34E-08	3.25E-07	7.17E-08	9.79E-08	1.55E-07	2.74E-08	1.48E-07	8.38E-07
2327	495561.1	3860002	1.16E-03	1.19E-03	1.12E-03	4.01E-07	1.21E-06	7.00E-07	7.17E-07	6.50E-07	2.97E-07	2.80E-07	1.34E-08	3.23E-07	7.13E-08	9.74E-08	1.54E-07	2.72E-08	1.47E-07	8.34E-07
2328	495611.1	3860002	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.92E-07	7.09E-07	6.43E-07	2.93E-07	2.77E-07	1.32E-08	3.19E-07	7.05E-08	9.62E-08	1.53E-07	2.69E-08	1.45E-07	8.24E-07
2329	495661.1	3860002	1.13E-03	1.16E-03	1.09E-03	3.91E-07	1.18E-06	6.84E-07	7.01E-07	6.35E-07	2.90E-07	2.73E-07	1.31E-08	3.16E-07	6.97E-08	9.51E-08	1.51E-07	2.66E-08	1.43E-07	8.14E-07
2330	494411.1	3860052	1.48E-03	1.51E-03	1.43E-03	5.11E-07	1.54E-06	8.94E-07	9.16E-07	8.30E-07	3.79E-07	3.57E-07	1.71E-08	4.13E-07	9.10E-08	1.24E-07	1.97E-07	3.48E-08	1.87E-07	1.06E-06
2331	494461.1	3860052	1.46E-03	1.49E-03	1.41E-03	5.05E-07	1.53E-06	8.83E-07	9.05E-07	8.20E-07	3.74E-07	3.53E-07	1.69E-08	4.08E-07	8.99E-08	1.23E-07	1.95E-07	3.43E-08	1.85E-07	1.05E-06
2332	494511.1	3860052	1.44E-03	1.48E-03	1.39E-03	5.00E-07	1.51E-06	8.73E-07	8.95E-07	8.11E-07	3.70E-07	3.49E-07	1.67E-08	4.03E-07	8.89E-08	1.21E-07	1.93E-07	3.40E-08	1.83E-07	1.04E-06
2333	494561.1	3860052	1.44E-03	1.48E-03	1.40E-03	5.00E-07	1.51E-06	8.74E-07	8.95E-07	8.12E-07	3.70E-07	3.49E-07	1.67E-08	4.03E-07	8.90E-08	1.22E-07	1.93E-07	3.40E-08	1.83E-07	1.04E-06
2334	494611.1	3860052	1.44E-03	1.47E-03	1.39E-03	4.97E-07	1.50E-06	8.69E-07	8.90E-07	8.07E-07	3.68E-07	3.47E-07	1.66E-08	4.01E-07	8.85E-08	1.21E-07	1.92E-07	3.38E-08	1.82E-07	1.03E-06
2335	494661.1	3860052	1.42E-03	1.46E-03	1.38E-03	4.93E-07	1.49E-06	8.62E-07	8.83E-07	8.00E-07	3.65E-07	3.44E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.35E-08	1.81E-07	1.03E-06
2336	494711.1	3860052	1.40E-03	1.43E-03	1.35E-03	4.84E-07	1.46E-06	8.46E-07	8.66E-07	7.85E-07	3.58E-07	3.38E-07	1.62E-08	3.90E-07	8.61E-08	1.18E-07	1.87E-07	3.29E-08	1.77E-07	1.01E-06
2337	494761.1	3860052	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.60E-07	7.79E-07	3.56E-07	3.35E-07	1.60E-08	3.87E-07	8.55E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.99E-07
2338	494811.1	3860052	1.38E-03	1.42E-03	1.34E-03	4.79E-07	1.45E-06	8.38E-07	8.58E-07	7.78E-07	3.55E-07	3.35E-07	1.60E-08	3.87E-07	8.53E-08	1.16E-07	1.85E-07	3.26E-08	1.76E-07	9.97E-07
2339	494861.1	3860052	1.38E-03	1.41E-03	1.33E-03	4.77E-07	1.44E-06	8.34E-07	8.54E-07	7.74E-07	3.53E-07	3.33E-07	1.59E-08	3.85E-07	8.49E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.93E-07
2340	494911.1	3860052	1.36E-03	1.39E-03	1.31E-03	4.70E-07	1.42E-06	8.22E-07	8.41E-07	7.63E-07	3.48E-07	3.28E-07	1.57E-08	3.79E-07	8.37E-08	1.14E-07	1.81E-07	3.19E-08	1.72E-07	9.78E-07
2341	494961.1	3860052	1.34E-03	1.37E-03	1.29E-03	4.63E-07	1.40E-06	8.09E-07	8.29E-07	7.51E-07	3.43E-07	3.23E-07	1.55E-08	3.73E-07	8.24E-08	1.13E-07	1.78E-07	3.15E-08	1.70E-07	9.63E-07
2342	495011.1	3860052	1.32E-03	1.35E-03	1.27E-03	4.56E-07	1.38E-06	7.97E-07	8.17E-07	7.40E-07	3.38E-07	3.19E-07	1.52E-08	3.68E-07	8.12E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.49E-07
2343	495061.1	3860052	1.30E-03	1.34E-03	1.26E-03	4.52E-07	1.36E-06	7.89E-07	8.09E-07	7.33E-07	3.34E-07	3.15E-07	1.51E-08	3.64E-07	8.04E-08	1.10E-07	1.74E-07	3.07E-08	1.66E-07	9.40E-07
2344	495111.1	3860052	1.29E-03	1.32E-03	1.24E-03	4.45E-07	1.34E-06	7.78E-07	7.97E-07	7.22E-07	3.30E-07	3.11E-07	1.49E-08	3.59E-07	7.92E-08	1.08E-07	1.72E-07	3.02E-08	1.63E-07	9.26E-07
2345	495161.1	3860052	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.70E-07	7.88E-07	7.15E-07	3.26E-07	3.08E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.17E-07

2346	495211.1	3860052	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.79E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.06E-07
2347	495261.1	3860052	1.25E-03	1.28E-03	1.21E-03	4.32E-07	1.31E-06	7.55E-07	7.74E-07	7.01E-07	3.20E-07	3.02E-07	1.44E-08	3.49E-07	7.69E-08	1.05E-07	1.67E-07	2.94E-08	1.58E-07	9.00E-07
2348	495311.1	3860052	1.24E-03	1.27E-03	1.20E-03	4.29E-07	1.30E-06	7.50E-07	7.68E-07	6.96E-07	3.18E-07	3.00E-07	1.43E-08	3.46E-07	7.64E-08	1.04E-07	1.65E-07	2.92E-08	1.57E-07	8.93E-07
2349	495361.1	3860052	1.23E-03	1.26E-03	1.19E-03	4.26E-07	1.28E-06	7.44E-07	7.62E-07	6.91E-07	3.15E-07	2.97E-07	1.42E-08	3.43E-07	7.57E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.86E-07
2350	495411.1	3860052	1.22E-03	1.25E-03	1.18E-03	4.22E-07	1.27E-06	7.38E-07	7.55E-07	6.85E-07	3.12E-07	2.95E-07	1.41E-08	3.40E-07	7.51E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.78E-07
2351	495461.1	3860052	1.21E-03	1.23E-03	1.16E-03	4.17E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.09E-07	2.92E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.84E-08	1.53E-07	8.69E-07
2352	495511.1	3860052	1.20E-03	1.23E-03	1.16E-03	4.14E-07	1.25E-06	7.24E-07	7.42E-07	6.72E-07	3.07E-07	2.89E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.82E-08	1.52E-07	8.62E-07
2353	495561.1	3860052	1.19E-03	1.22E-03	1.15E-03	4.11E-07	1.24E-06	7.18E-07	7.35E-07	6.67E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.31E-08	9.98E-08	1.58E-07	2.79E-08	1.51E-07	8.55E-07
2354	495611.1	3860052	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	3.01E-07	2.84E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.76E-08	1.49E-07	8.45E-07
2355	495661.1	3860052	1.16E-03	1.19E-03	1.12E-03	4.01E-07	1.21E-06	7.01E-07	7.18E-07	6.51E-07	2.97E-07	2.80E-07	1.34E-08	3.23E-07	7.14E-08	9.75E-08	1.55E-07	2.73E-08	1.47E-07	8.35E-07
2356	494411.1	3860102	1.50E-03	1.54E-03	1.45E-03	5.20E-07	1.57E-06	9.08E-07	9.30E-07	8.43E-07	3.85E-07	3.63E-07	1.74E-08	4.19E-07	9.25E-08	1.26E-07	2.00E-07	3.53E-08	1.90E-07	1.08E-06
2357	494461.1	3860102	1.50E-03	1.54E-03	1.45E-03	5.20E-07	1.57E-06	9.08E-07	9.30E-07	8.43E-07	3.85E-07	3.63E-07	1.74E-08	4.19E-07	9.25E-08	1.26E-07	2.00E-07	3.53E-08	1.90E-07	1.08E-06
2358	494511.1	3860102	1.47E-03	1.51E-03	1.42E-03	5.10E-07	1.54E-06	8.92E-07	9.14E-07	8.28E-07	3.78E-07	3.56E-07	1.70E-08	4.12E-07	9.08E-08	1.24E-07	1.97E-07	3.47E-08	1.87E-07	1.06E-06
2359	494561.1	3860102	1.47E-03	1.50E-03	1.42E-03	5.08E-07	1.53E-06	8.88E-07	9.09E-07	8.24E-07	3.76E-07	3.55E-07	1.70E-08	4.10E-07	9.04E-08	1.23E-07	1.96E-07	3.45E-08	1.86E-07	1.06E-06
2360	494611.1	3860102	1.47E-03	1.50E-03	1.42E-03	5.08E-07	1.53E-06	8.89E-07	9.10E-07	8.25E-07	3.76E-07	3.55E-07	1.70E-08	4.10E-07	9.05E-08	1.24E-07	1.96E-07	3.45E-08	1.86E-07	1.06E-06
2361	494661.1	3860102	1.46E-03	1.49E-03	1.41E-03	5.05E-07	1.53E-06	8.83E-07	9.05E-07	8.20E-07	3.74E-07	3.53E-07	1.69E-08	4.08E-07	8.99E-08	1.23E-07	1.95E-07	3.43E-08	1.85E-07	1.05E-06
2362	494711.1	3860102	1.43E-03	1.47E-03	1.39E-03	4.97E-07	1.50E-06	8.68E-07	8.89E-07	8.06E-07	3.68E-07	3.47E-07	1.66E-08	4.01E-07	8.84E-08	1.21E-07	1.91E-07	3.37E-08	1.82E-07	1.03E-06
2363	494761.1	3860102	1.42E-03	1.46E-03	1.38E-03	4.93E-07	1.49E-06	8.62E-07	8.83E-07	8.00E-07	3.65E-07	3.44E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.35E-08	1.81E-07	1.03E-06
2364	494811.1	3860102	1.42E-03	1.45E-03	1.37E-03	4.90E-07	1.48E-06	8.56E-07	8.77E-07	7.95E-07	3.63E-07	3.42E-07	1.64E-08	3.95E-07	8.72E-08	1.19E-07	1.89E-07	3.33E-08	1.80E-07	1.02E-06
2365	494861.1	3860102	1.42E-03	1.46E-03	1.38E-03	4.93E-07	1.49E-06	8.62E-07	8.83E-07	8.00E-07	3.65E-07	3.44E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.35E-08	1.81E-07	1.03E-06
2366	494911.1	3860102	1.38E-03	1.41E-03	1.33E-03	4.78E-07	1.44E-06	8.36E-07	8.56E-07	7.76E-07	3.54E-07	3.34E-07	1.60E-08	3.86E-07	8.51E-08	1.16E-07	1.84E-07	3.25E-08	1.75E-07	9.95E-07
2367	494961.1	3860102	1.37E-03	1.40E-03	1.32E-03	4.74E-07	1.43E-06	8.29E-07	8.49E-07	7.69E-07	3.51E-07	3.31E-07	1.58E-08	3.82E-07	8.44E-08	1.15E-07	1.83E-07	3.22E-08	1.74E-07	9.87E-07
2368	495011.1	3860102	1.35E-03	1.38E-03	1.31E-03	4.68E-07	1.41E-06	8.18E-07	8.38E-07	7.59E-07	3.47E-07	3.27E-07	1.56E-08	3.77E-07	8.33E-08	1.14E-07	1.80E-07	3.18E-08	1.72E-07	9.74E-07
2369	495061.1	3860102	1.34E-03	1.37E-03	1.29E-03	4.62E-07	1.40E-06	8.08E-07	8.28E-07	7.50E-07	3.42E-07	3.23E-07	1.54E-08	3.73E-07	8.23E-08	1.12E-07	1.78E-07	3.14E-08	1.69E-07	9.62E-07
2370	495111.1	3860102	1.32E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.96E-07	8.15E-07	7.39E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.10E-08	1.11E-07	1.76E-07	3.09E-08	1.67E-07	9.47E-07
2371	495161.1	3860102	1.31E-03	1.34E-03	1.26E-03	4.52E-07	1.37E-06	7.90E-07	8.09E-07	7.34E-07	3.35E-07	3.16E-07	1.51E-08	3.65E-07	8.05E-08	1.10E-07	1.74E-07	3.07E-08	1.66E-07	9.41E-07
2372	495211.1	3860102	1.29E-03	1.32E-03	1.25E-03	4.48E-07	1.35E-06	7.82E-07	8.01E-07	7.26E-07	3.31E-07	3.13E-07	1.49E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	3.04E-08	1.64E-07	9.31E-07
2373	495261.1	3860102	1.28E-03	1.31E-03	1.24E-03	4.43E-07	1.34E-06	7.75E-07	7.94E-07	7.20E-07	3.28E-07	3.10E-07	1.48E-08	3.58E-07	7.89E-08	1.08E-07	1.71E-07	3.01E-08	1.63E-07	9.23E-07
2374	495311.1	3860102	1.27E-03	1.30E-03	1.23E-03	4.39E-07	1.33E-06	7.68E-07	7.87E-07	7.13E-07	3.25E-07	3.07E-07	1.47E-08	3.54E-07	7.82E-08	1.07E-07	1.69E-07	2.99E-08	1.61E-07	9.14E-07
2375	495361.1	3860102	1.26E-03	1.29E-03	1.22E-03	4.37E-07	1.32E-06	7.64E-07	7.82E-07	7.09E-07	3.23E-07	3.05E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.97E-08	1.60E-07	9.09E-07
2376	495411.1	3860102	1.25E-03	1.28E-03	1.21E-03	4.33E-07	1.31E-06	7.56E-07	7.75E-07	7.02E-07	3.20E-07	3.02E-07	1.45E-08	3.49E-07	7.70E-08	1.05E-07	1.67E-07	2.94E-08	1.59E-07	9.01E-07
2377	495461.1	3860102	1.23E-03	1.26E-03	1.19E-03	4.27E-07	1.29E-06	7.46E-07	7.64E-07	6.92E-07	3.16E-07	2.98E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.90E-08	1.56E-07	8.88E-07
2378	495511.1	3860102	1.22E-03	1.25E-03	1.18E-03	4.24E-07	1.28E-06	7.41E-07	7.59E-07	6.88E-07	3.14E-07	2.96E-07	1.42E-08	3.42E-07	7.55E-08	1.03E-07	1.64E-07	2.88E-08	1.55E-07	8.83E-07
2379	495561.1	3860102	1.22E-03	1.25E-03	1.18E-03	4.21E-07	1.27E-06	7.37E-07	7.55E-07	6.84E-07	3.12E-07	2.94E-07	1.41E-08	3.40E-07	7.50E-08	1.02E-07	1.63E-07	2.86E-08	1.55E-07	8.77E-07
2380	495611.1	3860102	1.20E-03	1.23E-03	1.16E-03	4.16E-07	1.26E-06	7.27E-07	7.45E-07	6.75E-07	3.08E-07	2.90E-07	1.39E-08	3.35E-07	7.40E-08	1.01E-07	1.60E-07	2.83E-08	1.52E-07	8.65E-07
2381	495661.1	3860102	1.19E-03	1.22E-03	1.15E-03	4.12E-07	1.24E-06	7.21E-07	7.38E-07	6.69E-07	3.05E-07	2.88E-07	1.38E-08	3.33E-07	7.34E-08	1.00E-07	1.59E-07	2.80E-08	1.51E-07	8.58E-07
2382	494861.1	3860152	1.47E-03	1.51E-03	1.42E-03	5.10E-07	1.54E-06	8.91E-07	9.13E-07	8.27E-07	3.78E-07	3.56E-07	1.70E-08	4.11E-07	9.08E-08	1.24E-07	1.97E-07	3.46E-08	1.87E-07	1.06E-06
2383	494911.1	3860152	1.42E-03	1.46E-03	1.38E-03	4.93E-07	1.49E-06	8.62E-07	8.83E-07	8.00E-07	3.65E-07	3.44E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.35E-08	1.81E-07	1.03E-06
2384	494961.1	3860152	1.41E-03	1.44E-03	1.36E-03	4.87E-07	1.47E-06	8.51E-07	8.72E-07	7.90E-07	3.61E-07	3.40E-07	1.63E-08	3.93E-07	8.67E-08	1.18E-07	1.88E-07	3.31E-08	1.78E-07	1.01E-06
2385	495011.1	3860152	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.60E-07	7.79E-07	3.56E-07	3.35E-07	1.60E-08	3.87E-07	8.55E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.99E-07
2386	495061.1	3860152	1.37E-03	1.40E-03	1.32E-03	4.74E-07	1.43E-06	8.29E-07	8.49E-07	7.69E-07	3.51E-07	3.31E-07	1.58E-08	3.82E-07	8.44E-08	1.15E-07	1.83E-07	3.22E-08	1.74E-07	9.87E-07
2387	495111.1	3860152	1.36E-03	1.39E-03	1.31E-03	4.70E-07	1.42E-06	8.21E-07	8.41E-07	7.62E-07	3.48E-07	3.28E-07	1.57E-08	3.79E-07	8.36E-08	1.14E-07	1.81E-07	3.19E-08	1.72E-07	9.77E-07
2388	495161.1	3860152	1.34E-03	1.38E-03	1.30E-03	4.65E-07	1.40E-06	8.13E-07	8.32E-07	7.54E-07	3.44E-07	3.25E-07	1.55E-08	3.75E-07	8.27E-08	1.13E-07	1.79E-07	3.16E-08	1.70E-07	9.68E-07
2389	495211.1	3860152	1.33E-03	1.36E-03	1.28E-03	4.60E-07	1.39E-06	8.05E-07	8.24E-07	7.47E-07	3.41E-07	3.22E-07	1.54E-08	3.71E-07	8.19E-08	1.12E-07	1.77E-07	3.13E-08	1.69E-07	9.58E-07
2390	495261.1	3860152	1.32E-03	1.35E-03	1.27E-03	4.56E-07	1.38E-06	7.97E-07	8.17E-07	7.40E-07	3.38E-07	3.19E-07	1.52E-08	3.68E-07	8.12E-08	1.11E-07	1.76E-07	3.10E-08	1.67E-07	9.49E-07
2391	495311.1	3860152	1.31E-03	1.34E-03	1.26E-03	4.52E-07	1.37E-06	7.90E-07	8.09E-07	7.34E-07	3.35E-07	3.16E-07	1.51E-08	3.65E-07	8.05E-08	1.10E-07	1.74E-07	3.07E-08	1.66E-07	9.41E-07
2392	495361.1	3860152	1.30E-03	1.33E-03	1.25E-03	4.49E-07	1.35E-06	7.84E-07	8.03E-07	7.28E-07	3.32E-07	3.13E-07	1.50E-08	3.62E-07	7.98E-08	1.09E-07	1.73E-07	3.05E-08	1.64E-07	9.34E-07
2393	495411.1	3860152	1.28E-03	1.32E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.96E-07	7.21E-07	3.29E-07	3.10E-07	1.48E-08	3.59E-07	7.91E-08	1.08E-07	1.71E-07	3.02E-08	1.63E-07	9.25E-07
2394	495461.1	3860152	1.27E-03	1.30E-03	1.23E-03	4.40E-07	1.33E-06	7.70E-07	7.88E-07	7.15E-07	3.26E-07	3.08E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.99E-08	1.61E-07	9.17E-07
2395	495511.1	3860152	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.79E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.06E-07
2396	495561.1	3860152	1.25E-03	1.28E-03	1.21E-03	4.32E-07	1.31E-06	7.55E-07	7.74E-07	7.01E-07	3.20E-07	3.02E-07	1.44E-08	3.49E-07	7.69E-08	1.05E-07	1.67E-07	2.94E-08	1.58E-07	9.00E-07
2397	495611.1	3860152	1.24E-03	1.27E-03	1.19E-03	4.28E-07	1.29E-06	7.47E-07	7.66E-07	6.94E-07	3.17E-07	2.99E-07	1.43E-08	3.45E-07	7.61E-08	1.04E-07	1.65E-07	2.91E-08	1.57E-07	8.90E-07
2398	495661.1	3860152	1.22E-03	1.25E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.56E-07	6.86E-07	3.13E-07	2.95E-07	1.41E-08	3.41E-07	7.52E-08	1.03E-07	1.63E-07	2.87E-08	1.55E-07	8.79E-07
2399	495718.3	3859443	8.56E-04	8.77E-04	8.27E-04	2.96E-07	8.95E-07	5.18E-07	5.30E-07	4.81E-07	2.19E-07	2.07E-07	9.89E-09	2.39E-07	5.27E-08	7.20E-08	1.14E-07	2.01E-08	1.09E-07	6.17E-07
2400	495818.3	3859443	8.40E-04	8.60E-04	8.11E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.15E-07	2.03E-07	9.71E-09	2.34E-07	5.17E-08	7.07E-08	1.12E-07	1.98E-08	1.07E-07	6.05E-07
2401	495918.3	3859443	8.28E-04	8.48E-04	8.00E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.12E-07	2.00E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.11E-07	1.95E-08	1.05E-07	5.96E-07

2402	496018.3	3859443	8.18E-04	8.37E-04	7.90E-04	2.83E-07	8.55E-07	4.95E-07	5.07E-07	4.59E-07	2.10E-07	1.98E-07	9.45E-09	2.28E-07	5.04E-08	6.88E-08	1.09E-07	1.92E-08	1.04E-07	5.89E-07
2403	496118.3	3859443	8.18E-04	8.37E-04	7.90E-04	2.83E-07	8.55E-07	4.95E-07	5.07E-07	4.59E-07	2.10E-07	1.98E-07	9.45E-09	2.28E-07	5.04E-08	6.88E-08	1.09E-07	1.92E-08	1.04E-07	5.89E-07
2404	496218.3	3859443	8.15E-04	8.34E-04	7.87E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.09E-07	1.97E-07	9.42E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.92E-08	1.03E-07	5.87E-07
2405	496318.3	3859443	8.07E-04	8.27E-04	7.80E-04	2.79E-07	8.44E-07	4.88E-07	5.00E-07	4.54E-07	2.07E-07	1.95E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.90E-08	1.02E-07	5.82E-07
2406	496418.3	3859443	7.97E-04	8.16E-04	7.70E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.48E-07	2.04E-07	1.93E-07	9.21E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.87E-08	1.01E-07	5.74E-07
2407	495718.3	3859543	8.96E-04	9.18E-04	8.65E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.30E-07	2.17E-07	1.04E-08	2.50E-07	5.52E-08	7.54E-08	1.20E-07	2.11E-08	1.14E-07	6.45E-07
2408	495818.3	3859543	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
2409	495918.3	3859543	8.66E-04	8.87E-04	8.37E-04	3.00E-07	9.06E-07	5.24E-07	5.37E-07	4.87E-07	2.22E-07	2.09E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	2.04E-08	1.10E-07	6.24E-07
2410	496018.3	3859543	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
2411	496118.3	3859543	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
2412	496218.3	3859543	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
2413	496318.3	3859543	8.43E-04	8.63E-04	8.14E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.16E-07	2.04E-07	9.74E-09	2.35E-07	5.19E-08	7.09E-08	1.12E-07	1.98E-08	1.07E-07	6.07E-07
2414	496418.3	3859543	8.31E-04	8.51E-04	8.03E-04	2.88E-07	8.68E-07	5.03E-07	5.15E-07	4.67E-07	2.13E-07	2.01E-07	9.60E-09	2.32E-07	5.12E-08	6.99E-08	1.11E-07	1.95E-08	1.05E-07	5.99E-07
2415	495718.3	3859643	9.37E-04	9.60E-04	9.05E-04	3.24E-07	9.80E-07	5.67E-07	5.81E-07	5.26E-07	2.40E-07	2.27E-07	1.08E-08	2.62E-07	5.77E-08	7.89E-08	1.25E-07	2.20E-08	1.19E-07	6.75E-07
2416	495818.3	3859643	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
2417	495918.3	3859643	9.08E-04	9.30E-04	8.77E-04	3.14E-07	9.49E-07	5.49E-07	5.63E-07	5.10E-07	2.33E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.64E-08	1.21E-07	2.14E-08	1.15E-07	6.54E-07
2418	496018.3	3859643	8.93E-04	9.15E-04	8.63E-04	3.09E-07	9.33E-07	5.40E-07	5.53E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.50E-08	7.51E-08	1.19E-07	2.10E-08	1.13E-07	6.43E-07
2419	496118.3	3859643	8.94E-04	9.16E-04	8.64E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.50E-07	5.51E-08	7.53E-08	1.19E-07	2.10E-08	1.13E-07	6.44E-07
2420	496218.3	3859643	8.91E-04	9.13E-04	8.61E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.01E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.10E-08	1.13E-07	6.42E-07
2421	496318.3	3859643	8.80E-04	9.01E-04	8.50E-04	3.04E-07	9.19E-07	5.32E-07	5.45E-07	4.94E-07	2.25E-07	2.13E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.07E-08	1.12E-07	6.34E-07
2422	496418.3	3859643	8.47E-04	8.68E-04	8.18E-04	2.93E-07	8.85E-07	5.13E-07	5.25E-07	4.76E-07	2.17E-07	2.05E-07	9.79E-09	2.37E-07	5.22E-08	7.13E-08	1.13E-07	1.99E-08	1.08E-07	6.10E-07
2423	495718.3	3859743	9.87E-04	1.01E-03	9.54E-04	3.42E-07	1.03E-06	5.97E-07	6.12E-07	5.55E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.08E-08	8.31E-08	1.32E-07	2.32E-08	1.25E-07	7.11E-07
2424	495818.3	3859743	9.68E-04	9.92E-04	9.35E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.44E-07	2.48E-07	2.34E-07	1.12E-08	2.70E-07	5.97E-08	8.15E-08	1.29E-07	2.28E-08	1.23E-07	6.98E-07
2425	495918.3	3859743	9.52E-04	9.75E-04	9.20E-04	3.30E-07	9.95E-07	5.76E-07	5.90E-07	5.35E-07	2.44E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.24E-08	1.21E-07	6.86E-07
2426	496018.3	3859743	9.36E-04	9.58E-04	9.04E-04	3.24E-07	9.78E-07	5.66E-07	5.80E-07	5.26E-07	2.40E-07	2.26E-07	1.08E-08	2.61E-07	5.77E-08	7.87E-08	1.25E-07	2.20E-08	1.19E-07	6.74E-07
2427	496118.3	3859743	9.34E-04	9.57E-04	9.03E-04	3.23E-07	9.76E-07	5.65E-07	5.79E-07	5.25E-07	2.39E-07	2.26E-07	1.08E-08	2.61E-07	5.76E-08	7.86E-08	1.25E-07	2.20E-08	1.19E-07	6.73E-07
2428	496218.3	3859743	9.37E-04	9.60E-04	9.05E-04	3.24E-07	9.80E-07	5.67E-07	5.81E-07	5.26E-07	2.40E-07	2.27E-07	1.08E-08	2.62E-07	5.77E-08	7.89E-08	1.25E-07	2.20E-08	1.19E-07	6.75E-07
2429	496318.3	3859743	9.05E-04	9.27E-04	8.74E-04	3.13E-07	9.46E-07	5.47E-07	5.61E-07	5.08E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.57E-08	7.61E-08	1.21E-07	2.13E-08	1.15E-07	6.52E-07
2430	496418.3	3859743	8.74E-04	8.95E-04	8.44E-04	3.02E-07	9.13E-07	5.29E-07	5.41E-07	4.91E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.38E-08	7.35E-08	1.17E-07	2.06E-08	1.11E-07	6.29E-07
2431	495718.3	3859843	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.39E-08	8.73E-08	1.38E-07	2.44E-08	1.32E-07	7.47E-07
2432	495818.3	3859843	1.02E-03	1.04E-03	9.85E-04	3.53E-07	1.07E-06	6.17E-07	6.32E-07	5.73E-07	2.61E-07	2.47E-07	1.18E-08	2.85E-07	6.28E-08	8.58E-08	1.36E-07	2.40E-08	1.29E-07	7.35E-07
2433	495918.3	3859843	1.00E-03	1.03E-03	9.68E-04	3.47E-07	1.05E-06	6.06E-07	6.21E-07	5.63E-07	2.57E-07	2.42E-07	1.16E-08	2.80E-07	6.17E-08	8.43E-08	1.34E-07	2.36E-08	1.27E-07	7.22E-07
2434	496018.3	3859843	9.90E-04	1.01E-03	9.57E-04	3.43E-07	1.04E-06	5.99E-07	6.14E-07	5.56E-07	2.54E-07	2.39E-07	1.14E-08	2.77E-07	6.10E-08	8.33E-08	1.32E-07	2.33E-08	1.26E-07	7.13E-07
2435	496118.3	3859843	9.92E-04	1.02E-03	9.58E-04	3.43E-07	1.04E-06	6.00E-07	6.15E-07	5.57E-07	2.54E-07	2.40E-07	1.15E-08	2.77E-07	6.11E-08	8.34E-08	1.32E-07	2.33E-08	1.26E-07	7.15E-07
2436	496218.3	3859843	9.62E-04	9.86E-04	9.30E-04	3.33E-07	1.01E-06	5.82E-07	5.96E-07	5.41E-07	2.47E-07	2.33E-07	1.11E-08	2.69E-07	5.93E-08	8.10E-08	1.28E-07	2.26E-08	1.22E-07	6.93E-07
2437	496318.3	3859843	9.06E-04	9.28E-04	8.75E-04	3.14E-07	9.47E-07	5.48E-07	5.62E-07	5.09E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.58E-08	7.62E-08	1.21E-07	2.13E-08	1.15E-07	6.53E-07
2438	496418.3	3859843	8.74E-04	8.95E-04	8.44E-04	3.02E-07	9.13E-07	5.29E-07	5.41E-07	4.91E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.38E-08	7.35E-08	1.17E-07	2.06E-08	1.11E-07	6.29E-07
2439	495718.3	3859943	1.09E-03	1.11E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.74E-07	6.11E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.70E-08	9.15E-08	1.45E-07	2.56E-08	1.38E-07	7.84E-07
2440	495818.3	3859943	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.12E-06	6.46E-07	6.61E-07	5.99E-07	2.74E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.98E-08	1.42E-07	2.51E-08	1.35E-07	7.69E-07
2441	495918.3	3859943	1.05E-03	1.08E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.53E-07	5.92E-07	2.70E-07	2.55E-07	1.22E-08	2.94E-07	6.49E-08	8.87E-08	1.41E-07	2.48E-08	1.34E-07	7.59E-07
2442	496018.3	3859943	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.69E-07	2.54E-07	1.21E-08	2.93E-07	6.47E-08	8.84E-08	1.40E-07	2.47E-08	1.33E-07	7.57E-07
2443	496118.3	3859943	1.02E-03	1.05E-03	9.88E-04	3.54E-07	1.07E-06	6.19E-07	6.34E-07	5.75E-07	2.62E-07	2.47E-07	1.18E-08	2.86E-07	6.30E-08	8.61E-08	1.37E-07	2.41E-08	1.30E-07	7.37E-07
2444	496218.3	3859943	9.80E-04	1.00E-03	9.47E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.51E-07	2.51E-07	2.37E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.31E-08	1.24E-07	7.06E-07
2445	496318.3	3859943	9.40E-04	9.63E-04	9.08E-04	3.25E-07	9.83E-07	5.69E-07	5.83E-07	5.28E-07	2.41E-07	2.27E-07	1.09E-08	2.63E-07	5.79E-08	7.91E-08	1.25E-07	2.21E-08	1.19E-07	6.77E-07
2446	496418.3	3859943	8.93E-04	9.15E-04	8.63E-04	3.09E-07	9.33E-07	5.40E-07	5.53E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.50E-08	7.51E-08	1.19E-07	2.10E-08	1.13E-07	6.43E-07
2447	496856.8	3858864.8	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
2448	496956.8	3858864.8	6.23E-04	6.38E-04	6.02E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.60E-07	1.51E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.47E-08	7.90E-08	4.49E-07
2449	497056.8	3858864.8	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
2450	497156.8	3858864.8	6.11E-04	6.26E-04	5.90E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.57E-07	1.48E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.16E-08	1.44E-08	7.75E-08	4.40E-07
2451	497256.8	3858864.8	6.08E-04	6.23E-04	5.87E-04	2.10E-07	6.36E-07	3.68E-07	3.77E-07	3.42E-07	1.56E-07	1.47E-07	7.03E-09	1.70E-07	3.75E-08	5.12E-08	8.12E-08	1.43E-08	7.72E-08	4.38E-07
2452	496856.8	3858964.8	6.48E-04	6.64E-04	6.26E-04	2.24E-07	6.77E-07	3.92E-07	4.02E-07	3.64E-07	1.66E-07	1.57E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.65E-08	1.52E-08	8.22E-08	4.67E-07
2453	496956.8	3858964.8	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
2454	497056.8	3858964.8	6.33E-04	6.48E-04	6.12E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.62E-07	1.53E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.49E-08	8.03E-08	4.56E-07
2455	497156.8	3858964.8	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
2456	497256.8	3858964.8	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
2457	496856.8	3859064.8	6.63E-04	6.79E-04	6.40E-04	2.29E-07	6.93E-07	4.01E-07	4.11E-07	3.72E-07	1.70E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.58E-08	8.85E-08	1.56E-08	8.41E-08	4.77E-07

2458	496956.8	3859064.8	6.55E-04	6.71E-04	6.33E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.68E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.75E-08	1.54E-08	8.32E-08	4.72E-07
2459	497056.8	3859064.8	6.49E-04	6.65E-04	6.27E-04	2.25E-07	6.79E-07	3.93E-07	4.02E-07	3.65E-07	1.66E-07	1.57E-07	7.51E-09	1.81E-07	4.00E-08	5.46E-08	8.67E-08	1.53E-08	8.24E-08	4.68E-07
2460	497156.8	3859064.8	6.45E-04	6.61E-04	6.23E-04	2.23E-07	6.74E-07	3.90E-07	4.00E-07	3.62E-07	1.65E-07	1.56E-07	7.46E-09	1.80E-07	3.97E-08	5.43E-08	8.61E-08	1.52E-08	8.18E-08	4.65E-07
2461	497256.8	3859064.8	6.49E-04	6.65E-04	6.27E-04	2.25E-07	6.79E-07	3.93E-07	4.02E-07	3.65E-07	1.66E-07	1.57E-07	7.51E-09	1.81E-07	4.00E-08	5.46E-08	8.67E-08	1.53E-08	8.24E-08	4.68E-07
2462	496856.8	3859164.8	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
2463	496956.8	3859164.8	6.69E-04	6.85E-04	6.46E-04	2.31E-07	6.99E-07	4.05E-07	4.14E-07	3.76E-07	1.71E-07	1.62E-07	7.73E-09	1.87E-07	4.12E-08	5.63E-08	8.92E-08	1.57E-08	8.48E-08	4.82E-07
2464	497056.8	3859164.8	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
2465	497156.8	3859164.8	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
2466	497256.8	3859164.8	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
2467	496856.8	3859264.8	6.89E-04	7.06E-04	6.66E-04	2.39E-07	7.20E-07	4.17E-07	4.27E-07	3.87E-07	1.77E-07	1.67E-07	7.97E-09	1.92E-07	4.25E-08	5.80E-08	9.20E-08	1.62E-08	8.75E-08	4.97E-07
2468	496956.8	3859264.8	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
2469	497056.8	3859264.8	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
2470	497156.8	3859264.8	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
2471	497256.8	3859264.8	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
2472	497088.9	3858620.9	5.73E-04	5.87E-04	5.53E-04	1.98E-07	5.99E-07	3.46E-07	3.55E-07	3.22E-07	1.47E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.82E-08	7.64E-08	1.35E-08	7.27E-08	4.13E-07
2473	497138.9	3858620.9	5.71E-04	5.85E-04	5.52E-04	1.98E-07	5.97E-07	3.46E-07	3.54E-07	3.21E-07	1.46E-07	1.38E-07	6.60E-09	1.59E-07	3.52E-08	4.81E-08	7.62E-08	1.34E-08	7.25E-08	4.11E-07
2474	497188.9	3858620.9	5.70E-04	5.83E-04	5.50E-04	1.97E-07	5.95E-07	3.45E-07	3.53E-07	3.20E-07	1.46E-07	1.38E-07	6.59E-09	1.59E-07	3.51E-08	4.79E-08	7.60E-08	1.34E-08	7.23E-08	4.10E-07
2475	497238.9	3858620.9	5.68E-04	5.82E-04	5.49E-04	1.97E-07	5.94E-07	3.44E-07	3.52E-07	3.19E-07	1.46E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.78E-08	7.58E-08	1.34E-08	7.21E-08	4.09E-07
2476	497088.9	3858670.9	5.79E-04	5.93E-04	5.59E-04	2.00E-07	6.05E-07	3.50E-07	3.59E-07	3.25E-07	1.48E-07	1.40E-07	6.69E-09	1.62E-07	3.56E-08	4.87E-08	7.72E-08	1.36E-08	7.34E-08	4.17E-07
2477	497138.9	3858670.9	5.79E-04	5.93E-04	5.59E-04	2.00E-07	6.05E-07	3.50E-07	3.59E-07	3.25E-07	1.48E-07	1.40E-07	6.69E-09	1.62E-07	3.56E-08	4.87E-08	7.72E-08	1.36E-08	7.34E-08	4.17E-07
2478	497188.9	3858670.9	5.76E-04	5.90E-04	5.56E-04	1.99E-07	6.02E-07	3.48E-07	3.57E-07	3.23E-07	1.48E-07	1.39E-07	6.65E-09	1.61E-07	3.55E-08	4.84E-08	7.68E-08	1.35E-08	7.30E-08	4.15E-07
2479	497238.9	3858670.9	5.76E-04	5.90E-04	5.56E-04	1.99E-07	6.02E-07	3.48E-07	3.57E-07	3.23E-07	1.48E-07	1.39E-07	6.65E-09	1.61E-07	3.55E-08	4.84E-08	7.68E-08	1.35E-08	7.30E-08	4.15E-07
2480	497088.9	3858720.9	5.89E-04	6.03E-04	5.69E-04	2.04E-07	6.15E-07	3.56E-07	3.65E-07	3.31E-07	1.51E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.95E-08	7.86E-08	1.39E-08	7.47E-08	4.24E-07
2481	497138.9	3858720.9	5.81E-04	5.96E-04	5.62E-04	2.01E-07	6.08E-07	3.52E-07	3.60E-07	3.27E-07	1.49E-07	1.41E-07	6.72E-09	1.62E-07	3.58E-08	4.89E-08	7.76E-08	1.37E-08	7.38E-08	4.19E-07
2482	497188.9	3858720.9	5.80E-04	5.94E-04	5.60E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.49E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.36E-08	7.36E-08	4.18E-07
2483	497238.9	3858720.9	5.83E-04	5.97E-04	5.63E-04	2.02E-07	6.09E-07	3.53E-07	3.61E-07	3.28E-07	1.49E-07	1.41E-07	6.74E-09	1.63E-07	3.59E-08	4.91E-08	7.78E-08	1.37E-08	7.40E-08	4.20E-07
2484	497088.9	3858770.9	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07
2485	497138.9	3858770.9	5.92E-04	6.06E-04	5.72E-04	2.05E-07	6.19E-07	3.58E-07	3.67E-07	3.32E-07	1.52E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.98E-08	7.90E-08	1.39E-08	7.51E-08	4.26E-07
2486	497188.9	3858770.9	5.89E-04	6.03E-04	5.69E-04	2.04E-07	6.15E-07	3.56E-07	3.65E-07	3.31E-07	1.51E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.95E-08	7.86E-08	1.39E-08	7.47E-08	4.24E-07
2487	497238.9	3858770.9	5.90E-04	6.05E-04	5.70E-04	2.04E-07	6.17E-07	3.57E-07	3.66E-07	3.32E-07	1.51E-07	1.43E-07	6.82E-09	1.65E-07	3.64E-08	4.97E-08	7.88E-08	1.39E-08	7.49E-08	4.25E-07
2488	497396.7	3858622.6	5.77E-04	5.91E-04	5.58E-04	2.00E-07	6.03E-07	3.49E-07	3.58E-07	3.24E-07	1.48E-07	1.40E-07	6.67E-09	1.61E-07	3.56E-08	4.86E-08	7.70E-08	1.36E-08	7.32E-08	4.16E-07
2489	497496.7	3858622.6	5.81E-04	5.96E-04	5.62E-04	2.01E-07	6.08E-07	3.52E-07	3.60E-07	3.27E-07	1.49E-07	1.41E-07	6.72E-09	1.62E-07	3.58E-08	4.89E-08	7.76E-08	1.37E-08	7.38E-08	4.19E-07
2490	497596.7	3858622.6	5.93E-04	6.08E-04	5.73E-04	2.05E-07	6.20E-07	3.59E-07	3.68E-07	3.33E-07	1.52E-07	1.43E-07	6.86E-09	1.66E-07	3.66E-08	4.99E-08	7.92E-08	1.40E-08	7.53E-08	4.27E-07
2491	497696.7	3858622.6	5.96E-04	6.11E-04	5.76E-04	2.06E-07	6.23E-07	3.61E-07	3.70E-07	3.35E-07	1.53E-07	1.44E-07	6.89E-09	1.66E-07	3.67E-08	5.02E-08	7.96E-08	1.40E-08	7.57E-08	4.30E-07
2492	497796.7	3858622.6	6.02E-04	6.17E-04	5.82E-04	2.08E-07	6.29E-07	3.64E-07	3.73E-07	3.38E-07	1.54E-07	1.46E-07	6.96E-09	1.68E-07	3.71E-08	5.07E-08	8.04E-08	1.42E-08	7.64E-08	4.34E-07
2493	497896.7	3858622.6	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
2494	497396.7	3858722.6	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07
2495	497496.7	3858722.6	5.99E-04	6.14E-04	5.79E-04	2.07E-07	6.26E-07	3.63E-07	3.71E-07	3.37E-07	1.54E-07	1.45E-07	6.93E-09	1.67E-07	3.69E-08	5.04E-08	8.00E-08	1.41E-08	7.60E-08	4.32E-07
2496	497596.7	3858722.6	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
2497	497696.7	3858722.6	6.14E-04	6.29E-04	5.93E-04	2.13E-07	6.42E-07	3.71E-07	3.80E-07	3.45E-07	1.57E-07	1.48E-07	7.10E-09	1.71E-07	3.78E-08	5.17E-08	8.20E-08	1.44E-08	7.79E-08	4.42E-07
2498	497796.7	3858722.6	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
2499	497896.7	3858722.6	6.23E-04	6.38E-04	6.02E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.60E-07	1.51E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.47E-08	7.90E-08	4.49E-07
2500	497396.7	3858822.6	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
2501	497496.7	3858822.6	6.12E-04	6.27E-04	5.92E-04	2.12E-07	6.40E-07	3.71E-07	3.80E-07	3.44E-07	1.57E-07	1.48E-07	7.08E-09	1.71E-07	3.77E-08	5.15E-08	8.18E-08	1.44E-08	7.77E-08	4.41E-07
2502	497596.7	3858822.6	6.23E-04	6.38E-04	6.02E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.60E-07	1.51E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.47E-08	7.90E-08	4.49E-07
2503	497696.7	3858822.6	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
2504	497796.7	3858822.6	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
2505	497896.7	3858822.6	6.41E-04	6.56E-04	6.19E-04	2.22E-07	6.69E-07	3.88E-07	3.97E-07	3.60E-07	1.64E-07	1.55E-07	7.40E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.51E-08	8.13E-08	4.61E-07
2506	497396.7	3858922.6	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
2507	497496.7	3858922.6	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
2508	497596.7	3858922.6	6.33E-04	6.48E-04	6.12E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.62E-07	1.53E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.49E-08	8.03E-08	4.56E-07
2509	497696.7	3858922.6	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
2510	497796.7	3858922.6	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
2511	497896.7	3858922.6	6.63E-04	6.79E-04	6.40E-04	2.29E-07	6.93E-07	4.01E-07	4.11E-07	3.72E-07	1.70E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.58E-08	8.85E-08	1.56E-08	8.41E-08	4.77E-07
2512	497364.4	3858201.5	5.33E-04	5.46E-04	5.15E-04	1.84E-07	5.57E-07	3.22E-07	3.30E-07	2.99E-07	1.37E-07	1.29E-07	6.16E-09	1.49E-07	3.28E-08	4.48E-08	7.11E-08	1.25E-08	6.76E-08	3.84E-07
2513	497414.4	3858201.5	5.34E-04	5.47E-04	5.16E-04	1.85E-07	5.58E-07	3.23E-07	3.31E-07	3.00E-07	1.37E-07	1.29E-07	6.18E-09	1.49E-07	3.29E-08	4.50E-08	7.13E-08	1.26E-08	6.78E-08	3.85E-07

2514	497464.4	3858201.5	5.37E-04	5.50E-04	5.19E-04	1.86E-07	5.62E-07	3.25E-07	3.33E-07	3.02E-07	1.38E-07	1.30E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.17E-08	1.26E-08	6.82E-08	3.87E-07
2515	497514.4	3858201.5	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
2516	497564.4	3858201.5	5.37E-04	5.50E-04	5.19E-04	1.86E-07	5.62E-07	3.25E-07	3.33E-07	3.02E-07	1.38E-07	1.30E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.17E-08	1.26E-08	6.82E-08	3.87E-07
2517	497614.4	3858201.5	5.37E-04	5.50E-04	5.19E-04	1.86E-07	5.62E-07	3.25E-07	3.33E-07	3.02E-07	1.38E-07	1.30E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.17E-08	1.26E-08	6.82E-08	3.87E-07
2518	497364.4	3858251.5	5.40E-04	5.53E-04	5.22E-04	1.87E-07	5.65E-07	3.27E-07	3.35E-07	3.03E-07	1.38E-07	1.31E-07	6.24E-09	1.51E-07	3.33E-08	4.55E-08	7.21E-08	1.27E-08	6.85E-08	3.89E-07
2519	497414.4	3858251.5	5.43E-04	5.56E-04	5.25E-04	1.88E-07	5.68E-07	3.29E-07	3.37E-07	3.05E-07	1.39E-07	1.31E-07	6.28E-09	1.52E-07	3.35E-08	4.57E-08	7.25E-08	1.28E-08	6.89E-08	3.91E-07
2520	497464.4	3858251.5	5.42E-04	5.55E-04	5.23E-04	1.87E-07	5.66E-07	3.28E-07	3.36E-07	3.04E-07	1.39E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.56E-08	7.23E-08	1.27E-08	6.87E-08	3.90E-07
2521	497514.4	3858251.5	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
2522	497564.4	3858251.5	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
2523	497614.4	3858251.5	5.37E-04	5.50E-04	5.19E-04	1.86E-07	5.62E-07	3.25E-07	3.33E-07	3.02E-07	1.38E-07	1.30E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.17E-08	1.26E-08	6.82E-08	3.87E-07
2524	497364.4	3858301.5	5.45E-04	5.58E-04	5.26E-04	1.89E-07	5.69E-07	3.30E-07	3.38E-07	3.06E-07	1.40E-07	1.32E-07	6.30E-09	1.52E-07	3.36E-08	4.58E-08	7.27E-08	1.28E-08	6.91E-08	3.92E-07
2525	497414.4	3858301.5	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
2526	497464.4	3858301.5	5.43E-04	5.56E-04	5.25E-04	1.88E-07	5.68E-07	3.29E-07	3.37E-07	3.05E-07	1.39E-07	1.31E-07	6.28E-09	1.52E-07	3.35E-08	4.57E-08	7.25E-08	1.28E-08	6.89E-08	3.91E-07
2527	497514.4	3858301.5	5.42E-04	5.55E-04	5.23E-04	1.87E-07	5.66E-07	3.28E-07	3.36E-07	3.04E-07	1.39E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.56E-08	7.23E-08	1.27E-08	6.87E-08	3.90E-07
2528	497564.4	3858301.5	5.40E-04	5.53E-04	5.22E-04	1.87E-07	5.65E-07	3.27E-07	3.35E-07	3.03E-07	1.38E-07	1.31E-07	6.24E-09	1.51E-07	3.33E-08	4.55E-08	7.21E-08	1.27E-08	6.85E-08	3.89E-07
2529	497614.4	3858301.5	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
2530	497364.4	3858351.5	5.49E-04	5.62E-04	5.30E-04	1.90E-07	5.74E-07	3.32E-07	3.40E-07	3.08E-07	1.41E-07	1.33E-07	6.35E-09	1.53E-07	3.38E-08	4.62E-08	7.33E-08	1.29E-08	6.97E-08	3.96E-07
2531	497414.4	3858351.5	5.48E-04	5.61E-04	5.29E-04	1.90E-07	5.72E-07	3.31E-07	3.39E-07	3.08E-07	1.40E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.61E-08	7.31E-08	1.29E-08	6.95E-08	3.94E-07
2532	497464.4	3858351.5	5.48E-04	5.61E-04	5.29E-04	1.90E-07	5.72E-07	3.31E-07	3.39E-07	3.08E-07	1.40E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.61E-08	7.31E-08	1.29E-08	6.95E-08	3.94E-07
2533	497514.4	3858351.5	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
2534	497564.4	3858351.5	5.43E-04	5.56E-04	5.25E-04	1.88E-07	5.68E-07	3.29E-07	3.37E-07	3.05E-07	1.39E-07	1.31E-07	6.28E-09	1.52E-07	3.35E-08	4.57E-08	7.25E-08	1.28E-08	6.89E-08	3.91E-07
2535	497614.4	3858351.5	5.42E-04	5.55E-04	5.23E-04	1.87E-07	5.66E-07	3.28E-07	3.36E-07	3.04E-07	1.39E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.56E-08	7.23E-08	1.27E-08	6.87E-08	3.90E-07
2536	497364.4	3858401.5	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
2537	497414.4	3858401.5	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
2538	497464.4	3858401.5	5.49E-04	5.62E-04	5.30E-04	1.90E-07	5.74E-07	3.32E-07	3.40E-07	3.08E-07	1.41E-07	1.33E-07	6.35E-09	1.53E-07	3.38E-08	4.62E-08	7.33E-08	1.29E-08	6.97E-08	3.96E-07
2539	497514.4	3858401.5	5.48E-04	5.61E-04	5.29E-04	1.90E-07	5.72E-07	3.31E-07	3.39E-07	3.08E-07	1.40E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.61E-08	7.31E-08	1.29E-08	6.95E-08	3.94E-07
2540	497564.4	3858401.5	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
2541	497614.4	3858401.5	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
2542	493478.1	3860497.9	2.69E-03	2.75E-03	2.60E-03	9.31E-07	2.81E-06	1.63E-06	1.67E-06	1.51E-06	6.89E-07	6.50E-07	3.11E-08	7.51E-07	1.66E-07	2.26E-07	3.59E-07	6.33E-08	3.41E-07	1.94E-06
2543	493528.1	3860497.9	2.64E-03	2.70E-03	2.55E-03	9.13E-07	2.76E-06	1.60E-06	1.64E-06	1.48E-06	6.76E-07	6.38E-07	3.05E-08	7.37E-07	1.63E-07	2.22E-07	3.52E-07	6.21E-08	3.35E-07	1.90E-06
2544	493478.1	3860547.9	2.80E-03	2.87E-03	2.70E-03	9.69E-07	2.93E-06	1.69E-06	1.74E-06	1.57E-06	7.18E-07	6.77E-07	3.24E-08	7.82E-07	1.73E-07	2.36E-07	3.74E-07	6.59E-08	3.55E-07	2.02E-06
2545	493528.1	3860547.9	2.75E-03	2.82E-03	2.66E-03	9.52E-07	2.88E-06	1.66E-06	1.70E-06	1.55E-06	7.05E-07	6.65E-07	3.18E-08	7.68E-07	1.69E-07	2.31E-07	3.67E-07	6.47E-08	3.49E-07	1.98E-06
2546	493478.1	3860597.9	2.92E-03	2.99E-03	2.82E-03	1.01E-06	3.05E-06	1.77E-06	1.81E-06	1.64E-06	7.48E-07	7.05E-07	3.37E-08	8.15E-07	1.80E-07	2.46E-07	3.89E-07	6.86E-08	3.70E-07	2.10E-06
2547	493528.1	3860597.9	2.86E-03	2.93E-03	2.77E-03	9.91E-07	2.99E-06	1.73E-06	1.77E-06	1.61E-06	7.34E-07	6.92E-07	3.31E-08	7.99E-07	1.76E-07	2.41E-07	3.82E-07	6.74E-08	3.63E-07	2.06E-06
2548	493561.9	3860524.6	2.66E-03	2.73E-03	2.57E-03	9.21E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.82E-07	6.43E-07	3.08E-08	7.43E-07	1.64E-07	2.24E-07	3.55E-07	6.26E-08	3.38E-07	1.92E-06
2549	493591.9	3860524.6	2.62E-03	2.69E-03	2.54E-03	9.08E-07	2.74E-06	1.59E-06	1.63E-06	1.47E-06	6.73E-07	6.34E-07	3.03E-08	7.33E-07	1.62E-07	2.21E-07	3.50E-07	6.17E-08	3.33E-07	1.89E-06
2550	493561.9	3860554.6	2.73E-03	2.79E-03	2.64E-03	9.45E-07	2.85E-06	1.65E-06	1.69E-06	1.53E-06	7.00E-07	6.60E-07	3.15E-08	7.62E-07	1.68E-07	2.30E-07	3.64E-07	6.42E-08	3.46E-07	1.97E-06
2551	493591.9	3860554.6	2.68E-03	2.75E-03	2.59E-03	9.29E-07	2.81E-06	1.62E-06	1.66E-06	1.51E-06	6.88E-07	6.49E-07	3.10E-08	7.50E-07	1.65E-07	2.26E-07	3.58E-07	6.32E-08	3.41E-07	1.93E-06
2552	492880.5	3860293.1	3.16E-03	3.24E-03	3.05E-03	1.09E-06	3.30E-06	1.91E-06	1.96E-06	1.78E-06	8.10E-07	7.64E-07	3.65E-08	8.83E-07	1.95E-07	2.66E-07	4.22E-07	7.44E-08	4.01E-07	2.28E-06
2553	492930.5	3860293.1	3.05E-03	3.13E-03	2.95E-03	1.06E-06	3.19E-06	1.85E-06	1.89E-06	1.72E-06	7.83E-07	7.38E-07	3.53E-08	8.53E-07	1.88E-07	2.57E-07	4.08E-07	7.18E-08	3.87E-07	2.20E-06
2554	492980.5	3860293.1	2.95E-03	3.02E-03	2.85E-03	1.02E-06	3.08E-06	1.78E-06	1.83E-06	1.66E-06	7.56E-07	7.13E-07	3.41E-08	8.23E-07	1.82E-07	2.48E-07	3.93E-07	6.93E-08	3.74E-07	2.12E-06
2555	493030.5	3860293.1	2.77E-03	2.84E-03	2.68E-03	9.59E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	7.10E-07	6.70E-07	3.20E-08	7.73E-07	1.71E-07	2.33E-07	3.70E-07	6.52E-08	3.52E-07	2.00E-06
2556	493080.5	3860293.1	2.60E-03	2.66E-03	2.51E-03	9.00E-07	2.72E-06	1.57E-06	1.61E-06	1.46E-06	6.67E-07	6.29E-07	3.01E-08	7.26E-07	1.60E-07	2.19E-07	3.47E-07	6.12E-08	3.30E-07	1.87E-06
2557	493130.5	3860293.1	2.62E-03	2.68E-03	2.53E-03	9.05E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.70E-07	6.32E-07	3.02E-08	7.30E-07	1.61E-07	2.20E-07	3.49E-07	6.15E-08	3.32E-07	1.88E-06
2558	493180.5	3860293.1	2.61E-03	2.67E-03	2.52E-03	9.04E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.69E-07	6.31E-07	3.02E-08	7.29E-07	1.61E-07	2.20E-07	3.48E-07	6.14E-08	3.31E-07	1.88E-06
2559	493230.5	3860293.1	2.56E-03	2.63E-03	2.48E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.57E-07	6.20E-07	2.96E-08	7.16E-07	1.58E-07	2.16E-07	3.42E-07	6.03E-08	3.25E-07	1.85E-06
2560	493280.5	3860293.1	2.47E-03	2.53E-03	2.39E-03	8.55E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.33E-07	5.97E-07	2.85E-08	6.89E-07	1.52E-07	2.08E-07	3.30E-07	5.81E-08	3.13E-07	1.78E-06
2561	493330.5	3860293.1	2.40E-03	2.46E-03	2.32E-03	8.31E-07	2.51E-06	1.45E-06	1.49E-06	1.35E-06	6.16E-07	5.81E-07	2.78E-08	6.70E-07	1.48E-07	2.02E-07	3.21E-07	5.65E-08	3.05E-07	1.73E-06
2562	493380.5	3860293.1	2.35E-03	2.40E-03	2.27E-03	8.12E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	6.02E-07	5.67E-07	2.71E-08	6.55E-07	1.45E-07	1.97E-07	3.13E-07	5.52E-08	2.98E-07	1.69E-06
2563	492880.5	3860343.1	3.31E-03	3.39E-03	3.20E-03	1.15E-06	3.46E-06	2.00E-06	2.05E-06	1.86E-06	8.48E-07	8.00E-07	3.82E-08	9.24E-07	2.04E-07	2.78E-07	4.42E-07	7.78E-08	4.20E-07	2.38E-06
2564	492930.5	3860343.1	3.20E-03	3.28E-03	3.09E-03	1.11E-06	3.34E-06	1.94E-06	1.98E-06	1.80E-06	8.20E-07	7.74E-07	3.70E-08	8.93E-07	1.97E-07	2.69E-07	4.27E-07	7.53E-08	4.06E-07	2.31E-06
2565	492980.5	3860343.1	3.01E-03	3.08E-03	2.91E-03	1.04E-06	3.15E-06	1.82E-06	1.86E-06	1.69E-06	7.71E-07	7.28E-07	3.48E-08	8.40E-07	1.85E-07	2.53E-07	4.02E-07	7.08E-08	3.82E-07	2.17E-06
2566	493030.5	3860343.1	2.91E-03	2.99E-03	2.82E-03	1.01E-06	3.05E-06	1.76E-06	1.81E-06	1.64E-06	7.47E-07	7.05E-07	3.37E-08	8.14E-07	1.80E-07	2.45E-07	3.89E-07	6.86E-08	3.70E-07	2.10E-06
2567	493080.5	3860343.1	2.75E-03	2.82E-03	2.66E-03	9.52E-07	2.88E-06	1.66E-06	1.70E-06	1.55E-06	7.05E-07	6.65E-07	3.18E-08	7.68E-07	1.69E-07	2.31E-07	3.67E-07	6.47E-08	3.49E-07	1.98E-06
2568	493130.5	3860343.1	2.71E-03	2.78E-03	2.62E-03	9.39E-07	2.83E-06	1.64E-06	1.68E-06	1.52E-06	6.95E-07	6.56E-07	3.13E-08	7.57E-07	1.67E-07	2.28E-07	3.62E-07	6.38E-08	3.44E-07	1.95E-06
2569	493180.5	3860343.1	2.71E-03	2.77E-03	2.62E-03	9.37E-07	2.83E-06	1.64E-06	1.68E-06	1.52E-06	6.94E-07	6.55E-07	3.13E-08	7.56E-07	1.67E-07	2.28E-07	3.61E-07	6.37E-08	3.44E-07	1.95E-06

2570	493230.5	3860343.1	2.66E-03	2.72E-03	2.57E-03	9.21E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.82E-07	6.43E-07	3.07E-08	7.43E-07	1.64E-07	2.24E-07	3.55E-07	6.26E-08	3.37E-07	1.92E-06
2571	493280.5	3860343.1	2.56E-03	2.62E-03	2.47E-03	8.86E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.56E-07	6.19E-07	2.96E-08	7.15E-07	1.58E-07	2.15E-07	3.42E-07	6.02E-08	3.25E-07	1.84E-06
2572	493330.5	3860343.1	2.48E-03	2.54E-03	2.40E-03	8.59E-07	2.59E-06	1.50E-06	1.54E-06	1.39E-06	6.36E-07	6.00E-07	2.87E-08	6.93E-07	1.53E-07	2.09E-07	3.31E-07	5.84E-08	3.15E-07	1.79E-06
2573	493380.5	3860343.1	2.43E-03	2.49E-03	2.35E-03	8.40E-07	2.54E-06	1.47E-06	1.50E-06	1.36E-06	6.22E-07	5.87E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.71E-08	3.08E-07	1.75E-06
2574	492880.5	3860393.1	3.47E-03	3.55E-03	3.35E-03	1.20E-06	3.63E-06	2.10E-06	2.15E-06	1.95E-06	8.89E-07	8.39E-07	4.01E-08	9.68E-07	2.14E-07	2.92E-07	4.63E-07	8.16E-08	4.40E-07	2.50E-06
2575	492930.5	3860393.1	3.34E-03	3.42E-03	3.23E-03	1.16E-06	3.49E-06	2.02E-06	2.07E-06	1.88E-06	8.56E-07	8.07E-07	3.86E-08	9.32E-07	2.06E-07	2.81E-07	4.46E-07	7.85E-08	4.24E-07	2.41E-06
2576	492980.5	3860393.1	3.18E-03	3.26E-03	3.08E-03	1.10E-06	3.33E-06	1.93E-06	1.97E-06	1.79E-06	8.16E-07	7.70E-07	3.68E-08	8.89E-07	1.96E-07	2.68E-07	4.25E-07	7.49E-08	4.04E-07	2.29E-06
2577	493030.5	3860393.1	3.06E-03	3.13E-03	2.95E-03	1.06E-06	3.20E-06	1.85E-06	1.90E-06	1.72E-06	7.84E-07	7.39E-07	3.53E-08	8.54E-07	1.88E-07	2.57E-07	4.08E-07	7.19E-08	3.88E-07	2.20E-06
2578	493080.5	3860393.1	2.88E-03	2.95E-03	2.79E-03	9.98E-07	3.01E-06	1.74E-06	1.79E-06	1.62E-06	7.39E-07	6.97E-07	3.33E-08	8.05E-07	1.78E-07	2.43E-07	3.85E-07	6.78E-08	3.66E-07	2.08E-06
2579	493130.5	3860393.1	2.85E-03	2.92E-03	2.76E-03	9.88E-07	2.98E-06	1.73E-06	1.77E-06	1.60E-06	7.31E-07	6.90E-07	3.30E-08	7.97E-07	1.76E-07	2.40E-07	3.81E-07	6.71E-08	3.62E-07	2.06E-06
2580	493180.5	3860393.1	2.84E-03	2.91E-03	2.74E-03	9.83E-07	2.97E-06	1.72E-06	1.76E-06	1.60E-06	7.28E-07	6.87E-07	3.28E-08	7.93E-07	1.75E-07	2.39E-07	3.79E-07	6.68E-08	3.61E-07	2.05E-06
2581	493230.5	3860393.1	2.77E-03	2.84E-03	2.67E-03	9.58E-07	2.89E-06	1.68E-06	1.72E-06	1.56E-06	7.10E-07	6.69E-07	3.20E-08	7.73E-07	1.71E-07	2.33E-07	3.70E-07	6.51E-08	3.51E-07	1.99E-06
2582	493280.5	3860393.1	2.66E-03	2.72E-03	2.57E-03	9.21E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.82E-07	6.43E-07	3.07E-08	7.43E-07	1.64E-07	2.24E-07	3.55E-07	6.26E-08	3.37E-07	1.92E-06
2583	493330.5	3860393.1	2.58E-03	2.64E-03	2.49E-03	8.92E-07	2.69E-06	1.56E-06	1.60E-06	1.45E-06	6.60E-07	6.23E-07	2.98E-08	7.19E-07	1.59E-07	2.17E-07	3.44E-07	6.06E-08	3.27E-07	1.86E-06
2584	493380.5	3860393.1	2.51E-03	2.57E-03	2.43E-03	8.70E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.44E-07	6.08E-07	2.91E-08	7.02E-07	1.55E-07	2.11E-07	3.35E-07	5.91E-08	3.19E-07	1.81E-06
2585	492880.5	3860443.1	3.63E-03	3.72E-03	3.51E-03	1.26E-06	3.79E-06	2.20E-06	2.25E-06	2.04E-06	9.30E-07	8.77E-07	4.20E-08	1.01E-06	2.24E-07	3.05E-07	4.84E-07	8.54E-08	4.61E-07	2.61E-06
2586	492930.5	3860443.1	3.51E-03	3.60E-03	3.39E-03	1.22E-06	3.67E-06	2.13E-06	2.18E-06	1.97E-06	9.00E-07	8.49E-07	4.06E-08	9.81E-07	2.16E-07	2.96E-07	4.69E-07	8.26E-08	4.46E-07	2.53E-06
2587	492980.5	3860443.1	3.37E-03	3.45E-03	3.25E-03	1.17E-06	3.52E-06	2.04E-06	2.09E-06	1.89E-06	8.63E-07	8.14E-07	3.89E-08	9.40E-07	2.07E-07	2.83E-07	4.49E-07	7.92E-08	4.27E-07	2.43E-06
2588	493030.5	3860443.1	3.23E-03	3.31E-03	3.12E-03	1.12E-06	3.38E-06	1.95E-06	2.00E-06	1.81E-06	8.28E-07	7.81E-07	3.73E-08	9.02E-07	1.99E-07	2.72E-07	4.31E-07	7.60E-08	4.10E-07	2.33E-06
2589	493080.5	3860443.1	3.12E-03	3.20E-03	3.02E-03	1.08E-06	3.27E-06	1.89E-06	1.94E-06	1.76E-06	8.01E-07	7.55E-07	3.61E-08	8.72E-07	1.93E-07	2.63E-07	4.17E-07	7.35E-08	3.96E-07	2.25E-06
2590	493130.5	3860443.1	3.03E-03	3.10E-03	2.92E-03	1.05E-06	3.16E-06	1.83E-06	1.88E-06	1.70E-06	7.76E-07	7.32E-07	3.50E-08	8.45E-07	1.87E-07	2.55E-07	4.04E-07	7.12E-08	3.84E-07	2.18E-06
2591	493180.5	3860443.1	3.00E-03	3.07E-03	2.89E-03	1.04E-06	3.13E-06	1.81E-06	1.86E-06	1.68E-06	7.68E-07	7.24E-07	3.46E-08	8.37E-07	1.85E-07	2.52E-07	4.00E-07	7.05E-08	3.80E-07	2.16E-06
2592	493230.5	3860443.1	2.87E-03	2.94E-03	2.78E-03	9.95E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.37E-07	6.95E-07	3.32E-08	8.02E-07	1.77E-07	2.42E-07	3.84E-07	6.76E-08	3.65E-07	2.07E-06
2593	493280.5	3860443.1	2.78E-03	2.85E-03	2.69E-03	9.63E-07	2.91E-06	1.68E-06	1.72E-06	1.56E-06	7.13E-07	6.72E-07	3.21E-08	7.76E-07	1.71E-07	2.34E-07	3.71E-07	6.54E-08	3.53E-07	2.00E-06
2594	493330.5	3860443.1	2.67E-03	2.74E-03	2.58E-03	9.25E-07	2.79E-06	1.62E-06	1.66E-06	1.50E-06	6.85E-07	6.46E-07	3.09E-08	7.46E-07	1.65E-07	2.25E-07	3.57E-07	6.29E-08	3.39E-07	1.93E-06
2595	493380.5	3860443.1	2.62E-03	2.69E-03	2.54E-03	9.08E-07	2.74E-06	1.59E-06	1.63E-06	1.47E-06	6.73E-07	6.34E-07	3.03E-08	7.33E-07	1.62E-07	2.21E-07	3.50E-07	6.17E-08	3.33E-07	1.89E-06
2596	493180.5	3860493.1	3.11E-03	3.19E-03	3.01E-03	1.08E-06	3.25E-06	1.88E-06	1.93E-06	1.75E-06	7.98E-07	7.53E-07	3.60E-08	8.70E-07	1.92E-07	2.62E-07	4.16E-07	7.33E-08	3.95E-07	2.24E-06
2597	493230.5	3860493.1	3.01E-03	3.08E-03	2.90E-03	1.04E-06	3.14E-06	1.82E-06	1.86E-06	1.69E-06	7.71E-07	7.27E-07	3.48E-08	8.39E-07	1.85E-07	2.53E-07	4.01E-07	7.07E-08	3.81E-07	2.17E-06
2598	493280.5	3860493.1	2.90E-03	2.97E-03	2.80E-03	1.00E-06	3.03E-06	1.76E-06	1.80E-06	1.63E-06	7.44E-07	7.02E-07	3.35E-08	8.10E-07	1.79E-07	2.44E-07	3.87E-07	6.83E-08	3.68E-07	2.09E-06
2599	493330.5	3860493.1	2.81E-03	2.88E-03	2.72E-03	9.74E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.21E-07	6.80E-07	3.25E-08	7.85E-07	1.73E-07	2.37E-07	3.75E-07	6.62E-08	3.57E-07	2.03E-06
2600	493380.5	3860493.1	2.76E-03	2.83E-03	2.67E-03	9.55E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	7.07E-07	6.67E-07	3.19E-08	7.71E-07	1.70E-07	2.32E-07	3.68E-07	6.49E-08	3.50E-07	1.99E-06
2601	493330.5	3860543.1	2.94E-03	3.01E-03	2.84E-03	1.02E-06	3.07E-06	1.78E-06	1.82E-06	1.65E-06	7.54E-07	7.11E-07	3.40E-08	8.21E-07	1.81E-07	2.47E-07	3.93E-07	6.92E-08	3.73E-07	2.12E-06
2602	493380.5	3860543.1	2.88E-03	2.95E-03	2.79E-03	9.98E-07	3.01E-06	1.74E-06	1.79E-06	1.62E-06	7.39E-07	6.97E-07	3.33E-08	8.05E-07	1.78E-07	2.43E-07	3.85E-07	6.78E-08	3.66E-07	2.08E-06
2603	494135.9	3860876.9	2.97E-03	3.04E-03	2.87E-03	1.03E-06	3.11E-06	1.80E-06	1.84E-06	1.67E-06	7.62E-07	7.18E-07	3.43E-08	8.30E-07	1.83E-07	2.50E-07	3.97E-07	6.99E-08	3.77E-07	2.14E-06
2604	494185.9	3860876.9	2.92E-03	2.99E-03	2.82E-03	1.01E-06	3.06E-06	1.77E-06	1.81E-06	1.64E-06	7.49E-07	7.07E-07	3.38E-08	8.16E-07	1.80E-07	2.46E-07	3.90E-07	6.88E-08	3.71E-07	2.11E-06
2605	494135.9	3860926.9	3.17E-03	3.25E-03	3.06E-03	1.10E-06	3.31E-06	1.92E-06	1.96E-06	1.78E-06	8.13E-07	7.67E-07	3.66E-08	8.85E-07	1.95E-07	2.67E-07	4.23E-07	7.46E-08	4.02E-07	2.28E-06
2606	494185.9	3860926.9	3.11E-03	3.19E-03	3.01E-03	1.08E-06	3.25E-06	1.88E-06	1.93E-06	1.75E-06	7.98E-07	7.53E-07	3.60E-08	8.70E-07	1.92E-07	2.62E-07	4.16E-07	7.33E-08	3.95E-07	2.24E-06
2607	494135.9	3860976.9	3.40E-03	3.48E-03	3.29E-03	1.18E-06	3.55E-06	2.06E-06	2.11E-06	1.91E-06	8.72E-07	8.22E-07	3.93E-08	9.49E-07	2.10E-07	2.86E-07	4.54E-07	8.00E-08	4.31E-07	2.45E-06
2608	494185.9	3860976.9	3.34E-03	3.42E-03	3.22E-03	1.15E-06	3.49E-06	2.02E-06	2.07E-06	1.87E-06	8.55E-07	8.06E-07	3.86E-08	9.31E-07	2.06E-07	2.81E-07	4.45E-07	7.85E-08	4.23E-07	2.40E-06
2609	494135.9	3861026.9	3.68E-03	3.77E-03	3.55E-03	1.27E-06	3.84E-06	2.23E-06	2.28E-06	2.07E-06	9.43E-07	8.89E-07	4.25E-08	1.03E-06	2.27E-07	3.09E-07	4.91E-07	8.65E-08	4.67E-07	2.65E-06
2610	494185.9	3861026.9	3.60E-03	3.69E-03	3.48E-03	1.25E-06	3.77E-06	2.18E-06	2.23E-06	2.02E-06	9.23E-07	8.71E-07	4.16E-08	1.01E-06	2.22E-07	3.03E-07	4.81E-07	8.47E-08	4.57E-07	2.60E-06
2611	494135.9	3861076.9	4.02E-03	4.11E-03	3.88E-03	1.39E-06	4.20E-06	2.43E-06	2.49E-06	2.26E-06	1.03E-06	9.71E-07	4.64E-08	1.12E-06	2.47E-07	3.38E-07	5.36E-07	9.45E-08	5.10E-07	2.89E-06
2612	494185.9	3861076.9	3.93E-03	4.02E-03	3.79E-03	1.36E-06	4.10E-06	2.38E-06	2.43E-06	2.21E-06	1.01E-06	9.50E-07	4.54E-08	1.10E-06	2.42E-07	3.30E-07	5.24E-07	9.24E-08	4.98E-07	2.83E-06
2613	490360	3858710	2.83E-03	2.90E-03	2.74E-03	9.80E-07	2.96E-06	1.71E-06	1.76E-06	1.59E-06	7.26E-07	6.85E-07	3.27E-08	7.91E-07	1.75E-07	2.38E-07	3.78E-07	6.66E-08	3.59E-07	2.04E-06
2614	490410	3858710	2.75E-03	2.82E-03	2.66E-03	9.53E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	7.06E-07	6.66E-07	3.18E-08	7.69E-07	1.70E-07	2.32E-07	3.67E-07	6.48E-08	3.49E-07	1.98E-06
2615	490460	3858710	2.66E-03	2.73E-03	2.57E-03	9.21E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.82E-07	6.43E-07	3.08E-08	7.43E-07	1.64E-07	2.24E-07	3.55E-07	6.26E-08	3.38E-07	1.92E-06
2616	490510	3858710	2.59E-03	2.65E-03	2.50E-03	8.96E-07	2.71E-06	1.57E-06	1.60E-06	1.45E-06	6.64E-07	6.26E-07	2.99E-08	7.23E-07	1.59E-07	2.18E-07	3.46E-07	6.09E-08	3.28E-07	1.86E-06
2617	490560	3858710	2.53E-03	2.59E-03	2.44E-03	8.74E-07	2.64E-06	1.53E-06	1.56E-06	1.42E-06	6.47E-07	6.11E-07	2.92E-08	7.05E-07	1.56E-07	2.12E-07	3.37E-07	5.94E-08	3.20E-07	1.82E-06
2618	490610	3858710	2.46E-03	2.52E-03	2.38E-03	8.52E-07	2.57E-06	1.49E-06	1.53E-06	1.38E-06	6.31E-07	5.95E-07	2.85E-08	6.87E-07	1.52E-07	2.07E-07	3.29E-07	5.79E-08	3.12E-07	1.77E-06
2619	490660	3858710	2.41E-03	2.47E-03	2.33E-03	8.36E-07	2.52E-06	1.46E-06	1.50E-06	1.36E-06	6.19E-07	5.84E-07	2.79E-08	6.74E-07	1.49E-07	2.03E-07	3.22E-07	5.68E-08	3.06E-07	1.74E-06
2620	490710	3858710	2.35E-03	2.40E-03	2.27E-03	8.12E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	6.02E-07	5.67E-07	2.71E-08	6.55E-07	1.45E-07	1.97E-07	3.13E-07	5.52E-08	2.98E-07	1.69E-06
2621	490760	3858710	2.29E-03	2.34E-03	2.21E-03	7.92E-07	2.39E-06	1.38E-06	1.42E-06	1.29E-06	5.86E-07	5.53E-07	2.64E-08	6.39E-07	1.41E-07	1.92E-07	3.05E-07	5.38E-08	2.90E-07	1.65E-06
2622	490810	3858710	2.23E-03	2.29E-03	2.16E-03	7.72E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.72E-07	5.40E-07	2.58E-08	6.23E-07	1.37E-07	1.88E-07	2.98E-07	5.25E-08	2.83E-07	1.61E-06
2623	490860	3858710	2.17E-03	2.22E-03	2.09E-03	7.51E-07	2.27E-06	1.31E-06	1.34E-06	1.22E-06	5.56E-07	5.24E-07	2.51E-08	6.05E-07	1.34E-07	1.82E-07	2.89E-07	5.10E-08	2.75E-07	1.56E-06
2624	490360	3858760	2.95E-03	3.02E-03	2.85E-03	1.02E-06	3.08E-06	1.79E-06	1.83E-06	1.66E-06	7.56E-07	7.13E-07	3.41E-08	8.24E-07	1.82E-07	2.48E-07	3.94E-07	6.94E-08	3.74E-07	2.13E-06
2625	490410	3858760	2.86E-03	2.93E-03	2.76E-03	9.90E-07	2.99E-06	1.73E-06	1.77E-06	1.61E-06	7.33E-07	6.92E-07	3.31E-08	7.99E-07	1.76E-07	2.41E-07	3.82E-07	6.73E-08	3.63E-07	2.06E-06

2626	490460	3858760	2.77E-03	2.84E-03	2.67E-03	9.58E-07	2.89E-06	1.68E-06	1.72E-06	1.56E-06	7.10E-07	6.69E-07	3.20E-08	7.73E-07	1.71E-07	2.33E-07	3.70E-07	6.51E-08	3.51E-07	1.99E-06
2627	490510	3858760	2.68E-03	2.74E-03	2.59E-03	9.27E-07	2.80E-06	1.62E-06	1.66E-06	1.50E-06	6.87E-07	6.48E-07	3.10E-08	7.48E-07	1.65E-07	2.25E-07	3.58E-07	6.30E-08	3.40E-07	1.93E-06
2628	490560	3858760	2.60E-03	2.67E-03	2.52E-03	9.01E-07	2.72E-06	1.58E-06	1.61E-06	1.46E-06	6.67E-07	6.29E-07	3.01E-08	7.27E-07	1.60E-07	2.19E-07	3.48E-07	6.12E-08	3.30E-07	1.88E-06
2629	490610	3858760	2.53E-03	2.59E-03	2.44E-03	8.75E-07	2.64E-06	1.53E-06	1.57E-06	1.42E-06	6.48E-07	6.11E-07	2.92E-08	7.06E-07	1.56E-07	2.13E-07	3.37E-07	5.95E-08	3.21E-07	1.82E-06
2630	490660	3858760	2.46E-03	2.52E-03	2.38E-03	8.52E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.31E-07	5.95E-07	2.84E-08	6.87E-07	1.52E-07	2.07E-07	3.28E-07	5.79E-08	3.12E-07	1.77E-06
2631	490710	3858760	2.40E-03	2.45E-03	2.31E-03	8.29E-07	2.50E-06	1.45E-06	1.48E-06	1.35E-06	6.14E-07	5.79E-07	2.77E-08	6.69E-07	1.48E-07	2.02E-07	3.20E-07	5.63E-08	3.04E-07	1.73E-06
2632	490760	3858760	2.33E-03	2.38E-03	2.25E-03	8.05E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.96E-07	5.62E-07	2.69E-08	6.49E-07	1.43E-07	1.96E-07	3.10E-07	5.47E-08	2.95E-07	1.68E-06
2633	490810	3858760	2.26E-03	2.32E-03	2.19E-03	7.83E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.80E-07	5.47E-07	2.62E-08	6.32E-07	1.39E-07	1.90E-07	3.02E-07	5.32E-08	2.87E-07	1.63E-06
2634	490860	3858760	2.21E-03	2.26E-03	2.13E-03	7.64E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.66E-07	5.34E-07	2.55E-08	6.16E-07	1.36E-07	1.86E-07	2.95E-07	5.19E-08	2.80E-07	1.59E-06
2635	490360	3858810	3.07E-03	3.14E-03	2.96E-03	1.06E-06	3.21E-06	1.86E-06	1.90E-06	1.72E-06	7.87E-07	7.42E-07	3.55E-08	8.57E-07	1.89E-07	2.58E-07	4.10E-07	7.22E-08	3.89E-07	2.21E-06
2636	490410	3858810	2.97E-03	3.04E-03	2.87E-03	1.03E-06	3.10E-06	1.79E-06	1.84E-06	1.67E-06	7.60E-07	7.17E-07	3.43E-08	8.28E-07	1.83E-07	2.50E-07	3.96E-07	6.98E-08	3.76E-07	2.14E-06
2637	490460	3858810	2.87E-03	2.94E-03	2.77E-03	9.93E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.35E-07	6.93E-07	3.31E-08	8.01E-07	1.77E-07	2.41E-07	3.83E-07	6.75E-08	3.64E-07	2.07E-06
2638	490510	3858810	2.78E-03	2.85E-03	2.69E-03	9.64E-07	2.91E-06	1.69E-06	1.73E-06	1.56E-06	7.14E-07	6.73E-07	3.22E-08	7.78E-07	1.72E-07	2.34E-07	3.72E-07	6.55E-08	3.53E-07	2.01E-06
2639	490560	3858810	2.70E-03	2.77E-03	2.61E-03	9.35E-07	2.82E-06	1.64E-06	1.67E-06	1.52E-06	6.93E-07	6.53E-07	3.12E-08	7.55E-07	1.66E-07	2.27E-07	3.61E-07	6.36E-08	3.43E-07	1.95E-06
2640	490610	3858810	2.61E-03	2.67E-03	2.52E-03	9.04E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.69E-07	6.31E-07	3.02E-08	7.29E-07	1.61E-07	2.20E-07	3.48E-07	6.14E-08	3.31E-07	1.88E-06
2641	490660	3858810	2.53E-03	2.59E-03	2.45E-03	8.77E-07	2.65E-06	1.53E-06	1.57E-06	1.42E-06	6.49E-07	6.12E-07	2.93E-08	7.07E-07	1.56E-07	2.13E-07	3.38E-07	5.96E-08	3.21E-07	1.82E-06
2642	490710	3858810	2.45E-03	2.51E-03	2.37E-03	8.50E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.29E-07	5.93E-07	2.84E-08	6.85E-07	1.51E-07	2.07E-07	3.28E-07	5.77E-08	3.11E-07	1.77E-06
2643	490760	3858810	2.37E-03	2.42E-03	2.29E-03	8.19E-07	2.47E-06	1.43E-06	1.47E-06	1.33E-06	6.07E-07	5.72E-07	2.74E-08	6.61E-07	1.46E-07	1.99E-07	3.16E-07	5.57E-08	3.00E-07	1.71E-06
2644	490810	3858810	2.32E-03	2.37E-03	2.24E-03	8.02E-07	2.42E-06	1.40E-06	1.44E-06	1.30E-06	5.94E-07	5.60E-07	2.68E-08	6.47E-07	1.43E-07	1.95E-07	3.09E-07	5.45E-08	2.94E-07	1.67E-06
2645	490860	3858810	2.25E-03	2.30E-03	2.17E-03	7.78E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.76E-07	5.43E-07	2.60E-08	6.28E-07	1.38E-07	1.89E-07	3.00E-07	5.29E-08	2.85E-07	1.62E-06
2646	490360	3858860	3.18E-03	3.26E-03	3.07E-03	1.10E-06	3.33E-06	1.93E-06	1.97E-06	1.79E-06	8.16E-07	7.69E-07	3.68E-08	8.88E-07	1.96E-07	2.68E-07	4.25E-07	7.49E-08	4.04E-07	2.29E-06
2647	490410	3858860	3.09E-03	3.17E-03	2.99E-03	1.07E-06	3.23E-06	1.87E-06	1.92E-06	1.74E-06	7.93E-07	7.48E-07	3.58E-08	8.64E-07	1.91E-07	2.60E-07	4.13E-07	7.28E-08	3.93E-07	2.23E-06
2648	490460	3858860	2.98E-03	3.05E-03	2.88E-03	1.03E-06	3.11E-06	1.80E-06	1.85E-06	1.67E-06	7.63E-07	7.20E-07	3.44E-08	8.32E-07	1.84E-07	2.51E-07	3.98E-07	7.01E-08	3.78E-07	2.15E-06
2649	490510	3858860	2.90E-03	2.97E-03	2.80E-03	1.00E-06	3.03E-06	1.76E-06	1.80E-06	1.63E-06	7.44E-07	7.02E-07	3.35E-08	8.10E-07	1.79E-07	2.44E-07	3.87E-07	6.83E-08	3.68E-07	2.09E-06
2650	490560	3858860	2.80E-03	2.87E-03	2.71E-03	9.70E-07	2.93E-06	1.70E-06	1.74E-06	1.57E-06	7.18E-07	6.78E-07	3.24E-08	7.83E-07	1.73E-07	2.36E-07	3.74E-07	6.59E-08	3.56E-07	2.02E-06
2651	490610	3858860	2.69E-03	2.75E-03	2.60E-03	9.31E-07	2.81E-06	1.63E-06	1.67E-06	1.51E-06	6.89E-07	6.50E-07	3.11E-08	7.51E-07	1.66E-07	2.26E-07	3.59E-07	6.33E-08	3.41E-07	1.94E-06
2652	490660	3858860	2.61E-03	2.67E-03	2.52E-03	9.02E-07	2.72E-06	1.58E-06	1.62E-06	1.46E-06	6.68E-07	6.30E-07	3.01E-08	7.28E-07	1.61E-07	2.19E-07	3.48E-07	6.13E-08	3.31E-07	1.88E-06
2653	490710	3858860	2.54E-03	2.60E-03	2.45E-03	8.78E-07	2.65E-06	1.54E-06	1.57E-06	1.43E-06	6.50E-07	6.13E-07	2.93E-08	7.08E-07	1.56E-07	2.13E-07	3.39E-07	5.97E-08	3.22E-07	1.83E-06
2654	490760	3858860	2.45E-03	2.50E-03	2.36E-03	8.47E-07	2.56E-06	1.48E-06	1.52E-06	1.37E-06	6.27E-07	5.91E-07	2.83E-08	6.83E-07	1.51E-07	2.06E-07	3.26E-07	5.75E-08	3.10E-07	1.76E-06
2655	490810	3858860	2.36E-03	2.42E-03	2.28E-03	8.18E-07	2.47E-06	1.43E-06	1.46E-06	1.33E-06	6.06E-07	5.71E-07	2.73E-08	6.60E-07	1.46E-07	1.99E-07	3.15E-07	5.56E-08	3.00E-07	1.70E-06
2656	490860	3858860	2.28E-03	2.34E-03	2.21E-03	7.90E-07	2.39E-06	1.38E-06	1.41E-06	1.28E-06	5.85E-07	5.52E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.37E-08	2.90E-07	1.64E-06
2657	490360	3858910	3.36E-03	3.44E-03	3.25E-03	1.16E-06	3.51E-06	2.03E-06	2.08E-06	1.89E-06	8.61E-07	8.12E-07	3.88E-08	9.38E-07	2.07E-07	2.83E-07	4.48E-07	7.90E-08	4.26E-07	2.42E-06
2658	490410	3858910	3.24E-03	3.32E-03	3.13E-03	1.12E-06	3.39E-06	1.96E-06	2.01E-06	1.82E-06	8.31E-07	7.84E-07	3.75E-08	9.05E-07	2.00E-07	2.73E-07	4.33E-07	7.62E-08	4.11E-07	2.33E-06
2659	490460	3858910	3.13E-03	3.20E-03	3.02E-03	1.08E-06	3.27E-06	1.89E-06	1.94E-06	1.76E-06	8.01E-07	7.56E-07	3.61E-08	8.73E-07	1.93E-07	2.63E-07	4.17E-07	7.35E-08	3.97E-07	2.25E-06
2660	490510	3858910	3.01E-03	3.08E-03	2.91E-03	1.04E-06	3.15E-06	1.82E-06	1.86E-06	1.69E-06	7.71E-07	7.28E-07	3.48E-08	8.40E-07	1.85E-07	2.53E-07	4.02E-07	7.08E-08	3.82E-07	2.17E-06
2661	490560	3858910	2.89E-03	2.96E-03	2.80E-03	1.00E-06	3.03E-06	1.75E-06	1.79E-06	1.63E-06	7.42E-07	7.00E-07	3.35E-08	8.08E-07	1.78E-07	2.44E-07	3.86E-07	6.81E-08	3.67E-07	2.09E-06
2662	490610	3858910	2.78E-03	2.85E-03	2.69E-03	9.63E-07	2.91E-06	1.68E-06	1.72E-06	1.56E-06	7.13E-07	6.73E-07	3.22E-08	7.77E-07	1.71E-07	2.34E-07	3.71E-07	6.54E-08	3.53E-07	2.00E-06
2663	490660	3858910	2.69E-03	2.76E-03	2.60E-03	9.31E-07	2.81E-06	1.63E-06	1.67E-06	1.51E-06	6.90E-07	6.51E-07	3.11E-08	7.51E-07	1.66E-07	2.26E-07	3.59E-07	6.33E-08	3.41E-07	1.94E-06
2664	490710	3858910	2.59E-03	2.66E-03	2.51E-03	8.98E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.65E-07	6.27E-07	3.00E-08	7.24E-07	1.60E-07	2.18E-07	3.46E-07	6.10E-08	3.29E-07	1.87E-06
2665	490760	3858910	2.49E-03	2.55E-03	2.41E-03	8.63E-07	2.61E-06	1.51E-06	1.54E-06	1.40E-06	6.39E-07	6.03E-07	2.88E-08	6.96E-07	1.54E-07	2.10E-07	3.33E-07	5.86E-08	3.16E-07	1.80E-06
2666	490810	3858910	2.42E-03	2.47E-03	2.33E-03	8.36E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.19E-07	5.84E-07	2.79E-08	6.75E-07	1.49E-07	2.03E-07	3.22E-07	5.68E-08	3.07E-07	1.74E-06
2667	490860	3858910	2.32E-03	2.38E-03	2.24E-03	8.04E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.95E-07	5.62E-07	2.69E-08	6.49E-07	1.43E-07	1.95E-07	3.10E-07	5.46E-08	2.95E-07	1.67E-06
2668	490360	3858960	3.52E-03	3.61E-03	3.40E-03	1.22E-06	3.68E-06	2.13E-06	2.18E-06	1.98E-06	9.03E-07	8.51E-07	4.07E-08	9.83E-07	2.17E-07	2.96E-07	4.70E-07	8.28E-08	4.47E-07	2.54E-06
2669	490410	3858960	3.38E-03	3.46E-03	3.27E-03	1.17E-06	3.53E-06	2.05E-06	2.10E-06	1.90E-06	8.67E-07	8.18E-07	3.91E-08	9.44E-07	2.08E-07	2.84E-07	4.51E-07	7.95E-08	4.29E-07	2.44E-06
2670	490460	3858960	3.24E-03	3.32E-03	3.13E-03	1.12E-06	3.39E-06	1.96E-06	2.01E-06	1.82E-06	8.31E-07	7.84E-07	3.75E-08	9.05E-07	2.00E-07	2.73E-07	4.33E-07	7.62E-08	4.11E-07	2.33E-06
2671	490510	3858960	3.12E-03	3.19E-03	3.01E-03	1.08E-06	3.26E-06	1.89E-06	1.93E-06	1.75E-06	7.99E-07	7.53E-07	3.60E-08	8.70E-07	1.92E-07	2.62E-07	4.16E-07	7.33E-08	3.95E-07	2.24E-06
2672	490560	3858960	3.00E-03	3.07E-03	2.90E-03	1.04E-06	3.13E-06	1.81E-06	1.86E-06	1.68E-06	7.68E-07	7.25E-07	3.46E-08	8.37E-07	1.85E-07	2.52E-07	4.00E-07	7.05E-08	3.80E-07	2.16E-06
2673	490610	3858960	2.87E-03	2.94E-03	2.77E-03	9.92E-07	3.00E-06	1.73E-06	1.78E-06	1.61E-06	7.35E-07	6.93E-07	3.31E-08	8.00E-07	1.77E-07	2.41E-07	3.83E-07	6.74E-08	3.64E-07	2.06E-06
2674	490660	3858960	2.78E-03	2.85E-03	2.69E-03	9.64E-07	2.91E-06	1.69E-06	1.73E-06	1.56E-06	7.14E-07	6.73E-07	3.22E-08	7.78E-07	1.72E-07	2.34E-07	3.72E-07	6.55E-08	3.53E-07	2.01E-06
2675	490710	3858960	2.67E-03	2.73E-03	2.58E-03	9.23E-07	2.79E-06	1.61E-06	1.65E-06	1.50E-06	6.84E-07	6.45E-07	3.08E-08	7.45E-07	1.64E-07	2.24E-07	3.56E-07	6.27E-08	3.38E-07	1.92E-06
2676	490760	3858960	2.57E-03	2.63E-03	2.48E-03	8.88E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.58E-07	6.20E-07	2.97E-08	7.16E-07	1.58E-07	2.16E-07	3.42E-07	6.03E-08	3.25E-07	1.85E-06
2677	490810	3858960	2.47E-03	2.53E-03	2.39E-03	8.55E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.33E-07	5.97E-07	2.85E-08	6.89E-07	1.52E-07	2.08E-07	3.30E-07	5.81E-08	3.13E-07	1.78E-06
2678	490860	3858960	2.37E-03	2.43E-03	2.29E-03	8.20E-07	2.48E-06	1.43E-06	1.47E-06	1.33E-06	6.07E-07	5.73E-07	2.74E-08	6.61E-07	1.46E-07	1.99E-07	3.16E-07	5.57E-08	3.01E-07	1.71E-06
2679	490360	3859010	3.71E-03	3.80E-03	3.58E-03	1.28E-06	3.87E-06	2.24E-06	2.30E-06	2.08E-06	9.50E-07	8.96E-07	4.28E-08	1.03E-06	2.28E-07	3.12E-07	4.95E-07	8.72E-08	4.70E-07	2.67E-06
2680	490410	3859010	3.54E-03	3.62E-03	3.42E-03	1.23E-06	3.70E-06	2.14E-06	2.19E-06	1.99E-06	9.07E-07	8.56E-07	4.09E-08	9.88E-07	2.18E-07	2.98E-07	4.72E-07	8.33E-08	4.49E-07	2.55E-06
2681	490460	3859010	3.36E-03	3.44E-03	3.25E-03	1.16E-06	3.52E-06	2.04E-06	2.08E-06	1.89E-06	8.62E-07	8.13E-07	3.89E-08	9.39E-07	2.07E-07	2.83E-07	4.49E-07	7.91E-08	4.27E-07	2.42E-06

2682	490510	3859010	3.20E-03	3.28E-03	3.09E-03	1.11E-06	3.35E-06	1.94E-06	1.98E-06	1.80E-06	8.21E-07	7.74E-07	3.70E-08	8.94E-07	1.97E-07	2.69E-07	4.27E-07	7.53E-08	4.06E-07	2.31E-06
2683	490560	3859010	3.10E-03	3.17E-03	2.99E-03	1.07E-06	3.24E-06	1.87E-06	1.92E-06	1.74E-06	7.94E-07	7.49E-07	3.58E-08	8.65E-07	1.91E-07	2.61E-07	4.13E-07	7.28E-08	3.93E-07	2.23E-06
2684	490610	3859010	2.96E-03	3.03E-03	2.86E-03	1.02E-06	3.09E-06	1.79E-06	1.83E-06	1.66E-06	7.58E-07	7.15E-07	3.42E-08	8.25E-07	1.82E-07	2.49E-07	3.95E-07	6.95E-08	3.75E-07	2.13E-06
2685	490660	3859010	2.87E-03	2.94E-03	2.77E-03	9.94E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.36E-07	6.94E-07	3.32E-08	8.02E-07	1.77E-07	2.42E-07	3.83E-07	6.75E-08	3.64E-07	2.07E-06
2686	490710	3859010	2.74E-03	2.81E-03	2.65E-03	9.49E-07	2.86E-06	1.66E-06	1.70E-06	1.54E-06	7.03E-07	6.63E-07	3.17E-08	7.65E-07	1.69E-07	2.31E-07	3.66E-07	6.45E-08	3.48E-07	1.97E-06
2687	490760	3859010	2.63E-03	2.69E-03	2.54E-03	9.10E-07	2.75E-06	1.59E-06	1.63E-06	1.48E-06	6.74E-07	6.36E-07	3.04E-08	7.34E-07	1.62E-07	2.21E-07	3.51E-07	6.18E-08	3.34E-07	1.89E-06
2688	490810	3859010	2.52E-03	2.58E-03	2.44E-03	8.73E-07	2.63E-06	1.53E-06	1.56E-06	1.42E-06	6.46E-07	6.10E-07	2.91E-08	7.04E-07	1.55E-07	2.12E-07	3.36E-07	5.93E-08	3.20E-07	1.82E-06
2689	490860	3859010	2.43E-03	2.49E-03	2.35E-03	8.40E-07	2.54E-06	1.47E-06	1.50E-06	1.36E-06	6.22E-07	5.87E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.71E-08	3.08E-07	1.75E-06
2690	490360	3859060	3.90E-03	4.00E-03	3.77E-03	1.35E-06	4.08E-06	2.36E-06	2.42E-06	2.19E-06	1.00E-06	9.44E-07	4.51E-08	1.09E-06	2.40E-07	3.28E-07	5.21E-07	9.18E-08	4.95E-07	2.81E-06
2691	490410	3859060	3.68E-03	3.77E-03	3.56E-03	1.27E-06	3.85E-06	2.23E-06	2.28E-06	2.07E-06	9.44E-07	8.90E-07	4.25E-08	1.03E-06	2.27E-07	3.10E-07	4.91E-07	8.66E-08	4.67E-07	2.65E-06
2692	490460	3859060	3.50E-03	3.58E-03	3.38E-03	1.21E-06	3.66E-06	2.12E-06	2.17E-06	1.97E-06	8.97E-07	8.46E-07	4.04E-08	9.77E-07	2.16E-07	2.94E-07	4.67E-07	8.23E-08	4.44E-07	2.52E-06
2693	490510	3859060	3.34E-03	3.42E-03	3.23E-03	1.16E-06	3.49E-06	2.02E-06	2.07E-06	1.88E-06	8.57E-07	8.08E-07	3.86E-08	9.33E-07	2.06E-07	2.81E-07	4.46E-07	7.86E-08	4.24E-07	2.41E-06
2694	490560	3859060	3.18E-03	3.26E-03	3.07E-03	1.10E-06	3.32E-06	1.92E-06	1.97E-06	1.79E-06	8.15E-07	7.69E-07	3.67E-08	8.88E-07	1.96E-07	2.67E-07	4.24E-07	7.48E-08	4.03E-07	2.29E-06
2695	490610	3859060	3.06E-03	3.13E-03	2.96E-03	1.06E-06	3.20E-06	1.85E-06	1.90E-06	1.72E-06	7.84E-07	7.40E-07	3.54E-08	8.54E-07	1.89E-07	2.57E-07	4.08E-07	7.20E-08	3.88E-07	2.20E-06
2696	490660	3859060	2.95E-03	3.02E-03	2.85E-03	1.02E-06	3.08E-06	1.79E-06	1.83E-06	1.66E-06	7.56E-07	7.13E-07	3.41E-08	8.24E-07	1.82E-07	2.48E-07	3.94E-07	6.94E-08	3.74E-07	2.13E-06
2697	490710	3859060	2.81E-03	2.88E-03	2.72E-03	9.73E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.21E-07	6.80E-07	3.25E-08	7.85E-07	1.73E-07	2.37E-07	3.75E-07	6.61E-08	3.57E-07	2.03E-06
2698	490760	3859060	2.69E-03	2.76E-03	2.60E-03	9.31E-07	2.81E-06	1.63E-06	1.67E-06	1.51E-06	6.90E-07	6.51E-07	3.11E-08	7.51E-07	1.66E-07	2.26E-07	3.59E-07	6.33E-08	3.41E-07	1.94E-06
2699	490810	3859060	2.58E-03	2.64E-03	2.49E-03	8.92E-07	2.69E-06	1.56E-06	1.60E-06	1.45E-06	6.61E-07	6.23E-07	2.98E-08	7.20E-07	1.59E-07	2.17E-07	3.44E-07	6.06E-08	3.27E-07	1.86E-06
2700	490860	3859060	2.48E-03	2.54E-03	2.39E-03	8.57E-07	2.59E-06	1.50E-06	1.53E-06	1.39E-06	6.35E-07	5.99E-07	2.86E-08	6.91E-07	1.53E-07	2.08E-07	3.31E-07	5.83E-08	3.14E-07	1.78E-06
2701	490360	3859110	4.16E-03	4.26E-03	4.02E-03	1.44E-06	4.34E-06	2.51E-06	2.58E-06	2.33E-06	1.07E-06	1.00E-06	4.80E-08	1.16E-06	2.56E-07	3.50E-07	5.55E-07	9.78E-08	5.27E-07	2.99E-06
2702	490410	3859110	3.90E-03	4.00E-03	3.77E-03	1.35E-06	4.08E-06	2.36E-06	2.42E-06	2.19E-06	1.00E-06	9.44E-07	4.51E-08	1.09E-06	2.41E-07	3.28E-07	5.21E-07	9.18E-08	4.95E-07	2.81E-06
2703	490460	3859110	3.72E-03	3.81E-03	3.59E-03	1.29E-06	3.88E-06	2.25E-06	2.30E-06	2.09E-06	9.53E-07	8.99E-07	4.30E-08	1.04E-06	2.29E-07	3.13E-07	4.96E-07	8.74E-08	4.72E-07	2.68E-06
2704	490510	3859110	3.47E-03	3.56E-03	3.36E-03	1.20E-06	3.63E-06	2.10E-06	2.15E-06	1.95E-06	8.90E-07	8.40E-07	4.01E-08	9.70E-07	2.14E-07	2.92E-07	4.64E-07	8.17E-08	4.41E-07	2.50E-06
2705	490560	3859110	3.31E-03	3.39E-03	3.20E-03	1.15E-06	3.46E-06	2.00E-06	2.05E-06	1.86E-06	8.48E-07	8.00E-07	3.82E-08	9.24E-07	2.04E-07	2.78E-07	4.42E-07	7.78E-08	4.20E-07	2.38E-06
2706	490610	3859110	3.15E-03	3.22E-03	3.04E-03	1.09E-06	3.29E-06	1.90E-06	1.95E-06	1.77E-06	8.07E-07	7.61E-07	3.64E-08	8.79E-07	1.94E-07	2.65E-07	4.20E-07	7.40E-08	3.99E-07	2.27E-06
2707	490660	3859110	2.99E-03	3.06E-03	2.89E-03	1.03E-06	3.12E-06	1.81E-06	1.85E-06	1.68E-06	7.66E-07	7.22E-07	3.45E-08	8.34E-07	1.84E-07	2.51E-07	3.99E-07	7.03E-08	3.79E-07	2.15E-06
2708	490710	3859110	2.88E-03	2.95E-03	2.78E-03	9.96E-07	3.01E-06	1.74E-06	1.78E-06	1.62E-06	7.37E-07	6.96E-07	3.33E-08	8.03E-07	1.77E-07	2.42E-07	3.84E-07	6.77E-08	3.65E-07	2.07E-06
2709	490760	3859110	2.76E-03	2.82E-03	2.66E-03	9.54E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	7.06E-07	6.66E-07	3.19E-08	7.69E-07	1.70E-07	2.32E-07	3.68E-07	6.48E-08	3.50E-07	1.99E-06
2710	490810	3859110	2.63E-03	2.70E-03	2.54E-03	9.11E-07	2.75E-06	1.59E-06	1.63E-06	1.48E-06	6.75E-07	6.36E-07	3.04E-08	7.35E-07	1.62E-07	2.21E-07	3.51E-07	6.19E-08	3.34E-07	1.90E-06
2711	490860	3859110	2.52E-03	2.58E-03	2.43E-03	8.72E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.45E-07	6.09E-07	2.91E-08	7.03E-07	1.55E-07	2.12E-07	3.36E-07	5.92E-08	3.20E-07	1.81E-06
2712	490360	3859160	4.47E-03	4.58E-03	4.32E-03	1.55E-06	4.67E-06	2.70E-06	2.77E-06	2.51E-06	1.15E-06	1.08E-06	5.17E-08	1.25E-06	2.75E-07	3.76E-07	5.97E-07	1.05E-07	5.67E-07	3.22E-06
2713	490410	3859160	4.19E-03	4.29E-03	4.05E-03	1.45E-06	4.38E-06	2.53E-06	2.60E-06	2.35E-06	1.07E-06	1.01E-06	4.84E-08	1.17E-06	2.58E-07	3.52E-07	5.59E-07	9.85E-08	5.32E-07	3.02E-06
2714	490460	3859160	3.95E-03	4.04E-03	3.81E-03	1.37E-06	4.12E-06	2.39E-06	2.44E-06	2.22E-06	1.01E-06	9.54E-07	4.56E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.28E-08	5.01E-07	2.84E-06
2715	490510	3859160	3.72E-03	3.81E-03	3.59E-03	1.29E-06	3.89E-06	2.25E-06	2.30E-06	2.09E-06	9.53E-07	8.99E-07	4.30E-08	1.04E-06	2.29E-07	3.13E-07	4.96E-07	8.75E-08	4.72E-07	2.68E-06
2716	490560	3859160	3.49E-03	3.57E-03	3.37E-03	1.21E-06	3.65E-06	2.11E-06	2.16E-06	1.96E-06	8.94E-07	8.43E-07	4.03E-08	9.74E-07	2.15E-07	2.93E-07	4.66E-07	8.20E-08	4.43E-07	2.51E-06
2717	490610	3859160	3.32E-03	3.40E-03	3.21E-03	1.15E-06	3.47E-06	2.01E-06	2.06E-06	1.87E-06	8.52E-07	8.03E-07	3.84E-08	9.28E-07	2.05E-07	2.80E-07	4.43E-07	7.82E-08	4.22E-07	2.39E-06
2718	490660	3859160	3.09E-03	3.16E-03	2.98E-03	1.07E-06	3.23E-06	1.87E-06	1.91E-06	1.73E-06	7.91E-07	7.46E-07	3.57E-08	8.62E-07	1.90E-07	2.60E-07	4.12E-07	7.26E-08	3.92E-07	2.22E-06
2719	490710	3859160	2.96E-03	3.03E-03	2.86E-03	1.03E-06	3.10E-06	1.79E-06	1.84E-06	1.66E-06	7.59E-07	7.16E-07	3.42E-08	8.27E-07	1.83E-07	2.49E-07	3.95E-07	6.97E-08	3.76E-07	2.13E-06
2720	490760	3859160	2.80E-03	2.87E-03	2.71E-03	9.70E-07	2.93E-06	1.69E-06	1.74E-06	1.57E-06	7.18E-07	6.77E-07	3.24E-08	7.82E-07	1.73E-07	2.36E-07	3.74E-07	6.59E-08	3.55E-07	2.02E-06
2721	490810	3859160	2.69E-03	2.76E-03	2.60E-03	9.33E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.91E-07	6.52E-07	3.12E-08	7.52E-07	1.66E-07	2.27E-07	3.60E-07	6.34E-08	3.42E-07	1.94E-06
2722	490860	3859160	2.59E-03	2.65E-03	2.50E-03	8.97E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.64E-07	6.26E-07	2.99E-08	7.23E-07	1.60E-07	2.18E-07	3.46E-07	6.09E-08	3.29E-07	1.87E-06
2723	490360	3859210	4.85E-03	4.96E-03	4.68E-03	1.68E-06	5.06E-06	2.93E-06	3.00E-06	2.72E-06	1.24E-06	1.17E-06	5.60E-08	1.35E-06	2.99E-07	4.08E-07	6.47E-07	1.14E-07	6.15E-07	3.49E-06
2724	490410	3859210	4.59E-03	4.70E-03	4.43E-03	1.59E-06	4.80E-06	2.78E-06	2.84E-06	2.58E-06	1.18E-06	1.11E-06	5.30E-08	1.28E-06	2.83E-07	3.86E-07	6.12E-07	1.08E-07	5.82E-07	3.31E-06
2725	490460	3859210	4.22E-03	4.33E-03	4.08E-03	1.46E-06	4.41E-06	2.56E-06	2.62E-06	2.37E-06	1.08E-06	1.02E-06	4.88E-08	1.18E-06	2.60E-07	3.55E-07	5.64E-07	9.94E-08	5.36E-07	3.04E-06
2726	490510	3859210	3.96E-03	4.05E-03	3.82E-03	1.37E-06	4.14E-06	2.39E-06	2.45E-06	2.22E-06	1.01E-06	9.57E-07	4.57E-08	1.10E-06	2.44E-07	3.33E-07	5.28E-07	9.31E-08	5.02E-07	2.85E-06
2727	490560	3859210	3.75E-03	3.85E-03	3.63E-03	1.30E-06	3.92E-06	2.27E-06	2.33E-06	2.11E-06	9.62E-07	9.08E-07	4.34E-08	1.05E-06	2.31E-07	3.16E-07	5.01E-07	8.83E-08	4.76E-07	2.70E-06
2728	490610	3859210	3.54E-03	3.62E-03	3.42E-03	1.22E-06	3.70E-06	2.14E-06	2.19E-06	1.99E-06	9.06E-07	8.55E-07	4.09E-08	9.87E-07	2.18E-07	2.98E-07	4.72E-07	8.32E-08	4.49E-07	2.55E-06
2729	490660	3859210	3.29E-03	3.36E-03	3.17E-03	1.14E-06	3.43E-06	1.99E-06	2.04E-06	1.85E-06	8.42E-07	7.94E-07	3.80E-08	9.17E-07	2.02E-07	2.76E-07	4.39E-07	7.73E-08	4.17E-07	2.37E-06
2730	490710	3859210	3.12E-03	3.19E-03	3.01E-03	1.08E-06	3.26E-06	1.89E-06	1.93E-06	1.75E-06	7.99E-07	7.54E-07	3.60E-08	8.70E-07	1.92E-07	2.62E-07	4.16E-07	7.33E-08	3.96E-07	2.25E-06
2731	490760	3859210	2.95E-03	3.02E-03	2.85E-03	1.02E-06	3.08E-06	1.78E-06	1.83E-06	1.66E-06	7.56E-07	7.13E-07	3.41E-08	8.23E-07	1.82E-07	2.48E-07	3.94E-07	6.94E-08	3.74E-07	2.12E-06
2732	490810	3859210	2.87E-03	2.94E-03	2.77E-03	9.92E-07	3.00E-06	1.73E-06	1.78E-06	1.61E-06	7.35E-07	6.93E-07	3.31E-08	8.00E-07	1.77E-07	2.41E-07	3.83E-07	6.74E-08	3.64E-07	2.06E-06
2733	490860	3859210	2.78E-03	2.85E-03	2.69E-03	9.64E-07	2.91E-06	1.69E-06	1.73E-06	1.56E-06	7.14E-07	6.73E-07	3.22E-08	7.78E-07	1.72E-07	2.34E-07	3.72E-07	6.55E-08	3.53E-07	2.01E-06
2734	490360	3859260	5.27E-03	5.39E-03	5.09E-03	1.82E-06	5.51E-06	3.19E-06	3.26E-06	2.96E-06	1.35E-06	1.27E-06	6.09E-08	1.47E-06	3.25E-07	4.43E-07	7.03E-07	1.24E-07	6.68E-07	3.79E-06
2735	490410	3859260	4.94E-03	5.06E-03	4.77E-03	1.71E-06	5.16E-06	2.99E-06	3.06E-06	2.77E-06	1.27E-06	1.19E-06	5.71E-08	1.38E-06	3.04E-07	4.15E-07	6.59E-07	1.16E-07	6.26E-07	3.56E-06
2736	490460	3859260	4.67E-03	4.78E-03	4.51E-03	1.61E-06	4.88E-06	2.82E-06	2.89E-06	2.62E-06	1.20E-06	1.13E-06	5.39E-08	1.30E-06	2.87E-07	3.93E-07	6.23E-07	1.10E-07	5.92E-07	3.36E-06
2737	490510	3859260	4.41E-03	4.52E-03	4.26E-03	1.53E-06	4.61E-06	2.67E-06	2.73E-06	2.48E-06	1.13E-06	1.07E-06	5.10E-08	1.23E-06	2.72E-07	3.71E-07	5.89E-07	1.04E-07	5.60E-07	3.18E-06

2738	490560	3859260	4.13E-03	4.23E-03	3.99E-03	1.43E-06	4.32E-06	2.50E-06	2.56E-06	2.32E-06	1.06E-06	9.99E-07	4.78E-08	1.15E-06	2.55E-07	3.48E-07	5.51E-07	9.72E-08	5.24E-07	2.98E-06
2739	490610	3859260	3.82E-03	3.92E-03	3.69E-03	1.32E-06	4.00E-06	2.31E-06	2.37E-06	2.15E-06	9.80E-07	9.24E-07	4.42E-08	1.07E-06	2.36E-07	3.22E-07	5.10E-07	8.99E-08	4.85E-07	2.75E-06
2740	490660	3859260	3.68E-03	3.77E-03	3.56E-03	1.27E-06	3.85E-06	2.23E-06	2.28E-06	2.07E-06	9.44E-07	8.90E-07	4.25E-08	1.03E-06	2.27E-07	3.10E-07	4.91E-07	8.66E-08	4.67E-07	2.65E-06
2741	490710	3859260	3.49E-03	3.57E-03	3.37E-03	1.21E-06	3.64E-06	2.11E-06	2.16E-06	1.96E-06	8.94E-07	8.43E-07	4.03E-08	9.73E-07	2.15E-07	2.93E-07	4.65E-07	8.20E-08	4.42E-07	2.51E-06
2742	490760	3859260	3.27E-03	3.35E-03	3.16E-03	1.13E-06	3.42E-06	1.98E-06	2.03E-06	1.84E-06	8.38E-07	7.90E-07	3.78E-08	9.12E-07	2.01E-07	2.75E-07	4.36E-07	7.69E-08	4.15E-07	2.35E-06
2743	490810	3859260	3.15E-03	3.23E-03	3.04E-03	1.09E-06	3.29E-06	1.91E-06	1.95E-06	1.77E-06	8.08E-07	7.62E-07	3.64E-08	8.80E-07	1.94E-07	2.65E-07	4.21E-07	7.41E-08	4.00E-07	2.27E-06
2744	490860	3859260	3.04E-03	3.12E-03	2.94E-03	1.05E-06	3.18E-06	1.84E-06	1.89E-06	1.71E-06	7.80E-07	7.36E-07	3.52E-08	8.50E-07	1.88E-07	2.56E-07	4.06E-07	7.16E-08	3.86E-07	2.19E-06
2745	490360	3859310	5.90E-03	6.04E-03	5.70E-03	2.04E-06	6.16E-06	3.57E-06	3.65E-06	3.31E-06	1.51E-06	1.43E-06	6.82E-08	1.65E-06	3.63E-07	4.96E-07	7.87E-07	1.39E-07	7.48E-07	4.25E-06
2746	490410	3859310	5.49E-03	5.62E-03	5.31E-03	1.90E-06	5.74E-06	3.32E-06	3.40E-06	3.09E-06	1.41E-06	1.33E-06	6.35E-08	1.53E-06	3.38E-07	4.62E-07	7.33E-07	1.29E-07	6.97E-07	3.96E-06
2747	490460	3859310	5.15E-03	5.27E-03	4.97E-03	1.78E-06	5.38E-06	3.12E-06	3.19E-06	2.89E-06	1.32E-06	1.25E-06	5.95E-08	1.44E-06	3.17E-07	4.33E-07	6.87E-07	1.21E-07	6.53E-07	3.71E-06
2748	490510	3859310	4.87E-03	4.99E-03	4.71E-03	1.69E-06	5.10E-06	2.95E-06	3.02E-06	2.74E-06	1.25E-06	1.18E-06	5.63E-08	1.36E-06	3.00E-07	4.10E-07	6.51E-07	1.15E-07	6.19E-07	3.51E-06
2749	490560	3859310	4.61E-03	4.72E-03	4.45E-03	1.60E-06	4.82E-06	2.79E-06	2.86E-06	2.59E-06	1.18E-06	1.11E-06	5.33E-08	1.29E-06	2.84E-07	3.88E-07	6.15E-07	1.08E-07	5.85E-07	3.32E-06
2750	490610	3859310	4.38E-03	4.49E-03	4.23E-03	1.52E-06	4.58E-06	2.65E-06	2.72E-06	2.46E-06	1.12E-06	1.06E-06	5.07E-08	1.22E-06	2.70E-07	3.69E-07	5.85E-07	1.03E-07	5.56E-07	3.16E-06
2751	490660	3859310	4.14E-03	4.24E-03	4.00E-03	1.43E-06	4.33E-06	2.51E-06	2.57E-06	2.33E-06	1.06E-06	1.00E-06	4.79E-08	1.16E-06	2.55E-07	3.49E-07	5.53E-07	9.75E-08	5.26E-07	2.99E-06
2752	490710	3859310	3.83E-03	3.93E-03	3.70E-03	1.33E-06	4.01E-06	2.32E-06	2.38E-06	2.15E-06	9.83E-07	9.27E-07	4.43E-08	1.07E-06	2.36E-07	3.23E-07	5.12E-07	9.02E-08	4.87E-07	2.76E-06
2753	490760	3859310	3.63E-03	3.72E-03	3.51E-03	1.26E-06	3.80E-06	2.20E-06	2.25E-06	2.04E-06	9.31E-07	8.78E-07	4.20E-08	1.01E-06	2.24E-07	3.06E-07	4.85E-07	8.54E-08	4.61E-07	2.62E-06
2754	490810	3859310	3.49E-03	3.57E-03	3.37E-03	1.21E-06	3.64E-06	2.11E-06	2.16E-06	1.96E-06	8.94E-07	8.43E-07	4.03E-08	9.73E-07	2.15E-07	2.93E-07	4.65E-07	8.20E-08	4.42E-07	2.51E-06
2755	490860	3859310	3.32E-03	3.40E-03	3.21E-03	1.15E-06	3.47E-06	2.01E-06	2.06E-06	1.87E-06	8.51E-07	8.03E-07	3.84E-08	9.27E-07	2.05E-07	2.79E-07	4.43E-07	7.81E-08	4.21E-07	2.39E-06
2756	490360	3859360	6.71E-03	6.87E-03	6.48E-03	2.32E-06	7.02E-06	4.06E-06	4.16E-06	3.77E-06	1.72E-06	1.62E-06	7.76E-08	1.87E-06	4.14E-07	5.65E-07	8.96E-07	1.58E-07	8.52E-07	4.84E-06
2757	490410	3859360	6.27E-03	6.42E-03	6.06E-03	2.17E-06	6.55E-06	3.79E-06	3.88E-06	3.52E-06	1.61E-06	1.52E-06	7.25E-08	1.75E-06	3.86E-07	5.27E-07	8.37E-07	1.47E-07	7.95E-07	4.52E-06
2758	490460	3859360	5.88E-03	6.03E-03	5.68E-03	2.04E-06	6.15E-06	3.56E-06	3.65E-06	3.31E-06	1.51E-06	1.42E-06	6.80E-08	1.64E-06	3.63E-07	4.95E-07	7.85E-07	1.38E-07	7.47E-07	4.24E-06
2759	490510	3859360	5.54E-03	5.67E-03	5.35E-03	1.92E-06	5.79E-06	3.35E-06	3.43E-06	3.11E-06	1.42E-06	1.34E-06	6.40E-08	1.55E-06	3.41E-07	4.66E-07	7.39E-07	1.30E-07	7.02E-07	3.99E-06
2760	490560	3859360	5.18E-03	5.30E-03	5.00E-03	1.79E-06	5.41E-06	3.13E-06	3.21E-06	2.91E-06	1.33E-06	1.25E-06	5.98E-08	1.45E-06	3.19E-07	4.36E-07	6.91E-07	1.22E-07	6.57E-07	3.73E-06
2761	490610	3859360	4.86E-03	4.97E-03	4.69E-03	1.68E-06	5.08E-06	2.94E-06	3.01E-06	2.73E-06	1.24E-06	1.17E-06	5.61E-08	1.36E-06	2.99E-07	4.09E-07	6.48E-07	1.14E-07	6.16E-07	3.50E-06
2762	490660	3859360	4.59E-03	4.70E-03	4.43E-03	1.59E-06	4.80E-06	2.78E-06	2.84E-06	2.58E-06	1.18E-06	1.11E-06	5.31E-08	1.28E-06	2.83E-07	3.86E-07	6.13E-07	1.08E-07	5.82E-07	3.31E-06
2763	490710	3859360	4.30E-03	4.40E-03	4.15E-03	1.49E-06	4.49E-06	2.60E-06	2.66E-06	2.41E-06	1.10E-06	1.04E-06	4.97E-08	1.20E-06	2.65E-07	3.62E-07	5.74E-07	1.01E-07	5.45E-07	3.10E-06
2764	490760	3859360	4.02E-03	4.12E-03	3.89E-03	1.39E-06	4.21E-06	2.44E-06	2.49E-06	2.26E-06	1.03E-06	9.73E-07	4.65E-08	1.12E-06	2.48E-07	3.39E-07	5.37E-07	9.47E-08	5.11E-07	2.90E-06
2765	490810	3859360	3.88E-03	3.97E-03	3.75E-03	1.34E-06	4.05E-06	2.35E-06	2.40E-06	2.18E-06	9.94E-07	9.38E-07	4.48E-08	1.08E-06	2.39E-07	3.26E-07	5.18E-07	9.12E-08	4.92E-07	2.79E-06
2766	490860	3859360	3.70E-03	3.79E-03	3.57E-03	1.28E-06	3.86E-06	2.24E-06	2.29E-06	2.08E-06	9.47E-07	8.94E-07	4.27E-08	1.03E-06	2.28E-07	3.11E-07	4.93E-07	8.69E-08	4.69E-07	2.66E-06
2767	490360	3859410	7.80E-03	7.98E-03	7.53E-03	2.70E-06	8.15E-06	4.72E-06	4.83E-06	4.38E-06	2.00E-06	1.88E-06	9.01E-08	2.18E-06	4.80E-07	6.56E-07	1.04E-06	1.83E-07	9.89E-07	5.62E-06
2768	490410	3859410	7.25E-03	7.43E-03	7.01E-03	2.51E-06	7.58E-06	4.39E-06	4.49E-06	4.07E-06	1.86E-06	1.75E-06	8.38E-08	2.02E-06	4.47E-07	6.10E-07	9.68E-07	1.71E-07	9.20E-07	5.22E-06
2769	490460	3859410	6.76E-03	6.93E-03	6.53E-03	2.34E-06	7.07E-06	4.09E-06	4.19E-06	3.80E-06	1.73E-06	1.64E-06	7.82E-08	1.89E-06	4.17E-07	5.69E-07	9.03E-07	1.59E-07	8.58E-07	4.87E-06
2770	490510	3859410	6.32E-03	6.48E-03	6.11E-03	2.19E-06	6.61E-06	3.83E-06	3.92E-06	3.55E-06	1.62E-06	1.53E-06	7.31E-08	1.77E-06	3.90E-07	5.32E-07	8.44E-07	1.49E-07	8.03E-07	4.56E-06
2771	490560	3859410	5.93E-03	6.07E-03	5.73E-03	2.05E-06	6.20E-06	3.59E-06	3.68E-06	3.33E-06	1.52E-06	1.43E-06	6.85E-08	1.66E-06	3.65E-07	4.99E-07	7.92E-07	1.40E-07	7.53E-07	4.27E-06
2772	490610	3859410	5.57E-03	5.71E-03	5.38E-03	1.93E-06	5.82E-06	3.37E-06	3.45E-06	3.13E-06	1.43E-06	1.35E-06	6.44E-08	1.56E-06	3.43E-07	4.69E-07	7.44E-07	1.31E-07	7.07E-07	4.01E-06
2773	490660	3859410	5.18E-03	5.30E-03	5.00E-03	1.79E-06	5.41E-06	3.13E-06	3.21E-06	2.91E-06	1.33E-06	1.25E-06	5.98E-08	1.45E-06	3.19E-07	4.36E-07	6.91E-07	1.22E-07	6.57E-07	3.73E-06
2774	490710	3859410	4.84E-03	4.96E-03	4.68E-03	1.68E-06	5.06E-06	2.93E-06	3.00E-06	2.72E-06	1.24E-06	1.17E-06	5.60E-08	1.35E-06	2.98E-07	4.08E-07	6.47E-07	1.14E-07	6.15E-07	3.49E-06
2775	490760	3859410	4.51E-03	4.61E-03	4.35E-03	1.56E-06	4.71E-06	2.73E-06	2.79E-06	2.53E-06	1.16E-06	1.09E-06	5.21E-08	1.26E-06	2.78E-07	3.79E-07	6.01E-07	1.06E-07	5.72E-07	3.25E-06
2776	490810	3859410	4.32E-03	4.43E-03	4.17E-03	1.50E-06	4.52E-06	2.61E-06	2.68E-06	2.43E-06	1.11E-06	1.04E-06	5.00E-08	1.21E-06	2.66E-07	3.64E-07	5.77E-07	1.02E-07	5.48E-07	3.11E-06
2777	490860	3859410	4.17E-03	4.27E-03	4.03E-03	1.44E-06	4.36E-06	2.52E-06	2.59E-06	2.34E-06	1.07E-06	1.01E-06	4.82E-08	1.16E-06	2.57E-07	3.51E-07	5.57E-07	9.82E-08	5.29E-07	3.01E-06
2778	490360	3859460	9.31E-03	9.54E-03	9.00E-03	3.22E-06	9.73E-06	5.63E-06	5.77E-06	5.23E-06	2.39E-06	2.25E-06	1.08E-07	2.60E-06	5.74E-07	7.84E-07	1.24E-06	2.19E-07	1.18E-06	6.71E-06
2779	490410	3859460	8.53E-03	8.73E-03	8.24E-03	2.95E-06	8.91E-06	5.16E-06	5.28E-06	4.79E-06	2.19E-06	2.06E-06	9.86E-08	2.38E-06	5.25E-07	7.17E-07	1.14E-06	2.01E-07	1.08E-06	6.14E-06
2780	490460	3859460	7.90E-03	8.09E-03	7.63E-03	2.74E-06	8.26E-06	4.78E-06	4.90E-06	4.44E-06	2.03E-06	1.91E-06	9.13E-08	2.21E-06	4.87E-07	6.65E-07	1.05E-06	1.86E-07	1.00E-06	5.69E-06
2781	490510	3859460	7.34E-03	7.52E-03	7.09E-03	2.54E-06	7.67E-06	4.44E-06	4.55E-06	4.12E-06	1.88E-06	1.77E-06	8.49E-08	2.05E-06	4.52E-07	6.18E-07	9.80E-07	1.73E-07	9.32E-07	5.29E-06
2782	490560	3859460	6.85E-03	7.02E-03	6.62E-03	2.37E-06	7.16E-06	4.15E-06	4.25E-06	3.85E-06	1.76E-06	1.66E-06	7.92E-08	1.91E-06	4.22E-07	5.76E-07	9.14E-07	1.61E-07	8.69E-07	4.94E-06
2783	490610	3859460	6.38E-03	6.54E-03	6.17E-03	2.21E-06	6.67E-06	3.86E-06	3.96E-06	3.59E-06	1.64E-06	1.54E-06	7.38E-08	1.78E-06	3.93E-07	5.37E-07	8.52E-07	1.50E-07	8.10E-07	4.60E-06
2784	490660	3859460	5.95E-03	6.09E-03	5.74E-03	2.06E-06	6.22E-06	3.60E-06	3.69E-06	3.34E-06	1.52E-06	1.44E-06	6.87E-08	1.66E-06	3.66E-07	5.00E-07	7.94E-07	1.40E-07	7.55E-07	4.28E-06
2785	490710	3859460	5.59E-03	5.72E-03	5.40E-03	1.93E-06	5.84E-06	3.38E-06	3.46E-06	3.14E-06	1.43E-06	1.35E-06	6.46E-08	1.56E-06	3.44E-07	4.70E-07	7.46E-07	1.31E-07	7.09E-07	4.02E-06
2786	490760	3859460	5.24E-03	5.36E-03	5.06E-03	1.81E-06	5.47E-06	3.17E-06	3.25E-06	2.94E-06	1.34E-06	1.27E-06	6.05E-08	1.46E-06	3.23E-07	4.41E-07	6.99E-07	1.23E-07	6.65E-07	3.77E-06
2787	490810	3859460	4.92E-03	5.04E-03	4.76E-03	1.70E-06	5.15E-06	2.98E-06	3.05E-06	2.77E-06	1.26E-06	1.19E-06	5.69E-08	1.37E-06	3.03E-07	4.14E-07	6.57E-07	1.16E-07	6.25E-07	3.55E-06
2788	490860	3859460	4.71E-03	4.83E-03	4.55E-03	1.63E-06	4.92E-06	2.85E-06	2.92E-06	2.65E-06	1.21E-06	1.14E-06	5.45E-08	1.32E-06	2.90E-07	3.96E-07	6.29E-07	1.11E-07	5.98E-07	3.39E-06
2789	490360	3859510	1.16E-02	1.19E-02	1.12E-02	4.02E-06	1.22E-05	7.04E-06	7.21E-06	6.53E-06	2.98E-06	2.81E-06	1.34E-07	3.25E-06	7.16E-07	9.78E-07	1.55E-06	2.74E-07	1.48E-06	8.38E-06
2790	490410	3859510	1.05E-02	1.08E-02	1.02E-02	3.64E-06	1.10E-05	6.37E-06	6.52E-06	5.91E-06	2.70E-06	2.54E-06	1.22E-07	2.94E-06	6.48E-07	8.85E-07	1.40E-06	2.48E-07	1.34E-06	7.58E-06
2791	490460	3859510	9.56E-03	9.79E-03	9.24E-03	3.31E-06	9.99E-06	5.78E-06	5.93E-06	5.37E-06	2.45E-06	2.31E-06	1.11E-07	2.67E-06	5.89E-07	8.04E-07	1.28E-06	2.25E-07	1.21E-06	6.89E-06
2792	490510	3859510	8.78E-03	9.00E-03	8.49E-03	3.04E-06	9.18E-06	5.31E-06	5.44E-06	4.93E-06	2.25E-06	2.12E-06	1.02E-07	2.45E-06	5.41E-07	7.39E-07	1.17E-06	2.07E-07	1.11E-06	6.33E-06
2793	490560	3859510	8.11E-03	8.31E-03	7.84E-03	2.81E-06	8.48E-06	4.91E-06	5.03E-06	4.56E-06	2.08E-06	1.96E-06	9.37E-08	2.26E-06	5.00E-07	6.82E-07	1.08E-06	1.91E-07	1.03E-06	5.84E-06

2794	490610	3859510	7.49E-03	7.68E-03	7.24E-03	2.59E-06	7.83E-06	4.53E-06	4.64E-06	4.21E-06	1.92E-06	1.81E-06	8.66E-08	2.09E-06	4.62E-07	6.31E-07	1.00E-06	1.76E-07	9.51E-07	5.40E-06
2795	490660	3859510	6.95E-03	7.12E-03	6.72E-03	2.41E-06	7.27E-06	4.21E-06	4.31E-06	3.91E-06	1.78E-06	1.68E-06	8.04E-08	1.94E-06	4.28E-07	5.85E-07	9.28E-07	1.64E-07	8.82E-07	5.01E-06
2796	490710	3859510	6.46E-03	6.62E-03	6.24E-03	2.24E-06	6.75E-06	3.91E-06	4.00E-06	3.63E-06	1.66E-06	1.56E-06	7.47E-08	1.80E-06	3.98E-07	5.44E-07	8.62E-07	1.52E-07	8.20E-07	4.65E-06
2797	490760	3859510	6.03E-03	6.18E-03	5.83E-03	2.09E-06	6.31E-06	3.65E-06	3.74E-06	3.39E-06	1.55E-06	1.46E-06	6.98E-08	1.69E-06	3.72E-07	5.08E-07	8.06E-07	1.42E-07	7.66E-07	4.35E-06
2798	490810	3859510	5.68E-03	5.82E-03	5.49E-03	1.97E-06	5.94E-06	3.44E-06	3.52E-06	3.19E-06	1.46E-06	1.37E-06	6.57E-08	1.59E-06	3.50E-07	4.78E-07	7.59E-07	1.34E-07	7.21E-07	4.09E-06
2799	490860	3859510	5.35E-03	5.48E-03	5.17E-03	1.85E-06	5.59E-06	3.24E-06	3.31E-06	3.00E-06	1.37E-06	1.29E-06	6.18E-08	1.49E-06	3.29E-07	4.50E-07	7.14E-07	1.26E-07	6.79E-07	3.85E-06
2800	490360	3859560	1.54E-02	1.58E-02	1.49E-02	5.34E-06	1.61E-05	9.34E-06	9.57E-06	8.67E-06	3.96E-06	3.73E-06	1.78E-07	4.31E-06	9.51E-07	1.30E-06	2.06E-06	3.63E-07	1.96E-06	1.11E-05
2801	490410	3859560	1.37E-02	1.40E-02	1.32E-02	4.74E-06	1.43E-05	8.28E-06	8.48E-06	7.69E-06	3.51E-06	3.31E-06	1.58E-07	3.82E-06	8.43E-07	1.15E-06	1.83E-06	3.22E-07	1.74E-06	9.86E-06
2802	490460	3859560	1.22E-02	1.25E-02	1.18E-02	4.23E-06	1.28E-05	7.39E-06	7.57E-06	6.86E-06	3.13E-06	2.95E-06	1.41E-07	3.41E-06	7.53E-07	1.03E-06	1.63E-06	2.87E-07	1.55E-06	8.80E-06
2803	490510	3859560	1.09E-02	1.12E-02	1.05E-02	3.78E-06	1.14E-05	6.60E-06	6.76E-06	6.13E-06	2.80E-06	2.64E-06	1.26E-07	3.05E-06	6.72E-07	9.18E-07	1.46E-06	2.57E-07	1.38E-06	7.86E-06
2804	490560	3859560	9.94E-03	1.02E-02	9.60E-03	3.44E-06	1.04E-05	6.01E-06	6.16E-06	5.58E-06	2.55E-06	2.40E-06	1.15E-07	2.78E-06	6.12E-07	8.36E-07	1.33E-06	2.34E-07	1.26E-06	7.16E-06
2805	490610	3859560	9.07E-03	9.29E-03	8.76E-03	3.14E-06	9.48E-06	5.49E-06	5.62E-06	5.10E-06	2.33E-06	2.19E-06	1.05E-07	2.53E-06	5.59E-07	7.63E-07	1.21E-06	2.13E-07	1.15E-06	6.53E-06
2806	490660	3859560	8.33E-03	8.53E-03	8.04E-03	2.88E-06	8.70E-06	5.04E-06	5.16E-06	4.68E-06	2.13E-06	2.01E-06	9.63E-08	2.33E-06	5.13E-07	7.01E-07	1.11E-06	1.96E-07	1.06E-06	6.00E-06
2807	490710	3859560	7.66E-03	7.85E-03	7.40E-03	2.65E-06	8.01E-06	4.64E-06	4.75E-06	4.30E-06	1.96E-06	1.85E-06	8.86E-08	2.14E-06	4.72E-07	6.45E-07	1.02E-06	1.80E-07	9.72E-07	5.52E-06
2808	490760	3859560	7.04E-03	7.21E-03	6.80E-03	2.44E-06	7.36E-06	4.26E-06	4.36E-06	3.96E-06	1.80E-06	1.70E-06	8.14E-08	1.97E-06	4.34E-07	5.92E-07	9.40E-07	1.66E-07	8.94E-07	5.07E-06
2809	490810	3859560	6.54E-03	6.70E-03	6.32E-03	2.26E-06	6.84E-06	3.96E-06	4.05E-06	3.68E-06	1.68E-06	1.58E-06	7.56E-08	1.83E-06	4.03E-07	5.50E-07	8.73E-07	1.54E-07	8.30E-07	4.71E-06
2810	490860	3859560	6.09E-03	6.24E-03	5.89E-03	2.11E-06	6.37E-06	3.69E-06	3.78E-06	3.42E-06	1.56E-06	1.47E-06	7.04E-08	1.70E-06	3.75E-07	5.13E-07	8.13E-07	1.43E-07	7.73E-07	4.39E-06
2811	490187.3	3859422.1	1.11E-02	1.14E-02	1.07E-02	3.85E-06	1.16E-05	6.73E-06	6.89E-06	6.24E-06	2.85E-06	2.69E-06	1.28E-07	3.10E-06	6.85E-07	9.35E-07	1.48E-06	2.62E-07	1.41E-06	8.01E-06
2812	490237.3	3859422.1	1.01E-02	1.03E-02	9.72E-03	3.48E-06	1.05E-05	6.09E-06	6.24E-06	5.65E-06	2.58E-06	2.43E-06	1.16E-07	2.81E-06	6.20E-07	8.47E-07	1.34E-06	2.37E-07	1.28E-06	7.25E-06
2813	490287.3	3859422.1	9.18E-03	9.40E-03	8.87E-03	3.18E-06	9.59E-06	5.55E-06	5.69E-06	5.16E-06	2.35E-06	2.22E-06	1.06E-07	2.56E-06	5.66E-07	7.72E-07	1.23E-06	2.16E-07	1.16E-06	6.61E-06
2814	490337.3	3859422.1	8.40E-03	8.61E-03	8.12E-03	2.91E-06	8.78E-06	5.08E-06	5.21E-06	4.72E-06	2.15E-06	2.03E-06	9.71E-08	2.35E-06	5.18E-07	7.07E-07	1.12E-06	1.98E-07	1.07E-06	6.05E-06
2815	490187.3	3859472.1	1.40E-02	1.43E-02	1.35E-02	4.84E-06	1.46E-05	8.46E-06	8.67E-06	7.86E-06	3.58E-06	3.38E-06	1.62E-07	3.90E-06	8.62E-07	1.18E-06	1.87E-06	3.29E-07	1.77E-06	1.01E-05
2816	490237.3	3859472.1	1.25E-02	1.28E-02	1.21E-02	4.32E-06	1.30E-05	7.55E-06	7.73E-06	7.01E-06	3.20E-06	3.02E-06	1.44E-07	3.48E-06	7.69E-07	1.05E-06	1.67E-06	2.93E-07	1.58E-06	8.99E-06
2817	490287.3	3859472.1	1.12E-02	1.15E-02	1.08E-02	3.88E-06	1.17E-05	6.78E-06	6.94E-06	6.29E-06	2.87E-06	2.71E-06	1.29E-07	3.13E-06	6.90E-07	9.43E-07	1.50E-06	2.64E-07	1.42E-06	8.07E-06
2818	490337.3	3859472.1	1.02E-02	1.04E-02	9.84E-03	3.53E-06	1.07E-05	6.17E-06	6.31E-06	5.72E-06	2.61E-06	2.46E-06	1.18E-07	2.85E-06	6.28E-07	8.57E-07	1.36E-06	2.40E-07	1.29E-06	7.34E-06
2819	490297.1	3859500.4	1.26E-02	1.29E-02	1.22E-02	4.36E-06	1.32E-05	7.63E-06	7.81E-06	7.08E-06	3.23E-06	3.05E-06	1.46E-07	3.52E-06	7.77E-07	1.06E-06	1.68E-06	2.97E-07	1.60E-06	9.08E-06
2820	490327.1	3859500.4	1.19E-02	1.22E-02	1.15E-02	4.11E-06	1.24E-05	7.19E-06	7.36E-06	6.67E-06	3.05E-06	2.87E-06	1.37E-07	3.32E-06	7.32E-07	1.00E-06	1.59E-06	2.79E-07	1.51E-06	8.56E-06
2821	490297.1	3859530.4	1.50E-02	1.54E-02	1.45E-02	5.19E-06	1.57E-05	9.07E-06	9.29E-06	8.42E-06	3.84E-06	3.62E-06	1.73E-07	4.19E-06	9.24E-07	1.26E-06	2.00E-06	3.53E-07	1.90E-06	1.08E-05
2822	490327.1	3859530.4	1.39E-02	1.43E-02	1.35E-02	4.83E-06	1.46E-05	8.44E-06	8.64E-06	7.84E-06	3.58E-06	3.37E-06	1.61E-07	3.89E-06	8.59E-07	1.17E-06	1.86E-06	3.28E-07	1.77E-06	1.00E-05
2823	490319.7	3859055.3	4.07E-03	4.17E-03	3.93E-03	1.41E-06	4.25E-06	2.46E-06	2.52E-06	2.29E-06	1.04E-06	9.83E-07	4.70E-08	1.14E-06	2.51E-07	3.42E-07	5.43E-07	9.57E-08	5.16E-07	2.93E-06
2824	490319.7	3859105.3	4.33E-03	4.44E-03	4.18E-03	1.50E-06	4.53E-06	2.62E-06	2.68E-06	2.43E-06	1.11E-06	1.05E-06	5.01E-08	1.21E-06	2.67E-07	3.64E-07	5.78E-07	1.02E-07	5.49E-07	3.12E-06
2825	490069.7	3859155.3	6.14E-03	6.29E-03	5.93E-03	2.13E-06	6.42E-06	3.72E-06	3.81E-06	3.45E-06	1.57E-06	1.48E-06	7.10E-08	1.71E-06	3.78E-07	5.17E-07	8.20E-07	1.44E-07	7.79E-07	4.42E-06
2826	490119.7	3859155.3	5.80E-03	5.94E-03	5.60E-03	2.01E-06	6.06E-06	3.51E-06	3.59E-06	3.26E-06	1.49E-06	1.40E-06	6.70E-08	1.62E-06	3.57E-07	4.88E-07	7.74E-07	1.36E-07	7.36E-07	4.18E-06
2827	490269.7	3859155.3	4.96E-03	5.08E-03	4.79E-03	1.72E-06	5.18E-06	3.00E-06	3.07E-06	2.79E-06	1.27E-06	1.20E-06	5.73E-08	1.39E-06	3.06E-07	4.17E-07	6.62E-07	1.17E-07	6.29E-07	3.57E-06
2828	490319.7	3859155.3	4.67E-03	4.78E-03	4.51E-03	1.62E-06	4.88E-06	2.83E-06	2.89E-06	2.62E-06	1.20E-06	1.13E-06	5.40E-08	1.30E-06	2.88E-07	3.93E-07	6.23E-07	1.10E-07	5.93E-07	3.37E-06
2829	490069.7	3859205.3	6.90E-03	7.07E-03	6.67E-03	2.39E-06	7.22E-06	4.18E-06	4.28E-06	3.88E-06	1.77E-06	1.67E-06	7.98E-08	1.93E-06	4.25E-07	5.81E-07	9.22E-07	1.62E-07	8.76E-07	4.97E-06
2830	490119.7	3859205.3	6.51E-03	6.67E-03	6.29E-03	2.26E-06	6.81E-06	3.94E-06	4.04E-06	3.66E-06	1.67E-06	1.58E-06	7.53E-08	1.82E-06	4.01E-07	5.48E-07	8.70E-07	1.53E-07	8.27E-07	4.69E-06
2831	490169.7	3859205.3	6.13E-03	6.28E-03	5.92E-03	2.12E-06	6.41E-06	3.71E-06	3.80E-06	3.44E-06	1.57E-06	1.48E-06	7.09E-08	1.71E-06	3.78E-07	5.16E-07	8.19E-07	1.44E-07	7.78E-07	4.42E-06
2832	490219.7	3859205.3	5.74E-03	5.88E-03	5.54E-03	1.99E-06	6.00E-06	3.47E-06	3.56E-06	3.22E-06	1.47E-06	1.39E-06	6.63E-08	1.60E-06	3.54E-07	4.83E-07	7.66E-07	1.35E-07	7.28E-07	4.13E-06
2833	490269.7	3859205.3	5.36E-03	5.49E-03	5.17E-03	1.85E-06	5.60E-06	3.24E-06	3.32E-06	3.01E-06	1.37E-06	1.30E-06	6.19E-08	1.50E-06	3.30E-07	4.51E-07	7.15E-07	1.26E-07	6.80E-07	3.86E-06
2834	490319.7	3859205.3	5.06E-03	5.18E-03	4.89E-03	1.75E-06	5.29E-06	3.06E-06	3.13E-06	2.84E-06	1.30E-06	1.22E-06	5.85E-08	1.41E-06	3.12E-07	4.26E-07	6.75E-07	1.19E-07	6.42E-07	3.64E-06
2835	490069.7	3859255.3	7.83E-03	8.02E-03	7.56E-03	2.71E-06	8.18E-06	4.74E-06	4.85E-06	4.40E-06	2.01E-06	1.89E-06	9.05E-08	2.19E-06	4.82E-07	6.59E-07	1.04E-06	1.84E-07	9.93E-07	5.64E-06
2836	490119.7	3859255.3	7.32E-03	7.49E-03	7.07E-03	2.53E-06	7.65E-06	4.43E-06	4.53E-06	4.11E-06	1.88E-06	1.77E-06	8.46E-08	2.04E-06	4.51E-07	6.16E-07	9.77E-07	1.72E-07	9.28E-07	5.27E-06
2837	490169.7	3859255.3	6.84E-03	7.01E-03	6.61E-03	2.37E-06	7.15E-06	4.14E-06	4.24E-06	3.84E-06	1.75E-06	1.65E-06	7.91E-08	1.91E-06	4.22E-07	5.76E-07	9.13E-07	1.61E-07	8.68E-07	4.93E-06
2838	490219.7	3859255.3	6.37E-03	6.52E-03	6.15E-03	2.21E-06	6.66E-06	3.85E-06	3.95E-06	3.58E-06	1.63E-06	1.54E-06	7.36E-08	1.78E-06	3.92E-07	5.36E-07	8.50E-07	1.50E-07	8.08E-07	4.59E-06
2839	490269.7	3859255.3	5.93E-03	6.08E-03	5.73E-03	2.05E-06	6.20E-06	3.59E-06	3.68E-06	3.33E-06	1.52E-06	1.43E-06	6.86E-08	1.66E-06	3.66E-07	4.99E-07	7.92E-07	1.40E-07	7.53E-07	4.28E-06
2840	490319.7	3859255.3	5.57E-03	5.70E-03	5.38E-03	1.93E-06	5.82E-06	3.37E-06	3.45E-06	3.13E-06	1.43E-06	1.35E-06	6.44E-08	1.56E-06	3.43E-07	4.69E-07	7.43E-07	1.31E-07	7.07E-07	4.01E-06
2841	490069.7	3859305.3	9.06E-03	9.28E-03	8.75E-03	3.14E-06	9.47E-06	5.48E-06	5.61E-06	5.09E-06	2.32E-06	2.19E-06	1.05E-07	2.53E-06	5.58E-07	7.62E-07	1.21E-06	2.13E-07	1.15E-06	6.53E-06
2842	490119.7	3859305.3	8.38E-03	8.59E-03	8.10E-03	2.90E-06	8.76E-06	5.07E-06	5.20E-06	4.71E-06	2.15E-06	2.03E-06	9.69E-08	2.34E-06	5.17E-07	7.05E-07	1.12E-06	1.97E-07	1.06E-06	6.04E-06
2843	490169.7	3859305.3	7.77E-03	7.96E-03	7.50E-03	2.69E-06	8.12E-06	4.70E-06	4.81E-06	4.36E-06	1.99E-06	1.88E-06	8.98E-08	2.17E-06	4.79E-07	6.54E-07	1.04E-06	1.83E-07	9.86E-07	5.60E-06
2844	490219.7	3859305.3	7.20E-03	7.37E-03	6.95E-03	2.49E-06	7.52E-06	4.36E-06	4.46E-06	4.04E-06	1.85E-06	1.74E-06	8.32E-08	2.01E-06	4.43E-07	6.06E-07	9.61E-07	1.69E-07	9.13E-07	5.19E-06
2845	490269.7	3859305.3	6.68E-03	6.84E-03	6.45E-03	2.31E-06	6.98E-06	4.04E-06	4.14E-06	3.75E-06	1.71E-06	1.62E-06	7.72E-08	1.87E-06	4.12E-07	5.62E-07	8.92E-07	1.57E-07	8.48E-07	4.81E-06
2846	490319.7	3859305.3	6.20E-03	6.35E-03	5.99E-03	2.15E-06	6.48E-06	3.75E-06	3.84E-06	3.48E-06	1.59E-06	1.50E-06	7.16E-08	1.73E-06	3.82E-07	5.21E-07	8.27E-07	1.46E-07	7.86E-07	4.46E-06
2847	490069.7	3859355.3	1.08E-02	1.11E-02	1.05E-02	3.75E-06	1.13E-05	6.56E-06	6.71E-06	6.09E-06	2.78E-06	2.62E-06	1.25E-07	3.03E-06	6.68E-07	9.12E-07	1.45E-06	2.55E-07	1.37E-06	7.81E-06
2848	490119.7	3859355.3	9.87E-03	1.01E-02	9.54E-03	3.42E-06	1.03E-05	5.97E-06	6.12E-06	5.55E-06	2.53E-06	2.39E-06	1.14E-07	2.76E-06	6.08E-07	8.31E-07	1.32E-06	2.32E-07	1.25E-06	7.11E-06
2849	490169.7	3859355.3	9.03E-03	9.25E-03	8.73E-03	3.13E-06	9.44E-06	5.47E-06	5.60E-06	5.08E-06	2.32E-06	2.18E-06	1.04E-07	2.52E-06	5.57E-07	7.60E-07	1.21E-06	2.13E-07	1.15E-06	6.51E-06

2850	490219.7	3859355.3	8.28E-03	8.48E-03	8.00E-03	2.87E-06	8.65E-06	5.01E-06	5.13E-06	4.65E-06	2.12E-06	2.00E-06	9.57E-08	2.31E-06	5.10E-07	6.97E-07	1.10E-06	1.95E-07	1.05E-06	5.96E-06
2851	490269.7	3859355.3	7.65E-03	7.83E-03	7.39E-03	2.65E-06	7.99E-06	4.63E-06	4.74E-06	4.29E-06	1.96E-06	1.85E-06	8.84E-08	2.13E-06	4.71E-07	6.43E-07	1.02E-06	1.80E-07	9.70E-07	5.51E-06
2852	490319.7	3859355.3	7.06E-03	7.23E-03	6.82E-03	2.44E-06	7.38E-06	4.27E-06	4.37E-06	3.96E-06	1.81E-06	1.71E-06	8.16E-08	1.97E-06	4.35E-07	5.94E-07	9.42E-07	1.66E-07	8.95E-07	5.08E-06
2853	490069.7	3859405.3	1.34E-02	1.38E-02	1.30E-02	4.65E-06	1.40E-05	8.13E-06	8.33E-06	7.55E-06	3.44E-06	3.25E-06	1.55E-07	3.75E-06	8.28E-07	1.13E-06	1.79E-06	3.16E-07	1.71E-06	9.68E-06
2854	490119.7	3859405.3	1.20E-02	1.23E-02	1.16E-02	4.14E-06	1.25E-05	7.24E-06	7.42E-06	6.73E-06	3.07E-06	2.90E-06	1.38E-07	3.34E-06	7.38E-07	1.01E-06	1.60E-06	2.82E-07	1.52E-06	8.63E-06
2855	490169.7	3859405.3	1.08E-02	1.10E-02	1.04E-02	3.73E-06	1.13E-05	6.52E-06	6.68E-06	6.05E-06	2.76E-06	2.61E-06	1.25E-07	3.01E-06	6.64E-07	9.07E-07	1.44E-06	2.54E-07	1.37E-06	7.76E-06
2856	490219.7	3859405.3	9.78E-03	1.00E-02	9.45E-03	3.39E-06	1.02E-05	5.92E-06	6.06E-06	5.50E-06	2.51E-06	2.37E-06	1.13E-07	2.73E-06	6.03E-07	8.23E-07	1.31E-06	2.30E-07	1.24E-06	7.05E-06
2857	490269.7	3859405.3	8.91E-03	9.13E-03	8.61E-03	3.08E-06	9.31E-06	5.39E-06	5.52E-06	5.01E-06	2.28E-06	2.15E-06	1.03E-07	2.49E-06	5.49E-07	7.50E-07	1.19E-06	2.10E-07	1.13E-06	6.42E-06
2858	490319.7	3859405.3	8.16E-03	8.36E-03	7.89E-03	2.83E-06	8.53E-06	4.94E-06	5.06E-06	4.59E-06	2.09E-06	1.97E-06	9.44E-08	2.28E-06	5.03E-07	6.87E-07	1.09E-06	1.92E-07	1.04E-06	5.88E-06
2859	490161.9	3859541.8	2.44E-02	2.50E-02	2.36E-02	8.46E-06	2.55E-05	1.48E-05	1.51E-05	1.37E-05	6.26E-06	5.91E-06	2.83E-07	6.82E-06	1.51E-06	2.06E-06	3.26E-06	5.75E-07	3.10E-06	1.76E-05
2860	490171.9	3859541.8	2.36E-02	2.41E-02	2.28E-02	8.16E-06	2.46E-05	1.43E-05	1.46E-05	1.32E-05	6.04E-06	5.70E-06	2.73E-07	6.58E-06	1.45E-06	1.98E-06	3.15E-06	5.55E-07	2.99E-06	1.70E-05
2861	490161.9	3859551.8	2.70E-02	2.76E-02	2.61E-02	9.34E-06	2.82E-05	1.63E-05	1.67E-05	1.52E-05	6.92E-06	6.53E-06	3.12E-07	7.54E-06	1.66E-06	2.27E-06	3.60E-06	6.35E-07	3.43E-06	1.94E-05
2862	490171.9	3859551.8	2.60E-02	2.66E-02	2.51E-02	8.99E-06	2.71E-05	1.57E-05	1.61E-05	1.46E-05	6.66E-06	6.28E-06	3.00E-07	7.25E-06	1.60E-06	2.18E-06	3.47E-06	6.11E-07	3.29E-06	1.87E-05
2863	489799.7	3859348.2	2.29E-02	2.35E-02	2.22E-02	7.94E-06	2.40E-05	1.39E-05	1.42E-05	1.29E-05	5.88E-06	5.54E-06	2.65E-07	6.40E-06	1.41E-06	1.93E-06	3.06E-06	5.39E-07	2.91E-06	1.65E-05
2864	489819.7	3859348.2	2.11E-02	2.16E-02	2.04E-02	7.30E-06	2.20E-05	1.28E-05	1.31E-05	1.18E-05	5.41E-06	5.10E-06	2.44E-07	5.89E-06	1.30E-06	1.77E-06	2.82E-06	4.96E-07	2.68E-06	1.52E-05
2865	489799.7	3859368.2	2.73E-02	2.79E-02	2.63E-02	9.44E-06	2.85E-05	1.65E-05	1.69E-05	1.53E-05	6.99E-06	6.59E-06	3.15E-07	7.61E-06	1.68E-06	2.29E-06	3.64E-06	6.41E-07	3.46E-06	1.96E-05
2866	489819.7	3859368.2	2.47E-02	2.53E-02	2.39E-02	8.55E-06	2.58E-05	1.50E-05	1.53E-05	1.39E-05	6.33E-06	5.97E-06	2.86E-07	6.90E-06	1.52E-06	2.08E-06	3.30E-06	5.81E-07	3.14E-06	1.78E-05
2867	489775.4	3859329.7	2.20E-02	2.26E-02	2.13E-02	7.63E-06	2.30E-05	1.33E-05	1.37E-05	1.24E-05	5.65E-06	5.33E-06	2.55E-07	6.16E-06	1.36E-06	1.86E-06	2.94E-06	5.19E-07	2.80E-06	1.59E-05
2868	489795.4	3859329.7	2.03E-02	2.08E-02	1.96E-02	7.04E-06	2.13E-05	1.23E-05	1.26E-05	1.14E-05	5.21E-06	4.92E-06	2.35E-07	5.68E-06	1.25E-06	1.71E-06	2.71E-06	4.78E-07	2.58E-06	1.46E-05
2869	489775.4	3859349.7	2.60E-02	2.66E-02	2.51E-02	9.00E-06	2.72E-05	1.57E-05	1.61E-05	1.46E-05	6.67E-06	6.29E-06	3.01E-07	7.26E-06	1.60E-06	2.19E-06	3.47E-06	6.12E-07	3.30E-06	1.87E-05
2870	489795.4	3859349.7	2.37E-02	2.42E-02	2.29E-02	8.19E-06	2.47E-05	1.43E-05	1.47E-05	1.33E-05	6.06E-06	5.72E-06	2.73E-07	6.61E-06	1.46E-06	1.99E-06	3.16E-06	5.57E-07	3.00E-06	1.70E-05
2871	489595.1	3859219.4	2.03E-02	2.08E-02	1.96E-02	7.02E-06	2.12E-05	1.23E-05	1.26E-05	1.14E-05	5.20E-06	4.91E-06	2.35E-07	5.66E-06	1.25E-06	1.71E-06	2.71E-06	4.77E-07	2.57E-06	1.46E-05
2872	489615.1	3859219.4	1.88E-02	1.92E-02	1.81E-02	6.50E-06	1.96E-05	1.14E-05	1.16E-05	1.06E-05	4.82E-06	4.54E-06	2.17E-07	5.25E-06	1.16E-06	1.58E-06	2.51E-06	4.42E-07	2.38E-06	1.35E-05
2873	489595.1	3859239.4	2.36E-02	2.42E-02	2.28E-02	8.18E-06	2.47E-05	1.43E-05	1.47E-05	1.33E-05	6.06E-06	5.72E-06	2.73E-07	6.60E-06	1.46E-06	1.99E-06	3.16E-06	5.56E-07	3.00E-06	1.70E-05
2874	489615.1	3859239.4	2.17E-02	2.22E-02	2.09E-02	7.50E-06	2.26E-05	1.31E-05	1.34E-05	1.22E-05	5.55E-06	5.24E-06	2.50E-07	6.05E-06	1.33E-06	1.82E-06	2.89E-06	5.09E-07	2.75E-06	1.56E-05
2875	489372.4	3859092.6	1.97E-02	2.02E-02	1.90E-02	6.82E-06	2.06E-05	1.19E-05	1.22E-05	1.11E-05	5.05E-06	4.76E-06	2.28E-07	5.50E-06	1.21E-06	1.66E-06	2.63E-06	4.63E-07	2.50E-06	1.42E-05
2876	489422.4	3859092.6	1.65E-02	1.69E-02	1.60E-02	5.72E-06	1.73E-05	1.00E-05	1.02E-05	9.29E-06	4.24E-06	4.00E-06	1.91E-07	4.62E-06	1.02E-06	1.39E-06	2.21E-06	3.89E-07	2.10E-06	1.19E-05
2877	489372.4	3859142.6	2.98E-02	3.05E-02	2.88E-02	1.03E-05	3.11E-05	1.80E-05	1.85E-05	1.67E-05	7.64E-06	7.20E-06	3.44E-07	8.32E-06	1.84E-06	2.51E-06	3.98E-06	7.01E-07	3.78E-06	2.15E-05
2878	489422.4	3859142.6	2.33E-02	2.39E-02	2.25E-02	8.06E-06	2.43E-05	1.41E-05	1.44E-05	1.31E-05	5.97E-06	5.63E-06	2.69E-07	6.50E-06	1.44E-06	1.96E-06	3.11E-06	5.48E-07	2.96E-06	1.68E-05
2879	488870.8	3858666.6	9.65E-03	9.89E-03	9.33E-03	3.34E-06	1.01E-05	5.84E-06	5.98E-06	5.42E-06	2.47E-06	2.33E-06	1.12E-07	2.70E-06	5.95E-07	8.12E-07	1.29E-06	2.27E-07	1.23E-06	6.95E-06
2880	488900.8	3858666.6	9.15E-03	9.37E-03	8.84E-03	3.17E-06	9.56E-06	5.53E-06	5.67E-06	5.14E-06	2.34E-06	2.21E-06	1.06E-07	2.55E-06	5.64E-07	7.70E-07	1.22E-06	2.15E-07	1.16E-06	6.59E-06
2881	488870.8	3858696.6	1.07E-02	1.10E-02	1.04E-02	3.72E-06	1.12E-05	6.50E-06	6.66E-06	6.04E-06	2.75E-06	2.60E-06	1.24E-07	3.00E-06	6.62E-07	9.04E-07	1.43E-06	2.53E-07	1.36E-06	7.74E-06
2882	488900.8	3858696.6	1.01E-02	1.04E-02	9.77E-03	3.50E-06	1.06E-05	6.12E-06	6.27E-06	5.68E-06	2.59E-06	2.45E-06	1.17E-07	2.82E-06	6.23E-07	8.51E-07	1.35E-06	2.38E-07	1.28E-06	7.29E-06
2883	488889.7	3858684	9.88E-03	1.01E-02	9.55E-03	3.42E-06	1.03E-05	5.98E-06	6.13E-06	5.55E-06	2.53E-06	2.39E-06	1.14E-07	2.76E-06	6.09E-07	8.32E-07	1.32E-06	2.33E-07	1.25E-06	7.12E-06
2884	488919.7	3858684	9.36E-03	9.58E-03	9.04E-03	3.24E-06	9.78E-06	5.66E-06	5.80E-06	5.26E-06	2.40E-06	2.26E-06	1.08E-07	2.61E-06	5.77E-07	7.87E-07	1.25E-06	2.20E-07	1.19E-06	6.74E-06
2885	488889.7	3858714	1.10E-02	1.13E-02	1.07E-02	3.82E-06	1.15E-05	6.68E-06	6.84E-06	6.20E-06	2.83E-06	2.67E-06	1.28E-07	3.08E-06	6.80E-07	9.29E-07	1.47E-06	2.60E-07	1.40E-06	7.95E-06
2886	488919.7	3858714	1.04E-02	1.06E-02	1.00E-02	3.59E-06	1.08E-05	6.28E-06	6.43E-06	5.83E-06	2.66E-06	2.51E-06	1.20E-07	2.90E-06	6.39E-07	8.73E-07	1.38E-06	2.44E-07	1.32E-06	7.47E-06
2887	488906.6	3858703.3	1.02E-02	1.05E-02	9.90E-03	3.55E-06	1.07E-05	6.20E-06	6.35E-06	5.76E-06	2.63E-06	2.48E-06	1.18E-07	2.86E-06	6.31E-07	8.62E-07	1.37E-06	2.41E-07	1.30E-06	7.38E-06
2888	488936.6	3858703.3	9.67E-03	9.90E-03	9.34E-03	3.35E-06	1.01E-05	5.85E-06	5.99E-06	5.43E-06	2.48E-06	2.34E-06	1.12E-07	2.70E-06	5.96E-07	8.14E-07	1.29E-06	2.27E-07	1.23E-06	6.97E-06
2889	488906.6	3858733.3	1.15E-02	1.17E-02	1.11E-02	3.97E-06	1.20E-05	6.94E-06	7.11E-06	6.44E-06	2.94E-06	2.77E-06	1.33E-07	3.20E-06	7.07E-07	9.65E-07	1.53E-06	2.70E-07	1.46E-06	8.26E-06
2890	488936.6	3858733.3	1.08E-02	1.10E-02	1.04E-02	3.72E-06	1.12E-05	6.51E-06	6.67E-06	6.04E-06	2.76E-06	2.60E-06	1.24E-07	3.00E-06	6.63E-07	9.05E-07	1.44E-06	2.53E-07	1.37E-06	7.75E-06
2891	488637.6	3858467.9	7.81E-03	7.99E-03	7.54E-03	2.70E-06	8.16E-06	4.72E-06	4.84E-06	4.39E-06	2.00E-06	1.89E-06	9.02E-08	2.18E-06	4.81E-07	6.57E-07	1.04E-06	1.84E-07	9.91E-07	5.62E-06
2892	488662.6	3858467.9	7.54E-03	7.72E-03	7.28E-03	2.61E-06	7.88E-06	4.56E-06	4.67E-06	4.23E-06	1.93E-06	1.82E-06	8.71E-08	2.10E-06	4.64E-07	6.34E-07	1.01E-06	1.77E-07	9.56E-07	5.43E-06
2893	488637.6	3858492.9	8.38E-03	8.58E-03	8.09E-03	2.90E-06	8.75E-06	5.07E-06	5.19E-06	4.71E-06	2.15E-06	2.03E-06	9.68E-08	2.34E-06	5.16E-07	7.05E-07	1.12E-06	1.97E-07	1.06E-06	6.03E-06
2894	488662.6	3858492.9	8.06E-03	8.25E-03	7.79E-03	2.79E-06	8.42E-06	4.88E-06	4.99E-06	4.53E-06	2.07E-06	1.95E-06	9.32E-08	2.25E-06	4.97E-07	6.78E-07	1.08E-06	1.90E-07	1.02E-06	5.81E-06
2895	488687.6	3858492.9	7.76E-03	7.95E-03	7.50E-03	2.69E-06	8.11E-06	4.70E-06	4.81E-06	4.36E-06	1.99E-06	1.88E-06	8.97E-08	2.17E-06	4.78E-07	6.53E-07	1.04E-06	1.83E-07	9.85E-07	5.59E-06
2896	488637.6	3858517.9	9.04E-03	9.26E-03	8.74E-03	3.13E-06	9.45E-06	5.47E-06	5.60E-06	5.08E-06	2.32E-06	2.19E-06	1.05E-07	2.52E-06	5.57E-07	7.61E-07	1.21E-06	2.13E-07	1.15E-06	6.51E-06
2897	488662.6	3858517.9	8.67E-03	8.88E-03	8.38E-03	3.00E-06	9.06E-06	5.25E-06	5.37E-06	4.87E-06	2.22E-06	2.10E-06	1.00E-07	2.42E-06	5.34E-07	7.29E-07	1.16E-06	2.04E-07	1.10E-06	6.25E-06
2898	488687.6	3858517.9	8.33E-03	8.53E-03	8.05E-03	2.88E-06	8.70E-06	5.04E-06	5.16E-06	4.68E-06	2.13E-06	2.01E-06	9.63E-08	2.33E-06	5.13E-07	7.01E-07	1.11E-06	1.96E-07	1.06E-06	6.00E-06
2899	488194.4	3857169	2.05E-03	2.10E-03	1.98E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.24E-07	4.95E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.81E-08	2.60E-07	1.47E-06
2900	488244.4	3857169	2.03E-03	2.08E-03	1.96E-03	7.04E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.21E-07	4.91E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.78E-08	2.58E-07	1.46E-06
2901	488294.4	3857169	2.01E-03	2.06E-03	1.94E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.16E-07	4.86E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.69E-07	4.73E-08	2.55E-07	1.45E-06
2902	488244.4	3857219	2.09E-03	2.14E-03	2.01E-03	7.22E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.35E-07	5.04E-07	2.41E-08	5.82E-07	1.28E-07	1.75E-07	2.78E-07	4.91E-08	2.65E-07	1.50E-06
2903	488294.4	3857219	2.07E-03	2.12E-03	2.00E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.30E-07	5.00E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.76E-07	4.86E-08	2.62E-07	1.49E-06
2904	488294.4	3857269	2.13E-03	2.18E-03	2.06E-03	7.37E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.46E-07	5.15E-07	2.46E-08	5.95E-07	1.31E-07	1.79E-07	2.84E-07	5.01E-08	2.70E-07	1.53E-06
2905	488139.1	3857111.7	2.01E-03	2.06E-03	1.94E-03	6.95E-07	2.10E-06	1.21E-06	1.24E-06	1.13E-06	5.15E-07	4.85E-07	2.32E-08	5.60E-07	1.24E-07	1.69E-07	2.68E-07	4.72E-08	2.55E-07	1.45E-06

2906	488189.1	3857111.7	2.00E-03	2.05E-03	1.93E-03	6.91E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.12E-07	4.83E-07	2.31E-08	5.58E-07	1.23E-07	1.68E-07	2.67E-07	4.70E-08	2.53E-07	1.44E-06
2907	488189.1	3857161.7	2.04E-03	2.09E-03	1.97E-03	7.07E-07	2.13E-06	1.24E-06	1.26E-06	1.15E-06	5.23E-07	4.94E-07	2.36E-08	5.70E-07	1.26E-07	1.72E-07	2.72E-07	4.80E-08	2.59E-07	1.47E-06
2908	487951	3856961.3	1.94E-03	1.99E-03	1.87E-03	6.72E-07	2.03E-06	1.17E-06	1.20E-06	1.09E-06	4.97E-07	4.69E-07	2.24E-08	5.42E-07	1.20E-07	1.63E-07	2.59E-07	4.57E-08	2.46E-07	1.40E-06
2909	488001	3856961.3	1.92E-03	1.97E-03	1.86E-03	6.65E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.93E-07	4.65E-07	2.22E-08	5.37E-07	1.18E-07	1.62E-07	2.56E-07	4.52E-08	2.44E-07	1.38E-06
2910	488051	3856961.3	1.90E-03	1.94E-03	1.83E-03	6.56E-07	1.98E-06	1.15E-06	1.17E-06	1.06E-06	4.86E-07	4.58E-07	2.19E-08	5.29E-07	1.17E-07	1.59E-07	2.53E-07	4.46E-08	2.40E-07	1.37E-06
2911	488101	3856961.3	1.89E-03	1.93E-03	1.82E-03	6.53E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.84E-07	4.56E-07	2.18E-08	5.27E-07	1.16E-07	1.59E-07	2.52E-07	4.44E-08	2.40E-07	1.36E-06
2912	487951	3857011.3	2.00E-03	2.05E-03	1.93E-03	6.91E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.12E-07	4.83E-07	2.31E-08	5.58E-07	1.23E-07	1.68E-07	2.67E-07	4.70E-08	2.53E-07	1.44E-06
2913	488001	3857011.3	1.97E-03	2.01E-03	1.90E-03	6.81E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	5.04E-07	4.75E-07	2.27E-08	5.49E-07	1.21E-07	1.65E-07	2.62E-07	4.62E-08	2.49E-07	1.42E-06
2914	488051	3857011.3	1.94E-03	1.99E-03	1.87E-03	6.71E-07	2.03E-06	1.17E-06	1.20E-06	1.09E-06	4.97E-07	4.69E-07	2.24E-08	5.41E-07	1.19E-07	1.63E-07	2.59E-07	4.56E-08	2.46E-07	1.40E-06
2915	488101	3857011.3	1.93E-03	1.98E-03	1.87E-03	6.68E-07	2.02E-06	1.17E-06	1.20E-06	1.08E-06	4.95E-07	4.67E-07	2.23E-08	5.39E-07	1.19E-07	1.62E-07	2.58E-07	4.54E-08	2.45E-07	1.39E-06
2916	488001	3857061.3	2.02E-03	2.07E-03	1.95E-03	6.99E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.18E-07	4.88E-07	2.33E-08	5.64E-07	1.24E-07	1.70E-07	2.69E-07	4.75E-08	2.56E-07	1.45E-06
2917	488051	3857061.3	2.00E-03	2.05E-03	1.93E-03	6.91E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.12E-07	4.83E-07	2.31E-08	5.58E-07	1.23E-07	1.68E-07	2.67E-07	4.70E-08	2.53E-07	1.44E-06
2918	488101	3857061.3	1.98E-03	2.03E-03	1.91E-03	6.85E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	5.07E-07	4.79E-07	2.29E-08	5.53E-07	1.22E-07	1.67E-07	2.64E-07	4.66E-08	2.51E-07	1.43E-06
2919	487639	3856673.8	1.80E-03	1.84E-03	1.74E-03	6.22E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.60E-07	4.34E-07	2.08E-08	5.02E-07	1.11E-07	1.51E-07	2.40E-07	4.23E-08	2.28E-07	1.29E-06
2920	487689	3856673.8	1.78E-03	1.82E-03	1.72E-03	6.15E-07	1.86E-06	1.08E-06	1.10E-06	9.98E-07	4.55E-07	4.30E-07	2.05E-08	4.96E-07	1.09E-07	1.50E-07	2.37E-07	4.18E-08	2.25E-07	1.28E-06
2921	487639	3856723.8	1.84E-03	1.89E-03	1.78E-03	6.38E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.73E-07	4.46E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.34E-08	2.34E-07	1.33E-06
2922	487689	3856723.8	1.82E-03	1.87E-03	1.76E-03	6.31E-07	1.91E-06	1.10E-06	1.13E-06	1.02E-06	4.67E-07	4.41E-07	2.11E-08	5.09E-07	1.12E-07	1.53E-07	2.43E-07	4.29E-08	2.31E-07	1.31E-06
2923	486324.6	3855740.6	1.60E-03	1.63E-03	1.54E-03	5.52E-07	1.67E-06	9.65E-07	9.89E-07	8.96E-07	4.09E-07	3.86E-07	1.84E-08	4.45E-07	9.83E-08	1.34E-07	2.13E-07	3.75E-08	2.02E-07	1.15E-06
2924	486374.6	3855740.6	1.55E-03	1.58E-03	1.49E-03	5.35E-07	1.62E-06	9.35E-07	9.58E-07	8.68E-07	3.96E-07	3.74E-07	1.79E-08	4.31E-07	9.52E-08	1.30E-07	2.06E-07	3.64E-08	1.96E-07	1.11E-06
2925	486424.6	3855740.6	1.52E-03	1.55E-03	1.46E-03	5.25E-07	1.58E-06	9.17E-07	9.39E-07	8.52E-07	3.89E-07	3.66E-07	1.75E-08	4.23E-07	9.34E-08	1.28E-07	2.02E-07	3.57E-08	1.92E-07	1.09E-06
2926	486324.6	3855790.6	1.63E-03	1.67E-03	1.58E-03	5.65E-07	1.71E-06	9.88E-07	1.01E-06	9.17E-07	4.18E-07	3.95E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.84E-08	2.07E-07	1.18E-06
2927	486374.6	3855790.6	1.58E-03	1.62E-03	1.53E-03	5.48E-07	1.66E-06	9.58E-07	9.81E-07	8.90E-07	4.06E-07	3.83E-07	1.83E-08	4.42E-07	9.76E-08	1.33E-07	2.11E-07	3.73E-08	2.01E-07	1.14E-06
2928	486424.6	3855790.6	1.56E-03	1.60E-03	1.51E-03	5.40E-07	1.63E-06	9.44E-07	9.67E-07	8.76E-07	4.00E-07	3.77E-07	1.80E-08	4.36E-07	9.61E-08	1.31E-07	2.08E-07	3.67E-08	1.98E-07	1.12E-06
2929	486324.6	3855840.6	1.67E-03	1.71E-03	1.61E-03	5.78E-07	1.75E-06	1.01E-06	1.04E-06	9.39E-07	4.28E-07	4.04E-07	1.93E-08	4.66E-07	1.03E-07	1.41E-07	2.23E-07	3.93E-08	2.12E-07	1.20E-06
2930	486374.6	3855840.6	1.64E-03	1.68E-03	1.58E-03	5.68E-07	1.71E-06	9.92E-07	1.02E-06	9.21E-07	4.20E-07	3.96E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.86E-08	2.08E-07	1.18E-06
2931	486424.6	3855840.6	1.61E-03	1.64E-03	1.55E-03	5.56E-07	1.68E-06	9.72E-07	9.95E-07	9.02E-07	4.12E-07	3.88E-07	1.86E-08	4.48E-07	9.89E-08	1.35E-07	2.14E-07	3.78E-08	2.04E-07	1.16E-06
2932	486324.6	3855890.6	1.73E-03	1.77E-03	1.67E-03	5.99E-07	1.81E-06	1.05E-06	1.07E-06	9.73E-07	4.44E-07	4.19E-07	2.00E-08	4.83E-07	1.07E-07	1.46E-07	2.31E-07	4.07E-08	2.20E-07	1.25E-06
2933	486374.6	3855890.6	1.70E-03	1.74E-03	1.64E-03	5.87E-07	1.77E-06	1.03E-06	1.05E-06	9.53E-07	4.35E-07	4.10E-07	1.96E-08	4.73E-07	1.04E-07	1.43E-07	2.26E-07	3.99E-08	2.15E-07	1.22E-06
2934	486424.6	3855890.6	1.66E-03	1.70E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.30E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.90E-08	2.10E-07	1.19E-06
2935	488735.7	3858285.6	4.83E-03	4.94E-03	4.66E-03	1.67E-06	5.04E-06	2.92E-06	2.99E-06	2.71E-06	1.24E-06	1.17E-06	5.58E-08	1.35E-06	2.97E-07	4.06E-07	6.44E-07	1.14E-07	6.12E-07	3.48E-06
2936	488765.7	3858285.6	4.71E-03	4.82E-03	4.55E-03	1.63E-06	4.92E-06	2.85E-06	2.92E-06	2.64E-06	1.21E-06	1.14E-06	5.44E-08	1.31E-06	2.90E-07	3.96E-07	6.28E-07	1.11E-07	5.97E-07	3.39E-06
2937	488735.7	3858315.6	5.07E-03	5.19E-03	4.89E-03	1.75E-06	5.29E-06	3.06E-06	3.14E-06	2.85E-06	1.30E-06	1.22E-06	5.86E-08	1.41E-06	3.12E-07	4.26E-07	6.76E-07	1.19E-07	6.43E-07	3.65E-06
2938	488765.7	3858315.6	4.93E-03	5.05E-03	4.77E-03	1.71E-06	5.16E-06	2.98E-06	3.06E-06	2.77E-06	1.26E-06	1.19E-06	5.70E-08	1.38E-06	3.04E-07	4.15E-07	6.58E-07	1.16E-07	6.26E-07	3.55E-06
2939	478676.6	3849871.9	5.76E-03	5.90E-03	5.56E-03	1.99E-06	6.02E-06	3.48E-06	3.57E-06	3.23E-06	1.48E-06	1.39E-06	6.66E-08	1.61E-06	3.55E-07	4.84E-07	7.68E-07	1.35E-07	7.31E-07	4.15E-06
2940	479326.6	3849871.9	3.45E-03	3.53E-03	3.33E-03	1.19E-06	3.60E-06	2.09E-06	2.14E-06	1.94E-06	8.84E-07	8.34E-07	3.99E-08	9.63E-07	2.12E-07	2.90E-07	4.60E-07	8.11E-08	4.37E-07	2.48E-06
2941	479376.6	3849871.9	3.34E-03	3.42E-03	3.23E-03	1.16E-06	3.49E-06	2.02E-06	2.07E-06	1.88E-06	8.57E-07	8.08E-07	3.86E-08	9.33E-07	2.06E-07	2.81E-07	4.46E-07	7.86E-08	4.24E-07	2.41E-06
2942	479426.6	3849871.9	3.26E-03	3.34E-03	3.15E-03	1.13E-06	3.41E-06	1.97E-06	2.02E-06	1.83E-06	8.36E-07	7.89E-07	3.77E-08	9.11E-07	2.01E-07	2.74E-07	4.35E-07	7.67E-08	4.14E-07	2.35E-06
2943	478726.6	3849921.9	6.06E-03	6.21E-03	5.86E-03	2.10E-06	6.34E-06	3.67E-06	3.76E-06	3.41E-06	1.55E-06	1.47E-06	7.01E-08	1.69E-06	3.74E-07	5.10E-07	8.09E-07	1.43E-07	7.69E-07	4.37E-06
2944	478776.6	3849921.9	5.77E-03	5.91E-03	5.58E-03	2.00E-06	6.03E-06	3.49E-06	3.58E-06	3.24E-06	1.48E-06	1.40E-06	6.67E-08	1.61E-06	3.56E-07	4.86E-07	7.70E-07	1.36E-07	7.32E-07	4.16E-06
2945	478826.6	3849921.9	5.50E-03	5.63E-03	5.31E-03	1.90E-06	5.75E-06	3.33E-06	3.41E-06	3.09E-06	1.41E-06	1.33E-06	6.36E-08	1.54E-06	3.39E-07	4.63E-07	7.34E-07	1.29E-07	6.98E-07	3.96E-06
2946	478976.6	3849921.9	4.82E-03	4.94E-03	4.66E-03	1.67E-06	5.04E-06	2.92E-06	2.99E-06	2.71E-06	1.24E-06	1.17E-06	5.57E-08	1.35E-06	2.97E-07	4.06E-07	6.44E-07	1.13E-07	6.12E-07	3.47E-06
2947	479026.6	3849921.9	4.65E-03	4.76E-03	4.49E-03	1.61E-06	4.86E-06	2.81E-06	2.88E-06	2.61E-06	1.19E-06	1.12E-06	5.38E-08	1.30E-06	2.87E-07	3.91E-07	6.21E-07	1.09E-07	5.90E-07	3.35E-06
2948	479076.6	3849921.9	4.48E-03	4.59E-03	4.33E-03	1.55E-06	4.68E-06	2.71E-06	2.78E-06	2.52E-06	1.15E-06	1.08E-06	5.18E-08	1.25E-06	2.76E-07	3.77E-07	5.98E-07	1.05E-07	5.68E-07	3.23E-06
2949	479126.6	3849921.9	4.31E-03	4.42E-03	4.16E-03	1.49E-06	4.51E-06	2.61E-06	2.67E-06	2.42E-06	1.11E-06	1.04E-06	4.98E-08	1.20E-06	2.66E-07	3.63E-07	5.75E-07	1.01E-07	5.47E-07	3.11E-06
2950	479176.6	3849921.9	4.16E-03	4.27E-03	4.02E-03	1.44E-06	4.35E-06	2.52E-06	2.58E-06	2.34E-06	1.07E-06	1.01E-06	4.81E-08	1.16E-06	2.57E-07	3.50E-07	5.56E-07	9.80E-08	5.29E-07	3.00E-06
2951	479226.6	3849921.9	3.99E-03	4.09E-03	3.86E-03	1.38E-06	4.17E-06	2.42E-06	2.48E-06	2.24E-06	1.02E-06	9.66E-07	4.62E-08	1.12E-06	2.46E-07	3.36E-07	5.33E-07	9.39E-08	5.07E-07	2.88E-06
2952	479276.6	3849921.9	3.79E-03	3.88E-03	3.66E-03	1.31E-06	3.96E-06	2.29E-06	2.35E-06	2.13E-06	9.71E-07	9.16E-07	4.38E-08	1.06E-06	2.33E-07	3.19E-07	5.05E-07	8.91E-08	4.81E-07	2.73E-06
2953	479326.6	3849921.9	3.74E-03	3.83E-03	3.62E-03	1.30E-06	3.91E-06	2.26E-06	2.32E-06	2.10E-06	9.59E-07	9.05E-07	4.33E-08	1.05E-06	2.31E-07	3.15E-07	5.00E-07	8.80E-08	4.75E-07	2.70E-06
2954	479376.6	3849921.9	3.56E-03	3.64E-03	3.44E-03	1.23E-06	3.72E-06	2.15E-06	2.20E-06	2.00E-06	9.12E-07	8.60E-07	4.11E-08	9.93E-07	2.19E-07	2.99E-07	4.75E-07	8.37E-08	4.51E-07	2.56E-06
2955	479426.6	3849921.9	3.50E-03	3.58E-03	3.38E-03	1.21E-06	3.65E-06	2.12E-06	2.17E-06	1.96E-06	8.96E-07	8.45E-07	4.04E-08	9.76E-07	2.15E-07	2.94E-07	4.67E-07	8.22E-08	4.44E-07	2.52E-06
2956	478726.6	3849971.9	6.76E-03	6.92E-03	6.53E-03	2.34E-06	7.07E-06	4.09E-06	4.19E-06	3.80E-06	1.73E-06	1.63E-06	7.81E-08	1.89E-06	4.16E-07	5.69E-07	9.02E-07	1.59E-07	8.58E-07	4.87E-06
2957	478776.6	3849971.9	6.40E-03	6.55E-03	6.18E-03	2.21E-06	6.69E-06	3.87E-06	3.96E-06	3.59E-06	1.64E-06	1.55E-06	7.39E-08	1.79E-06	3.94E-07	5.38E-07	8.54E-07	1.50E-07	8.12E-07	4.61E-06
2958	478826.6	3849971.9	6.07E-03	6.21E-03	5.86E-03	2.10E-06	6.34E-06	3.67E-06	3.76E-06	3.41E-06	1.55E-06	1.47E-06	7.01E-08	1.69E-06	3.74E-07	5.10E-07	8.10E-07	1.43E-07	7.70E-07	4.37E-06
2959	478976.6	3849971.9	5.28E-03	5.41E-03	5.10E-03	1.83E-06	5.52E-06	3.19E-06	3.27E-06	2.96E-06	1.35E-06	1.28E-06	6.10E-08	1.47E-06	3.25E-07	4.44E-07	7.04E-07	1.24E-07	6.70E-07	3.80E-06
2960	479026.6	3849971.9	5.05E-03	5.17E-03	4.88E-03	1.75E-06	5.28E-06	3.05E-06	3.13E-06	2.84E-06	1.29E-06	1.22E-06	5.83E-08	1.41E-06	3.11E-07	4.25E-07	6.74E-07	1.19E-07	6.41E-07	3.64E-06
2961	479076.6	3849971.9	4.84E-03	4.96E-03	4.67E-03	1.67E-06	5.06E-06	2.93E-06	3.00E-06	2.72E-06	1.24E-06	1.17E-06	5.59E-08	1.35E-06	2.98E-07	4.07E-07	6.46E-07	1.14E-07	6.14E-07	3.49E-06

2962	479126.6	3849971.9	4.65E-03	4.76E-03	4.49E-03	1.61E-06	4.86E-06	2.81E-06	2.88E-06	2.61E-06	1.19E-06	1.12E-06	5.37E-08	1.30E-06	2.86E-07	3.91E-07	6.21E-07	1.09E-07	5.90E-07	3.35E-06
2963	479176.6	3849971.9	4.48E-03	4.59E-03	4.33E-03	1.55E-06	4.68E-06	2.71E-06	2.78E-06	2.52E-06	1.15E-06	1.08E-06	5.18E-08	1.25E-06	2.76E-07	3.77E-07	5.98E-07	1.05E-07	5.68E-07	3.23E-06
2964	479226.6	3849971.9	4.21E-03	4.31E-03	4.07E-03	1.46E-06	4.40E-06	2.55E-06	2.61E-06	2.37E-06	1.08E-06	1.02E-06	4.87E-08	1.18E-06	2.60E-07	3.54E-07	5.62E-07	9.91E-08	5.35E-07	3.03E-06
2965	479276.6	3849971.9	4.13E-03	4.23E-03	3.99E-03	1.43E-06	4.31E-06	2.50E-06	2.56E-06	2.32E-06	1.06E-06	9.98E-07	4.77E-08	1.15E-06	2.54E-07	3.47E-07	5.51E-07	9.71E-08	5.24E-07	2.97E-06
2966	479326.6	3849971.9	4.03E-03	4.13E-03	3.89E-03	1.39E-06	4.21E-06	2.44E-06	2.50E-06	2.26E-06	1.03E-06	9.74E-07	4.66E-08	1.13E-06	2.48E-07	3.39E-07	5.38E-07	9.48E-08	5.11E-07	2.90E-06
2967	479376.6	3849971.9	3.83E-03	3.93E-03	3.70E-03	1.33E-06	4.01E-06	2.32E-06	2.38E-06	2.15E-06	9.82E-07	9.27E-07	4.43E-08	1.07E-06	2.36E-07	3.22E-07	5.12E-07	9.02E-08	4.86E-07	2.76E-06
2968	479426.6	3849971.9	3.73E-03	3.82E-03	3.60E-03	1.29E-06	3.90E-06	2.25E-06	2.31E-06	2.09E-06	9.55E-07	9.01E-07	4.31E-08	1.04E-06	2.30E-07	3.14E-07	4.97E-07	8.77E-08	4.73E-07	2.68E-06
2969	478726.6	3850021.9	7.64E-03	7.83E-03	7.38E-03	2.65E-06	7.99E-06	4.62E-06	4.74E-06	4.29E-06	1.96E-06	1.85E-06	8.84E-08	2.13E-06	4.71E-07	6.43E-07	1.02E-06	1.80E-07	9.70E-07	5.51E-06
2970	478776.6	3850021.9	7.18E-03	7.35E-03	6.93E-03	2.48E-06	7.50E-06	4.34E-06	4.45E-06	4.03E-06	1.84E-06	1.74E-06	8.30E-08	2.00E-06	4.42E-07	6.04E-07	9.58E-07	1.69E-07	9.11E-07	5.17E-06
2971	478826.6	3850021.9	6.77E-03	6.93E-03	6.54E-03	2.34E-06	7.07E-06	4.09E-06	4.19E-06	3.80E-06	1.73E-06	1.64E-06	7.82E-08	1.89E-06	4.17E-07	5.69E-07	9.03E-07	1.59E-07	8.59E-07	4.88E-06
2972	478976.6	3850021.9	5.79E-03	5.93E-03	5.59E-03	2.00E-06	6.05E-06	3.50E-06	3.59E-06	3.25E-06	1.48E-06	1.40E-06	6.69E-08	1.62E-06	3.57E-07	4.87E-07	7.73E-07	1.36E-07	7.35E-07	4.17E-06
2973	478726.6	3850071.9	8.81E-03	9.02E-03	8.51E-03	3.05E-06	9.20E-06	5.33E-06	5.46E-06	4.95E-06	2.26E-06	2.13E-06	1.02E-07	2.46E-06	5.43E-07	7.41E-07	1.18E-06	2.07E-07	1.12E-06	6.34E-06
2974	478776.6	3850071.9	8.19E-03	8.39E-03	7.91E-03	2.83E-06	8.56E-06	4.95E-06	5.07E-06	4.60E-06	2.10E-06	1.98E-06	9.47E-08	2.29E-06	5.04E-07	6.89E-07	1.09E-06	1.93E-07	1.04E-06	5.90E-06
2975	478826.6	3850071.9	7.65E-03	7.84E-03	7.39E-03	2.65E-06	8.00E-06	4.63E-06	4.74E-06	4.30E-06	1.96E-06	1.85E-06	8.85E-08	2.14E-06	4.72E-07	6.44E-07	1.02E-06	1.80E-07	9.71E-07	5.51E-06
2976	478876.6	3850071.9	7.19E-03	7.36E-03	6.95E-03	2.49E-06	7.51E-06	4.35E-06	4.46E-06	4.04E-06	1.84E-06	1.74E-06	8.31E-08	2.01E-06	4.43E-07	6.05E-07	9.60E-07	1.69E-07	9.12E-07	5.18E-06
2977	478976.6	3850071.9	6.42E-03	6.57E-03	6.20E-03	2.22E-06	6.71E-06	3.88E-06	3.98E-06	3.60E-06	1.64E-06	1.55E-06	7.42E-08	1.79E-06	3.95E-07	5.40E-07	8.56E-07	1.51E-07	8.14E-07	4.62E-06
2978	478726.6	3850121.9	1.04E-02	1.07E-02	1.01E-02	3.60E-06	1.09E-05	6.30E-06	6.45E-06	5.85E-06	2.67E-06	2.52E-06	1.20E-07	2.91E-06	6.41E-07	8.76E-07	1.39E-06	2.45E-07	1.32E-06	7.50E-06
2979	478776.6	3850121.9	9.55E-03	9.78E-03	9.23E-03	3.31E-06	9.98E-06	5.78E-06	5.92E-06	5.37E-06	2.45E-06	2.31E-06	1.10E-07	2.67E-06	5.88E-07	8.04E-07	1.27E-06	2.25E-07	1.21E-06	6.88E-06
2980	478826.6	3850121.9	8.83E-03	9.04E-03	8.53E-03	3.06E-06	9.23E-06	5.34E-06	5.47E-06	4.96E-06	2.26E-06	2.13E-06	1.02E-07	2.46E-06	5.44E-07	7.43E-07	1.18E-06	2.08E-07	1.12E-06	6.36E-06
2981	478876.6	3850121.9	8.21E-03	8.41E-03	7.93E-03	2.84E-06	8.58E-06	4.97E-06	5.09E-06	4.61E-06	2.10E-06	1.98E-06	9.49E-08	2.29E-06	5.06E-07	6.91E-07	1.10E-06	1.93E-07	1.04E-06	5.91E-06
2982	478976.6	3850121.9	7.21E-03	7.38E-03	6.96E-03	2.49E-06	7.53E-06	4.36E-06	4.47E-06	4.05E-06	1.85E-06	1.74E-06	8.33E-08	2.01E-06	4.44E-07	6.06E-07	9.62E-07	1.70E-07	9.14E-07	5.19E-06
2983	479026.6	3850121.9	6.80E-03	6.96E-03	6.57E-03	2.35E-06	7.10E-06	4.11E-06	4.21E-06	3.82E-06	1.74E-06	1.64E-06	7.86E-08	1.90E-06	4.19E-07	5.72E-07	9.07E-07	1.60E-07	8.62E-07	4.90E-06
2984	479076.6	3850121.9	6.42E-03	6.58E-03	6.21E-03	2.22E-06	6.71E-06	3.89E-06	3.98E-06	3.61E-06	1.65E-06	1.55E-06	7.43E-08	1.79E-06	3.96E-07	5.41E-07	8.58E-07	1.51E-07	8.15E-07	4.63E-06
2985	479126.6	3850121.9	6.09E-03	6.24E-03	5.89E-03	2.11E-06	6.37E-06	3.69E-06	3.78E-06	3.42E-06	1.56E-06	1.47E-06	7.04E-08	1.70E-06	3.75E-07	5.13E-07	8.13E-07	1.43E-07	7.73E-07	4.39E-06
2986	478776.6	3850171.9	1.15E-02	1.18E-02	1.11E-02	3.98E-06	1.20E-05	6.95E-06	7.12E-06	6.45E-06	2.94E-06	2.78E-06	1.33E-07	3.21E-06	7.08E-07	9.66E-07	1.53E-06	2.70E-07	1.46E-06	8.27E-06
2987	478826.6	3850171.9	1.04E-02	1.07E-02	1.01E-02	3.62E-06	1.09E-05	6.32E-06	6.47E-06	5.87E-06	2.68E-06	2.53E-06	1.21E-07	2.92E-06	6.44E-07	8.79E-07	1.39E-06	2.46E-07	1.33E-06	7.53E-06
2988	478876.6	3850171.9	9.58E-03	9.81E-03	9.26E-03	3.32E-06	1.00E-05	5.80E-06	5.94E-06	5.38E-06	2.46E-06	2.32E-06	1.11E-07	2.68E-06	5.90E-07	8.06E-07	1.28E-06	2.25E-07	1.22E-06	6.90E-06
2989	478976.6	3850171.9	8.23E-03	8.43E-03	7.95E-03	2.85E-06	8.60E-06	4.98E-06	5.10E-06	4.62E-06	2.11E-06	1.99E-06	9.51E-08	2.30E-06	5.07E-07	6.93E-07	1.10E-06	1.94E-07	1.04E-06	5.93E-06
2990	479026.6	3850171.9	7.70E-03	7.88E-03	7.43E-03	2.66E-06	8.04E-06	4.66E-06	4.77E-06	4.32E-06	1.97E-06	1.86E-06	8.90E-08	2.15E-06	4.74E-07	6.47E-07	1.03E-06	1.81E-07	9.76E-07	5.54E-06
2991	479076.6	3850171.9	7.23E-03	7.40E-03	6.98E-03	2.50E-06	7.55E-06	4.37E-06	4.48E-06	4.06E-06	1.85E-06	1.75E-06	8.35E-08	2.02E-06	4.45E-07	6.08E-07	9.65E-07	1.70E-07	9.17E-07	5.21E-06
2992	479126.6	3850171.9	6.81E-03	6.98E-03	6.58E-03	2.36E-06	7.12E-06	4.12E-06	4.22E-06	3.83E-06	1.75E-06	1.65E-06	7.87E-08	1.90E-06	4.20E-07	5.73E-07	9.09E-07	1.60E-07	8.64E-07	4.91E-06
2993	479176.6	3850171.9	6.45E-03	6.60E-03	6.23E-03	2.23E-06	6.74E-06	3.90E-06	4.00E-06	3.62E-06	1.65E-06	1.56E-06	7.45E-08	1.80E-06	3.97E-07	5.42E-07	8.60E-07	1.52E-07	8.18E-07	4.64E-06
2994	479226.6	3850171.9	6.13E-03	6.28E-03	5.92E-03	2.12E-06	6.41E-06	3.71E-06	3.80E-06	3.44E-06	1.57E-06	1.48E-06	7.09E-08	1.71E-06	3.78E-07	5.16E-07	8.18E-07	1.44E-07	7.78E-07	4.42E-06
2995	479276.6	3850171.9	5.84E-03	5.99E-03	5.65E-03	2.02E-06	6.11E-06	3.54E-06	3.62E-06	3.28E-06	1.50E-06	1.41E-06	6.76E-08	1.63E-06	3.60E-07	4.92E-07	7.80E-07	1.37E-07	7.42E-07	4.21E-06
2996	479326.6	3850171.9	5.58E-03	5.71E-03	5.39E-03	1.93E-06	5.83E-06	3.37E-06	3.46E-06	3.13E-06	1.43E-06	1.35E-06	6.45E-08	1.56E-06	3.44E-07	4.69E-07	7.44E-07	1.31E-07	7.08E-07	4.02E-06
2997	479376.6	3850171.9	5.32E-03	5.45E-03	5.14E-03	1.84E-06	5.56E-06	3.22E-06	3.30E-06	2.99E-06	1.36E-06	1.29E-06	6.15E-08	1.49E-06	3.28E-07	4.48E-07	7.11E-07	1.25E-07	6.76E-07	3.84E-06
2998	478676.6	3850221.9	1.95E-02	1.99E-02	1.88E-02	6.73E-06	2.03E-05	1.18E-05	1.21E-05	1.09E-05	4.99E-06	4.70E-06	2.25E-07	5.43E-06	1.20E-06	1.64E-06	2.60E-06	4.58E-07	2.47E-06	1.40E-05
2999	478726.6	3850221.9	1.66E-02	1.70E-02	1.60E-02	5.74E-06	1.73E-05	1.00E-05	1.03E-05	9.31E-06	4.25E-06	4.01E-06	1.92E-07	4.63E-06	1.02E-06	1.39E-06	2.21E-06	3.90E-07	2.10E-06	1.19E-05
3000	478976.6	3850221.9	9.61E-03	9.84E-03	9.28E-03	3.33E-06	1.00E-05	5.81E-06	5.96E-06	5.40E-06	2.46E-06	2.32E-06	1.11E-07	2.68E-06	5.92E-07	8.09E-07	1.28E-06	2.26E-07	1.22E-06	6.92E-06
3001	479026.6	3850221.9	8.88E-03	9.09E-03	8.58E-03	3.07E-06	9.28E-06	5.37E-06	5.50E-06	4.99E-06	2.28E-06	2.15E-06	1.03E-07	2.48E-06	5.47E-07	7.47E-07	1.18E-06	2.09E-07	1.13E-06	6.40E-06
3002	479076.6	3850221.9	8.26E-03	8.46E-03	7.98E-03	2.86E-06	8.63E-06	5.00E-06	5.12E-06	4.64E-06	2.12E-06	2.00E-06	9.54E-08	2.31E-06	5.09E-07	6.95E-07	1.10E-06	1.94E-07	1.05E-06	5.95E-06
3003	479126.6	3850221.9	7.72E-03	7.90E-03	7.46E-03	2.67E-06	8.07E-06	4.67E-06	4.78E-06	4.34E-06	1.98E-06	1.87E-06	8.92E-08	2.15E-06	4.75E-07	6.49E-07	1.03E-06	1.82E-07	9.79E-07	5.56E-06
3004	479176.6	3850221.9	7.25E-03	7.43E-03	7.00E-03	2.51E-06	7.58E-06	4.39E-06	4.49E-06	4.07E-06	1.86E-06	1.75E-06	8.38E-08	2.02E-06	4.47E-07	6.10E-07	9.68E-07	1.71E-07	9.20E-07	5.22E-06
3005	479226.6	3850221.9	6.84E-03	7.00E-03	6.61E-03	2.37E-06	7.15E-06	4.14E-06	4.24E-06	3.84E-06	1.75E-06	1.65E-06	7.90E-08	1.91E-06	4.21E-07	5.75E-07	9.13E-07	1.61E-07	8.68E-07	4.93E-06
3006	479276.6	3850221.9	6.47E-03	6.63E-03	6.25E-03	2.24E-06	6.77E-06	3.92E-06	4.01E-06	3.64E-06	1.66E-06	1.57E-06	7.48E-08	1.81E-06	3.99E-07	5.45E-07	8.64E-07	1.52E-07	8.21E-07	4.66E-06
3007	479326.6	3850221.9	6.15E-03	6.30E-03	5.94E-03	2.13E-06	6.43E-06	3.72E-06	3.81E-06	3.45E-06	1.58E-06	1.49E-06	7.11E-08	1.72E-06	3.79E-07	5.17E-07	8.21E-07	1.45E-07	7.80E-07	4.43E-06
3008	479376.6	3850221.9	5.85E-03	5.99E-03	5.65E-03	2.03E-06	6.12E-06	3.54E-06	3.63E-06	3.29E-06	1.50E-06	1.41E-06	6.76E-08	1.63E-06	3.61E-07	4.92E-07	7.81E-07	1.38E-07	7.43E-07	4.22E-06
3009	478676.6	3850271.9	2.98E-02	3.05E-02	2.88E-02	1.03E-05	3.12E-05	1.80E-05	1.85E-05	1.68E-05	7.64E-06	7.21E-06	3.45E-07	8.33E-06	1.84E-06	2.51E-06	3.98E-06	7.01E-07	3.78E-06	2.15E-05
3010	478726.6	3850271.9	2.37E-02	2.42E-02	2.29E-02	8.19E-06	2.47E-05	1.43E-05	1.47E-05	1.33E-05	6.06E-06	5.72E-06	2.73E-07	6.61E-06	1.46E-06	1.99E-06	3.16E-06	5.56E-07	3.00E-06	1.70E-05
3011	478976.6	3850271.9	1.16E-02	1.19E-02	1.12E-02	4.01E-06	1.21E-05	7.01E-06	7.18E-06	6.51E-06	2.97E-06	2.80E-06	1.34E-07	3.23E-06	7.14E-07	9.74E-07	1.55E-06	2.72E-07	1.47E-06	8.34E-06
3012	479026.6	3850271.9	1.05E-02	1.08E-02	1.02E-02	3.64E-06	1.10E-05	6.36E-06	6.52E-06	5.91E-06	2.70E-06	2.54E-06	1.22E-07	2.94E-06	6.48E-07	8.85E-07	1.40E-06	2.47E-07	1.33E-06	7.58E-06
3013	479076.6	3850271.9	9.64E-03	9.88E-03	9.32E-03	3.34E-06	1.01E-05	5.83E-06	5.98E-06	5.42E-06	2.47E-06	2.33E-06	1.11E-07	2.69E-06	5.94E-07	8.11E-07	1.29E-06	2.27E-07	1.22E-06	6.95E-06
3014	479126.6	3850271.9	8.91E-03	9.13E-03	8.61E-03	3.08E-06	9.31E-06	5.39E-06	5.52E-06	5.01E-06	2.28E-06	2.15E-06	1.03E-07	2.49E-06	5.49E-07	7.50E-07	1.19E-06	2.10E-07	1.13E-06	6.42E-06
3015	479176.6	3850271.9	8.28E-03	8.48E-03	8.00E-03	2.87E-06	8.66E-06	5.01E-06	5.13E-06	4.65E-06	2.12E-06	2.00E-06	9.57E-08	2.31E-06	5.10E-07	6.97E-07	1.11E-06	1.95E-07	1.05E-06	5.97E-06
3016	479226.6	3850271.9	7.74E-03	7.93E-03	7.48E-03	2.68E-06	8.09E-06	4.68E-06	4.80E-06	4.35E-06	1.98E-06	1.87E-06	8.95E-08	2.16E-06	4.77E-07	6.51E-07	1.03E-06	1.82E-07	9.82E-07	5.58E-06
3017	479276.6	3850271.9	7.27E-03	7.45E-03	7.02E-03	2.52E-06	7.60E-06	4.40E-06	4.51E-06	4.08E-06	1.86E-06	1.76E-06	8.40E-08	2.03E-06	4.48E-07	6.12E-07	9.70E-07	1.71E-07	9.23E-07	5.24E-06

3018	479326.6	3850271.9	6.86E-03	7.03E-03	6.63E-03	2.37E-06	7.17E-06	4.15E-06	4.25E-06	3.85E-06	1.76E-06	1.66E-06	7.93E-08	1.92E-06	4.23E-07	5.77E-07	9.16E-07	1.61E-07	8.70E-07	4.94E-06
3019	479376.6	3850271.9	6.48E-03	6.64E-03	6.27E-03	2.24E-06	6.78E-06	3.92E-06	4.02E-06	3.64E-06	1.66E-06	1.57E-06	7.50E-08	1.81E-06	4.00E-07	5.46E-07	8.66E-07	1.53E-07	8.23E-07	4.67E-06
3020	479053.2	3850293.5	1.09E-02	1.11E-02	1.05E-02	3.76E-06	1.14E-05	6.57E-06	6.73E-06	6.10E-06	2.78E-06	2.63E-06	1.26E-07	3.03E-06	6.69E-07	9.14E-07	1.45E-06	2.55E-07	1.38E-06	7.82E-06
3021	479103.2	3850293.5	9.93E-03	1.02E-02	9.59E-03	3.44E-06	1.04E-05	6.01E-06	6.15E-06	5.58E-06	2.54E-06	2.40E-06	1.15E-07	2.77E-06	6.12E-07	8.35E-07	1.33E-06	2.34E-07	1.26E-06	7.15E-06
3022	479153.2	3850293.5	9.15E-03	9.38E-03	8.84E-03	3.17E-06	9.57E-06	5.54E-06	5.67E-06	5.14E-06	2.35E-06	2.21E-06	1.06E-07	2.56E-06	5.64E-07	7.70E-07	1.22E-06	2.15E-07	1.16E-06	6.59E-06
3023	479203.2	3850293.5	8.49E-03	8.69E-03	8.20E-03	2.94E-06	8.87E-06	5.14E-06	5.26E-06	4.77E-06	2.18E-06	2.05E-06	9.81E-08	2.37E-06	5.23E-07	7.14E-07	1.13E-06	2.00E-07	1.08E-06	6.12E-06
3024	479253.2	3850293.5	7.92E-03	8.11E-03	7.65E-03	2.74E-06	8.28E-06	4.79E-06	4.91E-06	4.45E-06	2.03E-06	1.92E-06	9.16E-08	2.21E-06	4.88E-07	6.67E-07	1.06E-06	1.86E-07	1.01E-06	5.71E-06
3025	479303.2	3850293.5	7.43E-03	7.61E-03	7.18E-03	2.57E-06	7.77E-06	4.50E-06	4.61E-06	4.18E-06	1.91E-06	1.80E-06	8.59E-08	2.08E-06	4.58E-07	6.26E-07	9.92E-07	1.75E-07	9.43E-07	5.36E-06
3026	479353.2	3850293.5	7.00E-03	7.17E-03	6.76E-03	2.42E-06	7.31E-06	4.23E-06	4.34E-06	3.93E-06	1.79E-06	1.69E-06	8.09E-08	1.95E-06	4.31E-07	5.89E-07	9.34E-07	1.65E-07	8.88E-07	5.04E-06
3027	479153.2	3850343.5	1.09E-02	1.12E-02	1.05E-02	3.78E-06	1.14E-05	6.60E-06	6.76E-06	6.13E-06	2.80E-06	2.64E-06	1.26E-07	3.05E-06	6.72E-07	9.18E-07	1.46E-06	2.57E-07	1.38E-06	7.86E-06
3028	479203.2	3850343.5	9.97E-03	1.02E-02	9.63E-03	3.45E-06	1.04E-05	6.03E-06	6.18E-06	5.60E-06	2.56E-06	2.41E-06	1.15E-07	2.78E-06	6.14E-07	8.39E-07	1.33E-06	2.35E-07	1.27E-06	7.18E-06
3029	479253.2	3850343.5	9.20E-03	9.42E-03	8.88E-03	3.18E-06	9.61E-06	5.56E-06	5.70E-06	5.17E-06	2.36E-06	2.22E-06	1.06E-07	2.57E-06	5.67E-07	7.74E-07	1.23E-06	2.16E-07	1.17E-06	6.63E-06
3030	479303.2	3850343.5	8.54E-03	8.74E-03	8.25E-03	2.96E-06	8.92E-06	5.17E-06	5.29E-06	4.80E-06	2.19E-06	2.06E-06	9.87E-08	2.38E-06	5.26E-07	7.18E-07	1.14E-06	2.01E-07	1.08E-06	6.15E-06
3031	479353.2	3850343.5	7.96E-03	8.15E-03	7.69E-03	2.76E-06	8.32E-06	4.82E-06	4.93E-06	4.47E-06	2.04E-06	1.92E-06	9.20E-08	2.22E-06	4.90E-07	6.70E-07	1.06E-06	1.87E-07	1.01E-06	5.74E-06
3032	479203.2	3850393.5	1.21E-02	1.24E-02	1.17E-02	4.20E-06	1.27E-05	7.34E-06	7.52E-06	6.82E-06	3.11E-06	2.93E-06	1.40E-07	3.39E-06	7.47E-07	1.02E-06	1.62E-06	2.85E-07	1.54E-06	8.74E-06
3033	479253.2	3850393.5	1.10E-02	1.13E-02	1.06E-02	3.80E-06	1.15E-05	6.65E-06	6.81E-06	6.17E-06	2.82E-06	2.66E-06	1.27E-07	3.07E-06	6.77E-07	9.25E-07	1.47E-06	2.59E-07	1.39E-06	7.92E-06
3034	479303.2	3850393.5	1.01E-02	1.03E-02	9.71E-03	3.48E-06	1.05E-05	6.08E-06	6.23E-06	5.65E-06	2.58E-06	2.43E-06	1.16E-07	2.81E-06	6.19E-07	8.46E-07	1.34E-06	2.36E-07	1.28E-06	7.24E-06
3035	479353.2	3850393.5	9.26E-03	9.48E-03	8.94E-03	3.20E-06	9.68E-06	5.60E-06	5.74E-06	5.20E-06	2.37E-06	2.24E-06	1.07E-07	2.59E-06	5.70E-07	7.79E-07	1.24E-06	2.18E-07	1.17E-06	6.67E-06
3036	479403.2	3850393.5	8.57E-03	8.78E-03	8.28E-03	2.97E-06	8.96E-06	5.19E-06	5.31E-06	4.82E-06	2.20E-06	2.07E-06	9.91E-08	2.39E-06	5.28E-07	7.21E-07	1.14E-06	2.02E-07	1.09E-06	6.18E-06
3037	479453.2	3850393.5	7.97E-03	8.16E-03	7.70E-03	2.76E-06	8.33E-06	4.82E-06	4.94E-06	4.48E-06	2.04E-06	1.93E-06	9.21E-08	2.23E-06	4.91E-07	6.71E-07	1.06E-06	1.88E-07	1.01E-06	5.74E-06
3038	479503.2	3850393.5	7.43E-03	7.60E-03	7.17E-03	2.57E-06	7.76E-06	4.49E-06	4.60E-06	4.17E-06	1.90E-06	1.80E-06	8.58E-08	2.07E-06	4.57E-07	6.25E-07	9.91E-07	1.75E-07	9.42E-07	5.35E-06
3039	479303.2	3850443.5	1.23E-02	1.26E-02	1.18E-02	4.25E-06	1.28E-05	7.42E-06	7.60E-06	6.89E-06	3.14E-06	2.97E-06	1.42E-07	3.42E-06	7.56E-07	1.03E-06	1.64E-06	2.88E-07	1.56E-06	8.83E-06
3040	479353.2	3850443.5	1.11E-02	1.14E-02	1.07E-02	3.84E-06	1.16E-05	6.71E-06	6.87E-06	6.23E-06	2.84E-06	2.68E-06	1.28E-07	3.10E-06	6.83E-07	9.33E-07	1.48E-06	2.61E-07	1.41E-06	7.99E-06
3041	479403.2	3850443.5	1.01E-02	1.03E-02	9.76E-03	3.50E-06	1.06E-05	6.11E-06	6.26E-06	5.67E-06	2.59E-06	2.44E-06	1.17E-07	2.82E-06	6.22E-07	8.50E-07	1.35E-06	2.38E-07	1.28E-06	7.28E-06
3042	479453.2	3850443.5	9.26E-03	9.48E-03	8.94E-03	3.20E-06	9.67E-06	5.60E-06	5.74E-06	5.20E-06	2.37E-06	2.24E-06	1.07E-07	2.58E-06	5.70E-07	7.79E-07	1.24E-06	2.18E-07	1.17E-06	6.67E-06
3043	479503.2	3850443.5	8.52E-03	8.73E-03	8.23E-03	2.95E-06	8.91E-06	5.16E-06	5.28E-06	4.79E-06	2.18E-06	2.06E-06	9.85E-08	2.38E-06	5.25E-07	7.17E-07	1.14E-06	2.00E-07	1.08E-06	6.14E-06
3044	480327.2	3850987	1.50E-02	1.53E-02	1.44E-02	5.18E-06	1.56E-05	9.05E-06	9.27E-06	8.40E-06	3.83E-06	3.61E-06	1.73E-07	4.17E-06	9.21E-07	1.26E-06	2.00E-06	3.52E-07	1.90E-06	1.08E-05
3045	480377.2	3850987	1.32E-02	1.35E-02	1.27E-02	4.57E-06	1.38E-05	7.98E-06	8.18E-06	7.41E-06	3.38E-06	3.19E-06	1.53E-07	3.68E-06	8.13E-07	1.11E-06	1.76E-06	3.10E-07	1.67E-06	9.50E-06
3046	480427.2	3850987	1.18E-02	1.21E-02	1.14E-02	4.08E-06	1.23E-05	7.13E-06	7.30E-06	6.62E-06	3.02E-06	2.85E-06	1.36E-07	3.29E-06	7.26E-07	9.91E-07	1.57E-06	2.77E-07	1.49E-06	8.48E-06
3047	480477.2	3850987	1.06E-02	1.09E-02	1.02E-02	3.67E-06	1.11E-05	6.41E-06	6.57E-06	5.95E-06	2.72E-06	2.56E-06	1.22E-07	2.96E-06	6.53E-07	8.91E-07	1.41E-06	2.49E-07	1.34E-06	7.63E-06
3048	480327.2	3851037	2.05E-02	2.10E-02	1.98E-02	7.10E-06	2.14E-05	1.24E-05	1.27E-05	1.15E-05	5.26E-06	4.96E-06	2.37E-07	5.73E-06	1.26E-06	1.73E-06	2.74E-06	4.83E-07	2.60E-06	1.48E-05
3049	480377.2	3851037	1.74E-02	1.78E-02	1.68E-02	6.01E-06	1.82E-05	1.05E-05	1.08E-05	9.76E-06	4.45E-06	4.20E-06	2.01E-07	4.85E-06	1.07E-06	1.46E-06	2.32E-06	4.09E-07	2.20E-06	1.25E-05
3050	480427.2	3851037	1.50E-02	1.54E-02	1.45E-02	5.19E-06	1.57E-05	9.08E-06	9.30E-06	8.43E-06	3.84E-06	3.63E-06	1.73E-07	4.19E-06	9.24E-07	1.26E-06	2.00E-06	3.53E-07	1.90E-06	1.08E-05
3051	480477.2	3851037	1.32E-02	1.35E-02	1.27E-02	4.56E-06	1.38E-05	7.97E-06	8.17E-06	7.40E-06	3.38E-06	3.19E-06	1.52E-07	3.68E-06	8.12E-07	1.11E-06	1.76E-06	3.10E-07	1.67E-06	9.49E-06
3052	480622.1	3851087.4	1.19E-02	1.21E-02	1.15E-02	4.11E-06	1.24E-05	7.18E-06	7.35E-06	6.66E-06	3.04E-06	2.87E-06	1.37E-07	3.31E-06	7.31E-07	9.98E-07	1.58E-06	2.79E-07	1.51E-06	8.54E-06
3053	480672.1	3851087.4	1.07E-02	1.09E-02	1.03E-02	3.70E-06	1.12E-05	6.47E-06	6.62E-06	6.00E-06	2.74E-06	2.58E-06	1.24E-07	2.98E-06	6.59E-07	8.99E-07	1.43E-06	2.51E-07	1.36E-06	7.70E-06
3054	480622.1	3851137.4	1.53E-02	1.56E-02	1.47E-02	5.28E-06	1.59E-05	9.23E-06	9.45E-06	8.57E-06	3.91E-06	3.69E-06	1.76E-07	4.26E-06	9.40E-07	1.28E-06	2.04E-06	3.59E-07	1.94E-06	1.10E-05
3055	480672.1	3851137.4	1.34E-02	1.37E-02	1.29E-02	4.63E-06	1.40E-05	8.08E-06	8.28E-06	7.51E-06	3.42E-06	3.23E-06	1.54E-07	3.73E-06	8.23E-07	1.12E-06	1.78E-06	3.14E-07	1.70E-06	9.63E-06
3056	480722.1	3851137.4	1.19E-02	1.22E-02	1.15E-02	4.12E-06	1.24E-05	7.20E-06	7.38E-06	6.69E-06	3.05E-06	2.88E-06	1.38E-07	3.32E-06	7.33E-07	1.00E-06	1.59E-06	2.80E-07	1.51E-06	8.58E-06
3057	480622.1	3851187.4	2.13E-02	2.18E-02	2.06E-02	7.37E-06	2.23E-05	1.29E-05	1.32E-05	1.20E-05	5.46E-06	5.15E-06	2.46E-07	5.95E-06	1.31E-06	1.79E-06	2.84E-06	5.01E-07	2.70E-06	1.53E-05
3058	480672.1	3851187.4	1.78E-02	1.83E-02	1.72E-02	6.17E-06	1.86E-05	1.08E-05	1.10E-05	1.00E-05	4.57E-06	4.31E-06	2.06E-07	4.98E-06	1.10E-06	1.50E-06	2.38E-06	4.19E-07	2.26E-06	1.28E-05
3059	480722.1	3851187.4	1.53E-02	1.57E-02	1.48E-02	5.31E-06	1.60E-05	9.28E-06	9.50E-06	8.61E-06	3.93E-06	3.71E-06	1.77E-07	4.28E-06	9.45E-07	1.29E-06	2.05E-06	3.61E-07	1.95E-06	1.10E-05
3060	471363.1	3845877.3	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
3061	471863.1	3845877.3	5.45E-04	5.58E-04	5.26E-04	1.89E-07	5.69E-07	3.30E-07	3.38E-07	3.06E-07	1.40E-07	1.32E-07	6.30E-09	1.52E-07	3.36E-08	4.58E-08	7.27E-08	1.28E-08	6.91E-08	3.92E-07
3062	472363.1	3845877.3	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
3063	472863.1	3845877.3	6.05E-04	6.20E-04	5.85E-04	2.09E-07	6.32E-07	3.66E-07	3.75E-07	3.40E-07	1.55E-07	1.46E-07	6.99E-09	1.69E-07	3.73E-08	5.09E-08	8.08E-08	1.42E-08	7.68E-08	4.36E-07
3064	473363.1	3845877.3	6.20E-04	6.35E-04	5.99E-04	2.15E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.59E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	5.22E-08	8.27E-08	1.46E-08	7.87E-08	4.47E-07
3065	473863.1	3845877.3	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
3066	474363.1	3845877.3	6.67E-04	6.83E-04	6.44E-04	2.31E-07	6.97E-07	4.04E-07	4.13E-07	3.75E-07	1.71E-07	1.61E-07	7.71E-09	1.86E-07	4.11E-08	5.61E-08	8.90E-08	1.57E-08	8.47E-08	4.81E-07
3067	474863.1	3845877.3	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
3068	475363.1	3845877.3	6.97E-04	7.13E-04	6.73E-04	2.41E-07	7.28E-07	4.21E-07	4.32E-07	3.91E-07	1.79E-07	1.68E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.64E-08	8.84E-08	5.02E-07
3069	475863.1	3845877.3	6.79E-04	6.95E-04	6.56E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.74E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.71E-08	9.06E-08	1.60E-08	8.61E-08	4.89E-07
3070	476363.1	3845877.3	6.45E-04	6.61E-04	6.23E-04	2.23E-07	6.74E-07	3.90E-07	4.00E-07	3.62E-07	1.65E-07	1.56E-07	7.46E-09	1.80E-07	3.97E-08	5.43E-08	8.61E-08	1.52E-08	8.18E-08	4.65E-07
3071	476863.1	3845877.3	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
3072	477363.1	3845877.3	5.76E-04	5.90E-04	5.56E-04	1.99E-07	6.02E-07	3.48E-07	3.57E-07	3.23E-07	1.48E-07	1.39E-07	6.65E-09	1.61E-07	3.55E-08	4.84E-08	7.68E-08	1.35E-08	7.30E-08	4.15E-07
3073	477863.1	3845877.3	5.40E-04	5.53E-04	5.22E-04	1.87E-07	5.65E-07	3.27E-07	3.35E-07	3.03E-07	1.38E-07	1.31E-07	6.24E-09	1.51E-07	3.33E-08	4.55E-08	7.21E-08	1.27E-08	6.85E-08	3.89E-07

3074	478363.1	3845877.3	5.20E-04	5.32E-04	5.02E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.33E-07	1.26E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.22E-08	6.59E-08	3.74E-07
3075	478863.1	3845877.3	5.00E-04	5.12E-04	4.83E-04	1.73E-07	5.23E-07	3.03E-07	3.10E-07	2.81E-07	1.28E-07	1.21E-07	5.78E-09	1.40E-07	3.08E-08	4.21E-08	6.68E-08	1.18E-08	6.35E-08	3.60E-07
3076	479363.1	3845877.3	4.90E-04	5.02E-04	4.73E-04	1.70E-07	5.12E-07	2.96E-07	3.04E-07	2.75E-07	1.26E-07	1.18E-07	5.66E-09	1.37E-07	3.02E-08	4.12E-08	6.54E-08	1.15E-08	6.22E-08	3.53E-07
3077	479863.1	3845877.3	4.71E-04	4.82E-04	4.55E-04	1.63E-07	4.92E-07	2.85E-07	2.92E-07	2.64E-07	1.21E-07	1.14E-07	5.44E-09	1.31E-07	2.90E-08	3.96E-08	6.28E-08	1.11E-08	5.97E-08	3.39E-07
3078	480363.1	3845877.3	4.40E-04	4.50E-04	4.25E-04	1.52E-07	4.60E-07	2.66E-07	2.73E-07	2.47E-07	1.13E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.70E-08	5.87E-08	1.03E-08	5.58E-08	3.17E-07
3079	480863.1	3845877.3	4.21E-04	4.31E-04	4.06E-04	1.46E-07	4.40E-07	2.55E-07	2.61E-07	2.36E-07	1.08E-07	1.02E-07	4.86E-09	1.17E-07	2.59E-08	3.54E-08	5.61E-08	9.89E-09	5.34E-08	3.03E-07
3080	481363.1	3845877.3	4.03E-04	4.13E-04	3.89E-04	1.39E-07	4.21E-07	2.44E-07	2.50E-07	2.26E-07	1.03E-07	9.74E-08	4.66E-09	1.13E-07	2.48E-08	3.39E-08	5.38E-08	9.48E-09	5.11E-08	2.90E-07
3081	481863.1	3845877.3	3.84E-04	3.93E-04	3.71E-04	1.33E-07	4.01E-07	2.32E-07	2.38E-07	2.16E-07	9.84E-08	9.28E-08	4.44E-09	1.07E-07	2.36E-08	3.23E-08	5.12E-08	9.03E-09	4.87E-08	2.76E-07
3082	482363.1	3845877.3	3.65E-04	3.73E-04	3.52E-04	1.26E-07	3.81E-07	2.21E-07	2.26E-07	2.05E-07	9.34E-08	8.81E-08	4.21E-09	1.02E-07	2.25E-08	3.07E-08	4.87E-08	8.58E-09	4.63E-08	2.63E-07
3083	482863.1	3845877.3	3.25E-04	3.33E-04	3.14E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.32E-08	7.85E-08	3.75E-09	9.07E-08	2.00E-08	2.73E-08	4.33E-08	7.64E-09	4.12E-08	2.34E-07
3084	483363.1	3845877.3	3.06E-04	3.13E-04	2.95E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.83E-08	7.39E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.19E-09	3.88E-08	2.20E-07
3085	483863.1	3845877.3	3.29E-04	3.37E-04	3.18E-04	1.14E-07	3.44E-07	1.99E-07	2.04E-07	1.85E-07	8.44E-08	7.96E-08	3.80E-09	9.19E-08	2.03E-08	2.77E-08	4.39E-08	7.74E-09	4.18E-08	2.37E-07
3086	484363.1	3845877.3	3.26E-04	3.34E-04	3.15E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.36E-08	7.89E-08	3.77E-09	9.11E-08	2.01E-08	2.74E-08	4.35E-08	7.67E-09	4.14E-08	2.35E-07
3087	484863.1	3845877.3	3.19E-04	3.27E-04	3.08E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.17E-08	7.71E-08	3.69E-09	8.90E-08	1.96E-08	2.68E-08	4.26E-08	7.50E-09	4.05E-08	2.30E-07
3088	485363.1	3845877.3	3.07E-04	3.14E-04	2.97E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.42E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.90E-08	2.21E-07
3089	485863.1	3845877.3	3.07E-04	3.14E-04	2.97E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.42E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.90E-08	2.21E-07
3090	486363.1	3845877.3	3.03E-04	3.10E-04	2.92E-04	1.05E-07	3.16E-07	1.83E-07	1.88E-07	1.70E-07	7.76E-08	7.32E-08	3.50E-09	8.45E-08	1.86E-08	2.55E-08	4.04E-08	7.12E-09	3.84E-08	2.18E-07
3091	486863.1	3845877.3	2.91E-04	2.98E-04	2.81E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.45E-08	7.03E-08	3.36E-09	8.12E-08	1.79E-08	2.45E-08	3.88E-08	6.84E-09	3.69E-08	2.09E-07
3092	487363.1	3845877.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3093	487863.1	3845877.3	2.76E-04	2.83E-04	2.67E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	7.07E-08	6.67E-08	3.19E-09	7.71E-08	1.70E-08	2.32E-08	3.68E-08	6.49E-09	3.50E-08	1.99E-07
3094	488363.1	3845877.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
3095	488863.1	3845877.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3096	489363.1	3845877.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
3097	489863.1	3845877.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
3098	490363.1	3845877.3	2.58E-04	2.65E-04	2.50E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
3099	490863.1	3845877.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
3100	491363.1	3845877.3	2.45E-04	2.51E-04	2.37E-04	8.48E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.28E-08	5.92E-08	2.83E-09	6.84E-08	1.51E-08	2.06E-08	3.27E-08	5.76E-09	3.11E-08	1.77E-07
3101	491863.1	3845877.3	2.49E-04	2.55E-04	2.41E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	6.03E-08	2.88E-09	6.96E-08	1.54E-08	2.10E-08	3.33E-08	5.87E-09	3.17E-08	1.80E-07
3102	492363.1	3845877.3	2.32E-04	2.37E-04	2.24E-04	8.02E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.60E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.94E-08	1.67E-07
3103	492863.1	3845877.3	2.48E-04	2.54E-04	2.40E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.00E-08	2.87E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
3104	493363.1	3845877.3	2.52E-04	2.58E-04	2.44E-04	8.74E-08	2.64E-07	1.53E-07	1.56E-07	1.42E-07	6.47E-08	6.10E-08	2.92E-09	7.05E-08	1.55E-08	2.12E-08	3.37E-08	5.94E-09	3.20E-08	1.82E-07
3105	493863.1	3845877.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
3106	494363.1	3845877.3	2.57E-04	2.63E-04	2.48E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.58E-08	6.21E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	6.04E-09	3.26E-08	1.85E-07
3107	494863.1	3845877.3	2.57E-04	2.63E-04	2.48E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.58E-08	6.21E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	6.04E-09	3.26E-08	1.85E-07
3108	495363.1	3845877.3	2.58E-04	2.65E-04	2.50E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
3109	495863.1	3845877.3	2.60E-04	2.66E-04	2.51E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.66E-08	6.28E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.11E-09	3.30E-08	1.87E-07
3110	496363.1	3845877.3	2.61E-04	2.68E-04	2.52E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.70E-08	6.32E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.15E-09	3.31E-08	1.88E-07
3111	496863.1	3845877.3	2.60E-04	2.66E-04	2.51E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.66E-08	6.28E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.11E-09	3.30E-08	1.87E-07
3112	497363.1	3845877.3	2.60E-04	2.66E-04	2.51E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.66E-08	6.28E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.11E-09	3.30E-08	1.87E-07
3113	497863.1	3845877.3	2.58E-04	2.65E-04	2.50E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
3114	498363.1	3845877.3	2.57E-04	2.63E-04	2.48E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.58E-08	6.21E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	6.04E-09	3.26E-08	1.85E-07
3115	471363.1	3846377.3	1.00E-02	1.03E-02	9.69E-03	3.47E-06	1.05E-05	6.07E-06	6.21E-06	5.63E-06	2.57E-06	2.42E-06	1.16E-07	2.80E-06	6.18E-07	8.44E-07	1.34E-06	2.36E-07	1.27E-06	7.22E-06
3116	471863.1	3846377.3	8.47E-03	8.67E-03	8.18E-03	2.93E-06	8.85E-06	5.12E-06	5.25E-06	4.76E-06	2.17E-06	2.05E-06	9.79E-08	2.36E-06	5.22E-07	7.13E-07	1.13E-06	1.99E-07	1.07E-06	6.10E-06
3117	472363.1	3846377.3	2.58E-03	2.64E-03	2.49E-03	8.92E-07	2.69E-06	1.56E-06	1.60E-06	1.45E-06	6.61E-07	6.23E-07	2.98E-08	7.20E-07	1.59E-07	2.17E-07	3.44E-07	6.06E-08	3.27E-07	1.86E-06
3118	472863.1	3846377.3	1.79E-03	1.83E-03	1.73E-03	6.19E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.59E-07	4.33E-07	2.07E-08	4.99E-07	1.10E-07	1.51E-07	2.39E-07	4.21E-08	2.27E-07	1.29E-06
3119	473363.1	3846377.3	1.41E-03	1.44E-03	1.36E-03	4.88E-07	1.47E-06	8.53E-07	8.73E-07	7.92E-07	3.61E-07	3.41E-07	1.63E-08	3.94E-07	8.68E-08	1.19E-07	1.88E-07	3.32E-08	1.79E-07	1.02E-06
3120	473863.1	3846377.3	1.26E-03	1.29E-03	1.22E-03	4.37E-07	1.32E-06	7.64E-07	7.82E-07	7.09E-07	3.23E-07	3.05E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.97E-08	1.60E-07	9.09E-07
3121	474363.1	3846377.3	1.14E-03	1.17E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.92E-07	2.76E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.68E-08	1.45E-07	8.22E-07
3122	474863.1	3846377.3	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.48E-07	6.64E-07	6.02E-07	2.75E-07	2.59E-07	1.24E-08	2.99E-07	6.60E-08	9.02E-08	1.43E-07	2.52E-08	1.36E-07	7.72E-07
3123	475363.1	3846377.3	9.96E-04	1.02E-03	9.62E-04	3.45E-07	1.04E-06	6.03E-07	6.17E-07	5.60E-07	2.55E-07	2.41E-07	1.15E-08	2.78E-07	6.14E-08	8.38E-08	1.33E-07	2.34E-08	1.26E-07	7.18E-07
3124	475863.1	3846377.3	9.40E-04	9.63E-04	9.08E-04	3.25E-07	9.83E-07	5.69E-07	5.83E-07	5.28E-07	2.41E-07	2.27E-07	1.09E-08	2.63E-07	5.79E-08	7.91E-08	1.25E-07	2.21E-08	1.19E-07	6.77E-07
3125	476363.1	3846377.3	8.63E-04	8.84E-04	8.34E-04	2.99E-07	9.02E-07	5.22E-07	5.35E-07	4.85E-07	2.21E-07	2.09E-07	9.98E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	2.03E-08	1.10E-07	6.22E-07
3126	476863.1	3846377.3	7.98E-04	8.18E-04	7.71E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.49E-07	2.05E-07	1.93E-07	9.23E-09	2.23E-07	4.92E-08	6.72E-08	1.07E-07	1.88E-08	1.01E-07	5.75E-07
3127	477363.1	3846377.3	7.41E-04	7.59E-04	7.16E-04	2.56E-07	7.74E-07	4.48E-07	4.59E-07	4.16E-07	1.90E-07	1.79E-07	8.56E-09	2.07E-07	4.56E-08	6.23E-08	9.89E-08	1.74E-08	9.40E-08	5.34E-07
3128	477863.1	3846377.3	6.83E-04	7.00E-04	6.60E-04	2.37E-07	7.14E-07	4.13E-07	4.23E-07	3.84E-07	1.75E-07	1.65E-07	7.90E-09	1.91E-07	4.21E-08	5.75E-08	9.12E-08	1.61E-08	8.67E-08	4.92E-07
3129	478363.1	3846377.3	6.42E-04	6.58E-04	6.20E-04	2.22E-07	6.71E-07	3.88E-07	3.98E-07	3.61E-07	1.65E-07	1.55E-07	7.42E-09	1.79E-07	3.96E-08	5.40E-08	8.57E-08	1.51E-08	8.15E-08	4.63E-07

3130	478863.1	3846377.3	6.18E-04	6.33E-04	5.97E-04	2.14E-07	6.46E-07	3.74E-07	3.83E-07	3.47E-07	1.59E-07	1.50E-07	7.15E-09	1.73E-07	3.81E-08	5.20E-08	8.25E-08	1.45E-08	7.85E-08	4.46E-07
3131	479363.1	3846377.3	5.90E-04	6.05E-04	5.70E-04	2.04E-07	6.17E-07	3.57E-07	3.66E-07	3.32E-07	1.51E-07	1.43E-07	6.82E-09	1.65E-07	3.64E-08	4.97E-08	7.88E-08	1.39E-08	7.49E-08	4.25E-07
3132	479863.1	3846377.3	5.59E-04	5.73E-04	5.40E-04	1.94E-07	5.85E-07	3.38E-07	3.47E-07	3.14E-07	1.43E-07	1.35E-07	6.47E-09	1.56E-07	3.45E-08	4.71E-08	7.47E-08	1.32E-08	7.10E-08	4.03E-07
3133	480363.1	3846377.3	5.40E-04	5.53E-04	5.22E-04	1.87E-07	5.65E-07	3.27E-07	3.35E-07	3.03E-07	1.38E-07	1.31E-07	6.24E-09	1.51E-07	3.33E-08	4.55E-08	7.21E-08	1.27E-08	6.85E-08	3.89E-07
3134	480863.1	3846377.3	4.97E-04	5.09E-04	4.81E-04	1.72E-07	5.20E-07	3.01E-07	3.08E-07	2.79E-07	1.27E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	4.18E-08	6.64E-08	1.17E-08	6.31E-08	3.58E-07
3135	481363.1	3846377.3	4.77E-04	4.88E-04	4.61E-04	1.65E-07	4.98E-07	2.88E-07	2.95E-07	2.68E-07	1.22E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	4.01E-08	6.36E-08	1.12E-08	6.05E-08	3.43E-07
3136	481863.1	3846377.3	4.50E-04	4.61E-04	4.35E-04	1.56E-07	4.70E-07	2.72E-07	2.79E-07	2.53E-07	1.15E-07	1.09E-07	5.20E-09	1.26E-07	2.77E-08	3.79E-08	6.01E-08	1.06E-08	5.71E-08	3.24E-07
3137	482363.1	3846377.3	4.22E-04	4.32E-04	4.08E-04	1.46E-07	4.41E-07	2.55E-07	2.62E-07	2.37E-07	1.08E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.55E-08	5.63E-08	9.93E-09	5.36E-08	3.04E-07
3138	482863.1	3846377.3	3.85E-04	3.95E-04	3.72E-04	1.33E-07	4.03E-07	2.33E-07	2.39E-07	2.16E-07	9.87E-08	9.31E-08	4.45E-09	1.08E-07	2.37E-08	3.24E-08	5.14E-08	9.06E-09	4.89E-08	2.78E-07
3139	483363.1	3846377.3	3.88E-04	3.98E-04	3.75E-04	1.34E-07	4.06E-07	2.35E-07	2.41E-07	2.18E-07	9.95E-08	9.39E-08	4.49E-09	1.08E-07	2.39E-08	3.27E-08	5.18E-08	9.13E-09	4.93E-08	2.80E-07
3140	483863.1	3846377.3	3.78E-04	3.87E-04	3.65E-04	1.31E-07	3.95E-07	2.29E-07	2.34E-07	2.12E-07	9.69E-08	9.14E-08	4.37E-09	1.05E-07	2.33E-08	3.18E-08	5.04E-08	8.89E-09	4.79E-08	2.72E-07
3141	484363.1	3846377.3	3.57E-04	3.66E-04	3.45E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.01E-07	9.16E-08	8.64E-08	4.13E-09	9.97E-08	2.20E-08	3.01E-08	4.77E-08	8.40E-09	4.53E-08	2.57E-07
3142	484863.1	3846377.3	3.66E-04	3.75E-04	3.54E-04	1.27E-07	3.83E-07	2.21E-07	2.27E-07	2.06E-07	9.38E-08	8.85E-08	4.23E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.61E-09	4.64E-08	2.64E-07
3143	485363.1	3846377.3	3.62E-04	3.70E-04	3.49E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.27E-08	8.74E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.51E-09	4.59E-08	2.61E-07
3144	485863.1	3846377.3	3.47E-04	3.55E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.89E-08	8.39E-08	4.01E-09	9.68E-08	2.14E-08	2.92E-08	4.63E-08	8.16E-09	4.40E-08	2.50E-07
3145	486363.1	3846377.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
3146	486863.1	3846377.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
3147	487363.1	3846377.3	3.11E-04	3.19E-04	3.01E-04	1.08E-07	3.25E-07	1.88E-07	1.93E-07	1.75E-07	7.98E-08	7.53E-08	3.60E-09	8.70E-08	1.92E-08	2.62E-08	4.16E-08	7.33E-09	3.95E-08	2.24E-07
3148	487863.1	3846377.3	3.22E-04	3.30E-04	3.11E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.81E-07	8.25E-08	7.78E-08	3.72E-09	8.98E-08	1.98E-08	2.71E-08	4.29E-08	7.57E-09	4.08E-08	2.32E-07
3149	488363.1	3846377.3	3.14E-04	3.22E-04	3.04E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	8.06E-08	7.60E-08	3.63E-09	8.78E-08	1.94E-08	2.65E-08	4.20E-08	7.40E-09	3.99E-08	2.26E-07
3150	488863.1	3846377.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
3151	489363.1	3846377.3	3.06E-04	3.13E-04	2.95E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.83E-08	7.39E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.19E-09	3.88E-08	2.20E-07
3152	489863.1	3846377.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
3153	490363.1	3846377.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
3154	490863.1	3846377.3	2.58E-04	2.65E-04	2.50E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
3155	491363.1	3846377.3	2.54E-04	2.60E-04	2.45E-04	8.79E-08	2.65E-07	1.54E-07	1.57E-07	1.43E-07	6.51E-08	6.14E-08	2.93E-09	7.09E-08	1.56E-08	2.14E-08	3.39E-08	5.97E-09	3.22E-08	1.83E-07
3156	491863.1	3846377.3	2.69E-04	2.75E-04	2.60E-04	9.30E-08	2.81E-07	1.63E-07	1.66E-07	1.51E-07	6.89E-08	6.49E-08	3.10E-09	7.50E-08	1.65E-08	2.26E-08	3.59E-08	6.32E-09	3.41E-08	1.94E-07
3157	492363.1	3846377.3	2.61E-04	2.68E-04	2.52E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.70E-08	6.32E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.15E-09	3.31E-08	1.88E-07
3158	492863.1	3846377.3	2.61E-04	2.68E-04	2.52E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.70E-08	6.32E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.15E-09	3.31E-08	1.88E-07
3159	493363.1	3846377.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
3160	493863.1	3846377.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
3161	494363.1	3846377.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
3162	494863.1	3846377.3	2.73E-04	2.80E-04	2.64E-04	9.45E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	7.00E-08	6.60E-08	3.16E-09	7.62E-08	1.68E-08	2.30E-08	3.64E-08	6.42E-09	3.46E-08	1.97E-07
3163	495363.1	3846377.3	2.73E-04	2.80E-04	2.64E-04	9.45E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	7.00E-08	6.60E-08	3.16E-09	7.62E-08	1.68E-08	2.30E-08	3.64E-08	6.42E-09	3.46E-08	1.97E-07
3164	495863.1	3846377.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
3165	496363.1	3846377.3	2.76E-04	2.83E-04	2.67E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	7.07E-08	6.67E-08	3.19E-09	7.71E-08	1.70E-08	2.32E-08	3.68E-08	6.49E-09	3.50E-08	1.99E-07
3166	496863.1	3846377.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
3167	497363.1	3846377.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
3168	497863.1	3846377.3	2.73E-04	2.80E-04	2.64E-04	9.45E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	7.00E-08	6.60E-08	3.16E-09	7.62E-08	1.68E-08	2.30E-08	3.64E-08	6.42E-09	3.46E-08	1.97E-07
3169	498363.1	3846377.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
3170	471363.1	3846877.3	1.38E-03	1.41E-03	1.33E-03	4.76E-07	1.44E-06	8.32E-07	8.52E-07	7.73E-07	3.53E-07	3.33E-07	1.59E-08	3.84E-07	8.47E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.91E-07
3171	471863.1	3846877.3	2.92E-03	2.99E-03	2.82E-03	1.01E-06	3.05E-06	1.77E-06	1.81E-06	1.64E-06	7.49E-07	7.07E-07	3.38E-08	8.16E-07	1.80E-07	2.46E-07	3.90E-07	6.87E-08	3.71E-07	2.11E-06
3172	472363.1	3846877.3	3.71E-02	3.80E-02	3.59E-02	1.29E-05	3.88E-05	2.25E-05	2.30E-05	2.09E-05	9.52E-06	8.98E-06	4.29E-07	1.04E-05	2.29E-06	3.12E-06	4.96E-06	8.73E-07	4.71E-06	2.67E-05
3173	472863.1	3846877.3	4.45E-03	4.55E-03	4.29E-03	1.54E-06	4.65E-06	2.69E-06	2.75E-06	2.50E-06	1.14E-06	1.07E-06	5.14E-08	1.24E-06	2.74E-07	3.74E-07	5.93E-07	1.05E-07	5.64E-07	3.20E-06
3174	473363.1	3846877.3	2.74E-03	2.81E-03	2.65E-03	9.50E-07	2.87E-06	1.66E-06	1.70E-06	1.54E-06	7.03E-07	6.63E-07	3.17E-08	7.66E-07	1.69E-07	2.31E-07	3.66E-07	6.45E-08	3.48E-07	1.98E-06
3175	473863.1	3846877.3	2.22E-03	2.27E-03	2.14E-03	7.68E-07	2.32E-06	1.34E-06	1.37E-06	1.25E-06	5.69E-07	5.36E-07	2.56E-08	6.19E-07	1.37E-07	1.87E-07	2.96E-07	5.22E-08	2.81E-07	1.60E-06
3176	474363.1	3846877.3	1.78E-03	1.82E-03	1.72E-03	6.16E-07	1.86E-06	1.08E-06	1.10E-06	9.99E-07	4.56E-07	4.30E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.37E-07	4.18E-08	2.26E-07	1.28E-06
3177	474863.1	3846877.3	1.51E-03	1.54E-03	1.46E-03	5.22E-07	1.58E-06	9.13E-07	9.35E-07	8.47E-07	3.87E-07	3.65E-07	1.74E-08	4.21E-07	9.29E-08	1.27E-07	2.01E-07	3.55E-08	1.91E-07	1.09E-06
3178	475363.1	3846877.3	1.32E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.96E-07	8.15E-07	7.39E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.10E-08	1.11E-07	1.76E-07	3.09E-08	1.67E-07	9.47E-07
3179	475863.1	3846877.3	1.24E-03	1.27E-03	1.19E-03	4.28E-07	1.29E-06	7.48E-07	7.66E-07	6.95E-07	3.17E-07	2.99E-07	1.43E-08	3.45E-07	7.62E-08	1.04E-07	1.65E-07	2.91E-08	1.57E-07	8.91E-07
3180	476363.1	3846877.3	1.13E-03	1.16E-03	1.09E-03	3.92E-07	1.18E-06	6.85E-07	7.02E-07	6.36E-07	2.90E-07	2.74E-07	1.31E-08	3.16E-07	6.97E-08	9.52E-08	1.51E-07	2.66E-08	1.44E-07	8.16E-07
3181	476863.1	3846877.3	1.02E-03	1.05E-03	9.90E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.63E-07	2.48E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.41E-08	1.30E-07	7.38E-07
3182	477363.1	3846877.3	9.39E-04	9.61E-04	9.07E-04	3.25E-07	9.81E-07	5.68E-07	5.82E-07	5.27E-07	2.41E-07	2.27E-07	1.09E-08	2.62E-07	5.78E-08	7.90E-08	1.25E-07	2.21E-08	1.19E-07	6.76E-07
3183	477863.1	3846877.3	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
3184	478363.1	3846877.3	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
3185	478863.1	3846877.3	7.53E-04	7.71E-04	7.27E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.93E-07	1.82E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.77E-08	9.55E-08	5.42E-07

3186	479363.1	3846877.3	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
3187	479863.1	3846877.3	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
3188	480363.1	3846877.3	5.73E-04	5.87E-04	5.53E-04	1.98E-07	5.99E-07	3.46E-07	3.55E-07	3.22E-07	1.47E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.82E-08	7.64E-08	1.35E-08	7.27E-08	4.13E-07
3189	480863.1	3846877.3	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
3190	481363.1	3846877.3	5.31E-04	5.44E-04	5.13E-04	1.84E-07	5.55E-07	3.21E-07	3.29E-07	2.98E-07	1.36E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.47E-08	7.09E-08	1.25E-08	6.74E-08	3.83E-07
3191	481863.1	3846877.3	5.11E-04	5.23E-04	4.93E-04	1.77E-07	5.34E-07	3.09E-07	3.16E-07	2.87E-07	1.31E-07	1.23E-07	5.90E-09	1.43E-07	3.15E-08	4.30E-08	6.82E-08	1.20E-08	6.48E-08	3.68E-07
3192	482363.1	3846877.3	4.71E-04	4.82E-04	4.55E-04	1.63E-07	4.92E-07	2.85E-07	2.92E-07	2.64E-07	1.21E-07	1.14E-07	5.44E-09	1.31E-07	2.90E-08	3.96E-08	6.28E-08	1.11E-08	5.97E-08	3.39E-07
3193	482863.1	3846877.3	4.55E-04	4.66E-04	4.39E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.55E-07	1.17E-07	1.10E-07	5.25E-09	1.27E-07	2.80E-08	3.82E-08	6.07E-08	1.07E-08	5.77E-08	3.27E-07
3194	483363.1	3846877.3	4.41E-04	4.52E-04	4.26E-04	1.53E-07	4.61E-07	2.67E-07	2.73E-07	2.48E-07	1.13E-07	1.07E-07	5.10E-09	1.23E-07	2.72E-08	3.71E-08	5.89E-08	1.04E-08	5.60E-08	3.18E-07
3195	483863.1	3846877.3	4.28E-04	4.38E-04	4.13E-04	1.48E-07	4.47E-07	2.59E-07	2.65E-07	2.40E-07	1.10E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.60E-08	5.71E-08	1.01E-08	5.43E-08	3.08E-07
3196	484363.1	3846877.3	4.22E-04	4.32E-04	4.08E-04	1.46E-07	4.41E-07	2.55E-07	2.62E-07	2.37E-07	1.08E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.55E-08	5.63E-08	9.93E-09	5.36E-08	3.04E-07
3197	484863.1	3846877.3	4.09E-04	4.19E-04	3.95E-04	1.42E-07	4.27E-07	2.47E-07	2.53E-07	2.30E-07	1.05E-07	9.88E-08	4.73E-09	1.14E-07	2.52E-08	3.44E-08	5.46E-08	9.62E-09	5.19E-08	2.95E-07
3198	485363.1	3846877.3	4.03E-04	4.13E-04	3.89E-04	1.39E-07	4.21E-07	2.44E-07	2.50E-07	2.26E-07	1.03E-07	9.74E-08	4.66E-09	1.13E-07	2.48E-08	3.39E-08	5.38E-08	9.48E-09	5.11E-08	2.90E-07
3199	485863.1	3846877.3	3.88E-04	3.98E-04	3.75E-04	1.34E-07	4.06E-07	2.35E-07	2.41E-07	2.18E-07	9.95E-08	9.39E-08	4.49E-09	1.08E-07	2.39E-08	3.27E-08	5.18E-08	9.13E-09	4.93E-08	2.80E-07
3200	486363.1	3846877.3	3.90E-04	3.99E-04	3.76E-04	1.35E-07	4.07E-07	2.36E-07	2.41E-07	2.19E-07	9.99E-08	9.42E-08	4.50E-09	1.09E-07	2.40E-08	3.28E-08	5.20E-08	9.17E-09	4.94E-08	2.81E-07
3201	486863.1	3846877.3	3.60E-04	3.69E-04	3.48E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.23E-08	8.71E-08	4.16E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.47E-09	4.57E-08	2.59E-07
3202	487363.1	3846877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
3203	487863.1	3846877.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
3204	488363.1	3846877.3	3.42E-04	3.51E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	8.05E-09	4.34E-08	2.47E-07
3205	488863.1	3846877.3	3.38E-04	3.46E-04	3.27E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.90E-07	8.66E-08	8.17E-08	3.91E-09	9.44E-08	2.08E-08	2.84E-08	4.51E-08	7.95E-09	4.29E-08	2.43E-07
3206	489363.1	3846877.3	3.34E-04	3.42E-04	3.22E-04	1.15E-07	3.49E-07	2.02E-07	2.07E-07	1.87E-07	8.55E-08	8.06E-08	3.86E-09	9.31E-08	2.06E-08	2.81E-08	4.45E-08	7.85E-09	4.23E-08	2.40E-07
3207	489863.1	3846877.3	3.22E-04	3.30E-04	3.11E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.81E-07	8.25E-08	7.78E-08	3.72E-09	8.98E-08	1.98E-08	2.71E-08	4.29E-08	7.57E-09	4.08E-08	2.32E-07
3208	490363.1	3846877.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
3209	490863.1	3846877.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
3210	491363.1	3846877.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3211	491863.1	3846877.3	2.76E-04	2.83E-04	2.67E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	7.07E-08	6.67E-08	3.19E-09	7.71E-08	1.70E-08	2.32E-08	3.68E-08	6.49E-09	3.50E-08	1.99E-07
3212	492363.1	3846877.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
3213	492863.1	3846877.3	2.88E-04	2.95E-04	2.78E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.38E-08	6.96E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.77E-09	3.65E-08	2.07E-07
3214	493363.1	3846877.3	2.88E-04	2.95E-04	2.78E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.38E-08	6.96E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.77E-09	3.65E-08	2.07E-07
3215	493863.1	3846877.3	2.88E-04	2.95E-04	2.78E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.38E-08	6.96E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.77E-09	3.65E-08	2.07E-07
3216	494363.1	3846877.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3217	494863.1	3846877.3	2.85E-04	2.92E-04	2.75E-04	9.86E-08	2.98E-07	1.72E-07	1.77E-07	1.60E-07	7.30E-08	6.89E-08	3.29E-09	7.95E-08	1.76E-08	2.40E-08	3.80E-08	6.70E-09	3.61E-08	2.05E-07
3218	495363.1	3846877.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3219	495863.1	3846877.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
3220	496363.1	3846877.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
3221	496863.1	3846877.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3222	497363.1	3846877.3	2.85E-04	2.92E-04	2.75E-04	9.86E-08	2.98E-07	1.72E-07	1.77E-07	1.60E-07	7.30E-08	6.89E-08	3.29E-09	7.95E-08	1.76E-08	2.40E-08	3.80E-08	6.70E-09	3.61E-08	2.05E-07
3223	497863.1	3846877.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3224	498363.1	3846877.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
3225	471363.1	3847377.3	8.90E-04	9.12E-04	8.60E-04	3.08E-07	9.30E-07	5.38E-07	5.52E-07	5.00E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.48E-08	7.49E-08	1.19E-07	2.09E-08	1.13E-07	6.41E-07
3226	471863.1	3847377.3	1.21E-03	1.24E-03	1.17E-03	4.20E-07	1.27E-06	7.35E-07	7.53E-07	6.82E-07	3.11E-07	2.94E-07	1.40E-08	3.39E-07	7.48E-08	1.02E-07	1.62E-07	2.86E-08	1.54E-07	8.75E-07
3227	472363.1	3847377.3	2.09E-03	2.14E-03	2.02E-03	7.24E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.36E-07	5.06E-07	2.42E-08	5.84E-07	1.29E-07	1.76E-07	2.79E-07	4.92E-08	2.66E-07	1.51E-06
3228	472863.1	3847377.3	9.38E-03	9.61E-03	9.06E-03	3.25E-06	9.80E-06	5.68E-06	5.81E-06	5.27E-06	2.40E-06	2.27E-06	1.08E-07	2.62E-06	5.78E-07	7.89E-07	1.25E-06	2.21E-07	1.19E-06	6.76E-06
3229	473363.1	3847377.3	8.63E-03	8.84E-03	8.34E-03	2.99E-06	9.02E-06	5.22E-06	5.35E-06	4.85E-06	2.21E-06	2.09E-06	9.98E-08	2.41E-06	5.32E-07	7.26E-07	1.15E-06	2.03E-07	1.10E-06	6.22E-06
3230	473863.1	3847377.3	4.06E-03	4.16E-03	3.92E-03	1.40E-06	4.24E-06	2.46E-06	2.52E-06	2.28E-06	1.04E-06	9.81E-07	4.69E-08	1.13E-06	2.50E-07	3.41E-07	5.42E-07	9.55E-08	5.15E-07	2.92E-06
3231	474363.1	3847377.3	2.98E-03	3.05E-03	2.88E-03	1.03E-06	3.11E-06	1.80E-06	1.84E-06	1.67E-06	7.63E-07	7.20E-07	3.44E-08	8.31E-07	1.83E-07	2.50E-07	3.97E-07	7.00E-08	3.78E-07	2.14E-06
3232	474863.1	3847377.3	2.20E-03	2.25E-03	2.13E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.64E-07	5.32E-07	2.54E-08	6.14E-07	1.36E-07	1.85E-07	2.94E-07	5.18E-08	2.79E-07	1.59E-06
3233	475363.1	3847377.3	1.75E-03	1.79E-03	1.69E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.83E-07	4.49E-07	4.23E-07	2.02E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.12E-08	2.22E-07	1.26E-06
3234	475863.1	3847377.3	1.61E-03	1.65E-03	1.55E-03	5.56E-07	1.68E-06	9.72E-07	9.96E-07	9.03E-07	4.12E-07	3.89E-07	1.86E-08	4.49E-07	9.90E-08	1.35E-07	2.15E-07	3.78E-08	2.04E-07	1.16E-06
3235	476363.1	3847377.3	1.47E-03	1.51E-03	1.42E-03	5.09E-07	1.54E-06	8.89E-07	9.11E-07	8.26E-07	3.77E-07	3.55E-07	1.70E-08	4.10E-07	9.06E-08	1.24E-07	1.96E-07	3.46E-08	1.87E-07	1.06E-06
3236	476863.1	3847377.3	1.29E-03	1.32E-03	1.24E-03	4.46E-07	1.35E-06	7.79E-07	7.98E-07	7.23E-07	3.30E-07	3.11E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	3.03E-08	1.63E-07	9.27E-07
3237	477363.1	3847377.3	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.05E-07	7.22E-07	6.54E-07	2.98E-07	2.82E-07	1.35E-08	3.25E-07	7.17E-08	9.80E-08	1.55E-07	2.74E-08	1.48E-07	8.39E-07
3238	477863.1	3847377.3	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.69E-07	2.54E-07	1.21E-08	2.93E-07	6.47E-08	8.84E-08	1.40E-07	2.47E-08	1.33E-07	7.57E-07
3239	478363.1	3847377.3	9.62E-04	9.86E-04	9.30E-04	3.33E-07	1.01E-06	5.82E-07	5.96E-07	5.41E-07	2.47E-07	2.33E-07	1.11E-08	2.69E-07	5.93E-08	8.10E-08	1.28E-07	2.26E-08	1.22E-07	6.93E-07
3240	478863.1	3847377.3	9.05E-04	9.27E-04	8.74E-04	3.13E-07	9.46E-07	5.47E-07	5.61E-07	5.08E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.57E-08	7.61E-08	1.21E-07	2.13E-08	1.15E-07	6.52E-07
3241	479363.1	3847377.3	8.03E-04	8.22E-04	7.76E-04	2.78E-07	8.39E-07	4.86E-07	4.98E-07	4.51E-07	2.06E-07	1.94E-07	9.28E-09	2.24E-07	4.95E-08	6.76E-08	1.07E-07	1.89E-08	1.02E-07	5.78E-07

3242	479863.1	3847377.3	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
3243	480363.1	3847377.3	5.81E-04	5.96E-04	5.62E-04	2.01E-07	6.08E-07	3.52E-07	3.60E-07	3.27E-07	1.49E-07	1.41E-07	6.72E-09	1.62E-07	3.58E-08	4.89E-08	7.76E-08	1.37E-08	7.38E-08	4.19E-07
3244	480863.1	3847377.3	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
3245	481363.1	3847377.3	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
3246	481863.1	3847377.3	5.77E-04	5.91E-04	5.58E-04	2.00E-07	6.03E-07	3.49E-07	3.58E-07	3.24E-07	1.48E-07	1.40E-07	6.67E-09	1.61E-07	3.56E-08	4.86E-08	7.70E-08	1.36E-08	7.32E-08	4.16E-07
3247	482363.1	3847377.3	5.55E-04	5.68E-04	5.36E-04	1.92E-07	5.80E-07	3.36E-07	3.44E-07	3.12E-07	1.42E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.67E-08	7.41E-08	1.31E-08	7.04E-08	4.00E-07
3248	482863.1	3847377.3	5.25E-04	5.38E-04	5.08E-04	1.82E-07	5.49E-07	3.18E-07	3.26E-07	2.95E-07	1.35E-07	1.27E-07	6.07E-09	1.47E-07	3.24E-08	4.42E-08	7.01E-08	1.24E-08	6.67E-08	3.79E-07
3249	483363.1	3847377.3	4.99E-04	5.11E-04	4.82E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.28E-07	1.21E-07	5.77E-09	1.39E-07	3.07E-08	4.20E-08	6.66E-08	1.17E-08	6.33E-08	3.59E-07
3250	483863.1	3847377.3	4.86E-04	4.97E-04	4.69E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.24E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	4.09E-08	6.48E-08	1.14E-08	6.16E-08	3.50E-07
3251	484363.1	3847377.3	4.84E-04	4.96E-04	4.68E-04	1.68E-07	5.06E-07	2.93E-07	3.00E-07	2.72E-07	1.24E-07	1.17E-07	5.60E-09	1.35E-07	2.98E-08	4.07E-08	6.46E-08	1.14E-08	6.14E-08	3.49E-07
3252	484863.1	3847377.3	4.66E-04	4.78E-04	4.51E-04	1.61E-07	4.87E-07	2.82E-07	2.89E-07	2.62E-07	1.20E-07	1.13E-07	5.39E-09	1.30E-07	2.87E-08	3.92E-08	6.23E-08	1.10E-08	5.92E-08	3.36E-07
3253	485363.1	3847377.3	4.55E-04	4.66E-04	4.39E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.55E-07	1.17E-07	1.10E-07	5.25E-09	1.27E-07	2.80E-08	3.82E-08	6.07E-08	1.07E-08	5.77E-08	3.27E-07
3254	485863.1	3847377.3	4.47E-04	4.58E-04	4.32E-04	1.55E-07	4.67E-07	2.71E-07	2.77E-07	2.51E-07	1.15E-07	1.08E-07	5.17E-09	1.25E-07	2.76E-08	3.76E-08	5.97E-08	1.05E-08	5.67E-08	3.22E-07
3255	486363.1	3847377.3	4.41E-04	4.52E-04	4.26E-04	1.53E-07	4.61E-07	2.67E-07	2.73E-07	2.48E-07	1.13E-07	1.07E-07	5.10E-09	1.23E-07	2.72E-08	3.71E-08	5.89E-08	1.04E-08	5.60E-08	3.18E-07
3256	486863.1	3847377.3	4.12E-04	4.22E-04	3.98E-04	1.43E-07	4.30E-07	2.49E-07	2.55E-07	2.31E-07	1.06E-07	9.96E-08	4.76E-09	1.15E-07	2.54E-08	3.46E-08	5.50E-08	9.69E-09	5.23E-08	2.97E-07
3257	487363.1	3847377.3	4.07E-04	4.17E-04	3.94E-04	1.41E-07	4.26E-07	2.46E-07	2.52E-07	2.29E-07	1.04E-07	9.85E-08	4.71E-09	1.14E-07	2.51E-08	3.43E-08	5.44E-08	9.58E-09	5.17E-08	2.93E-07
3258	487863.1	3847377.3	3.88E-04	3.98E-04	3.75E-04	1.34E-07	4.06E-07	2.35E-07	2.41E-07	2.18E-07	9.95E-08	9.39E-08	4.49E-09	1.08E-07	2.39E-08	3.27E-08	5.18E-08	9.13E-09	4.93E-08	2.80E-07
3259	488363.1	3847377.3	3.78E-04	3.87E-04	3.65E-04	1.31E-07	3.95E-07	2.29E-07	2.34E-07	2.12E-07	9.69E-08	9.14E-08	4.37E-09	1.05E-07	2.33E-08	3.18E-08	5.04E-08	8.89E-09	4.79E-08	2.72E-07
3260	488863.1	3847377.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07
3261	489363.1	3847377.3	3.63E-04	3.72E-04	3.51E-04	1.26E-07	3.79E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.78E-08	4.20E-09	1.01E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.61E-08	2.62E-07
3262	489863.1	3847377.3	3.47E-04	3.55E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.89E-08	8.39E-08	4.01E-09	9.68E-08	2.14E-08	2.92E-08	4.63E-08	8.16E-09	4.40E-08	2.50E-07
3263	490363.1	3847377.3	3.31E-04	3.39E-04	3.19E-04	1.14E-07	3.46E-07	2.00E-07	2.05E-07	1.86E-07	8.47E-08	7.99E-08	3.82E-09	9.23E-08	2.04E-08	2.78E-08	4.41E-08	7.78E-09	4.20E-08	2.38E-07
3264	490863.1	3847377.3	3.23E-04	3.31E-04	3.12E-04	1.12E-07	3.38E-07	1.96E-07	2.00E-07	1.82E-07	8.29E-08	7.82E-08	3.74E-09	9.02E-08	1.99E-08	2.72E-08	4.31E-08	7.60E-09	4.10E-08	2.33E-07
3265	491363.1	3847377.3	3.16E-04	3.23E-04	3.05E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.77E-07	8.10E-08	7.64E-08	3.65E-09	8.82E-08	1.95E-08	2.66E-08	4.22E-08	7.43E-09	4.01E-08	2.28E-07
3266	491863.1	3847377.3	3.19E-04	3.27E-04	3.08E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.17E-08	7.71E-08	3.69E-09	8.90E-08	1.96E-08	2.68E-08	4.26E-08	7.50E-09	4.05E-08	2.30E-07
3267	492363.1	3847377.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
3268	492863.1	3847377.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
3269	493363.1	3847377.3	3.07E-04	3.14E-04	2.97E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.42E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.90E-08	2.21E-07
3270	493863.1	3847377.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
3271	494363.1	3847377.3	2.94E-04	3.01E-04	2.84E-04	1.02E-07	3.07E-07	1.78E-07	1.82E-07	1.65E-07	7.53E-08	7.10E-08	3.39E-09	8.20E-08	1.81E-08	2.47E-08	3.92E-08	6.91E-09	3.73E-08	2.12E-07
3272	494863.1	3847377.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
3273	495363.1	3847377.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3274	495863.1	3847377.3	2.85E-04	2.92E-04	2.75E-04	9.86E-08	2.98E-07	1.72E-07	1.77E-07	1.60E-07	7.30E-08	6.89E-08	3.29E-09	7.95E-08	1.76E-08	2.40E-08	3.80E-08	6.70E-09	3.61E-08	2.05E-07
3275	496363.1	3847377.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3276	496863.1	3847377.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3277	497363.1	3847377.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
3278	497863.1	3847377.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
3279	498363.1	3847377.3	2.94E-04	3.01E-04	2.84E-04	1.02E-07	3.07E-07	1.78E-07	1.82E-07	1.65E-07	7.53E-08	7.10E-08	3.39E-09	8.20E-08	1.81E-08	2.47E-08	3.92E-08	6.91E-09	3.73E-08	2.12E-07
3280	471363.1	3847877.3	7.03E-04	7.20E-04	6.79E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.95E-07	1.80E-07	1.70E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.38E-08	1.65E-08	8.91E-08	5.06E-07
3281	471863.1	3847877.3	8.50E-04	8.71E-04	8.21E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.78E-07	2.18E-07	2.06E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	2.00E-08	1.08E-07	6.12E-07
3282	472363.1	3847877.3	1.11E-03	1.14E-03	1.08E-03	3.86E-07	1.16E-06	6.74E-07	6.91E-07	6.26E-07	2.86E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.62E-08	1.41E-07	8.03E-07
3283	472863.1	3847877.3	1.65E-03	1.69E-03	1.60E-03	5.72E-07	1.73E-06	1.00E-06	1.02E-06	9.29E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.89E-08	2.10E-07	1.19E-06
3284	473363.1	3847877.3	3.27E-03	3.35E-03	3.16E-03	1.13E-06	3.42E-06	1.98E-06	2.03E-06	1.84E-06	8.39E-07	7.91E-07	3.78E-08	9.14E-07	2.02E-07	2.75E-07	4.37E-07	7.70E-08	4.15E-07	2.36E-06
3285	473863.1	3847877.3	5.79E-02	5.93E-02	5.59E-02	2.00E-05	6.05E-05	3.50E-05	3.59E-05	3.25E-05	1.48E-05	1.40E-05	6.69E-07	1.62E-05	3.57E-06	4.87E-06	7.73E-06	1.36E-06	7.35E-06	4.17E-05
3286	474363.1	3847877.3	6.22E-03	6.37E-03	6.01E-03	2.15E-06	6.51E-06	3.77E-06	3.86E-06	3.50E-06	1.60E-06	1.50E-06	7.19E-08	1.74E-06	3.83E-07	5.24E-07	8.31E-07	1.46E-07	7.90E-07	4.48E-06
3287	474863.1	3847877.3	3.78E-03	3.87E-03	3.65E-03	1.31E-06	3.95E-06	2.29E-06	2.34E-06	2.12E-06	9.69E-07	9.14E-07	4.37E-08	1.05E-06	2.33E-07	3.18E-07	5.04E-07	8.89E-08	4.79E-07	2.72E-06
3288	475363.1	3847877.3	2.53E-03	2.60E-03	2.45E-03	8.77E-07	2.65E-06	1.53E-06	1.57E-06	1.42E-06	6.50E-07	6.13E-07	2.93E-08	7.08E-07	1.56E-07	2.13E-07	3.38E-07	5.96E-08	3.22E-07	1.83E-06
3289	475863.1	3847877.3	1.95E-03	1.99E-03	1.88E-03	6.74E-07	2.03E-06	1.18E-06	1.21E-06	1.09E-06	4.99E-07	4.71E-07	2.25E-08	5.44E-07	1.20E-07	1.64E-07	2.60E-07	4.58E-08	2.47E-07	1.40E-06
3290	476363.1	3847877.3	1.85E-03	1.90E-03	1.79E-03	6.42E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.75E-07	4.48E-07	2.14E-08	5.18E-07	1.14E-07	1.56E-07	2.47E-07	4.36E-08	2.35E-07	1.34E-06
3291	476863.1	3847877.3	1.62E-03	1.66E-03	1.57E-03	5.61E-07	1.70E-06	9.81E-07	1.01E-06	9.11E-07	4.16E-07	3.92E-07	1.87E-08	4.53E-07	9.99E-08	1.36E-07	2.17E-07	3.82E-08	2.06E-07	1.17E-06
3292	477363.1	3847877.3	1.44E-03	1.47E-03	1.39E-03	4.98E-07	1.50E-06	8.70E-07	8.91E-07	8.08E-07	3.68E-07	3.48E-07	1.66E-08	4.01E-07	8.86E-08	1.21E-07	1.92E-07	3.38E-08	1.82E-07	1.04E-06
3293	477863.1	3847877.3	1.30E-03	1.33E-03	1.26E-03	4.50E-07	1.36E-06	7.87E-07	8.06E-07	7.30E-07	3.33E-07	3.14E-07	1.50E-08	3.63E-07	8.01E-08	1.09E-07	1.74E-07	3.06E-08	1.65E-07	9.37E-07
3294	478363.1	3847877.3	1.18E-03	1.20E-03	1.14E-03	4.07E-07	1.23E-06	7.12E-07	7.29E-07	6.61E-07	3.02E-07	2.84E-07	1.36E-08	3.28E-07	7.25E-08	9.90E-08	1.57E-07	2.77E-08	1.49E-07	8.47E-07
3295	478863.1	3847877.3	1.08E-03	1.11E-03	1.05E-03	3.75E-07	1.13E-06	6.55E-07	6.71E-07	6.09E-07	2.78E-07	2.62E-07	1.25E-08	3.02E-07	6.67E-08	9.11E-08	1.45E-07	2.55E-08	1.37E-07	7.80E-07
3296	479363.1	3847877.3	9.08E-04	9.30E-04	8.77E-04	3.14E-07	9.49E-07	5.49E-07	5.63E-07	5.10E-07	2.33E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.64E-08	1.21E-07	2.14E-08	1.15E-07	6.54E-07
3297	479863.1	3847877.3	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07

3298	480363.1	3847877.3	6.94E-04	7.10E-04	6.70E-04	2.40E-07	7.25E-07	4.20E-07	4.30E-07	3.90E-07	1.78E-07	1.68E-07	8.02E-09	1.94E-07	4.27E-08	5.84E-08	9.26E-08	1.63E-08	8.80E-08	5.00E-07
3299	480863.1	3847877.3	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
3300	481363.1	3847877.3	6.21E-04	6.36E-04	6.00E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.59E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	5.23E-08	8.29E-08	1.46E-08	7.88E-08	4.48E-07
3301	481863.1	3847877.3	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
3302	482363.1	3847877.3	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
3303	482863.1	3847877.3	5.98E-04	6.12E-04	5.77E-04	2.07E-07	6.25E-07	3.62E-07	3.70E-07	3.36E-07	1.53E-07	1.45E-07	6.91E-09	1.67E-07	3.68E-08	5.03E-08	7.98E-08	1.41E-08	7.58E-08	4.31E-07
3304	483363.1	3847877.3	5.68E-04	5.82E-04	5.49E-04	1.97E-07	5.94E-07	3.44E-07	3.52E-07	3.19E-07	1.46E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.78E-08	7.58E-08	1.34E-08	7.21E-08	4.09E-07
3305	483863.1	3847877.3	5.52E-04	5.65E-04	5.33E-04	1.91E-07	5.77E-07	3.34E-07	3.42E-07	3.10E-07	1.41E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.64E-08	7.37E-08	1.30E-08	7.00E-08	3.98E-07
3306	484363.1	3847877.3	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
3307	484863.1	3847877.3	5.28E-04	5.41E-04	5.10E-04	1.83E-07	5.52E-07	3.20E-07	3.27E-07	2.97E-07	1.35E-07	1.28E-07	6.11E-09	1.48E-07	3.26E-08	4.45E-08	7.05E-08	1.24E-08	6.70E-08	3.81E-07
3308	485363.1	3847877.3	5.20E-04	5.32E-04	5.02E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.33E-07	1.26E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.22E-08	6.59E-08	3.74E-07
3309	485863.1	3847877.3	5.09E-04	5.22E-04	4.92E-04	1.76E-07	5.32E-07	3.08E-07	3.16E-07	2.86E-07	1.31E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.28E-08	6.80E-08	1.20E-08	6.46E-08	3.67E-07
3310	486363.1	3847877.3	4.84E-04	4.96E-04	4.68E-04	1.68E-07	5.06E-07	2.93E-07	3.00E-07	2.72E-07	1.24E-07	1.17E-07	5.60E-09	1.35E-07	2.98E-08	4.07E-08	6.46E-08	1.14E-08	6.14E-08	3.49E-07
3311	486863.1	3847877.3	4.63E-04	4.75E-04	4.48E-04	1.60E-07	4.84E-07	2.80E-07	2.87E-07	2.60E-07	1.19E-07	1.12E-07	5.36E-09	1.29E-07	2.86E-08	3.90E-08	6.19E-08	1.09E-08	5.88E-08	3.34E-07
3312	487363.1	3847877.3	4.47E-04	4.58E-04	4.32E-04	1.55E-07	4.67E-07	2.71E-07	2.77E-07	2.51E-07	1.15E-07	1.08E-07	5.17E-09	1.25E-07	2.76E-08	3.76E-08	5.97E-08	1.05E-08	5.67E-08	3.22E-07
3313	487863.1	3847877.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
3314	488363.1	3847877.3	4.13E-04	4.23E-04	3.99E-04	1.43E-07	4.32E-07	2.50E-07	2.56E-07	2.32E-07	1.06E-07	9.99E-08	4.78E-09	1.15E-07	2.55E-08	3.48E-08	5.52E-08	9.72E-09	5.24E-08	2.98E-07
3315	488863.1	3847877.3	4.04E-04	4.14E-04	3.91E-04	1.40E-07	4.23E-07	2.45E-07	2.51E-07	2.27E-07	1.04E-07	9.78E-08	4.67E-09	1.13E-07	2.49E-08	3.40E-08	5.40E-08	9.51E-09	5.13E-08	2.91E-07
3316	489363.1	3847877.3	3.96E-04	4.05E-04	3.82E-04	1.37E-07	4.13E-07	2.39E-07	2.45E-07	2.22E-07	1.01E-07	9.56E-08	4.57E-09	1.10E-07	2.44E-08	3.33E-08	5.28E-08	9.30E-09	5.02E-08	2.85E-07
3317	489863.1	3847877.3	3.93E-04	4.02E-04	3.79E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	1.01E-07	9.49E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.24E-09	4.98E-08	2.83E-07
3318	490363.1	3847877.3	3.81E-04	3.90E-04	3.68E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.14E-07	9.76E-08	9.21E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.08E-08	8.96E-09	4.83E-08	2.74E-07
3319	490863.1	3847877.3	3.67E-04	3.76E-04	3.55E-04	1.27E-07	3.84E-07	2.22E-07	2.28E-07	2.06E-07	9.42E-08	8.89E-08	4.25E-09	1.03E-07	2.26E-08	3.09E-08	4.91E-08	8.65E-09	4.66E-08	2.65E-07
3320	491363.1	3847877.3	3.48E-04	3.57E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.16E-07	1.96E-07	8.93E-08	8.42E-08	4.03E-09	9.73E-08	2.15E-08	2.93E-08	4.65E-08	8.19E-09	4.42E-08	2.51E-07
3321	491863.1	3847877.3	3.41E-04	3.49E-04	3.29E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.92E-07	8.74E-08	8.24E-08	3.94E-09	9.52E-08	2.10E-08	2.87E-08	4.55E-08	8.02E-09	4.33E-08	2.46E-07
3322	492363.1	3847877.3	3.35E-04	3.43E-04	3.24E-04	1.16E-07	3.50E-07	2.03E-07	2.08E-07	1.88E-07	8.59E-08	8.10E-08	3.87E-09	9.35E-08	2.06E-08	2.82E-08	4.47E-08	7.88E-09	4.25E-08	2.41E-07
3323	492863.1	3847877.3	3.29E-04	3.37E-04	3.18E-04	1.14E-07	3.44E-07	1.99E-07	2.04E-07	1.85E-07	8.44E-08	7.96E-08	3.80E-09	9.19E-08	2.03E-08	2.77E-08	4.39E-08	7.74E-09	4.18E-08	2.37E-07
3324	493363.1	3847877.3	3.14E-04	3.22E-04	3.04E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	8.06E-08	7.60E-08	3.63E-09	8.78E-08	1.94E-08	2.65E-08	4.20E-08	7.40E-09	3.99E-08	2.26E-07
3325	493863.1	3847877.3	3.04E-04	3.11E-04	2.94E-04	1.05E-07	3.18E-07	1.84E-07	1.88E-07	1.71E-07	7.79E-08	7.35E-08	3.51E-09	8.49E-08	1.87E-08	2.56E-08	4.06E-08	7.15E-09	3.86E-08	2.19E-07
3326	494363.1	3847877.3	2.97E-04	3.04E-04	2.87E-04	1.03E-07	3.10E-07	1.79E-07	1.84E-07	1.67E-07	7.60E-08	7.17E-08	3.43E-09	8.28E-08	1.83E-08	2.50E-08	3.96E-08	6.98E-09	3.76E-08	2.14E-07
3327	494863.1	3847877.3	2.94E-04	3.01E-04	2.84E-04	1.02E-07	3.07E-07	1.78E-07	1.82E-07	1.65E-07	7.53E-08	7.10E-08	3.39E-09	8.20E-08	1.81E-08	2.47E-08	3.92E-08	6.91E-09	3.73E-08	2.12E-07
3328	495363.1	3847877.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3329	495863.1	3847877.3	2.69E-04	2.75E-04	2.60E-04	9.30E-08	2.81E-07	1.63E-07	1.66E-07	1.51E-07	6.89E-08	6.49E-08	3.10E-09	7.50E-08	1.65E-08	2.26E-08	3.59E-08	6.32E-09	3.41E-08	1.94E-07
3330	496363.1	3847877.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3331	496863.1	3847877.3	2.86E-04	2.93E-04	2.77E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.92E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.74E-09	3.63E-08	2.06E-07
3332	497363.1	3847877.3	2.91E-04	2.98E-04	2.81E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.45E-08	7.03E-08	3.36E-09	8.12E-08	1.79E-08	2.45E-08	3.88E-08	6.84E-09	3.69E-08	2.09E-07
3333	497863.1	3847877.3	3.04E-04	3.11E-04	2.94E-04	1.05E-07	3.18E-07	1.84E-07	1.88E-07	1.71E-07	7.79E-08	7.35E-08	3.51E-09	8.49E-08	1.87E-08	2.56E-08	4.06E-08	7.15E-09	3.86E-08	2.19E-07
3334	498363.1	3847877.3	3.06E-04	3.13E-04	2.95E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.83E-08	7.39E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.19E-09	3.88E-08	2.20E-07
3335	471363.1	3848377.3	5.98E-04	6.12E-04	5.77E-04	2.07E-07	6.25E-07	3.62E-07	3.70E-07	3.36E-07	1.53E-07	1.45E-07	6.91E-09	1.67E-07	3.68E-08	5.03E-08	7.98E-08	1.41E-08	7.58E-08	4.31E-07
3336	471863.1	3848377.3	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
3337	472363.1	3848377.3	8.25E-04	8.45E-04	7.97E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.11E-07	1.99E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.94E-08	1.05E-07	5.94E-07
3338	472863.1	3848377.3	1.03E-03	1.05E-03	9.94E-04	3.56E-07	1.08E-06	6.22E-07	6.38E-07	5.78E-07	2.64E-07	2.49E-07	1.19E-08	2.87E-07	6.34E-08	8.66E-08	1.37E-07	2.42E-08	1.31E-07	7.41E-07
3339	473363.1	3848377.3	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.60E-07	7.79E-07	3.56E-07	3.35E-07	1.60E-08	3.87E-07	8.55E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.99E-07
3340	473863.1	3848377.3	2.26E-03	2.31E-03	2.18E-03	7.81E-07	2.36E-06	1.36E-06	1.40E-06	1.27E-06	5.78E-07	5.45E-07	2.61E-08	6.30E-07	1.39E-07	1.90E-07	3.01E-07	5.31E-08	2.86E-07	1.62E-06
3341	474363.1	3848377.3	1.00E-02	1.02E-02	9.66E-03	3.46E-06	1.05E-05	6.05E-06	6.20E-06	5.62E-06	2.56E-06	2.42E-06	1.16E-07	2.79E-06	6.16E-07	8.41E-07	1.33E-06	2.35E-07	1.27E-06	7.20E-06
3342	474863.1	3848377.3	8.06E-03	8.25E-03	7.78E-03	2.79E-06	8.42E-06	4.87E-06	4.99E-06	4.53E-06	2.06E-06	1.95E-06	9.31E-08	2.25E-06	4.96E-07	6.78E-07	1.08E-06	1.89E-07	1.02E-06	5.80E-06
3343	475363.1	3848377.3	4.52E-03	4.63E-03	4.36E-03	1.56E-06	4.72E-06	2.73E-06	2.80E-06	2.54E-06	1.16E-06	1.09E-06	5.22E-08	1.26E-06	2.78E-07	3.80E-07	6.03E-07	1.06E-07	5.73E-07	3.25E-06
3344	475863.1	3848377.3	2.91E-03	2.98E-03	2.81E-03	1.01E-06	3.04E-06	1.76E-06	1.80E-06	1.64E-06	7.46E-07	7.04E-07	3.37E-08	8.13E-07	1.79E-07	2.45E-07	3.89E-07	6.85E-08	3.70E-07	2.10E-06
3345	476363.1	3848377.3	2.18E-03	2.24E-03	2.11E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.60E-07	5.28E-07	2.52E-08	6.10E-07	1.35E-07	1.84E-07	2.92E-07	5.14E-08	2.77E-07	1.57E-06
3346	476863.1	3848377.3	2.12E-03	2.18E-03	2.05E-03	7.35E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.44E-07	5.14E-07	2.45E-08	5.93E-07	1.31E-07	1.79E-07	2.83E-07	5.00E-08	2.69E-07	1.53E-06
3347	477363.1	3848377.3	1.87E-03	1.91E-03	1.80E-03	6.46E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.79E-07	4.51E-07	2.16E-08	5.21E-07	1.15E-07	1.57E-07	2.49E-07	4.39E-08	2.37E-07	1.35E-06
3348	477863.1	3848377.3	1.68E-03	1.72E-03	1.63E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.46E-07	4.32E-07	4.07E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.96E-08	2.14E-07	1.21E-06
3349	478363.1	3848377.3	1.51E-03	1.55E-03	1.46E-03	5.24E-07	1.58E-06	9.16E-07	9.38E-07	8.51E-07	3.88E-07	3.66E-07	1.75E-08	4.23E-07	9.33E-08	1.27E-07	2.02E-07	3.56E-08	1.92E-07	1.09E-06
3350	478863.1	3848377.3	1.34E-03	1.37E-03	1.29E-03	4.63E-07	1.40E-06	8.10E-07	8.30E-07	7.52E-07	3.43E-07	3.24E-07	1.55E-08	3.74E-07	8.25E-08	1.13E-07	1.79E-07	3.15E-08	1.70E-07	9.64E-07
3351	479363.1	3848377.3	1.11E-03	1.14E-03	1.08E-03	3.85E-07	1.16E-06	6.73E-07	6.90E-07	6.25E-07	2.85E-07	2.69E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.62E-08	1.41E-07	8.02E-07
3352	479863.1	3848377.3	6.97E-04	7.13E-04	6.73E-04	2.41E-07	7.28E-07	4.21E-07	4.32E-07	3.91E-07	1.79E-07	1.68E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.64E-08	8.84E-08	5.02E-07
3353	480363.1	3848377.3	7.81E-04	8.00E-04	7.54E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.39E-07	2.00E-07	1.89E-07	9.02E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.84E-08	9.91E-08	5.62E-07

3354	480863.1	3848377.3	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07
3355	481363.1	3848377.3	8.15E-04	8.34E-04	7.87E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.09E-07	1.97E-07	9.42E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.92E-08	1.03E-07	5.87E-07
3356	481863.1	3848377.3	7.87E-04	8.06E-04	7.60E-04	2.72E-07	8.22E-07	4.76E-07	4.88E-07	4.42E-07	2.02E-07	1.90E-07	9.09E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.85E-08	9.98E-08	5.67E-07
3357	482363.1	3848377.3	7.53E-04	7.71E-04	7.27E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.93E-07	1.82E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.77E-08	9.55E-08	5.42E-07
3358	482863.1	3848377.3	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
3359	483363.1	3848377.3	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
3360	483863.1	3848377.3	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
3361	484363.1	3848377.3	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
3362	484863.1	3848377.3	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
3363	485363.1	3848377.3	5.80E-04	5.94E-04	5.60E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.49E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.36E-08	7.36E-08	4.18E-07
3364	485863.1	3848377.3	5.64E-04	5.77E-04	5.45E-04	1.95E-07	5.89E-07	3.41E-07	3.49E-07	3.17E-07	1.45E-07	1.36E-07	6.52E-09	1.57E-07	3.47E-08	4.74E-08	7.53E-08	1.33E-08	7.15E-08	4.06E-07
3365	486363.1	3848377.3	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
3366	486863.1	3848377.3	5.12E-04	5.25E-04	4.95E-04	1.77E-07	5.35E-07	3.10E-07	3.17E-07	2.88E-07	1.31E-07	1.24E-07	5.92E-09	1.43E-07	3.16E-08	4.31E-08	6.84E-08	1.20E-08	6.50E-08	3.69E-07
3367	487363.1	3848377.3	4.81E-04	4.93E-04	4.65E-04	1.67E-07	5.03E-07	2.91E-07	2.98E-07	2.70E-07	1.23E-07	1.16E-07	5.56E-09	1.34E-07	2.96E-08	4.05E-08	6.42E-08	1.13E-08	6.11E-08	3.47E-07
3368	487863.1	3848377.3	4.66E-04	4.78E-04	4.51E-04	1.61E-07	4.87E-07	2.82E-07	2.89E-07	2.62E-07	1.20E-07	1.13E-07	5.39E-09	1.30E-07	2.87E-08	3.92E-08	6.23E-08	1.10E-08	5.92E-08	3.36E-07
3369	488363.1	3848377.3	4.52E-04	4.63E-04	4.36E-04	1.56E-07	4.72E-07	2.73E-07	2.80E-07	2.54E-07	1.16E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.80E-08	6.03E-08	1.06E-08	5.73E-08	3.25E-07
3370	488863.1	3848377.3	4.38E-04	4.49E-04	4.23E-04	1.52E-07	4.58E-07	2.65E-07	2.72E-07	2.46E-07	1.12E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.69E-08	5.85E-08	1.03E-08	5.56E-08	3.16E-07
3371	489363.1	3848377.3	4.29E-04	4.40E-04	4.15E-04	1.49E-07	4.49E-07	2.60E-07	2.66E-07	2.41E-07	1.10E-07	1.04E-07	4.96E-09	1.20E-07	2.65E-08	3.61E-08	5.73E-08	1.01E-08	5.45E-08	3.09E-07
3372	489863.1	3848377.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
3373	490363.1	3848377.3	4.13E-04	4.23E-04	3.99E-04	1.43E-07	4.32E-07	2.50E-07	2.56E-07	2.32E-07	1.06E-07	9.99E-08	4.78E-09	1.15E-07	2.55E-08	3.48E-08	5.52E-08	9.72E-09	5.24E-08	2.98E-07
3374	490863.1	3848377.3	3.94E-04	4.04E-04	3.81E-04	1.36E-07	4.12E-07	2.38E-07	2.44E-07	2.21E-07	1.01E-07	9.53E-08	4.56E-09	1.10E-07	2.43E-08	3.32E-08	5.26E-08	9.27E-09	5.00E-08	2.84E-07
3375	491363.1	3848377.3	3.78E-04	3.87E-04	3.65E-04	1.31E-07	3.95E-07	2.29E-07	2.34E-07	2.12E-07	9.69E-08	9.14E-08	4.37E-09	1.05E-07	2.33E-08	3.18E-08	5.04E-08	8.89E-09	4.79E-08	2.72E-07
3376	491863.1	3848377.3	3.66E-04	3.75E-04	3.54E-04	1.27E-07	3.83E-07	2.21E-07	2.27E-07	2.06E-07	9.38E-08	8.85E-08	4.23E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.61E-09	4.64E-08	2.64E-07
3377	492363.1	3848377.3	3.47E-04	3.55E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.89E-08	8.39E-08	4.01E-09	9.68E-08	2.14E-08	2.92E-08	4.63E-08	8.16E-09	4.40E-08	2.50E-07
3378	492863.1	3848377.3	3.28E-04	3.36E-04	3.17E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.40E-08	7.92E-08	3.79E-09	9.15E-08	2.02E-08	2.76E-08	4.37E-08	7.71E-09	4.16E-08	2.36E-07
3379	493363.1	3848377.3	3.17E-04	3.25E-04	3.07E-04	1.10E-07	3.32E-07	1.92E-07	1.97E-07	1.78E-07	8.13E-08	7.67E-08	3.67E-09	8.86E-08	1.96E-08	2.67E-08	4.24E-08	7.46E-09	4.03E-08	2.29E-07
3380	493863.1	3848377.3	3.06E-04	3.13E-04	2.95E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.83E-08	7.39E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.19E-09	3.88E-08	2.20E-07
3381	494363.1	3848377.3	2.97E-04	3.04E-04	2.87E-04	1.03E-07	3.10E-07	1.79E-07	1.84E-07	1.67E-07	7.60E-08	7.17E-08	3.43E-09	8.28E-08	1.83E-08	2.50E-08	3.96E-08	6.98E-09	3.76E-08	2.14E-07
3382	494863.1	3848377.3	2.94E-04	3.01E-04	2.84E-04	1.02E-07	3.07E-07	1.78E-07	1.82E-07	1.65E-07	7.53E-08	7.10E-08	3.39E-09	8.20E-08	1.81E-08	2.47E-08	3.92E-08	6.91E-09	3.73E-08	2.12E-07
3383	495363.1	3848377.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
3384	495863.1	3848377.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
3385	496363.1	3848377.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
3386	496863.1	3848377.3	2.73E-04	2.80E-04	2.64E-04	9.45E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	7.00E-08	6.60E-08	3.16E-09	7.62E-08	1.68E-08	2.30E-08	3.64E-08	6.42E-09	3.46E-08	1.97E-07
3387	497363.1	3848377.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3388	497863.1	3848377.3	3.16E-04	3.23E-04	3.05E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.77E-07	8.10E-08	7.64E-08	3.65E-09	8.82E-08	1.95E-08	2.66E-08	4.22E-08	7.43E-09	4.01E-08	2.28E-07
3389	498363.1	3848377.3	3.14E-04	3.22E-04	3.04E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	8.06E-08	7.60E-08	3.63E-09	8.78E-08	1.94E-08	2.65E-08	4.20E-08	7.40E-09	3.99E-08	2.26E-07
3390	471363.1	3848877.3	5.24E-04	5.37E-04	5.06E-04	1.81E-07	5.48E-07	3.17E-07	3.25E-07	2.94E-07	1.34E-07	1.27E-07	6.06E-09	1.46E-07	3.23E-08	4.41E-08	6.99E-08	1.23E-08	6.65E-08	3.77E-07
3391	471863.1	3848877.3	5.83E-04	5.97E-04	5.63E-04	2.02E-07	6.09E-07	3.53E-07	3.61E-07	3.28E-07	1.49E-07	1.41E-07	6.74E-09	1.63E-07	3.59E-08	4.91E-08	7.78E-08	1.37E-08	7.40E-08	4.20E-07
3392	472363.1	3848877.3	6.61E-04	6.77E-04	6.39E-04	2.29E-07	6.91E-07	4.00E-07	4.10E-07	3.71E-07	1.69E-07	1.60E-07	7.64E-09	1.85E-07	4.07E-08	5.56E-08	8.83E-08	1.56E-08	8.39E-08	4.76E-07
3393	472863.1	3848877.3	7.78E-04	7.97E-04	7.51E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.99E-07	1.88E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.83E-08	9.87E-08	5.60E-07
3394	473363.1	3848877.3	9.50E-04	9.73E-04	9.18E-04	3.29E-07	9.93E-07	5.75E-07	5.89E-07	5.34E-07	2.44E-07	2.30E-07	1.10E-08	2.65E-07	5.86E-08	8.00E-08	1.27E-07	2.24E-08	1.21E-07	6.85E-07
3395	473863.1	3848877.3	1.26E-03	1.29E-03	1.22E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.07E-07	3.23E-07	3.04E-07	1.46E-08	3.52E-07	7.76E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.07E-07
3396	474363.1	3848877.3	1.95E-03	2.00E-03	1.89E-03	6.76E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.01E-07	4.72E-07	2.26E-08	5.46E-07	1.20E-07	1.64E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
3397	474863.1	3848877.3	6.31E-03	6.46E-03	6.09E-03	2.18E-06	6.59E-06	3.82E-06	3.91E-06	3.54E-06	1.62E-06	1.52E-06	7.29E-08	1.76E-06	3.89E-07	5.31E-07	8.42E-07	1.48E-07	8.00E-07	4.54E-06
3398	475363.1	3848877.3	1.36E-02	1.39E-02	1.31E-02	4.70E-06	1.42E-05	8.22E-06	8.42E-06	7.63E-06	3.48E-06	3.29E-06	1.57E-07	3.79E-06	8.37E-07	1.14E-06	1.81E-06	3.20E-07	1.72E-06	9.79E-06
3399	475863.1	3848877.3	6.64E-03	6.80E-03	6.41E-03	2.30E-06	6.94E-06	4.01E-06	4.11E-06	3.73E-06	1.70E-06	1.60E-06	7.67E-08	1.85E-06	4.09E-07	5.58E-07	8.86E-07	1.56E-07	8.42E-07	4.78E-06
3400	476363.1	3848877.3	4.65E-03	4.76E-03	4.49E-03	1.61E-06	4.86E-06	2.81E-06	2.88E-06	2.61E-06	1.19E-06	1.12E-06	5.37E-08	1.30E-06	2.86E-07	3.91E-07	6.21E-07	1.09E-07	5.90E-07	3.35E-06
3401	476863.1	3848877.3	3.53E-03	3.61E-03	3.41E-03	1.22E-06	3.69E-06	2.14E-06	2.19E-06	1.98E-06	9.05E-07	8.53E-07	4.08E-08	9.85E-07	2.17E-07	2.97E-07	4.71E-07	8.30E-08	4.48E-07	2.54E-06
3402	477363.1	3848877.3	3.19E-03	3.27E-03	3.08E-03	1.11E-06	3.34E-06	1.93E-06	1.98E-06	1.79E-06	8.18E-07	7.72E-07	3.69E-08	8.91E-07	1.97E-07	2.69E-07	4.26E-07	7.51E-08	4.05E-07	2.30E-06
3403	477863.1	3848877.3	2.60E-03	2.67E-03	2.52E-03	9.02E-07	2.72E-06	1.58E-06	1.61E-06	1.46E-06	6.68E-07	6.30E-07	3.01E-08	7.27E-07	1.60E-07	2.19E-07	3.48E-07	6.13E-08	3.31E-07	1.88E-06
3404	478363.1	3848877.3	2.20E-03	2.26E-03	2.13E-03	7.63E-07	2.30E-06	1.33E-06	1.37E-06	1.24E-06	5.65E-07	5.33E-07	2.55E-08	6.15E-07	1.36E-07	1.85E-07	2.94E-07	5.18E-08	2.80E-07	1.59E-06
3405	478863.1	3848877.3	1.84E-03	1.89E-03	1.78E-03	6.39E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.73E-07	4.46E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.34E-08	2.34E-07	1.33E-06
3406	479363.1	3848877.3	1.52E-03	1.55E-03	1.46E-03	5.25E-07	1.58E-06	9.17E-07	9.39E-07	8.52E-07	3.89E-07	3.66E-07	1.75E-08	4.23E-07	9.34E-08	1.28E-07	2.02E-07	3.57E-08	1.92E-07	1.09E-06
3407	479863.1	3848877.3	1.26E-03	1.29E-03	1.22E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.07E-07	3.23E-07	3.04E-07	1.46E-08	3.52E-07	7.76E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.07E-07
3408	480363.1	3848877.3	1.18E-03	1.20E-03	1.14E-03	4.07E-07	1.23E-06	7.12E-07	7.29E-07	6.61E-07	3.02E-07	2.84E-07	1.36E-08	3.28E-07	7.25E-08	9.90E-08	1.57E-07	2.77E-08	1.49E-07	8.47E-07
3409	480863.1	3848877.3	1.11E-03	1.14E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.87E-07	6.23E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.83E-08	9.33E-08	1.48E-07	2.61E-08	1.41E-07	7.99E-07

3410	481363.1	3848877.3	1.02E-03	1.04E-03	9.81E-04	3.51E-07	1.06E-06	6.14E-07	6.29E-07	5.70E-07	2.60E-07	2.46E-07	1.17E-08	2.84E-07	6.26E-08	8.54E-08	1.36E-07	2.39E-08	1.29E-07	7.32E-07
3411	481863.1	3848877.3	9.08E-04	9.30E-04	8.77E-04	3.14E-07	9.49E-07	5.49E-07	5.63E-07	5.10E-07	2.33E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.64E-08	1.21E-07	2.14E-08	1.15E-07	6.54E-07
3412	482363.1	3848877.3	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
3413	482863.1	3848877.3	7.25E-04	7.42E-04	7.00E-04	2.51E-07	7.57E-07	4.38E-07	4.49E-07	4.07E-07	1.86E-07	1.75E-07	8.38E-09	2.02E-07	4.46E-08	6.10E-08	9.67E-08	1.70E-08	9.20E-08	5.22E-07
3414	483363.1	3848877.3	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
3415	483863.1	3848877.3	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
3416	484363.1	3848877.3	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
3417	484863.1	3848877.3	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
3418	485363.1	3848877.3	6.45E-04	6.61E-04	6.23E-04	2.23E-07	6.74E-07	3.90E-07	4.00E-07	3.62E-07	1.65E-07	1.56E-07	7.46E-09	1.80E-07	3.97E-08	5.43E-08	8.61E-08	1.52E-08	8.18E-08	4.65E-07
3419	485863.1	3848877.3	6.20E-04	6.35E-04	5.99E-04	2.15E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.59E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	5.22E-08	8.27E-08	1.46E-08	7.87E-08	4.47E-07
3420	486363.1	3848877.3	5.84E-04	5.99E-04	5.65E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.50E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.92E-08	7.80E-08	1.37E-08	7.42E-08	4.21E-07
3421	486863.1	3848877.3	5.48E-04	5.61E-04	5.29E-04	1.90E-07	5.72E-07	3.31E-07	3.39E-07	3.08E-07	1.40E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.61E-08	7.31E-08	1.29E-08	6.95E-08	3.94E-07
3422	487363.1	3848877.3	5.33E-04	5.46E-04	5.15E-04	1.84E-07	5.57E-07	3.22E-07	3.30E-07	2.99E-07	1.37E-07	1.29E-07	6.16E-09	1.49E-07	3.28E-08	4.48E-08	7.11E-08	1.25E-08	6.76E-08	3.84E-07
3423	487863.1	3848877.3	5.11E-04	5.23E-04	4.93E-04	1.77E-07	5.34E-07	3.09E-07	3.16E-07	2.87E-07	1.31E-07	1.23E-07	5.90E-09	1.43E-07	3.15E-08	4.30E-08	6.82E-08	1.20E-08	6.48E-08	3.68E-07
3424	488363.1	3848877.3	4.93E-04	5.05E-04	4.76E-04	1.71E-07	5.15E-07	2.98E-07	3.05E-07	2.77E-07	1.26E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	4.15E-08	6.58E-08	1.16E-08	6.26E-08	3.55E-07
3425	488863.1	3848877.3	4.75E-04	4.87E-04	4.59E-04	1.65E-07	4.97E-07	2.88E-07	2.95E-07	2.67E-07	1.22E-07	1.15E-07	5.49E-09	1.33E-07	2.93E-08	4.00E-08	6.34E-08	1.12E-08	6.03E-08	3.42E-07
3426	489363.1	3848877.3	4.65E-04	4.76E-04	4.49E-04	1.61E-07	4.86E-07	2.81E-07	2.88E-07	2.61E-07	1.19E-07	1.12E-07	5.37E-09	1.30E-07	2.86E-08	3.91E-08	6.21E-08	1.09E-08	5.90E-08	3.35E-07
3427	489863.1	3848877.3	4.56E-04	4.67E-04	4.41E-04	1.58E-07	4.77E-07	2.76E-07	2.83E-07	2.56E-07	1.17E-07	1.10E-07	5.27E-09	1.27E-07	2.81E-08	3.84E-08	6.09E-08	1.07E-08	5.79E-08	3.29E-07
3428	490363.1	3848877.3	4.34E-04	4.44E-04	4.19E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.11E-07	1.05E-07	5.02E-09	1.21E-07	2.67E-08	3.65E-08	5.79E-08	1.02E-08	5.51E-08	3.13E-07
3429	490863.1	3848877.3	4.13E-04	4.23E-04	3.99E-04	1.43E-07	4.32E-07	2.50E-07	2.56E-07	2.32E-07	1.06E-07	9.99E-08	4.78E-09	1.15E-07	2.55E-08	3.48E-08	5.52E-08	9.72E-09	5.24E-08	2.98E-07
3430	491363.1	3848877.3	3.97E-04	4.07E-04	3.84E-04	1.37E-07	4.15E-07	2.40E-07	2.46E-07	2.23E-07	1.02E-07	9.60E-08	4.59E-09	1.11E-07	2.45E-08	3.34E-08	5.30E-08	9.34E-09	5.04E-08	2.86E-07
3431	491863.1	3848877.3	3.73E-04	3.82E-04	3.61E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.10E-07	9.57E-08	9.03E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.78E-09	4.74E-08	2.69E-07
3432	492363.1	3848877.3	3.51E-04	3.60E-04	3.39E-04	1.22E-07	3.67E-07	2.13E-07	2.18E-07	1.97E-07	9.00E-08	8.49E-08	4.06E-09	9.81E-08	2.16E-08	2.96E-08	4.69E-08	8.26E-09	4.46E-08	2.53E-07
3433	492863.1	3848877.3	3.28E-04	3.36E-04	3.17E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.40E-08	7.92E-08	3.79E-09	9.15E-08	2.02E-08	2.76E-08	4.37E-08	7.71E-09	4.16E-08	2.36E-07
3434	493363.1	3848877.3	3.06E-04	3.13E-04	2.95E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.83E-08	7.39E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.19E-09	3.88E-08	2.20E-07
3435	493863.1	3848877.3	3.03E-04	3.10E-04	2.92E-04	1.05E-07	3.16E-07	1.83E-07	1.88E-07	1.70E-07	7.76E-08	7.32E-08	3.50E-09	8.45E-08	1.86E-08	2.55E-08	4.04E-08	7.12E-09	3.84E-08	2.18E-07
3436	494363.1	3848877.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
3437	494863.1	3848877.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
3438	495363.1	3848877.3	2.92E-04	2.99E-04	2.82E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.49E-08	7.07E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.87E-09	3.71E-08	2.11E-07
3439	495863.1	3848877.3	2.77E-04	2.84E-04	2.68E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	7.11E-08	6.71E-08	3.21E-09	7.75E-08	1.71E-08	2.33E-08	3.70E-08	6.53E-09	3.52E-08	2.00E-07
3440	496363.1	3848877.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
3441	496863.1	3848877.3	2.85E-04	2.92E-04	2.75E-04	9.86E-08	2.98E-07	1.72E-07	1.77E-07	1.60E-07	7.30E-08	6.89E-08	3.29E-09	7.95E-08	1.76E-08	2.40E-08	3.80E-08	6.70E-09	3.61E-08	2.05E-07
3442	497363.1	3848877.3	3.11E-04	3.19E-04	3.01E-04	1.08E-07	3.25E-07	1.88E-07	1.93E-07	1.75E-07	7.98E-08	7.53E-08	3.60E-09	8.70E-08	1.92E-08	2.62E-08	4.16E-08	7.33E-09	3.95E-08	2.24E-07
3443	497863.1	3848877.3	3.19E-04	3.27E-04	3.08E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.17E-08	7.71E-08	3.69E-09	8.90E-08	1.96E-08	2.68E-08	4.26E-08	7.50E-09	4.05E-08	2.30E-07
3444	498363.1	3848877.3	3.23E-04	3.31E-04	3.12E-04	1.12E-07	3.38E-07	1.96E-07	2.00E-07	1.82E-07	8.29E-08	7.82E-08	3.74E-09	9.02E-08	1.99E-08	2.72E-08	4.31E-08	7.60E-09	4.10E-08	2.33E-07
3445	471363.1	3849377.3	4.59E-04	4.70E-04	4.43E-04	1.59E-07	4.80E-07	2.78E-07	2.84E-07	2.58E-07	1.18E-07	1.11E-07	5.31E-09	1.28E-07	2.83E-08	3.86E-08	6.13E-08	1.08E-08	5.82E-08	3.31E-07
3446	471863.1	3849377.3	5.08E-04	5.20E-04	4.90E-04	1.76E-07	5.31E-07	3.07E-07	3.15E-07	2.85E-07	1.30E-07	1.23E-07	5.87E-09	1.42E-07	3.13E-08	4.27E-08	6.78E-08	1.19E-08	6.44E-08	3.66E-07
3447	472363.1	3849377.3	5.64E-04	5.77E-04	5.45E-04	1.95E-07	5.89E-07	3.41E-07	3.49E-07	3.17E-07	1.45E-07	1.36E-07	6.52E-09	1.57E-07	3.47E-08	4.74E-08	7.53E-08	1.33E-08	7.15E-08	4.06E-07
3448	472863.1	3849377.3	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
3449	473363.1	3849377.3	7.44E-04	7.62E-04	7.19E-04	2.57E-07	7.77E-07	4.50E-07	4.61E-07	4.18E-07	1.91E-07	1.80E-07	8.60E-09	2.08E-07	4.58E-08	6.26E-08	9.93E-08	1.75E-08	9.44E-08	5.36E-07
3450	473863.1	3849377.3	9.02E-04	9.24E-04	8.71E-04	3.12E-07	9.43E-07	5.46E-07	5.59E-07	5.07E-07	2.31E-07	2.18E-07	1.04E-08	2.52E-07	5.56E-08	7.59E-08	1.20E-07	2.12E-08	1.14E-07	6.50E-07
3451	474363.1	3849377.3	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.92E-07	7.09E-07	6.43E-07	2.93E-07	2.77E-07	1.32E-08	3.19E-07	7.05E-08	9.62E-08	1.53E-07	2.69E-08	1.45E-07	8.24E-07
3452	474863.1	3849377.3	1.58E-03	1.62E-03	1.53E-03	5.47E-07	1.65E-06	9.56E-07	9.80E-07	8.88E-07	4.05E-07	3.82E-07	1.83E-08	4.41E-07	9.74E-08	1.33E-07	2.11E-07	3.72E-08	2.01E-07	1.14E-06
3453	475363.1	3849377.3	2.58E-03	2.64E-03	2.49E-03	8.93E-07	2.69E-06	1.56E-06	1.60E-06	1.45E-06	6.61E-07	6.23E-07	2.98E-08	7.20E-07	1.59E-07	2.17E-07	3.44E-07	6.07E-08	3.27E-07	1.86E-06
3454	475863.1	3849377.3	4.46E-03	4.57E-03	4.31E-03	1.54E-06	4.66E-06	2.70E-06	2.76E-06	2.50E-06	1.14E-06	1.08E-06	5.15E-08	1.24E-06	2.75E-07	3.75E-07	5.95E-07	1.05E-07	5.66E-07	3.21E-06
3455	476363.1	3849377.3	9.75E-03	9.98E-03	9.42E-03	3.37E-06	1.02E-05	5.90E-06	6.04E-06	5.48E-06	2.50E-06	2.36E-06	1.13E-07	2.72E-06	6.01E-07	8.20E-07	1.30E-06	2.29E-07	1.24E-06	7.02E-06
3456	476863.1	3849377.3	2.70E-02	2.76E-02	2.61E-02	9.34E-06	2.82E-05	1.63E-05	1.67E-05	1.52E-05	6.92E-06	6.52E-06	3.12E-07	7.53E-06	1.66E-06	2.27E-06	3.60E-06	6.35E-07	3.42E-06	1.94E-05
3457	477363.1	3849377.3	7.75E-03	7.94E-03	7.49E-03	2.68E-06	8.10E-06	4.69E-06	4.81E-06	4.36E-06	1.99E-06	1.87E-06	8.96E-08	2.17E-06	4.78E-07	6.52E-07	1.04E-06	1.82E-07	9.84E-07	5.59E-06
3458	477863.1	3849377.3	4.65E-03	4.76E-03	4.49E-03	1.61E-06	4.86E-06	2.81E-06	2.88E-06	2.61E-06	1.19E-06	1.12E-06	5.38E-08	1.30E-06	2.87E-07	3.91E-07	6.21E-07	1.09E-07	5.90E-07	3.35E-06
3459	478363.1	3849377.3	3.43E-03	3.51E-03	3.31E-03	1.19E-06	3.58E-06	2.07E-06	2.12E-06	1.92E-06	8.78E-07	8.28E-07	3.96E-08	9.56E-07	2.11E-07	2.88E-07	4.57E-07	8.06E-08	4.35E-07	2.47E-06
3460	478863.1	3849377.3	2.59E-03	2.65E-03	2.50E-03	8.96E-07	2.71E-06	1.57E-06	1.60E-06	1.45E-06	6.64E-07	6.26E-07	2.99E-08	7.23E-07	1.59E-07	2.18E-07	3.46E-07	6.09E-08	3.28E-07	1.86E-06
3461	479363.1	3849377.3	2.12E-03	2.17E-03	2.04E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.43E-07	5.12E-07	2.45E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.98E-08	2.69E-07	1.52E-06
3462	479863.1	3849377.3	1.66E-03	1.70E-03	1.61E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.34E-07	4.26E-07	4.02E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.91E-08	2.11E-07	1.20E-06
3463	480363.1	3849377.3	1.58E-03	1.61E-03	1.52E-03	5.46E-07	1.65E-06	9.54E-07	9.77E-07	8.85E-07	4.04E-07	3.81E-07	1.82E-08	4.40E-07	9.71E-08	1.33E-07	2.10E-07	3.71E-08	2.00E-07	1.14E-06
3464	480863.1	3849377.3	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.59E-07	7.79E-07	3.55E-07	3.35E-07	1.60E-08	3.87E-07	8.54E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.98E-07
3465	481363.1	3849377.3	1.19E-03	1.22E-03	1.15E-03	4.11E-07	1.24E-06	7.18E-07	7.35E-07	6.67E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.31E-08	9.98E-08	1.58E-07	2.79E-08	1.51E-07	8.55E-07

3466	481863.1	3849377.3	9.73E-04	9.96E-04	9.40E-04	3.37E-07	1.02E-06	5.88E-07	6.03E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.29E-08	1.23E-07	7.01E-07
3467	482363.1	3849377.3	8.68E-04	8.89E-04	8.38E-04	3.00E-07	9.07E-07	5.25E-07	5.38E-07	4.88E-07	2.22E-07	2.10E-07	1.00E-08	2.42E-07	5.35E-08	7.30E-08	1.16E-07	2.04E-08	1.10E-07	6.25E-07
3468	482863.1	3849377.3	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
3469	483363.1	3849377.3	7.03E-04	7.20E-04	6.79E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.95E-07	1.80E-07	1.70E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.38E-08	1.65E-08	8.91E-08	5.06E-07
3470	483863.1	3849377.3	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
3471	484363.1	3849377.3	7.17E-04	7.35E-04	6.93E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.84E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.69E-08	9.10E-08	5.17E-07
3472	484863.1	3849377.3	7.42E-04	7.60E-04	7.17E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.90E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	6.25E-08	9.91E-08	1.75E-08	9.42E-08	5.35E-07
3473	485363.1	3849377.3	7.11E-04	7.29E-04	6.87E-04	2.46E-07	7.44E-07	4.30E-07	4.41E-07	4.00E-07	1.82E-07	1.72E-07	8.22E-09	1.99E-07	4.38E-08	5.99E-08	9.50E-08	1.67E-08	9.03E-08	5.12E-07
3474	485863.1	3849377.3	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
3475	486363.1	3849377.3	5.64E-04	5.77E-04	5.45E-04	1.95E-07	5.89E-07	3.41E-07	3.49E-07	3.17E-07	1.45E-07	1.36E-07	6.52E-09	1.57E-07	3.47E-08	4.74E-08	7.53E-08	1.33E-08	7.15E-08	4.06E-07
3476	486863.1	3849377.3	5.87E-04	6.02E-04	5.67E-04	2.03E-07	6.14E-07	3.55E-07	3.64E-07	3.30E-07	1.51E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.94E-08	7.84E-08	1.38E-08	7.45E-08	4.23E-07
3477	487363.1	3849377.3	5.76E-04	5.90E-04	5.56E-04	1.99E-07	6.02E-07	3.48E-07	3.57E-07	3.23E-07	1.48E-07	1.39E-07	6.65E-09	1.61E-07	3.55E-08	4.84E-08	7.68E-08	1.35E-08	7.30E-08	4.15E-07
3478	487863.1	3849377.3	5.52E-04	5.65E-04	5.33E-04	1.91E-07	5.77E-07	3.34E-07	3.42E-07	3.10E-07	1.41E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.64E-08	7.37E-08	1.30E-08	7.00E-08	3.98E-07
3479	488363.1	3849377.3	5.30E-04	5.43E-04	5.12E-04	1.83E-07	5.54E-07	3.21E-07	3.28E-07	2.98E-07	1.36E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.46E-08	7.07E-08	1.25E-08	6.72E-08	3.82E-07
3480	488863.1	3849377.3	5.14E-04	5.26E-04	4.96E-04	1.78E-07	5.37E-07	3.11E-07	3.18E-07	2.89E-07	1.32E-07	1.24E-07	5.94E-09	1.43E-07	3.16E-08	4.32E-08	6.86E-08	1.21E-08	6.52E-08	3.70E-07
3481	489363.1	3849377.3	4.99E-04	5.11E-04	4.82E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.28E-07	1.21E-07	5.77E-09	1.39E-07	3.07E-08	4.20E-08	6.66E-08	1.17E-08	6.33E-08	3.59E-07
3482	489863.1	3849377.3	4.80E-04	4.91E-04	4.63E-04	1.66E-07	5.01E-07	2.90E-07	2.97E-07	2.69E-07	1.23E-07	1.16E-07	5.54E-09	1.34E-07	2.96E-08	4.04E-08	6.40E-08	1.13E-08	6.09E-08	3.46E-07
3483	490363.1	3849377.3	4.53E-04	4.64E-04	4.38E-04	1.57E-07	4.74E-07	2.74E-07	2.81E-07	2.55E-07	1.16E-07	1.10E-07	5.24E-09	1.27E-07	2.79E-08	3.81E-08	6.05E-08	1.07E-08	5.75E-08	3.26E-07
3484	490863.1	3849377.3	4.32E-04	4.43E-04	4.18E-04	1.50E-07	4.52E-07	2.62E-07	2.68E-07	2.43E-07	1.11E-07	1.05E-07	5.00E-09	1.21E-07	2.66E-08	3.64E-08	5.77E-08	1.02E-08	5.49E-08	3.12E-07
3485	491363.1	3849377.3	4.15E-04	4.25E-04	4.01E-04	1.44E-07	4.33E-07	2.51E-07	2.57E-07	2.33E-07	1.06E-07	1.00E-07	4.79E-09	1.16E-07	2.56E-08	3.49E-08	5.54E-08	9.76E-09	5.26E-08	2.99E-07
3486	491863.1	3849377.3	3.88E-04	3.98E-04	3.75E-04	1.34E-07	4.06E-07	2.35E-07	2.41E-07	2.18E-07	9.95E-08	9.39E-08	4.49E-09	1.08E-07	2.39E-08	3.27E-08	5.18E-08	9.13E-09	4.93E-08	2.80E-07
3487	492363.1	3849377.3	3.65E-04	3.73E-04	3.52E-04	1.26E-07	3.81E-07	2.21E-07	2.26E-07	2.05E-07	9.34E-08	8.81E-08	4.21E-09	1.02E-07	2.25E-08	3.07E-08	4.87E-08	8.58E-09	4.63E-08	2.63E-07
3488	492863.1	3849377.3	3.34E-04	3.42E-04	3.22E-04	1.15E-07	3.49E-07	2.02E-07	2.07E-07	1.87E-07	8.55E-08	8.06E-08	3.86E-09	9.31E-08	2.06E-08	2.81E-08	4.45E-08	7.85E-09	4.23E-08	2.40E-07
3489	493363.1	3849377.3	3.19E-04	3.27E-04	3.08E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.17E-08	7.71E-08	3.69E-09	8.90E-08	1.96E-08	2.68E-08	4.26E-08	7.50E-09	4.05E-08	2.30E-07
3490	493863.1	3849377.3	3.08E-04	3.16E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.91E-08	7.46E-08	3.57E-09	8.61E-08	1.90E-08	2.60E-08	4.12E-08	7.26E-09	3.91E-08	2.22E-07
3491	494363.1	3849377.3	3.07E-04	3.14E-04	2.97E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.42E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.90E-08	2.21E-07
3492	494863.1	3849377.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
3493	495363.1	3849377.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
3494	495863.1	3849377.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
3495	496363.1	3849377.3	2.73E-04	2.80E-04	2.64E-04	9.45E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	7.00E-08	6.60E-08	3.16E-09	7.62E-08	1.68E-08	2.30E-08	3.64E-08	6.42E-09	3.46E-08	1.97E-07
3496	496863.1	3849377.3	3.07E-04	3.14E-04	2.97E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.42E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.90E-08	2.21E-07
3497	497363.1	3849377.3	3.13E-04	3.20E-04	3.02E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.76E-07	8.02E-08	7.57E-08	3.62E-09	8.74E-08	1.93E-08	2.63E-08	4.18E-08	7.36E-09	3.97E-08	2.25E-07
3498	497863.1	3849377.3	3.44E-04	3.52E-04	3.32E-04	1.19E-07	3.59E-07	2.08E-07	2.13E-07	1.93E-07	8.81E-08	8.31E-08	3.98E-09	9.60E-08	2.12E-08	2.89E-08	4.59E-08	8.09E-09	4.36E-08	2.48E-07
3499	498363.1	3849377.3	3.32E-04	3.40E-04	3.21E-04	1.15E-07	3.47E-07	2.01E-07	2.06E-07	1.87E-07	8.51E-08	8.03E-08	3.84E-09	9.27E-08	2.05E-08	2.79E-08	4.43E-08	7.81E-09	4.21E-08	2.39E-07
3500	471363.1	3849877.3	3.87E-04	3.96E-04	3.74E-04	1.34E-07	4.04E-07	2.34E-07	2.40E-07	2.17E-07	9.91E-08	9.35E-08	4.47E-09	1.08E-07	2.38E-08	3.25E-08	5.16E-08	9.10E-09	4.91E-08	2.79E-07
3501	471863.1	3849877.3	4.53E-04	4.64E-04	4.38E-04	1.57E-07	4.74E-07	2.74E-07	2.81E-07	2.55E-07	1.16E-07	1.10E-07	5.24E-09	1.27E-07	2.79E-08	3.81E-08	6.05E-08	1.07E-08	5.75E-08	3.26E-07
3502	472363.1	3849877.3	5.03E-04	5.15E-04	4.86E-04	1.74E-07	5.26E-07	3.05E-07	3.12E-07	2.83E-07	1.29E-07	1.22E-07	5.82E-09	1.41E-07	3.10E-08	4.23E-08	6.72E-08	1.18E-08	6.39E-08	3.63E-07
3503	472863.1	3849877.3	5.52E-04	5.65E-04	5.33E-04	1.91E-07	5.77E-07	3.34E-07	3.42E-07	3.10E-07	1.41E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.64E-08	7.37E-08	1.30E-08	7.00E-08	3.98E-07
3504	473363.1	3849877.3	6.17E-04	6.32E-04	5.96E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.47E-07	1.58E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.45E-08	7.83E-08	4.44E-07
3505	473863.1	3849877.3	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
3506	474363.1	3849877.3	8.15E-04	8.34E-04	7.87E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.09E-07	1.97E-07	9.42E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.92E-08	1.03E-07	5.87E-07
3507	474863.1	3849877.3	9.55E-04	9.78E-04	9.23E-04	3.31E-07	9.98E-07	5.78E-07	5.92E-07	5.36E-07	2.45E-07	2.31E-07	1.10E-08	2.67E-07	5.88E-08	8.03E-08	1.27E-07	2.25E-08	1.21E-07	6.88E-07
3508	475363.1	3849877.3	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.92E-07	7.09E-07	6.43E-07	2.93E-07	2.77E-07	1.32E-08	3.19E-07	7.05E-08	9.62E-08	1.53E-07	2.69E-08	1.45E-07	8.24E-07
3509	475863.1	3849877.3	1.40E-03	1.43E-03	1.35E-03	4.83E-07	1.46E-06	8.45E-07	8.65E-07	7.84E-07	3.58E-07	3.38E-07	1.61E-08	3.90E-07	8.60E-08	1.17E-07	1.86E-07	3.28E-08	1.77E-07	1.01E-06
3510	476363.1	3849877.3	1.78E-03	1.83E-03	1.72E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.57E-07	4.31E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.19E-08	2.26E-07	1.28E-06
3511	476863.1	3849877.3	2.65E-03	2.71E-03	2.56E-03	9.17E-07	2.77E-06	1.60E-06	1.64E-06	1.49E-06	6.79E-07	6.40E-07	3.06E-08	7.39E-07	1.63E-07	2.23E-07	3.53E-07	6.23E-08	3.36E-07	1.91E-06
3512	477363.1	3849877.3	6.25E-03	6.40E-03	6.04E-03	2.16E-06	6.54E-06	3.78E-06	3.88E-06	3.51E-06	1.60E-06	1.51E-06	7.23E-08	1.75E-06	3.85E-07	5.26E-07	8.35E-07	1.47E-07	7.94E-07	4.51E-06
3513	477863.1	3849877.3	3.01E-02	3.09E-02	2.91E-02	1.04E-05	3.15E-05	1.82E-05	1.87E-05	1.69E-05	7.72E-06	7.29E-06	3.48E-07	8.41E-06	1.86E-06	2.54E-06	4.02E-06	7.09E-07	3.82E-06	2.17E-05
3514	478363.1	3849877.3	8.22E-03	8.42E-03	7.94E-03	2.85E-06	8.59E-06	4.97E-06	5.09E-06	4.62E-06	2.11E-06	1.99E-06	9.50E-08	2.29E-06	5.06E-07	6.92E-07	1.10E-06	1.93E-07	1.04E-06	5.92E-06
3515	478863.1	3849877.3	4.94E-03	5.05E-03	4.77E-03	1.71E-06	5.16E-06	2.99E-06	3.06E-06	2.77E-06	1.27E-06	1.19E-06	5.70E-08	1.38E-06	3.04E-07	4.15E-07	6.59E-07	1.16E-07	6.26E-07	3.56E-06
3516	479363.1	3849877.3	3.39E-03	3.47E-03	3.27E-03	1.17E-06	3.54E-06	2.05E-06	2.10E-06	1.90E-06	8.69E-07	8.19E-07	3.92E-08	9.46E-07	2.09E-07	2.85E-07	4.52E-07	7.97E-08	4.30E-07	2.44E-06
3517	479863.1	3849877.3	2.70E-03	2.76E-03	2.61E-03	9.33E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.91E-07	6.52E-07	3.12E-08	7.53E-07	1.66E-07	2.27E-07	3.60E-07	6.34E-08	3.42E-07	1.94E-06
3518	480363.1	3849877.3	2.06E-03	2.11E-03	1.99E-03	7.13E-07	2.15E-06	1.25E-06	1.28E-06	1.16E-06	5.28E-07	4.98E-07	2.38E-08	5.75E-07	1.27E-07	1.73E-07	2.75E-07	4.85E-08	2.61E-07	1.48E-06
3519	480863.1	3849877.3	1.67E-03	1.71E-03	1.62E-03	5.79E-07	1.75E-06	1.01E-06	1.04E-06	9.39E-07	4.29E-07	4.04E-07	1.93E-08	4.67E-07	1.03E-07	1.41E-07	2.23E-07	3.93E-08	2.12E-07	1.20E-06
3520	481363.1	3849877.3	1.43E-03	1.47E-03	1.38E-03	4.96E-07	1.50E-06	8.66E-07	8.87E-07	8.04E-07	3.67E-07	3.46E-07	1.65E-08	4.00E-07	8.82E-08	1.20E-07	1.91E-07	3.37E-08	1.82E-07	1.03E-06
3521	481863.1	3849877.3	1.11E-03	1.14E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.87E-07	6.23E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.83E-08	9.33E-08	1.48E-07	2.61E-08	1.41E-07	7.99E-07

3522	482363.1	3849877.3	9.49E-04	9.72E-04	9.17E-04	3.29E-07	9.92E-07	5.74E-07	5.88E-07	5.33E-07	2.43E-07	2.29E-07	1.10E-08	2.65E-07	5.85E-08	7.98E-08	1.27E-07	2.23E-08	1.20E-07	6.84E-07
3523	482863.1	3849877.3	8.41E-04	8.62E-04	8.13E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.73E-07	2.16E-07	2.03E-07	9.72E-09	2.35E-07	5.18E-08	7.08E-08	1.12E-07	1.98E-08	1.07E-07	6.06E-07
3524	483363.1	3849877.3	7.47E-04	7.65E-04	7.21E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.91E-07	1.81E-07	8.63E-09	2.09E-07	4.60E-08	6.28E-08	9.97E-08	1.76E-08	9.48E-08	5.38E-07
3525	483863.1	3849877.3	7.10E-04	7.27E-04	6.86E-04	2.46E-07	7.42E-07	4.30E-07	4.40E-07	3.99E-07	1.82E-07	1.72E-07	8.21E-09	1.98E-07	4.37E-08	5.97E-08	9.48E-08	1.67E-08	9.01E-08	5.11E-07
3526	484363.1	3849877.3	7.78E-04	7.97E-04	7.51E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.99E-07	1.88E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.83E-08	9.87E-08	5.60E-07
3527	484863.1	3849877.3	8.28E-04	8.48E-04	8.00E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.12E-07	2.00E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.11E-07	1.95E-08	1.05E-07	5.96E-07
3528	485363.1	3849877.3	7.70E-04	7.89E-04	7.44E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.97E-07	1.86E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.81E-08	9.78E-08	5.55E-07
3529	485863.1	3849877.3	7.00E-04	7.17E-04	6.76E-04	2.42E-07	7.31E-07	4.23E-07	4.34E-07	3.93E-07	1.79E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.89E-08	9.34E-08	1.65E-08	8.88E-08	5.04E-07
3530	486363.1	3849877.3	6.55E-04	6.71E-04	6.33E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.68E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.75E-08	1.54E-08	8.32E-08	4.72E-07
3531	486863.1	3849877.3	6.54E-04	6.70E-04	6.32E-04	2.26E-07	6.83E-07	3.96E-07	4.05E-07	3.67E-07	1.68E-07	1.58E-07	7.56E-09	1.83E-07	4.03E-08	5.50E-08	8.73E-08	1.54E-08	8.30E-08	4.71E-07
3532	487363.1	3849877.3	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
3533	487863.1	3849877.3	5.98E-04	6.12E-04	5.77E-04	2.07E-07	6.25E-07	3.62E-07	3.70E-07	3.36E-07	1.53E-07	1.45E-07	6.91E-09	1.67E-07	3.68E-08	5.03E-08	7.98E-08	1.41E-08	7.58E-08	4.31E-07
3534	488363.1	3849877.3	5.73E-04	5.87E-04	5.53E-04	1.98E-07	5.99E-07	3.46E-07	3.55E-07	3.22E-07	1.47E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.82E-08	7.64E-08	1.35E-08	7.27E-08	4.13E-07
3535	488863.1	3849877.3	5.52E-04	5.65E-04	5.33E-04	1.91E-07	5.77E-07	3.34E-07	3.42E-07	3.10E-07	1.41E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.64E-08	7.37E-08	1.30E-08	7.00E-08	3.98E-07
3536	489363.1	3849877.3	5.28E-04	5.41E-04	5.10E-04	1.83E-07	5.52E-07	3.20E-07	3.27E-07	2.97E-07	1.35E-07	1.28E-07	6.11E-09	1.48E-07	3.26E-08	4.45E-08	7.05E-08	1.24E-08	6.70E-08	3.81E-07
3537	489863.1	3849877.3	5.02E-04	5.14E-04	4.85E-04	1.74E-07	5.24E-07	3.04E-07	3.11E-07	2.82E-07	1.29E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.22E-08	6.70E-08	1.18E-08	6.37E-08	3.62E-07
3538	490363.1	3849877.3	4.75E-04	4.87E-04	4.59E-04	1.65E-07	4.97E-07	2.88E-07	2.95E-07	2.67E-07	1.22E-07	1.15E-07	5.49E-09	1.33E-07	2.93E-08	4.00E-08	6.34E-08	1.12E-08	6.03E-08	3.42E-07
3539	490863.1	3849877.3	4.53E-04	4.64E-04	4.38E-04	1.57E-07	4.74E-07	2.74E-07	2.81E-07	2.55E-07	1.16E-07	1.10E-07	5.24E-09	1.27E-07	2.79E-08	3.81E-08	6.05E-08	1.07E-08	5.75E-08	3.26E-07
3540	491363.1	3849877.3	4.34E-04	4.44E-04	4.19E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.11E-07	1.05E-07	5.02E-09	1.21E-07	2.67E-08	3.65E-08	5.79E-08	1.02E-08	5.51E-08	3.13E-07
3541	491863.1	3849877.3	4.06E-04	4.16E-04	3.92E-04	1.40E-07	4.24E-07	2.46E-07	2.52E-07	2.28E-07	1.04E-07	9.81E-08	4.69E-09	1.13E-07	2.50E-08	3.41E-08	5.42E-08	9.55E-09	5.15E-08	2.92E-07
3542	492363.1	3849877.3	3.82E-04	3.92E-04	3.69E-04	1.32E-07	4.00E-07	2.31E-07	2.37E-07	2.15E-07	9.80E-08	9.24E-08	4.42E-09	1.07E-07	2.36E-08	3.22E-08	5.10E-08	8.99E-09	4.85E-08	2.75E-07
3543	492863.1	3849877.3	3.56E-04	3.64E-04	3.44E-04	1.23E-07	3.72E-07	2.15E-07	2.20E-07	2.00E-07	9.12E-08	8.60E-08	4.11E-09	9.93E-08	2.19E-08	2.99E-08	4.75E-08	8.37E-09	4.51E-08	2.56E-07
3544	493363.1	3849877.3	3.31E-04	3.39E-04	3.19E-04	1.14E-07	3.46E-07	2.00E-07	2.05E-07	1.86E-07	8.47E-08	7.99E-08	3.82E-09	9.23E-08	2.04E-08	2.78E-08	4.41E-08	7.78E-09	4.20E-08	2.38E-07
3545	493863.1	3849877.3	3.16E-04	3.23E-04	3.05E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.77E-07	8.10E-08	7.64E-08	3.65E-09	8.82E-08	1.95E-08	2.66E-08	4.22E-08	7.43E-09	4.01E-08	2.28E-07
3546	494363.1	3849877.3	3.36E-04	3.45E-04	3.25E-04	1.16E-07	3.52E-07	2.04E-07	2.09E-07	1.89E-07	8.63E-08	8.14E-08	3.89E-09	9.40E-08	2.07E-08	2.83E-08	4.49E-08	7.92E-09	4.27E-08	2.42E-07
3547	494863.1	3849877.3	3.47E-04	3.55E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.89E-08	8.39E-08	4.01E-09	9.68E-08	2.14E-08	2.92E-08	4.63E-08	8.16E-09	4.40E-08	2.50E-07
3548	495363.1	3849877.3	3.19E-04	3.27E-04	3.08E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.17E-08	7.71E-08	3.69E-09	8.90E-08	1.96E-08	2.68E-08	4.26E-08	7.50E-09	4.05E-08	2.30E-07
3549	495863.1	3849877.3	3.34E-04	3.42E-04	3.22E-04	1.15E-07	3.49E-07	2.02E-07	2.07E-07	1.87E-07	8.55E-08	8.06E-08	3.86E-09	9.31E-08	2.06E-08	2.81E-08	4.45E-08	7.85E-09	4.23E-08	2.40E-07
3550	496363.1	3849877.3	3.34E-04	3.42E-04	3.22E-04	1.15E-07	3.49E-07	2.02E-07	2.07E-07	1.87E-07	8.55E-08	8.06E-08	3.86E-09	9.31E-08	2.06E-08	2.81E-08	4.45E-08	7.85E-09	4.23E-08	2.40E-07
3551	496863.1	3849877.3	3.32E-04	3.40E-04	3.21E-04	1.15E-07	3.47E-07	2.01E-07	2.06E-07	1.87E-07	8.51E-08	8.03E-08	3.84E-09	9.27E-08	2.05E-08	2.79E-08	4.43E-08	7.81E-09	4.21E-08	2.39E-07
3552	497363.1	3849877.3	3.50E-04	3.58E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.97E-08	8.46E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.44E-08	2.52E-07
3553	497863.1	3849877.3	3.51E-04	3.60E-04	3.39E-04	1.22E-07	3.67E-07	2.13E-07	2.18E-07	1.97E-07	9.00E-08	8.49E-08	4.06E-09	9.81E-08	2.16E-08	2.96E-08	4.69E-08	8.26E-09	4.46E-08	2.53E-07
3554	498363.1	3849877.3	3.41E-04	3.49E-04	3.29E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.92E-07	8.74E-08	8.24E-08	3.94E-09	9.52E-08	2.10E-08	2.87E-08	4.55E-08	8.02E-09	4.33E-08	2.46E-07
3555	471363.1	3850377.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3556	471863.1	3850377.3	3.63E-04	3.72E-04	3.51E-04	1.26E-07	3.79E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.78E-08	4.20E-09	1.01E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.61E-08	2.62E-07
3557	472363.1	3850377.3	4.13E-04	4.23E-04	3.99E-04	1.43E-07	4.32E-07	2.50E-07	2.56E-07	2.32E-07	1.06E-07	9.99E-08	4.78E-09	1.15E-07	2.55E-08	3.48E-08	5.52E-08	9.72E-09	5.24E-08	2.98E-07
3558	472863.1	3850377.3	4.80E-04	4.91E-04	4.63E-04	1.66E-07	5.01E-07	2.90E-07	2.97E-07	2.69E-07	1.23E-07	1.16E-07	5.54E-09	1.34E-07	2.96E-08	4.04E-08	6.40E-08	1.13E-08	6.09E-08	3.46E-07
3559	473363.1	3850377.3	5.25E-04	5.38E-04	5.08E-04	1.82E-07	5.49E-07	3.18E-07	3.26E-07	2.95E-07	1.35E-07	1.27E-07	6.07E-09	1.47E-07	3.24E-08	4.42E-08	7.01E-08	1.24E-08	6.67E-08	3.79E-07
3560	473863.1	3850377.3	5.80E-04	5.94E-04	5.60E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.49E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.36E-08	7.36E-08	4.18E-07
3561	474363.1	3850377.3	6.42E-04	6.58E-04	6.20E-04	2.22E-07	6.71E-07	3.88E-07	3.98E-07	3.61E-07	1.65E-07	1.55E-07	7.42E-09	1.79E-07	3.96E-08	5.40E-08	8.57E-08	1.51E-08	8.15E-08	4.63E-07
3562	474863.1	3850377.3	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
3563	475363.1	3850377.3	8.00E-04	8.19E-04	7.73E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.49E-07	2.05E-07	1.93E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.88E-08	1.02E-07	5.76E-07
3564	475863.1	3850377.3	9.21E-04	9.43E-04	8.90E-04	3.19E-07	9.63E-07	5.57E-07	5.71E-07	5.17E-07	2.36E-07	2.23E-07	1.06E-08	2.57E-07	5.67E-08	7.75E-08	1.23E-07	2.17E-08	1.17E-07	6.63E-07
3565	476363.1	3850377.3	1.07E-03	1.09E-03	1.03E-03	3.70E-07	1.12E-06	6.47E-07	6.62E-07	6.00E-07	2.74E-07	2.58E-07	1.24E-08	2.98E-07	6.58E-08	8.99E-08	1.43E-07	2.51E-08	1.36E-07	7.70E-07
3566	476863.1	3850377.3	1.29E-03	1.32E-03	1.24E-03	4.46E-07	1.35E-06	7.79E-07	7.98E-07	7.23E-07	3.30E-07	3.11E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	3.03E-08	1.63E-07	9.27E-07
3567	477363.1	3850377.3	1.66E-03	1.70E-03	1.61E-03	5.75E-07	1.74E-06	1.01E-06	1.03E-06	9.34E-07	4.26E-07	4.02E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.91E-08	2.11E-07	1.20E-06
3568	477863.1	3850377.3	2.49E-03	2.55E-03	2.41E-03	8.62E-07	2.60E-06	1.51E-06	1.54E-06	1.40E-06	6.39E-07	6.02E-07	2.88E-08	6.96E-07	1.53E-07	2.10E-07	3.33E-07	5.86E-08	3.16E-07	1.79E-06
3569	478363.1	3850377.3	5.86E-03	6.00E-03	5.66E-03	2.03E-06	6.12E-06	3.54E-06	3.63E-06	3.29E-06	1.50E-06	1.42E-06	6.77E-08	1.64E-06	3.61E-07	4.93E-07	7.82E-07	1.38E-07	7.43E-07	4.22E-06
3570	478863.1	3850377.3	3.44E-02	3.52E-02	3.32E-02	1.19E-05	3.60E-05	2.08E-05	2.13E-05	1.93E-05	8.82E-06	8.32E-06	3.98E-07	9.61E-06	2.12E-06	2.90E-06	4.59E-06	8.10E-07	4.37E-06	2.48E-05
3571	479363.1	3850377.3	8.66E-03	8.87E-03	8.37E-03	3.00E-06	9.05E-06	5.24E-06	5.37E-06	4.87E-06	2.22E-06	2.09E-06	1.00E-07	2.42E-06	5.34E-07	7.29E-07	1.16E-06	2.04E-07	1.10E-06	6.24E-06
3572	479863.1	3850377.3	4.79E-03	4.91E-03	4.63E-03	1.66E-06	5.01E-06	2.90E-06	2.97E-06	2.69E-06	1.23E-06	1.16E-06	5.54E-08	1.34E-06	2.95E-07	4.03E-07	6.39E-07	1.13E-07	6.08E-07	3.45E-06
3573	480363.1	3850377.3	3.30E-03	3.38E-03	3.19E-03	1.14E-06	3.45E-06	2.00E-06	2.05E-06	1.85E-06	8.46E-07	7.98E-07	3.82E-08	9.22E-07	2.03E-07	2.78E-07	4.41E-07	7.77E-08	4.19E-07	2.38E-06
3574	480863.1	3850377.3	2.62E-03	2.68E-03	2.53E-03	9.07E-07	2.74E-06	1.59E-06	1.62E-06	1.47E-06	6.72E-07	6.33E-07	3.03E-08	7.31E-07	1.61E-07	2.20E-07	3.50E-07	6.16E-08	3.32E-07	1.89E-06
3575	481363.1	3850377.3	1.81E-03	1.86E-03	1.75E-03	6.27E-07	1.89E-06	1.10E-06	1.12E-06	1.02E-06	4.65E-07	4.38E-07	2.09E-08	5.06E-07	1.12E-07	1.52E-07	2.42E-07	4.26E-08	2.30E-07	1.31E-06
3576	481863.1	3850377.3	1.55E-03	1.59E-03	1.50E-03	5.38E-07	1.62E-06	9.40E-07	9.63E-07	8.73E-07	3.98E-07	3.76E-07	1.80E-08	4.34E-07	9.58E-08	1.31E-07	2.07E-07	3.66E-08	1.97E-07	1.12E-06
3577	482363.1	3850377.3	1.34E-03	1.37E-03	1.29E-03	4.63E-07	1.40E-06	8.09E-07	8.29E-07	7.51E-07	3.43E-07	3.23E-07	1.55E-08	3.73E-07	8.24E-08	1.13E-07	1.78E-07	3.15E-08	1.70E-07	9.63E-07

3578	482863.1	3850377.3	1.06E-03	1.09E-03	1.03E-03	3.68E-07	1.11E-06	6.44E-07	6.59E-07	5.98E-07	2.73E-07	2.57E-07	1.23E-08	2.97E-07	6.56E-08	8.95E-08	1.42E-07	2.50E-08	1.35E-07	7.67E-07
3579	483363.1	3850377.3	9.09E-04	9.31E-04	8.78E-04	3.15E-07	9.50E-07	5.50E-07	5.63E-07	5.11E-07	2.33E-07	2.20E-07	1.05E-08	2.54E-07	5.60E-08	7.65E-08	1.21E-07	2.14E-08	1.15E-07	6.55E-07
3580	483863.1	3850377.3	8.86E-04	9.07E-04	8.56E-04	3.07E-07	9.26E-07	5.36E-07	5.49E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.46E-08	7.45E-08	1.18E-07	2.08E-08	1.12E-07	6.38E-07
3581	484363.1	3850377.3	8.96E-04	9.18E-04	8.65E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.30E-07	2.17E-07	1.04E-08	2.50E-07	5.52E-08	7.54E-08	1.20E-07	2.11E-08	1.14E-07	6.45E-07
3582	484863.1	3850377.3	9.05E-04	9.27E-04	8.74E-04	3.13E-07	9.46E-07	5.47E-07	5.61E-07	5.08E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.57E-08	7.61E-08	1.21E-07	2.13E-08	1.15E-07	6.52E-07
3583	485363.1	3850377.3	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
3584	485863.1	3850377.3	7.85E-04	8.04E-04	7.59E-04	2.72E-07	8.21E-07	4.75E-07	4.87E-07	4.41E-07	2.01E-07	1.90E-07	9.08E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.85E-08	9.96E-08	5.66E-07
3585	486363.1	3850377.3	7.47E-04	7.65E-04	7.21E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.91E-07	1.81E-07	8.63E-09	2.09E-07	4.60E-08	6.28E-08	9.97E-08	1.76E-08	9.48E-08	5.38E-07
3586	486863.1	3850377.3	7.11E-04	7.29E-04	6.87E-04	2.46E-07	7.44E-07	4.30E-07	4.41E-07	4.00E-07	1.82E-07	1.72E-07	8.22E-09	1.99E-07	4.38E-08	5.99E-08	9.50E-08	1.67E-08	9.03E-08	5.12E-07
3587	487363.1	3850377.3	6.69E-04	6.85E-04	6.46E-04	2.31E-07	6.99E-07	4.05E-07	4.14E-07	3.76E-07	1.71E-07	1.62E-07	7.73E-09	1.87E-07	4.12E-08	5.63E-08	8.92E-08	1.57E-08	8.48E-08	4.82E-07
3588	487863.1	3850377.3	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
3589	488363.1	3850377.3	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
3590	488863.1	3850377.3	5.84E-04	5.99E-04	5.65E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.50E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.92E-08	7.80E-08	1.37E-08	7.42E-08	4.21E-07
3591	489363.1	3850377.3	5.58E-04	5.71E-04	5.39E-04	1.93E-07	5.83E-07	3.38E-07	3.46E-07	3.13E-07	1.43E-07	1.35E-07	6.45E-09	1.56E-07	3.44E-08	4.69E-08	7.45E-08	1.31E-08	7.08E-08	4.02E-07
3592	489863.1	3850377.3	5.27E-04	5.40E-04	5.09E-04	1.82E-07	5.51E-07	3.19E-07	3.27E-07	2.96E-07	1.35E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.43E-08	7.03E-08	1.24E-08	6.69E-08	3.80E-07
3593	490363.1	3850377.3	4.99E-04	5.11E-04	4.82E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.28E-07	1.21E-07	5.77E-09	1.39E-07	3.07E-08	4.20E-08	6.66E-08	1.17E-08	6.33E-08	3.59E-07
3594	490863.1	3850377.3	4.77E-04	4.88E-04	4.61E-04	1.65E-07	4.98E-07	2.88E-07	2.95E-07	2.68E-07	1.22E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	4.01E-08	6.36E-08	1.12E-08	6.05E-08	3.43E-07
3595	491363.1	3850377.3	4.53E-04	4.64E-04	4.38E-04	1.57E-07	4.74E-07	2.74E-07	2.81E-07	2.55E-07	1.16E-07	1.10E-07	5.24E-09	1.27E-07	2.79E-08	3.81E-08	6.05E-08	1.07E-08	5.75E-08	3.26E-07
3596	491863.1	3850377.3	4.22E-04	4.32E-04	4.08E-04	1.46E-07	4.41E-07	2.55E-07	2.62E-07	2.37E-07	1.08E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.55E-08	5.63E-08	9.93E-09	5.36E-08	3.04E-07
3597	492363.1	3850377.3	3.93E-04	4.02E-04	3.79E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	1.01E-07	9.49E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.24E-09	4.98E-08	2.83E-07
3598	492863.1	3850377.3	3.73E-04	3.82E-04	3.61E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.10E-07	9.57E-08	9.03E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.78E-09	4.74E-08	2.69E-07
3599	493363.1	3850377.3	3.50E-04	3.58E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.97E-08	8.46E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.44E-08	2.52E-07
3600	493863.1	3850377.3	3.54E-04	3.63E-04	3.42E-04	1.23E-07	3.70E-07	2.14E-07	2.20E-07	1.99E-07	9.08E-08	8.56E-08	4.09E-09	9.89E-08	2.18E-08	2.98E-08	4.73E-08	8.33E-09	4.49E-08	2.55E-07
3601	494363.1	3850377.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
3602	494863.1	3850377.3	3.62E-04	3.70E-04	3.49E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.27E-08	8.74E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.51E-09	4.59E-08	2.61E-07
3603	495363.1	3850377.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07
3604	495863.1	3850377.3	3.54E-04	3.63E-04	3.42E-04	1.23E-07	3.70E-07	2.14E-07	2.20E-07	1.99E-07	9.08E-08	8.56E-08	4.09E-09	9.89E-08	2.18E-08	2.98E-08	4.73E-08	8.33E-09	4.49E-08	2.55E-07
3605	496363.1	3850377.3	3.63E-04	3.72E-04	3.51E-04	1.26E-07	3.79E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.78E-08	4.20E-09	1.01E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.61E-08	2.62E-07
3606	496863.1	3850377.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07
3607	497363.1	3850377.3	3.69E-04	3.78E-04	3.56E-04	1.28E-07	3.86E-07	2.23E-07	2.29E-07	2.07E-07	9.46E-08	8.92E-08	4.27E-09	1.03E-07	2.27E-08	3.10E-08	4.92E-08	8.68E-09	4.68E-08	2.66E-07
3608	497863.1	3850377.3	3.60E-04	3.69E-04	3.48E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.23E-08	8.71E-08	4.16E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.47E-09	4.57E-08	2.59E-07
3609	498363.1	3850377.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
3610	471363.1	3850877.3	2.94E-04	3.01E-04	2.84E-04	1.02E-07	3.07E-07	1.78E-07	1.82E-07	1.65E-07	7.53E-08	7.10E-08	3.39E-09	8.20E-08	1.81E-08	2.47E-08	3.92E-08	6.91E-09	3.73E-08	2.12E-07
3611	471863.1	3850877.3	3.26E-04	3.34E-04	3.15E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.36E-08	7.89E-08	3.77E-09	9.11E-08	2.01E-08	2.74E-08	4.35E-08	7.67E-09	4.14E-08	2.35E-07
3612	472363.1	3850877.3	3.72E-04	3.81E-04	3.59E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.09E-07	9.53E-08	8.99E-08	4.30E-09	1.04E-07	2.29E-08	3.13E-08	4.96E-08	8.75E-09	4.72E-08	2.68E-07
3613	472863.1	3850877.3	4.19E-04	4.29E-04	4.05E-04	1.45E-07	4.38E-07	2.54E-07	2.60E-07	2.35E-07	1.07E-07	1.01E-07	4.85E-09	1.17E-07	2.58E-08	3.53E-08	5.59E-08	9.86E-09	5.32E-08	3.02E-07
3614	473363.1	3850877.3	4.29E-04	4.40E-04	4.15E-04	1.49E-07	4.49E-07	2.60E-07	2.66E-07	2.41E-07	1.10E-07	1.04E-07	4.96E-09	1.20E-07	2.65E-08	3.61E-08	5.73E-08	1.01E-08	5.45E-08	3.09E-07
3615	473863.1	3850877.3	4.89E-04	5.00E-04	4.72E-04	1.69E-07	5.11E-07	2.96E-07	3.03E-07	2.74E-07	1.25E-07	1.18E-07	5.65E-09	1.36E-07	3.01E-08	4.11E-08	6.52E-08	1.15E-08	6.20E-08	3.52E-07
3616	474363.1	3850877.3	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
3617	474863.1	3850877.3	5.89E-04	6.03E-04	5.69E-04	2.04E-07	6.15E-07	3.56E-07	3.65E-07	3.31E-07	1.51E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.95E-08	7.86E-08	1.39E-08	7.47E-08	4.24E-07
3618	475363.1	3850877.3	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
3619	475863.1	3850877.3	7.11E-04	7.29E-04	6.87E-04	2.46E-07	7.44E-07	4.30E-07	4.41E-07	4.00E-07	1.82E-07	1.72E-07	8.22E-09	1.99E-07	4.38E-08	5.99E-08	9.50E-08	1.67E-08	9.03E-08	5.12E-07
3620	476363.1	3850877.3	7.98E-04	8.18E-04	7.71E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.49E-07	2.05E-07	1.93E-07	9.23E-09	2.23E-07	4.92E-08	6.72E-08	1.07E-07	1.88E-08	1.01E-07	5.75E-07
3621	476863.1	3850877.3	8.94E-04	9.16E-04	8.64E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.50E-07	5.51E-08	7.53E-08	1.19E-07	2.10E-08	1.13E-07	6.44E-07
3622	477363.1	3850877.3	1.03E-03	1.06E-03	9.97E-04	3.57E-07	1.08E-06	6.24E-07	6.39E-07	5.80E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.36E-08	8.68E-08	1.38E-07	2.43E-08	1.31E-07	7.43E-07
3623	477863.1	3850877.3	1.24E-03	1.27E-03	1.20E-03	4.31E-07	1.30E-06	7.53E-07	7.71E-07	6.99E-07	3.19E-07	3.01E-07	1.44E-08	3.47E-07	7.67E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.96E-07
3624	478363.1	3850877.3	1.63E-03	1.67E-03	1.58E-03	5.65E-07	1.70E-06	9.87E-07	1.01E-06	9.16E-07	4.18E-07	3.94E-07	1.89E-08	4.55E-07	1.00E-07	1.37E-07	2.18E-07	3.84E-08	2.07E-07	1.17E-06
3625	478863.1	3850877.3	2.40E-03	2.45E-03	2.31E-03	8.29E-07	2.50E-06	1.45E-06	1.48E-06	1.35E-06	6.14E-07	5.79E-07	2.77E-08	6.69E-07	1.48E-07	2.02E-07	3.20E-07	5.63E-08	3.04E-07	1.73E-06
3626	479363.1	3850877.3	5.26E-03	5.39E-03	5.08E-03	1.82E-06	5.50E-06	3.18E-06	3.26E-06	2.96E-06	1.35E-06	1.27E-06	6.08E-08	1.47E-06	3.24E-07	4.43E-07	7.02E-07	1.24E-07	6.68E-07	3.79E-06
3627	479863.1	3850877.3	4.13E-02	4.23E-02	3.99E-02	1.43E-05	4.32E-05	2.50E-05	2.56E-05	2.32E-05	1.06E-05	9.99E-06	4.77E-07	1.15E-05	2.54E-06	3.48E-06	5.51E-06	9.72E-07	5.24E-06	2.98E-05
3628	480363.1	3850877.3	8.87E-03	9.09E-03	8.57E-03	3.07E-06	9.27E-06	5.37E-06	5.50E-06	4.98E-06	2.27E-06	2.15E-06	1.03E-07	2.48E-06	5.47E-07	7.46E-07	1.18E-06	2.09E-07	1.13E-06	6.39E-06
3629	480863.1	3850877.3	4.86E-03	4.98E-03	4.70E-03	1.68E-06	5.08E-06	2.94E-06	3.01E-06	2.73E-06	1.25E-06	1.18E-06	5.62E-08	1.36E-06	3.00E-07	4.09E-07	6.49E-07	1.14E-07	6.17E-07	3.50E-06
3630	481363.1	3850877.3	3.30E-03	3.38E-03	3.18E-03	1.14E-06	3.44E-06	1.99E-06	2.04E-06	1.85E-06	8.45E-07	7.97E-07	3.81E-08	9.20E-07	2.03E-07	2.77E-07	4.40E-07	7.75E-08	4.18E-07	2.37E-06
3631	481863.1	3850877.3	2.37E-03	2.43E-03	2.29E-03	8.21E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	6.08E-07	5.73E-07	2.74E-08	6.62E-07	1.46E-07	2.00E-07	3.17E-07	5.58E-08	3.01E-07	1.71E-06
3632	482363.1	3850877.3	1.75E-03	1.79E-03	1.69E-03	6.04E-07	1.82E-06	1.06E-06	1.08E-06	9.81E-07	4.48E-07	4.22E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.11E-08	2.22E-07	1.26E-06
3633	482863.1	3850877.3	1.41E-03	1.44E-03	1.36E-03	4.88E-07	1.47E-06	8.53E-07	8.73E-07	7.92E-07	3.61E-07	3.41E-07	1.63E-08	3.94E-07	8.68E-08	1.19E-07	1.88E-07	3.32E-08	1.79E-07	1.02E-06

3634	483363.1	3850877.3	1.16E-03	1.18E-03	1.12E-03	4.00E-07	1.21E-06	6.99E-07	7.16E-07	6.49E-07	2.96E-07	2.79E-07	1.34E-08	3.23E-07	7.12E-08	9.72E-08	1.54E-07	2.72E-08	1.47E-07	8.33E-07
3635	483863.1	3850877.3	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.69E-07	2.54E-07	1.21E-08	2.93E-07	6.47E-08	8.84E-08	1.40E-07	2.47E-08	1.33E-07	7.57E-07
3636	484363.1	3850877.3	1.03E-03	1.06E-03	9.98E-04	3.58E-07	1.08E-06	6.25E-07	6.40E-07	5.80E-07	2.65E-07	2.50E-07	1.19E-08	2.88E-07	6.37E-08	8.69E-08	1.38E-07	2.43E-08	1.31E-07	7.44E-07
3637	484863.1	3850877.3	9.65E-04	9.89E-04	9.33E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.47E-07	2.33E-07	1.12E-08	2.70E-07	5.95E-08	8.12E-08	1.29E-07	2.27E-08	1.22E-07	6.95E-07
3638	485363.1	3850877.3	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
3639	485863.1	3850877.3	8.29E-04	8.50E-04	8.01E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.13E-07	2.01E-07	9.59E-09	2.32E-07	5.11E-08	6.98E-08	1.11E-07	1.95E-08	1.05E-07	5.98E-07
3640	486363.1	3850877.3	8.00E-04	8.19E-04	7.73E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.49E-07	2.05E-07	1.93E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.88E-08	1.02E-07	5.76E-07
3641	486863.1	3850877.3	7.56E-04	7.74E-04	7.30E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.25E-07	1.94E-07	1.83E-07	8.73E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.78E-08	9.59E-08	5.44E-07
3642	487363.1	3850877.3	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
3643	487863.1	3850877.3	6.70E-04	6.86E-04	6.47E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.72E-07	1.62E-07	7.75E-09	1.87E-07	4.13E-08	5.64E-08	8.94E-08	1.58E-08	8.50E-08	4.83E-07
3644	488363.1	3850877.3	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
3645	488863.1	3850877.3	6.08E-04	6.23E-04	5.87E-04	2.10E-07	6.36E-07	3.68E-07	3.77E-07	3.42E-07	1.56E-07	1.47E-07	7.03E-09	1.70E-07	3.75E-08	5.12E-08	8.12E-08	1.43E-08	7.72E-08	4.38E-07
3646	489363.1	3850877.3	5.81E-04	5.96E-04	5.62E-04	2.01E-07	6.08E-07	3.52E-07	3.60E-07	3.27E-07	1.49E-07	1.41E-07	6.72E-09	1.62E-07	3.58E-08	4.89E-08	7.76E-08	1.37E-08	7.38E-08	4.19E-07
3647	489863.1	3850877.3	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
3648	490363.1	3850877.3	5.27E-04	5.40E-04	5.09E-04	1.82E-07	5.51E-07	3.19E-07	3.27E-07	2.96E-07	1.35E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.43E-08	7.03E-08	1.24E-08	6.69E-08	3.80E-07
3649	490863.1	3850877.3	5.02E-04	5.14E-04	4.85E-04	1.74E-07	5.24E-07	3.04E-07	3.11E-07	2.82E-07	1.29E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.22E-08	6.70E-08	1.18E-08	6.37E-08	3.62E-07
3650	491363.1	3850877.3	4.74E-04	4.85E-04	4.58E-04	1.64E-07	4.95E-07	2.87E-07	2.94E-07	2.66E-07	1.21E-07	1.15E-07	5.48E-09	1.32E-07	2.92E-08	3.99E-08	6.32E-08	1.11E-08	6.01E-08	3.41E-07
3651	491863.1	3850877.3	4.44E-04	4.55E-04	4.29E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.50E-07	1.14E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.74E-08	5.93E-08	1.05E-08	5.64E-08	3.20E-07
3652	492363.1	3850877.3	4.18E-04	4.28E-04	4.04E-04	1.45E-07	4.37E-07	2.53E-07	2.59E-07	2.35E-07	1.07E-07	1.01E-07	4.83E-09	1.17E-07	2.57E-08	3.51E-08	5.58E-08	9.83E-09	5.30E-08	3.01E-07
3653	492863.1	3850877.3	3.98E-04	4.08E-04	3.85E-04	1.38E-07	4.16E-07	2.41E-07	2.47E-07	2.24E-07	1.02E-07	9.64E-08	4.61E-09	1.11E-07	2.46E-08	3.35E-08	5.32E-08	9.37E-09	5.06E-08	2.87E-07
3654	493363.1	3850877.3	3.85E-04	3.95E-04	3.72E-04	1.33E-07	4.03E-07	2.33E-07	2.39E-07	2.16E-07	9.87E-08	9.31E-08	4.45E-09	1.08E-07	2.37E-08	3.24E-08	5.14E-08	9.06E-09	4.89E-08	2.78E-07
3655	493863.1	3850877.3	3.88E-04	3.98E-04	3.75E-04	1.34E-07	4.06E-07	2.35E-07	2.41E-07	2.18E-07	9.95E-08	9.39E-08	4.49E-09	1.08E-07	2.39E-08	3.27E-08	5.18E-08	9.13E-09	4.93E-08	2.80E-07
3656	494363.1	3850877.3	3.82E-04	3.92E-04	3.69E-04	1.32E-07	4.00E-07	2.31E-07	2.37E-07	2.15E-07	9.80E-08	9.24E-08	4.42E-09	1.07E-07	2.36E-08	3.22E-08	5.10E-08	8.99E-09	4.85E-08	2.75E-07
3657	494863.1	3850877.3	3.87E-04	3.96E-04	3.74E-04	1.34E-07	4.04E-07	2.34E-07	2.40E-07	2.17E-07	9.91E-08	9.35E-08	4.47E-09	1.08E-07	2.38E-08	3.25E-08	5.16E-08	9.10E-09	4.91E-08	2.79E-07
3658	495363.1	3850877.3	3.94E-04	4.04E-04	3.81E-04	1.36E-07	4.12E-07	2.38E-07	2.44E-07	2.21E-07	1.01E-07	9.53E-08	4.56E-09	1.10E-07	2.43E-08	3.32E-08	5.26E-08	9.27E-09	5.00E-08	2.84E-07
3659	495863.1	3850877.3	3.87E-04	3.96E-04	3.74E-04	1.34E-07	4.04E-07	2.34E-07	2.40E-07	2.17E-07	9.91E-08	9.35E-08	4.47E-09	1.08E-07	2.38E-08	3.25E-08	5.16E-08	9.10E-09	4.91E-08	2.79E-07
3660	496363.1	3850877.3	3.85E-04	3.95E-04	3.72E-04	1.33E-07	4.03E-07	2.33E-07	2.39E-07	2.16E-07	9.87E-08	9.31E-08	4.45E-09	1.08E-07	2.37E-08	3.24E-08	5.14E-08	9.06E-09	4.89E-08	2.78E-07
3661	496863.1	3850877.3	3.90E-04	3.99E-04	3.76E-04	1.35E-07	4.07E-07	2.36E-07	2.41E-07	2.19E-07	9.99E-08	9.42E-08	4.50E-09	1.09E-07	2.40E-08	3.28E-08	5.20E-08	9.17E-09	4.94E-08	2.81E-07
3662	497363.1	3850877.3	3.81E-04	3.90E-04	3.68E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.14E-07	9.76E-08	9.21E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.08E-08	8.96E-09	4.83E-08	2.74E-07
3663	497863.1	3850877.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07
3664	498363.1	3850877.3	3.60E-04	3.69E-04	3.48E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.23E-08	8.71E-08	4.16E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.47E-09	4.57E-08	2.59E-07
3665	471363.1	3851377.3	2.85E-04	2.92E-04	2.75E-04	9.86E-08	2.98E-07	1.72E-07	1.77E-07	1.60E-07	7.30E-08	6.89E-08	3.29E-09	7.95E-08	1.76E-08	2.40E-08	3.80E-08	6.70E-09	3.61E-08	2.05E-07
3666	471863.1	3851377.3	3.31E-04	3.39E-04	3.19E-04	1.14E-07	3.46E-07	2.00E-07	2.05E-07	1.86E-07	8.47E-08	7.99E-08	3.82E-09	9.23E-08	2.04E-08	2.78E-08	4.41E-08	7.78E-09	4.20E-08	2.38E-07
3667	472363.1	3851377.3	3.42E-04	3.51E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	8.05E-09	4.34E-08	2.47E-07
3668	472863.1	3851377.3	3.57E-04	3.66E-04	3.45E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.01E-07	9.16E-08	8.64E-08	4.13E-09	9.97E-08	2.20E-08	3.01E-08	4.77E-08	8.40E-09	4.53E-08	2.57E-07
3669	473363.1	3851377.3	3.44E-04	3.52E-04	3.32E-04	1.19E-07	3.59E-07	2.08E-07	2.13E-07	1.93E-07	8.81E-08	8.31E-08	3.98E-09	9.60E-08	2.12E-08	2.89E-08	4.59E-08	8.09E-09	4.36E-08	2.48E-07
3670	473863.1	3851377.3	3.67E-04	3.76E-04	3.55E-04	1.27E-07	3.84E-07	2.22E-07	2.28E-07	2.06E-07	9.42E-08	8.89E-08	4.25E-09	1.03E-07	2.26E-08	3.09E-08	4.91E-08	8.65E-09	4.66E-08	2.65E-07
3671	474363.1	3851377.3	4.38E-04	4.49E-04	4.23E-04	1.52E-07	4.58E-07	2.65E-07	2.72E-07	2.46E-07	1.12E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.69E-08	5.85E-08	1.03E-08	5.56E-08	3.16E-07
3672	474863.1	3851377.3	5.00E-04	5.12E-04	4.83E-04	1.73E-07	5.23E-07	3.03E-07	3.10E-07	2.81E-07	1.28E-07	1.21E-07	5.78E-09	1.40E-07	3.08E-08	4.21E-08	6.68E-08	1.18E-08	6.35E-08	3.60E-07
3673	475363.1	3851377.3	5.49E-04	5.62E-04	5.30E-04	1.90E-07	5.74E-07	3.32E-07	3.40E-07	3.08E-07	1.41E-07	1.33E-07	6.35E-09	1.53E-07	3.38E-08	4.62E-08	7.33E-08	1.29E-08	6.97E-08	3.96E-07
3674	475863.1	3851377.3	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07
3675	476363.1	3851377.3	6.51E-04	6.67E-04	6.29E-04	2.25E-07	6.80E-07	3.94E-07	4.03E-07	3.66E-07	1.67E-07	1.57E-07	7.52E-09	1.82E-07	4.01E-08	5.48E-08	8.69E-08	1.53E-08	8.26E-08	4.69E-07
3676	476863.1	3851377.3	7.16E-04	7.33E-04	6.92E-04	2.48E-07	7.48E-07	4.33E-07	4.44E-07	4.02E-07	1.83E-07	1.73E-07	8.27E-09	2.00E-07	4.41E-08	6.02E-08	9.55E-08	1.68E-08	9.08E-08	5.16E-07
3677	477363.1	3851377.3	7.87E-04	8.06E-04	7.60E-04	2.72E-07	8.22E-07	4.76E-07	4.88E-07	4.42E-07	2.02E-07	1.90E-07	9.09E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.85E-08	9.98E-08	5.67E-07
3678	477863.1	3851377.3	8.87E-04	9.08E-04	8.57E-04	3.07E-07	9.27E-07	5.37E-07	5.50E-07	4.98E-07	2.27E-07	2.14E-07	1.03E-08	2.48E-07	5.47E-08	7.46E-08	1.18E-07	2.09E-08	1.13E-07	6.39E-07
3679	478363.1	3851377.3	1.03E-03	1.05E-03	9.91E-04	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.63E-07	2.48E-07	1.19E-08	2.86E-07	6.32E-08	8.63E-08	1.37E-07	2.41E-08	1.30E-07	7.39E-07
3680	478863.1	3851377.3	1.24E-03	1.27E-03	1.20E-03	4.31E-07	1.30E-06	7.53E-07	7.71E-07	6.99E-07	3.19E-07	3.01E-07	1.44E-08	3.47E-07	7.67E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.96E-07
3681	479363.1	3851377.3	1.61E-03	1.65E-03	1.55E-03	5.56E-07	1.68E-06	9.72E-07	9.96E-07	9.03E-07	4.12E-07	3.89E-07	1.86E-08	4.49E-07	9.90E-08	1.35E-07	2.15E-07	3.78E-08	2.04E-07	1.16E-06
3682	479863.1	3851377.3	2.35E-03	2.41E-03	2.27E-03	8.14E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	6.03E-07	5.68E-07	2.72E-08	6.56E-07	1.45E-07	1.98E-07	3.14E-07	5.53E-08	2.98E-07	1.69E-06
3683	480363.1	3851377.3	5.11E-03	5.24E-03	4.94E-03	1.77E-06	5.35E-06	3.09E-06	3.17E-06	2.87E-06	1.31E-06	1.24E-06	5.91E-08	1.43E-06	3.15E-07	4.30E-07	6.83E-07	1.20E-07	6.49E-07	3.68E-06
3684	480863.1	3851377.3	4.51E-02	4.62E-02	4.36E-02	1.56E-05	4.71E-05	2.73E-05	2.79E-05	2.53E-05	1.16E-05	1.09E-05	5.21E-07	1.26E-05	2.78E-06	3.79E-06	6.02E-06	1.06E-06	5.72E-06	3.25E-05
3685	481363.1	3851377.3	8.25E-03	8.45E-03	7.97E-03	2.86E-06	8.62E-06	4.99E-06	5.11E-06	4.63E-06	2.11E-06	1.99E-06	9.54E-08	2.30E-06	5.08E-07	6.94E-07	1.10E-06	1.94E-07	1.05E-06	5.94E-06
3686	481863.1	3851377.3	3.98E-03	4.08E-03	3.85E-03	1.38E-06	4.16E-06	2.41E-06	2.47E-06	2.24E-06	1.02E-06	9.63E-07	4.60E-08	1.11E-06	2.45E-07	3.35E-07	5.32E-07	9.37E-08	5.05E-07	2.87E-06
3687	482363.1	3851377.3	2.60E-03	2.67E-03	2.52E-03	9.01E-07	2.72E-06	1.58E-06	1.61E-06	1.46E-06	6.67E-07	6.29E-07	3.01E-08	7.27E-07	1.60E-07	2.19E-07	3.48E-07	6.12E-08	3.30E-07	1.88E-06
3688	482863.1	3851377.3	1.79E-03	1.84E-03	1.73E-03	6.21E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.60E-07	4.34E-07	2.07E-08	5.01E-07	1.11E-07	1.51E-07	2.40E-07	4.22E-08	2.28E-07	1.29E-06
3689	483363.1	3851377.3	1.37E-03	1.41E-03	1.33E-03	4.75E-07	1.43E-06	8.30E-07	8.51E-07	7.71E-07	3.52E-07	3.32E-07	1.59E-08	3.83E-07	8.46E-08	1.15E-07	1.83E-07	3.23E-08	1.74E-07	9.89E-07

3690	483863.1	3851377.3	1.17E-03	1.20E-03	1.13E-03	4.06E-07	1.22E-06	7.09E-07	7.26E-07	6.58E-07	3.00E-07	2.83E-07	1.35E-08	3.27E-07	7.22E-08	9.86E-08	1.56E-07	2.76E-08	1.49E-07	8.44E-07
3691	484363.1	3851377.3	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	7.21E-07	6.53E-07	2.98E-07	2.81E-07	1.34E-08	3.25E-07	7.17E-08	9.79E-08	1.55E-07	2.74E-08	1.48E-07	8.38E-07
3692	484863.1	3851377.3	9.70E-04	9.93E-04	9.37E-04	3.36E-07	1.01E-06	5.87E-07	6.01E-07	5.45E-07	2.49E-07	2.34E-07	1.12E-08	2.71E-07	5.97E-08	8.16E-08	1.29E-07	2.28E-08	1.23E-07	6.99E-07
3693	485363.1	3851377.3	9.87E-04	1.01E-03	9.54E-04	3.42E-07	1.03E-06	5.97E-07	6.12E-07	5.55E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.08E-08	8.31E-08	1.32E-07	2.32E-08	1.25E-07	7.11E-07
3694	485863.1	3851377.3	8.78E-04	8.99E-04	8.48E-04	3.04E-07	9.18E-07	5.31E-07	5.44E-07	4.93E-07	2.25E-07	2.12E-07	1.02E-08	2.45E-07	5.41E-08	7.39E-08	1.17E-07	2.07E-08	1.11E-07	6.33E-07
3695	486363.1	3851377.3	8.50E-04	8.71E-04	8.21E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.78E-07	2.18E-07	2.06E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	2.00E-08	1.08E-07	6.12E-07
3696	486863.1	3851377.3	7.91E-04	8.10E-04	7.64E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	2.03E-07	1.91E-07	9.14E-09	2.21E-07	4.87E-08	6.66E-08	1.06E-07	1.86E-08	1.00E-07	5.70E-07
3697	487363.1	3851377.3	7.11E-04	7.29E-04	6.87E-04	2.46E-07	7.44E-07	4.30E-07	4.41E-07	4.00E-07	1.82E-07	1.72E-07	8.22E-09	1.99E-07	4.38E-08	5.99E-08	9.50E-08	1.67E-08	9.03E-08	5.12E-07
3698	487863.1	3851377.3	6.94E-04	7.10E-04	6.70E-04	2.40E-07	7.25E-07	4.20E-07	4.30E-07	3.90E-07	1.78E-07	1.68E-07	8.02E-09	1.94E-07	4.27E-08	5.84E-08	9.26E-08	1.63E-08	8.80E-08	5.00E-07
3699	488363.1	3851377.3	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
3700	488863.1	3851377.3	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
3701	489363.1	3851377.3	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
3702	489863.1	3851377.3	5.70E-04	5.83E-04	5.50E-04	1.97E-07	5.95E-07	3.45E-07	3.53E-07	3.20E-07	1.46E-07	1.38E-07	6.59E-09	1.59E-07	3.51E-08	4.79E-08	7.60E-08	1.34E-08	7.23E-08	4.10E-07
3703	490363.1	3851377.3	5.43E-04	5.56E-04	5.25E-04	1.88E-07	5.68E-07	3.29E-07	3.37E-07	3.05E-07	1.39E-07	1.31E-07	6.28E-09	1.52E-07	3.35E-08	4.57E-08	7.25E-08	1.28E-08	6.89E-08	3.91E-07
3704	490863.1	3851377.3	5.17E-04	5.29E-04	4.99E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.32E-07	1.25E-07	5.97E-09	1.44E-07	3.18E-08	4.35E-08	6.89E-08	1.22E-08	6.55E-08	3.72E-07
3705	491363.1	3851377.3	4.87E-04	4.99E-04	4.71E-04	1.69E-07	5.09E-07	2.95E-07	3.02E-07	2.74E-07	1.25E-07	1.18E-07	5.63E-09	1.36E-07	3.00E-08	4.10E-08	6.50E-08	1.15E-08	6.18E-08	3.51E-07
3706	491863.1	3851377.3	4.62E-04	4.73E-04	4.46E-04	1.60E-07	4.83E-07	2.80E-07	2.86E-07	2.60E-07	1.18E-07	1.12E-07	5.34E-09	1.29E-07	2.85E-08	3.89E-08	6.17E-08	1.09E-08	5.86E-08	3.33E-07
3707	492363.1	3851377.3	4.43E-04	4.53E-04	4.28E-04	1.53E-07	4.63E-07	2.68E-07	2.74E-07	2.49E-07	1.13E-07	1.07E-07	5.12E-09	1.24E-07	2.73E-08	3.73E-08	5.91E-08	1.04E-08	5.62E-08	3.19E-07
3708	492863.1	3851377.3	4.21E-04	4.31E-04	4.06E-04	1.46E-07	4.40E-07	2.55E-07	2.61E-07	2.36E-07	1.08E-07	1.02E-07	4.86E-09	1.17E-07	2.59E-08	3.54E-08	5.61E-08	9.89E-09	5.34E-08	3.03E-07
3709	493363.1	3851377.3	3.87E-04	3.96E-04	3.74E-04	1.34E-07	4.04E-07	2.34E-07	2.40E-07	2.17E-07	9.91E-08	9.35E-08	4.47E-09	1.08E-07	2.38E-08	3.25E-08	5.16E-08	9.10E-09	4.91E-08	2.79E-07
3710	493863.1	3851377.3	3.90E-04	3.99E-04	3.76E-04	1.35E-07	4.07E-07	2.36E-07	2.41E-07	2.19E-07	9.99E-08	9.42E-08	4.50E-09	1.09E-07	2.40E-08	3.28E-08	5.20E-08	9.17E-09	4.94E-08	2.81E-07
3711	494363.1	3851377.3	4.09E-04	4.19E-04	3.95E-04	1.42E-07	4.27E-07	2.47E-07	2.53E-07	2.30E-07	1.05E-07	9.88E-08	4.73E-09	1.14E-07	2.52E-08	3.44E-08	5.46E-08	9.62E-09	5.19E-08	2.95E-07
3712	494863.1	3851377.3	4.03E-04	4.13E-04	3.89E-04	1.39E-07	4.21E-07	2.44E-07	2.50E-07	2.26E-07	1.03E-07	9.74E-08	4.66E-09	1.13E-07	2.48E-08	3.39E-08	5.38E-08	9.48E-09	5.11E-08	2.90E-07
3713	495363.1	3851377.3	4.18E-04	4.28E-04	4.04E-04	1.45E-07	4.37E-07	2.53E-07	2.59E-07	2.35E-07	1.07E-07	1.01E-07	4.83E-09	1.17E-07	2.57E-08	3.51E-08	5.58E-08	9.83E-09	5.30E-08	3.01E-07
3714	495863.1	3851377.3	4.15E-04	4.25E-04	4.01E-04	1.44E-07	4.33E-07	2.51E-07	2.57E-07	2.33E-07	1.06E-07	1.00E-07	4.79E-09	1.16E-07	2.56E-08	3.49E-08	5.54E-08	9.76E-09	5.26E-08	2.99E-07
3715	496363.1	3851377.3	4.09E-04	4.19E-04	3.95E-04	1.42E-07	4.27E-07	2.47E-07	2.53E-07	2.30E-07	1.05E-07	9.88E-08	4.73E-09	1.14E-07	2.52E-08	3.44E-08	5.46E-08	9.62E-09	5.19E-08	2.95E-07
3716	496863.1	3851377.3	4.01E-04	4.11E-04	3.88E-04	1.39E-07	4.20E-07	2.43E-07	2.49E-07	2.26E-07	1.03E-07	9.71E-08	4.64E-09	1.12E-07	2.47E-08	3.38E-08	5.36E-08	9.44E-09	5.09E-08	2.89E-07
3717	497363.1	3851377.3	3.93E-04	4.02E-04	3.79E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	1.01E-07	9.49E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.24E-09	4.98E-08	2.83E-07
3718	497863.1	3851377.3	3.82E-04	3.92E-04	3.69E-04	1.32E-07	4.00E-07	2.31E-07	2.37E-07	2.15E-07	9.80E-08	9.24E-08	4.42E-09	1.07E-07	2.36E-08	3.22E-08	5.10E-08	8.99E-09	4.85E-08	2.75E-07
3719	498363.1	3851377.3	3.66E-04	3.75E-04	3.54E-04	1.27E-07	3.83E-07	2.21E-07	2.27E-07	2.06E-07	9.38E-08	8.85E-08	4.23E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.61E-09	4.64E-08	2.64E-07
3720	471363.1	3851877.3	2.79E-04	2.86E-04	2.69E-04	9.66E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	7.15E-08	6.74E-08	3.22E-09	7.79E-08	1.72E-08	2.35E-08	3.72E-08	6.56E-09	3.54E-08	2.01E-07
3721	471863.1	3851877.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
3722	472363.1	3851877.3	3.06E-04	3.13E-04	2.95E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.83E-08	7.39E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.19E-09	3.88E-08	2.20E-07
3723	472863.1	3851877.3	3.29E-04	3.37E-04	3.18E-04	1.14E-07	3.44E-07	1.99E-07	2.04E-07	1.85E-07	8.44E-08	7.96E-08	3.80E-09	9.19E-08	2.03E-08	2.77E-08	4.39E-08	7.74E-09	4.18E-08	2.37E-07
3724	473363.1	3851877.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
3725	473863.1	3851877.3	3.28E-04	3.36E-04	3.17E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.40E-08	7.92E-08	3.79E-09	9.15E-08	2.02E-08	2.76E-08	4.37E-08	7.71E-09	4.16E-08	2.36E-07
3726	474363.1	3851877.3	3.72E-04	3.81E-04	3.59E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.09E-07	9.53E-08	8.99E-08	4.30E-09	1.04E-07	2.29E-08	3.13E-08	4.96E-08	8.75E-09	4.72E-08	2.68E-07
3727	474863.1	3851877.3	4.24E-04	4.34E-04	4.09E-04	1.47E-07	4.43E-07	2.56E-07	2.63E-07	2.38E-07	1.09E-07	1.02E-07	4.90E-09	1.18E-07	2.61E-08	3.56E-08	5.65E-08	9.96E-09	5.38E-08	3.05E-07
3728	475363.1	3851877.3	4.63E-04	4.75E-04	4.48E-04	1.60E-07	4.84E-07	2.80E-07	2.87E-07	2.60E-07	1.19E-07	1.12E-07	5.36E-09	1.29E-07	2.86E-08	3.90E-08	6.19E-08	1.09E-08	5.88E-08	3.34E-07
3729	475863.1	3851877.3	5.05E-04	5.17E-04	4.88E-04	1.75E-07	5.28E-07	3.05E-07	3.13E-07	2.84E-07	1.29E-07	1.22E-07	5.83E-09	1.41E-07	3.11E-08	4.25E-08	6.74E-08	1.19E-08	6.41E-08	3.64E-07
3730	476363.1	3851877.3	5.27E-04	5.40E-04	5.09E-04	1.82E-07	5.51E-07	3.19E-07	3.27E-07	2.96E-07	1.35E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.43E-08	7.03E-08	1.24E-08	6.69E-08	3.80E-07
3731	476863.1	3851877.3	5.81E-04	5.96E-04	5.62E-04	2.01E-07	6.08E-07	3.52E-07	3.60E-07	3.27E-07	1.49E-07	1.41E-07	6.72E-09	1.62E-07	3.58E-08	4.89E-08	7.76E-08	1.37E-08	7.38E-08	4.19E-07
3732	477363.1	3851877.3	6.38E-04	6.53E-04	6.16E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.63E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.51E-08	1.50E-08	8.09E-08	4.59E-07
3733	477863.1	3851877.3	7.00E-04	7.17E-04	6.76E-04	2.42E-07	7.31E-07	4.23E-07	4.34E-07	3.93E-07	1.79E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.89E-08	9.34E-08	1.65E-08	8.88E-08	5.04E-07
3734	478363.1	3851877.3	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
3735	478863.1	3851877.3	8.74E-04	8.95E-04	8.44E-04	3.02E-07	9.13E-07	5.29E-07	5.41E-07	4.91E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.38E-08	7.35E-08	1.17E-07	2.06E-08	1.11E-07	6.29E-07
3736	479363.1	3851877.3	1.03E-03	1.06E-03	9.98E-04	3.58E-07	1.08E-06	6.25E-07	6.40E-07	5.80E-07	2.65E-07	2.50E-07	1.19E-08	2.88E-07	6.37E-08	8.69E-08	1.38E-07	2.43E-08	1.31E-07	7.44E-07
3737	479863.1	3851877.3	1.26E-03	1.29E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.79E-07	7.06E-07	3.22E-07	3.04E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.06E-07
3738	480363.1	3851877.3	1.64E-03	1.68E-03	1.58E-03	5.68E-07	1.71E-06	9.92E-07	1.02E-06	9.21E-07	4.20E-07	3.96E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.86E-08	2.08E-07	1.18E-06
3739	480863.1	3851877.3	2.56E-03	2.63E-03	2.48E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.57E-07	6.20E-07	2.96E-08	7.16E-07	1.58E-07	2.16E-07	3.42E-07	6.03E-08	3.25E-07	1.85E-06
3740	481363.1	3851877.3	1.15E-02	1.18E-02	1.11E-02	3.99E-06	1.20E-05	6.97E-06	7.14E-06	6.47E-06	2.95E-06	2.78E-06	1.33E-07	3.22E-06	7.09E-07	9.69E-07	1.54E-06	2.71E-07	1.46E-06	8.30E-06
3741	481863.1	3851877.3	7.96E-03	8.15E-03	7.69E-03	2.75E-06	8.32E-06	4.82E-06	4.93E-06	4.47E-06	2.04E-06	1.92E-06	9.20E-08	2.22E-06	4.90E-07	6.70E-07	1.06E-06	1.87E-07	1.01E-06	5.73E-06
3742	482363.1	3851877.3	3.16E-03	3.24E-03	3.05E-03	1.09E-06	3.30E-06	1.91E-06	1.96E-06	1.78E-06	8.10E-07	7.64E-07	3.65E-08	8.83E-07	1.95E-07	2.66E-07	4.22E-07	7.44E-08	4.01E-07	2.28E-06
3743	482863.1	3851877.3	1.95E-03	2.00E-03	1.89E-03	6.76E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.01E-07	4.72E-07	2.26E-08	5.45E-07	1.20E-07	1.64E-07	2.61E-07	4.59E-08	2.48E-07	1.41E-06
3744	483363.1	3851877.3	1.63E-03	1.67E-03	1.57E-03	5.63E-07	1.70E-06	9.84E-07	1.01E-06	9.14E-07	4.17E-07	3.93E-07	1.88E-08	4.54E-07	1.00E-07	1.37E-07	2.17E-07	3.83E-08	2.06E-07	1.17E-06
3745	483863.1	3851877.3	1.36E-03	1.40E-03	1.32E-03	4.72E-07	1.43E-06	8.25E-07	8.45E-07	7.66E-07	3.50E-07	3.30E-07	1.58E-08	3.81E-07	8.40E-08	1.15E-07	1.82E-07	3.21E-08	1.73E-07	9.82E-07

3746	484363.1	3851877.3	1.27E-03	1.30E-03	1.23E-03	4.39E-07	1.33E-06	7.68E-07	7.87E-07	7.13E-07	3.25E-07	3.07E-07	1.47E-08	3.54E-07	7.82E-08	1.07E-07	1.69E-07	2.99E-08	1.61E-07	9.14E-07
3747	484863.1	3851877.3	1.12E-03	1.14E-03	1.08E-03	3.87E-07	1.17E-06	6.76E-07	6.92E-07	6.28E-07	2.86E-07	2.70E-07	1.29E-08	3.12E-07	6.88E-08	9.40E-08	1.49E-07	2.63E-08	1.42E-07	8.05E-07
3748	485363.1	3851877.3	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.39E-08	8.73E-08	1.38E-07	2.44E-08	1.32E-07	7.47E-07
3749	485863.1	3851877.3	9.67E-04	9.90E-04	9.34E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.48E-07	2.34E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.27E-08	1.23E-07	6.96E-07
3750	486363.1	3851877.3	8.69E-04	8.90E-04	8.40E-04	3.01E-07	9.09E-07	5.26E-07	5.39E-07	4.88E-07	2.23E-07	2.10E-07	1.00E-08	2.43E-07	5.36E-08	7.31E-08	1.16E-07	2.04E-08	1.10E-07	6.26E-07
3751	486863.1	3851877.3	8.13E-04	8.33E-04	7.86E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.08E-07	1.97E-07	9.40E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.91E-08	1.03E-07	5.86E-07
3752	487363.1	3851877.3	7.63E-04	7.82E-04	7.37E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.96E-07	1.84E-07	8.82E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.79E-08	9.68E-08	5.50E-07
3753	487863.1	3851877.3	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
3754	488363.1	3851877.3	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
3755	488863.1	3851877.3	6.14E-04	6.29E-04	5.93E-04	2.13E-07	6.42E-07	3.71E-07	3.80E-07	3.45E-07	1.57E-07	1.48E-07	7.10E-09	1.71E-07	3.78E-08	5.17E-08	8.20E-08	1.44E-08	7.79E-08	4.42E-07
3756	489363.1	3851877.3	5.76E-04	5.90E-04	5.56E-04	1.99E-07	6.02E-07	3.48E-07	3.57E-07	3.23E-07	1.48E-07	1.39E-07	6.65E-09	1.61E-07	3.55E-08	4.84E-08	7.68E-08	1.35E-08	7.30E-08	4.15E-07
3757	489863.1	3851877.3	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
3758	490363.1	3851877.3	5.25E-04	5.38E-04	5.08E-04	1.82E-07	5.49E-07	3.18E-07	3.26E-07	2.95E-07	1.35E-07	1.27E-07	6.07E-09	1.47E-07	3.24E-08	4.42E-08	7.01E-08	1.24E-08	6.67E-08	3.79E-07
3759	490863.1	3851877.3	5.09E-04	5.22E-04	4.92E-04	1.76E-07	5.32E-07	3.08E-07	3.16E-07	2.86E-07	1.31E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.28E-08	6.80E-08	1.20E-08	6.46E-08	3.67E-07
3760	491363.1	3851877.3	4.97E-04	5.09E-04	4.81E-04	1.72E-07	5.20E-07	3.01E-07	3.08E-07	2.79E-07	1.27E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	4.18E-08	6.64E-08	1.17E-08	6.31E-08	3.58E-07
3761	491863.1	3851877.3	4.84E-04	4.96E-04	4.68E-04	1.68E-07	5.06E-07	2.93E-07	3.00E-07	2.72E-07	1.24E-07	1.17E-07	5.60E-09	1.35E-07	2.98E-08	4.07E-08	6.46E-08	1.14E-08	6.14E-08	3.49E-07
3762	492363.1	3851877.3	4.60E-04	4.72E-04	4.45E-04	1.59E-07	4.81E-07	2.79E-07	2.85E-07	2.59E-07	1.18E-07	1.11E-07	5.32E-09	1.29E-07	2.84E-08	3.87E-08	6.15E-08	1.08E-08	5.84E-08	3.32E-07
3763	492863.1	3851877.3	4.15E-04	4.25E-04	4.01E-04	1.44E-07	4.33E-07	2.51E-07	2.57E-07	2.33E-07	1.06E-07	1.00E-07	4.79E-09	1.16E-07	2.56E-08	3.49E-08	5.54E-08	9.76E-09	5.26E-08	2.99E-07
3764	493363.1	3851877.3	4.37E-04	4.47E-04	4.22E-04	1.51E-07	4.57E-07	2.64E-07	2.71E-07	2.45E-07	1.12E-07	1.06E-07	5.05E-09	1.22E-07	2.69E-08	3.68E-08	5.83E-08	1.03E-08	5.54E-08	3.15E-07
3765	493863.1	3851877.3	4.58E-04	4.69E-04	4.42E-04	1.58E-07	4.78E-07	2.77E-07	2.84E-07	2.57E-07	1.17E-07	1.11E-07	5.29E-09	1.28E-07	2.82E-08	3.85E-08	6.11E-08	1.08E-08	5.81E-08	3.30E-07
3766	494363.1	3851877.3	4.38E-04	4.49E-04	4.23E-04	1.52E-07	4.58E-07	2.65E-07	2.72E-07	2.46E-07	1.12E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.69E-08	5.85E-08	1.03E-08	5.56E-08	3.16E-07
3767	494863.1	3851877.3	4.44E-04	4.55E-04	4.29E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.50E-07	1.14E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.74E-08	5.93E-08	1.05E-08	5.64E-08	3.20E-07
3768	495363.1	3851877.3	4.44E-04	4.55E-04	4.29E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.50E-07	1.14E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.74E-08	5.93E-08	1.05E-08	5.64E-08	3.20E-07
3769	495863.1	3851877.3	4.38E-04	4.49E-04	4.23E-04	1.52E-07	4.58E-07	2.65E-07	2.72E-07	2.46E-07	1.12E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.69E-08	5.85E-08	1.03E-08	5.56E-08	3.16E-07
3770	496363.1	3851877.3	4.28E-04	4.38E-04	4.13E-04	1.48E-07	4.47E-07	2.59E-07	2.65E-07	2.40E-07	1.10E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.60E-08	5.71E-08	1.01E-08	5.43E-08	3.08E-07
3771	496863.1	3851877.3	4.16E-04	4.26E-04	4.02E-04	1.44E-07	4.35E-07	2.52E-07	2.58E-07	2.34E-07	1.07E-07	1.01E-07	4.81E-09	1.16E-07	2.56E-08	3.50E-08	5.56E-08	9.79E-09	5.28E-08	3.00E-07
3772	497363.1	3851877.3	4.04E-04	4.14E-04	3.91E-04	1.40E-07	4.23E-07	2.45E-07	2.51E-07	2.27E-07	1.04E-07	9.78E-08	4.67E-09	1.13E-07	2.49E-08	3.40E-08	5.40E-08	9.51E-09	5.13E-08	2.91E-07
3773	497863.1	3851877.3	3.85E-04	3.95E-04	3.72E-04	1.33E-07	4.03E-07	2.33E-07	2.39E-07	2.16E-07	9.87E-08	9.31E-08	4.45E-09	1.08E-07	2.37E-08	3.24E-08	5.14E-08	9.06E-09	4.89E-08	2.78E-07
3774	498363.1	3851877.3	3.69E-04	3.78E-04	3.56E-04	1.28E-07	3.86E-07	2.23E-07	2.29E-07	2.07E-07	9.46E-08	8.92E-08	4.27E-09	1.03E-07	2.27E-08	3.10E-08	4.92E-08	8.68E-09	4.68E-08	2.66E-07
3775	471363.1	3852377.3	2.45E-04	2.51E-04	2.37E-04	8.48E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.28E-08	5.92E-08	2.83E-09	6.84E-08	1.51E-08	2.06E-08	3.27E-08	5.76E-09	3.11E-08	1.77E-07
3776	471863.1	3852377.3	2.66E-04	2.72E-04	2.57E-04	9.20E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.81E-08	6.42E-08	3.07E-09	7.42E-08	1.64E-08	2.24E-08	3.55E-08	6.25E-09	3.37E-08	1.91E-07
3777	472363.1	3852377.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
3778	472863.1	3852377.3	2.97E-04	3.04E-04	2.87E-04	1.03E-07	3.10E-07	1.79E-07	1.84E-07	1.67E-07	7.60E-08	7.17E-08	3.43E-09	8.28E-08	1.83E-08	2.50E-08	3.96E-08	6.98E-09	3.76E-08	2.14E-07
3779	473363.1	3852377.3	3.08E-04	3.16E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.91E-08	7.46E-08	3.57E-09	8.61E-08	1.90E-08	2.60E-08	4.12E-08	7.26E-09	3.91E-08	2.22E-07
3780	473863.1	3852377.3	3.14E-04	3.22E-04	3.04E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	8.06E-08	7.60E-08	3.63E-09	8.78E-08	1.94E-08	2.65E-08	4.20E-08	7.40E-09	3.99E-08	2.26E-07
3781	474363.1	3852377.3	3.22E-04	3.30E-04	3.11E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.81E-07	8.25E-08	7.78E-08	3.72E-09	8.98E-08	1.98E-08	2.71E-08	4.29E-08	7.57E-09	4.08E-08	2.32E-07
3782	474863.1	3852377.3	3.81E-04	3.90E-04	3.68E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.14E-07	9.76E-08	9.21E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.08E-08	8.96E-09	4.83E-08	2.74E-07
3783	475363.1	3852377.3	3.96E-04	4.05E-04	3.82E-04	1.37E-07	4.13E-07	2.39E-07	2.45E-07	2.22E-07	1.01E-07	9.56E-08	4.57E-09	1.10E-07	2.44E-08	3.33E-08	5.28E-08	9.30E-09	5.02E-08	2.85E-07
3784	475863.1	3852377.3	4.12E-04	4.22E-04	3.98E-04	1.43E-07	4.30E-07	2.49E-07	2.55E-07	2.31E-07	1.06E-07	9.96E-08	4.76E-09	1.15E-07	2.54E-08	3.46E-08	5.50E-08	9.69E-09	5.23E-08	2.97E-07
3785	476363.1	3852377.3	4.25E-04	4.35E-04	4.11E-04	1.47E-07	4.44E-07	2.57E-07	2.63E-07	2.39E-07	1.09E-07	1.03E-07	4.91E-09	1.19E-07	2.62E-08	3.58E-08	5.67E-08	1.00E-08	5.39E-08	3.06E-07
3786	476863.1	3852377.3	4.63E-04	4.75E-04	4.48E-04	1.60E-07	4.84E-07	2.80E-07	2.87E-07	2.60E-07	1.19E-07	1.12E-07	5.36E-09	1.29E-07	2.86E-08	3.90E-08	6.19E-08	1.09E-08	5.88E-08	3.34E-07
3787	477363.1	3852377.3	4.86E-04	4.97E-04	4.69E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.24E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	4.09E-08	6.48E-08	1.14E-08	6.16E-08	3.50E-07
3788	477863.1	3852377.3	4.58E-04	4.69E-04	4.42E-04	1.58E-07	4.78E-07	2.77E-07	2.84E-07	2.57E-07	1.17E-07	1.11E-07	5.29E-09	1.28E-07	2.82E-08	3.85E-08	6.11E-08	1.08E-08	5.81E-08	3.30E-07
3789	478363.1	3852377.3	4.52E-04	4.63E-04	4.36E-04	1.56E-07	4.72E-07	2.73E-07	2.80E-07	2.54E-07	1.16E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.80E-08	6.03E-08	1.06E-08	5.73E-08	3.25E-07
3790	478863.1	3852377.3	5.53E-04	5.67E-04	5.35E-04	1.92E-07	5.78E-07	3.35E-07	3.43E-07	3.11E-07	1.42E-07	1.34E-07	6.40E-09	1.55E-07	3.41E-08	4.66E-08	7.39E-08	1.30E-08	7.02E-08	3.99E-07
3791	479363.1	3852377.3	6.42E-04	6.58E-04	6.20E-04	2.22E-07	6.71E-07	3.88E-07	3.98E-07	3.61E-07	1.65E-07	1.55E-07	7.42E-09	1.79E-07	3.96E-08	5.40E-08	8.57E-08	1.51E-08	8.15E-08	4.63E-07
3792	479863.1	3852377.3	8.47E-04	8.68E-04	8.18E-04	2.93E-07	8.85E-07	5.13E-07	5.25E-07	4.76E-07	2.17E-07	2.05E-07	9.79E-09	2.37E-07	5.22E-08	7.13E-08	1.13E-07	1.99E-08	1.08E-07	6.10E-07
3793	480363.1	3852377.3	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.65E-07	6.81E-07	6.18E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.77E-08	9.25E-08	1.47E-07	2.59E-08	1.40E-07	7.92E-07
3794	480863.1	3852377.3	1.43E-03	1.46E-03	1.38E-03	4.95E-07	1.49E-06	8.65E-07	8.86E-07	8.03E-07	3.67E-07	3.46E-07	1.65E-08	3.99E-07	8.81E-08	1.20E-07	1.91E-07	3.36E-08	1.81E-07	1.03E-06
3795	481363.1	3852377.3	2.33E-03	2.39E-03	2.25E-03	8.08E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.98E-07	5.64E-07	2.70E-08	6.52E-07	1.44E-07	1.96E-07	3.11E-07	5.49E-08	2.96E-07	1.68E-06
3796	481863.1	3852377.3	1.33E-02	1.36E-02	1.28E-02	4.60E-06	1.39E-05	8.05E-06	8.24E-06	7.47E-06	3.41E-06	3.21E-06	1.54E-07	3.71E-06	8.19E-07	1.12E-06	1.77E-06	3.13E-07	1.69E-06	9.58E-06
3797	482363.1	3852377.3	7.41E-03	7.59E-03	7.16E-03	2.57E-06	7.75E-06	4.49E-06	4.60E-06	4.17E-06	1.90E-06	1.79E-06	8.57E-08	2.07E-06	4.57E-07	6.24E-07	9.90E-07	1.74E-07	9.41E-07	5.34E-06
3798	482863.1	3852377.3	3.14E-03	3.22E-03	3.03E-03	1.09E-06	3.28E-06	1.90E-06	1.95E-06	1.76E-06	8.05E-07	7.59E-07	3.63E-08	8.77E-07	1.93E-07	2.64E-07	4.19E-07	7.38E-08	3.98E-07	2.26E-06
3799	483363.1	3852377.3	1.93E-03	1.97E-03	1.86E-03	6.67E-07	2.01E-06	1.17E-06	1.19E-06	1.08E-06	4.94E-07	4.66E-07	2.23E-08	5.38E-07	1.19E-07	1.62E-07	2.57E-07	4.53E-08	2.44E-07	1.39E-06
3800	483863.1	3852377.3	1.48E-03	1.52E-03	1.43E-03	5.13E-07	1.55E-06	8.97E-07	9.19E-07	8.33E-07	3.80E-07	3.59E-07	1.71E-08	4.14E-07	9.14E-08	1.25E-07	1.98E-07	3.49E-08	1.88E-07	1.07E-06
3801	484363.1	3852377.3	1.36E-03	1.39E-03	1.31E-03	4.70E-07	1.42E-06	8.21E-07	8.41E-07	7.62E-07	3.48E-07	3.28E-07	1.57E-08	3.79E-07	8.36E-08	1.14E-07	1.81E-07	3.19E-08	1.72E-07	9.77E-07

3802	484863.1	3852377.3	1.24E-03	1.27E-03	1.20E-03	4.29E-07	1.30E-06	7.50E-07	7.68E-07	6.96E-07	3.18E-07	3.00E-07	1.43E-08	3.46E-07	7.64E-08	1.04E-07	1.65E-07	2.92E-08	1.57E-07	8.93E-07
3803	485363.1	3852377.3	1.14E-03	1.17E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.92E-07	2.76E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.68E-08	1.45E-07	8.22E-07
3804	485863.1	3852377.3	1.01E-03	1.03E-03	9.75E-04	3.49E-07	1.06E-06	6.11E-07	6.26E-07	5.67E-07	2.59E-07	2.44E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.37E-08	1.28E-07	7.27E-07
3805	486363.1	3852377.3	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
3806	486863.1	3852377.3	8.13E-04	8.33E-04	7.86E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.08E-07	1.97E-07	9.40E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.91E-08	1.03E-07	5.86E-07
3807	487363.1	3852377.3	7.42E-04	7.60E-04	7.17E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.90E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	6.25E-08	9.91E-08	1.75E-08	9.42E-08	5.35E-07
3808	487863.1	3852377.3	6.80E-04	6.97E-04	6.57E-04	2.36E-07	7.11E-07	4.12E-07	4.22E-07	3.82E-07	1.74E-07	1.65E-07	7.86E-09	1.90E-07	4.19E-08	5.72E-08	9.08E-08	1.60E-08	8.63E-08	4.90E-07
3809	488363.1	3852377.3	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
3810	488863.1	3852377.3	5.79E-04	5.93E-04	5.59E-04	2.00E-07	6.05E-07	3.50E-07	3.59E-07	3.25E-07	1.48E-07	1.40E-07	6.69E-09	1.62E-07	3.56E-08	4.87E-08	7.72E-08	1.36E-08	7.34E-08	4.17E-07
3811	489363.1	3852377.3	5.42E-04	5.55E-04	5.23E-04	1.87E-07	5.66E-07	3.28E-07	3.36E-07	3.04E-07	1.39E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.56E-08	7.23E-08	1.27E-08	6.87E-08	3.90E-07
3812	489863.1	3852377.3	5.00E-04	5.12E-04	4.83E-04	1.73E-07	5.23E-07	3.03E-07	3.10E-07	2.81E-07	1.28E-07	1.21E-07	5.78E-09	1.40E-07	3.08E-08	4.21E-08	6.68E-08	1.18E-08	6.35E-08	3.60E-07
3813	490363.1	3852377.3	5.05E-04	5.17E-04	4.88E-04	1.75E-07	5.28E-07	3.05E-07	3.13E-07	2.84E-07	1.29E-07	1.22E-07	5.83E-09	1.41E-07	3.11E-08	4.25E-08	6.74E-08	1.19E-08	6.41E-08	3.64E-07
3814	490863.1	3852377.3	5.02E-04	5.14E-04	4.85E-04	1.74E-07	5.24E-07	3.04E-07	3.11E-07	2.82E-07	1.29E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.22E-08	6.70E-08	1.18E-08	6.37E-08	3.62E-07
3815	491363.1	3852377.3	5.20E-04	5.32E-04	5.02E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.33E-07	1.26E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.22E-08	6.59E-08	3.74E-07
3816	491863.1	3852377.3	5.08E-04	5.20E-04	4.90E-04	1.76E-07	5.31E-07	3.07E-07	3.15E-07	2.85E-07	1.30E-07	1.23E-07	5.87E-09	1.42E-07	3.13E-08	4.27E-08	6.78E-08	1.19E-08	6.44E-08	3.66E-07
3817	492363.1	3852377.3	4.94E-04	5.06E-04	4.78E-04	1.71E-07	5.17E-07	2.99E-07	3.06E-07	2.78E-07	1.27E-07	1.20E-07	5.72E-09	1.38E-07	3.05E-08	4.16E-08	6.60E-08	1.16E-08	6.27E-08	3.56E-07
3818	492863.1	3852377.3	4.91E-04	5.03E-04	4.75E-04	1.70E-07	5.14E-07	2.97E-07	3.05E-07	2.76E-07	1.26E-07	1.19E-07	5.68E-09	1.37E-07	3.03E-08	4.14E-08	6.56E-08	1.16E-08	6.24E-08	3.54E-07
3819	493363.1	3852377.3	4.99E-04	5.11E-04	4.82E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.28E-07	1.21E-07	5.77E-09	1.39E-07	3.07E-08	4.20E-08	6.66E-08	1.17E-08	6.33E-08	3.59E-07
3820	493863.1	3852377.3	4.84E-04	4.96E-04	4.68E-04	1.68E-07	5.06E-07	2.93E-07	3.00E-07	2.72E-07	1.24E-07	1.17E-07	5.60E-09	1.35E-07	2.98E-08	4.07E-08	6.46E-08	1.14E-08	6.14E-08	3.49E-07
3821	494363.1	3852377.3	4.71E-04	4.82E-04	4.55E-04	1.63E-07	4.92E-07	2.85E-07	2.92E-07	2.64E-07	1.21E-07	1.14E-07	5.44E-09	1.31E-07	2.90E-08	3.96E-08	6.28E-08	1.11E-08	5.97E-08	3.39E-07
3822	494863.1	3852377.3	4.71E-04	4.82E-04	4.55E-04	1.63E-07	4.92E-07	2.85E-07	2.92E-07	2.64E-07	1.21E-07	1.14E-07	5.44E-09	1.31E-07	2.90E-08	3.96E-08	6.28E-08	1.11E-08	5.97E-08	3.39E-07
3823	495363.1	3852377.3	4.69E-04	4.81E-04	4.53E-04	1.62E-07	4.91E-07	2.84E-07	2.91E-07	2.64E-07	1.20E-07	1.13E-07	5.43E-09	1.31E-07	2.89E-08	3.95E-08	6.26E-08	1.10E-08	5.96E-08	3.38E-07
3824	495863.1	3852377.3	4.55E-04	4.66E-04	4.39E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.55E-07	1.17E-07	1.10E-07	5.25E-09	1.27E-07	2.80E-08	3.82E-08	6.07E-08	1.07E-08	5.77E-08	3.27E-07
3825	496363.1	3852377.3	4.38E-04	4.49E-04	4.23E-04	1.52E-07	4.58E-07	2.65E-07	2.72E-07	2.46E-07	1.12E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.69E-08	5.85E-08	1.03E-08	5.56E-08	3.16E-07
3826	496863.1	3852377.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
3827	497363.1	3852377.3	4.06E-04	4.16E-04	3.92E-04	1.40E-07	4.24E-07	2.46E-07	2.52E-07	2.28E-07	1.04E-07	9.81E-08	4.69E-09	1.13E-07	2.50E-08	3.41E-08	5.42E-08	9.55E-09	5.15E-08	2.92E-07
3828	497863.1	3852377.3	3.82E-04	3.92E-04	3.69E-04	1.32E-07	4.00E-07	2.31E-07	2.37E-07	2.15E-07	9.80E-08	9.24E-08	4.42E-09	1.07E-07	2.36E-08	3.22E-08	5.10E-08	8.99E-09	4.85E-08	2.75E-07
3829	498363.1	3852377.3	3.63E-04	3.72E-04	3.51E-04	1.26E-07	3.79E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.78E-08	4.20E-09	1.01E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.61E-08	2.62E-07
3830	471363.1	3852877.3	2.38E-04	2.43E-04	2.30E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.09E-08	5.75E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.59E-09	3.02E-08	1.71E-07
3831	471863.1	3852877.3	2.52E-04	2.58E-04	2.44E-04	8.74E-08	2.64E-07	1.53E-07	1.56E-07	1.42E-07	6.47E-08	6.10E-08	2.92E-09	7.05E-08	1.55E-08	2.12E-08	3.37E-08	5.94E-09	3.20E-08	1.82E-07
3832	472363.1	3852877.3	2.66E-04	2.72E-04	2.57E-04	9.20E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.81E-08	6.42E-08	3.07E-09	7.42E-08	1.64E-08	2.24E-08	3.55E-08	6.25E-09	3.37E-08	1.91E-07
3833	472863.1	3852877.3	2.77E-04	2.84E-04	2.68E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	7.11E-08	6.71E-08	3.21E-09	7.75E-08	1.71E-08	2.33E-08	3.70E-08	6.53E-09	3.52E-08	2.00E-07
3834	473363.1	3852877.3	2.92E-04	2.99E-04	2.82E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.49E-08	7.07E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.87E-09	3.71E-08	2.11E-07
3835	473863.1	3852877.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
3836	474363.1	3852877.3	3.29E-04	3.37E-04	3.18E-04	1.14E-07	3.44E-07	1.99E-07	2.04E-07	1.85E-07	8.44E-08	7.96E-08	3.80E-09	9.19E-08	2.03E-08	2.77E-08	4.39E-08	7.74E-09	4.18E-08	2.37E-07
3837	474863.1	3852877.3	3.23E-04	3.31E-04	3.12E-04	1.12E-07	3.38E-07	1.96E-07	2.00E-07	1.82E-07	8.29E-08	7.82E-08	3.74E-09	9.02E-08	1.99E-08	2.72E-08	4.31E-08	7.60E-09	4.10E-08	2.33E-07
3838	475363.1	3852877.3	3.47E-04	3.55E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.89E-08	8.39E-08	4.01E-09	9.68E-08	2.14E-08	2.92E-08	4.63E-08	8.16E-09	4.40E-08	2.50E-07
3839	475863.1	3852877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
3840	476363.1	3852877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
3841	476863.1	3852877.3	3.50E-04	3.58E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.97E-08	8.46E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.44E-08	2.52E-07
3842	477363.1	3852877.3	3.48E-04	3.57E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.16E-07	1.96E-07	8.93E-08	8.42E-08	4.03E-09	9.73E-08	2.15E-08	2.93E-08	4.65E-08	8.19E-09	4.42E-08	2.51E-07
3843	477863.1	3852877.3	3.41E-04	3.49E-04	3.29E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.92E-07	8.74E-08	8.24E-08	3.94E-09	9.52E-08	2.10E-08	2.87E-08	4.55E-08	8.02E-09	4.33E-08	2.46E-07
3844	478363.1	3852877.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
3845	478863.1	3852877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
3846	479363.1	3852877.3	4.35E-04	4.46E-04	4.21E-04	1.51E-07	4.55E-07	2.63E-07	2.70E-07	2.45E-07	1.12E-07	1.05E-07	5.03E-09	1.22E-07	2.68E-08	3.66E-08	5.81E-08	1.02E-08	5.52E-08	3.14E-07
3847	479863.1	3852877.3	5.98E-04	6.12E-04	5.77E-04	2.07E-07	6.25E-07	3.62E-07	3.70E-07	3.36E-07	1.53E-07	1.45E-07	6.91E-09	1.67E-07	3.68E-08	5.03E-08	7.98E-08	1.41E-08	7.58E-08	4.31E-07
3848	480363.1	3852877.3	8.26E-04	8.47E-04	7.98E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.12E-07	2.00E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.94E-08	1.05E-07	5.95E-07
3849	480863.1	3852877.3	1.03E-03	1.05E-03	9.92E-04	3.56E-07	1.07E-06	6.22E-07	6.37E-07	5.77E-07	2.63E-07	2.48E-07	1.19E-08	2.87E-07	6.33E-08	8.64E-08	1.37E-07	2.42E-08	1.30E-07	7.40E-07
3850	481363.1	3852877.3	1.39E-03	1.43E-03	1.35E-03	4.82E-07	1.46E-06	8.43E-07	8.63E-07	7.83E-07	3.57E-07	3.37E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.28E-08	1.77E-07	1.00E-06
3851	481863.1	3852877.3	2.34E-03	2.39E-03	2.26E-03	8.09E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.99E-07	5.65E-07	2.70E-08	6.53E-07	1.44E-07	1.97E-07	3.12E-07	5.50E-08	2.97E-07	1.68E-06
3852	482363.1	3852877.3	1.60E-02	1.64E-02	1.55E-02	5.55E-06	1.67E-05	9.70E-06	9.93E-06	9.00E-06	4.11E-06	3.87E-06	1.85E-07	4.47E-06	9.87E-07	1.35E-06	2.14E-06	3.77E-07	2.03E-06	1.15E-05
3853	482863.1	3852877.3	6.88E-03	7.04E-03	6.64E-03	2.38E-06	7.19E-06	4.16E-06	4.26E-06	3.86E-06	1.76E-06	1.66E-06	7.95E-08	1.92E-06	4.24E-07	5.79E-07	9.18E-07	1.62E-07	8.73E-07	4.95E-06
3854	483363.1	3852877.3	2.88E-03	2.95E-03	2.78E-03	9.96E-07	3.01E-06	1.74E-06	1.78E-06	1.62E-06	7.37E-07	6.96E-07	3.33E-08	8.03E-07	1.77E-07	2.42E-07	3.84E-07	6.77E-08	3.65E-07	2.07E-06
3855	483863.1	3852877.3	1.66E-03	1.70E-03	1.61E-03	5.75E-07	1.74E-06	1.01E-06	1.03E-06	9.34E-07	4.26E-07	4.02E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.91E-08	2.11E-07	1.20E-06
3856	484363.1	3852877.3	1.49E-03	1.52E-03	1.44E-03	5.15E-07	1.55E-06	9.00E-07	9.22E-07	8.36E-07	3.81E-07	3.60E-07	1.72E-08	4.15E-07	9.17E-08	1.25E-07	1.99E-07	3.50E-08	1.89E-07	1.07E-06
3857	484863.1	3852877.3	1.34E-03	1.37E-03	1.29E-03	4.62E-07	1.40E-06	8.08E-07	8.28E-07	7.50E-07	3.42E-07	3.23E-07	1.54E-08	3.73E-07	8.23E-08	1.12E-07	1.78E-07	3.14E-08	1.69E-07	9.62E-07

3858	485363.1	3852877.3	1.05E-03	1.08E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.53E-07	5.92E-07	2.70E-07	2.55E-07	1.22E-08	2.94E-07	6.49E-08	8.87E-08	1.41E-07	2.48E-08	1.34E-07	7.59E-07
3859	485863.1	3852877.3	9.22E-04	9.45E-04	8.91E-04	3.19E-07	9.64E-07	5.58E-07	5.72E-07	5.18E-07	2.36E-07	2.23E-07	1.07E-08	2.58E-07	5.68E-08	7.76E-08	1.23E-07	2.17E-08	1.17E-07	6.65E-07
3860	486363.1	3852877.3	8.19E-04	8.39E-04	7.91E-04	2.84E-07	8.56E-07	4.96E-07	5.08E-07	4.60E-07	2.10E-07	1.98E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.93E-08	1.04E-07	5.90E-07
3861	486863.1	3852877.3	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
3862	487363.1	3852877.3	6.92E-04	7.09E-04	6.69E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.77E-07	1.67E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.24E-08	1.63E-08	8.78E-08	4.99E-07
3863	487863.1	3852877.3	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
3864	488363.1	3852877.3	5.39E-04	5.52E-04	5.20E-04	1.86E-07	5.63E-07	3.26E-07	3.34E-07	3.03E-07	1.38E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.53E-08	7.19E-08	1.27E-08	6.84E-08	3.88E-07
3865	488863.1	3852877.3	5.36E-04	5.49E-04	5.18E-04	1.85E-07	5.60E-07	3.24E-07	3.32E-07	3.01E-07	1.37E-07	1.30E-07	6.19E-09	1.50E-07	3.30E-08	4.51E-08	7.15E-08	1.26E-08	6.80E-08	3.86E-07
3866	489363.1	3852877.3	5.21E-04	5.34E-04	5.03E-04	1.80E-07	5.45E-07	3.15E-07	3.23E-07	2.93E-07	1.34E-07	1.26E-07	6.02E-09	1.45E-07	3.21E-08	4.38E-08	6.95E-08	1.23E-08	6.61E-08	3.75E-07
3867	489863.1	3852877.3	5.06E-04	5.18E-04	4.89E-04	1.75E-07	5.29E-07	3.06E-07	3.14E-07	2.84E-07	1.30E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.26E-08	6.76E-08	1.19E-08	6.42E-08	3.65E-07
3868	490363.1	3852877.3	5.45E-04	5.58E-04	5.26E-04	1.89E-07	5.69E-07	3.30E-07	3.38E-07	3.06E-07	1.40E-07	1.32E-07	6.30E-09	1.52E-07	3.36E-08	4.58E-08	7.27E-08	1.28E-08	6.91E-08	3.92E-07
3869	490863.1	3852877.3	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
3870	491363.1	3852877.3	5.46E-04	5.59E-04	5.28E-04	1.89E-07	5.71E-07	3.30E-07	3.38E-07	3.07E-07	1.40E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.59E-08	7.29E-08	1.28E-08	6.93E-08	3.93E-07
3871	491863.1	3852877.3	5.37E-04	5.50E-04	5.19E-04	1.86E-07	5.62E-07	3.25E-07	3.33E-07	3.02E-07	1.38E-07	1.30E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.17E-08	1.26E-08	6.82E-08	3.87E-07
3872	492363.1	3852877.3	5.30E-04	5.43E-04	5.12E-04	1.83E-07	5.54E-07	3.21E-07	3.28E-07	2.98E-07	1.36E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.46E-08	7.07E-08	1.25E-08	6.72E-08	3.82E-07
3873	492863.1	3852877.3	5.31E-04	5.44E-04	5.13E-04	1.84E-07	5.55E-07	3.21E-07	3.29E-07	2.98E-07	1.36E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.47E-08	7.09E-08	1.25E-08	6.74E-08	3.83E-07
3874	493363.1	3852877.3	5.28E-04	5.41E-04	5.10E-04	1.83E-07	5.52E-07	3.20E-07	3.27E-07	2.97E-07	1.35E-07	1.28E-07	6.11E-09	1.48E-07	3.26E-08	4.45E-08	7.05E-08	1.24E-08	6.70E-08	3.81E-07
3875	493863.1	3852877.3	5.14E-04	5.26E-04	4.96E-04	1.78E-07	5.37E-07	3.11E-07	3.18E-07	2.89E-07	1.32E-07	1.24E-07	5.94E-09	1.43E-07	3.16E-08	4.32E-08	6.86E-08	1.21E-08	6.52E-08	3.70E-07
3876	494363.1	3852877.3	5.02E-04	5.14E-04	4.85E-04	1.74E-07	5.24E-07	3.04E-07	3.11E-07	2.82E-07	1.29E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.22E-08	6.70E-08	1.18E-08	6.37E-08	3.62E-07
3877	494863.1	3852877.3	4.94E-04	5.06E-04	4.78E-04	1.71E-07	5.17E-07	2.99E-07	3.06E-07	2.78E-07	1.27E-07	1.20E-07	5.72E-09	1.38E-07	3.05E-08	4.16E-08	6.60E-08	1.16E-08	6.27E-08	3.56E-07
3878	495363.1	3852877.3	4.75E-04	4.87E-04	4.59E-04	1.65E-07	4.97E-07	2.88E-07	2.95E-07	2.67E-07	1.22E-07	1.15E-07	5.49E-09	1.33E-07	2.93E-08	4.00E-08	6.34E-08	1.12E-08	6.03E-08	3.42E-07
3879	495863.1	3852877.3	4.58E-04	4.69E-04	4.42E-04	1.58E-07	4.78E-07	2.77E-07	2.84E-07	2.57E-07	1.17E-07	1.11E-07	5.29E-09	1.28E-07	2.82E-08	3.85E-08	6.11E-08	1.08E-08	5.81E-08	3.30E-07
3880	496363.1	3852877.3	4.49E-04	4.60E-04	4.33E-04	1.55E-07	4.69E-07	2.71E-07	2.78E-07	2.52E-07	1.15E-07	1.08E-07	5.19E-09	1.25E-07	2.76E-08	3.78E-08	5.99E-08	1.06E-08	5.69E-08	3.23E-07
3881	496863.1	3852877.3	4.34E-04	4.44E-04	4.19E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.11E-07	1.05E-07	5.02E-09	1.21E-07	2.67E-08	3.65E-08	5.79E-08	1.02E-08	5.51E-08	3.13E-07
3882	497363.1	3852877.3	4.04E-04	4.14E-04	3.91E-04	1.40E-07	4.23E-07	2.45E-07	2.51E-07	2.27E-07	1.04E-07	9.78E-08	4.67E-09	1.13E-07	2.49E-08	3.40E-08	5.40E-08	9.51E-09	5.13E-08	2.91E-07
3883	497863.1	3852877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
3884	498363.1	3852877.3	3.48E-04	3.57E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.16E-07	1.96E-07	8.93E-08	8.42E-08	4.03E-09	9.73E-08	2.15E-08	2.93E-08	4.65E-08	8.19E-09	4.42E-08	2.51E-07
3885	471363.1	3853377.3	2.30E-04	2.36E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.57E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.92E-08	1.66E-07
3886	471863.1	3853377.3	2.41E-04	2.46E-04	2.32E-04	8.33E-08	2.51E-07	1.46E-07	1.49E-07	1.35E-07	6.17E-08	5.82E-08	2.78E-09	6.72E-08	1.48E-08	2.02E-08	3.21E-08	5.66E-09	3.05E-08	1.73E-07
3887	472363.1	3853377.3	2.51E-04	2.57E-04	2.42E-04	8.69E-08	2.62E-07	1.52E-07	1.55E-07	1.41E-07	6.43E-08	6.07E-08	2.90E-09	7.01E-08	1.55E-08	2.11E-08	3.35E-08	5.90E-09	3.18E-08	1.81E-07
3888	472863.1	3853377.3	2.63E-04	2.69E-04	2.54E-04	9.09E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.35E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.33E-08	1.89E-07
3889	473363.1	3853377.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
3890	473863.1	3853377.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
3891	474363.1	3853377.3	2.92E-04	2.99E-04	2.82E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.49E-08	7.07E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.87E-09	3.71E-08	2.11E-07
3892	474863.1	3853377.3	2.92E-04	2.99E-04	2.82E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.49E-08	7.07E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.87E-09	3.71E-08	2.11E-07
3893	475363.1	3853377.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
3894	475863.1	3853377.3	3.08E-04	3.16E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.91E-08	7.46E-08	3.57E-09	8.61E-08	1.90E-08	2.60E-08	4.12E-08	7.26E-09	3.91E-08	2.22E-07
3895	476363.1	3853377.3	3.06E-04	3.13E-04	2.95E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.83E-08	7.39E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.19E-09	3.88E-08	2.20E-07
3896	476863.1	3853377.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
3897	477363.1	3853377.3	3.01E-04	3.08E-04	2.91E-04	1.04E-07	3.15E-07	1.82E-07	1.87E-07	1.69E-07	7.72E-08	7.28E-08	3.48E-09	8.41E-08	1.86E-08	2.53E-08	4.02E-08	7.08E-09	3.82E-08	2.17E-07
3898	477863.1	3853377.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
3899	478363.1	3853377.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
3900	478863.1	3853377.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
3901	479363.1	3853377.3	3.57E-04	3.66E-04	3.45E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.01E-07	9.16E-08	8.64E-08	4.13E-09	9.97E-08	2.20E-08	3.01E-08	4.77E-08	8.40E-09	4.53E-08	2.57E-07
3902	479863.1	3853377.3	4.46E-04	4.57E-04	4.31E-04	1.54E-07	4.66E-07	2.70E-07	2.76E-07	2.50E-07	1.14E-07	1.08E-07	5.15E-09	1.24E-07	2.75E-08	3.75E-08	5.95E-08	1.05E-08	5.66E-08	3.21E-07
3903	480363.1	3853377.3	6.14E-04	6.29E-04	5.93E-04	2.13E-07	6.42E-07	3.71E-07	3.80E-07	3.45E-07	1.57E-07	1.48E-07	7.10E-09	1.71E-07	3.78E-08	5.17E-08	8.20E-08	1.44E-08	7.79E-08	4.42E-07
3904	480863.1	3853377.3	6.51E-04	6.67E-04	6.29E-04	2.25E-07	6.80E-07	3.94E-07	4.03E-07	3.66E-07	1.67E-07	1.57E-07	7.52E-09	1.82E-07	4.01E-08	5.48E-08	8.69E-08	1.53E-08	8.26E-08	4.69E-07
3905	481363.1	3853377.3	9.48E-04	9.70E-04	9.15E-04	3.28E-07	9.90E-07	5.73E-07	5.87E-07	5.32E-07	2.43E-07	2.29E-07	1.10E-08	2.65E-07	5.84E-08	7.97E-08	1.26E-07	2.23E-08	1.20E-07	6.83E-07
3906	481863.1	3853377.3	1.49E-03	1.53E-03	1.44E-03	5.15E-07	1.56E-06	9.01E-07	9.23E-07	8.37E-07	3.82E-07	3.60E-07	1.72E-08	4.16E-07	9.18E-08	1.25E-07	1.99E-07	3.50E-08	1.89E-07	1.07E-06
3907	482363.1	3853377.3	2.93E-03	3.00E-03	2.83E-03	1.01E-06	3.06E-06	1.77E-06	1.81E-06	1.64E-06	7.51E-07	7.08E-07	3.38E-08	8.18E-07	1.80E-07	2.46E-07	3.91E-07	6.89E-08	3.72E-07	2.11E-06
3908	482863.1	3853377.3	1.91E-02	1.96E-02	1.85E-02	6.61E-06	2.00E-05	1.16E-05	1.18E-05	1.07E-05	4.90E-06	4.62E-06	2.21E-07	5.34E-06	1.18E-06	1.61E-06	2.55E-06	4.50E-07	2.42E-06	1.38E-05
3909	483363.1	3853377.3	3.73E-03	3.82E-03	3.61E-03	1.29E-06	3.90E-06	2.26E-06	2.31E-06	2.10E-06	9.57E-07	9.02E-07	4.31E-08	1.04E-06	2.30E-07	3.14E-07	4.98E-07	8.78E-08	4.74E-07	2.69E-06
3910	483863.1	3853377.3	2.19E-03	2.24E-03	2.12E-03	7.58E-07	2.29E-06	1.33E-06	1.36E-06	1.23E-06	5.61E-07	5.30E-07	2.53E-08	6.12E-07	1.35E-07	1.84E-07	2.92E-07	5.15E-08	2.78E-07	1.58E-06
3911	484363.1	3853377.3	1.68E-03	1.72E-03	1.62E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.42E-07	4.30E-07	4.05E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.24E-07	3.94E-08	2.13E-07	1.21E-06
3912	484863.1	3853377.3	1.23E-03	1.26E-03	1.18E-03	4.25E-07	1.28E-06	7.42E-07	7.60E-07	6.89E-07	3.14E-07	2.97E-07	1.42E-08	3.42E-07	7.56E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.84E-07
3913	485363.1	3853377.3	9.43E-04	9.66E-04	9.11E-04	3.26E-07	9.86E-07	5.71E-07	5.84E-07	5.30E-07	2.42E-07	2.28E-07	1.09E-08	2.63E-07	5.81E-08	7.94E-08	1.26E-07	2.22E-08	1.20E-07	6.79E-07

3914	485863.1	3853377.3	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
3915	486363.1	3853377.3	7.56E-04	7.74E-04	7.30E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.25E-07	1.94E-07	1.83E-07	8.73E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.78E-08	9.59E-08	5.44E-07
3916	486863.1	3853377.3	7.14E-04	7.32E-04	6.90E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.83E-07	1.73E-07	8.26E-09	1.99E-07	4.40E-08	6.01E-08	9.53E-08	1.68E-08	9.06E-08	5.15E-07
3917	487363.1	3853377.3	6.95E-04	7.12E-04	6.72E-04	2.41E-07	7.27E-07	4.21E-07	4.31E-07	3.91E-07	1.78E-07	1.68E-07	8.04E-09	1.94E-07	4.28E-08	5.85E-08	9.28E-08	1.64E-08	8.82E-08	5.01E-07
3918	487863.1	3853377.3	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
3919	488363.1	3853377.3	6.60E-04	6.76E-04	6.37E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.69E-07	1.60E-07	7.63E-09	1.84E-07	4.06E-08	5.55E-08	8.81E-08	1.55E-08	8.37E-08	4.75E-07
3920	488863.1	3853377.3	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
3921	489363.1	3853377.3	6.12E-04	6.27E-04	5.92E-04	2.12E-07	6.40E-07	3.71E-07	3.80E-07	3.44E-07	1.57E-07	1.48E-07	7.08E-09	1.71E-07	3.77E-08	5.15E-08	8.18E-08	1.44E-08	7.77E-08	4.41E-07
3922	489863.1	3853377.3	5.89E-04	6.03E-04	5.69E-04	2.04E-07	6.15E-07	3.56E-07	3.65E-07	3.31E-07	1.51E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.95E-08	7.86E-08	1.39E-08	7.47E-08	4.24E-07
3923	490363.1	3853377.3	5.87E-04	6.02E-04	5.67E-04	2.03E-07	6.14E-07	3.55E-07	3.64E-07	3.30E-07	1.51E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.94E-08	7.84E-08	1.38E-08	7.45E-08	4.23E-07
3924	490863.1	3853377.3	5.80E-04	5.94E-04	5.60E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.49E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.36E-08	7.36E-08	4.18E-07
3925	491363.1	3853377.3	5.73E-04	5.87E-04	5.53E-04	1.98E-07	5.99E-07	3.46E-07	3.55E-07	3.22E-07	1.47E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.82E-08	7.64E-08	1.35E-08	7.27E-08	4.13E-07
3926	491863.1	3853377.3	5.64E-04	5.77E-04	5.45E-04	1.95E-07	5.89E-07	3.41E-07	3.49E-07	3.17E-07	1.45E-07	1.36E-07	6.52E-09	1.57E-07	3.47E-08	4.74E-08	7.53E-08	1.33E-08	7.15E-08	4.06E-07
3927	492363.1	3853377.3	5.62E-04	5.76E-04	5.43E-04	1.95E-07	5.88E-07	3.40E-07	3.48E-07	3.16E-07	1.44E-07	1.36E-07	6.50E-09	1.57E-07	3.46E-08	4.73E-08	7.51E-08	1.32E-08	7.14E-08	4.05E-07
3928	492863.1	3853377.3	5.61E-04	5.74E-04	5.42E-04	1.94E-07	5.86E-07	3.39E-07	3.48E-07	3.15E-07	1.44E-07	1.36E-07	6.48E-09	1.57E-07	3.46E-08	4.72E-08	7.49E-08	1.32E-08	7.12E-08	4.04E-07
3929	493363.1	3853377.3	5.52E-04	5.65E-04	5.33E-04	1.91E-07	5.77E-07	3.34E-07	3.42E-07	3.10E-07	1.41E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.64E-08	7.37E-08	1.30E-08	7.00E-08	3.98E-07
3930	493863.1	3853377.3	5.42E-04	5.55E-04	5.23E-04	1.87E-07	5.66E-07	3.28E-07	3.36E-07	3.04E-07	1.39E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.56E-08	7.23E-08	1.27E-08	6.87E-08	3.90E-07
3931	494363.1	3853377.3	5.24E-04	5.37E-04	5.06E-04	1.81E-07	5.48E-07	3.17E-07	3.25E-07	2.94E-07	1.34E-07	1.27E-07	6.06E-09	1.46E-07	3.23E-08	4.41E-08	6.99E-08	1.23E-08	6.65E-08	3.77E-07
3932	494863.1	3853377.3	5.05E-04	5.17E-04	4.88E-04	1.75E-07	5.28E-07	3.05E-07	3.13E-07	2.84E-07	1.29E-07	1.22E-07	5.83E-09	1.41E-07	3.11E-08	4.25E-08	6.74E-08	1.19E-08	6.41E-08	3.64E-07
3933	495363.1	3853377.3	4.93E-04	5.05E-04	4.76E-04	1.71E-07	5.15E-07	2.98E-07	3.05E-07	2.77E-07	1.26E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	4.15E-08	6.58E-08	1.16E-08	6.26E-08	3.55E-07
3934	495863.1	3853377.3	4.77E-04	4.88E-04	4.61E-04	1.65E-07	4.98E-07	2.88E-07	2.95E-07	2.68E-07	1.22E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	4.01E-08	6.36E-08	1.12E-08	6.05E-08	3.43E-07
3935	496363.1	3853377.3	4.56E-04	4.67E-04	4.41E-04	1.58E-07	4.77E-07	2.76E-07	2.83E-07	2.56E-07	1.17E-07	1.10E-07	5.27E-09	1.27E-07	2.81E-08	3.84E-08	6.09E-08	1.07E-08	5.79E-08	3.29E-07
3936	496863.1	3853377.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
3937	497363.1	3853377.3	3.93E-04	4.02E-04	3.79E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	1.01E-07	9.49E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.24E-09	4.98E-08	2.83E-07
3938	497863.1	3853377.3	3.34E-04	3.42E-04	3.22E-04	1.15E-07	3.49E-07	2.02E-07	2.07E-07	1.87E-07	8.55E-08	8.06E-08	3.86E-09	9.31E-08	2.06E-08	2.81E-08	4.45E-08	7.85E-09	4.23E-08	2.40E-07
3939	498363.1	3853377.3	3.04E-04	3.11E-04	2.94E-04	1.05E-07	3.18E-07	1.84E-07	1.88E-07	1.71E-07	7.79E-08	7.35E-08	3.51E-09	8.49E-08	1.87E-08	2.56E-08	4.06E-08	7.15E-09	3.86E-08	2.19E-07
3940	471363.1	3853877.3	2.23E-04	2.28E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.39E-08	2.58E-09	6.22E-08	1.37E-08	1.88E-08	2.97E-08	5.24E-09	2.83E-08	1.61E-07
3941	471863.1	3853877.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
3942	472363.1	3853877.3	2.41E-04	2.46E-04	2.32E-04	8.33E-08	2.51E-07	1.46E-07	1.49E-07	1.35E-07	6.17E-08	5.82E-08	2.78E-09	6.72E-08	1.48E-08	2.02E-08	3.21E-08	5.66E-09	3.05E-08	1.73E-07
3943	472863.1	3853877.3	2.49E-04	2.55E-04	2.41E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	6.03E-08	2.88E-09	6.96E-08	1.54E-08	2.10E-08	3.33E-08	5.87E-09	3.17E-08	1.80E-07
3944	473363.1	3853877.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
3945	473863.1	3853877.3	2.61E-04	2.68E-04	2.52E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.70E-08	6.32E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.15E-09	3.31E-08	1.88E-07
3946	474363.1	3853877.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
3947	474863.1	3853877.3	2.77E-04	2.84E-04	2.68E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	7.11E-08	6.71E-08	3.21E-09	7.75E-08	1.71E-08	2.33E-08	3.70E-08	6.53E-09	3.52E-08	2.00E-07
3948	475363.1	3853877.3	2.76E-04	2.83E-04	2.67E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	7.07E-08	6.67E-08	3.19E-09	7.71E-08	1.70E-08	2.32E-08	3.68E-08	6.49E-09	3.50E-08	1.99E-07
3949	475863.1	3853877.3	2.66E-04	2.72E-04	2.57E-04	9.20E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.81E-08	6.42E-08	3.07E-09	7.42E-08	1.64E-08	2.24E-08	3.55E-08	6.25E-09	3.37E-08	1.91E-07
3950	476363.1	3853877.3	2.60E-04	2.66E-04	2.51E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.66E-08	6.28E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.11E-09	3.30E-08	1.87E-07
3951	476863.1	3853877.3	2.49E-04	2.55E-04	2.41E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	6.03E-08	2.88E-09	6.96E-08	1.54E-08	2.10E-08	3.33E-08	5.87E-09	3.17E-08	1.80E-07
3952	477363.1	3853877.3	2.64E-04	2.71E-04	2.55E-04	9.15E-08	2.76E-07	1.60E-07	1.64E-07	1.48E-07	6.77E-08	6.39E-08	3.05E-09	7.38E-08	1.63E-08	2.22E-08	3.53E-08	6.21E-09	3.35E-08	1.90E-07
3953	477863.1	3853877.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
3954	478363.1	3853877.3	2.92E-04	2.99E-04	2.82E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.49E-08	7.07E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.87E-09	3.71E-08	2.11E-07
3955	478863.1	3853877.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
3956	479363.1	3853877.3	3.07E-04	3.14E-04	2.97E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.42E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.90E-08	2.21E-07
3957	479863.1	3853877.3	3.94E-04	4.04E-04	3.81E-04	1.36E-07	4.12E-07	2.38E-07	2.44E-07	2.21E-07	1.01E-07	9.53E-08	4.56E-09	1.10E-07	2.43E-08	3.32E-08	5.26E-08	9.27E-09	5.00E-08	2.84E-07
3958	480363.1	3853877.3	4.86E-04	4.97E-04	4.69E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.24E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	4.09E-08	6.48E-08	1.14E-08	6.16E-08	3.50E-07
3959	480863.1	3853877.3	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
3960	481363.1	3853877.3	8.52E-04	8.72E-04	8.23E-04	2.95E-07	8.90E-07	5.15E-07	5.28E-07	4.78E-07	2.18E-07	2.06E-07	9.84E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	2.00E-08	1.08E-07	6.14E-07
3961	481863.1	3853877.3	1.27E-03	1.30E-03	1.22E-03	4.39E-07	1.33E-06	7.67E-07	7.86E-07	7.12E-07	3.25E-07	3.07E-07	1.47E-08	3.54E-07	7.81E-08	1.07E-07	1.69E-07	2.98E-08	1.61E-07	9.13E-07
3962	482363.1	3853877.3	2.25E-03	2.31E-03	2.18E-03	7.80E-07	2.36E-06	1.36E-06	1.40E-06	1.27E-06	5.78E-07	5.45E-07	2.61E-08	6.29E-07	1.39E-07	1.90E-07	3.01E-07	5.30E-08	2.86E-07	1.62E-06
3963	482863.1	3853877.3	4.02E-02	4.12E-02	3.88E-02	1.39E-05	4.20E-05	2.43E-05	2.49E-05	2.26E-05	1.03E-05	9.72E-06	4.65E-07	1.12E-05	2.48E-06	3.38E-06	5.36E-06	9.46E-07	5.10E-06	2.90E-05
3964	483363.1	3853877.3	4.32E-03	4.43E-03	4.18E-03	1.50E-06	4.52E-06	2.62E-06	2.68E-06	2.43E-06	1.11E-06	1.05E-06	5.00E-08	1.21E-06	2.66E-07	3.64E-07	5.77E-07	1.02E-07	5.49E-07	3.12E-06
3965	483863.1	3853877.3	2.49E-03	2.55E-03	2.41E-03	8.63E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.39E-07	6.03E-07	2.88E-08	6.96E-07	1.54E-07	2.10E-07	3.33E-07	5.87E-08	3.17E-07	1.80E-06
3966	484363.1	3853877.3	1.65E-03	1.69E-03	1.59E-03	5.71E-07	1.72E-06	9.97E-07	1.02E-06	9.26E-07	4.23E-07	3.99E-07	1.91E-08	4.60E-07	1.02E-07	1.39E-07	2.20E-07	3.88E-08	2.09E-07	1.19E-06
3967	484863.1	3853877.3	1.20E-03	1.23E-03	1.16E-03	4.15E-07	1.25E-06	7.25E-07	7.43E-07	6.73E-07	3.07E-07	2.90E-07	1.39E-08	3.35E-07	7.38E-08	1.01E-07	1.60E-07	2.82E-08	1.52E-07	8.63E-07
3968	485363.1	3853877.3	8.87E-04	9.08E-04	8.57E-04	3.07E-07	9.27E-07	5.37E-07	5.50E-07	4.98E-07	2.27E-07	2.14E-07	1.03E-08	2.48E-07	5.47E-08	7.46E-08	1.18E-07	2.09E-08	1.13E-07	6.39E-07
3969	485863.1	3853877.3	8.26E-04	8.47E-04	7.98E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.12E-07	2.00E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.94E-08	1.05E-07	5.95E-07

3970	486363.1	3853877.3	7.70E-04	7.89E-04	7.44E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.97E-07	1.86E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.81E-08	9.78E-08	5.55E-07
3971	486863.1	3853877.3	7.28E-04	7.45E-04	7.03E-04	2.52E-07	7.60E-07	4.40E-07	4.51E-07	4.09E-07	1.87E-07	1.76E-07	8.41E-09	2.03E-07	4.48E-08	6.12E-08	9.71E-08	1.71E-08	9.23E-08	5.24E-07
3972	487363.1	3853877.3	7.16E-04	7.33E-04	6.92E-04	2.48E-07	7.48E-07	4.33E-07	4.44E-07	4.02E-07	1.83E-07	1.73E-07	8.27E-09	2.00E-07	4.41E-08	6.02E-08	9.55E-08	1.68E-08	9.08E-08	5.16E-07
3973	487863.1	3853877.3	7.22E-04	7.39E-04	6.97E-04	2.50E-07	7.54E-07	4.37E-07	4.47E-07	4.05E-07	1.85E-07	1.75E-07	8.34E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.70E-08	9.16E-08	5.20E-07
3974	488363.1	3853877.3	7.07E-04	7.24E-04	6.83E-04	2.45E-07	7.39E-07	4.28E-07	4.38E-07	3.97E-07	1.81E-07	1.71E-07	8.17E-09	1.97E-07	4.36E-08	5.95E-08	9.44E-08	1.66E-08	8.97E-08	5.09E-07
3975	488863.1	3853877.3	7.03E-04	7.20E-04	6.79E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.95E-07	1.80E-07	1.70E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.38E-08	1.65E-08	8.91E-08	5.06E-07
3976	489363.1	3853877.3	6.66E-04	6.82E-04	6.43E-04	2.30E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.71E-07	1.61E-07	7.69E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.57E-08	8.45E-08	4.80E-07
3977	489863.1	3853877.3	6.54E-04	6.70E-04	6.32E-04	2.26E-07	6.83E-07	3.96E-07	4.05E-07	3.67E-07	1.68E-07	1.58E-07	7.56E-09	1.83E-07	4.03E-08	5.50E-08	8.73E-08	1.54E-08	8.30E-08	4.71E-07
3978	490363.1	3853877.3	6.32E-04	6.47E-04	6.10E-04	2.19E-07	6.60E-07	3.82E-07	3.91E-07	3.55E-07	1.62E-07	1.53E-07	7.30E-09	1.76E-07	3.89E-08	5.31E-08	8.43E-08	1.49E-08	8.02E-08	4.55E-07
3979	490863.1	3853877.3	6.18E-04	6.33E-04	5.97E-04	2.14E-07	6.46E-07	3.74E-07	3.83E-07	3.47E-07	1.59E-07	1.50E-07	7.15E-09	1.73E-07	3.81E-08	5.20E-08	8.25E-08	1.45E-08	7.85E-08	4.46E-07
3980	491363.1	3853877.3	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
3981	491863.1	3853877.3	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
3982	492363.1	3853877.3	6.01E-04	6.15E-04	5.80E-04	2.08E-07	6.28E-07	3.63E-07	3.72E-07	3.37E-07	1.54E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.41E-08	7.62E-08	4.33E-07
3983	492863.1	3853877.3	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07
3984	493363.1	3853877.3	5.79E-04	5.93E-04	5.59E-04	2.00E-07	6.05E-07	3.50E-07	3.59E-07	3.25E-07	1.48E-07	1.40E-07	6.69E-09	1.62E-07	3.56E-08	4.87E-08	7.72E-08	1.36E-08	7.34E-08	4.17E-07
3985	493863.1	3853877.3	5.61E-04	5.74E-04	5.42E-04	1.94E-07	5.86E-07	3.39E-07	3.48E-07	3.15E-07	1.44E-07	1.36E-07	6.48E-09	1.57E-07	3.46E-08	4.72E-08	7.49E-08	1.32E-08	7.12E-08	4.04E-07
3986	494363.1	3853877.3	5.48E-04	5.61E-04	5.29E-04	1.90E-07	5.72E-07	3.31E-07	3.39E-07	3.08E-07	1.40E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.61E-08	7.31E-08	1.29E-08	6.95E-08	3.94E-07
3987	494863.1	3853877.3	5.28E-04	5.41E-04	5.10E-04	1.83E-07	5.52E-07	3.20E-07	3.27E-07	2.97E-07	1.35E-07	1.28E-07	6.11E-09	1.48E-07	3.26E-08	4.45E-08	7.05E-08	1.24E-08	6.70E-08	3.81E-07
3988	495363.1	3853877.3	4.94E-04	5.06E-04	4.78E-04	1.71E-07	5.17E-07	2.99E-07	3.06E-07	2.78E-07	1.27E-07	1.20E-07	5.72E-09	1.38E-07	3.05E-08	4.16E-08	6.60E-08	1.16E-08	6.27E-08	3.56E-07
3989	495863.1	3853877.3	4.66E-04	4.78E-04	4.51E-04	1.61E-07	4.87E-07	2.82E-07	2.89E-07	2.62E-07	1.20E-07	1.13E-07	5.39E-09	1.30E-07	2.87E-08	3.92E-08	6.23E-08	1.10E-08	5.92E-08	3.36E-07
3990	496363.1	3853877.3	4.47E-04	4.58E-04	4.32E-04	1.55E-07	4.67E-07	2.71E-07	2.77E-07	2.51E-07	1.15E-07	1.08E-07	5.17E-09	1.25E-07	2.76E-08	3.76E-08	5.97E-08	1.05E-08	5.67E-08	3.22E-07
3991	496863.1	3853877.3	4.15E-04	4.25E-04	4.01E-04	1.44E-07	4.33E-07	2.51E-07	2.57E-07	2.33E-07	1.06E-07	1.00E-07	4.79E-09	1.16E-07	2.56E-08	3.49E-08	5.54E-08	9.76E-09	5.26E-08	2.99E-07
3992	497363.1	3853877.3	3.88E-04	3.98E-04	3.75E-04	1.34E-07	4.06E-07	2.35E-07	2.41E-07	2.18E-07	9.95E-08	9.39E-08	4.49E-09	1.08E-07	2.39E-08	3.27E-08	5.18E-08	9.13E-09	4.93E-08	2.80E-07
3993	497863.1	3853877.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
3994	498363.1	3853877.3	3.29E-04	3.37E-04	3.18E-04	1.14E-07	3.44E-07	1.99E-07	2.04E-07	1.85E-07	8.44E-08	7.96E-08	3.80E-09	9.19E-08	2.03E-08	2.77E-08	4.39E-08	7.74E-09	4.18E-08	2.37E-07
3995	471363.1	3854377.3	2.15E-04	2.21E-04	2.08E-04	7.46E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.52E-08	5.21E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.88E-08	5.07E-09	2.73E-08	1.55E-07
3996	471863.1	3854377.3	2.26E-04	2.31E-04	2.18E-04	7.82E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.46E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.87E-08	1.63E-07
3997	472363.1	3854377.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
3998	472863.1	3854377.3	2.38E-04	2.43E-04	2.30E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.09E-08	5.75E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.59E-09	3.02E-08	1.71E-07
3999	473363.1	3854377.3	2.46E-04	2.52E-04	2.38E-04	8.53E-08	2.58E-07	1.49E-07	1.53E-07	1.38E-07	6.32E-08	5.96E-08	2.85E-09	6.88E-08	1.52E-08	2.07E-08	3.29E-08	5.80E-09	3.13E-08	1.78E-07
4000	473863.1	3854377.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
4001	474363.1	3854377.3	2.63E-04	2.69E-04	2.54E-04	9.09E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.35E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.33E-08	1.89E-07
4002	474863.1	3854377.3	2.58E-04	2.65E-04	2.50E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
4003	475363.1	3854377.3	2.46E-04	2.52E-04	2.38E-04	8.53E-08	2.58E-07	1.49E-07	1.53E-07	1.38E-07	6.32E-08	5.96E-08	2.85E-09	6.88E-08	1.52E-08	2.07E-08	3.29E-08	5.80E-09	3.13E-08	1.78E-07
4004	475863.1	3854377.3	2.23E-04	2.28E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.39E-08	2.58E-09	6.22E-08	1.37E-08	1.88E-08	2.97E-08	5.24E-09	2.83E-08	1.61E-07
4005	476363.1	3854377.3	2.24E-04	2.30E-04	2.17E-04	7.77E-08	2.34E-07	1.36E-07	1.39E-07	1.26E-07	5.75E-08	5.42E-08	2.59E-09	6.26E-08	1.38E-08	1.89E-08	2.99E-08	5.28E-09	2.85E-08	1.62E-07
4006	476863.1	3854377.3	2.30E-04	2.36E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.57E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.92E-08	1.66E-07
4007	477363.1	3854377.3	2.38E-04	2.43E-04	2.30E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.09E-08	5.75E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.59E-09	3.02E-08	1.71E-07
4008	477863.1	3854377.3	2.48E-04	2.54E-04	2.40E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.00E-08	2.87E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
4009	478363.1	3854377.3	2.67E-04	2.74E-04	2.58E-04	9.25E-08	2.79E-07	1.62E-07	1.66E-07	1.50E-07	6.85E-08	6.46E-08	3.09E-09	7.46E-08	1.65E-08	2.25E-08	3.57E-08	6.28E-09	3.39E-08	1.92E-07
4010	478863.1	3854377.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
4011	479363.1	3854377.3	3.23E-04	3.31E-04	3.12E-04	1.12E-07	3.38E-07	1.96E-07	2.00E-07	1.82E-07	8.29E-08	7.82E-08	3.74E-09	9.02E-08	1.99E-08	2.72E-08	4.31E-08	7.60E-09	4.10E-08	2.33E-07
4012	479863.1	3854377.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
4013	480363.1	3854377.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
4014	480863.1	3854377.3	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
4015	481363.1	3854377.3	7.35E-04	7.53E-04	7.10E-04	2.54E-07	7.68E-07	4.45E-07	4.55E-07	4.13E-07	1.88E-07	1.78E-07	8.50E-09	2.05E-07	4.53E-08	6.18E-08	9.81E-08	1.73E-08	9.33E-08	5.30E-07
4016	481863.1	3854377.3	1.15E-03	1.18E-03	1.12E-03	4.00E-07	1.21E-06	6.98E-07	7.15E-07	6.48E-07	2.96E-07	2.79E-07	1.33E-08	3.22E-07	7.11E-08	9.71E-08	1.54E-07	2.72E-08	1.46E-07	8.31E-07
4017	482363.1	3854377.3	1.96E-03	2.00E-03	1.89E-03	6.77E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.01E-07	4.73E-07	2.26E-08	5.46E-07	1.20E-07	1.65E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
4018	482863.1	3854377.3	3.00E-02	3.08E-02	2.90E-02	1.04E-05	3.14E-05	1.82E-05	1.86E-05	1.69E-05	7.70E-06	7.26E-06	3.47E-07	8.39E-06	1.85E-06	2.53E-06	4.01E-06	7.07E-07	3.81E-06	2.16E-05
4019	483363.1	3854377.3	5.21E-03	5.33E-03	5.03E-03	1.80E-06	5.44E-06	3.15E-06	3.23E-06	2.93E-06	1.33E-06	1.26E-06	6.02E-08	1.45E-06	3.21E-07	4.38E-07	6.95E-07	1.22E-07	6.61E-07	3.75E-06
4020	483863.1	3854377.3	2.42E-03	2.47E-03	2.33E-03	8.36E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.19E-07	5.84E-07	2.79E-08	6.75E-07	1.49E-07	2.03E-07	3.22E-07	5.68E-08	3.07E-07	1.74E-06
4021	484363.1	3854377.3	1.57E-03	1.61E-03	1.52E-03	5.45E-07	1.64E-06	9.52E-07	9.75E-07	8.84E-07	4.03E-07	3.80E-07	1.82E-08	4.39E-07	9.69E-08	1.32E-07	2.10E-07	3.70E-08	2.00E-07	1.13E-06
4022	484863.1	3854377.3	1.17E-03	1.19E-03	1.13E-03	4.04E-07	1.22E-06	7.05E-07	7.23E-07	6.55E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.18E-08	9.81E-08	1.56E-07	2.74E-08	1.48E-07	8.40E-07
4023	485363.1	3854377.3	1.11E-03	1.13E-03	1.07E-03	3.83E-07	1.16E-06	6.70E-07	6.86E-07	6.22E-07	2.84E-07	2.68E-07	1.28E-08	3.09E-07	6.82E-08	9.31E-08	1.48E-07	2.60E-08	1.40E-07	7.97E-07
4024	485863.1	3854377.3	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
4025	486363.1	3854377.3	8.53E-04	8.74E-04	8.24E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.19E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	2.01E-08	1.08E-07	6.15E-07

4026	486863.1	3854377.3	7.76E-04	7.95E-04	7.50E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.99E-07	1.88E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.83E-08	9.85E-08	5.59E-07
4027	487363.1	3854377.3	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
4028	487863.1	3854377.3	7.72E-04	7.91E-04	7.46E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.34E-07	1.98E-07	1.87E-07	8.92E-09	2.16E-07	4.76E-08	6.49E-08	1.03E-07	1.82E-08	9.79E-08	5.56E-07
4029	488363.1	3854377.3	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
4030	488863.1	3854377.3	7.54E-04	7.72E-04	7.29E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.93E-07	1.82E-07	8.72E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.77E-08	9.57E-08	5.43E-07
4031	489363.1	3854377.3	7.36E-04	7.54E-04	7.11E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.14E-07	1.89E-07	1.78E-07	8.51E-09	2.06E-07	4.54E-08	6.20E-08	9.83E-08	1.73E-08	9.35E-08	5.31E-07
4032	489863.1	3854377.3	7.13E-04	7.30E-04	6.89E-04	2.47E-07	7.45E-07	4.31E-07	4.42E-07	4.00E-07	1.83E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	6.00E-08	9.52E-08	1.68E-08	9.05E-08	5.14E-07
4033	490363.1	3854377.3	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
4034	490863.1	3854377.3	6.21E-04	6.36E-04	6.00E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.59E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	5.23E-08	8.29E-08	1.46E-08	7.88E-08	4.48E-07
4035	491363.1	3854377.3	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
4036	491863.1	3854377.3	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
4037	492363.1	3854377.3	6.38E-04	6.53E-04	6.16E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.63E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.51E-08	1.50E-08	8.09E-08	4.59E-07
4038	492863.1	3854377.3	6.23E-04	6.38E-04	6.02E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.60E-07	1.51E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.47E-08	7.90E-08	4.49E-07
4039	493363.1	3854377.3	6.04E-04	6.18E-04	5.83E-04	2.09E-07	6.31E-07	3.65E-07	3.74E-07	3.39E-07	1.55E-07	1.46E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.42E-08	7.66E-08	4.35E-07
4040	493863.1	3854377.3	5.84E-04	5.99E-04	5.65E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.50E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.92E-08	7.80E-08	1.37E-08	7.42E-08	4.21E-07
4041	494363.1	3854377.3	5.65E-04	5.79E-04	5.46E-04	1.96E-07	5.91E-07	3.42E-07	3.50E-07	3.18E-07	1.45E-07	1.37E-07	6.53E-09	1.58E-07	3.48E-08	4.76E-08	7.55E-08	1.33E-08	7.17E-08	4.07E-07
4042	494863.1	3854377.3	5.17E-04	5.29E-04	4.99E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.32E-07	1.25E-07	5.97E-09	1.44E-07	3.18E-08	4.35E-08	6.89E-08	1.22E-08	6.55E-08	3.72E-07
4043	495363.1	3854377.3	4.63E-04	4.75E-04	4.48E-04	1.60E-07	4.84E-07	2.80E-07	2.87E-07	2.60E-07	1.19E-07	1.12E-07	5.36E-09	1.29E-07	2.86E-08	3.90E-08	6.19E-08	1.09E-08	5.88E-08	3.34E-07
4044	495863.1	3854377.3	4.29E-04	4.40E-04	4.15E-04	1.49E-07	4.49E-07	2.60E-07	2.66E-07	2.41E-07	1.10E-07	1.04E-07	4.96E-09	1.20E-07	2.65E-08	3.61E-08	5.73E-08	1.01E-08	5.45E-08	3.09E-07
4045	496363.1	3854377.3	4.12E-04	4.22E-04	3.98E-04	1.43E-07	4.30E-07	2.49E-07	2.55E-07	2.31E-07	1.06E-07	9.96E-08	4.76E-09	1.15E-07	2.54E-08	3.46E-08	5.50E-08	9.69E-09	5.23E-08	2.97E-07
4046	496863.1	3854377.3	3.91E-04	4.01E-04	3.78E-04	1.35E-07	4.09E-07	2.37E-07	2.42E-07	2.20E-07	1.00E-07	9.46E-08	4.52E-09	1.09E-07	2.41E-08	3.29E-08	5.22E-08	9.20E-09	4.96E-08	2.82E-07
4047	497363.1	3854377.3	3.57E-04	3.66E-04	3.45E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.01E-07	9.16E-08	8.64E-08	4.13E-09	9.97E-08	2.20E-08	3.01E-08	4.77E-08	8.40E-09	4.53E-08	2.57E-07
4048	497863.1	3854377.3	3.60E-04	3.69E-04	3.48E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.23E-08	8.71E-08	4.16E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.47E-09	4.57E-08	2.59E-07
4049	498363.1	3854377.3	3.41E-04	3.49E-04	3.29E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.92E-07	8.74E-08	8.24E-08	3.94E-09	9.52E-08	2.10E-08	2.87E-08	4.55E-08	8.02E-09	4.33E-08	2.46E-07
4050	471363.1	3854877.3	2.13E-04	2.18E-04	2.05E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.14E-08	2.46E-09	5.93E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.70E-08	1.53E-07
4051	471863.1	3854877.3	2.20E-04	2.25E-04	2.12E-04	7.61E-08	2.30E-07	1.33E-07	1.36E-07	1.24E-07	5.64E-08	5.32E-08	2.54E-09	6.14E-08	1.35E-08	1.85E-08	2.94E-08	5.17E-09	2.79E-08	1.58E-07
4052	472363.1	3854877.3	2.26E-04	2.31E-04	2.18E-04	7.82E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.46E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.87E-08	1.63E-07
4053	472863.1	3854877.3	2.27E-04	2.33E-04	2.20E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.83E-08	5.50E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.35E-09	2.88E-08	1.64E-07
4054	473363.1	3854877.3	2.36E-04	2.42E-04	2.28E-04	8.17E-08	2.47E-07	1.43E-07	1.46E-07	1.33E-07	6.05E-08	5.71E-08	2.73E-09	6.59E-08	1.45E-08	1.99E-08	3.15E-08	5.56E-09	3.00E-08	1.70E-07
4055	473863.1	3854877.3	2.45E-04	2.51E-04	2.37E-04	8.48E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.28E-08	5.92E-08	2.83E-09	6.84E-08	1.51E-08	2.06E-08	3.27E-08	5.76E-09	3.11E-08	1.77E-07
4056	474363.1	3854877.3	2.57E-04	2.63E-04	2.48E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.58E-08	6.21E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	6.04E-09	3.26E-08	1.85E-07
4057	474863.1	3854877.3	2.39E-04	2.45E-04	2.31E-04	8.28E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	6.13E-08	5.78E-08	2.76E-09	6.68E-08	1.47E-08	2.01E-08	3.19E-08	5.62E-09	3.03E-08	1.72E-07
4058	475363.1	3854877.3	2.21E-04	2.27E-04	2.14E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.67E-08	5.35E-08	2.56E-09	6.18E-08	1.36E-08	1.86E-08	2.95E-08	5.21E-09	2.81E-08	1.59E-07
4059	475863.1	3854877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4060	476363.1	3854877.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
4061	476863.1	3854877.3	1.95E-04	2.00E-04	1.88E-04	6.74E-08	2.04E-07	1.18E-07	1.21E-07	1.09E-07	4.99E-08	4.71E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.58E-09	2.47E-08	1.40E-07
4062	477363.1	3854877.3	2.13E-04	2.18E-04	2.05E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.14E-08	2.46E-09	5.93E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.70E-08	1.53E-07
4063	477863.1	3854877.3	2.30E-04	2.36E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.57E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.92E-08	1.66E-07
4064	478363.1	3854877.3	2.60E-04	2.66E-04	2.51E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.66E-08	6.28E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.11E-09	3.30E-08	1.87E-07
4065	478863.1	3854877.3	2.98E-04	3.05E-04	2.88E-04	1.03E-07	3.12E-07	1.80E-07	1.85E-07	1.67E-07	7.64E-08	7.21E-08	3.45E-09	8.32E-08	1.84E-08	2.51E-08	3.98E-08	7.01E-09	3.78E-08	2.15E-07
4066	479363.1	3854877.3	3.38E-04	3.46E-04	3.27E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.90E-07	8.66E-08	8.17E-08	3.91E-09	9.44E-08	2.08E-08	2.84E-08	4.51E-08	7.95E-09	4.29E-08	2.43E-07
4067	479863.1	3854877.3	3.84E-04	3.93E-04	3.71E-04	1.33E-07	4.01E-07	2.32E-07	2.38E-07	2.16E-07	9.84E-08	9.28E-08	4.44E-09	1.07E-07	2.36E-08	3.23E-08	5.12E-08	9.03E-09	4.87E-08	2.76E-07
4068	480363.1	3854877.3	4.28E-04	4.38E-04	4.13E-04	1.48E-07	4.47E-07	2.59E-07	2.65E-07	2.40E-07	1.10E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.60E-08	5.71E-08	1.01E-08	5.43E-08	3.08E-07
4069	480863.1	3854877.3	5.27E-04	5.40E-04	5.09E-04	1.82E-07	5.51E-07	3.19E-07	3.27E-07	2.96E-07	1.35E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.43E-08	7.03E-08	1.24E-08	6.69E-08	3.80E-07
4070	481363.1	3854877.3	6.49E-04	6.65E-04	6.27E-04	2.25E-07	6.79E-07	3.93E-07	4.02E-07	3.65E-07	1.66E-07	1.57E-07	7.51E-09	1.81E-07	4.00E-08	5.46E-08	8.67E-08	1.53E-08	8.24E-08	4.68E-07
4071	481863.1	3854877.3	7.44E-04	7.62E-04	7.19E-04	2.57E-07	7.77E-07	4.50E-07	4.61E-07	4.18E-07	1.91E-07	1.80E-07	8.60E-09	2.08E-07	4.58E-08	6.26E-08	9.93E-08	1.75E-08	9.44E-08	5.36E-07
4072	482363.1	3854877.3	1.48E-03	1.51E-03	1.43E-03	5.11E-07	1.54E-06	8.93E-07	9.15E-07	8.29E-07	3.78E-07	3.57E-07	1.71E-08	4.12E-07	9.09E-08	1.24E-07	1.97E-07	3.47E-08	1.87E-07	1.06E-06
4073	482863.1	3854877.3	3.57E-03	3.66E-03	3.45E-03	1.24E-06	3.73E-06	2.16E-06	2.21E-06	2.01E-06	9.16E-07	8.64E-07	4.13E-08	9.97E-07	2.20E-07	3.01E-07	4.77E-07	8.40E-08	4.53E-07	2.57E-06
4074	483363.1	3854877.3	1.72E-02	1.76E-02	1.66E-02	5.96E-06	1.80E-05	1.04E-05	1.07E-05	9.67E-06	4.41E-06	4.16E-06	1.99E-07	4.80E-06	1.06E-06	1.45E-06	2.30E-06	4.05E-07	2.18E-06	1.24E-05
4075	483863.1	3854877.3	4.23E-03	4.34E-03	4.09E-03	1.47E-06	4.42E-06	2.56E-06	2.62E-06	2.38E-06	1.09E-06	1.02E-06	4.89E-08	1.18E-06	2.61E-07	3.56E-07	5.65E-07	9.96E-08	5.37E-07	3.05E-06
4076	484363.1	3854877.3	2.29E-03	2.34E-03	2.21E-03	7.92E-07	2.39E-06	1.38E-06	1.42E-06	1.29E-06	5.86E-07	5.53E-07	2.64E-08	6.39E-07	1.41E-07	1.92E-07	3.05E-07	5.38E-08	2.90E-07	1.65E-06
4077	484863.1	3854877.3	1.71E-03	1.75E-03	1.65E-03	5.91E-07	1.78E-06	1.03E-06	1.06E-06	9.59E-07	4.38E-07	4.13E-07	1.97E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	4.02E-08	2.17E-07	1.23E-06
4078	485363.1	3854877.3	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.60E-07	7.79E-07	3.56E-07	3.35E-07	1.60E-08	3.87E-07	8.55E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.99E-07
4079	485863.1	3854877.3	1.18E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.16E-07	7.34E-07	6.65E-07	3.03E-07	2.86E-07	1.37E-08	3.30E-07	7.29E-08	9.96E-08	1.58E-07	2.78E-08	1.50E-07	8.53E-07
4080	486363.1	3854877.3	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.27E-07	6.42E-07	5.82E-07	2.66E-07	2.51E-07	1.20E-08	2.89E-07	6.38E-08	8.72E-08	1.38E-07	2.44E-08	1.31E-07	7.46E-07
4081	486863.1	3854877.3	9.34E-04	9.57E-04	9.03E-04	3.23E-07	9.76E-07	5.65E-07	5.79E-07	5.25E-07	2.39E-07	2.26E-07	1.08E-08	2.61E-07	5.76E-08	7.86E-08	1.25E-07	2.20E-08	1.19E-07	6.73E-07

4082	487363.1	3854877.3	8.80E-04	9.01E-04	8.50E-04	3.04E-07	9.19E-07	5.32E-07	5.45E-07	4.94E-07	2.25E-07	2.13E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.07E-08	1.12E-07	6.34E-07
4083	487863.1	3854877.3	8.43E-04	8.63E-04	8.14E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.16E-07	2.04E-07	9.74E-09	2.35E-07	5.19E-08	7.09E-08	1.12E-07	1.98E-08	1.07E-07	6.07E-07
4084	488363.1	3854877.3	8.28E-04	8.48E-04	8.00E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.12E-07	2.00E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.11E-07	1.95E-08	1.05E-07	5.96E-07
4085	488863.1	3854877.3	8.26E-04	8.47E-04	7.98E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.12E-07	2.00E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.94E-08	1.05E-07	5.95E-07
4086	489363.1	3854877.3	8.09E-04	8.28E-04	7.81E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.07E-07	1.96E-07	9.35E-09	2.26E-07	4.98E-08	6.81E-08	1.08E-07	1.90E-08	1.03E-07	5.83E-07
4087	489863.1	3854877.3	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
4088	490363.1	3854877.3	6.64E-04	6.80E-04	6.42E-04	2.30E-07	6.94E-07	4.02E-07	4.12E-07	3.73E-07	1.70E-07	1.61E-07	7.68E-09	1.85E-07	4.09E-08	5.59E-08	8.86E-08	1.56E-08	8.43E-08	4.78E-07
4089	490863.1	3854877.3	5.70E-04	5.83E-04	5.50E-04	1.97E-07	5.95E-07	3.45E-07	3.53E-07	3.20E-07	1.46E-07	1.38E-07	6.59E-09	1.59E-07	3.51E-08	4.79E-08	7.60E-08	1.34E-08	7.23E-08	4.10E-07
4090	491363.1	3854877.3	5.83E-04	5.97E-04	5.63E-04	2.02E-07	6.09E-07	3.53E-07	3.61E-07	3.28E-07	1.49E-07	1.41E-07	6.74E-09	1.63E-07	3.59E-08	4.91E-08	7.78E-08	1.37E-08	7.40E-08	4.20E-07
4091	491863.1	3854877.3	6.82E-04	6.98E-04	6.59E-04	2.36E-07	7.13E-07	4.13E-07	4.23E-07	3.83E-07	1.75E-07	1.65E-07	7.88E-09	1.90E-07	4.20E-08	5.74E-08	9.10E-08	1.60E-08	8.65E-08	4.91E-07
4092	492363.1	3854877.3	6.77E-04	6.94E-04	6.54E-04	2.35E-07	7.08E-07	4.10E-07	4.20E-07	3.81E-07	1.74E-07	1.64E-07	7.83E-09	1.89E-07	4.17E-08	5.70E-08	9.04E-08	1.59E-08	8.60E-08	4.88E-07
4093	492863.1	3854877.3	6.55E-04	6.71E-04	6.33E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.68E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.75E-08	1.54E-08	8.32E-08	4.72E-07
4094	493363.1	3854877.3	6.27E-04	6.42E-04	6.06E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.61E-07	1.52E-07	7.25E-09	1.75E-07	3.86E-08	5.28E-08	8.37E-08	1.48E-08	7.96E-08	4.52E-07
4095	493863.1	3854877.3	6.05E-04	6.20E-04	5.85E-04	2.09E-07	6.32E-07	3.66E-07	3.75E-07	3.40E-07	1.55E-07	1.46E-07	6.99E-09	1.69E-07	3.73E-08	5.09E-08	8.08E-08	1.42E-08	7.68E-08	4.36E-07
4096	494363.1	3854877.3	5.36E-04	5.49E-04	5.18E-04	1.85E-07	5.60E-07	3.24E-07	3.32E-07	3.01E-07	1.37E-07	1.30E-07	6.19E-09	1.50E-07	3.30E-08	4.51E-08	7.15E-08	1.26E-08	6.80E-08	3.86E-07
4097	494863.1	3854877.3	4.68E-04	4.79E-04	4.52E-04	1.62E-07	4.89E-07	2.83E-07	2.90E-07	2.63E-07	1.20E-07	1.13E-07	5.41E-09	1.31E-07	2.88E-08	3.94E-08	6.24E-08	1.10E-08	5.94E-08	3.37E-07
4098	495363.1	3854877.3	4.25E-04	4.35E-04	4.11E-04	1.47E-07	4.44E-07	2.57E-07	2.63E-07	2.39E-07	1.09E-07	1.03E-07	4.91E-09	1.19E-07	2.62E-08	3.58E-08	5.67E-08	1.00E-08	5.39E-08	3.06E-07
4099	495863.1	3854877.3	4.01E-04	4.11E-04	3.88E-04	1.39E-07	4.20E-07	2.43E-07	2.49E-07	2.26E-07	1.03E-07	9.71E-08	4.64E-09	1.12E-07	2.47E-08	3.38E-08	5.36E-08	9.44E-09	5.09E-08	2.89E-07
4100	496363.1	3854877.3	3.69E-04	3.78E-04	3.56E-04	1.28E-07	3.86E-07	2.23E-07	2.29E-07	2.07E-07	9.46E-08	8.92E-08	4.27E-09	1.03E-07	2.27E-08	3.10E-08	4.92E-08	8.68E-09	4.68E-08	2.66E-07
4101	496863.1	3854877.3	3.48E-04	3.57E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.16E-07	1.96E-07	8.93E-08	8.42E-08	4.03E-09	9.73E-08	2.15E-08	2.93E-08	4.65E-08	8.19E-09	4.42E-08	2.51E-07
4102	497363.1	3854877.3	3.42E-04	3.51E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	8.05E-09	4.34E-08	2.47E-07
4103	497863.1	3854877.3	3.54E-04	3.63E-04	3.42E-04	1.23E-07	3.70E-07	2.14E-07	2.20E-07	1.99E-07	9.08E-08	8.56E-08	4.09E-09	9.89E-08	2.18E-08	2.98E-08	4.73E-08	8.33E-09	4.49E-08	2.55E-07
4104	498363.1	3854877.3	3.50E-04	3.58E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.97E-08	8.46E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.44E-08	2.52E-07
4105	471363.1	3855377.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4106	471863.1	3855377.3	2.13E-04	2.18E-04	2.05E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.14E-08	2.46E-09	5.93E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.70E-08	1.53E-07
4107	472363.1	3855377.3	2.20E-04	2.25E-04	2.12E-04	7.61E-08	2.30E-07	1.33E-07	1.36E-07	1.24E-07	5.64E-08	5.32E-08	2.54E-09	6.14E-08	1.35E-08	1.85E-08	2.94E-08	5.17E-09	2.79E-08	1.58E-07
4108	472863.1	3855377.3	2.23E-04	2.28E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.39E-08	2.58E-09	6.22E-08	1.37E-08	1.88E-08	2.97E-08	5.24E-09	2.83E-08	1.61E-07
4109	473363.1	3855377.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
4110	473863.1	3855377.3	2.42E-04	2.48E-04	2.34E-04	8.38E-08	2.53E-07	1.46E-07	1.50E-07	1.36E-07	6.20E-08	5.85E-08	2.80E-09	6.76E-08	1.49E-08	2.04E-08	3.23E-08	5.69E-09	3.07E-08	1.74E-07
4111	474363.1	3855377.3	2.49E-04	2.55E-04	2.41E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	6.03E-08	2.88E-09	6.96E-08	1.54E-08	2.10E-08	3.33E-08	5.87E-09	3.17E-08	1.80E-07
4112	474863.1	3855377.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
4113	475363.1	3855377.3	1.89E-04	1.93E-04	1.83E-04	6.54E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.57E-08	2.18E-09	5.27E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.40E-08	1.36E-07
4114	475863.1	3855377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4115	476363.1	3855377.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
4116	476863.1	3855377.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
4117	477363.1	3855377.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4118	477863.1	3855377.3	2.30E-04	2.36E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.57E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.92E-08	1.66E-07
4119	478363.1	3855377.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
4120	478863.1	3855377.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
4121	479363.1	3855377.3	3.16E-04	3.23E-04	3.05E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.77E-07	8.10E-08	7.64E-08	3.65E-09	8.82E-08	1.95E-08	2.66E-08	4.22E-08	7.43E-09	4.01E-08	2.28E-07
4122	479863.1	3855377.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
4123	480363.1	3855377.3	4.12E-04	4.22E-04	3.98E-04	1.43E-07	4.30E-07	2.49E-07	2.55E-07	2.31E-07	1.06E-07	9.96E-08	4.76E-09	1.15E-07	2.54E-08	3.46E-08	5.50E-08	9.69E-09	5.23E-08	2.97E-07
4124	480863.1	3855377.3	5.08E-04	5.20E-04	4.90E-04	1.76E-07	5.31E-07	3.07E-07	3.15E-07	2.85E-07	1.30E-07	1.23E-07	5.87E-09	1.42E-07	3.13E-08	4.27E-08	6.78E-08	1.19E-08	6.44E-08	3.66E-07
4125	481363.1	3855377.3	6.51E-04	6.67E-04	6.29E-04	2.25E-07	6.80E-07	3.94E-07	4.03E-07	3.66E-07	1.67E-07	1.57E-07	7.52E-09	1.82E-07	4.01E-08	5.48E-08	8.69E-08	1.53E-08	8.26E-08	4.69E-07
4126	481863.1	3855377.3	8.32E-04	8.53E-04	8.04E-04	2.88E-07	8.70E-07	5.04E-07	5.16E-07	4.68E-07	2.13E-07	2.01E-07	9.62E-09	2.32E-07	5.13E-08	7.00E-08	1.11E-07	1.96E-08	1.06E-07	6.00E-07
4127	482363.1	3855377.3	1.09E-03	1.12E-03	1.06E-03	3.79E-07	1.14E-06	6.62E-07	6.78E-07	6.14E-07	2.80E-07	2.64E-07	1.26E-08	3.05E-07	6.74E-08	9.20E-08	1.46E-07	2.57E-08	1.39E-07	7.88E-07
4128	482863.1	3855377.3	1.62E-03	1.66E-03	1.57E-03	5.61E-07	1.69E-06	9.81E-07	1.00E-06	9.10E-07	4.15E-07	3.92E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.81E-08	2.06E-07	1.17E-06
4129	483363.1	3855377.3	3.60E-03	3.69E-03	3.48E-03	1.25E-06	3.76E-06	2.18E-06	2.23E-06	2.02E-06	9.23E-07	8.70E-07	4.16E-08	1.01E-06	2.22E-07	3.03E-07	4.80E-07	8.47E-08	4.57E-07	2.59E-06
4130	483863.1	3855377.3	2.33E-02	2.39E-02	2.25E-02	8.07E-06	2.44E-05	1.41E-05	1.44E-05	1.31E-05	5.97E-06	5.64E-06	2.69E-07	6.51E-06	1.44E-06	1.96E-06	3.11E-06	5.48E-07	2.96E-06	1.68E-05
4131	484363.1	3855377.3	4.64E-03	4.76E-03	4.49E-03	1.61E-06	4.85E-06	2.81E-06	2.88E-06	2.61E-06	1.19E-06	1.12E-06	5.37E-08	1.30E-06	2.86E-07	3.91E-07	6.20E-07	1.09E-07	5.89E-07	3.35E-06
4132	484863.1	3855377.3	2.79E-03	2.86E-03	2.70E-03	9.66E-07	2.92E-06	1.69E-06	1.73E-06	1.57E-06	7.15E-07	6.75E-07	3.23E-08	7.79E-07	1.72E-07	2.35E-07	3.73E-07	6.57E-08	3.54E-07	2.01E-06
4133	485363.1	3855377.3	2.00E-03	2.05E-03	1.93E-03	6.91E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.12E-07	4.83E-07	2.31E-08	5.58E-07	1.23E-07	1.68E-07	2.67E-07	4.70E-08	2.53E-07	1.44E-06
4134	485863.1	3855377.3	1.59E-03	1.63E-03	1.54E-03	5.50E-07	1.66E-06	9.62E-07	9.85E-07	8.93E-07	4.07E-07	3.84E-07	1.84E-08	4.44E-07	9.79E-08	1.34E-07	2.12E-07	3.74E-08	2.02E-07	1.15E-06
4135	486363.1	3855377.3	1.31E-03	1.34E-03	1.27E-03	4.54E-07	1.37E-06	7.94E-07	8.13E-07	7.37E-07	3.36E-07	3.17E-07	1.52E-08	3.66E-07	8.08E-08	1.10E-07	1.75E-07	3.09E-08	1.66E-07	9.45E-07
4136	486863.1	3855377.3	1.14E-03	1.16E-03	1.10E-03	3.93E-07	1.19E-06	6.88E-07	7.04E-07	6.38E-07	2.91E-07	2.75E-07	1.31E-08	3.17E-07	7.00E-08	9.56E-08	1.52E-07	2.67E-08	1.44E-07	8.19E-07
4137	487363.1	3855377.3	1.07E-03	1.10E-03	1.04E-03	3.72E-07	1.12E-06	6.50E-07	6.66E-07	6.04E-07	2.75E-07	2.60E-07	1.24E-08	3.00E-07	6.62E-08	9.04E-08	1.43E-07	2.53E-08	1.36E-07	7.74E-07

4138	487863.1	3855377.3	1.01E-03	1.04E-03	9.78E-04	3.50E-07	1.06E-06	6.13E-07	6.27E-07	5.69E-07	2.60E-07	2.45E-07	1.17E-08	2.83E-07	6.24E-08	8.52E-08	1.35E-07	2.38E-08	1.28E-07	7.29E-07
4139	488363.1	3855377.3	9.59E-04	9.83E-04	9.27E-04	3.32E-07	1.00E-06	5.80E-07	5.95E-07	5.39E-07	2.46E-07	2.32E-07	1.11E-08	2.68E-07	5.91E-08	8.07E-08	1.28E-07	2.26E-08	1.22E-07	6.91E-07
4140	488863.1	3855377.3	9.19E-04	9.42E-04	8.88E-04	3.18E-07	9.61E-07	5.56E-07	5.70E-07	5.17E-07	2.36E-07	2.22E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.16E-08	1.17E-07	6.62E-07
4141	489363.1	3855377.3	8.83E-04	9.04E-04	8.53E-04	3.06E-07	9.22E-07	5.34E-07	5.47E-07	4.96E-07	2.26E-07	2.13E-07	1.02E-08	2.46E-07	5.44E-08	7.43E-08	1.18E-07	2.08E-08	1.12E-07	6.36E-07
4142	489863.1	3855377.3	8.40E-04	8.60E-04	8.11E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.15E-07	2.03E-07	9.71E-09	2.34E-07	5.17E-08	7.07E-08	1.12E-07	1.98E-08	1.07E-07	6.05E-07
4143	490363.1	3855377.3	8.26E-04	8.47E-04	7.98E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.12E-07	2.00E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.94E-08	1.05E-07	5.95E-07
4144	490863.1	3855377.3	6.58E-04	6.74E-04	6.36E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.69E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.55E-08	8.35E-08	4.74E-07
4145	491363.1	3855377.3	6.11E-04	6.26E-04	5.90E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.57E-07	1.48E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.16E-08	1.44E-08	7.75E-08	4.40E-07
4146	491863.1	3855377.3	7.26E-04	7.44E-04	7.02E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.86E-07	1.76E-07	8.39E-09	2.03E-07	4.47E-08	6.11E-08	9.69E-08	1.71E-08	9.21E-08	5.23E-07
4147	492363.1	3855377.3	7.16E-04	7.33E-04	6.92E-04	2.48E-07	7.48E-07	4.33E-07	4.44E-07	4.02E-07	1.83E-07	1.73E-07	8.27E-09	2.00E-07	4.41E-08	6.02E-08	9.55E-08	1.68E-08	9.08E-08	5.16E-07
4148	492863.1	3855377.3	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
4149	493363.1	3855377.3	6.38E-04	6.53E-04	6.16E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.63E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.51E-08	1.50E-08	8.09E-08	4.59E-07
4150	493863.1	3855377.3	5.67E-04	5.80E-04	5.48E-04	1.96E-07	5.92E-07	3.43E-07	3.51E-07	3.18E-07	1.45E-07	1.37E-07	6.55E-09	1.58E-07	3.49E-08	4.77E-08	7.56E-08	1.33E-08	7.19E-08	4.08E-07
4151	494363.1	3855377.3	4.96E-04	5.08E-04	4.79E-04	1.72E-07	5.18E-07	3.00E-07	3.07E-07	2.79E-07	1.27E-07	1.20E-07	5.73E-09	1.38E-07	3.06E-08	4.17E-08	6.62E-08	1.17E-08	6.29E-08	3.57E-07
4152	494863.1	3855377.3	4.35E-04	4.46E-04	4.21E-04	1.51E-07	4.55E-07	2.63E-07	2.70E-07	2.45E-07	1.12E-07	1.05E-07	5.03E-09	1.22E-07	2.68E-08	3.66E-08	5.81E-08	1.02E-08	5.52E-08	3.14E-07
4153	495363.1	3855377.3	3.94E-04	4.04E-04	3.81E-04	1.36E-07	4.12E-07	2.38E-07	2.44E-07	2.21E-07	1.01E-07	9.53E-08	4.56E-09	1.10E-07	2.43E-08	3.32E-08	5.26E-08	9.27E-09	5.00E-08	2.84E-07
4154	495863.1	3855377.3	3.65E-04	3.73E-04	3.52E-04	1.26E-07	3.81E-07	2.21E-07	2.26E-07	2.05E-07	9.34E-08	8.81E-08	4.21E-09	1.02E-07	2.25E-08	3.07E-08	4.87E-08	8.58E-09	4.63E-08	2.63E-07
4155	496363.1	3855377.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
4156	496863.1	3855377.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
4157	497363.1	3855377.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
4158	497863.1	3855377.3	3.60E-04	3.69E-04	3.48E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.23E-08	8.71E-08	4.16E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.47E-09	4.57E-08	2.59E-07
4159	498363.1	3855377.3	3.67E-04	3.76E-04	3.55E-04	1.27E-07	3.84E-07	2.22E-07	2.28E-07	2.06E-07	9.42E-08	8.89E-08	4.25E-09	1.03E-07	2.26E-08	3.09E-08	4.91E-08	8.65E-09	4.66E-08	2.65E-07
4160	471363.1	3855877.3	2.04E-04	2.09E-04	1.97E-04	7.05E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.22E-08	4.92E-08	2.35E-09	5.69E-08	1.25E-08	1.71E-08	2.72E-08	4.79E-09	2.58E-08	1.47E-07
4161	471863.1	3855877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4162	472363.1	3855877.3	2.17E-04	2.22E-04	2.10E-04	7.51E-08	2.27E-07	1.31E-07	1.34E-07	1.22E-07	5.56E-08	5.25E-08	2.51E-09	6.06E-08	1.34E-08	1.83E-08	2.90E-08	5.10E-09	2.75E-08	1.56E-07
4163	472863.1	3855877.3	2.18E-04	2.24E-04	2.11E-04	7.56E-08	2.28E-07	1.32E-07	1.35E-07	1.23E-07	5.60E-08	5.28E-08	2.52E-09	6.10E-08	1.35E-08	1.84E-08	2.92E-08	5.14E-09	2.77E-08	1.57E-07
4164	473363.1	3855877.3	2.29E-04	2.34E-04	2.21E-04	7.92E-08	2.39E-07	1.38E-07	1.42E-07	1.29E-07	5.86E-08	5.53E-08	2.64E-09	6.39E-08	1.41E-08	1.92E-08	3.05E-08	5.38E-09	2.90E-08	1.65E-07
4165	473863.1	3855877.3	2.38E-04	2.43E-04	2.30E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.09E-08	5.75E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.59E-09	3.02E-08	1.71E-07
4166	474363.1	3855877.3	2.44E-04	2.49E-04	2.35E-04	8.43E-08	2.55E-07	1.47E-07	1.51E-07	1.37E-07	6.24E-08	5.89E-08	2.81E-09	6.80E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.09E-08	1.75E-07
4167	474863.1	3855877.3	2.23E-04	2.28E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.39E-08	2.58E-09	6.22E-08	1.37E-08	1.88E-08	2.97E-08	5.24E-09	2.83E-08	1.61E-07
4168	475363.1	3855877.3	1.95E-04	2.00E-04	1.88E-04	6.74E-08	2.04E-07	1.18E-07	1.21E-07	1.09E-07	4.99E-08	4.71E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.58E-09	2.47E-08	1.40E-07
4169	475863.1	3855877.3	1.62E-04	1.66E-04	1.57E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.16E-08	3.93E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
4170	476363.1	3855877.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4171	476863.1	3855877.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
4172	477363.1	3855877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4173	477863.1	3855877.3	2.24E-04	2.30E-04	2.17E-04	7.77E-08	2.34E-07	1.36E-07	1.39E-07	1.26E-07	5.75E-08	5.42E-08	2.59E-09	6.26E-08	1.38E-08	1.89E-08	2.99E-08	5.28E-09	2.85E-08	1.62E-07
4174	478363.1	3855877.3	2.48E-04	2.54E-04	2.40E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.00E-08	2.87E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
4175	478863.1	3855877.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
4176	479363.1	3855877.3	3.08E-04	3.16E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.91E-08	7.46E-08	3.57E-09	8.61E-08	1.90E-08	2.60E-08	4.12E-08	7.26E-09	3.91E-08	2.22E-07
4177	479863.1	3855877.3	3.42E-04	3.51E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	8.05E-09	4.34E-08	2.47E-07
4178	480363.1	3855877.3	3.93E-04	4.02E-04	3.79E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	1.01E-07	9.49E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.24E-09	4.98E-08	2.83E-07
4179	480863.1	3855877.3	4.63E-04	4.75E-04	4.48E-04	1.60E-07	4.84E-07	2.80E-07	2.87E-07	2.60E-07	1.19E-07	1.12E-07	5.36E-09	1.29E-07	2.86E-08	3.90E-08	6.19E-08	1.09E-08	5.88E-08	3.34E-07
4180	481363.1	3855877.3	5.00E-04	5.12E-04	4.83E-04	1.73E-07	5.23E-07	3.03E-07	3.10E-07	2.81E-07	1.28E-07	1.21E-07	5.78E-09	1.40E-07	3.08E-08	4.21E-08	6.68E-08	1.18E-08	6.35E-08	3.60E-07
4181	481863.1	3855877.3	7.13E-04	7.30E-04	6.89E-04	2.47E-07	7.45E-07	4.31E-07	4.42E-07	4.00E-07	1.83E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	6.00E-08	9.52E-08	1.68E-08	9.05E-08	5.14E-07
4182	482363.1	3855877.3	8.71E-04	8.92E-04	8.41E-04	3.01E-07	9.10E-07	5.27E-07	5.40E-07	4.89E-07	2.23E-07	2.11E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.05E-08	1.10E-07	6.27E-07
4183	482863.1	3855877.3	1.10E-03	1.13E-03	1.06E-03	3.81E-07	1.15E-06	6.65E-07	6.81E-07	6.18E-07	2.82E-07	2.66E-07	1.27E-08	3.07E-07	6.77E-08	9.25E-08	1.47E-07	2.59E-08	1.40E-07	7.92E-07
4184	483363.1	3855877.3	1.57E-03	1.61E-03	1.51E-03	5.43E-07	1.64E-06	9.48E-07	9.71E-07	8.81E-07	4.02E-07	3.79E-07	1.81E-08	4.38E-07	9.66E-08	1.32E-07	2.09E-07	3.69E-08	1.99E-07	1.13E-06
4185	483863.1	3855877.3	3.24E-03	3.31E-03	3.13E-03	1.12E-06	3.38E-06	1.96E-06	2.00E-06	1.82E-06	8.29E-07	7.82E-07	3.74E-08	9.03E-07	1.99E-07	2.72E-07	4.32E-07	7.61E-08	4.11E-07	2.33E-06
4186	484363.1	3855877.3	3.77E-02	3.86E-02	3.64E-02	1.31E-05	3.94E-05	2.28E-05	2.34E-05	2.12E-05	9.66E-06	9.12E-06	4.36E-07	1.05E-05	2.32E-06	3.17E-06	5.03E-06	8.87E-07	4.78E-06	2.72E-05
4187	484863.1	3855877.3	5.91E-03	6.05E-03	5.71E-03	2.05E-06	6.18E-06	3.58E-06	3.66E-06	3.32E-06	1.52E-06	1.43E-06	6.83E-08	1.65E-06	3.64E-07	4.97E-07	7.89E-07	1.39E-07	7.50E-07	4.26E-06
4188	485363.1	3855877.3	3.28E-03	3.36E-03	3.17E-03	1.13E-06	3.42E-06	1.98E-06	2.03E-06	1.84E-06	8.40E-07	7.92E-07	3.79E-08	9.15E-07	2.02E-07	2.76E-07	4.37E-07	7.71E-08	4.16E-07	2.36E-06
4189	485863.1	3855877.3	2.25E-03	2.30E-03	2.17E-03	7.79E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.77E-07	5.44E-07	2.60E-08	6.28E-07	1.39E-07	1.89E-07	3.00E-07	5.29E-08	2.85E-07	1.62E-06
4190	486363.1	3855877.3	1.69E-03	1.73E-03	1.63E-03	5.84E-07	1.76E-06	1.02E-06	1.05E-06	9.49E-07	4.33E-07	4.08E-07	1.95E-08	4.71E-07	1.04E-07	1.42E-07	2.25E-07	3.97E-08	2.14E-07	1.22E-06
4191	486863.1	3855877.3	1.42E-03	1.45E-03	1.37E-03	4.90E-07	1.48E-06	8.57E-07	8.78E-07	7.96E-07	3.63E-07	3.43E-07	1.64E-08	3.96E-07	8.73E-08	1.19E-07	1.89E-07	3.33E-08	1.80E-07	1.02E-06
4192	487363.1	3855877.3	1.31E-03	1.34E-03	1.27E-03	4.54E-07	1.37E-06	7.93E-07	8.12E-07	7.36E-07	3.36E-07	3.17E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.44E-07
4193	487863.1	3855877.3	1.23E-03	1.26E-03	1.19E-03	4.26E-07	1.28E-06	7.44E-07	7.62E-07	6.91E-07	3.15E-07	2.97E-07	1.42E-08	3.43E-07	7.57E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.86E-07

4194	488363.1	3855877.3	1.15E-03	1.17E-03	1.11E-03	3.96E-07	1.20E-06	6.93E-07	7.10E-07	6.43E-07	2.94E-07	2.77E-07	1.32E-08	3.20E-07	7.06E-08	9.64E-08	1.53E-07	2.69E-08	1.45E-07	8.25E-07
4195	488863.1	3855877.3	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.75E-07	2.59E-07	1.24E-08	3.00E-07	6.61E-08	9.03E-08	1.43E-07	2.52E-08	1.36E-07	7.73E-07
4196	489363.1	3855877.3	1.01E-03	1.03E-03	9.72E-04	3.48E-07	1.05E-06	6.09E-07	6.24E-07	5.65E-07	2.58E-07	2.43E-07	1.16E-08	2.81E-07	6.20E-08	8.47E-08	1.34E-07	2.37E-08	1.28E-07	7.25E-07
4197	489863.1	3855877.3	9.52E-04	9.75E-04	9.20E-04	3.30E-07	9.95E-07	5.76E-07	5.90E-07	5.35E-07	2.44E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.24E-08	1.21E-07	6.86E-07
4198	490363.1	3855877.3	9.12E-04	9.34E-04	8.81E-04	3.16E-07	9.53E-07	5.52E-07	5.65E-07	5.12E-07	2.34E-07	2.21E-07	1.05E-08	2.55E-07	5.62E-08	7.67E-08	1.22E-07	2.15E-08	1.16E-07	6.57E-07
4199	490863.1	3855877.3	8.56E-04	8.77E-04	8.27E-04	2.96E-07	8.95E-07	5.18E-07	5.30E-07	4.81E-07	2.19E-07	2.07E-07	9.89E-09	2.39E-07	5.27E-08	7.20E-08	1.14E-07	2.01E-08	1.09E-07	6.17E-07
4200	491363.1	3855877.3	7.69E-04	7.88E-04	7.43E-04	2.66E-07	8.04E-07	4.65E-07	4.77E-07	4.32E-07	1.97E-07	1.86E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.81E-08	9.76E-08	5.54E-07
4201	491863.1	3855877.3	7.97E-04	8.16E-04	7.70E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.48E-07	2.04E-07	1.93E-07	9.21E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.87E-08	1.01E-07	5.74E-07
4202	492363.1	3855877.3	7.54E-04	7.72E-04	7.29E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.93E-07	1.82E-07	8.72E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.77E-08	9.57E-08	5.43E-07
4203	492863.1	3855877.3	7.17E-04	7.35E-04	6.93E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.84E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.69E-08	9.10E-08	5.17E-07
4204	493363.1	3855877.3	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
4205	493863.1	3855877.3	5.37E-04	5.50E-04	5.19E-04	1.86E-07	5.62E-07	3.25E-07	3.33E-07	3.02E-07	1.38E-07	1.30E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.17E-08	1.26E-08	6.82E-08	3.87E-07
4206	494363.1	3855877.3	4.65E-04	4.76E-04	4.49E-04	1.61E-07	4.86E-07	2.81E-07	2.88E-07	2.61E-07	1.19E-07	1.12E-07	5.37E-09	1.30E-07	2.86E-08	3.91E-08	6.21E-08	1.09E-08	5.90E-08	3.35E-07
4207	494863.1	3855877.3	4.18E-04	4.28E-04	4.04E-04	1.45E-07	4.37E-07	2.53E-07	2.59E-07	2.35E-07	1.07E-07	1.01E-07	4.83E-09	1.17E-07	2.57E-08	3.51E-08	5.58E-08	9.83E-09	5.30E-08	3.01E-07
4208	495363.1	3855877.3	3.69E-04	3.78E-04	3.56E-04	1.28E-07	3.86E-07	2.23E-07	2.29E-07	2.07E-07	9.46E-08	8.92E-08	4.27E-09	1.03E-07	2.27E-08	3.10E-08	4.92E-08	8.68E-09	4.68E-08	2.66E-07
4209	495863.1	3855877.3	3.63E-04	3.72E-04	3.51E-04	1.26E-07	3.79E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.78E-08	4.20E-09	1.01E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.61E-08	2.62E-07
4210	496363.1	3855877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
4211	496863.1	3855877.3	3.62E-04	3.70E-04	3.49E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.27E-08	8.74E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.51E-09	4.59E-08	2.61E-07
4212	497363.1	3855877.3	3.66E-04	3.75E-04	3.54E-04	1.27E-07	3.83E-07	2.21E-07	2.27E-07	2.06E-07	9.38E-08	8.85E-08	4.23E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.61E-09	4.64E-08	2.64E-07
4213	497863.1	3855877.3	3.75E-04	3.84E-04	3.62E-04	1.30E-07	3.92E-07	2.27E-07	2.32E-07	2.11E-07	9.61E-08	9.06E-08	4.33E-09	1.05E-07	2.31E-08	3.15E-08	5.00E-08	8.82E-09	4.76E-08	2.70E-07
4214	498363.1	3855877.3	3.93E-04	4.02E-04	3.79E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	1.01E-07	9.49E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.24E-09	4.98E-08	2.83E-07
4215	471363.1	3856377.3	1.95E-04	2.00E-04	1.88E-04	6.74E-08	2.04E-07	1.18E-07	1.21E-07	1.09E-07	4.99E-08	4.71E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.58E-09	2.47E-08	1.40E-07
4216	471863.1	3856377.3	1.99E-04	2.04E-04	1.92E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	5.11E-08	4.82E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.53E-08	1.44E-07
4217	472363.1	3856377.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4218	472863.1	3856377.3	2.15E-04	2.21E-04	2.08E-04	7.46E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.52E-08	5.21E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.88E-08	5.07E-09	2.73E-08	1.55E-07
4219	473363.1	3856377.3	2.23E-04	2.28E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.39E-08	2.58E-09	6.22E-08	1.37E-08	1.88E-08	2.97E-08	5.24E-09	2.83E-08	1.61E-07
4220	473863.1	3856377.3	2.35E-04	2.40E-04	2.27E-04	8.12E-08	2.45E-07	1.42E-07	1.45E-07	1.32E-07	6.02E-08	5.67E-08	2.71E-09	6.55E-08	1.45E-08	1.97E-08	3.13E-08	5.52E-09	2.98E-08	1.69E-07
4221	474363.1	3856377.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
4222	474863.1	3856377.3	2.26E-04	2.31E-04	2.18E-04	7.82E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.46E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.87E-08	1.63E-07
4223	475363.1	3856377.3	2.10E-04	2.15E-04	2.02E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.37E-08	5.07E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.80E-08	4.93E-09	2.66E-08	1.51E-07
4224	475863.1	3856377.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
4225	476363.1	3856377.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
4226	476863.1	3856377.3	1.96E-04	2.01E-04	1.90E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	5.03E-08	4.75E-08	2.27E-09	5.48E-08	1.21E-08	1.65E-08	2.62E-08	4.62E-09	2.49E-08	1.41E-07
4227	477363.1	3856377.3	2.07E-04	2.12E-04	2.00E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.30E-08	5.00E-08	2.39E-09	5.77E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.62E-08	1.49E-07
4228	477863.1	3856377.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
4229	478363.1	3856377.3	2.05E-04	2.10E-04	1.98E-04	7.10E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.26E-08	4.96E-08	2.37E-09	5.73E-08	1.26E-08	1.73E-08	2.74E-08	4.83E-09	2.60E-08	1.48E-07
4230	478863.1	3856377.3	2.48E-04	2.54E-04	2.40E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.00E-08	2.87E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
4231	479363.1	3856377.3	2.73E-04	2.80E-04	2.64E-04	9.45E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	7.00E-08	6.60E-08	3.16E-09	7.62E-08	1.68E-08	2.30E-08	3.64E-08	6.42E-09	3.46E-08	1.97E-07
4232	479863.1	3856377.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
4233	480363.1	3856377.3	3.76E-04	3.85E-04	3.64E-04	1.30E-07	3.93E-07	2.28E-07	2.33E-07	2.11E-07	9.65E-08	9.10E-08	4.35E-09	1.05E-07	2.32E-08	3.17E-08	5.02E-08	8.85E-09	4.78E-08	2.71E-07
4234	480863.1	3856377.3	4.37E-04	4.47E-04	4.22E-04	1.51E-07	4.57E-07	2.64E-07	2.71E-07	2.45E-07	1.12E-07	1.06E-07	5.05E-09	1.22E-07	2.69E-08	3.68E-08	5.83E-08	1.03E-08	5.54E-08	3.15E-07
4235	481363.1	3856377.3	5.21E-04	5.34E-04	5.03E-04	1.80E-07	5.45E-07	3.15E-07	3.23E-07	2.93E-07	1.34E-07	1.26E-07	6.02E-09	1.45E-07	3.21E-08	4.38E-08	6.95E-08	1.23E-08	6.61E-08	3.75E-07
4236	481863.1	3856377.3	6.36E-04	6.52E-04	6.15E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.63E-07	1.54E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.50E-08	8.07E-08	4.58E-07
4237	482363.1	3856377.3	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07
4238	482863.1	3856377.3	8.71E-04	8.92E-04	8.41E-04	3.01E-07	9.10E-07	5.27E-07	5.40E-07	4.89E-07	2.23E-07	2.11E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.05E-08	1.10E-07	6.27E-07
4239	483363.1	3856377.3	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.48E-07	6.64E-07	6.02E-07	2.75E-07	2.59E-07	1.24E-08	2.99E-07	6.60E-08	9.02E-08	1.43E-07	2.52E-08	1.36E-07	7.72E-07
4240	483863.1	3856377.3	1.49E-03	1.52E-03	1.44E-03	5.14E-07	1.55E-06	8.99E-07	9.21E-07	8.35E-07	3.81E-07	3.59E-07	1.72E-08	4.15E-07	9.16E-08	1.25E-07	1.98E-07	3.50E-08	1.89E-07	1.07E-06
4241	484363.1	3856377.3	2.73E-03	2.80E-03	2.64E-03	9.46E-07	2.86E-06	1.65E-06	1.69E-06	1.53E-06	7.00E-07	6.61E-07	3.16E-08	7.63E-07	1.68E-07	2.30E-07	3.65E-07	6.43E-08	3.47E-07	1.97E-06
4242	484863.1	3856377.3	2.81E-02	2.88E-02	2.71E-02	9.72E-06	2.93E-05	1.70E-05	1.74E-05	1.58E-05	7.20E-06	6.79E-06	3.25E-07	7.84E-06	1.73E-06	2.36E-06	3.75E-06	6.60E-07	3.56E-06	2.02E-05
4243	485363.1	3856377.3	7.84E-03	8.03E-03	7.58E-03	2.72E-06	8.20E-06	4.75E-06	4.86E-06	4.41E-06	2.01E-06	1.90E-06	9.07E-08	2.19E-06	4.83E-07	6.60E-07	1.05E-06	1.85E-07	9.95E-07	5.65E-06
4244	485863.1	3856377.3	3.76E-03	3.85E-03	3.63E-03	1.30E-06	3.93E-06	2.28E-06	2.33E-06	2.11E-06	9.64E-07	9.10E-07	4.35E-08	1.05E-06	2.32E-07	3.17E-07	5.02E-07	8.85E-08	4.77E-07	2.71E-06
4245	486363.1	3856377.3	2.29E-03	2.35E-03	2.22E-03	7.94E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.88E-07	5.55E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.40E-08	2.91E-07	1.65E-06
4246	486863.1	3856377.3	1.87E-03	1.92E-03	1.81E-03	6.47E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.79E-07	4.52E-07	2.16E-08	5.22E-07	1.15E-07	1.57E-07	2.50E-07	4.40E-08	2.37E-07	1.35E-06
4247	487363.1	3856377.3	1.64E-03	1.68E-03	1.59E-03	5.69E-07	1.72E-06	9.94E-07	1.02E-06	9.23E-07	4.21E-07	3.97E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.19E-07	3.86E-08	2.08E-07	1.18E-06
4248	487863.1	3856377.3	1.51E-03	1.54E-03	1.46E-03	5.22E-07	1.58E-06	9.13E-07	9.35E-07	8.47E-07	3.87E-07	3.65E-07	1.74E-08	4.21E-07	9.29E-08	1.27E-07	2.01E-07	3.55E-08	1.91E-07	1.09E-06
4249	488363.1	3856377.3	1.39E-03	1.42E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.59E-07	7.79E-07	3.55E-07	3.35E-07	1.60E-08	3.87E-07	8.54E-08	1.17E-07	1.85E-07	3.26E-08	1.76E-07	9.98E-07

4250	488863.1	3856377.3	1.28E-03	1.31E-03	1.23E-03	4.42E-07	1.34E-06	7.73E-07	7.92E-07	7.18E-07	3.28E-07	3.09E-07	1.48E-08	3.57E-07	7.87E-08	1.08E-07	1.71E-07	3.01E-08	1.62E-07	9.21E-07
4251	489363.1	3856377.3	1.19E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.66E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.30E-08	9.97E-08	1.58E-07	2.79E-08	1.50E-07	8.54E-07
4252	489863.1	3856377.3	1.10E-03	1.13E-03	1.07E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.83E-07	2.67E-07	1.28E-08	3.08E-07	6.80E-08	9.29E-08	1.47E-07	2.60E-08	1.40E-07	7.95E-07
4253	490363.1	3856377.3	1.02E-03	1.05E-03	9.90E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.63E-07	2.48E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.41E-08	1.30E-07	7.38E-07
4254	490863.1	3856377.3	9.53E-04	9.77E-04	9.21E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.44E-07	2.31E-07	1.10E-08	2.66E-07	5.87E-08	8.02E-08	1.27E-07	2.24E-08	1.21E-07	6.87E-07
4255	491363.1	3856377.3	9.02E-04	9.24E-04	8.71E-04	3.12E-07	9.43E-07	5.46E-07	5.59E-07	5.07E-07	2.31E-07	2.18E-07	1.04E-08	2.52E-07	5.56E-08	7.59E-08	1.20E-07	2.12E-08	1.14E-07	6.50E-07
4256	491863.1	3856377.3	8.52E-04	8.72E-04	8.23E-04	2.95E-07	8.90E-07	5.15E-07	5.28E-07	4.78E-07	2.18E-07	2.06E-07	9.84E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	2.00E-08	1.08E-07	6.14E-07
4257	492363.1	3856377.3	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
4258	492863.1	3856377.3	7.04E-04	7.21E-04	6.80E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.80E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.66E-08	8.93E-08	5.07E-07
4259	493363.1	3856377.3	5.74E-04	5.88E-04	5.55E-04	1.99E-07	6.00E-07	3.47E-07	3.56E-07	3.23E-07	1.47E-07	1.39E-07	6.64E-09	1.60E-07	3.54E-08	4.83E-08	7.66E-08	1.35E-08	7.29E-08	4.14E-07
4260	493863.1	3856377.3	5.17E-04	5.29E-04	4.99E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.32E-07	1.25E-07	5.97E-09	1.44E-07	3.18E-08	4.35E-08	6.89E-08	1.22E-08	6.55E-08	3.72E-07
4261	494363.1	3856377.3	4.55E-04	4.66E-04	4.39E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.55E-07	1.17E-07	1.10E-07	5.25E-09	1.27E-07	2.80E-08	3.82E-08	6.07E-08	1.07E-08	5.77E-08	3.27E-07
4262	494863.1	3856377.3	4.07E-04	4.17E-04	3.94E-04	1.41E-07	4.26E-07	2.46E-07	2.52E-07	2.29E-07	1.04E-07	9.85E-08	4.71E-09	1.14E-07	2.51E-08	3.43E-08	5.44E-08	9.58E-09	5.17E-08	2.93E-07
4263	495363.1	3856377.3	3.78E-04	3.87E-04	3.65E-04	1.31E-07	3.95E-07	2.29E-07	2.34E-07	2.12E-07	9.69E-08	9.14E-08	4.37E-09	1.05E-07	2.33E-08	3.18E-08	5.04E-08	8.89E-09	4.79E-08	2.72E-07
4264	495863.1	3856377.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07
4265	496363.1	3856377.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07
4266	496863.1	3856377.3	3.78E-04	3.87E-04	3.65E-04	1.31E-07	3.95E-07	2.29E-07	2.34E-07	2.12E-07	9.69E-08	9.14E-08	4.37E-09	1.05E-07	2.33E-08	3.18E-08	5.04E-08	8.89E-09	4.79E-08	2.72E-07
4267	497363.1	3856377.3	3.87E-04	3.96E-04	3.74E-04	1.34E-07	4.04E-07	2.34E-07	2.40E-07	2.17E-07	9.91E-08	9.35E-08	4.47E-09	1.08E-07	2.38E-08	3.25E-08	5.16E-08	9.10E-09	4.91E-08	2.79E-07
4268	497863.1	3856377.3	3.98E-04	4.08E-04	3.85E-04	1.38E-07	4.16E-07	2.41E-07	2.47E-07	2.24E-07	1.02E-07	9.64E-08	4.61E-09	1.11E-07	2.46E-08	3.35E-08	5.32E-08	9.37E-09	5.06E-08	2.87E-07
4269	498363.1	3856377.3	4.15E-04	4.25E-04	4.01E-04	1.44E-07	4.33E-07	2.51E-07	2.57E-07	2.33E-07	1.06E-07	1.00E-07	4.79E-09	1.16E-07	2.56E-08	3.49E-08	5.54E-08	9.76E-09	5.26E-08	2.99E-07
4270	471363.1	3856877.3	1.89E-04	1.93E-04	1.83E-04	6.54E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.57E-08	2.18E-09	5.27E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.40E-08	1.36E-07
4271	471863.1	3856877.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
4272	472363.1	3856877.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
4273	472863.1	3856877.3	2.04E-04	2.09E-04	1.97E-04	7.05E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.22E-08	4.92E-08	2.35E-09	5.69E-08	1.25E-08	1.71E-08	2.72E-08	4.79E-09	2.58E-08	1.47E-07
4274	473363.1	3856877.3	2.15E-04	2.21E-04	2.08E-04	7.46E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.52E-08	5.21E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.88E-08	5.07E-09	2.73E-08	1.55E-07
4275	473863.1	3856877.3	2.23E-04	2.28E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.39E-08	2.58E-09	6.22E-08	1.37E-08	1.88E-08	2.97E-08	5.24E-09	2.83E-08	1.61E-07
4276	474363.1	3856877.3	2.23E-04	2.28E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.39E-08	2.58E-09	6.22E-08	1.37E-08	1.88E-08	2.97E-08	5.24E-09	2.83E-08	1.61E-07
4277	474863.1	3856877.3	2.17E-04	2.22E-04	2.10E-04	7.51E-08	2.27E-07	1.31E-07	1.34E-07	1.22E-07	5.56E-08	5.25E-08	2.51E-09	6.06E-08	1.34E-08	1.83E-08	2.90E-08	5.10E-09	2.75E-08	1.56E-07
4278	475363.1	3856877.3	2.07E-04	2.12E-04	2.00E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.30E-08	5.00E-08	2.39E-09	5.77E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.62E-08	1.49E-07
4279	475863.1	3856877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4280	476363.1	3856877.3	2.01E-04	2.06E-04	1.94E-04	6.95E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.15E-08	4.85E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.68E-08	4.72E-09	2.55E-08	1.45E-07
4281	476863.1	3856877.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
4282	477363.1	3856877.3	2.01E-04	2.06E-04	1.94E-04	6.95E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.15E-08	4.85E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.68E-08	4.72E-09	2.55E-08	1.45E-07
4283	477863.1	3856877.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
4284	478363.1	3856877.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
4285	478863.1	3856877.3	2.10E-04	2.15E-04	2.02E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.37E-08	5.07E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.80E-08	4.93E-09	2.66E-08	1.51E-07
4286	479363.1	3856877.3	2.30E-04	2.36E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.57E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.92E-08	1.66E-07
4287	479863.1	3856877.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
4288	480363.1	3856877.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
4289	480863.1	3856877.3	4.25E-04	4.35E-04	4.11E-04	1.47E-07	4.44E-07	2.57E-07	2.63E-07	2.39E-07	1.09E-07	1.03E-07	4.91E-09	1.19E-07	2.62E-08	3.58E-08	5.67E-08	1.00E-08	5.39E-08	3.06E-07
4290	481363.1	3856877.3	4.94E-04	5.06E-04	4.78E-04	1.71E-07	5.17E-07	2.99E-07	3.06E-07	2.78E-07	1.27E-07	1.20E-07	5.72E-09	1.38E-07	3.05E-08	4.16E-08	6.60E-08	1.16E-08	6.27E-08	3.56E-07
4291	481863.1	3856877.3	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
4292	482363.1	3856877.3	6.48E-04	6.64E-04	6.26E-04	2.24E-07	6.77E-07	3.92E-07	4.02E-07	3.64E-07	1.66E-07	1.57E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.65E-08	1.52E-08	8.22E-08	4.67E-07
4293	482863.1	3856877.3	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
4294	483363.1	3856877.3	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
4295	483863.1	3856877.3	1.03E-03	1.06E-03	9.97E-04	3.57E-07	1.08E-06	6.24E-07	6.39E-07	5.80E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.36E-08	8.68E-08	1.38E-07	2.43E-08	1.31E-07	7.43E-07
4296	484363.1	3856877.3	1.41E-03	1.44E-03	1.36E-03	4.87E-07	1.47E-06	8.52E-07	8.73E-07	7.91E-07	3.61E-07	3.40E-07	1.63E-08	3.93E-07	8.68E-08	1.18E-07	1.88E-07	3.31E-08	1.79E-07	1.01E-06
4297	484863.1	3856877.3	2.27E-03	2.33E-03	2.20E-03	7.87E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.83E-07	5.50E-07	2.63E-08	6.35E-07	1.40E-07	1.91E-07	3.03E-07	5.35E-08	2.88E-07	1.64E-06
4298	485363.1	3856877.3	8.50E-03	8.71E-03	8.21E-03	2.94E-06	8.88E-06	5.14E-06	5.27E-06	4.77E-06	2.18E-06	2.06E-06	9.82E-08	2.37E-06	5.24E-07	7.15E-07	1.13E-06	2.00E-07	1.08E-06	6.12E-06
4299	485863.1	3856877.3	1.11E-02	1.14E-02	1.07E-02	3.84E-06	1.16E-05	6.71E-06	6.87E-06	6.23E-06	2.84E-06	2.68E-06	1.28E-07	3.09E-06	6.83E-07	9.32E-07	1.48E-06	2.61E-07	1.41E-06	7.98E-06
4300	486363.1	3856877.3	3.64E-03	3.73E-03	3.52E-03	1.26E-06	3.81E-06	2.20E-06	2.26E-06	2.05E-06	9.33E-07	8.80E-07	4.21E-08	1.02E-06	2.24E-07	3.06E-07	4.86E-07	8.57E-08	4.62E-07	2.62E-06
4301	486863.1	3856877.3	2.63E-03	2.69E-03	2.54E-03	9.10E-07	2.75E-06	1.59E-06	1.63E-06	1.48E-06	6.74E-07	6.36E-07	3.04E-08	7.34E-07	1.62E-07	2.21E-07	3.51E-07	6.18E-08	3.34E-07	1.89E-06
4302	487363.1	3856877.3	2.18E-03	2.24E-03	2.11E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.60E-07	5.28E-07	2.52E-08	6.10E-07	1.35E-07	1.84E-07	2.92E-07	5.14E-08	2.77E-07	1.57E-06
4303	487863.1	3856877.3	1.90E-03	1.95E-03	1.84E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.87E-07	4.59E-07	2.20E-08	5.30E-07	1.17E-07	1.60E-07	2.54E-07	4.47E-08	2.41E-07	1.37E-06
4304	488363.1	3856877.3	1.71E-03	1.75E-03	1.65E-03	5.92E-07	1.79E-06	1.03E-06	1.06E-06	9.61E-07	4.38E-07	4.14E-07	1.98E-08	4.78E-07	1.05E-07	1.44E-07	2.28E-07	4.02E-08	2.17E-07	1.23E-06
4305	488863.1	3856877.3	1.54E-03	1.58E-03	1.49E-03	5.34E-07	1.61E-06	9.34E-07	9.57E-07	8.67E-07	3.96E-07	3.73E-07	1.78E-08	4.31E-07	9.51E-08	1.30E-07	2.06E-07	3.63E-08	1.96E-07	1.11E-06

4306	489363.1	3856877.3	1.41E-03	1.45E-03	1.37E-03	4.89E-07	1.48E-06	8.55E-07	8.76E-07	7.94E-07	3.62E-07	3.42E-07	1.63E-08	3.95E-07	8.71E-08	1.19E-07	1.89E-07	3.33E-08	1.79E-07	1.02E-06
4307	489863.1	3856877.3	1.29E-03	1.33E-03	1.25E-03	4.48E-07	1.35E-06	7.83E-07	8.02E-07	7.27E-07	3.32E-07	3.13E-07	1.50E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	3.04E-08	1.64E-07	9.32E-07
4308	490363.1	3856877.3	1.18E-03	1.21E-03	1.14E-03	4.08E-07	1.23E-06	7.14E-07	7.31E-07	6.62E-07	3.02E-07	2.85E-07	1.36E-08	3.29E-07	7.27E-08	9.92E-08	1.57E-07	2.77E-08	1.50E-07	8.50E-07
4309	490863.1	3856877.3	1.08E-03	1.11E-03	1.05E-03	3.76E-07	1.13E-06	6.56E-07	6.72E-07	6.09E-07	2.78E-07	2.62E-07	1.25E-08	3.03E-07	6.68E-08	9.13E-08	1.45E-07	2.55E-08	1.38E-07	7.82E-07
4310	491363.1	3856877.3	1.00E-03	1.03E-03	9.70E-04	3.47E-07	1.05E-06	6.07E-07	6.22E-07	5.64E-07	2.57E-07	2.43E-07	1.16E-08	2.80E-07	6.18E-08	8.44E-08	1.34E-07	2.36E-08	1.27E-07	7.23E-07
4311	491863.1	3856877.3	9.27E-04	9.49E-04	8.95E-04	3.21E-07	9.69E-07	5.61E-07	5.74E-07	5.21E-07	2.38E-07	2.24E-07	1.07E-08	2.59E-07	5.71E-08	7.80E-08	1.24E-07	2.18E-08	1.18E-07	6.68E-07
4312	492363.1	3856877.3	7.87E-04	8.06E-04	7.60E-04	2.72E-07	8.22E-07	4.76E-07	4.88E-07	4.42E-07	2.02E-07	1.90E-07	9.09E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.85E-08	9.98E-08	5.67E-07
4313	492863.1	3856877.3	6.89E-04	7.06E-04	6.66E-04	2.39E-07	7.20E-07	4.17E-07	4.27E-07	3.87E-07	1.77E-07	1.67E-07	7.97E-09	1.92E-07	4.25E-08	5.80E-08	9.20E-08	1.62E-08	8.75E-08	4.97E-07
4314	493363.1	3856877.3	5.99E-04	6.14E-04	5.79E-04	2.07E-07	6.26E-07	3.63E-07	3.71E-07	3.37E-07	1.54E-07	1.45E-07	6.93E-09	1.67E-07	3.69E-08	5.04E-08	8.00E-08	1.41E-08	7.60E-08	4.32E-07
4315	493863.1	3856877.3	5.14E-04	5.26E-04	4.96E-04	1.78E-07	5.37E-07	3.11E-07	3.18E-07	2.89E-07	1.32E-07	1.24E-07	5.94E-09	1.43E-07	3.16E-08	4.32E-08	6.86E-08	1.21E-08	6.52E-08	3.70E-07
4316	494363.1	3856877.3	4.53E-04	4.64E-04	4.38E-04	1.57E-07	4.74E-07	2.74E-07	2.81E-07	2.55E-07	1.16E-07	1.10E-07	5.24E-09	1.27E-07	2.79E-08	3.81E-08	6.05E-08	1.07E-08	5.75E-08	3.26E-07
4317	494863.1	3856877.3	4.24E-04	4.34E-04	4.09E-04	1.47E-07	4.43E-07	2.56E-07	2.63E-07	2.38E-07	1.09E-07	1.02E-07	4.90E-09	1.18E-07	2.61E-08	3.56E-08	5.65E-08	9.96E-09	5.38E-08	3.05E-07
4318	495363.1	3856877.3	4.06E-04	4.16E-04	3.92E-04	1.40E-07	4.24E-07	2.46E-07	2.52E-07	2.28E-07	1.04E-07	9.81E-08	4.69E-09	1.13E-07	2.50E-08	3.41E-08	5.42E-08	9.55E-09	5.15E-08	2.92E-07
4319	495863.1	3856877.3	4.00E-04	4.10E-04	3.86E-04	1.38E-07	4.18E-07	2.42E-07	2.48E-07	2.25E-07	1.03E-07	9.67E-08	4.62E-09	1.12E-07	2.46E-08	3.37E-08	5.34E-08	9.41E-09	5.08E-08	2.88E-07
4320	496363.1	3856877.3	3.97E-04	4.07E-04	3.84E-04	1.37E-07	4.15E-07	2.40E-07	2.46E-07	2.23E-07	1.02E-07	9.60E-08	4.59E-09	1.11E-07	2.45E-08	3.34E-08	5.30E-08	9.34E-09	5.04E-08	2.86E-07
4321	496863.1	3856877.3	4.01E-04	4.11E-04	3.88E-04	1.39E-07	4.20E-07	2.43E-07	2.49E-07	2.26E-07	1.03E-07	9.71E-08	4.64E-09	1.12E-07	2.47E-08	3.38E-08	5.36E-08	9.44E-09	5.09E-08	2.89E-07
4322	497363.1	3856877.3	4.10E-04	4.20E-04	3.96E-04	1.42E-07	4.29E-07	2.48E-07	2.54E-07	2.30E-07	1.05E-07	9.92E-08	4.74E-09	1.15E-07	2.53E-08	3.45E-08	5.48E-08	9.65E-09	5.21E-08	2.96E-07
4323	497863.1	3856877.3	4.29E-04	4.40E-04	4.15E-04	1.49E-07	4.49E-07	2.60E-07	2.66E-07	2.41E-07	1.10E-07	1.04E-07	4.96E-09	1.20E-07	2.65E-08	3.61E-08	5.73E-08	1.01E-08	5.45E-08	3.09E-07
4324	498363.1	3856877.3	4.52E-04	4.63E-04	4.36E-04	1.56E-07	4.72E-07	2.73E-07	2.80E-07	2.54E-07	1.16E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.80E-08	6.03E-08	1.06E-08	5.73E-08	3.25E-07
4325	471363.1	3857377.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
4326	471863.1	3857377.3	1.87E-04	1.92E-04	1.81E-04	6.49E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.53E-08	2.17E-09	5.23E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.38E-08	1.35E-07
4327	472363.1	3857377.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
4328	472863.1	3857377.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
4329	473363.1	3857377.3	2.05E-04	2.10E-04	1.98E-04	7.10E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.26E-08	4.96E-08	2.37E-09	5.73E-08	1.26E-08	1.73E-08	2.74E-08	4.83E-09	2.60E-08	1.48E-07
4330	473863.1	3857377.3	2.15E-04	2.21E-04	2.08E-04	7.46E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.52E-08	5.21E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.88E-08	5.07E-09	2.73E-08	1.55E-07
4331	474363.1	3857377.3	2.10E-04	2.15E-04	2.02E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.37E-08	5.07E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.80E-08	4.93E-09	2.66E-08	1.51E-07
4332	474863.1	3857377.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
4333	475363.1	3857377.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
4334	475863.1	3857377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4335	476363.1	3857377.3	1.87E-04	1.92E-04	1.81E-04	6.49E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.53E-08	2.17E-09	5.23E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.38E-08	1.35E-07
4336	476863.1	3857377.3	1.95E-04	2.00E-04	1.88E-04	6.74E-08	2.04E-07	1.18E-07	1.21E-07	1.09E-07	4.99E-08	4.71E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.58E-09	2.47E-08	1.40E-07
4337	477363.1	3857377.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
4338	477863.1	3857377.3	1.87E-04	1.92E-04	1.81E-04	6.49E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.53E-08	2.17E-09	5.23E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.38E-08	1.35E-07
4339	478363.1	3857377.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
4340	478863.1	3857377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4341	479363.1	3857377.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4342	479863.1	3857377.3	2.66E-04	2.72E-04	2.57E-04	9.20E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.81E-08	6.42E-08	3.07E-09	7.42E-08	1.64E-08	2.24E-08	3.55E-08	6.25E-09	3.37E-08	1.91E-07
4343	480363.1	3857377.3	2.61E-04	2.68E-04	2.52E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.70E-08	6.32E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.15E-09	3.31E-08	1.88E-07
4344	480863.1	3857377.3	3.98E-04	4.08E-04	3.85E-04	1.38E-07	4.16E-07	2.41E-07	2.47E-07	2.24E-07	1.02E-07	9.64E-08	4.61E-09	1.11E-07	2.46E-08	3.35E-08	5.32E-08	9.37E-09	5.06E-08	2.87E-07
4345	481363.1	3857377.3	4.16E-04	4.26E-04	4.02E-04	1.44E-07	4.35E-07	2.52E-07	2.58E-07	2.34E-07	1.07E-07	1.01E-07	4.81E-09	1.16E-07	2.56E-08	3.50E-08	5.56E-08	9.79E-09	5.28E-08	3.00E-07
4346	481863.1	3857377.3	4.77E-04	4.88E-04	4.61E-04	1.65E-07	4.98E-07	2.88E-07	2.95E-07	2.68E-07	1.22E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	4.01E-08	6.36E-08	1.12E-08	6.05E-08	3.43E-07
4347	482363.1	3857377.3	5.71E-04	5.85E-04	5.52E-04	1.98E-07	5.97E-07	3.46E-07	3.54E-07	3.21E-07	1.46E-07	1.38E-07	6.60E-09	1.59E-07	3.52E-08	4.81E-08	7.62E-08	1.34E-08	7.25E-08	4.11E-07
4348	482863.1	3857377.3	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
4349	483363.1	3857377.3	7.08E-04	7.26E-04	6.84E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.82E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.46E-08	1.67E-08	8.99E-08	5.10E-07
4350	483863.1	3857377.3	8.21E-04	8.40E-04	7.93E-04	2.84E-07	8.58E-07	4.97E-07	5.09E-07	4.61E-07	2.10E-07	1.98E-07	9.49E-09	2.29E-07	5.06E-08	6.90E-08	1.10E-07	1.93E-08	1.04E-07	5.91E-07
4351	484363.1	3857377.3	9.93E-04	1.02E-03	9.60E-04	3.44E-07	1.04E-06	6.01E-07	6.16E-07	5.58E-07	2.55E-07	2.40E-07	1.15E-08	2.77E-07	6.12E-08	8.36E-08	1.33E-07	2.34E-08	1.26E-07	7.16E-07
4352	484863.1	3857377.3	1.31E-03	1.34E-03	1.27E-03	4.54E-07	1.37E-06	7.93E-07	8.12E-07	7.36E-07	3.36E-07	3.17E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.44E-07
4353	485363.1	3857377.3	1.95E-03	2.00E-03	1.88E-03	6.75E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.00E-07	4.72E-07	2.26E-08	5.45E-07	1.20E-07	1.64E-07	2.60E-07	4.59E-08	2.48E-07	1.41E-06
4354	485863.1	3857377.3	4.63E-03	4.74E-03	4.47E-03	1.60E-06	4.84E-06	2.80E-06	2.87E-06	2.60E-06	1.19E-06	1.12E-06	5.35E-08	1.29E-06	2.85E-07	3.89E-07	6.18E-07	1.09E-07	5.87E-07	3.33E-06
4355	486363.1	3857377.3	1.68E-02	1.72E-02	1.62E-02	5.81E-06	1.75E-05	1.02E-05	1.04E-05	9.43E-06	4.30E-06	4.06E-06	1.94E-07	4.69E-06	1.03E-06	1.41E-06	2.24E-06	3.95E-07	2.13E-06	1.21E-05
4356	486863.1	3857377.3	4.62E-03	4.73E-03	4.46E-03	1.60E-06	4.83E-06	2.79E-06	2.86E-06	2.59E-06	1.18E-06	1.12E-06	5.34E-08	1.29E-06	2.84E-07	3.88E-07	6.16E-07	1.09E-07	5.86E-07	3.33E-06
4357	487363.1	3857377.3	3.28E-03	3.36E-03	3.17E-03	1.14E-06	3.43E-06	1.99E-06	2.03E-06	1.84E-06	8.41E-07	7.94E-07	3.79E-08	9.16E-07	2.02E-07	2.76E-07	4.38E-07	7.72E-08	4.17E-07	2.36E-06
4358	487863.1	3857377.3	2.67E-03	2.73E-03	2.58E-03	9.24E-07	2.79E-06	1.62E-06	1.65E-06	1.50E-06	6.84E-07	6.46E-07	3.09E-08	7.45E-07	1.64E-07	2.25E-07	3.56E-07	6.28E-08	3.39E-07	1.92E-06
4359	488363.1	3857377.3	2.25E-03	2.31E-03	2.17E-03	7.79E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.77E-07	5.44E-07	2.60E-08	6.28E-07	1.39E-07	1.89E-07	3.00E-07	5.29E-08	2.86E-07	1.62E-06
4360	488863.1	3857377.3	1.96E-03	2.01E-03	1.90E-03	6.80E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	5.04E-07	4.75E-07	2.27E-08	5.48E-07	1.21E-07	1.65E-07	2.62E-07	4.62E-08	2.49E-07	1.42E-06
4361	489363.1	3857377.3	1.74E-03	1.78E-03	1.68E-03	6.02E-07	1.82E-06	1.05E-06	1.08E-06	9.78E-07	4.46E-07	4.21E-07	2.01E-08	4.86E-07	1.07E-07	1.46E-07	2.32E-07	4.09E-08	2.21E-07	1.25E-06

4362	489863.1	3857377.3	1.55E-03	1.58E-03	1.49E-03	5.35E-07	1.62E-06	9.35E-07	9.58E-07	8.68E-07	3.96E-07	3.74E-07	1.79E-08	4.31E-07	9.52E-08	1.30E-07	2.06E-07	3.64E-08	1.96E-07	1.11E-06
4363	490363.1	3857377.3	1.39E-03	1.42E-03	1.34E-03	4.81E-07	1.45E-06	8.41E-07	8.62E-07	7.81E-07	3.56E-07	3.36E-07	1.61E-08	3.88E-07	8.57E-08	1.17E-07	1.86E-07	3.27E-08	1.76E-07	1.00E-06
4364	490863.1	3857377.3	1.26E-03	1.29E-03	1.22E-03	4.37E-07	1.32E-06	7.64E-07	7.83E-07	7.10E-07	3.24E-07	3.05E-07	1.46E-08	3.53E-07	7.78E-08	1.06E-07	1.69E-07	2.97E-08	1.60E-07	9.10E-07
4365	491363.1	3857377.3	1.16E-03	1.19E-03	1.12E-03	4.01E-07	1.21E-06	7.01E-07	7.18E-07	6.51E-07	2.97E-07	2.80E-07	1.34E-08	3.23E-07	7.14E-08	9.75E-08	1.55E-07	2.73E-08	1.47E-07	8.35E-07
4366	491863.1	3857377.3	1.03E-03	1.05E-03	9.94E-04	3.56E-07	1.08E-06	6.22E-07	6.38E-07	5.78E-07	2.64E-07	2.49E-07	1.19E-08	2.87E-07	6.34E-08	8.66E-08	1.37E-07	2.42E-08	1.31E-07	7.41E-07
4367	492363.1	3857377.3	8.18E-04	8.37E-04	7.90E-04	2.83E-07	8.55E-07	4.95E-07	5.07E-07	4.59E-07	2.10E-07	1.98E-07	9.45E-09	2.28E-07	5.04E-08	6.88E-08	1.09E-07	1.92E-08	1.04E-07	5.89E-07
4368	492863.1	3857377.3	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
4369	493363.1	3857377.3	5.77E-04	5.91E-04	5.58E-04	2.00E-07	6.03E-07	3.49E-07	3.58E-07	3.24E-07	1.48E-07	1.40E-07	6.67E-09	1.61E-07	3.56E-08	4.86E-08	7.70E-08	1.36E-08	7.32E-08	4.16E-07
4370	493863.1	3857377.3	5.34E-04	5.47E-04	5.16E-04	1.85E-07	5.58E-07	3.23E-07	3.31E-07	3.00E-07	1.37E-07	1.29E-07	6.18E-09	1.49E-07	3.29E-08	4.50E-08	7.13E-08	1.26E-08	6.78E-08	3.85E-07
4371	494363.1	3857377.3	4.93E-04	5.05E-04	4.76E-04	1.71E-07	5.15E-07	2.98E-07	3.05E-07	2.77E-07	1.26E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	4.15E-08	6.58E-08	1.16E-08	6.26E-08	3.55E-07
4372	494863.1	3857377.3	4.71E-04	4.82E-04	4.55E-04	1.63E-07	4.92E-07	2.85E-07	2.92E-07	2.64E-07	1.21E-07	1.14E-07	5.44E-09	1.31E-07	2.90E-08	3.96E-08	6.28E-08	1.11E-08	5.97E-08	3.39E-07
4373	495363.1	3857377.3	4.53E-04	4.64E-04	4.38E-04	1.57E-07	4.74E-07	2.74E-07	2.81E-07	2.55E-07	1.16E-07	1.10E-07	5.24E-09	1.27E-07	2.79E-08	3.81E-08	6.05E-08	1.07E-08	5.75E-08	3.26E-07
4374	495863.1	3857377.3	4.46E-04	4.57E-04	4.31E-04	1.54E-07	4.66E-07	2.70E-07	2.76E-07	2.50E-07	1.14E-07	1.08E-07	5.15E-09	1.24E-07	2.75E-08	3.75E-08	5.95E-08	1.05E-08	5.66E-08	3.21E-07
4375	496363.1	3857377.3	4.41E-04	4.52E-04	4.26E-04	1.53E-07	4.61E-07	2.67E-07	2.73E-07	2.48E-07	1.13E-07	1.07E-07	5.10E-09	1.23E-07	2.72E-08	3.71E-08	5.89E-08	1.04E-08	5.60E-08	3.18E-07
4376	496863.1	3857377.3	4.40E-04	4.50E-04	4.25E-04	1.52E-07	4.60E-07	2.66E-07	2.73E-07	2.47E-07	1.13E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.70E-08	5.87E-08	1.03E-08	5.58E-08	3.17E-07
4377	497363.1	3857377.3	4.46E-04	4.57E-04	4.31E-04	1.54E-07	4.66E-07	2.70E-07	2.76E-07	2.50E-07	1.14E-07	1.08E-07	5.15E-09	1.24E-07	2.75E-08	3.75E-08	5.95E-08	1.05E-08	5.66E-08	3.21E-07
4378	497863.1	3857377.3	4.59E-04	4.70E-04	4.43E-04	1.59E-07	4.80E-07	2.78E-07	2.84E-07	2.58E-07	1.18E-07	1.11E-07	5.31E-09	1.28E-07	2.83E-08	3.86E-08	6.13E-08	1.08E-08	5.82E-08	3.31E-07
4379	498363.1	3857377.3	4.99E-04	5.11E-04	4.82E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.28E-07	1.21E-07	5.77E-09	1.39E-07	3.07E-08	4.20E-08	6.66E-08	1.17E-08	6.33E-08	3.59E-07
4380	471363.1	3857877.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4381	471863.1	3857877.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4382	472363.1	3857877.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
4383	472863.1	3857877.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
4384	473363.1	3857877.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
4385	473863.1	3857877.3	2.07E-04	2.12E-04	2.00E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.30E-08	5.00E-08	2.39E-09	5.77E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.62E-08	1.49E-07
4386	474363.1	3857877.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
4387	474863.1	3857877.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4388	475363.1	3857877.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
4389	475863.1	3857877.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
4390	476363.1	3857877.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4391	476863.1	3857877.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
4392	477363.1	3857877.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4393	477863.1	3857877.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4394	478363.1	3857877.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4395	478863.1	3857877.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4396	479363.1	3857877.3	2.44E-04	2.49E-04	2.35E-04	8.43E-08	2.55E-07	1.47E-07	1.51E-07	1.37E-07	6.24E-08	5.89E-08	2.81E-09	6.80E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.09E-08	1.75E-07
4397	479863.1	3857877.3	3.08E-04	3.16E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.91E-08	7.46E-08	3.57E-09	8.61E-08	1.90E-08	2.60E-08	4.12E-08	7.26E-09	3.91E-08	2.22E-07
4398	480363.1	3857877.3	3.51E-04	3.60E-04	3.39E-04	1.22E-07	3.67E-07	2.13E-07	2.18E-07	1.97E-07	9.00E-08	8.49E-08	4.06E-09	9.81E-08	2.16E-08	2.96E-08	4.69E-08	8.26E-09	4.46E-08	2.53E-07
4399	480863.1	3857877.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07
4400	481363.1	3857877.3	3.91E-04	4.01E-04	3.78E-04	1.35E-07	4.09E-07	2.37E-07	2.42E-07	2.20E-07	1.00E-07	9.46E-08	4.52E-09	1.09E-07	2.41E-08	3.29E-08	5.22E-08	9.20E-09	4.96E-08	2.82E-07
4401	481863.1	3857877.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
4402	482363.1	3857877.3	4.96E-04	5.08E-04	4.79E-04	1.72E-07	5.18E-07	3.00E-07	3.07E-07	2.79E-07	1.27E-07	1.20E-07	5.73E-09	1.38E-07	3.06E-08	4.17E-08	6.62E-08	1.17E-08	6.29E-08	3.57E-07
4403	482863.1	3857877.3	5.58E-04	5.71E-04	5.39E-04	1.93E-07	5.83E-07	3.38E-07	3.46E-07	3.13E-07	1.43E-07	1.35E-07	6.45E-09	1.56E-07	3.44E-08	4.69E-08	7.45E-08	1.31E-08	7.08E-08	4.02E-07
4404	483363.1	3857877.3	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
4405	483863.1	3857877.3	6.83E-04	7.00E-04	6.60E-04	2.37E-07	7.14E-07	4.13E-07	4.23E-07	3.84E-07	1.75E-07	1.65E-07	7.90E-09	1.91E-07	4.21E-08	5.75E-08	9.12E-08	1.61E-08	8.67E-08	4.92E-07
4406	484363.1	3857877.3	7.79E-04	7.98E-04	7.53E-04	2.70E-07	8.14E-07	4.72E-07	4.83E-07	4.38E-07	2.00E-07	1.88E-07	9.01E-09	2.18E-07	4.80E-08	6.56E-08	1.04E-07	1.83E-08	9.89E-08	5.61E-07
4407	484863.1	3857877.3	9.48E-04	9.70E-04	9.15E-04	3.28E-07	9.90E-07	5.73E-07	5.87E-07	5.32E-07	2.43E-07	2.29E-07	1.10E-08	2.65E-07	5.84E-08	7.97E-08	1.26E-07	2.23E-08	1.20E-07	6.83E-07
4408	485363.1	3857877.3	1.21E-03	1.24E-03	1.17E-03	4.18E-07	1.26E-06	7.31E-07	7.49E-07	6.79E-07	3.10E-07	2.92E-07	1.40E-08	3.38E-07	7.45E-08	1.02E-07	1.61E-07	2.84E-08	1.53E-07	8.71E-07
4409	485863.1	3857877.3	1.69E-03	1.73E-03	1.63E-03	5.85E-07	1.77E-06	1.02E-06	1.05E-06	9.49E-07	4.33E-07	4.09E-07	1.95E-08	4.72E-07	1.04E-07	1.42E-07	2.26E-07	3.98E-08	2.14E-07	1.22E-06
4410	486363.1	3857877.3	3.10E-03	3.18E-03	3.00E-03	1.07E-06	3.24E-06	1.88E-06	1.92E-06	1.74E-06	7.95E-07	7.50E-07	3.59E-08	8.66E-07	1.91E-07	2.61E-07	4.14E-07	7.30E-08	3.94E-07	2.23E-06
4411	486863.1	3857877.3	2.51E-02	2.57E-02	2.42E-02	8.68E-06	2.62E-05	1.52E-05	1.55E-05	1.41E-05	6.43E-06	6.06E-06	2.90E-07	7.00E-06	1.55E-06	2.11E-06	3.35E-06	5.90E-07	3.18E-06	1.81E-05
4412	487363.1	3857877.3	1.02E-02	1.05E-02	9.90E-03	3.55E-06	1.07E-05	6.20E-06	6.35E-06	5.76E-06	2.63E-06	2.48E-06	1.18E-07	2.86E-06	6.31E-07	8.62E-07	1.37E-06	2.41E-07	1.30E-06	7.38E-06
4413	487863.1	3857877.3	4.98E-03	5.10E-03	4.82E-03	1.73E-06	5.21E-06	3.02E-06	3.09E-06	2.80E-06	1.28E-06	1.21E-06	5.76E-08	1.39E-06	3.07E-07	4.19E-07	6.65E-07	1.17E-07	6.32E-07	3.59E-06
4414	488363.1	3857877.3	3.53E-03	3.61E-03	3.41E-03	1.22E-06	3.69E-06	2.13E-06	2.19E-06	1.98E-06	9.04E-07	8.53E-07	4.08E-08	9.85E-07	2.17E-07	2.97E-07	4.71E-07	8.30E-08	4.48E-07	2.54E-06
4415	488863.1	3857877.3	2.78E-03	2.85E-03	2.69E-03	9.64E-07	2.91E-06	1.68E-06	1.73E-06	1.56E-06	7.14E-07	6.73E-07	3.22E-08	7.77E-07	1.72E-07	2.34E-07	3.72E-07	6.55E-08	3.53E-07	2.01E-06
4416	489363.1	3857877.3	2.28E-03	2.34E-03	2.20E-03	7.89E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.85E-07	5.51E-07	2.64E-08	6.37E-07	1.40E-07	1.92E-07	3.04E-07	5.36E-08	2.89E-07	1.64E-06
4417	489863.1	3857877.3	1.93E-03	1.98E-03	1.87E-03	6.69E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.95E-07	4.67E-07	2.23E-08	5.39E-07	1.19E-07	1.63E-07	2.58E-07	4.54E-08	2.45E-07	1.39E-06

4418	490363.1	3857877.3	1.70E-03	1.74E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.56E-07	4.36E-07	4.11E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	4.00E-08	2.16E-07	1.23E-06
4419	490863.1	3857877.3	1.52E-03	1.56E-03	1.47E-03	5.27E-07	1.59E-06	9.21E-07	9.43E-07	8.55E-07	3.90E-07	3.68E-07	1.76E-08	4.25E-07	9.38E-08	1.28E-07	2.03E-07	3.58E-08	1.93E-07	1.10E-06
4420	491363.1	3857877.3	1.31E-03	1.34E-03	1.26E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.36E-07	3.17E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.08E-08	1.66E-07	9.43E-07
4421	491863.1	3857877.3	1.10E-03	1.13E-03	1.07E-03	3.82E-07	1.15E-06	6.67E-07	6.83E-07	6.19E-07	2.83E-07	2.67E-07	1.27E-08	3.08E-07	6.79E-08	9.28E-08	1.47E-07	2.59E-08	1.40E-07	7.94E-07
4422	492363.1	3857877.3	8.62E-04	8.83E-04	8.33E-04	2.98E-07	9.01E-07	5.22E-07	5.34E-07	4.84E-07	2.21E-07	2.08E-07	9.96E-09	2.41E-07	5.31E-08	7.25E-08	1.15E-07	2.03E-08	1.09E-07	6.21E-07
4423	492863.1	3857877.3	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
4424	493363.1	3857877.3	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
4425	493863.1	3857877.3	5.95E-04	6.09E-04	5.75E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.52E-07	1.44E-07	6.88E-09	1.66E-07	3.66E-08	5.00E-08	7.94E-08	1.40E-08	7.55E-08	4.28E-07
4426	494363.1	3857877.3	5.67E-04	5.80E-04	5.48E-04	1.96E-07	5.92E-07	3.43E-07	3.51E-07	3.18E-07	1.45E-07	1.37E-07	6.55E-09	1.58E-07	3.49E-08	4.77E-08	7.56E-08	1.33E-08	7.19E-08	4.08E-07
4427	494863.1	3857877.3	5.30E-04	5.43E-04	5.12E-04	1.83E-07	5.54E-07	3.21E-07	3.28E-07	2.98E-07	1.36E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.46E-08	7.07E-08	1.25E-08	6.72E-08	3.82E-07
4428	495363.1	3857877.3	5.12E-04	5.25E-04	4.95E-04	1.77E-07	5.35E-07	3.10E-07	3.17E-07	2.88E-07	1.31E-07	1.24E-07	5.92E-09	1.43E-07	3.16E-08	4.31E-08	6.84E-08	1.20E-08	6.50E-08	3.69E-07
4429	495863.1	3857877.3	4.97E-04	5.09E-04	4.81E-04	1.72E-07	5.20E-07	3.01E-07	3.08E-07	2.79E-07	1.27E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	4.18E-08	6.64E-08	1.17E-08	6.31E-08	3.58E-07
4430	496363.1	3857877.3	4.93E-04	5.05E-04	4.76E-04	1.71E-07	5.15E-07	2.98E-07	3.05E-07	2.77E-07	1.26E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	4.15E-08	6.58E-08	1.16E-08	6.26E-08	3.55E-07
4431	496863.1	3857877.3	4.91E-04	5.03E-04	4.75E-04	1.70E-07	5.14E-07	2.97E-07	3.05E-07	2.76E-07	1.26E-07	1.19E-07	5.68E-09	1.37E-07	3.03E-08	4.14E-08	6.56E-08	1.16E-08	6.24E-08	3.54E-07
4432	497363.1	3857877.3	4.86E-04	4.97E-04	4.69E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.24E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	4.09E-08	6.48E-08	1.14E-08	6.16E-08	3.50E-07
4433	497863.1	3857877.3	5.11E-04	5.23E-04	4.93E-04	1.77E-07	5.34E-07	3.09E-07	3.16E-07	2.87E-07	1.31E-07	1.23E-07	5.90E-09	1.43E-07	3.15E-08	4.30E-08	6.82E-08	1.20E-08	6.48E-08	3.68E-07
4434	498363.1	3857877.3	5.34E-04	5.47E-04	5.16E-04	1.85E-07	5.58E-07	3.23E-07	3.31E-07	3.00E-07	1.37E-07	1.29E-07	6.18E-09	1.49E-07	3.29E-08	4.50E-08	7.13E-08	1.26E-08	6.78E-08	3.85E-07
4435	471363.1	3858377.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4436	471863.1	3858377.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4437	472363.1	3858377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4438	472863.1	3858377.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
4439	473363.1	3858377.3	1.96E-04	2.01E-04	1.90E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	5.03E-08	4.75E-08	2.27E-09	5.48E-08	1.21E-08	1.65E-08	2.62E-08	4.62E-09	2.49E-08	1.41E-07
4440	473863.1	3858377.3	1.96E-04	2.01E-04	1.90E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	5.03E-08	4.75E-08	2.27E-09	5.48E-08	1.21E-08	1.65E-08	2.62E-08	4.62E-09	2.49E-08	1.41E-07
4441	474363.1	3858377.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
4442	474863.1	3858377.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
4443	475363.1	3858377.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
4444	475863.1	3858377.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
4445	476363.1	3858377.3	1.48E-04	1.51E-04	1.43E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.57E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
4446	476863.1	3858377.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
4447	477363.1	3858377.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
4448	477863.1	3858377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4449	478363.1	3858377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4450	478863.1	3858377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4451	479363.1	3858377.3	2.30E-04	2.36E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.57E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.92E-08	1.66E-07
4452	479863.1	3858377.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
4453	480363.1	3858377.3	3.39E-04	3.48E-04	3.28E-04	1.18E-07	3.55E-07	2.05E-07	2.10E-07	1.91E-07	8.70E-08	8.21E-08	3.92E-09	9.48E-08	2.09E-08	2.86E-08	4.53E-08	7.99E-09	4.31E-08	2.45E-07
4454	480863.1	3858377.3	3.57E-04	3.66E-04	3.45E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.01E-07	9.16E-08	8.64E-08	4.13E-09	9.97E-08	2.20E-08	3.01E-08	4.77E-08	8.40E-09	4.53E-08	2.57E-07
4455	481363.1	3858377.3	3.81E-04	3.90E-04	3.68E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.14E-07	9.76E-08	9.21E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.08E-08	8.96E-09	4.83E-08	2.74E-07
4456	481863.1	3858377.3	3.97E-04	4.07E-04	3.84E-04	1.37E-07	4.15E-07	2.40E-07	2.46E-07	2.23E-07	1.02E-07	9.60E-08	4.59E-09	1.11E-07	2.45E-08	3.34E-08	5.30E-08	9.34E-09	5.04E-08	2.86E-07
4457	482363.1	3858377.3	4.31E-04	4.41E-04	4.16E-04	1.49E-07	4.50E-07	2.61E-07	2.67E-07	2.42E-07	1.10E-07	1.04E-07	4.98E-09	1.20E-07	2.66E-08	3.63E-08	5.75E-08	1.01E-08	5.47E-08	3.10E-07
4458	482863.1	3858377.3	4.89E-04	5.00E-04	4.72E-04	1.69E-07	5.11E-07	2.96E-07	3.03E-07	2.74E-07	1.25E-07	1.18E-07	5.65E-09	1.36E-07	3.01E-08	4.11E-08	6.52E-08	1.15E-08	6.20E-08	3.52E-07
4459	483363.1	3858377.3	5.42E-04	5.55E-04	5.23E-04	1.87E-07	5.66E-07	3.28E-07	3.36E-07	3.04E-07	1.39E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.56E-08	7.23E-08	1.27E-08	6.87E-08	3.90E-07
4460	483863.1	3858377.3	5.89E-04	6.03E-04	5.69E-04	2.04E-07	6.15E-07	3.56E-07	3.65E-07	3.31E-07	1.51E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.95E-08	7.86E-08	1.39E-08	7.47E-08	4.24E-07
4461	484363.1	3858377.3	6.52E-04	6.68E-04	6.30E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.67E-07	1.58E-07	7.54E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.53E-08	8.28E-08	4.70E-07
4462	484863.1	3858377.3	7.48E-04	7.66E-04	7.23E-04	2.59E-07	7.82E-07	4.53E-07	4.64E-07	4.20E-07	1.92E-07	1.81E-07	8.65E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.76E-08	9.50E-08	5.39E-07
4463	485363.1	3858377.3	8.90E-04	9.12E-04	8.60E-04	3.08E-07	9.30E-07	5.38E-07	5.52E-07	5.00E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.48E-08	7.49E-08	1.19E-07	2.09E-08	1.13E-07	6.41E-07
4464	485863.1	3858377.3	1.09E-03	1.11E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.74E-07	6.11E-07	2.79E-07	2.63E-07	1.26E-08	3.04E-07	6.70E-08	9.15E-08	1.45E-07	2.56E-08	1.38E-07	7.84E-07
4465	486363.1	3858377.3	1.40E-03	1.44E-03	1.35E-03	4.85E-07	1.47E-06	8.48E-07	8.69E-07	7.88E-07	3.59E-07	3.39E-07	1.62E-08	3.91E-07	8.64E-08	1.18E-07	1.87E-07	3.30E-08	1.78E-07	1.01E-06
4466	486863.1	3858377.3	2.02E-03	2.07E-03	1.95E-03	7.00E-07	2.11E-06	1.22E-06	1.25E-06	1.14E-06	5.18E-07	4.89E-07	2.34E-08	5.65E-07	1.25E-07	1.70E-07	2.70E-07	4.76E-08	2.57E-07	1.46E-06
4467	487363.1	3858377.3	4.00E-03	4.10E-03	3.87E-03	1.39E-06	4.18E-06	2.42E-06	2.48E-06	2.25E-06	1.03E-06	9.67E-07	4.63E-08	1.12E-06	2.47E-07	3.37E-07	5.34E-07	9.41E-08	5.08E-07	2.88E-06
4468	487863.1	3858377.3	6.80E-02	6.97E-02	6.57E-02	2.36E-05	7.11E-05	4.12E-05	4.22E-05	3.82E-05	1.74E-05	1.64E-05	7.86E-07	1.90E-05	4.19E-06	5.72E-06	9.08E-06	1.60E-06	8.63E-06	4.90E-05
4469	488363.1	3858377.3	9.33E-03	9.56E-03	9.02E-03	3.23E-06	9.76E-06	5.65E-06	5.79E-06	5.24E-06	2.39E-06	2.26E-06	1.08E-07	2.61E-06	5.75E-07	7.85E-07	1.25E-06	2.20E-07	1.18E-06	6.73E-06
4470	488863.1	3858377.3	5.00E-03	5.12E-03	4.83E-03	1.73E-06	5.23E-06	3.03E-06	3.10E-06	2.81E-06	1.28E-06	1.21E-06	5.78E-08	1.40E-06	3.08E-07	4.21E-07	6.68E-07	1.18E-07	6.35E-07	3.60E-06
4471	489363.1	3858377.3	3.47E-03	3.55E-03	3.35E-03	1.20E-06	3.63E-06	2.10E-06	2.15E-06	1.95E-06	8.89E-07	8.39E-07	4.01E-08	9.68E-07	2.14E-07	2.92E-07	4.63E-07	8.16E-08	4.40E-07	2.50E-06
4472	489863.1	3858377.3	2.69E-03	2.76E-03	2.60E-03	9.32E-07	2.81E-06	1.63E-06	1.67E-06	1.51E-06	6.90E-07	6.51E-07	3.11E-08	7.52E-07	1.66E-07	2.27E-07	3.59E-07	6.33E-08	3.42E-07	1.94E-06
4473	490363.1	3858377.3	2.22E-03	2.27E-03	2.14E-03	7.67E-07	2.32E-06	1.34E-06	1.37E-06	1.25E-06	5.68E-07	5.36E-07	2.56E-08	6.19E-07	1.37E-07	1.87E-07	2.96E-07	5.21E-08	2.81E-07	1.60E-06

4474	490863.1	3858377.3	1.89E-03	1.94E-03	1.83E-03	6.55E-07	1.98E-06	1.14E-06	1.17E-06	1.06E-06	4.85E-07	4.57E-07	2.19E-08	5.28E-07	1.17E-07	1.59E-07	2.53E-07	4.45E-08	2.40E-07	1.36E-06
4475	491363.1	3858377.3	1.55E-03	1.58E-03	1.49E-03	5.35E-07	1.62E-06	9.36E-07	9.59E-07	8.69E-07	3.96E-07	3.74E-07	1.79E-08	4.32E-07	9.53E-08	1.30E-07	2.06E-07	3.64E-08	1.96E-07	1.11E-06
4476	491863.1	3858377.3	1.17E-03	1.20E-03	1.13E-03	4.04E-07	1.22E-06	7.06E-07	7.23E-07	6.56E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.19E-08	9.82E-08	1.56E-07	2.75E-08	1.48E-07	8.41E-07
4477	492363.1	3858377.3	9.03E-04	9.25E-04	8.73E-04	3.13E-07	9.44E-07	5.47E-07	5.60E-07	5.07E-07	2.32E-07	2.18E-07	1.04E-08	2.52E-07	5.57E-08	7.60E-08	1.21E-07	2.12E-08	1.15E-07	6.51E-07
4478	492863.1	3858377.3	8.86E-04	9.07E-04	8.56E-04	3.07E-07	9.26E-07	5.36E-07	5.49E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.46E-08	7.45E-08	1.18E-07	2.08E-08	1.12E-07	6.38E-07
4479	493363.1	3858377.3	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
4480	493863.1	3858377.3	7.31E-04	7.48E-04	7.06E-04	2.53E-07	7.64E-07	4.42E-07	4.53E-07	4.10E-07	1.87E-07	1.77E-07	8.44E-09	2.04E-07	4.50E-08	6.15E-08	9.75E-08	1.72E-08	9.27E-08	5.26E-07
4481	494363.1	3858377.3	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
4482	494863.1	3858377.3	6.29E-04	6.44E-04	6.07E-04	2.18E-07	6.57E-07	3.80E-07	3.90E-07	3.53E-07	1.61E-07	1.52E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.48E-08	7.98E-08	4.53E-07
4483	495363.1	3858377.3	5.84E-04	5.99E-04	5.65E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.50E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.92E-08	7.80E-08	1.37E-08	7.42E-08	4.21E-07
4484	495863.1	3858377.3	5.68E-04	5.82E-04	5.49E-04	1.97E-07	5.94E-07	3.44E-07	3.52E-07	3.19E-07	1.46E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.78E-08	7.58E-08	1.34E-08	7.21E-08	4.09E-07
4485	496363.1	3858377.3	5.52E-04	5.65E-04	5.33E-04	1.91E-07	5.77E-07	3.34E-07	3.42E-07	3.10E-07	1.41E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.64E-08	7.37E-08	1.30E-08	7.00E-08	3.98E-07
4486	496863.1	3858377.3	5.55E-04	5.68E-04	5.36E-04	1.92E-07	5.80E-07	3.36E-07	3.44E-07	3.12E-07	1.42E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.67E-08	7.41E-08	1.31E-08	7.04E-08	4.00E-07
4487	497363.1	3858377.3	5.49E-04	5.62E-04	5.30E-04	1.90E-07	5.74E-07	3.32E-07	3.40E-07	3.08E-07	1.41E-07	1.33E-07	6.35E-09	1.53E-07	3.38E-08	4.62E-08	7.33E-08	1.29E-08	6.97E-08	3.96E-07
4488	497863.1	3858377.3	5.71E-04	5.85E-04	5.52E-04	1.98E-07	5.97E-07	3.46E-07	3.54E-07	3.21E-07	1.46E-07	1.38E-07	6.60E-09	1.59E-07	3.52E-08	4.81E-08	7.62E-08	1.34E-08	7.25E-08	4.11E-07
4489	498363.1	3858377.3	6.04E-04	6.18E-04	5.83E-04	2.09E-07	6.31E-07	3.65E-07	3.74E-07	3.39E-07	1.55E-07	1.46E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.42E-08	7.66E-08	4.35E-07
4490	471363.1	3858877.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4491	471863.1	3858877.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
4492	472363.1	3858877.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4493	472863.1	3858877.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
4494	473363.1	3858877.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
4495	473863.1	3858877.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
4496	474363.1	3858877.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
4497	474863.1	3858877.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
4498	475363.1	3858877.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
4499	475863.1	3858877.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
4500	476363.1	3858877.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
4501	476863.1	3858877.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
4502	477363.1	3858877.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
4503	477863.1	3858877.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
4504	478363.1	3858877.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
4505	478863.1	3858877.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4506	479363.1	3858877.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4507	479863.1	3858877.3	2.88E-04	2.95E-04	2.78E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.38E-08	6.96E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.77E-09	3.65E-08	2.07E-07
4508	480363.1	3858877.3	3.13E-04	3.20E-04	3.02E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.76E-07	8.02E-08	7.57E-08	3.62E-09	8.74E-08	1.93E-08	2.63E-08	4.18E-08	7.36E-09	3.97E-08	2.25E-07
4509	480863.1	3858877.3	3.34E-04	3.42E-04	3.22E-04	1.15E-07	3.49E-07	2.02E-07	2.07E-07	1.87E-07	8.55E-08	8.06E-08	3.86E-09	9.31E-08	2.06E-08	2.81E-08	4.45E-08	7.85E-09	4.23E-08	2.40E-07
4510	481363.1	3858877.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
4511	481863.1	3858877.3	3.73E-04	3.82E-04	3.61E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.10E-07	9.57E-08	9.03E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.78E-09	4.74E-08	2.69E-07
4512	482363.1	3858877.3	3.98E-04	4.08E-04	3.85E-04	1.38E-07	4.16E-07	2.41E-07	2.47E-07	2.24E-07	1.02E-07	9.64E-08	4.61E-09	1.11E-07	2.46E-08	3.35E-08	5.32E-08	9.37E-09	5.06E-08	2.87E-07
4513	482863.1	3858877.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
4514	483363.1	3858877.3	4.99E-04	5.11E-04	4.82E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.28E-07	1.21E-07	5.77E-09	1.39E-07	3.07E-08	4.20E-08	6.66E-08	1.17E-08	6.33E-08	3.59E-07
4515	483863.1	3858877.3	5.33E-04	5.46E-04	5.15E-04	1.84E-07	5.57E-07	3.22E-07	3.30E-07	2.99E-07	1.37E-07	1.29E-07	6.16E-09	1.49E-07	3.28E-08	4.48E-08	7.11E-08	1.25E-08	6.76E-08	3.84E-07
4516	484363.1	3858877.3	5.73E-04	5.87E-04	5.53E-04	1.98E-07	5.99E-07	3.46E-07	3.55E-07	3.22E-07	1.47E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.82E-08	7.64E-08	1.35E-08	7.27E-08	4.13E-07
4517	484863.1	3858877.3	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
4518	485363.1	3858877.3	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
4519	485863.1	3858877.3	8.16E-04	8.36E-04	7.88E-04	2.83E-07	8.53E-07	4.94E-07	5.06E-07	4.59E-07	2.09E-07	1.97E-07	9.43E-09	2.28E-07	5.03E-08	6.87E-08	1.09E-07	1.92E-08	1.04E-07	5.88E-07
4520	486363.1	3858877.3	9.58E-04	9.81E-04	9.25E-04	3.32E-07	1.00E-06	5.80E-07	5.94E-07	5.38E-07	2.46E-07	2.32E-07	1.11E-08	2.67E-07	5.90E-08	8.06E-08	1.28E-07	2.25E-08	1.22E-07	6.90E-07
4521	486863.1	3858877.3	1.17E-03	1.19E-03	1.13E-03	4.04E-07	1.22E-06	7.05E-07	7.23E-07	6.55E-07	2.99E-07	2.82E-07	1.35E-08	3.26E-07	7.18E-08	9.81E-08	1.56E-07	2.74E-08	1.48E-07	8.40E-07
4522	487363.1	3858877.3	1.53E-03	1.57E-03	1.48E-03	5.30E-07	1.60E-06	9.26E-07	9.48E-07	8.60E-07	3.92E-07	3.70E-07	1.77E-08	4.27E-07	9.43E-08	1.29E-07	2.04E-07	3.60E-08	1.94E-07	1.10E-06
4523	487863.1	3858877.3	2.26E-03	2.31E-03	2.18E-03	7.82E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.79E-07	5.46E-07	2.61E-08	6.31E-07	1.39E-07	1.90E-07	3.02E-07	5.32E-08	2.87E-07	1.63E-06
4524	488363.1	3858877.3	5.08E-03	5.20E-03	4.91E-03	1.76E-06	5.31E-06	3.07E-06	3.15E-06	2.85E-06	1.30E-06	1.23E-06	5.87E-08	1.42E-06	3.13E-07	4.27E-07	6.78E-07	1.19E-07	6.44E-07	3.66E-06
4525	488863.1	3858877.3	3.50E-02	3.58E-02	3.38E-02	1.21E-05	3.66E-05	2.12E-05	2.17E-05	1.97E-05	8.97E-06	8.46E-06	4.04E-07	9.77E-06	2.16E-06	2.94E-06	4.67E-06	8.23E-07	4.44E-06	2.52E-05
4526	489363.1	3858877.3	8.04E-03	8.24E-03	7.77E-03	2.78E-06	8.41E-06	4.87E-06	4.98E-06	4.52E-06	2.06E-06	1.94E-06	9.30E-08	2.25E-06	4.96E-07	6.77E-07	1.07E-06	1.89E-07	1.02E-06	5.79E-06
4527	489863.1	3858877.3	4.65E-03	4.77E-03	4.50E-03	1.61E-06	4.86E-06	2.82E-06	2.88E-06	2.61E-06	1.19E-06	1.13E-06	5.38E-08	1.30E-06	2.87E-07	3.92E-07	6.21E-07	1.09E-07	5.91E-07	3.35E-06
4528	490363.1	3858877.3	3.23E-03	3.31E-03	3.12E-03	1.12E-06	3.38E-06	1.96E-06	2.00E-06	1.82E-06	8.29E-07	7.82E-07	3.74E-08	9.03E-07	1.99E-07	2.72E-07	4.32E-07	7.61E-08	4.10E-07	2.33E-06
4529	490863.1	3858877.3	2.29E-03	2.35E-03	2.21E-03	7.93E-07	2.39E-06	1.39E-06	1.42E-06	1.29E-06	5.87E-07	5.54E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.39E-08	2.91E-07	1.65E-06

4530	491363.1	3858877.3	1.63E-03	1.67E-03	1.58E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.18E-07	4.19E-07	3.95E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.84E-08	2.07E-07	1.18E-06
4531	491863.1	3858877.3	1.24E-03	1.27E-03	1.20E-03	4.29E-07	1.30E-06	7.50E-07	7.68E-07	6.96E-07	3.18E-07	3.00E-07	1.43E-08	3.46E-07	7.64E-08	1.04E-07	1.65E-07	2.92E-08	1.57E-07	8.93E-07
4532	492363.1	3858877.3	1.21E-03	1.24E-03	1.17E-03	4.20E-07	1.27E-06	7.34E-07	7.52E-07	6.82E-07	3.11E-07	2.93E-07	1.40E-08	3.39E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.74E-07
4533	492863.1	3858877.3	1.23E-03	1.26E-03	1.19E-03	4.27E-07	1.29E-06	7.46E-07	7.64E-07	6.92E-07	3.16E-07	2.98E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.90E-08	1.56E-07	8.88E-07
4534	493363.1	3858877.3	1.09E-03	1.11E-03	1.05E-03	3.76E-07	1.14E-06	6.57E-07	6.73E-07	6.10E-07	2.78E-07	2.63E-07	1.26E-08	3.03E-07	6.69E-08	9.14E-08	1.45E-07	2.56E-08	1.38E-07	7.83E-07
4535	493863.1	3858877.3	9.25E-04	9.48E-04	8.94E-04	3.20E-07	9.67E-07	5.60E-07	5.73E-07	5.20E-07	2.37E-07	2.24E-07	1.07E-08	2.58E-07	5.70E-08	7.79E-08	1.24E-07	2.18E-08	1.17E-07	6.67E-07
4536	494363.1	3858877.3	8.44E-04	8.65E-04	8.16E-04	2.92E-07	8.82E-07	5.11E-07	5.23E-07	4.74E-07	2.16E-07	2.04E-07	9.76E-09	2.36E-07	5.20E-08	7.10E-08	1.13E-07	1.99E-08	1.07E-07	6.08E-07
4537	494863.1	3858877.3	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
4538	495363.1	3858877.3	7.05E-04	7.23E-04	6.82E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.81E-07	1.71E-07	8.15E-09	1.97E-07	4.35E-08	5.94E-08	9.42E-08	1.66E-08	8.95E-08	5.08E-07
4539	495863.1	3858877.3	6.67E-04	6.83E-04	6.44E-04	2.31E-07	6.97E-07	4.04E-07	4.13E-07	3.75E-07	1.71E-07	1.61E-07	7.71E-09	1.86E-07	4.11E-08	5.61E-08	8.90E-08	1.57E-08	8.47E-08	4.81E-07
4540	496363.1	3858877.3	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
4541	496863.1	3858877.3	6.30E-04	6.45E-04	6.09E-04	2.18E-07	6.59E-07	3.81E-07	3.91E-07	3.54E-07	1.62E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.48E-08	8.00E-08	4.54E-07
4542	497363.1	3858877.3	6.15E-04	6.30E-04	5.95E-04	2.13E-07	6.43E-07	3.72E-07	3.81E-07	3.46E-07	1.58E-07	1.49E-07	7.11E-09	1.72E-07	3.79E-08	5.18E-08	8.21E-08	1.45E-08	7.81E-08	4.43E-07
4543	497863.1	3858877.3	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
4544	498363.1	3858877.3	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
4545	471363.1	3859377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4546	471863.1	3859377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4547	472363.1	3859377.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4548	472863.1	3859377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4549	473363.1	3859377.3	1.87E-04	1.92E-04	1.81E-04	6.49E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.53E-08	2.17E-09	5.23E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.38E-08	1.35E-07
4550	473863.1	3859377.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
4551	474363.1	3859377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4552	474863.1	3859377.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4553	475363.1	3859377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
4554	475863.1	3859377.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
4555	476363.1	3859377.3	1.27E-04	1.30E-04	1.23E-04	4.39E-08	1.33E-07	7.68E-08	7.87E-08	7.13E-08	3.25E-08	3.07E-08	1.47E-09	3.54E-08	7.82E-09	1.07E-08	1.69E-08	2.99E-09	1.61E-08	9.14E-08
4556	476863.1	3859377.3	1.22E-04	1.25E-04	1.18E-04	4.24E-08	1.28E-07	7.41E-08	7.59E-08	6.88E-08	3.14E-08	2.96E-08	1.42E-09	3.42E-08	7.55E-09	1.03E-08	1.64E-08	2.88E-09	1.55E-08	8.83E-08
4557	477363.1	3859377.3	1.27E-04	1.30E-04	1.23E-04	4.39E-08	1.33E-07	7.68E-08	7.87E-08	7.13E-08	3.25E-08	3.07E-08	1.47E-09	3.54E-08	7.82E-09	1.07E-08	1.69E-08	2.99E-09	1.61E-08	9.14E-08
4558	477863.1	3859377.3	1.48E-04	1.51E-04	1.43E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.57E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
4559	478363.1	3859377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4560	478863.1	3859377.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
4561	479363.1	3859377.3	2.30E-04	2.36E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.57E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.92E-08	1.66E-07
4562	479863.1	3859377.3	2.60E-04	2.66E-04	2.51E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.66E-08	6.28E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.11E-09	3.30E-08	1.87E-07
4563	480363.1	3859377.3	2.88E-04	2.95E-04	2.78E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.38E-08	6.96E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.77E-09	3.65E-08	2.07E-07
4564	480863.1	3859377.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
4565	481363.1	3859377.3	3.28E-04	3.36E-04	3.17E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.40E-08	7.92E-08	3.79E-09	9.15E-08	2.02E-08	2.76E-08	4.37E-08	7.71E-09	4.16E-08	2.36E-07
4566	481863.1	3859377.3	3.45E-04	3.54E-04	3.34E-04	1.20E-07	3.61E-07	2.09E-07	2.14E-07	1.94E-07	8.85E-08	8.35E-08	3.99E-09	9.64E-08	2.13E-08	2.91E-08	4.61E-08	8.12E-09	4.38E-08	2.49E-07
4567	482363.1	3859377.3	3.66E-04	3.75E-04	3.54E-04	1.27E-07	3.83E-07	2.21E-07	2.27E-07	2.06E-07	9.38E-08	8.85E-08	4.23E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.61E-09	4.64E-08	2.64E-07
4568	482863.1	3859377.3	3.90E-04	3.99E-04	3.76E-04	1.35E-07	4.07E-07	2.36E-07	2.41E-07	2.19E-07	9.99E-08	9.42E-08	4.50E-09	1.09E-07	2.40E-08	3.28E-08	5.20E-08	9.17E-09	4.94E-08	2.81E-07
4569	483363.1	3859377.3	4.32E-04	4.43E-04	4.18E-04	1.50E-07	4.52E-07	2.62E-07	2.68E-07	2.43E-07	1.11E-07	1.05E-07	5.00E-09	1.21E-07	2.66E-08	3.64E-08	5.77E-08	1.02E-08	5.49E-08	3.12E-07
4570	483863.1	3859377.3	4.68E-04	4.79E-04	4.52E-04	1.62E-07	4.89E-07	2.83E-07	2.90E-07	2.63E-07	1.20E-07	1.13E-07	5.41E-09	1.31E-07	2.88E-08	3.94E-08	6.24E-08	1.10E-08	5.94E-08	3.37E-07
4571	484363.1	3859377.3	5.06E-04	5.18E-04	4.89E-04	1.75E-07	5.29E-07	3.06E-07	3.14E-07	2.84E-07	1.30E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.26E-08	6.76E-08	1.19E-08	6.42E-08	3.65E-07
4572	484863.1	3859377.3	5.51E-04	5.64E-04	5.32E-04	1.91E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.41E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.30E-08	6.99E-08	3.97E-07
4573	485363.1	3859377.3	6.07E-04	6.21E-04	5.86E-04	2.10E-07	6.34E-07	3.67E-07	3.76E-07	3.41E-07	1.55E-07	1.47E-07	7.01E-09	1.69E-07	3.74E-08	5.10E-08	8.10E-08	1.43E-08	7.70E-08	4.37E-07
4574	485863.1	3859377.3	6.74E-04	6.91E-04	6.52E-04	2.33E-07	7.05E-07	4.08E-07	4.18E-07	3.79E-07	1.73E-07	1.63E-07	7.80E-09	1.88E-07	4.16E-08	5.68E-08	9.00E-08	1.59E-08	8.56E-08	4.86E-07
4575	486363.1	3859377.3	7.51E-04	7.69E-04	7.26E-04	2.60E-07	7.85E-07	4.55E-07	4.66E-07	4.22E-07	1.93E-07	1.82E-07	8.68E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.77E-08	9.53E-08	5.41E-07
4576	486863.1	3859377.3	8.50E-04	8.71E-04	8.21E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.78E-07	2.18E-07	2.06E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	2.00E-08	1.08E-07	6.12E-07
4577	487363.1	3859377.3	9.89E-04	1.01E-03	9.55E-04	3.42E-07	1.03E-06	5.98E-07	6.13E-07	5.56E-07	2.53E-07	2.39E-07	1.14E-08	2.76E-07	6.09E-08	8.32E-08	1.32E-07	2.33E-08	1.25E-07	7.12E-07
4578	487863.1	3859377.3	1.21E-03	1.24E-03	1.17E-03	4.19E-07	1.27E-06	7.33E-07	7.51E-07	6.81E-07	3.11E-07	2.93E-07	1.40E-08	3.38E-07	7.47E-08	1.02E-07	1.62E-07	2.85E-08	1.54E-07	8.73E-07
4579	488363.1	3859377.3	1.61E-03	1.65E-03	1.55E-03	5.56E-07	1.68E-06	9.72E-07	9.96E-07	9.03E-07	4.12E-07	3.89E-07	1.86E-08	4.49E-07	9.90E-08	1.35E-07	2.15E-07	3.78E-08	2.04E-07	1.16E-06
4580	488863.1	3859377.3	2.51E-03	2.57E-03	2.43E-03	8.69E-07	2.62E-06	1.52E-06	1.56E-06	1.41E-06	6.44E-07	6.07E-07	2.90E-08	7.01E-07	1.55E-07	2.11E-07	3.35E-07	5.91E-08	3.19E-07	1.81E-06
4581	489363.1	3859377.3	6.77E-03	6.94E-03	6.54E-03	2.35E-06	7.08E-06	4.10E-06	4.20E-06	3.81E-06	1.74E-06	1.64E-06	7.83E-08	1.89E-06	4.17E-07	5.70E-07	9.04E-07	1.59E-07	8.60E-07	4.88E-06
4582	489863.1	3859377.3	2.20E-02	2.25E-02	2.12E-02	7.60E-06	2.29E-05	1.33E-05	1.36E-05	1.23E-05	5.63E-06	5.31E-06	2.54E-07	6.13E-06	1.35E-06	1.85E-06	2.93E-06	5.16E-07	2.79E-06	1.58E-05
4583	490363.1	3859377.3	7.02E-03	7.19E-03	6.78E-03	2.43E-06	7.34E-06	4.25E-06	4.35E-06	3.94E-06	1.80E-06	1.70E-06	8.12E-08	1.96E-06	4.33E-07	5.91E-07	9.37E-07	1.65E-07	8.91E-07	5.06E-06
4584	490863.1	3859377.3	3.85E-03	3.94E-03	3.72E-03	1.33E-06	4.02E-06	2.33E-06	2.38E-06	2.16E-06	9.86E-07	9.30E-07	4.45E-08	1.07E-06	2.37E-07	3.24E-07	5.14E-07	9.05E-08	4.88E-07	2.77E-06
4585	491363.1	3859377.3	2.28E-03	2.34E-03	2.20E-03	7.89E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.85E-07	5.51E-07	2.64E-08	6.37E-07	1.40E-07	1.92E-07	3.04E-07	5.36E-08	2.89E-07	1.64E-06

4586	491863.1	3859377.3	2.15E-03	2.20E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.19E-07	2.48E-08	6.00E-07	1.32E-07	1.81E-07	2.87E-07	5.05E-08	2.72E-07	1.55E-06
4587	492363.1	3859377.3	1.83E-03	1.87E-03	1.77E-03	6.34E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.69E-07	4.42E-07	2.12E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.31E-08	2.32E-07	1.32E-06
4588	492863.1	3859377.3	1.64E-03	1.68E-03	1.58E-03	5.67E-07	1.71E-06	9.90E-07	1.01E-06	9.19E-07	4.20E-07	3.96E-07	1.89E-08	4.57E-07	1.01E-07	1.38E-07	2.18E-07	3.85E-08	2.08E-07	1.18E-06
4589	493363.1	3859377.3	1.38E-03	1.41E-03	1.33E-03	4.76E-07	1.44E-06	8.32E-07	8.52E-07	7.73E-07	3.53E-07	3.33E-07	1.59E-08	3.84E-07	8.47E-08	1.16E-07	1.84E-07	3.24E-08	1.75E-07	9.91E-07
4590	493863.1	3859377.3	1.25E-03	1.28E-03	1.20E-03	4.31E-07	1.30E-06	7.54E-07	7.72E-07	7.00E-07	3.19E-07	3.01E-07	1.44E-08	3.48E-07	7.67E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.97E-07
4591	494363.1	3859377.3	1.11E-03	1.14E-03	1.08E-03	3.85E-07	1.16E-06	6.73E-07	6.90E-07	6.25E-07	2.85E-07	2.69E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.62E-08	1.41E-07	8.02E-07
4592	494863.1	3859377.3	9.52E-04	9.75E-04	9.20E-04	3.30E-07	9.95E-07	5.76E-07	5.90E-07	5.35E-07	2.44E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.24E-08	1.21E-07	6.86E-07
4593	495363.1	3859377.3	8.84E-04	9.05E-04	8.54E-04	3.06E-07	9.24E-07	5.35E-07	5.48E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.08E-08	1.12E-07	6.37E-07
4594	495863.1	3859377.3	8.12E-04	8.31E-04	7.84E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.08E-07	1.96E-07	9.38E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.91E-08	1.03E-07	5.85E-07
4595	496363.1	3859377.3	7.82E-04	8.01E-04	7.56E-04	2.71E-07	8.18E-07	4.73E-07	4.85E-07	4.39E-07	2.01E-07	1.89E-07	9.04E-09	2.18E-07	4.82E-08	6.58E-08	1.04E-07	1.84E-08	9.93E-08	5.64E-07
4596	496863.1	3859377.3	7.20E-04	7.38E-04	6.96E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.05E-07	1.85E-07	1.74E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.69E-08	9.14E-08	5.19E-07
4597	497363.1	3859377.3	7.20E-04	7.38E-04	6.96E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.05E-07	1.85E-07	1.74E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.69E-08	9.14E-08	5.19E-07
4598	497863.1	3859377.3	7.48E-04	7.66E-04	7.23E-04	2.59E-07	7.82E-07	4.53E-07	4.64E-07	4.20E-07	1.92E-07	1.81E-07	8.65E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.76E-08	9.50E-08	5.39E-07
4599	498363.1	3859377.3	7.75E-04	7.94E-04	7.49E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.99E-07	1.87E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.82E-08	9.83E-08	5.58E-07
4600	471363.1	3859877.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4601	471863.1	3859877.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4602	472363.1	3859877.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4603	472863.1	3859877.3	1.77E-04	1.81E-04	1.71E-04	6.13E-08	1.85E-07	1.07E-07	1.10E-07	9.95E-08	4.54E-08	4.28E-08	2.05E-09	4.95E-08	1.09E-08	1.49E-08	2.36E-08	4.17E-09	2.25E-08	1.28E-07
4604	473363.1	3859877.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4605	473863.1	3859877.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
4606	474363.1	3859877.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4607	474863.1	3859877.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4608	475363.1	3859877.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
4609	475863.1	3859877.3	1.24E-04	1.27E-04	1.20E-04	4.29E-08	1.30E-07	7.50E-08	7.68E-08	6.96E-08	3.18E-08	3.00E-08	1.43E-09	3.46E-08	7.64E-09	1.04E-08	1.65E-08	2.92E-09	1.57E-08	8.93E-08
4610	476363.1	3859877.3	1.11E-04	1.13E-04	1.07E-04	3.83E-08	1.16E-07	6.70E-08	6.86E-08	6.22E-08	2.84E-08	2.68E-08	1.28E-09	3.09E-08	6.82E-09	9.31E-09	1.48E-08	2.60E-09	1.40E-08	7.97E-08
4611	476863.1	3859877.3	1.17E-04	1.19E-04	1.13E-04	4.04E-08	1.22E-07	7.05E-08	7.23E-08	6.55E-08	2.99E-08	2.82E-08	1.35E-09	3.26E-08	7.18E-09	9.81E-09	1.56E-08	2.74E-09	1.48E-08	8.40E-08
4612	477363.1	3859877.3	1.21E-04	1.24E-04	1.17E-04	4.19E-08	1.26E-07	7.32E-08	7.50E-08	6.80E-08	3.10E-08	2.93E-08	1.40E-09	3.38E-08	7.46E-09	1.02E-08	1.62E-08	2.85E-09	1.54E-08	8.72E-08
4613	477863.1	3859877.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
4614	478363.1	3859877.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4615	478863.1	3859877.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
4616	479363.1	3859877.3	2.26E-04	2.31E-04	2.18E-04	7.82E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.46E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.87E-08	1.63E-07
4617	479863.1	3859877.3	2.54E-04	2.60E-04	2.45E-04	8.79E-08	2.65E-07	1.54E-07	1.57E-07	1.43E-07	6.51E-08	6.14E-08	2.93E-09	7.09E-08	1.56E-08	2.14E-08	3.39E-08	5.97E-09	3.22E-08	1.83E-07
4618	480363.1	3859877.3	2.77E-04	2.84E-04	2.68E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	7.11E-08	6.71E-08	3.21E-09	7.75E-08	1.71E-08	2.33E-08	3.70E-08	6.53E-09	3.52E-08	2.00E-07
4619	480863.1	3859877.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
4620	481363.1	3859877.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
4621	481863.1	3859877.3	3.25E-04	3.33E-04	3.14E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.32E-08	7.85E-08	3.75E-09	9.07E-08	2.00E-08	2.73E-08	4.33E-08	7.64E-09	4.12E-08	2.34E-07
4622	482363.1	3859877.3	3.42E-04	3.51E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	8.05E-09	4.34E-08	2.47E-07
4623	482863.1	3859877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
4624	483363.1	3859877.3	3.79E-04	3.88E-04	3.66E-04	1.31E-07	3.96E-07	2.30E-07	2.35E-07	2.13E-07	9.72E-08	9.17E-08	4.38E-09	1.06E-07	2.34E-08	3.19E-08	5.06E-08	8.92E-09	4.81E-08	2.73E-07
4625	483863.1	3859877.3	4.12E-04	4.22E-04	3.98E-04	1.43E-07	4.30E-07	2.49E-07	2.55E-07	2.31E-07	1.06E-07	9.96E-08	4.76E-09	1.15E-07	2.54E-08	3.46E-08	5.50E-08	9.69E-09	5.23E-08	2.97E-07
4626	484363.1	3859877.3	4.37E-04	4.47E-04	4.22E-04	1.51E-07	4.57E-07	2.64E-07	2.71E-07	2.45E-07	1.12E-07	1.06E-07	5.05E-09	1.22E-07	2.69E-08	3.68E-08	5.83E-08	1.03E-08	5.54E-08	3.15E-07
4627	484863.1	3859877.3	4.65E-04	4.76E-04	4.49E-04	1.61E-07	4.86E-07	2.81E-07	2.88E-07	2.61E-07	1.19E-07	1.12E-07	5.37E-09	1.30E-07	2.86E-08	3.91E-08	6.21E-08	1.09E-08	5.90E-08	3.35E-07
4628	485363.1	3859877.3	5.05E-04	5.17E-04	4.88E-04	1.75E-07	5.28E-07	3.05E-07	3.13E-07	2.84E-07	1.29E-07	1.22E-07	5.83E-09	1.41E-07	3.11E-08	4.25E-08	6.74E-08	1.19E-08	6.41E-08	3.64E-07
4629	485863.1	3859877.3	5.59E-04	5.73E-04	5.40E-04	1.94E-07	5.85E-07	3.38E-07	3.47E-07	3.14E-07	1.43E-07	1.35E-07	6.47E-09	1.56E-07	3.45E-08	4.71E-08	7.47E-08	1.32E-08	7.10E-08	4.03E-07
4630	486363.1	3859877.3	6.24E-04	6.39E-04	6.03E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.60E-07	1.51E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.33E-08	1.47E-08	7.92E-08	4.50E-07
4631	486863.1	3859877.3	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
4632	487363.1	3859877.3	7.84E-04	8.03E-04	7.57E-04	2.71E-07	8.19E-07	4.74E-07	4.86E-07	4.40E-07	2.01E-07	1.89E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.84E-08	9.94E-08	5.65E-07
4633	487863.1	3859877.3	8.91E-04	9.13E-04	8.61E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.01E-07	2.29E-07	2.16E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.10E-08	1.13E-07	6.42E-07
4634	488363.1	3859877.3	1.02E-03	1.04E-03	9.85E-04	3.53E-07	1.07E-06	6.17E-07	6.32E-07	5.73E-07	2.61E-07	2.47E-07	1.18E-08	2.85E-07	6.28E-08	8.58E-08	1.36E-07	2.40E-08	1.29E-07	7.35E-07
4635	488863.1	3859877.3	1.26E-03	1.30E-03	1.22E-03	4.38E-07	1.32E-06	7.65E-07	7.84E-07	7.11E-07	3.24E-07	3.06E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.98E-08	1.61E-07	9.11E-07
4636	489363.1	3859877.3	1.70E-03	1.75E-03	1.65E-03	5.90E-07	1.78E-06	1.03E-06	1.06E-06	9.58E-07	4.37E-07	4.12E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.28E-07	4.01E-08	2.16E-07	1.23E-06
4637	489863.1	3859877.3	2.68E-03	2.75E-03	2.59E-03	9.29E-07	2.80E-06	1.62E-06	1.66E-06	1.51E-06	6.88E-07	6.49E-07	3.10E-08	7.49E-07	1.65E-07	2.26E-07	3.58E-07	6.31E-08	3.40E-07	1.93E-06
4638	490363.1	3859877.3	6.03E-03	6.18E-03	5.83E-03	2.09E-06	6.30E-06	3.65E-06	3.74E-06	3.39E-06	1.55E-06	1.46E-06	6.97E-08	1.68E-06	3.72E-07	5.08E-07	8.05E-07	1.42E-07	7.65E-07	4.35E-06
4639	490863.1	3859877.3	4.58E-02	4.69E-02	4.42E-02	1.58E-05	4.78E-05	2.77E-05	2.84E-05	2.57E-05	1.17E-05	1.11E-05	5.29E-07	1.28E-05	2.82E-06	3.85E-06	6.11E-06	1.08E-06	5.81E-06	3.30E-05
4640	491363.1	3859877.3	8.86E-03	9.07E-03	8.56E-03	3.07E-06	9.26E-06	5.36E-06	5.49E-06	4.98E-06	2.27E-06	2.14E-06	1.02E-07	2.47E-06	5.46E-07	7.45E-07	1.18E-06	2.08E-07	1.12E-06	6.38E-06
4641	491863.1	3859877.3	4.49E-03	4.60E-03	4.34E-03	1.55E-06	4.69E-06	2.72E-06	2.78E-06	2.52E-06	1.15E-06	1.09E-06	5.19E-08	1.25E-06	2.77E-07	3.78E-07	5.99E-07	1.06E-07	5.70E-07	3.23E-06

4642	492363.1	3859877.3	3.05E-03	3.12E-03	2.94E-03	1.05E-06	3.18E-06	1.84E-06	1.89E-06	1.71E-06	7.81E-07	7.37E-07	3.52E-08	8.51E-07	1.88E-07	2.56E-07	4.07E-07	7.17E-08	3.87E-07	2.19E-06
4643	492863.1	3859877.3	2.24E-03	2.29E-03	2.16E-03	7.74E-07	2.34E-06	1.35E-06	1.39E-06	1.26E-06	5.73E-07	5.41E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.26E-08	2.84E-07	1.61E-06
4644	493363.1	3859877.3	1.84E-03	1.89E-03	1.78E-03	6.38E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.73E-07	4.46E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.34E-08	2.34E-07	1.33E-06
4645	493863.1	3859877.3	1.59E-03	1.62E-03	1.53E-03	5.49E-07	1.66E-06	9.59E-07	9.82E-07	8.90E-07	4.06E-07	3.83E-07	1.83E-08	4.43E-07	9.77E-08	1.33E-07	2.12E-07	3.73E-08	2.01E-07	1.14E-06
4646	494363.1	3859877.3	1.37E-03	1.40E-03	1.32E-03	4.73E-07	1.43E-06	8.26E-07	8.46E-07	7.67E-07	3.50E-07	3.30E-07	1.58E-08	3.81E-07	8.41E-08	1.15E-07	1.82E-07	3.21E-08	1.73E-07	9.84E-07
4647	494863.1	3859877.3	1.25E-03	1.28E-03	1.20E-03	4.32E-07	1.30E-06	7.55E-07	7.73E-07	7.01E-07	3.20E-07	3.02E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.93E-08	1.58E-07	8.98E-07
4648	495363.1	3859877.3	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.89E-07	2.73E-07	1.30E-08	3.15E-07	6.95E-08	9.49E-08	1.51E-07	2.65E-08	1.43E-07	8.12E-07
4649	495863.1	3859877.3	1.02E-03	1.05E-03	9.90E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.63E-07	2.48E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.41E-08	1.30E-07	7.38E-07
4650	496363.1	3859877.3	9.05E-04	9.27E-04	8.74E-04	3.13E-07	9.46E-07	5.47E-07	5.61E-07	5.08E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.57E-08	7.61E-08	1.21E-07	2.13E-08	1.15E-07	6.52E-07
4651	496863.1	3859877.3	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
4652	497363.1	3859877.3	7.95E-04	8.15E-04	7.69E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.47E-07	2.04E-07	1.92E-07	9.20E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.87E-08	1.01E-07	5.73E-07
4653	497863.1	3859877.3	8.62E-04	8.83E-04	8.33E-04	2.98E-07	9.01E-07	5.22E-07	5.34E-07	4.84E-07	2.21E-07	2.08E-07	9.96E-09	2.41E-07	5.31E-08	7.25E-08	1.15E-07	2.03E-08	1.09E-07	6.21E-07
4654	498363.1	3859877.3	8.96E-04	9.18E-04	8.65E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.30E-07	2.17E-07	1.04E-08	2.50E-07	5.52E-08	7.54E-08	1.20E-07	2.11E-08	1.14E-07	6.45E-07
4655	471363.1	3860377.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4656	471863.1	3860377.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4657	472363.1	3860377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4658	472863.1	3860377.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
4659	473363.1	3860377.3	1.77E-04	1.81E-04	1.71E-04	6.13E-08	1.85E-07	1.07E-07	1.10E-07	9.95E-08	4.54E-08	4.28E-08	2.05E-09	4.95E-08	1.09E-08	1.49E-08	2.36E-08	4.17E-09	2.25E-08	1.28E-07
4660	473863.1	3860377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4661	474363.1	3860377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4662	474863.1	3860377.3	1.77E-04	1.81E-04	1.71E-04	6.13E-08	1.85E-07	1.07E-07	1.10E-07	9.95E-08	4.54E-08	4.28E-08	2.05E-09	4.95E-08	1.09E-08	1.49E-08	2.36E-08	4.17E-09	2.25E-08	1.28E-07
4663	475363.1	3860377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4664	475863.1	3860377.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
4665	476363.1	3860377.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
4666	476863.1	3860377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
4667	477363.1	3860377.3	1.27E-04	1.30E-04	1.23E-04	4.39E-08	1.33E-07	7.68E-08	7.87E-08	7.13E-08	3.25E-08	3.07E-08	1.47E-09	3.54E-08	7.82E-09	1.07E-08	1.69E-08	2.99E-09	1.61E-08	9.14E-08
4668	477863.1	3860377.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
4669	478363.1	3860377.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
4670	478863.1	3860377.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
4671	479363.1	3860377.3	2.17E-04	2.22E-04	2.10E-04	7.51E-08	2.27E-07	1.31E-07	1.34E-07	1.22E-07	5.56E-08	5.25E-08	2.51E-09	6.06E-08	1.34E-08	1.83E-08	2.90E-08	5.10E-09	2.75E-08	1.56E-07
4672	479863.1	3860377.3	2.44E-04	2.49E-04	2.35E-04	8.43E-08	2.55E-07	1.47E-07	1.51E-07	1.37E-07	6.24E-08	5.89E-08	2.81E-09	6.80E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.09E-08	1.75E-07
4673	480363.1	3860377.3	2.64E-04	2.71E-04	2.55E-04	9.15E-08	2.76E-07	1.60E-07	1.64E-07	1.48E-07	6.77E-08	6.39E-08	3.05E-09	7.38E-08	1.63E-08	2.22E-08	3.53E-08	6.21E-09	3.35E-08	1.90E-07
4674	480863.1	3860377.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
4675	481363.1	3860377.3	2.92E-04	2.99E-04	2.82E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.49E-08	7.07E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.87E-09	3.71E-08	2.11E-07
4676	481863.1	3860377.3	3.10E-04	3.17E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.94E-08	7.49E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.93E-08	2.23E-07
4677	482363.1	3860377.3	3.25E-04	3.33E-04	3.14E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.32E-08	7.85E-08	3.75E-09	9.07E-08	2.00E-08	2.73E-08	4.33E-08	7.64E-09	4.12E-08	2.34E-07
4678	482863.1	3860377.3	3.36E-04	3.45E-04	3.25E-04	1.16E-07	3.52E-07	2.04E-07	2.09E-07	1.89E-07	8.63E-08	8.14E-08	3.89E-09	9.40E-08	2.07E-08	2.83E-08	4.49E-08	7.92E-09	4.27E-08	2.42E-07
4679	483363.1	3860377.3	3.57E-04	3.66E-04	3.45E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.01E-07	9.16E-08	8.64E-08	4.13E-09	9.97E-08	2.20E-08	3.01E-08	4.77E-08	8.40E-09	4.53E-08	2.57E-07
4680	483863.1	3860377.3	3.73E-04	3.82E-04	3.61E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.10E-07	9.57E-08	9.03E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.78E-09	4.74E-08	2.69E-07
4681	484363.1	3860377.3	3.97E-04	4.07E-04	3.84E-04	1.37E-07	4.15E-07	2.40E-07	2.46E-07	2.23E-07	1.02E-07	9.60E-08	4.59E-09	1.11E-07	2.45E-08	3.34E-08	5.30E-08	9.34E-09	5.04E-08	2.86E-07
4682	484863.1	3860377.3	4.16E-04	4.26E-04	4.02E-04	1.44E-07	4.35E-07	2.52E-07	2.58E-07	2.34E-07	1.07E-07	1.01E-07	4.81E-09	1.16E-07	2.56E-08	3.50E-08	5.56E-08	9.79E-09	5.28E-08	3.00E-07
4683	485363.1	3860377.3	4.40E-04	4.50E-04	4.25E-04	1.52E-07	4.60E-07	2.66E-07	2.73E-07	2.47E-07	1.13E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.70E-08	5.87E-08	1.03E-08	5.58E-08	3.17E-07
4684	485863.1	3860377.3	4.75E-04	4.87E-04	4.59E-04	1.65E-07	4.97E-07	2.88E-07	2.95E-07	2.67E-07	1.22E-07	1.15E-07	5.49E-09	1.33E-07	2.93E-08	4.00E-08	6.34E-08	1.12E-08	6.03E-08	3.42E-07
4685	486363.1	3860377.3	5.18E-04	5.31E-04	5.00E-04	1.79E-07	5.41E-07	3.13E-07	3.21E-07	2.91E-07	1.33E-07	1.25E-07	5.99E-09	1.45E-07	3.19E-08	4.36E-08	6.91E-08	1.22E-08	6.57E-08	3.73E-07
4686	486863.1	3860377.3	5.65E-04	5.79E-04	5.46E-04	1.96E-07	5.91E-07	3.42E-07	3.50E-07	3.18E-07	1.45E-07	1.37E-07	6.53E-09	1.58E-07	3.48E-08	4.76E-08	7.55E-08	1.33E-08	7.17E-08	4.07E-07
4687	487363.1	3860377.3	6.23E-04	6.38E-04	6.02E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.60E-07	1.51E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.47E-08	7.90E-08	4.49E-07
4688	487863.1	3860377.3	7.00E-04	7.17E-04	6.76E-04	2.42E-07	7.31E-07	4.23E-07	4.34E-07	3.93E-07	1.79E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.89E-08	9.34E-08	1.65E-08	8.88E-08	5.04E-07
4689	488363.1	3860377.3	7.87E-04	8.06E-04	7.60E-04	2.72E-07	8.22E-07	4.76E-07	4.88E-07	4.42E-07	2.02E-07	1.90E-07	9.09E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.85E-08	9.98E-08	5.67E-07
4690	488863.1	3860377.3	9.02E-04	9.24E-04	8.71E-04	3.12E-07	9.43E-07	5.46E-07	5.59E-07	5.07E-07	2.31E-07	2.18E-07	1.04E-08	2.52E-07	5.56E-08	7.59E-08	1.20E-07	2.12E-08	1.14E-07	6.50E-07
4691	489363.1	3860377.3	1.06E-03	1.09E-03	1.02E-03	3.67E-07	1.11E-06	6.41E-07	6.57E-07	5.95E-07	2.72E-07	2.56E-07	1.22E-08	2.96E-07	6.53E-08	8.92E-08	1.41E-07	2.49E-08	1.34E-07	7.63E-07
4692	489863.1	3860377.3	1.28E-03	1.31E-03	1.23E-03	4.41E-07	1.33E-06	7.72E-07	7.90E-07	7.16E-07	3.27E-07	3.08E-07	1.47E-08	3.56E-07	7.86E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.19E-07
4693	490363.1	3860377.3	1.64E-03	1.67E-03	1.58E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.19E-07	4.19E-07	3.95E-07	1.89E-08	4.57E-07	1.01E-07	1.38E-07	2.18E-07	3.85E-08	2.08E-07	1.18E-06
4694	490863.1	3860377.3	2.47E-03	2.53E-03	2.39E-03	8.56E-07	2.59E-06	1.50E-06	1.53E-06	1.39E-06	6.34E-07	5.98E-07	2.86E-08	6.91E-07	1.52E-07	2.08E-07	3.30E-07	5.82E-08	3.14E-07	1.78E-06
4695	491363.1	3860377.3	7.47E-03	7.65E-03	7.22E-03	2.59E-06	7.81E-06	4.52E-06	4.63E-06	4.20E-06	1.92E-06	1.81E-06	8.64E-08	2.09E-06	4.60E-07	6.29E-07	9.97E-07	1.76E-07	9.48E-07	5.38E-06
4696	491863.1	3860377.3	1.28E-02	1.31E-02	1.24E-02	4.44E-06	1.34E-05	7.75E-06	7.94E-06	7.20E-06	3.28E-06	3.10E-06	1.48E-07	3.58E-06	7.89E-07	1.08E-06	1.71E-06	3.01E-07	1.63E-06	9.23E-06
4697	492363.1	3860377.3	5.15E-03	5.28E-03	4.98E-03	1.78E-06	5.39E-06	3.12E-06	3.19E-06	2.89E-06	1.32E-06	1.25E-06	5.96E-08	1.44E-06	3.17E-07	4.34E-07	6.88E-07	1.21E-07	6.54E-07	3.71E-06

4698	492863.1	3860377.3	3.46E-03	3.55E-03	3.35E-03	1.20E-06	3.62E-06	2.09E-06	2.15E-06	1.95E-06	8.88E-07	8.37E-07	4.00E-08	9.67E-07	2.13E-07	2.91E-07	4.62E-07	8.15E-08	4.39E-07	2.49E-06
4699	493363.1	3860377.3	2.50E-03	2.56E-03	2.42E-03	8.66E-07	2.62E-06	1.51E-06	1.55E-06	1.41E-06	6.42E-07	6.05E-07	2.89E-08	6.99E-07	1.54E-07	2.11E-07	3.34E-07	5.89E-08	3.18E-07	1.80E-06
4700	493863.1	3860377.3	2.15E-03	2.20E-03	2.08E-03	7.44E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.51E-07	5.20E-07	2.48E-08	6.00E-07	1.32E-07	1.81E-07	2.87E-07	5.06E-08	2.73E-07	1.55E-06
4701	494363.1	3860377.3	1.80E-03	1.84E-03	1.74E-03	6.22E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.61E-07	4.35E-07	2.08E-08	5.02E-07	1.11E-07	1.51E-07	2.40E-07	4.23E-08	2.28E-07	1.30E-06
4702	494863.1	3860377.3	1.66E-03	1.70E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.30E-07	4.24E-07	4.00E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.90E-08	2.10E-07	1.19E-06
4703	495363.1	3860377.3	1.46E-03	1.50E-03	1.41E-03	5.06E-07	1.53E-06	8.85E-07	9.06E-07	8.22E-07	3.75E-07	3.54E-07	1.69E-08	4.08E-07	9.01E-08	1.23E-07	1.95E-07	3.44E-08	1.86E-07	1.05E-06
4704	495863.1	3860377.3	1.24E-03	1.27E-03	1.20E-03	4.29E-07	1.30E-06	7.50E-07	7.68E-07	6.96E-07	3.18E-07	3.00E-07	1.43E-08	3.46E-07	7.64E-08	1.04E-07	1.65E-07	2.92E-08	1.57E-07	8.93E-07
4705	496363.1	3860377.3	1.08E-03	1.11E-03	1.04E-03	3.74E-07	1.13E-06	6.54E-07	6.70E-07	6.07E-07	2.77E-07	2.61E-07	1.25E-08	3.02E-07	6.66E-08	9.09E-08	1.44E-07	2.54E-08	1.37E-07	7.78E-07
4706	496863.1	3860377.3	9.77E-04	1.00E-03	9.44E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.49E-07	2.50E-07	2.36E-07	1.13E-08	2.73E-07	6.02E-08	8.22E-08	1.30E-07	2.30E-08	1.24E-07	7.04E-07
4707	497363.1	3860377.3	8.71E-04	8.92E-04	8.41E-04	3.01E-07	9.10E-07	5.27E-07	5.40E-07	4.89E-07	2.23E-07	2.11E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.05E-08	1.10E-07	6.27E-07
4708	497863.1	3860377.3	9.24E-04	9.46E-04	8.93E-04	3.20E-07	9.66E-07	5.59E-07	5.73E-07	5.19E-07	2.37E-07	2.23E-07	1.07E-08	2.58E-07	5.69E-08	7.77E-08	1.23E-07	2.17E-08	1.17E-07	6.66E-07
4709	498363.1	3860377.3	9.86E-04	1.01E-03	9.52E-04	3.41E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.53E-07	2.38E-07	1.14E-08	2.75E-07	6.07E-08	8.30E-08	1.32E-07	2.32E-08	1.25E-07	7.10E-07
4710	471363.1	3860877.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
4711	471863.1	3860877.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4712	472363.1	3860877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
4713	472863.1	3860877.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4714	473363.1	3860877.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
4715	473863.1	3860877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4716	474363.1	3860877.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4717	474863.1	3860877.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4718	475363.1	3860877.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4719	475863.1	3860877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4720	476363.1	3860877.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4721	476863.1	3860877.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4722	477363.1	3860877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
4723	477863.1	3860877.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
4724	478363.1	3860877.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
4725	478863.1	3860877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4726	479363.1	3860877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4727	479863.1	3860877.3	2.32E-04	2.37E-04	2.24E-04	8.02E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.60E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.94E-08	1.67E-07
4728	480363.1	3860877.3	2.51E-04	2.57E-04	2.42E-04	8.69E-08	2.62E-07	1.52E-07	1.55E-07	1.41E-07	6.43E-08	6.07E-08	2.90E-09	7.01E-08	1.55E-08	2.11E-08	3.35E-08	5.90E-09	3.18E-08	1.81E-07
4729	480863.1	3860877.3	2.63E-04	2.69E-04	2.54E-04	9.09E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.35E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.33E-08	1.89E-07
4730	481363.1	3860877.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
4731	481863.1	3860877.3	2.88E-04	2.95E-04	2.78E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.38E-08	6.96E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.77E-09	3.65E-08	2.07E-07
4732	482363.1	3860877.3	3.01E-04	3.08E-04	2.91E-04	1.04E-07	3.15E-07	1.82E-07	1.87E-07	1.69E-07	7.72E-08	7.28E-08	3.48E-09	8.41E-08	1.86E-08	2.53E-08	4.02E-08	7.08E-09	3.82E-08	2.17E-07
4733	482863.1	3860877.3	3.11E-04	3.19E-04	3.01E-04	1.08E-07	3.25E-07	1.88E-07	1.93E-07	1.75E-07	7.98E-08	7.53E-08	3.60E-09	8.70E-08	1.92E-08	2.62E-08	4.16E-08	7.33E-09	3.95E-08	2.24E-07
4734	483363.1	3860877.3	3.26E-04	3.34E-04	3.15E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.36E-08	7.89E-08	3.77E-09	9.11E-08	2.01E-08	2.74E-08	4.35E-08	7.67E-09	4.14E-08	2.35E-07
4735	483863.1	3860877.3	3.42E-04	3.51E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	8.05E-09	4.34E-08	2.47E-07
4736	484363.1	3860877.3	3.62E-04	3.70E-04	3.49E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.27E-08	8.74E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.51E-09	4.59E-08	2.61E-07
4737	484863.1	3860877.3	3.76E-04	3.85E-04	3.64E-04	1.30E-07	3.93E-07	2.28E-07	2.33E-07	2.11E-07	9.65E-08	9.10E-08	4.35E-09	1.05E-07	2.32E-08	3.17E-08	5.02E-08	8.85E-09	4.78E-08	2.71E-07
4738	485363.1	3860877.3	3.94E-04	4.04E-04	3.81E-04	1.36E-07	4.12E-07	2.38E-07	2.44E-07	2.21E-07	1.01E-07	9.53E-08	4.56E-09	1.10E-07	2.43E-08	3.32E-08	5.26E-08	9.27E-09	5.00E-08	2.84E-07
4739	485863.1	3860877.3	4.21E-04	4.31E-04	4.06E-04	1.46E-07	4.40E-07	2.55E-07	2.61E-07	2.36E-07	1.08E-07	1.02E-07	4.86E-09	1.17E-07	2.59E-08	3.54E-08	5.61E-08	9.89E-09	5.34E-08	3.03E-07
4740	486363.1	3860877.3	4.50E-04	4.61E-04	4.35E-04	1.56E-07	4.70E-07	2.72E-07	2.79E-07	2.53E-07	1.15E-07	1.09E-07	5.20E-09	1.26E-07	2.77E-08	3.79E-08	6.01E-08	1.06E-08	5.71E-08	3.24E-07
4741	486863.1	3860877.3	4.86E-04	4.97E-04	4.69E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.24E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	4.09E-08	6.48E-08	1.14E-08	6.16E-08	3.50E-07
4742	487363.1	3860877.3	5.22E-04	5.35E-04	5.05E-04	1.81E-07	5.46E-07	3.16E-07	3.24E-07	2.94E-07	1.34E-07	1.26E-07	6.04E-09	1.46E-07	3.22E-08	4.40E-08	6.97E-08	1.23E-08	6.63E-08	3.76E-07
4743	487863.1	3860877.3	5.68E-04	5.82E-04	5.49E-04	1.97E-07	5.94E-07	3.44E-07	3.52E-07	3.19E-07	1.46E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.78E-08	7.58E-08	1.34E-08	7.21E-08	4.09E-07
4744	488363.1	3860877.3	6.26E-04	6.41E-04	6.05E-04	2.17E-07	6.54E-07	3.79E-07	3.88E-07	3.52E-07	1.60E-07	1.51E-07	7.23E-09	1.75E-07	3.86E-08	5.27E-08	8.35E-08	1.47E-08	7.94E-08	4.51E-07
4745	488863.1	3860877.3	6.82E-04	6.98E-04	6.59E-04	2.36E-07	7.13E-07	4.13E-07	4.23E-07	3.83E-07	1.75E-07	1.65E-07	7.88E-09	1.90E-07	4.20E-08	5.74E-08	9.10E-08	1.60E-08	8.65E-08	4.91E-07
4746	489363.1	3860877.3	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
4747	489863.1	3860877.3	8.75E-04	8.96E-04	8.46E-04	3.03E-07	9.15E-07	5.30E-07	5.42E-07	4.92E-07	2.24E-07	2.12E-07	1.01E-08	2.44E-07	5.39E-08	7.36E-08	1.17E-07	2.06E-08	1.11E-07	6.31E-07
4748	490363.1	3860877.3	1.06E-03	1.08E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.54E-07	5.93E-07	2.70E-07	2.55E-07	1.22E-08	2.95E-07	6.50E-08	8.88E-08	1.41E-07	2.48E-08	1.34E-07	7.60E-07
4749	490863.1	3860877.3	1.35E-03	1.39E-03	1.31E-03	4.68E-07	1.41E-06	8.19E-07	8.39E-07	7.60E-07	3.47E-07	3.27E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.18E-08	1.72E-07	9.75E-07
4750	491363.1	3860877.3	1.95E-03	2.00E-03	1.88E-03	6.74E-07	2.04E-06	1.18E-06	1.21E-06	1.09E-06	4.99E-07	4.71E-07	2.25E-08	5.44E-07	1.20E-07	1.64E-07	2.60E-07	4.58E-08	2.47E-07	1.40E-06
4751	491863.1	3860877.3	4.24E-03	4.34E-03	4.10E-03	1.47E-06	4.43E-06	2.57E-06	2.63E-06	2.38E-06	1.09E-06	1.03E-06	4.90E-08	1.18E-06	2.61E-07	3.57E-07	5.66E-07	9.98E-08	5.38E-07	3.06E-06
4752	492363.1	3860877.3	2.27E-02	2.33E-02	2.19E-02	7.86E-06	2.37E-05	1.37E-05	1.41E-05	1.28E-05	5.82E-06	5.49E-06	2.63E-07	6.34E-06	1.40E-06	1.91E-06	3.03E-06	5.34E-07	2.88E-06	1.64E-05
4753	492863.1	3860877.3	6.68E-03	6.84E-03	6.46E-03	2.31E-06	6.98E-06	4.04E-06	4.14E-06	3.75E-06	1.71E-06	1.62E-06	7.72E-08	1.87E-06	4.12E-07	5.62E-07	8.92E-07	1.57E-07	8.48E-07	4.81E-06

4754	493363.1	3860877.3	4.22E-03	4.32E-03	4.07E-03	1.46E-06	4.41E-06	2.55E-06	2.61E-06	2.37E-06	1.08E-06	1.02E-06	4.87E-08	1.18E-06	2.60E-07	3.55E-07	5.63E-07	9.92E-08	5.35E-07	3.04E-06
4755	493863.1	3860877.3	3.30E-03	3.38E-03	3.18E-03	1.14E-06	3.44E-06	1.99E-06	2.04E-06	1.85E-06	8.45E-07	7.97E-07	3.81E-08	9.20E-07	2.03E-07	2.77E-07	4.40E-07	7.75E-08	4.18E-07	2.37E-06
4756	494363.1	3860877.3	2.77E-03	2.84E-03	2.68E-03	9.60E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	7.11E-07	6.71E-07	3.21E-08	7.75E-07	1.71E-07	2.33E-07	3.70E-07	6.53E-08	3.52E-07	2.00E-06
4757	494863.1	3860877.3	2.38E-03	2.44E-03	2.30E-03	8.23E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	6.09E-07	5.75E-07	2.75E-08	6.64E-07	1.46E-07	2.00E-07	3.17E-07	5.59E-08	3.02E-07	1.71E-06
4758	495363.1	3860877.3	2.08E-03	2.13E-03	2.01E-03	7.19E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.33E-07	5.02E-07	2.40E-08	5.80E-07	1.28E-07	1.75E-07	2.77E-07	4.89E-08	2.64E-07	1.50E-06
4759	495863.1	3860877.3	1.88E-03	1.93E-03	1.82E-03	6.52E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.83E-07	4.55E-07	2.18E-08	5.26E-07	1.16E-07	1.58E-07	2.51E-07	4.43E-08	2.39E-07	1.36E-06
4760	496363.1	3860877.3	1.61E-03	1.65E-03	1.56E-03	5.58E-07	1.68E-06	9.75E-07	9.99E-07	9.05E-07	4.13E-07	3.90E-07	1.86E-08	4.50E-07	9.93E-08	1.36E-07	2.15E-07	3.79E-08	2.05E-07	1.16E-06
4761	496863.1	3860877.3	1.31E-03	1.35E-03	1.27E-03	4.55E-07	1.37E-06	7.95E-07	8.14E-07	7.38E-07	3.37E-07	3.18E-07	1.52E-08	3.67E-07	8.09E-08	1.11E-07	1.75E-07	3.09E-08	1.67E-07	9.46E-07
4762	497363.1	3860877.3	1.23E-03	1.26E-03	1.19E-03	4.27E-07	1.29E-06	7.46E-07	7.64E-07	6.92E-07	3.16E-07	2.98E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.90E-08	1.56E-07	8.88E-07
4763	497863.1	3860877.3	1.13E-03	1.16E-03	1.09E-03	3.91E-07	1.18E-06	6.83E-07	7.00E-07	6.34E-07	2.89E-07	2.73E-07	1.31E-08	3.15E-07	6.96E-08	9.50E-08	1.51E-07	2.66E-08	1.43E-07	8.13E-07
4764	498363.1	3860877.3	1.14E-03	1.17E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.92E-07	2.76E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.68E-08	1.45E-07	8.22E-07
4765	471363.1	3861377.3	1.55E-04	1.59E-04	1.50E-04	5.36E-08	1.62E-07	9.38E-08	9.60E-08	8.71E-08	3.97E-08	3.75E-08	1.79E-09	4.33E-08	9.55E-09	1.30E-08	2.07E-08	3.65E-09	1.97E-08	1.12E-07
4766	471863.1	3861377.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
4767	472363.1	3861377.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4768	472863.1	3861377.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
4769	473363.1	3861377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4770	473863.1	3861377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4771	474363.1	3861377.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
4772	474863.1	3861377.3	1.77E-04	1.81E-04	1.71E-04	6.13E-08	1.85E-07	1.07E-07	1.10E-07	9.95E-08	4.54E-08	4.28E-08	2.05E-09	4.95E-08	1.09E-08	1.49E-08	2.36E-08	4.17E-09	2.25E-08	1.28E-07
4773	475363.1	3861377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4774	475863.1	3861377.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
4775	476363.1	3861377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4776	476863.1	3861377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4777	477363.1	3861377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4778	477863.1	3861377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4779	478363.1	3861377.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
4780	478863.1	3861377.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
4781	479363.1	3861377.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
4782	479863.1	3861377.3	2.18E-04	2.24E-04	2.11E-04	7.56E-08	2.28E-07	1.32E-07	1.35E-07	1.23E-07	5.60E-08	5.28E-08	2.52E-09	6.10E-08	1.35E-08	1.84E-08	2.92E-08	5.14E-09	2.77E-08	1.57E-07
4783	480363.1	3861377.3	2.38E-04	2.43E-04	2.30E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.09E-08	5.75E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.59E-09	3.02E-08	1.71E-07
4784	480863.1	3861377.3	2.49E-04	2.55E-04	2.41E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	6.03E-08	2.88E-09	6.96E-08	1.54E-08	2.10E-08	3.33E-08	5.87E-09	3.17E-08	1.80E-07
4785	481363.1	3861377.3	2.60E-04	2.66E-04	2.51E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.66E-08	6.28E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.11E-09	3.30E-08	1.87E-07
4786	481863.1	3861377.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
4787	482363.1	3861377.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
4788	482863.1	3861377.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
4789	483363.1	3861377.3	3.01E-04	3.08E-04	2.91E-04	1.04E-07	3.15E-07	1.82E-07	1.87E-07	1.69E-07	7.72E-08	7.28E-08	3.48E-09	8.41E-08	1.86E-08	2.53E-08	4.02E-08	7.08E-09	3.82E-08	2.17E-07
4790	483863.1	3861377.3	3.13E-04	3.20E-04	3.02E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.76E-07	8.02E-08	7.57E-08	3.62E-09	8.74E-08	1.93E-08	2.63E-08	4.18E-08	7.36E-09	3.97E-08	2.25E-07
4791	484363.1	3861377.3	3.26E-04	3.34E-04	3.15E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.36E-08	7.89E-08	3.77E-09	9.11E-08	2.01E-08	2.74E-08	4.35E-08	7.67E-09	4.14E-08	2.35E-07
4792	484863.1	3861377.3	3.39E-04	3.48E-04	3.28E-04	1.18E-07	3.55E-07	2.05E-07	2.10E-07	1.91E-07	8.70E-08	8.21E-08	3.92E-09	9.48E-08	2.09E-08	2.86E-08	4.53E-08	7.99E-09	4.31E-08	2.45E-07
4793	485363.1	3861377.3	3.51E-04	3.60E-04	3.39E-04	1.22E-07	3.67E-07	2.13E-07	2.18E-07	1.97E-07	9.00E-08	8.49E-08	4.06E-09	9.81E-08	2.16E-08	2.96E-08	4.69E-08	8.26E-09	4.46E-08	2.53E-07
4794	485863.1	3861377.3	3.67E-04	3.76E-04	3.55E-04	1.27E-07	3.84E-07	2.22E-07	2.28E-07	2.06E-07	9.42E-08	8.89E-08	4.25E-09	1.03E-07	2.26E-08	3.09E-08	4.91E-08	8.65E-09	4.66E-08	2.65E-07
4795	486363.1	3861377.3	3.91E-04	4.01E-04	3.78E-04	1.35E-07	4.09E-07	2.37E-07	2.42E-07	2.20E-07	1.00E-07	9.46E-08	4.52E-09	1.09E-07	2.41E-08	3.29E-08	5.22E-08	9.20E-09	4.96E-08	2.82E-07
4796	486863.1	3861377.3	4.19E-04	4.29E-04	4.05E-04	1.45E-07	4.38E-07	2.54E-07	2.60E-07	2.35E-07	1.07E-07	1.01E-07	4.85E-09	1.17E-07	2.58E-08	3.53E-08	5.59E-08	9.86E-09	5.32E-08	3.02E-07
4797	487363.1	3861377.3	4.49E-04	4.60E-04	4.33E-04	1.55E-07	4.69E-07	2.71E-07	2.78E-07	2.52E-07	1.15E-07	1.08E-07	5.19E-09	1.25E-07	2.76E-08	3.78E-08	5.99E-08	1.06E-08	5.69E-08	3.23E-07
4798	487863.1	3861377.3	4.81E-04	4.93E-04	4.65E-04	1.67E-07	5.03E-07	2.91E-07	2.98E-07	2.70E-07	1.23E-07	1.16E-07	5.56E-09	1.34E-07	2.96E-08	4.05E-08	6.42E-08	1.13E-08	6.11E-08	3.47E-07
4799	488363.1	3861377.3	5.20E-04	5.32E-04	5.02E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.33E-07	1.26E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.22E-08	6.59E-08	3.74E-07
4800	488863.1	3861377.3	5.62E-04	5.76E-04	5.43E-04	1.95E-07	5.88E-07	3.40E-07	3.48E-07	3.16E-07	1.44E-07	1.36E-07	6.50E-09	1.57E-07	3.46E-08	4.73E-08	7.51E-08	1.32E-08	7.14E-08	4.05E-07
4801	489363.1	3861377.3	6.08E-04	6.23E-04	5.87E-04	2.10E-07	6.36E-07	3.68E-07	3.77E-07	3.42E-07	1.56E-07	1.47E-07	7.03E-09	1.70E-07	3.75E-08	5.12E-08	8.12E-08	1.43E-08	7.72E-08	4.38E-07
4802	489863.1	3861377.3	6.72E-04	6.88E-04	6.49E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.58E-08	8.52E-08	4.84E-07
4803	490363.1	3861377.3	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
4804	490863.1	3861377.3	9.08E-04	9.30E-04	8.77E-04	3.14E-07	9.49E-07	5.49E-07	5.63E-07	5.10E-07	2.33E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.64E-08	1.21E-07	2.14E-08	1.15E-07	6.54E-07
4805	491363.1	3861377.3	1.13E-03	1.15E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.89E-07	2.73E-07	1.30E-08	3.15E-07	6.95E-08	9.49E-08	1.51E-07	2.65E-08	1.43E-07	8.12E-07
4806	491863.1	3861377.3	1.56E-03	1.59E-03	1.50E-03	5.38E-07	1.63E-06	9.41E-07	9.64E-07	8.74E-07	3.99E-07	3.76E-07	1.80E-08	4.34E-07	9.58E-08	1.31E-07	2.08E-07	3.66E-08	1.97E-07	1.12E-06
4807	492363.1	3861377.3	2.74E-03	2.80E-03	2.64E-03	9.47E-07	2.86E-06	1.66E-06	1.70E-06	1.54E-06	7.01E-07	6.62E-07	3.16E-08	7.64E-07	1.69E-07	2.30E-07	3.65E-07	6.44E-08	3.47E-07	1.97E-06
4808	492863.1	3861377.3	9.51E-03	9.74E-03	9.19E-03	3.29E-06	9.94E-06	5.75E-06	5.89E-06	5.34E-06	2.44E-06	2.30E-06	1.10E-07	2.65E-06	5.86E-07	8.00E-07	1.27E-06	2.24E-07	1.21E-06	6.85E-06
4809	493363.1	3861377.3	4.26E-02	4.37E-02	4.12E-02	1.48E-05	4.46E-05	2.58E-05	2.64E-05	2.40E-05	1.09E-05	1.03E-05	4.93E-07	1.19E-05	2.63E-06	3.59E-06	5.69E-06	1.00E-06	5.41E-06	3.07E-05

4810	493863.1	3861377.3	1.27E-02	1.30E-02	1.23E-02	4.40E-06	1.33E-05	7.69E-06	7.88E-06	7.14E-06	3.26E-06	3.07E-06	1.47E-07	3.55E-06	7.83E-07	1.07E-06	1.70E-06	2.99E-07	1.61E-06	9.16E-06
4811	494363.1	3861377.3	7.35E-03	7.53E-03	7.10E-03	2.54E-06	7.68E-06	4.45E-06	4.55E-06	4.13E-06	1.88E-06	1.78E-06	8.49E-08	2.05E-06	4.53E-07	6.18E-07	9.81E-07	1.73E-07	9.32E-07	5.29E-06
4812	494863.1	3861377.3	5.16E-03	5.28E-03	4.98E-03	1.79E-06	5.39E-06	3.12E-06	3.20E-06	2.90E-06	1.32E-06	1.25E-06	5.96E-08	1.44E-06	3.18E-07	4.34E-07	6.89E-07	1.21E-07	6.55E-07	3.72E-06
4813	495363.1	3861377.3	4.03E-03	4.13E-03	3.90E-03	1.40E-06	4.22E-06	2.44E-06	2.50E-06	2.27E-06	1.03E-06	9.75E-07	4.66E-08	1.13E-06	2.49E-07	3.39E-07	5.38E-07	9.49E-08	5.12E-07	2.91E-06
4814	495863.1	3861377.3	3.36E-03	3.44E-03	3.25E-03	1.16E-06	3.52E-06	2.04E-06	2.08E-06	1.89E-06	8.62E-07	8.13E-07	3.89E-08	9.39E-07	2.07E-07	2.83E-07	4.49E-07	7.91E-08	4.27E-07	2.42E-06
4815	496363.1	3861377.3	2.79E-03	2.86E-03	2.69E-03	9.65E-07	2.91E-06	1.69E-06	1.73E-06	1.57E-06	7.15E-07	6.74E-07	3.22E-08	7.78E-07	1.72E-07	2.35E-07	3.72E-07	6.56E-08	3.54E-07	2.01E-06
4816	496863.1	3861377.3	2.18E-03	2.24E-03	2.11E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.60E-07	5.28E-07	2.52E-08	6.09E-07	1.34E-07	1.84E-07	2.91E-07	5.13E-08	2.77E-07	1.57E-06
4817	497363.1	3861377.3	1.91E-03	1.96E-03	1.85E-03	6.63E-07	2.00E-06	1.16E-06	1.19E-06	1.08E-06	4.91E-07	4.63E-07	2.21E-08	5.34E-07	1.18E-07	1.61E-07	2.56E-07	4.50E-08	2.43E-07	1.38E-06
4818	497863.1	3861377.3	1.70E-03	1.74E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.56E-07	4.36E-07	4.11E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	4.00E-08	2.16E-07	1.23E-06
4819	498363.1	3861377.3	1.52E-03	1.56E-03	1.47E-03	5.27E-07	1.59E-06	9.22E-07	9.44E-07	8.56E-07	3.90E-07	3.68E-07	1.76E-08	4.25E-07	9.38E-08	1.28E-07	2.03E-07	3.58E-08	1.93E-07	1.10E-06
4820	471363.1	3861877.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
4821	471863.1	3861877.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
4822	472363.1	3861877.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
4823	472863.1	3861877.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4824	473363.1	3861877.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4825	473863.1	3861877.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4826	474363.1	3861877.3	1.70E-04	1.74E-04	1.64E-04	5.88E-08	1.77E-07	1.03E-07	1.05E-07	9.53E-08	4.35E-08	4.10E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.27E-08	3.99E-09	2.15E-08	1.22E-07
4827	474863.1	3861877.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
4828	475363.1	3861877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4829	475863.1	3861877.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
4830	476363.1	3861877.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
4831	476863.1	3861877.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
4832	477363.1	3861877.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
4833	477863.1	3861877.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4834	478363.1	3861877.3	1.30E-04	1.33E-04	1.25E-04	4.50E-08	1.36E-07	7.86E-08	8.05E-08	7.30E-08	3.33E-08	3.14E-08	1.50E-09	3.63E-08	8.00E-09	1.09E-08	1.73E-08	3.06E-09	1.65E-08	9.36E-08
4835	478863.1	3861877.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
4836	479363.1	3861877.3	1.48E-04	1.51E-04	1.43E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.57E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
4837	479863.1	3861877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4838	480363.1	3861877.3	2.27E-04	2.33E-04	2.20E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.83E-08	5.50E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.35E-09	2.88E-08	1.64E-07
4839	480863.1	3861877.3	2.36E-04	2.42E-04	2.28E-04	8.17E-08	2.47E-07	1.43E-07	1.46E-07	1.33E-07	6.05E-08	5.71E-08	2.73E-09	6.59E-08	1.45E-08	1.99E-08	3.15E-08	5.56E-09	3.00E-08	1.70E-07
4840	481363.1	3861877.3	2.45E-04	2.51E-04	2.37E-04	8.48E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.28E-08	5.92E-08	2.83E-09	6.84E-08	1.51E-08	2.06E-08	3.27E-08	5.76E-09	3.11E-08	1.77E-07
4841	481863.1	3861877.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
4842	482363.1	3861877.3	2.64E-04	2.71E-04	2.55E-04	9.15E-08	2.76E-07	1.60E-07	1.64E-07	1.48E-07	6.77E-08	6.39E-08	3.05E-09	7.38E-08	1.63E-08	2.22E-08	3.53E-08	6.21E-09	3.35E-08	1.90E-07
4843	482863.1	3861877.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
4844	483363.1	3861877.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
4845	483863.1	3861877.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
4846	484363.1	3861877.3	3.01E-04	3.08E-04	2.91E-04	1.04E-07	3.15E-07	1.82E-07	1.87E-07	1.69E-07	7.72E-08	7.28E-08	3.48E-09	8.41E-08	1.86E-08	2.53E-08	4.02E-08	7.08E-09	3.82E-08	2.17E-07
4847	484863.1	3861877.3	3.13E-04	3.20E-04	3.02E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.76E-07	8.02E-08	7.57E-08	3.62E-09	8.74E-08	1.93E-08	2.63E-08	4.18E-08	7.36E-09	3.97E-08	2.25E-07
4848	485363.1	3861877.3	3.22E-04	3.30E-04	3.11E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.81E-07	8.25E-08	7.78E-08	3.72E-09	8.98E-08	1.98E-08	2.71E-08	4.29E-08	7.57E-09	4.08E-08	2.32E-07
4849	485863.1	3861877.3	3.32E-04	3.40E-04	3.21E-04	1.15E-07	3.47E-07	2.01E-07	2.06E-07	1.87E-07	8.51E-08	8.03E-08	3.84E-09	9.27E-08	2.05E-08	2.79E-08	4.43E-08	7.81E-09	4.21E-08	2.39E-07
4850	486363.1	3861877.3	3.50E-04	3.58E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.97E-08	8.46E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.44E-08	2.52E-07
4851	486863.1	3861877.3	3.72E-04	3.81E-04	3.59E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.09E-07	9.53E-08	8.99E-08	4.30E-09	1.04E-07	2.29E-08	3.13E-08	4.96E-08	8.75E-09	4.72E-08	2.68E-07
4852	487363.1	3861877.3	3.96E-04	4.05E-04	3.82E-04	1.37E-07	4.13E-07	2.39E-07	2.45E-07	2.22E-07	1.01E-07	9.56E-08	4.57E-09	1.10E-07	2.44E-08	3.33E-08	5.28E-08	9.30E-09	5.02E-08	2.85E-07
4853	487863.1	3861877.3	4.19E-04	4.29E-04	4.05E-04	1.45E-07	4.38E-07	2.54E-07	2.60E-07	2.35E-07	1.07E-07	1.01E-07	4.85E-09	1.17E-07	2.58E-08	3.53E-08	5.59E-08	9.86E-09	5.32E-08	3.02E-07
4854	488363.1	3861877.3	4.47E-04	4.58E-04	4.32E-04	1.55E-07	4.67E-07	2.71E-07	2.77E-07	2.51E-07	1.15E-07	1.08E-07	5.17E-09	1.25E-07	2.76E-08	3.76E-08	5.97E-08	1.05E-08	5.67E-08	3.22E-07
4855	488863.1	3861877.3	4.80E-04	4.91E-04	4.63E-04	1.66E-07	5.01E-07	2.90E-07	2.97E-07	2.69E-07	1.23E-07	1.16E-07	5.54E-09	1.34E-07	2.96E-08	4.04E-08	6.40E-08	1.13E-08	6.09E-08	3.46E-07
4856	489363.1	3861877.3	5.14E-04	5.26E-04	4.96E-04	1.78E-07	5.37E-07	3.11E-07	3.18E-07	2.89E-07	1.32E-07	1.24E-07	5.94E-09	1.43E-07	3.16E-08	4.32E-08	6.86E-08	1.21E-08	6.52E-08	3.70E-07
4857	489863.1	3861877.3	5.55E-04	5.68E-04	5.36E-04	1.92E-07	5.80E-07	3.36E-07	3.44E-07	3.12E-07	1.42E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.67E-08	7.41E-08	1.31E-08	7.04E-08	4.00E-07
4858	490363.1	3861877.3	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
4859	490863.1	3861877.3	6.91E-04	7.07E-04	6.67E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.77E-07	1.67E-07	7.98E-09	1.93E-07	4.26E-08	5.81E-08	9.22E-08	1.62E-08	8.76E-08	4.98E-07
4860	491363.1	3861877.3	8.01E-04	8.21E-04	7.74E-04	2.77E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.05E-07	1.94E-07	9.26E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.89E-08	1.02E-07	5.77E-07
4861	491863.1	3861877.3	9.53E-04	9.77E-04	9.21E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.44E-07	2.31E-07	1.10E-08	2.66E-07	5.87E-08	8.02E-08	1.27E-07	2.24E-08	1.21E-07	6.87E-07
4862	492363.1	3861877.3	1.18E-03	1.21E-03	1.14E-03	4.08E-07	1.23E-06	7.14E-07	7.31E-07	6.62E-07	3.02E-07	2.85E-07	1.36E-08	3.29E-07	7.27E-08	9.92E-08	1.57E-07	2.77E-08	1.50E-07	8.50E-07
4863	492863.1	3861877.3	1.53E-03	1.56E-03	1.47E-03	5.28E-07	1.60E-06	9.23E-07	9.46E-07	8.57E-07	3.91E-07	3.69E-07	1.76E-08	4.26E-07	9.40E-08	1.28E-07	2.04E-07	3.59E-08	1.94E-07	1.10E-06
4864	493363.1	3861877.3	2.06E-03	2.11E-03	1.99E-03	7.14E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.29E-07	4.99E-07	2.38E-08	5.76E-07	1.27E-07	1.73E-07	2.75E-07	4.85E-08	2.62E-07	1.49E-06
4865	493863.1	3861877.3	3.04E-03	3.11E-03	2.94E-03	1.05E-06	3.18E-06	1.84E-06	1.88E-06	1.71E-06	7.79E-07	7.35E-07	3.51E-08	8.48E-07	1.87E-07	2.56E-07	4.06E-07	7.15E-08	3.86E-07	2.19E-06

4866	494363.1	3861877.3	5.46E-03	5.59E-03	5.27E-03	1.89E-06	5.70E-06	3.30E-06	3.38E-06	3.07E-06	1.40E-06	1.32E-06	6.31E-08	1.52E-06	3.36E-07	4.59E-07	7.28E-07	1.28E-07	6.92E-07	3.93E-06
4867	494863.1	3861877.3	2.23E-02	2.28E-02	2.15E-02	7.71E-06	2.33E-05	1.35E-05	1.38E-05	1.25E-05	5.71E-06	5.39E-06	2.58E-07	6.22E-06	1.37E-06	1.88E-06	2.97E-06	5.24E-07	2.83E-06	1.61E-05
4868	495363.1	3861877.3	2.61E-02	2.68E-02	2.52E-02	9.04E-06	2.73E-05	1.58E-05	1.62E-05	1.47E-05	6.70E-06	6.32E-06	3.02E-07	7.30E-06	1.61E-06	2.20E-06	3.49E-06	6.15E-07	3.32E-06	1.88E-05
4869	495863.1	3861877.3	1.07E-02	1.10E-02	1.04E-02	3.72E-06	1.12E-05	6.50E-06	6.66E-06	6.04E-06	2.75E-06	2.60E-06	1.24E-07	3.00E-06	6.62E-07	9.04E-07	1.43E-06	2.53E-07	1.36E-06	7.74E-06
4870	496363.1	3861877.3	6.75E-03	6.91E-03	6.52E-03	2.34E-06	7.05E-06	4.08E-06	4.18E-06	3.79E-06	1.73E-06	1.63E-06	7.80E-08	1.88E-06	4.16E-07	5.68E-07	9.01E-07	1.59E-07	8.56E-07	4.86E-06
4871	496863.1	3861877.3	3.50E-03	3.58E-03	3.38E-03	1.21E-06	3.66E-06	2.12E-06	2.17E-06	1.97E-06	8.97E-07	8.46E-07	4.04E-08	9.77E-07	2.16E-07	2.94E-07	4.67E-07	8.23E-08	4.44E-07	2.52E-06
4872	497363.1	3861877.3	3.67E-03	3.76E-03	3.55E-03	1.27E-06	3.84E-06	2.22E-06	2.28E-06	2.06E-06	9.42E-07	8.89E-07	4.25E-08	1.03E-06	2.26E-07	3.09E-07	4.91E-07	8.65E-08	4.66E-07	2.65E-06
4873	497863.1	3861877.3	3.28E-03	3.36E-03	3.17E-03	1.14E-06	3.43E-06	1.98E-06	2.03E-06	1.84E-06	8.41E-07	7.93E-07	3.79E-08	9.16E-07	2.02E-07	2.76E-07	4.38E-07	7.71E-08	4.16E-07	2.36E-06
4874	498363.1	3861877.3	2.85E-03	2.92E-03	2.76E-03	9.88E-07	2.98E-06	1.73E-06	1.77E-06	1.60E-06	7.31E-07	6.90E-07	3.30E-08	7.97E-07	1.76E-07	2.40E-07	3.81E-07	6.71E-08	3.62E-07	2.06E-06
4875	471363.1	3862377.3	1.48E-04	1.51E-04	1.43E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.57E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
4876	471863.1	3862377.3	1.49E-04	1.53E-04	1.44E-04	5.16E-08	1.56E-07	9.02E-08	9.24E-08	8.37E-08	3.82E-08	3.60E-08	1.72E-09	4.16E-08	9.18E-09	1.25E-08	1.99E-08	3.51E-09	1.89E-08	1.07E-07
4877	472363.1	3862377.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
4878	472863.1	3862377.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
4879	473363.1	3862377.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
4880	473863.1	3862377.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4881	474363.1	3862377.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4882	474863.1	3862377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4883	475363.1	3862377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4884	475863.1	3862377.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4885	476363.1	3862377.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4886	476863.1	3862377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
4887	477363.1	3862377.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
4888	477863.1	3862377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4889	478363.1	3862377.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
4890	478863.1	3862377.3	1.55E-04	1.59E-04	1.50E-04	5.36E-08	1.62E-07	9.38E-08	9.60E-08	8.71E-08	3.97E-08	3.75E-08	1.79E-09	4.33E-08	9.55E-09	1.30E-08	2.07E-08	3.65E-09	1.97E-08	1.12E-07
4891	479363.1	3862377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4892	479863.1	3862377.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
4893	480363.1	3862377.3	2.17E-04	2.22E-04	2.10E-04	7.51E-08	2.27E-07	1.31E-07	1.34E-07	1.22E-07	5.56E-08	5.25E-08	2.51E-09	6.06E-08	1.34E-08	1.83E-08	2.90E-08	5.10E-09	2.75E-08	1.56E-07
4894	480863.1	3862377.3	2.24E-04	2.30E-04	2.17E-04	7.77E-08	2.34E-07	1.36E-07	1.39E-07	1.26E-07	5.75E-08	5.42E-08	2.59E-09	6.26E-08	1.38E-08	1.89E-08	2.99E-08	5.28E-09	2.85E-08	1.62E-07
4895	481363.1	3862377.3	2.32E-04	2.37E-04	2.24E-04	8.02E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.60E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.94E-08	1.67E-07
4896	481863.1	3862377.3	2.42E-04	2.48E-04	2.34E-04	8.38E-08	2.53E-07	1.46E-07	1.50E-07	1.36E-07	6.20E-08	5.85E-08	2.80E-09	6.76E-08	1.49E-08	2.04E-08	3.23E-08	5.69E-09	3.07E-08	1.74E-07
4897	482363.1	3862377.3	2.49E-04	2.55E-04	2.41E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	6.03E-08	2.88E-09	6.96E-08	1.54E-08	2.10E-08	3.33E-08	5.87E-09	3.17E-08	1.80E-07
4898	482863.1	3862377.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
4899	483363.1	3862377.3	2.63E-04	2.69E-04	2.54E-04	9.09E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.35E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.33E-08	1.89E-07
4900	483863.1	3862377.3	2.70E-04	2.77E-04	2.61E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.52E-07	6.92E-08	6.53E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.61E-08	6.35E-09	3.43E-08	1.95E-07
4901	484363.1	3862377.3	2.79E-04	2.86E-04	2.69E-04	9.66E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	7.15E-08	6.74E-08	3.22E-09	7.79E-08	1.72E-08	2.35E-08	3.72E-08	6.56E-09	3.54E-08	2.01E-07
4902	484863.1	3862377.3	2.91E-04	2.98E-04	2.81E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.45E-08	7.03E-08	3.36E-09	8.12E-08	1.79E-08	2.45E-08	3.88E-08	6.84E-09	3.69E-08	2.09E-07
4903	485363.1	3862377.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
4904	485863.1	3862377.3	3.08E-04	3.16E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.91E-08	7.46E-08	3.57E-09	8.61E-08	1.90E-08	2.60E-08	4.12E-08	7.26E-09	3.91E-08	2.22E-07
4905	486363.1	3862377.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
4906	486863.1	3862377.3	3.38E-04	3.46E-04	3.27E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.90E-07	8.66E-08	8.17E-08	3.91E-09	9.44E-08	2.08E-08	2.84E-08	4.51E-08	7.95E-09	4.29E-08	2.43E-07
4907	487363.1	3862377.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
4908	487863.1	3862377.3	3.79E-04	3.88E-04	3.66E-04	1.31E-07	3.96E-07	2.30E-07	2.35E-07	2.13E-07	9.72E-08	9.17E-08	4.38E-09	1.06E-07	2.34E-08	3.19E-08	5.06E-08	8.92E-09	4.81E-08	2.73E-07
4909	488363.1	3862377.3	4.00E-04	4.10E-04	3.86E-04	1.38E-07	4.18E-07	2.42E-07	2.48E-07	2.25E-07	1.03E-07	9.67E-08	4.62E-09	1.12E-07	2.46E-08	3.37E-08	5.34E-08	9.41E-09	5.08E-08	2.88E-07
4910	488863.1	3862377.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
4911	489363.1	3862377.3	4.55E-04	4.66E-04	4.39E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.55E-07	1.17E-07	1.10E-07	5.25E-09	1.27E-07	2.80E-08	3.82E-08	6.07E-08	1.07E-08	5.77E-08	3.27E-07
4912	489863.1	3862377.3	4.84E-04	4.96E-04	4.68E-04	1.68E-07	5.06E-07	2.93E-07	3.00E-07	2.72E-07	1.24E-07	1.17E-07	5.60E-09	1.35E-07	2.98E-08	4.07E-08	6.46E-08	1.14E-08	6.14E-08	3.49E-07
4913	490363.1	3862377.3	5.17E-04	5.29E-04	4.99E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.32E-07	1.25E-07	5.97E-09	1.44E-07	3.18E-08	4.35E-08	6.89E-08	1.22E-08	6.55E-08	3.72E-07
4914	490863.1	3862377.3	5.61E-04	5.74E-04	5.42E-04	1.94E-07	5.86E-07	3.39E-07	3.48E-07	3.15E-07	1.44E-07	1.36E-07	6.48E-09	1.57E-07	3.46E-08	4.72E-08	7.49E-08	1.32E-08	7.12E-08	4.04E-07
4915	491363.1	3862377.3	6.20E-04	6.35E-04	5.99E-04	2.15E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.59E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	5.22E-08	8.27E-08	1.46E-08	7.87E-08	4.47E-07
4916	491863.1	3862377.3	6.89E-04	7.06E-04	6.66E-04	2.39E-07	7.20E-07	4.17E-07	4.27E-07	3.87E-07	1.77E-07	1.67E-07	7.97E-09	1.92E-07	4.25E-08	5.80E-08	9.20E-08	1.62E-08	8.75E-08	4.97E-07
4917	492363.1	3862377.3	7.72E-04	7.91E-04	7.46E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.34E-07	1.98E-07	1.87E-07	8.92E-09	2.16E-07	4.76E-08	6.49E-08	1.03E-07	1.82E-08	9.79E-08	5.56E-07
4918	492863.1	3862377.3	8.84E-04	9.05E-04	8.54E-04	3.06E-07	9.24E-07	5.35E-07	5.48E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.08E-08	1.12E-07	6.37E-07
4919	493363.1	3862377.3	1.03E-03	1.05E-03	9.94E-04	3.56E-07	1.08E-06	6.22E-07	6.38E-07	5.78E-07	2.64E-07	2.49E-07	1.19E-08	2.87E-07	6.34E-08	8.66E-08	1.37E-07	2.42E-08	1.31E-07	7.41E-07
4920	493863.1	3862377.3	1.21E-03	1.23E-03	1.16E-03	4.17E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.09E-07	2.92E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.84E-08	1.53E-07	8.69E-07
4921	494363.1	3862377.3	1.46E-03	1.50E-03	1.41E-03	5.06E-07	1.53E-06	8.85E-07	9.06E-07	8.22E-07	3.75E-07	3.54E-07	1.69E-08	4.08E-07	9.01E-08	1.23E-07	1.95E-07	3.44E-08	1.86E-07	1.05E-06

4922	494863.1	3862377.3	1.83E-03	1.87E-03	1.77E-03	6.34E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.69E-07	4.42E-07	2.12E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.31E-08	2.32E-07	1.32E-06
4923	495363.1	3862377.3	2.38E-03	2.44E-03	2.30E-03	8.23E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	6.09E-07	5.75E-07	2.75E-08	6.64E-07	1.46E-07	2.00E-07	3.17E-07	5.59E-08	3.02E-07	1.71E-06
4924	495863.1	3862377.3	3.55E-03	3.64E-03	3.43E-03	1.23E-06	3.71E-06	2.15E-06	2.20E-06	1.99E-06	9.10E-07	8.58E-07	4.10E-08	9.91E-07	2.19E-07	2.99E-07	4.74E-07	8.35E-08	4.50E-07	2.56E-06
4925	496363.1	3862377.3	7.04E-03	7.21E-03	6.80E-03	2.44E-06	7.36E-06	4.26E-06	4.36E-06	3.95E-06	1.80E-06	1.70E-06	8.13E-08	1.96E-06	4.34E-07	5.92E-07	9.39E-07	1.66E-07	8.93E-07	5.07E-06
4926	496863.1	3862377.3	6.16E-02	6.31E-02	5.95E-02	2.13E-05	6.44E-05	3.73E-05	3.82E-05	3.46E-05	1.58E-05	1.49E-05	7.12E-07	1.72E-05	3.80E-06	5.19E-06	8.23E-06	1.45E-06	7.82E-06	4.44E-05
4927	497363.1	3862377.3	3.65E-02	3.74E-02	3.53E-02	1.27E-05	3.82E-05	2.21E-05	2.26E-05	2.05E-05	9.37E-06	8.84E-06	4.22E-07	1.02E-05	2.25E-06	3.08E-06	4.88E-06	8.60E-07	4.64E-06	2.63E-05
4928	497863.1	3862377.3	9.61E-02	9.84E-02	9.28E-02	3.33E-05	1.00E-04	5.81E-05	5.95E-05	5.40E-05	2.46E-05	2.32E-05	1.11E-06	2.68E-05	5.92E-06	8.09E-06	1.28E-05	2.26E-06	1.22E-05	6.92E-05
4929	498363.1	3862377.3	1.26E-02	1.29E-02	1.22E-02	4.37E-06	1.32E-05	7.64E-06	7.83E-06	7.09E-06	3.24E-06	3.05E-06	1.46E-07	3.53E-06	7.78E-07	1.06E-06	1.69E-06	2.97E-07	1.60E-06	9.10E-06
4930	471363.1	3862877.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
4931	471863.1	3862877.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
4932	472363.1	3862877.3	1.49E-04	1.53E-04	1.44E-04	5.16E-08	1.56E-07	9.02E-08	9.24E-08	8.37E-08	3.82E-08	3.60E-08	1.72E-09	4.16E-08	9.18E-09	1.25E-08	1.99E-08	3.51E-09	1.89E-08	1.07E-07
4933	472863.1	3862877.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
4934	473363.1	3862877.3	1.55E-04	1.59E-04	1.50E-04	5.36E-08	1.62E-07	9.38E-08	9.60E-08	8.71E-08	3.97E-08	3.75E-08	1.79E-09	4.33E-08	9.55E-09	1.30E-08	2.07E-08	3.65E-09	1.97E-08	1.12E-07
4935	473863.1	3862877.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
4936	474363.1	3862877.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
4937	474863.1	3862877.3	1.62E-04	1.66E-04	1.57E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.16E-08	3.93E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
4938	475363.1	3862877.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
4939	475863.1	3862877.3	1.70E-04	1.74E-04	1.64E-04	5.88E-08	1.77E-07	1.03E-07	1.05E-07	9.53E-08	4.35E-08	4.10E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.27E-08	3.99E-09	2.15E-08	1.22E-07
4940	476363.1	3862877.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
4941	476863.1	3862877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
4942	477363.1	3862877.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
4943	477863.1	3862877.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
4944	478363.1	3862877.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
4945	478863.1	3862877.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4946	479363.1	3862877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
4947	479863.1	3862877.3	1.99E-04	2.04E-04	1.92E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	5.11E-08	4.82E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.53E-08	1.44E-07
4948	480363.1	3862877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
4949	480863.1	3862877.3	2.13E-04	2.18E-04	2.05E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.14E-08	2.46E-09	5.93E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.70E-08	1.53E-07
4950	481363.1	3862877.3	2.21E-04	2.27E-04	2.14E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.67E-08	5.35E-08	2.56E-09	6.18E-08	1.36E-08	1.86E-08	2.95E-08	5.21E-09	2.81E-08	1.59E-07
4951	481863.1	3862877.3	2.29E-04	2.34E-04	2.21E-04	7.92E-08	2.39E-07	1.38E-07	1.42E-07	1.29E-07	5.86E-08	5.53E-08	2.64E-09	6.39E-08	1.41E-08	1.92E-08	3.05E-08	5.38E-09	2.90E-08	1.65E-07
4952	482363.1	3862877.3	2.35E-04	2.40E-04	2.27E-04	8.12E-08	2.45E-07	1.42E-07	1.45E-07	1.32E-07	6.02E-08	5.67E-08	2.71E-09	6.55E-08	1.45E-08	1.97E-08	3.13E-08	5.52E-09	2.98E-08	1.69E-07
4953	482863.1	3862877.3	2.41E-04	2.46E-04	2.32E-04	8.33E-08	2.51E-07	1.46E-07	1.49E-07	1.35E-07	6.17E-08	5.82E-08	2.78E-09	6.72E-08	1.48E-08	2.02E-08	3.21E-08	5.66E-09	3.05E-08	1.73E-07
4954	483363.1	3862877.3	2.48E-04	2.54E-04	2.40E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.00E-08	2.87E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
4955	483863.1	3862877.3	2.54E-04	2.60E-04	2.45E-04	8.79E-08	2.65E-07	1.54E-07	1.57E-07	1.43E-07	6.51E-08	6.14E-08	2.93E-09	7.09E-08	1.56E-08	2.14E-08	3.39E-08	5.97E-09	3.22E-08	1.83E-07
4956	484363.1	3862877.3	2.63E-04	2.69E-04	2.54E-04	9.09E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.35E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.33E-08	1.89E-07
4957	484863.1	3862877.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
4958	485363.1	3862877.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
4959	485863.1	3862877.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
4960	486363.1	3862877.3	2.98E-04	3.05E-04	2.88E-04	1.03E-07	3.12E-07	1.80E-07	1.85E-07	1.67E-07	7.64E-08	7.21E-08	3.45E-09	8.32E-08	1.84E-08	2.51E-08	3.98E-08	7.01E-09	3.78E-08	2.15E-07
4961	486863.1	3862877.3	3.11E-04	3.19E-04	3.01E-04	1.08E-07	3.25E-07	1.88E-07	1.93E-07	1.75E-07	7.98E-08	7.53E-08	3.60E-09	8.70E-08	1.92E-08	2.62E-08	4.16E-08	7.33E-09	3.95E-08	2.24E-07
4962	487363.1	3862877.3	3.28E-04	3.36E-04	3.17E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.40E-08	7.92E-08	3.79E-09	9.15E-08	2.02E-08	2.76E-08	4.37E-08	7.71E-09	4.16E-08	2.36E-07
4963	487863.1	3862877.3	3.45E-04	3.54E-04	3.34E-04	1.20E-07	3.61E-07	2.09E-07	2.14E-07	1.94E-07	8.85E-08	8.35E-08	3.99E-09	9.64E-08	2.13E-08	2.91E-08	4.61E-08	8.12E-09	4.38E-08	2.49E-07
4964	488363.1	3862877.3	3.62E-04	3.70E-04	3.49E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.27E-08	8.74E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.51E-09	4.59E-08	2.61E-07
4965	488863.1	3862877.3	3.81E-04	3.90E-04	3.68E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.14E-07	9.76E-08	9.21E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.08E-08	8.96E-09	4.83E-08	2.74E-07
4966	489363.1	3862877.3	4.03E-04	4.13E-04	3.89E-04	1.39E-07	4.21E-07	2.44E-07	2.50E-07	2.26E-07	1.03E-07	9.74E-08	4.66E-09	1.13E-07	2.48E-08	3.39E-08	5.38E-08	9.48E-09	5.11E-08	2.90E-07
4967	489863.1	3862877.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
4968	490363.1	3862877.3	4.50E-04	4.61E-04	4.35E-04	1.56E-07	4.70E-07	2.72E-07	2.79E-07	2.53E-07	1.15E-07	1.09E-07	5.20E-09	1.26E-07	2.77E-08	3.79E-08	6.01E-08	1.06E-08	5.71E-08	3.24E-07
4969	490863.1	3862877.3	4.75E-04	4.87E-04	4.59E-04	1.65E-07	4.97E-07	2.88E-07	2.95E-07	2.67E-07	1.22E-07	1.15E-07	5.49E-09	1.33E-07	2.93E-08	4.00E-08	6.34E-08	1.12E-08	6.03E-08	3.42E-07
4970	491363.1	3862877.3	5.06E-04	5.18E-04	4.89E-04	1.75E-07	5.29E-07	3.06E-07	3.14E-07	2.84E-07	1.30E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.26E-08	6.76E-08	1.19E-08	6.42E-08	3.65E-07
4971	491863.1	3862877.3	5.48E-04	5.61E-04	5.29E-04	1.90E-07	5.72E-07	3.31E-07	3.39E-07	3.08E-07	1.40E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.61E-08	7.31E-08	1.29E-08	6.95E-08	3.94E-07
4972	492363.1	3862877.3	5.92E-04	6.06E-04	5.72E-04	2.05E-07	6.19E-07	3.58E-07	3.67E-07	3.32E-07	1.52E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.98E-08	7.90E-08	1.39E-08	7.51E-08	4.26E-07
4973	492863.1	3862877.3	6.43E-04	6.59E-04	6.22E-04	2.23E-07	6.73E-07	3.89E-07	3.99E-07	3.61E-07	1.65E-07	1.56E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.59E-08	1.51E-08	8.17E-08	4.64E-07
4974	493363.1	3862877.3	7.07E-04	7.24E-04	6.83E-04	2.45E-07	7.39E-07	4.28E-07	4.38E-07	3.97E-07	1.81E-07	1.71E-07	8.17E-09	1.97E-07	4.36E-08	5.95E-08	9.44E-08	1.66E-08	8.97E-08	5.09E-07
4975	493863.1	3862877.3	7.69E-04	7.88E-04	7.43E-04	2.66E-07	8.04E-07	4.65E-07	4.77E-07	4.32E-07	1.97E-07	1.86E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.81E-08	9.76E-08	5.54E-07
4976	494363.1	3862877.3	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
4977	494863.1	3862877.3	9.77E-04	1.00E-03	9.44E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.49E-07	2.50E-07	2.36E-07	1.13E-08	2.73E-07	6.02E-08	8.22E-08	1.30E-07	2.30E-08	1.24E-07	7.04E-07

4978	495363.1	3862877.3	1.11E-03	1.14E-03	1.07E-03	3.85E-07	1.16E-06	6.72E-07	6.89E-07	6.24E-07	2.85E-07	2.69E-07	1.28E-08	3.10E-07	6.85E-08	9.35E-08	1.48E-07	2.61E-08	1.41E-07	8.01E-07
4979	495863.1	3862877.3	1.25E-03	1.28E-03	1.21E-03	4.34E-07	1.31E-06	7.58E-07	7.77E-07	7.04E-07	3.21E-07	3.03E-07	1.45E-08	3.50E-07	7.72E-08	1.05E-07	1.67E-07	2.95E-08	1.59E-07	9.03E-07
4980	496363.1	3862877.3	1.42E-03	1.45E-03	1.37E-03	4.91E-07	1.48E-06	8.58E-07	8.79E-07	7.97E-07	3.64E-07	3.43E-07	1.64E-08	3.96E-07	8.74E-08	1.19E-07	1.89E-07	3.34E-08	1.80E-07	1.02E-06
4981	496863.1	3862877.3	1.64E-03	1.67E-03	1.58E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.19E-07	4.19E-07	3.95E-07	1.89E-08	4.57E-07	1.01E-07	1.38E-07	2.18E-07	3.85E-08	2.08E-07	1.18E-06
4982	497363.1	3862877.3	1.78E-03	1.82E-03	1.72E-03	6.16E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.56E-07	4.30E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.38E-07	4.19E-08	2.26E-07	1.28E-06
4983	497863.1	3862877.3	1.78E-03	1.82E-03	1.72E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.57E-07	4.31E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.38E-07	4.19E-08	2.26E-07	1.28E-06
4984	498363.1	3862877.3	1.71E-03	1.75E-03	1.65E-03	5.93E-07	1.79E-06	1.04E-06	1.06E-06	9.62E-07	4.39E-07	4.14E-07	1.98E-08	4.78E-07	1.05E-07	1.44E-07	2.29E-07	4.03E-08	2.17E-07	1.23E-06
4985	471363.1	3863377.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
4986	471863.1	3863377.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
4987	472363.1	3863377.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
4988	472863.1	3863377.3	1.48E-04	1.51E-04	1.43E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.57E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
4989	473363.1	3863377.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
4990	473863.1	3863377.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
4991	474363.1	3863377.3	1.55E-04	1.59E-04	1.50E-04	5.36E-08	1.62E-07	9.38E-08	9.60E-08	8.71E-08	3.97E-08	3.75E-08	1.79E-09	4.33E-08	9.55E-09	1.30E-08	2.07E-08	3.65E-09	1.97E-08	1.12E-07
4992	474863.1	3863377.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
4993	475363.1	3863377.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
4994	475863.1	3863377.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
4995	476363.1	3863377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
4996	476863.1	3863377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
4997	477363.1	3863377.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
4998	477863.1	3863377.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
4999	478363.1	3863377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
5000	478863.1	3863377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
5001	479363.1	3863377.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
5002	479863.1	3863377.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
5003	480363.1	3863377.3	1.99E-04	2.04E-04	1.92E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	5.11E-08	4.82E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.53E-08	1.44E-07
5004	480863.1	3863377.3	2.04E-04	2.09E-04	1.97E-04	7.05E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.22E-08	4.92E-08	2.35E-09	5.69E-08	1.25E-08	1.71E-08	2.72E-08	4.79E-09	2.58E-08	1.47E-07
5005	481363.1	3863377.3	2.11E-04	2.16E-04	2.04E-04	7.31E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.41E-08	5.10E-08	2.44E-09	5.89E-08	1.30E-08	1.78E-08	2.82E-08	4.96E-09	2.68E-08	1.52E-07
5006	481863.1	3863377.3	2.18E-04	2.24E-04	2.11E-04	7.56E-08	2.28E-07	1.32E-07	1.35E-07	1.23E-07	5.60E-08	5.28E-08	2.52E-09	6.10E-08	1.35E-08	1.84E-08	2.92E-08	5.14E-09	2.77E-08	1.57E-07
5007	482363.1	3863377.3	2.24E-04	2.30E-04	2.17E-04	7.77E-08	2.34E-07	1.36E-07	1.39E-07	1.26E-07	5.75E-08	5.42E-08	2.59E-09	6.26E-08	1.38E-08	1.89E-08	2.99E-08	5.28E-09	2.85E-08	1.62E-07
5008	482863.1	3863377.3	2.29E-04	2.34E-04	2.21E-04	7.92E-08	2.39E-07	1.38E-07	1.42E-07	1.29E-07	5.86E-08	5.53E-08	2.64E-09	6.39E-08	1.41E-08	1.92E-08	3.05E-08	5.38E-09	2.90E-08	1.65E-07
5009	483363.1	3863377.3	2.35E-04	2.40E-04	2.27E-04	8.12E-08	2.45E-07	1.42E-07	1.45E-07	1.32E-07	6.02E-08	5.67E-08	2.71E-09	6.55E-08	1.45E-08	1.97E-08	3.13E-08	5.52E-09	2.98E-08	1.69E-07
5010	483863.1	3863377.3	2.41E-04	2.46E-04	2.32E-04	8.33E-08	2.51E-07	1.46E-07	1.49E-07	1.35E-07	6.17E-08	5.82E-08	2.78E-09	6.72E-08	1.48E-08	2.02E-08	3.21E-08	5.66E-09	3.05E-08	1.73E-07
5011	484363.1	3863377.3	2.48E-04	2.54E-04	2.40E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.00E-08	2.87E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
5012	484863.1	3863377.3	2.57E-04	2.63E-04	2.48E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.58E-08	6.21E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	6.04E-09	3.26E-08	1.85E-07
5013	485363.1	3863377.3	2.64E-04	2.71E-04	2.55E-04	9.15E-08	2.76E-07	1.60E-07	1.64E-07	1.48E-07	6.77E-08	6.39E-08	3.05E-09	7.38E-08	1.63E-08	2.22E-08	3.53E-08	6.21E-09	3.35E-08	1.90E-07
5014	485863.1	3863377.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
5015	486363.1	3863377.3	2.77E-04	2.84E-04	2.68E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	7.11E-08	6.71E-08	3.21E-09	7.75E-08	1.71E-08	2.33E-08	3.70E-08	6.53E-09	3.52E-08	2.00E-07
5016	486863.1	3863377.3	2.88E-04	2.95E-04	2.78E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.38E-08	6.96E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.77E-09	3.65E-08	2.07E-07
5017	487363.1	3863377.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
5018	487863.1	3863377.3	3.14E-04	3.22E-04	3.04E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	8.06E-08	7.60E-08	3.63E-09	8.78E-08	1.94E-08	2.65E-08	4.20E-08	7.40E-09	3.99E-08	2.26E-07
5019	488363.1	3863377.3	3.28E-04	3.36E-04	3.17E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.40E-08	7.92E-08	3.79E-09	9.15E-08	2.02E-08	2.76E-08	4.37E-08	7.71E-09	4.16E-08	2.36E-07
5020	488863.1	3863377.3	3.42E-04	3.51E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	8.05E-09	4.34E-08	2.47E-07
5021	489363.1	3863377.3	3.57E-04	3.66E-04	3.45E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.01E-07	9.16E-08	8.64E-08	4.13E-09	9.97E-08	2.20E-08	3.01E-08	4.77E-08	8.40E-09	4.53E-08	2.57E-07
5022	489863.1	3863377.3	3.75E-04	3.84E-04	3.62E-04	1.30E-07	3.92E-07	2.27E-07	2.32E-07	2.11E-07	9.61E-08	9.06E-08	4.33E-09	1.05E-07	2.31E-08	3.15E-08	5.00E-08	8.82E-09	4.76E-08	2.70E-07
5023	490363.1	3863377.3	3.93E-04	4.02E-04	3.79E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	1.01E-07	9.49E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.24E-09	4.98E-08	2.83E-07
5024	490863.1	3863377.3	4.09E-04	4.19E-04	3.95E-04	1.42E-07	4.27E-07	2.47E-07	2.53E-07	2.30E-07	1.05E-07	9.88E-08	4.73E-09	1.14E-07	2.52E-08	3.44E-08	5.46E-08	9.62E-09	5.19E-08	2.95E-07
5025	491363.1	3863377.3	4.27E-04	4.37E-04	4.12E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.69E-08	1.00E-08	5.41E-08	3.07E-07
5026	491863.1	3863377.3	4.49E-04	4.60E-04	4.33E-04	1.55E-07	4.69E-07	2.71E-07	2.78E-07	2.52E-07	1.15E-07	1.08E-07	5.19E-09	1.25E-07	2.76E-08	3.78E-08	5.99E-08	1.06E-08	5.69E-08	3.23E-07
5027	492363.1	3863377.3	4.69E-04	4.81E-04	4.53E-04	1.62E-07	4.91E-07	2.84E-07	2.91E-07	2.64E-07	1.20E-07	1.13E-07	5.43E-09	1.31E-07	2.89E-08	3.95E-08	6.26E-08	1.10E-08	5.96E-08	3.38E-07
5028	492863.1	3863377.3	4.62E-04	4.73E-04	4.46E-04	1.60E-07	4.83E-07	2.80E-07	2.86E-07	2.60E-07	1.18E-07	1.12E-07	5.34E-09	1.29E-07	2.85E-08	3.89E-08	6.17E-08	1.09E-08	5.86E-08	3.33E-07
5029	493363.1	3863377.3	4.41E-04	4.52E-04	4.26E-04	1.53E-07	4.61E-07	2.67E-07	2.73E-07	2.48E-07	1.13E-07	1.07E-07	5.10E-09	1.23E-07	2.72E-08	3.71E-08	5.89E-08	1.04E-08	5.60E-08	3.18E-07
5030	493863.1	3863377.3	4.66E-04	4.78E-04	4.51E-04	1.61E-07	4.87E-07	2.82E-07	2.89E-07	2.62E-07	1.20E-07	1.13E-07	5.39E-09	1.30E-07	2.87E-08	3.92E-08	6.23E-08	1.10E-08	5.92E-08	3.36E-07
5031	494363.1	3863377.3	5.20E-04	5.32E-04	5.02E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.33E-07	1.26E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.22E-08	6.59E-08	3.74E-07
5032	494863.1	3863377.3	5.30E-04	5.43E-04	5.12E-04	1.83E-07	5.54E-07	3.21E-07	3.28E-07	2.98E-07	1.36E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.46E-08	7.07E-08	1.25E-08	6.72E-08	3.82E-07
5033	495363.1	3863377.3	5.21E-04	5.34E-04	5.03E-04	1.80E-07	5.45E-07	3.15E-07	3.23E-07	2.93E-07	1.34E-07	1.26E-07	6.02E-09	1.45E-07	3.21E-08	4.38E-08	6.95E-08	1.23E-08	6.61E-08	3.75E-07

5034	495863.1	3863377.3	5.30E-04	5.43E-04	5.12E-04	1.83E-07	5.54E-07	3.21E-07	3.28E-07	2.98E-07	1.36E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.46E-08	7.07E-08	1.25E-08	6.72E-08	3.82E-07
5035	496363.1	3863377.3	7.38E-04	7.56E-04	7.13E-04	2.55E-07	7.71E-07	4.47E-07	4.57E-07	4.15E-07	1.89E-07	1.78E-07	8.53E-09	2.06E-07	4.55E-08	6.21E-08	9.85E-08	1.74E-08	9.36E-08	5.32E-07
5036	496863.1	3863377.3	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
5037	497363.1	3863377.3	7.50E-04	7.68E-04	7.24E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.92E-07	1.81E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.76E-08	9.51E-08	5.40E-07
5038	497863.1	3863377.3	7.26E-04	7.44E-04	7.02E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.86E-07	1.76E-07	8.39E-09	2.03E-07	4.47E-08	6.11E-08	9.69E-08	1.71E-08	9.21E-08	5.23E-07
5039	498363.1	3863377.3	7.20E-04	7.38E-04	6.96E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.05E-07	1.85E-07	1.74E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.69E-08	9.14E-08	5.19E-07
5040	471363.1	3863877.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
5041	471863.1	3863877.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
5042	472363.1	3863877.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
5043	472863.1	3863877.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
5044	473363.1	3863877.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5045	473863.1	3863877.3	1.49E-04	1.53E-04	1.44E-04	5.16E-08	1.56E-07	9.02E-08	9.24E-08	8.37E-08	3.82E-08	3.60E-08	1.72E-09	4.16E-08	9.18E-09	1.25E-08	1.99E-08	3.51E-09	1.89E-08	1.07E-07
5046	474363.1	3863877.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
5047	474863.1	3863877.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
5048	475363.1	3863877.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
5049	475863.1	3863877.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
5050	476363.1	3863877.3	1.62E-04	1.66E-04	1.57E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.16E-08	3.93E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
5051	476863.1	3863877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
5052	477363.1	3863877.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
5053	477863.1	3863877.3	1.70E-04	1.74E-04	1.64E-04	5.88E-08	1.77E-07	1.03E-07	1.05E-07	9.53E-08	4.35E-08	4.10E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.27E-08	3.99E-09	2.15E-08	1.22E-07
5054	478363.1	3863877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
5055	478863.1	3863877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5056	479363.1	3863877.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
5057	479863.1	3863877.3	1.87E-04	1.92E-04	1.81E-04	6.49E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.53E-08	2.17E-09	5.23E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.38E-08	1.35E-07
5058	480363.1	3863877.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
5059	480863.1	3863877.3	1.96E-04	2.01E-04	1.90E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	5.03E-08	4.75E-08	2.27E-09	5.48E-08	1.21E-08	1.65E-08	2.62E-08	4.62E-09	2.49E-08	1.41E-07
5060	481363.1	3863877.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
5061	481863.1	3863877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
5062	482363.1	3863877.3	2.13E-04	2.18E-04	2.05E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.14E-08	2.46E-09	5.93E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.70E-08	1.53E-07
5063	482863.1	3863877.3	2.17E-04	2.22E-04	2.10E-04	7.51E-08	2.27E-07	1.31E-07	1.34E-07	1.22E-07	5.56E-08	5.25E-08	2.51E-09	6.06E-08	1.34E-08	1.83E-08	2.90E-08	5.10E-09	2.75E-08	1.56E-07
5064	483363.1	3863877.3	2.21E-04	2.27E-04	2.14E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.67E-08	5.35E-08	2.56E-09	6.18E-08	1.36E-08	1.86E-08	2.95E-08	5.21E-09	2.81E-08	1.59E-07
5065	483863.1	3863877.3	2.26E-04	2.31E-04	2.18E-04	7.82E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.46E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.87E-08	1.63E-07
5066	484363.1	3863877.3	2.32E-04	2.37E-04	2.24E-04	8.02E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.60E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.94E-08	1.67E-07
5067	484863.1	3863877.3	2.38E-04	2.43E-04	2.30E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.09E-08	5.75E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.59E-09	3.02E-08	1.71E-07
5068	485363.1	3863877.3	2.44E-04	2.49E-04	2.35E-04	8.43E-08	2.55E-07	1.47E-07	1.51E-07	1.37E-07	6.24E-08	5.89E-08	2.81E-09	6.80E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.09E-08	1.75E-07
5069	485863.1	3863877.3	2.49E-04	2.55E-04	2.41E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	6.03E-08	2.88E-09	6.96E-08	1.54E-08	2.10E-08	3.33E-08	5.87E-09	3.17E-08	1.80E-07
5070	486363.1	3863877.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
5071	486863.1	3863877.3	2.63E-04	2.69E-04	2.54E-04	9.09E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.35E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.33E-08	1.89E-07
5072	487363.1	3863877.3	2.72E-04	2.78E-04	2.62E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
5073	487863.1	3863877.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
5074	488363.1	3863877.3	2.95E-04	3.02E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.57E-08	7.14E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.75E-08	2.13E-07
5075	488863.1	3863877.3	3.07E-04	3.14E-04	2.97E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.42E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.90E-08	2.21E-07
5076	489363.1	3863877.3	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.74E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.53E-09	4.06E-08	2.31E-07
5077	489863.1	3863877.3	3.32E-04	3.40E-04	3.21E-04	1.15E-07	3.47E-07	2.01E-07	2.06E-07	1.87E-07	8.51E-08	8.03E-08	3.84E-09	9.27E-08	2.05E-08	2.79E-08	4.43E-08	7.81E-09	4.21E-08	2.39E-07
5078	490363.1	3863877.3	3.44E-04	3.52E-04	3.32E-04	1.19E-07	3.59E-07	2.08E-07	2.13E-07	1.93E-07	8.81E-08	8.31E-08	3.98E-09	9.60E-08	2.12E-08	2.89E-08	4.59E-08	8.09E-09	4.36E-08	2.48E-07
5079	490863.1	3863877.3	3.54E-04	3.63E-04	3.42E-04	1.23E-07	3.70E-07	2.14E-07	2.20E-07	1.99E-07	9.08E-08	8.56E-08	4.09E-09	9.89E-08	2.18E-08	2.98E-08	4.73E-08	8.33E-09	4.49E-08	2.55E-07
5080	491363.1	3863877.3	3.63E-04	3.72E-04	3.51E-04	1.26E-07	3.79E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.78E-08	4.20E-09	1.01E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.61E-08	2.62E-07
5081	491863.1	3863877.3	3.59E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.67E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.44E-09	4.55E-08	2.58E-07
5082	492363.1	3863877.3	3.17E-04	3.25E-04	3.07E-04	1.10E-07	3.32E-07	1.92E-07	1.97E-07	1.78E-07	8.13E-08	7.67E-08	3.67E-09	8.86E-08	1.96E-08	2.67E-08	4.24E-08	7.46E-09	4.03E-08	2.29E-07
5083	492863.1	3863877.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
5084	493363.1	3863877.3	2.98E-04	3.05E-04	2.88E-04	1.03E-07	3.12E-07	1.80E-07	1.85E-07	1.67E-07	7.64E-08	7.21E-08	3.45E-09	8.32E-08	1.84E-08	2.51E-08	3.98E-08	7.01E-09	3.78E-08	2.15E-07
5085	493863.1	3863877.3	3.22E-04	3.30E-04	3.11E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.81E-07	8.25E-08	7.78E-08	3.72E-09	8.98E-08	1.98E-08	2.71E-08	4.29E-08	7.57E-09	4.08E-08	2.32E-07
5086	494363.1	3863877.3	3.45E-04	3.54E-04	3.34E-04	1.20E-07	3.61E-07	2.09E-07	2.14E-07	1.94E-07	8.85E-08	8.35E-08	3.99E-09	9.64E-08	2.13E-08	2.91E-08	4.61E-08	8.12E-09	4.38E-08	2.49E-07
5087	494863.1	3863877.3	3.53E-04	3.61E-04	3.41E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
5088	495363.1	3863877.3	3.66E-04	3.75E-04	3.54E-04	1.27E-07	3.83E-07	2.21E-07	2.27E-07	2.06E-07	9.38E-08	8.85E-08	4.23E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.61E-09	4.64E-08	2.64E-07
5089	495863.1	3863877.3	3.70E-04	3.79E-04	3.58E-04	1.28E-07	3.87E-07	2.24E-07	2.30E-07	2.08E-07	9.50E-08	8.96E-08	4.28E-09	1.03E-07	2.28E-08	3.12E-08	4.94E-08	8.71E-09	4.70E-08	2.67E-07

5090	496363.1	3863877.3	4.19E-04	4.29E-04	4.05E-04	1.45E-07	4.38E-07	2.54E-07	2.60E-07	2.35E-07	1.07E-07	1.01E-07	4.85E-09	1.17E-07	2.58E-08	3.53E-08	5.59E-08	9.86E-09	5.32E-08	3.02E-07
5091	496863.1	3863877.3	4.72E-04	4.84E-04	4.56E-04	1.63E-07	4.94E-07	2.86E-07	2.93E-07	2.65E-07	1.21E-07	1.14E-07	5.46E-09	1.32E-07	2.91E-08	3.97E-08	6.30E-08	1.11E-08	5.99E-08	3.40E-07
5092	497363.1	3863877.3	4.86E-04	4.97E-04	4.69E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.24E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	4.09E-08	6.48E-08	1.14E-08	6.16E-08	3.50E-07
5093	497863.1	3863877.3	4.77E-04	4.88E-04	4.61E-04	1.65E-07	4.98E-07	2.88E-07	2.95E-07	2.68E-07	1.22E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	4.01E-08	6.36E-08	1.12E-08	6.05E-08	3.43E-07
5094	498363.1	3863877.3	4.62E-04	4.73E-04	4.46E-04	1.60E-07	4.83E-07	2.80E-07	2.86E-07	2.60E-07	1.18E-07	1.12E-07	5.34E-09	1.29E-07	2.85E-08	3.89E-08	6.17E-08	1.09E-08	5.86E-08	3.33E-07
5095	471363.1	3864377.3	1.33E-04	1.36E-04	1.28E-04	4.60E-08	1.39E-07	8.04E-08	8.23E-08	7.46E-08	3.40E-08	3.21E-08	1.54E-09	3.71E-08	8.18E-09	1.12E-08	1.77E-08	3.12E-09	1.69E-08	9.57E-08
5096	471863.1	3864377.3	1.34E-04	1.38E-04	1.30E-04	4.65E-08	1.40E-07	8.13E-08	8.32E-08	7.54E-08	3.44E-08	3.25E-08	1.55E-09	3.75E-08	8.27E-09	1.13E-08	1.79E-08	3.16E-09	1.70E-08	9.68E-08
5097	472363.1	3864377.3	1.37E-04	1.41E-04	1.33E-04	4.75E-08	1.43E-07	8.30E-08	8.51E-08	7.71E-08	3.52E-08	3.32E-08	1.59E-09	3.83E-08	8.46E-09	1.15E-08	1.83E-08	3.23E-09	1.74E-08	9.89E-08
5098	472863.1	3864377.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
5099	473363.1	3864377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5100	473863.1	3864377.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
5101	474363.1	3864377.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5102	474863.1	3864377.3	1.49E-04	1.53E-04	1.44E-04	5.16E-08	1.56E-07	9.02E-08	9.24E-08	8.37E-08	3.82E-08	3.60E-08	1.72E-09	4.16E-08	9.18E-09	1.25E-08	1.99E-08	3.51E-09	1.89E-08	1.07E-07
5103	475363.1	3864377.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
5104	475863.1	3864377.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
5105	476363.1	3864377.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
5106	476863.1	3864377.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
5107	477363.1	3864377.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
5108	477863.1	3864377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
5109	478363.1	3864377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
5110	478863.1	3864377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
5111	479363.1	3864377.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
5112	479863.1	3864377.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
5113	480363.1	3864377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
5114	480863.1	3864377.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
5115	481363.1	3864377.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
5116	481863.1	3864377.3	1.96E-04	2.01E-04	1.90E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	5.03E-08	4.75E-08	2.27E-09	5.48E-08	1.21E-08	1.65E-08	2.62E-08	4.62E-09	2.49E-08	1.41E-07
5117	482363.1	3864377.3	1.99E-04	2.04E-04	1.92E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	5.11E-08	4.82E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.53E-08	1.44E-07
5118	482863.1	3864377.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
5119	483363.1	3864377.3	2.07E-04	2.12E-04	2.00E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.30E-08	5.00E-08	2.39E-09	5.77E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.62E-08	1.49E-07
5120	483863.1	3864377.3	2.11E-04	2.16E-04	2.04E-04	7.31E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.41E-08	5.10E-08	2.44E-09	5.89E-08	1.30E-08	1.78E-08	2.82E-08	4.96E-09	2.68E-08	1.52E-07
5121	484363.1	3864377.3	2.15E-04	2.21E-04	2.08E-04	7.46E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.52E-08	5.21E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.88E-08	5.07E-09	2.73E-08	1.55E-07
5122	484863.1	3864377.3	2.21E-04	2.27E-04	2.14E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.67E-08	5.35E-08	2.56E-09	6.18E-08	1.36E-08	1.86E-08	2.95E-08	5.21E-09	2.81E-08	1.59E-07
5123	485363.1	3864377.3	2.27E-04	2.33E-04	2.20E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.83E-08	5.50E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.35E-09	2.88E-08	1.64E-07
5124	485863.1	3864377.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
5125	486363.1	3864377.3	2.38E-04	2.43E-04	2.30E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.09E-08	5.75E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.59E-09	3.02E-08	1.71E-07
5126	486863.1	3864377.3	2.44E-04	2.49E-04	2.35E-04	8.43E-08	2.55E-07	1.47E-07	1.51E-07	1.37E-07	6.24E-08	5.89E-08	2.81E-09	6.80E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.09E-08	1.75E-07
5127	487363.1	3864377.3	2.51E-04	2.57E-04	2.42E-04	8.69E-08	2.62E-07	1.52E-07	1.55E-07	1.41E-07	6.43E-08	6.07E-08	2.90E-09	7.01E-08	1.55E-08	2.11E-08	3.35E-08	5.90E-09	3.18E-08	1.81E-07
5128	487863.1	3864377.3	2.58E-04	2.65E-04	2.50E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
5129	488363.1	3864377.3	2.67E-04	2.74E-04	2.58E-04	9.25E-08	2.79E-07	1.62E-07	1.66E-07	1.50E-07	6.85E-08	6.46E-08	3.09E-09	7.46E-08	1.65E-08	2.25E-08	3.57E-08	6.28E-09	3.39E-08	1.92E-07
5130	488863.1	3864377.3	2.75E-04	2.81E-04	2.65E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.64E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
5131	489363.1	3864377.3	2.82E-04	2.89E-04	2.72E-04	9.76E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.23E-08	6.82E-08	3.26E-09	7.87E-08	1.74E-08	2.37E-08	3.76E-08	6.63E-09	3.58E-08	2.03E-07
5132	489863.1	3864377.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
5133	490363.1	3864377.3	2.98E-04	3.05E-04	2.88E-04	1.03E-07	3.12E-07	1.80E-07	1.85E-07	1.67E-07	7.64E-08	7.21E-08	3.45E-09	8.32E-08	1.84E-08	2.51E-08	3.98E-08	7.01E-09	3.78E-08	2.15E-07
5134	490863.1	3864377.3	3.04E-04	3.11E-04	2.94E-04	1.05E-07	3.18E-07	1.84E-07	1.88E-07	1.71E-07	7.79E-08	7.35E-08	3.51E-09	8.49E-08	1.87E-08	2.56E-08	4.06E-08	7.15E-09	3.86E-08	2.19E-07
5135	491363.1	3864377.3	2.89E-04	2.96E-04	2.79E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.63E-07	7.42E-08	6.99E-08	3.34E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.80E-09	3.67E-08	2.08E-07
5136	491863.1	3864377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
5137	492363.1	3864377.3	2.13E-04	2.18E-04	2.05E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.14E-08	2.46E-09	5.93E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.70E-08	1.53E-07
5138	492863.1	3864377.3	1.74E-04	1.78E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.78E-08	4.46E-08	4.21E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.32E-08	4.10E-09	2.21E-08	1.25E-07
5139	493363.1	3864377.3	2.04E-04	2.09E-04	1.97E-04	7.05E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.22E-08	4.92E-08	2.35E-09	5.69E-08	1.25E-08	1.71E-08	2.72E-08	4.79E-09	2.58E-08	1.47E-07
5140	493863.1	3864377.3	2.39E-04	2.45E-04	2.31E-04	8.28E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	6.13E-08	5.78E-08	2.76E-09	6.68E-08	1.47E-08	2.01E-08	3.19E-08	5.62E-09	3.03E-08	1.72E-07
5141	494363.1	3864377.3	2.63E-04	2.69E-04	2.54E-04	9.09E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.35E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.33E-08	1.89E-07
5142	494863.1	3864377.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
5143	495363.1	3864377.3	2.80E-04	2.87E-04	2.71E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.78E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.60E-09	3.56E-08	2.02E-07
5144	495863.1	3864377.3	2.83E-04	2.90E-04	2.74E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.85E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.60E-08	2.04E-07
5145	496363.1	3864377.3	3.00E-04	3.07E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.24E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07

5146	496863.1	3864377.3	3.08E-04	3.16E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.91E-08	7.46E-08	3.57E-09	8.61E-08	1.90E-08	2.60E-08	4.12E-08	7.26E-09	3.91E-08	2.22E-07
5147	497363.1	3864377.3	3.36E-04	3.45E-04	3.25E-04	1.16E-07	3.52E-07	2.04E-07	2.09E-07	1.89E-07	8.63E-08	8.14E-08	3.89E-09	9.40E-08	2.07E-08	2.83E-08	4.49E-08	7.92E-09	4.27E-08	2.42E-07
5148	497863.1	3864377.3	3.41E-04	3.49E-04	3.29E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.92E-07	8.74E-08	8.24E-08	3.94E-09	9.52E-08	2.10E-08	2.87E-08	4.55E-08	8.02E-09	4.33E-08	2.46E-07
5149	498363.1	3864377.3	3.60E-04	3.69E-04	3.48E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.23E-08	8.71E-08	4.16E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.47E-09	4.57E-08	2.59E-07
5150	471363.1	3864877.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
5151	471863.1	3864877.3	1.31E-04	1.35E-04	1.27E-04	4.55E-08	1.37E-07	7.95E-08	8.14E-08	7.38E-08	3.37E-08	3.18E-08	1.52E-09	3.67E-08	8.09E-09	1.11E-08	1.75E-08	3.09E-09	1.67E-08	9.46E-08
5152	472363.1	3864877.3	1.33E-04	1.36E-04	1.28E-04	4.60E-08	1.39E-07	8.04E-08	8.23E-08	7.46E-08	3.40E-08	3.21E-08	1.54E-09	3.71E-08	8.18E-09	1.12E-08	1.77E-08	3.12E-09	1.69E-08	9.57E-08
5153	472863.1	3864877.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
5154	473363.1	3864877.3	1.37E-04	1.41E-04	1.33E-04	4.75E-08	1.43E-07	8.30E-08	8.51E-08	7.71E-08	3.52E-08	3.32E-08	1.59E-09	3.83E-08	8.46E-09	1.15E-08	1.83E-08	3.23E-09	1.74E-08	9.89E-08
5155	473863.1	3864877.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
5156	474363.1	3864877.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5157	474863.1	3864877.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
5158	475363.1	3864877.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5159	475863.1	3864877.3	1.49E-04	1.53E-04	1.44E-04	5.16E-08	1.56E-07	9.02E-08	9.24E-08	8.37E-08	3.82E-08	3.60E-08	1.72E-09	4.16E-08	9.18E-09	1.25E-08	1.99E-08	3.51E-09	1.89E-08	1.07E-07
5160	476363.1	3864877.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
5161	476863.1	3864877.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
5162	477363.1	3864877.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
5163	477863.1	3864877.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
5164	478363.1	3864877.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
5165	478863.1	3864877.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
5166	479363.1	3864877.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
5167	479863.1	3864877.3	1.70E-04	1.74E-04	1.64E-04	5.88E-08	1.77E-07	1.03E-07	1.05E-07	9.53E-08	4.35E-08	4.10E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.27E-08	3.99E-09	2.15E-08	1.22E-07
5168	480363.1	3864877.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
5169	480863.1	3864877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5170	481363.1	3864877.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
5171	481863.1	3864877.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
5172	482363.1	3864877.3	1.89E-04	1.93E-04	1.83E-04	6.54E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.57E-08	2.18E-09	5.27E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.40E-08	1.36E-07
5173	482863.1	3864877.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
5174	483363.1	3864877.3	1.96E-04	2.01E-04	1.90E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	5.03E-08	4.75E-08	2.27E-09	5.48E-08	1.21E-08	1.65E-08	2.62E-08	4.62E-09	2.49E-08	1.41E-07
5175	483863.1	3864877.3	1.99E-04	2.04E-04	1.92E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	5.11E-08	4.82E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.53E-08	1.44E-07
5176	484363.1	3864877.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
5177	484863.1	3864877.3	2.07E-04	2.12E-04	2.00E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.30E-08	5.00E-08	2.39E-09	5.77E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.62E-08	1.49E-07
5178	485363.1	3864877.3	2.13E-04	2.18E-04	2.05E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.14E-08	2.46E-09	5.93E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.70E-08	1.53E-07
5179	485863.1	3864877.3	2.15E-04	2.21E-04	2.08E-04	7.46E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.52E-08	5.21E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.88E-08	5.07E-09	2.73E-08	1.55E-07
5180	486363.1	3864877.3	2.18E-04	2.24E-04	2.11E-04	7.56E-08	2.28E-07	1.32E-07	1.35E-07	1.23E-07	5.60E-08	5.28E-08	2.52E-09	6.10E-08	1.35E-08	1.84E-08	2.92E-08	5.14E-09	2.77E-08	1.57E-07
5181	486863.1	3864877.3	2.21E-04	2.27E-04	2.14E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.67E-08	5.35E-08	2.56E-09	6.18E-08	1.36E-08	1.86E-08	2.95E-08	5.21E-09	2.81E-08	1.59E-07
5182	487363.1	3864877.3	2.26E-04	2.31E-04	2.18E-04	7.82E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.46E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.87E-08	1.63E-07
5183	487863.1	3864877.3	2.32E-04	2.37E-04	2.24E-04	8.02E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.60E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.94E-08	1.67E-07
5184	488363.1	3864877.3	2.39E-04	2.45E-04	2.31E-04	8.28E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	6.13E-08	5.78E-08	2.76E-09	6.68E-08	1.47E-08	2.01E-08	3.19E-08	5.62E-09	3.03E-08	1.72E-07
5185	488863.1	3864877.3	2.45E-04	2.51E-04	2.37E-04	8.48E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.28E-08	5.92E-08	2.83E-09	6.84E-08	1.51E-08	2.06E-08	3.27E-08	5.76E-09	3.11E-08	1.77E-07
5186	489363.1	3864877.3	2.51E-04	2.57E-04	2.42E-04	8.69E-08	2.62E-07	1.52E-07	1.55E-07	1.41E-07	6.43E-08	6.07E-08	2.90E-09	7.01E-08	1.55E-08	2.11E-08	3.35E-08	5.90E-09	3.18E-08	1.81E-07
5187	489863.1	3864877.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
5188	490363.1	3864877.3	2.61E-04	2.68E-04	2.52E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.70E-08	6.32E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.15E-09	3.31E-08	1.88E-07
5189	490863.1	3864877.3	2.27E-04	2.33E-04	2.20E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.83E-08	5.50E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.35E-09	2.88E-08	1.64E-07
5190	491363.1	3864877.3	2.55E-04	2.62E-04	2.47E-04	8.84E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.17E-08	2.95E-09	7.13E-08	1.57E-08	2.15E-08	3.41E-08	6.01E-09	3.24E-08	1.84E-07
5191	491863.1	3864877.3	2.20E-04	2.25E-04	2.12E-04	7.61E-08	2.30E-07	1.33E-07	1.36E-07	1.24E-07	5.64E-08	5.32E-08	2.54E-09	6.14E-08	1.35E-08	1.85E-08	2.94E-08	5.17E-09	2.79E-08	1.58E-07
5192	492363.1	3864877.3	1.34E-04	1.38E-04	1.30E-04	4.65E-08	1.40E-07	8.13E-08	8.32E-08	7.54E-08	3.44E-08	3.25E-08	1.55E-09	3.75E-08	8.27E-09	1.13E-08	1.79E-08	3.16E-09	1.70E-08	9.68E-08
5193	492863.1	3864877.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
5194	493363.1	3864877.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5195	493863.1	3864877.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
5196	494363.1	3864877.3	2.15E-04	2.21E-04	2.08E-04	7.46E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.52E-08	5.21E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.88E-08	5.07E-09	2.73E-08	1.55E-07
5197	494863.1	3864877.3	2.26E-04	2.31E-04	2.18E-04	7.82E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.46E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.87E-08	1.63E-07
5198	495363.1	3864877.3	2.32E-04	2.37E-04	2.24E-04	8.02E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.60E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.94E-08	1.67E-07
5199	495863.1	3864877.3	2.46E-04	2.52E-04	2.38E-04	8.53E-08	2.58E-07	1.49E-07	1.53E-07	1.38E-07	6.32E-08	5.96E-08	2.85E-09	6.88E-08	1.52E-08	2.07E-08	3.29E-08	5.80E-09	3.13E-08	1.78E-07
5200	496363.1	3864877.3	2.33E-04	2.39E-04	2.25E-04	8.07E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.98E-08	5.64E-08	2.70E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.49E-09	2.96E-08	1.68E-07
5201	496863.1	3864877.3	2.39E-04	2.45E-04	2.31E-04	8.28E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	6.13E-08	5.78E-08	2.76E-09	6.68E-08	1.47E-08	2.01E-08	3.19E-08	5.62E-09	3.03E-08	1.72E-07

5202	497363.1	3864877.3	2.48E-04	2.54E-04	2.40E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.00E-08	2.87E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
5203	497863.1	3864877.3	2.58E-04	2.65E-04	2.50E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
5204	498363.1	3864877.3	2.79E-04	2.86E-04	2.69E-04	9.66E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	7.15E-08	6.74E-08	3.22E-09	7.79E-08	1.72E-08	2.35E-08	3.72E-08	6.56E-09	3.54E-08	2.01E-07
5205	471363.1	3865377.3	1.25E-04	1.28E-04	1.21E-04	4.34E-08	1.31E-07	7.59E-08	7.77E-08	7.05E-08	3.22E-08	3.03E-08	1.45E-09	3.50E-08	7.73E-09	1.06E-08	1.67E-08	2.95E-09	1.59E-08	9.04E-08
5206	471863.1	3865377.3	1.27E-04	1.30E-04	1.23E-04	4.39E-08	1.33E-07	7.68E-08	7.87E-08	7.13E-08	3.25E-08	3.07E-08	1.47E-09	3.54E-08	7.82E-09	1.07E-08	1.69E-08	2.99E-09	1.61E-08	9.14E-08
5207	472363.1	3865377.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
5208	472863.1	3865377.3	1.31E-04	1.35E-04	1.27E-04	4.55E-08	1.37E-07	7.95E-08	8.14E-08	7.38E-08	3.37E-08	3.18E-08	1.52E-09	3.67E-08	8.09E-09	1.11E-08	1.75E-08	3.09E-09	1.67E-08	9.46E-08
5209	473363.1	3865377.3	1.33E-04	1.36E-04	1.28E-04	4.60E-08	1.39E-07	8.04E-08	8.23E-08	7.46E-08	3.40E-08	3.21E-08	1.54E-09	3.71E-08	8.18E-09	1.12E-08	1.77E-08	3.12E-09	1.69E-08	9.57E-08
5210	473863.1	3865377.3	1.34E-04	1.38E-04	1.30E-04	4.65E-08	1.40E-07	8.13E-08	8.32E-08	7.54E-08	3.44E-08	3.25E-08	1.55E-09	3.75E-08	8.27E-09	1.13E-08	1.79E-08	3.16E-09	1.70E-08	9.68E-08
5211	474363.1	3865377.3	1.37E-04	1.41E-04	1.33E-04	4.75E-08	1.43E-07	8.30E-08	8.51E-08	7.71E-08	3.52E-08	3.32E-08	1.59E-09	3.83E-08	8.46E-09	1.15E-08	1.83E-08	3.23E-09	1.74E-08	9.89E-08
5212	474863.1	3865377.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
5213	475363.1	3865377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5214	475863.1	3865377.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
5215	476363.1	3865377.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5216	476863.1	3865377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5217	477363.1	3865377.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
5218	477863.1	3865377.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
5219	478363.1	3865377.3	1.55E-04	1.59E-04	1.50E-04	5.36E-08	1.62E-07	9.38E-08	9.60E-08	8.71E-08	3.97E-08	3.75E-08	1.79E-09	4.33E-08	9.55E-09	1.30E-08	2.07E-08	3.65E-09	1.97E-08	1.12E-07
5220	478863.1	3865377.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
5221	479363.1	3865377.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
5222	479863.1	3865377.3	1.62E-04	1.66E-04	1.57E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.16E-08	3.93E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
5223	480363.1	3865377.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
5224	480863.1	3865377.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
5225	481363.1	3865377.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
5226	481863.1	3865377.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5227	482363.1	3865377.3	1.77E-04	1.81E-04	1.71E-04	6.13E-08	1.85E-07	1.07E-07	1.10E-07	9.95E-08	4.54E-08	4.28E-08	2.05E-09	4.95E-08	1.09E-08	1.49E-08	2.36E-08	4.17E-09	2.25E-08	1.28E-07
5228	482863.1	3865377.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
5229	483363.1	3865377.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
5230	483863.1	3865377.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
5231	484363.1	3865377.3	1.87E-04	1.92E-04	1.81E-04	6.49E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.53E-08	2.17E-09	5.23E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.38E-08	1.35E-07
5232	484863.1	3865377.3	1.92E-04	1.97E-04	1.85E-04	6.64E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.64E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.51E-09	2.43E-08	1.38E-07
5233	485363.1	3865377.3	1.95E-04	2.00E-04	1.88E-04	6.74E-08	2.04E-07	1.18E-07	1.21E-07	1.09E-07	4.99E-08	4.71E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.58E-09	2.47E-08	1.40E-07
5234	485863.1	3865377.3	1.99E-04	2.04E-04	1.92E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	5.11E-08	4.82E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.53E-08	1.44E-07
5235	486363.1	3865377.3	2.01E-04	2.06E-04	1.94E-04	6.95E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.15E-08	4.85E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.68E-08	4.72E-09	2.55E-08	1.45E-07
5236	486863.1	3865377.3	2.04E-04	2.09E-04	1.97E-04	7.05E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.22E-08	4.92E-08	2.35E-09	5.69E-08	1.25E-08	1.71E-08	2.72E-08	4.79E-09	2.58E-08	1.47E-07
5237	487363.1	3865377.3	2.07E-04	2.12E-04	2.00E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.30E-08	5.00E-08	2.39E-09	5.77E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.62E-08	1.49E-07
5238	487863.1	3865377.3	2.10E-04	2.15E-04	2.02E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.37E-08	5.07E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.80E-08	4.93E-09	2.66E-08	1.51E-07
5239	488363.1	3865377.3	2.14E-04	2.19E-04	2.07E-04	7.41E-08	2.24E-07	1.29E-07	1.33E-07	1.20E-07	5.49E-08	5.17E-08	2.47E-09	5.98E-08	1.32E-08	1.80E-08	2.86E-08	5.03E-09	2.72E-08	1.54E-07
5240	488863.1	3865377.3	2.21E-04	2.27E-04	2.14E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.67E-08	5.35E-08	2.56E-09	6.18E-08	1.36E-08	1.86E-08	2.95E-08	5.21E-09	2.81E-08	1.59E-07
5241	489363.1	3865377.3	2.27E-04	2.33E-04	2.20E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.83E-08	5.50E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.35E-09	2.88E-08	1.64E-07
5242	489863.1	3865377.3	2.32E-04	2.37E-04	2.24E-04	8.02E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.60E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.94E-08	1.67E-07
5243	490363.1	3865377.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
5244	490863.1	3865377.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
5245	491363.1	3865377.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
5246	491863.1	3865377.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
5247	492363.1	3865377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
5248	492863.1	3865377.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
5249	493363.1	3865377.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
5250	493863.1	3865377.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
5251	494363.1	3865377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
5252	494863.1	3865377.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
5253	495363.1	3865377.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
5254	495863.1	3865377.3	2.05E-04	2.10E-04	1.98E-04	7.10E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.26E-08	4.96E-08	2.37E-09	5.73E-08	1.26E-08	1.73E-08	2.74E-08	4.83E-09	2.60E-08	1.48E-07
5255	496363.1	3865377.3	1.90E-04	1.95E-04	1.84E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.88E-08	4.60E-08	2.20E-09	5.32E-08	1.17E-08	1.60E-08	2.54E-08	4.48E-09	2.42E-08	1.37E-07
5256	496863.1	3865377.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
5257	497363.1	3865377.3	2.04E-04	2.09E-04	1.97E-04	7.05E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.22E-08	4.92E-08	2.35E-09	5.69E-08	1.25E-08	1.71E-08	2.72E-08	4.79E-09	2.58E-08	1.47E-07

5258	497863.1	3865377.3	2.10E-04	2.15E-04	2.02E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.37E-08	5.07E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.80E-08	4.93E-09	2.66E-08	1.51E-07
5259	498363.1	3865377.3	2.05E-04	2.10E-04	1.98E-04	7.10E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.26E-08	4.96E-08	2.37E-09	5.73E-08	1.26E-08	1.73E-08	2.74E-08	4.83E-09	2.60E-08	1.48E-07
5260	471363.1	3865877.3	1.21E-04	1.24E-04	1.17E-04	4.19E-08	1.26E-07	7.32E-08	7.50E-08	6.80E-08	3.10E-08	2.93E-08	1.40E-09	3.38E-08	7.46E-09	1.02E-08	1.62E-08	2.85E-09	1.54E-08	8.72E-08
5261	471863.1	3865877.3	1.24E-04	1.27E-04	1.20E-04	4.29E-08	1.30E-07	7.50E-08	7.68E-08	6.96E-08	3.18E-08	3.00E-08	1.43E-09	3.46E-08	7.64E-09	1.04E-08	1.65E-08	2.92E-09	1.57E-08	8.93E-08
5262	472363.1	3865877.3	1.25E-04	1.28E-04	1.21E-04	4.34E-08	1.31E-07	7.59E-08	7.77E-08	7.05E-08	3.22E-08	3.03E-08	1.45E-09	3.50E-08	7.73E-09	1.06E-08	1.67E-08	2.95E-09	1.59E-08	9.04E-08
5263	472863.1	3865877.3	1.27E-04	1.30E-04	1.23E-04	4.39E-08	1.33E-07	7.68E-08	7.87E-08	7.13E-08	3.25E-08	3.07E-08	1.47E-09	3.54E-08	7.82E-09	1.07E-08	1.69E-08	2.99E-09	1.61E-08	9.14E-08
5264	473363.1	3865877.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
5265	473863.1	3865877.3	1.31E-04	1.35E-04	1.27E-04	4.55E-08	1.37E-07	7.95E-08	8.14E-08	7.38E-08	3.37E-08	3.18E-08	1.52E-09	3.67E-08	8.09E-09	1.11E-08	1.75E-08	3.09E-09	1.67E-08	9.46E-08
5266	474363.1	3865877.3	1.33E-04	1.36E-04	1.28E-04	4.60E-08	1.39E-07	8.04E-08	8.23E-08	7.46E-08	3.40E-08	3.21E-08	1.54E-09	3.71E-08	8.18E-09	1.12E-08	1.77E-08	3.12E-09	1.69E-08	9.57E-08
5267	474863.1	3865877.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
5268	475363.1	3865877.3	1.37E-04	1.41E-04	1.33E-04	4.75E-08	1.43E-07	8.30E-08	8.51E-08	7.71E-08	3.52E-08	3.32E-08	1.59E-09	3.83E-08	8.46E-09	1.15E-08	1.83E-08	3.23E-09	1.74E-08	9.89E-08
5269	475863.1	3865877.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
5270	476363.1	3865877.3	1.40E-04	1.44E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.69E-08	7.88E-08	3.59E-08	3.39E-08	1.62E-09	3.91E-08	8.64E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07
5271	476863.1	3865877.3	1.37E-04	1.41E-04	1.33E-04	4.75E-08	1.43E-07	8.30E-08	8.51E-08	7.71E-08	3.52E-08	3.32E-08	1.59E-09	3.83E-08	8.46E-09	1.15E-08	1.83E-08	3.23E-09	1.74E-08	9.89E-08
5272	477363.1	3865877.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5273	477863.1	3865877.3	1.48E-04	1.51E-04	1.43E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.57E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
5274	478363.1	3865877.3	1.49E-04	1.53E-04	1.44E-04	5.16E-08	1.56E-07	9.02E-08	9.24E-08	8.37E-08	3.82E-08	3.60E-08	1.72E-09	4.16E-08	9.18E-09	1.25E-08	1.99E-08	3.51E-09	1.89E-08	1.07E-07
5275	478863.1	3865877.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
5276	479363.1	3865877.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
5277	479863.1	3865877.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
5278	480363.1	3865877.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
5279	480863.1	3865877.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
5280	481363.1	3865877.3	1.62E-04	1.66E-04	1.57E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.16E-08	3.93E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
5281	481863.1	3865877.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
5282	482363.1	3865877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
5283	482863.1	3865877.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07
5284	483363.1	3865877.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
5285	483863.1	3865877.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
5286	484363.1	3865877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5287	484863.1	3865877.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
5288	485363.1	3865877.3	1.80E-04	1.84E-04	1.74E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.40E-08	4.24E-09	2.28E-08	1.30E-07
5289	485863.1	3865877.3	1.83E-04	1.87E-04	1.77E-04	6.34E-08	1.91E-07	1.11E-07	1.13E-07	1.03E-07	4.69E-08	4.42E-08	2.12E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.32E-08	1.32E-07
5290	486363.1	3865877.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
5291	486863.1	3865877.3	1.86E-04	1.90E-04	1.80E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.77E-08	4.50E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.37E-09	2.36E-08	1.34E-07
5292	487363.1	3865877.3	1.89E-04	1.93E-04	1.83E-04	6.54E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.57E-08	2.18E-09	5.27E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.40E-08	1.36E-07
5293	487863.1	3865877.3	1.93E-04	1.98E-04	1.87E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.67E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.45E-08	1.39E-07
5294	488363.1	3865877.3	1.98E-04	2.03E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.07E-08	4.78E-08	2.29E-09	5.52E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.51E-08	1.42E-07
5295	488863.1	3865877.3	2.04E-04	2.09E-04	1.97E-04	7.05E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.22E-08	4.92E-08	2.35E-09	5.69E-08	1.25E-08	1.71E-08	2.72E-08	4.79E-09	2.58E-08	1.47E-07
5296	489363.1	3865877.3	2.08E-04	2.13E-04	2.01E-04	7.20E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.33E-08	5.03E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.90E-09	2.64E-08	1.50E-07
5297	489863.1	3865877.3	2.10E-04	2.15E-04	2.02E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.37E-08	5.07E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.80E-08	4.93E-09	2.66E-08	1.51E-07
5298	490363.1	3865877.3	2.02E-04	2.07E-04	1.95E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.18E-08	4.89E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.57E-08	1.46E-07
5299	490863.1	3865877.3	1.89E-04	1.93E-04	1.83E-04	6.54E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.57E-08	2.18E-09	5.27E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.40E-08	1.36E-07
5300	491363.1	3865877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5301	491863.1	3865877.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5302	492363.1	3865877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
5303	492863.1	3865877.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
5304	493363.1	3865877.3	1.30E-04	1.33E-04	1.25E-04	4.50E-08	1.36E-07	7.86E-08	8.05E-08	7.30E-08	3.33E-08	3.14E-08	1.50E-09	3.63E-08	8.00E-09	1.09E-08	1.73E-08	3.06E-09	1.65E-08	9.36E-08
5305	493863.1	3865877.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
5306	494363.1	3865877.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5307	494863.1	3865877.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
5308	495363.1	3865877.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
5309	495863.1	3865877.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
5310	496363.1	3865877.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
5311	496863.1	3865877.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
5312	497363.1	3865877.3	1.61E-04	1.65E-04	1.55E-04	5.57E-08	1.68E-07	9.73E-08	9.97E-08	9.04E-08	4.12E-08	3.89E-08	1.86E-09	4.49E-08	9.91E-09	1.35E-08	2.15E-08	3.78E-09	2.04E-08	1.16E-07
5313	497863.1	3865877.3	1.68E-04	1.72E-04	1.63E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.31E-08	4.07E-08	1.94E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.96E-09	2.14E-08	1.21E-07

5314	498363.1	3865877.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
5315	471363.1	3866377.3	1.18E-04	1.21E-04	1.14E-04	4.09E-08	1.23E-07	7.14E-08	7.32E-08	6.63E-08	3.03E-08	2.85E-08	1.36E-09	3.30E-08	7.27E-09	9.93E-09	1.58E-08	2.78E-09	1.50E-08	8.51E-08
5316	471863.1	3866377.3	1.20E-04	1.22E-04	1.15E-04	4.14E-08	1.25E-07	7.23E-08	7.41E-08	6.72E-08	3.06E-08	2.89E-08	1.38E-09	3.34E-08	7.37E-09	1.01E-08	1.60E-08	2.81E-09	1.52E-08	8.61E-08
5317	472363.1	3866377.3	1.22E-04	1.25E-04	1.18E-04	4.24E-08	1.28E-07	7.41E-08	7.59E-08	6.88E-08	3.14E-08	2.96E-08	1.42E-09	3.42E-08	7.55E-09	1.03E-08	1.64E-08	2.88E-09	1.55E-08	8.83E-08
5318	472863.1	3866377.3	1.24E-04	1.27E-04	1.20E-04	4.29E-08	1.30E-07	7.50E-08	7.68E-08	6.96E-08	3.18E-08	3.00E-08	1.43E-09	3.46E-08	7.64E-09	1.04E-08	1.65E-08	2.92E-09	1.57E-08	8.93E-08
5319	473363.1	3866377.3	1.25E-04	1.28E-04	1.21E-04	4.34E-08	1.31E-07	7.59E-08	7.77E-08	7.05E-08	3.22E-08	3.03E-08	1.45E-09	3.50E-08	7.73E-09	1.06E-08	1.67E-08	2.95E-09	1.59E-08	9.04E-08
5320	473863.1	3866377.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
5321	474363.1	3866377.3	1.30E-04	1.33E-04	1.25E-04	4.50E-08	1.36E-07	7.86E-08	8.05E-08	7.30E-08	3.33E-08	3.14E-08	1.50E-09	3.63E-08	8.00E-09	1.09E-08	1.73E-08	3.06E-09	1.65E-08	9.36E-08
5322	474863.1	3866377.3	1.31E-04	1.35E-04	1.27E-04	4.55E-08	1.37E-07	7.95E-08	8.14E-08	7.38E-08	3.37E-08	3.18E-08	1.52E-09	3.67E-08	8.09E-09	1.11E-08	1.75E-08	3.09E-09	1.67E-08	9.46E-08
5323	475363.1	3866377.3	1.33E-04	1.36E-04	1.28E-04	4.60E-08	1.39E-07	8.04E-08	8.23E-08	7.46E-08	3.40E-08	3.21E-08	1.54E-09	3.71E-08	8.18E-09	1.12E-08	1.77E-08	3.12E-09	1.69E-08	9.57E-08
5324	475863.1	3866377.3	1.34E-04	1.38E-04	1.30E-04	4.65E-08	1.40E-07	8.13E-08	8.32E-08	7.54E-08	3.44E-08	3.25E-08	1.55E-09	3.75E-08	8.27E-09	1.13E-08	1.79E-08	3.16E-09	1.70E-08	9.68E-08
5325	476363.1	3866377.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
5326	476863.1	3866377.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08
5327	477363.1	3866377.3	1.36E-04	1.39E-04	1.31E-04	4.70E-08	1.42E-07	8.22E-08	8.41E-08	7.63E-08	3.48E-08	3.28E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.19E-09	1.72E-08	9.78E-08
5328	477863.1	3866377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5329	478363.1	3866377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5330	478863.1	3866377.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
5331	479363.1	3866377.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
5332	479863.1	3866377.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5333	480363.1	3866377.3	1.48E-04	1.51E-04	1.43E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.57E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
5334	480863.1	3866377.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
5335	481363.1	3866377.3	1.53E-04	1.57E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.51E-08	8.62E-08	3.93E-08	3.71E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.61E-09	1.95E-08	1.11E-07
5336	481863.1	3866377.3	1.55E-04	1.59E-04	1.50E-04	5.36E-08	1.62E-07	9.38E-08	9.60E-08	8.71E-08	3.97E-08	3.75E-08	1.79E-09	4.33E-08	9.55E-09	1.30E-08	2.07E-08	3.65E-09	1.97E-08	1.12E-07
5337	482363.1	3866377.3	1.56E-04	1.60E-04	1.51E-04	5.42E-08	1.64E-07	9.47E-08	9.70E-08	8.79E-08	4.01E-08	3.78E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.68E-09	1.99E-08	1.13E-07
5338	482863.1	3866377.3	1.58E-04	1.62E-04	1.53E-04	5.47E-08	1.65E-07	9.56E-08	9.79E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
5339	483363.1	3866377.3	1.59E-04	1.63E-04	1.54E-04	5.52E-08	1.67E-07	9.64E-08	9.88E-08	8.95E-08	4.09E-08	3.85E-08	1.84E-09	4.45E-08	9.82E-09	1.34E-08	2.13E-08	3.75E-09	2.02E-08	1.15E-07
5340	483863.1	3866377.3	1.62E-04	1.66E-04	1.57E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.16E-08	3.93E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
5341	484363.1	3866377.3	1.62E-04	1.66E-04	1.57E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.16E-08	3.93E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
5342	484863.1	3866377.3	1.65E-04	1.69E-04	1.60E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.29E-08	4.24E-08	4.00E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.89E-09	2.10E-08	1.19E-07
5343	485363.1	3866377.3	1.67E-04	1.71E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.28E-08	4.03E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.92E-09	2.12E-08	1.20E-07
5344	485863.1	3866377.3	1.70E-04	1.74E-04	1.64E-04	5.88E-08	1.77E-07	1.03E-07	1.05E-07	9.53E-08	4.35E-08	4.10E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.27E-08	3.99E-09	2.15E-08	1.22E-07
5345	486363.1	3866377.3	1.73E-04	1.77E-04	1.67E-04	5.98E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.43E-08	4.18E-08	2.00E-09	4.82E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.19E-08	1.24E-07
5346	486863.1	3866377.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5347	487363.1	3866377.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
5348	487863.1	3866377.3	1.79E-04	1.83E-04	1.73E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.32E-08	2.06E-09	4.99E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.27E-08	1.29E-07
5349	488363.1	3866377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
5350	488863.1	3866377.3	1.76E-04	1.80E-04	1.70E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.25E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.23E-08	1.27E-07
5351	489363.1	3866377.3	1.71E-04	1.75E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.06E-07	9.62E-08	4.39E-08	4.14E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.29E-08	4.03E-09	2.17E-08	1.23E-07
5352	489863.1	3866377.3	1.64E-04	1.68E-04	1.58E-04	5.67E-08	1.71E-07	9.91E-08	1.02E-07	9.20E-08	4.20E-08	3.96E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.19E-08	3.85E-09	2.08E-08	1.18E-07
5353	490363.1	3866377.3	1.84E-04	1.89E-04	1.78E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.34E-08	1.33E-07
5354	490863.1	3866377.3	1.89E-04	1.93E-04	1.83E-04	6.54E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.57E-08	2.18E-09	5.27E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.40E-08	1.36E-07
5355	491363.1	3866377.3	1.82E-04	1.86E-04	1.75E-04	6.28E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.65E-08	4.39E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.27E-09	2.30E-08	1.31E-07
5356	491863.1	3866377.3	1.51E-04	1.54E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	9.33E-08	8.46E-08	3.86E-08	3.64E-08	1.74E-09	4.20E-08	9.28E-09	1.27E-08	2.01E-08	3.54E-09	1.91E-08	1.08E-07
5357	492363.1	3866377.3	1.52E-04	1.56E-04	1.47E-04	5.26E-08	1.59E-07	9.20E-08	9.42E-08	8.54E-08	3.90E-08	3.68E-08	1.76E-09	4.24E-08	9.37E-09	1.28E-08	2.03E-08	3.58E-09	1.93E-08	1.10E-07
5358	492863.1	3866377.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
5359	493363.1	3866377.3	1.37E-04	1.41E-04	1.33E-04	4.75E-08	1.43E-07	8.30E-08	8.51E-08	7.71E-08	3.52E-08	3.32E-08	1.59E-09	3.83E-08	8.46E-09	1.15E-08	1.83E-08	3.23E-09	1.74E-08	9.89E-08
5360	493863.1	3866377.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
5361	494363.1	3866377.3	1.46E-04	1.50E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	9.05E-08	8.21E-08	3.75E-08	3.53E-08	1.69E-09	4.08E-08	9.00E-09	1.23E-08	1.95E-08	3.44E-09	1.85E-08	1.05E-07
5362	494863.1	3866377.3	1.45E-04	1.48E-04	1.40E-04	5.01E-08	1.51E-07	8.75E-08	8.96E-08	8.13E-08	3.71E-08	3.50E-08	1.67E-09	4.04E-08	8.91E-09	1.22E-08	1.93E-08	3.40E-09	1.84E-08	1.04E-07
5363	495363.1	3866377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5364	495863.1	3866377.3	1.42E-04	1.45E-04	1.37E-04	4.90E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
5365	496363.1	3866377.3	1.43E-04	1.47E-04	1.38E-04	4.96E-08	1.50E-07	8.66E-08	8.87E-08	8.04E-08	3.67E-08	3.46E-08	1.65E-09	4.00E-08	8.82E-09	1.20E-08	1.91E-08	3.37E-09	1.82E-08	1.03E-07
5366	496863.1	3866377.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
5367	497363.1	3866377.3	1.37E-04	1.41E-04	1.33E-04	4.75E-08	1.43E-07	8.30E-08	8.51E-08	7.71E-08	3.52E-08	3.32E-08	1.59E-09	3.83E-08	8.46E-09	1.15E-08	1.83E-08	3.23E-09	1.74E-08	9.89E-08
5368	497863.1	3866377.3	1.39E-04	1.42E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.60E-08	7.79E-08	3.56E-08	3.35E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
5369	498363.1	3866377.3	1.28E-04	1.32E-04	1.24E-04	4.44E-08	1.34E-07	7.77E-08	7.96E-08	7.21E-08	3.29E-08	3.10E-08	1.48E-09	3.59E-08	7.91E-09	1.08E-08	1.71E-08	3.02E-09	1.63E-08	9.25E-08

5370	474494.9	3848334.2	5.05E-02	5.18E-02	4.88E-02	1.75E-05	5.28E-05	3.06E-05	3.13E-05	2.84E-05	1.30E-05	1.22E-05	5.84E-07	1.41E-05	3.11E-06	4.25E-06	6.74E-06	1.19E-06	6.41E-06	3.64E-05
5371	475167.3	3848920.8	5.97E-02	6.12E-02	5.77E-02	2.07E-05	6.24E-05	3.61E-05	3.70E-05	3.36E-05	1.53E-05	1.44E-05	6.91E-07	1.67E-05	3.68E-06	5.03E-06	7.97E-06	1.41E-06	7.58E-06	4.30E-05
5372	475297.9	3848998	4.63E-02	4.74E-02	4.48E-02	1.60E-05	4.84E-05	2.80E-05	2.87E-05	2.60E-05	1.19E-05	1.12E-05	5.35E-07	1.29E-05	2.85E-06	3.90E-06	6.18E-06	1.09E-06	5.88E-06	3.34E-05
5373	475439.1	3849062	5.39E-02	5.52E-02	5.20E-02	1.86E-05	5.63E-05	3.26E-05	3.34E-05	3.03E-05	1.38E-05	1.30E-05	6.23E-07	1.50E-05	3.32E-06	4.53E-06	7.19E-06	1.27E-06	6.83E-06	3.88E-05
5374	475486.9	3849061.1	3.98E-02	4.07E-02	3.84E-02	1.38E-05	4.16E-05	2.41E-05	2.46E-05	2.23E-05	1.02E-05	9.61E-06	4.60E-07	1.11E-05	2.45E-06	3.35E-06	5.31E-06	9.35E-07	5.05E-06	2.86E-05
5375	475538.5	3849075.6	4.04E-02	4.13E-02	3.90E-02	1.40E-05	4.22E-05	2.44E-05	2.50E-05	2.27E-05	1.03E-05	9.76E-06	4.66E-07	1.13E-05	2.49E-06	3.40E-06	5.39E-06	9.49E-07	5.12E-06	2.91E-05
5376	475751.8	3849137.2	5.92E-02	6.07E-02	5.72E-02	2.05E-05	6.19E-05	3.58E-05	3.67E-05	3.33E-05	1.52E-05	1.43E-05	6.85E-07	1.65E-05	3.65E-06	4.98E-06	7.90E-06	1.39E-06	7.51E-06	4.27E-05
5377	476303.6	3849223.4	5.40E-02	5.53E-02	5.22E-02	1.87E-05	5.64E-05	3.27E-05	3.35E-05	3.03E-05	1.38E-05	1.31E-05	6.24E-07	1.51E-05	3.33E-06	4.54E-06	7.21E-06	1.27E-06	6.85E-06	3.89E-05
5378	476304.5	3849238.9	7.49E-02	7.68E-02	7.24E-02	2.59E-05	7.83E-05	4.53E-05	4.64E-05	4.21E-05	1.92E-05	1.81E-05	8.66E-07	2.09E-05	4.62E-06	6.31E-06	1.00E-05	1.76E-06	9.51E-06	5.40E-05
5379	476365	3849248	6.68E-02	6.84E-02	6.46E-02	2.31E-05	6.98E-05	4.04E-05	4.14E-05	3.75E-05	1.71E-05	1.62E-05	7.72E-07	1.87E-05	4.12E-06	5.62E-06	8.92E-06	1.57E-06	8.48E-06	4.81E-05
5380	476444.9	3849267.1	6.70E-02	6.86E-02	6.47E-02	2.32E-05	7.00E-05	4.05E-05	4.15E-05	3.76E-05	1.72E-05	1.62E-05	7.74E-07	1.87E-05	4.13E-06	5.64E-06	8.94E-06	1.58E-06	8.50E-06	4.83E-05
5381	476550.8	3849300.7	7.97E-02	8.16E-02	7.70E-02	2.76E-05	8.33E-05	4.82E-05	4.94E-05	4.48E-05	2.04E-05	1.93E-05	9.21E-07	2.22E-05	4.91E-06	6.70E-06	1.06E-05	1.87E-06	1.01E-05	5.74E-05
5382	476656.7	3849346.9	6.89E-02	7.05E-02	6.65E-02	2.38E-05	7.20E-05	4.17E-05	4.27E-05	3.87E-05	1.77E-05	1.67E-05	7.96E-07	1.92E-05	4.24E-06	5.80E-06	9.19E-06	1.62E-06	8.74E-06	4.96E-05
5383	476873.6	3849454.5	6.89E-02	7.06E-02	6.66E-02	2.39E-05	7.20E-05	4.17E-05	4.27E-05	3.87E-05	1.77E-05	1.67E-05	7.97E-07	1.92E-05	4.25E-06	5.80E-06	9.20E-06	1.62E-06	8.74E-06	4.96E-05
5384	477700	3849859.7	6.80E-02	6.97E-02	6.57E-02	2.35E-05	7.11E-05	4.12E-05	4.21E-05	3.82E-05	1.74E-05	1.64E-05	7.86E-07	1.90E-05	4.19E-06	5.72E-06	9.08E-06	1.60E-06	8.63E-06	4.90E-05
5385	477743.2	3849856.4	4.82E-02	4.94E-02	4.66E-02	1.67E-05	5.04E-05	2.92E-05	2.99E-05	2.71E-05	1.24E-05	1.17E-05	5.58E-07	1.35E-05	2.97E-06	4.06E-06	6.44E-06	1.13E-06	6.12E-06	3.48E-05
5386	478477.4	3850216.3	5.05E-02	5.17E-02	4.88E-02	1.75E-05	5.27E-05	3.05E-05	3.13E-05	2.83E-05	1.29E-05	1.22E-05	5.83E-07	1.41E-05	3.11E-06	4.25E-06	6.74E-06	1.19E-06	6.40E-06	3.64E-05
5387	478485.8	3850201.6	3.88E-02	3.98E-02	3.75E-02	1.34E-05	4.06E-05	2.35E-05	2.41E-05	2.18E-05	9.95E-06	9.39E-06	4.49E-07	1.08E-05	2.39E-06	3.27E-06	5.18E-06	9.13E-07	4.93E-06	2.80E-05
5388	479113.2	3850501.5	3.58E-02	3.66E-02	3.46E-02	1.24E-05	3.74E-05	2.16E-05	2.22E-05	2.01E-05	9.17E-06	8.65E-06	4.13E-07	9.99E-06	2.20E-06	3.01E-06	4.77E-06	8.41E-07	4.54E-06	2.58E-05
5389	479108.1	3850382.3	1.43E-02	1.47E-02	1.38E-02	4.96E-06	1.50E-05	8.67E-06	8.88E-06	8.05E-06	3.67E-06	3.47E-06	1.66E-07	4.00E-06	8.83E-07	1.21E-06	1.91E-06	3.37E-07	1.82E-06	1.03E-05
5390	479689.9	3850674.3	1.49E-02	1.53E-02	1.44E-02	5.17E-06	1.56E-05	9.03E-06	9.25E-06	8.38E-06	3.82E-06	3.61E-06	1.72E-07	4.17E-06	9.19E-07	1.26E-06	1.99E-06	3.51E-07	1.89E-06	1.07E-05
5391	479952.4	3850774.3	1.29E-02	1.32E-02	1.25E-02	4.47E-06	1.35E-05	7.82E-06	8.01E-06	7.26E-06	3.31E-06	3.12E-06	1.49E-07	3.61E-06	7.96E-07	1.09E-06	1.72E-06	3.04E-07	1.64E-06	9.31E-06
5392	479911.3	3850884.9	3.37E-02	3.45E-02	3.25E-02	1.17E-05	3.52E-05	2.04E-05	2.09E-05	1.89E-05	8.63E-06	8.14E-06	3.89E-07	9.40E-06	2.07E-06	2.83E-06	4.49E-06	7.92E-07	4.27E-06	2.43E-05
5393	480500.9	3851178.1	3.45E-02	3.54E-02	3.34E-02	1.20E-05	3.61E-05	2.09E-05	2.14E-05	1.94E-05	8.85E-06	8.35E-06	3.99E-07	9.64E-06	2.13E-06	2.91E-06	4.61E-06	8.13E-07	4.38E-06	2.49E-05
5394	480738	3851289.3	3.24E-02	3.32E-02	3.13E-02	1.12E-05	3.39E-05	1.96E-05	2.01E-05	1.82E-05	8.30E-06	7.83E-06	3.74E-07	9.04E-06	2.00E-06	2.73E-06	4.32E-06	7.62E-07	4.11E-06	2.33E-05
5395	481055.4	3851443.6	3.13E-02	3.21E-02	3.02E-02	1.08E-05	3.27E-05	1.89E-05	1.94E-05	1.76E-05	8.02E-06	7.57E-06	3.62E-07	8.74E-06	1.93E-06	2.63E-06	4.18E-06	7.36E-07	3.97E-06	2.25E-05
5396	481110.2	3851443.2	2.37E-02	2.42E-02	2.29E-02	8.20E-06	2.47E-05	1.43E-05	1.47E-05	1.33E-05	6.07E-06	5.72E-06	2.74E-07	6.61E-06	1.46E-06	1.99E-06	3.16E-06	5.57E-07	3.00E-06	1.71E-05
5397	481111.1	3851417.5	1.92E-02	1.97E-02	1.86E-02	6.66E-06	2.01E-05	1.16E-05	1.19E-05	1.08E-05	4.93E-06	4.65E-06	2.22E-07	5.37E-06	1.19E-06	1.62E-06	2.57E-06	4.53E-07	2.44E-06	1.39E-05
5398	482248.4	3852605.1	3.64E-02	3.72E-02	3.51E-02	1.26E-05	3.80E-05	2.20E-05	2.25E-05	2.04E-05	9.32E-06	8.79E-06	4.20E-07	1.02E-05	2.24E-06	3.06E-06	4.85E-06	8.55E-07	4.61E-06	2.62E-05
5399	482273.3	3852632.3	3.71E-02	3.80E-02	3.59E-02	1.29E-05	3.88E-05	2.25E-05	2.30E-05	2.09E-05	9.52E-06	8.98E-06	4.29E-07	1.04E-05	2.29E-06	3.12E-06	4.96E-06	8.73E-07	4.71E-06	2.67E-05
5400	482665.5	3853038.7	2.94E-02	3.01E-02	2.84E-02	1.02E-05	3.07E-05	1.78E-05	1.82E-05	1.65E-05	7.53E-06	7.11E-06	3.40E-07	8.21E-06	1.81E-06	2.47E-06	3.92E-06	6.91E-07	3.73E-06	2.12E-05
5401	483078	3853844.3	9.18E-03	9.40E-03	8.86E-03	3.18E-06	9.59E-06	5.55E-06	5.69E-06	5.15E-06	2.35E-06	2.22E-06	1.06E-07	2.56E-06	5.65E-07	7.72E-07	1.22E-06	2.16E-07	1.16E-06	6.61E-06
5402	483121.4	3853909.4	8.04E-03	8.23E-03	7.76E-03	2.78E-06	8.40E-06	4.86E-06	4.98E-06	4.51E-06	2.06E-06	1.94E-06	9.29E-08	2.24E-06	4.95E-07	6.76E-07	1.07E-06	1.89E-07	1.02E-06	5.79E-06
5403	483492.6	3853911.5	3.70E-03	3.79E-03	3.57E-03	1.28E-06	3.87E-06	2.24E-06	2.29E-06	2.08E-06	9.48E-07	8.94E-07	4.28E-08	1.03E-06	2.28E-07	3.11E-07	4.94E-07	8.70E-08	4.69E-07	2.66E-06
5404	483498.3	3854204.7	3.87E-03	3.96E-03	3.74E-03	1.34E-06	4.04E-06	2.34E-06	2.40E-06	2.17E-06	9.92E-07	9.35E-07	4.47E-08	1.08E-06	2.38E-07	3.25E-07	5.16E-07	9.10E-08	4.91E-07	2.79E-06
5405	484132.4	3854662.6	2.12E-03	2.17E-03	2.04E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.43E-07	5.12E-07	2.45E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.98E-08	2.69E-07	1.52E-06
5406	484627.6	3854876.1	1.92E-03	1.97E-03	1.86E-03	6.65E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.92E-07	4.64E-07	2.22E-08	5.36E-07	1.18E-07	1.62E-07	2.56E-07	4.52E-08	2.44E-07	1.38E-06
5407	484756.1	3854949	1.93E-03	1.97E-03	1.86E-03	6.67E-07	2.01E-06	1.17E-06	1.19E-06	1.08E-06	4.94E-07	4.66E-07	2.23E-08	5.38E-07	1.19E-07	1.62E-07	2.57E-07	4.53E-08	2.45E-07	1.39E-06
5408	486697.5	3856599.2	2.28E-03	2.34E-03	2.21E-03	7.91E-07	2.39E-06	1.38E-06	1.42E-06	1.28E-06	5.86E-07	5.52E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.37E-08	2.90E-07	1.65E-06
5409	487105.3	3856962.3	2.56E-03	2.62E-03	2.48E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.57E-07	6.19E-07	2.96E-08	7.15E-07	1.58E-07	2.16E-07	3.42E-07	6.03E-08	3.25E-07	1.85E-06
5410	487157.6	3856901.7	2.40E-03	2.45E-03	2.32E-03	8.30E-07	2.51E-06	1.45E-06	1.49E-06	1.35E-06	6.14E-07	5.80E-07	2.77E-08	6.69E-07	1.48E-07	2.02E-07	3.20E-07	5.64E-08	3.04E-07	1.73E-06
5411	487173.5	3856853.7	2.31E-03	2.36E-03	2.23E-03	7.98E-07	2.41E-06	1.39E-06	1.43E-06	1.30E-06	5.91E-07	5.57E-07	2.66E-08	6.44E-07	1.42E-07	1.94E-07	3.08E-07	5.42E-08	2.93E-07	1.66E-06
5412	487564.4	3856860.8	2.04E-03	2.08E-03	1.97E-03	7.05E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.22E-07	4.92E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.72E-07	4.79E-08	2.58E-07	1.47E-06
5413	487563.3	3856931.6	2.13E-03	2.18E-03	2.06E-03	7.37E-07	2.22E-06	1.29E-06	1.32E-06	1.20E-06	5.46E-07	5.15E-07	2.46E-08	5.94E-07	1.31E-07	1.79E-07	2.84E-07	5.01E-08	2.70E-07	1.53E-06
5414	487782.7	3856926.9	1.99E-03	2.04E-03	1.93E-03	6.90E-07	2.08E-06	1.21E-06	1.24E-06	1.12E-06	5.11E-07	4.82E-07	2.30E-08	5.57E-07	1.23E-07	1.68E-07	2.66E-07	4.69E-08	2.53E-07	1.44E-06
5415	487782.4	3856757.1	1.82E-03	1.86E-03	1.76E-03	6.29E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.66E-07	4.39E-07	2.10E-08	5.07E-07	1.12E-07	1.53E-07	2.43E-07	4.27E-08	2.31E-07	1.31E-06
5416	487917.3	3856752.4	1.77E-03	1.81E-03	1.71E-03	6.11E-07	1.84E-06	1.07E-06	1.09E-06	9.92E-07	4.52E-07	4.27E-07	2.04E-08	4.93E-07	1.09E-07	1.49E-07	2.36E-07	4.15E-08	2.24E-07	1.27E-06
5417	487919.6	3856953.4	1.96E-03	2.00E-03	1.89E-03	6.77E-07	2.05E-06	1.18E-06	1.21E-06	1.10E-06	5.02E-07	4.73E-07	2.26E-08	5.46E-07	1.21E-07	1.65E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
5418	487932.8	3857000.3	1.99E-03	2.04E-03	1.93E-03	6.90E-07	2.08E-06	1.21E-06	1.24E-06	1.12E-06	5.11E-07	4.82E-07	2.30E-08	5.57E-07	1.23E-07	1.68E-07	2.66E-07	4.69E-08	2.53E-07	1.44E-06
5419	487960.5	3857044.8	2.03E-03	2.08E-03	1.96E-03	7.01E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.19E-07	4.90E-07	2.34E-08	5.66E-07	1.25E-07	1.71E-07	2.70E-07	4.77E-08	2.57E-07	1.46E-06
5420	488016.5	3857089.5	2.04E-03	2.09E-03	1.97E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.24E-07	4.94E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.81E-08	2.59E-07	1.47E-06
5421	488114.4	3857165.5	2.08E-03	2.13E-03	2.01E-03	7.21E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.34E-07	5.04E-07	2.41E-08	5.82E-07	1.28E-07	1.75E-07	2.78E-07	4.90E-08	2.64E-07	1.50E-06
5422	488171.5	3857234.2	2.15E-03	2.20E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.19E-07	2.48E-08	6.00E-07	1.32E-07	1.81E-07	2.87E-07	5.05E-08	2.72E-07	1.55E-06
5423	488193.2	3857297.8	2.24E-03	2.29E-03	2.16E-03	7.75E-07	2.34E-06	1.35E-06	1.39E-06	1.26E-06	5.74E-07	5.41E-07	2.59E-08	6.25E-07	1.38E-07	1.88E-07	2.99E-07	5.26E-08	2.84E-07	1.61E-06
5424	488189.3	3857649.9	3.01E-03	3.09E-03	2.91E-03	1.04E-06	3.15E-06	1.82E-06	1.87E-06	1.69E-06	7.72E-07	7.28E-07	3.48E-08	8.41E-07	1.86E-07	2.53E-07	4.02E-07	7.09E-08	3.82E-07	2.17E-06
5425	488127.4	3857732.3	3.35E-03	3.44E-03	3.24E-03	1.16E-06	3.51E-06	2.03E-06	2.08E-06	1.88E-06	8.60E-07	8.11E-07	3.88E-08	9.37E-07	2.07E-07	2.82E-07	4.48E-07	7.89E-08	4.26E-07	2.42E-06

5426	488149.9	3857752.9	3.39E-03	3.47E-03	3.27E-03	1.17E-06	3.54E-06	2.05E-06	2.10E-06	1.90E-06	8.68E-07	8.19E-07	3.91E-08	9.45E-07	2.09E-07	2.85E-07	4.52E-07	7.96E-08	4.30E-07	2.44E-06
5427	488144.8	3857758.7	3.41E-03	3.49E-03	3.30E-03	1.18E-06	3.57E-06	2.06E-06	2.11E-06	1.92E-06	8.75E-07	8.25E-07	3.94E-08	9.53E-07	2.10E-07	2.87E-07	4.55E-07	8.03E-08	4.33E-07	2.46E-06
5428	488335.6	3857932.6	3.83E-03	3.92E-03	3.70E-03	1.33E-06	4.00E-06	2.32E-06	2.37E-06	2.15E-06	9.82E-07	9.26E-07	4.43E-08	1.07E-06	2.36E-07	3.22E-07	5.11E-07	9.01E-08	4.86E-07	2.76E-06
5429	488372.3	3857943.8	3.81E-03	3.90E-03	3.68E-03	1.32E-06	3.98E-06	2.30E-06	2.36E-06	2.14E-06	9.76E-07	9.20E-07	4.40E-08	1.06E-06	2.35E-07	3.20E-07	5.08E-07	8.95E-08	4.83E-07	2.74E-06
5430	488828.6	3857936.4	2.99E-03	3.06E-03	2.89E-03	1.03E-06	3.12E-06	1.81E-06	1.85E-06	1.68E-06	7.66E-07	7.22E-07	3.45E-08	8.34E-07	1.84E-07	2.51E-07	3.99E-07	7.03E-08	3.79E-07	2.15E-06
5431	488829.1	3857959.6	3.05E-03	3.12E-03	2.95E-03	1.06E-06	3.19E-06	1.85E-06	1.89E-06	1.71E-06	7.82E-07	7.38E-07	3.53E-08	8.52E-07	1.88E-07	2.57E-07	4.07E-07	7.18E-08	3.87E-07	2.20E-06
5432	488351.6	3857964.6	3.96E-03	4.05E-03	3.82E-03	1.37E-06	4.14E-06	2.40E-06	2.45E-06	2.22E-06	1.01E-06	9.57E-07	4.58E-08	1.11E-06	2.44E-07	3.33E-07	5.28E-07	9.31E-08	5.02E-07	2.85E-06
5433	488316.9	3857947.7	3.95E-03	4.04E-03	3.81E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	1.01E-06	9.55E-07	4.56E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.29E-08	5.01E-07	2.84E-06
5434	488129.1	3857775.8	3.50E-03	3.59E-03	3.38E-03	1.21E-06	3.66E-06	2.12E-06	2.17E-06	1.97E-06	8.98E-07	8.47E-07	4.05E-08	9.78E-07	2.16E-07	2.95E-07	4.67E-07	8.24E-08	4.44E-07	2.52E-06
5435	488062.5	3857846.1	3.97E-03	4.07E-03	3.84E-03	1.38E-06	4.15E-06	2.40E-06	2.46E-06	2.23E-06	1.02E-06	9.61E-07	4.59E-08	1.11E-06	2.45E-07	3.34E-07	5.31E-07	9.35E-08	5.04E-07	2.86E-06
5436	488330.4	3858091.3	4.79E-03	4.91E-03	4.63E-03	1.66E-06	5.01E-06	2.90E-06	2.97E-06	2.69E-06	1.23E-06	1.16E-06	5.54E-08	1.34E-06	2.95E-07	4.03E-07	6.40E-07	1.13E-07	6.08E-07	3.45E-06
5437	488470.9	3858174.5	4.95E-03	5.07E-03	4.79E-03	1.72E-06	5.18E-06	3.00E-06	3.07E-06	2.78E-06	1.27E-06	1.20E-06	5.73E-08	1.38E-06	3.05E-07	4.17E-07	6.61E-07	1.17E-07	6.29E-07	3.57E-06
5438	488568.9	3858262.3	5.41E-03	5.54E-03	5.23E-03	1.87E-06	5.65E-06	3.27E-06	3.35E-06	3.04E-06	1.39E-06	1.31E-06	6.25E-08	1.51E-06	3.33E-07	4.55E-07	7.22E-07	1.27E-07	6.86E-07	3.90E-06
5439	488964.3	3858025.7	3.04E-03	3.12E-03	2.94E-03	1.05E-06	3.18E-06	1.84E-06	1.89E-06	1.71E-06	7.80E-07	7.35E-07	3.52E-08	8.49E-07	1.87E-07	2.56E-07	4.06E-07	7.16E-08	3.86E-07	2.19E-06
5440	489147.3	3857956.6	2.63E-03	2.69E-03	2.54E-03	9.10E-07	2.75E-06	1.59E-06	1.63E-06	1.48E-06	6.74E-07	6.36E-07	3.04E-08	7.34E-07	1.62E-07	2.21E-07	3.51E-07	6.18E-08	3.34E-07	1.89E-06
5441	489343.5	3857932.5	2.38E-03	2.44E-03	2.30E-03	8.24E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	6.10E-07	5.75E-07	2.75E-08	6.64E-07	1.47E-07	2.00E-07	3.18E-07	5.60E-08	3.02E-07	1.71E-06
5442	489866.2	3857923.2	1.98E-03	2.03E-03	1.91E-03	6.86E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	5.08E-07	4.79E-07	2.29E-08	5.53E-07	1.22E-07	1.67E-07	2.64E-07	4.66E-08	2.51E-07	1.43E-06
5443	489955.7	3857902.3	1.90E-03	1.95E-03	1.84E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.87E-07	4.60E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.47E-08	2.41E-07	1.37E-06
5444	490079.4	3857847.9	1.80E-03	1.85E-03	1.74E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.63E-07	4.36E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.25E-08	2.29E-07	1.30E-06
5445	490108.5	3857934.1	1.86E-03	1.91E-03	1.80E-03	6.45E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.78E-07	4.51E-07	2.15E-08	5.20E-07	1.15E-07	1.57E-07	2.49E-07	4.39E-08	2.37E-07	1.34E-06
5446	489884.5	3858014.2	2.08E-03	2.13E-03	2.00E-03	7.18E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.32E-07	5.02E-07	2.40E-08	5.79E-07	1.28E-07	1.75E-07	2.77E-07	4.88E-08	2.63E-07	1.49E-06
5447	489326.6	3858025.9	2.57E-03	2.63E-03	2.48E-03	8.88E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.58E-07	6.21E-07	2.97E-08	7.17E-07	1.58E-07	2.16E-07	3.43E-07	6.04E-08	3.26E-07	1.85E-06
5448	489130.4	3858056.7	2.87E-03	2.94E-03	2.77E-03	9.92E-07	3.00E-06	1.73E-06	1.78E-06	1.61E-06	7.35E-07	6.93E-07	3.31E-08	8.00E-07	1.77E-07	2.41E-07	3.83E-07	6.74E-08	3.64E-07	2.06E-06
5449	488936.5	3858143.9	3.48E-03	3.56E-03	3.36E-03	1.20E-06	3.64E-06	2.11E-06	2.16E-06	1.96E-06	8.92E-07	8.41E-07	4.02E-08	9.72E-07	2.14E-07	2.93E-07	4.65E-07	8.19E-08	4.42E-07	2.51E-06
5450	488638.1	3858327.5	5.69E-03	5.83E-03	5.50E-03	1.97E-06	5.95E-06	3.45E-06	3.53E-06	3.20E-06	1.46E-06	1.38E-06	6.58E-08	1.59E-06	3.51E-07	4.79E-07	7.60E-07	1.34E-07	7.23E-07	4.10E-06
5451	488663.8	3858349.6	5.78E-03	5.92E-03	5.58E-03	2.00E-06	6.04E-06	3.50E-06	3.58E-06	3.25E-06	1.48E-06	1.40E-06	6.68E-08	1.61E-06	3.56E-07	4.86E-07	7.71E-07	1.36E-07	7.33E-07	4.16E-06
5452	488694.6	3858349.5	5.60E-03	5.73E-03	5.41E-03	1.94E-06	5.85E-06	3.39E-06	3.47E-06	3.14E-06	1.43E-06	1.35E-06	6.47E-08	1.56E-06	3.45E-07	4.71E-07	7.47E-07	1.32E-07	7.10E-07	4.03E-06
5453	488694.4	3858336.8	5.47E-03	5.60E-03	5.28E-03	1.89E-06	5.72E-06	3.31E-06	3.39E-06	3.07E-06	1.40E-06	1.32E-06	6.32E-08	1.53E-06	3.37E-07	4.60E-07	7.30E-07	1.29E-07	6.94E-07	3.94E-06
5454	488712.8	3858336.4	5.37E-03	5.50E-03	5.18E-03	1.86E-06	5.61E-06	3.25E-06	3.33E-06	3.01E-06	1.38E-06	1.30E-06	6.20E-08	1.50E-06	3.31E-07	4.52E-07	7.16E-07	1.26E-07	6.81E-07	3.87E-06
5455	488713.2	3858367.5	5.68E-03	5.82E-03	5.49E-03	1.97E-06	5.93E-06	3.44E-06	3.52E-06	3.19E-06	1.46E-06	1.37E-06	6.56E-08	1.59E-06	3.50E-07	4.78E-07	7.58E-07	1.34E-07	7.20E-07	4.09E-06
5456	488704.6	3858384.1	5.92E-03	6.06E-03	5.72E-03	2.05E-06	6.19E-06	3.58E-06	3.67E-06	3.33E-06	1.52E-06	1.43E-06	6.84E-08	1.65E-06	3.65E-07	4.98E-07	7.90E-07	1.39E-07	7.51E-07	4.26E-06
5457	488604.2	3858488.3	8.73E-03	8.94E-03	8.43E-03	3.02E-06	9.12E-06	5.28E-06	5.41E-06	4.90E-06	2.24E-06	2.11E-06	1.01E-07	2.44E-06	5.38E-07	7.34E-07	1.16E-06	2.05E-07	1.11E-06	6.29E-06
5458	488605.7	3858550.5	1.07E-02	1.10E-02	1.04E-02	3.72E-06	1.12E-05	6.50E-06	6.66E-06	6.04E-06	2.75E-06	2.60E-06	1.24E-07	3.00E-06	6.62E-07	9.04E-07	1.43E-06	2.53E-07	1.36E-06	7.74E-06
5459	488692.7	3858548.7	9.07E-03	9.29E-03	8.76E-03	3.14E-06	9.48E-06	5.49E-06	5.62E-06	5.09E-06	2.32E-06	2.19E-06	1.05E-07	2.53E-06	5.59E-07	7.63E-07	1.21E-06	2.13E-07	1.15E-06	6.53E-06
5460	488759.9	3858461.8	6.53E-03	6.69E-03	6.31E-03	2.26E-06	6.83E-06	3.95E-06	4.05E-06	3.67E-06	1.67E-06	1.58E-06	7.55E-08	1.82E-06	4.03E-07	5.50E-07	8.72E-07	1.54E-07	8.29E-07	4.71E-06
5461	488816.6	3858541.8	7.34E-03	7.52E-03	7.09E-03	2.54E-06	7.67E-06	4.44E-06	4.55E-06	4.12E-06	1.88E-06	1.77E-06	8.48E-08	2.05E-06	4.52E-07	6.17E-07	9.79E-07	1.73E-07	9.31E-07	5.29E-06
5462	488944.6	3858656.8	8.26E-03	8.46E-03	7.98E-03	2.86E-06	8.64E-06	5.00E-06	5.12E-06	4.64E-06	2.12E-06	2.00E-06	9.55E-08	2.31E-06	5.09E-07	6.95E-07	1.10E-06	1.94E-07	1.05E-06	5.95E-06
5463	489134.9	3858830.7	1.03E-02	1.05E-02	9.95E-03	3.56E-06	1.08E-05	6.23E-06	6.38E-06	5.78E-06	2.64E-06	2.49E-06	1.19E-07	2.88E-06	6.34E-07	8.66E-07	1.37E-06	2.42E-07	1.31E-06	7.42E-06
5464	489194	3858886.1	1.12E-02	1.15E-02	1.08E-02	3.88E-06	1.17E-05	6.79E-06	6.95E-06	6.30E-06	2.88E-06	2.71E-06	1.30E-07	3.13E-06	6.91E-07	9.44E-07	1.50E-06	2.64E-07	1.42E-06	8.09E-06
5465	489295.2	3858954.3	1.18E-02	1.21E-02	1.14E-02	4.09E-06	1.24E-05	7.16E-06	7.33E-06	6.65E-06	3.03E-06	2.86E-06	1.37E-07	3.30E-06	7.29E-07	9.95E-07	1.58E-06	2.78E-07	1.50E-06	8.52E-06
5466	489295.6	3858992.7	1.41E-02	1.44E-02	1.36E-02	4.87E-06	1.47E-05	8.52E-06	8.72E-06	7.91E-06	3.61E-06	3.40E-06	1.63E-07	3.93E-06	8.67E-07	1.18E-06	1.88E-06	3.31E-07	1.79E-06	1.01E-05
5467	489183.7	3858911.7	1.28E-02	1.31E-02	1.24E-02	4.43E-06	1.34E-05	7.74E-06	7.93E-06	7.19E-06	3.28E-06	3.09E-06	1.48E-07	3.57E-06	7.88E-07	1.08E-06	1.71E-06	3.01E-07	1.62E-06	9.22E-06
5468	488873.4	3858625.6	8.45E-03	8.66E-03	8.17E-03	2.93E-06	8.84E-06	5.12E-06	5.24E-06	4.75E-06	2.17E-06	2.04E-06	9.77E-08	2.36E-06	5.21E-07	7.11E-07	1.13E-06	1.99E-07	1.07E-06	6.09E-06
5469	488842.8	3858658.7	9.92E-03	1.02E-02	9.58E-03	3.43E-06	1.04E-05	6.00E-06	6.15E-06	5.57E-06	2.54E-06	2.40E-06	1.15E-07	2.77E-06	6.11E-07	8.35E-07	1.32E-06	2.33E-07	1.26E-06	7.15E-06
5470	488856.4	3858670.9	1.01E-02	1.03E-02	9.73E-03	3.49E-06	1.05E-05	6.10E-06	6.24E-06	5.66E-06	2.58E-06	2.44E-06	1.16E-07	2.81E-06	6.21E-07	8.48E-07	1.34E-06	2.37E-07	1.28E-06	7.26E-06
5471	488805.7	3858724.5	1.42E-02	1.45E-02	1.37E-02	4.90E-06	1.48E-05	8.57E-06	8.77E-06	7.95E-06	3.63E-06	3.42E-06	1.64E-07	3.95E-06	8.72E-07	1.19E-06	1.89E-06	3.33E-07	1.80E-06	1.02E-05
5472	488805.9	3858804.2	2.35E-02	2.40E-02	2.27E-02	8.12E-06	2.45E-05	1.42E-05	1.45E-05	1.32E-05	6.01E-06	5.67E-06	2.71E-07	6.55E-06	1.45E-06	1.97E-06	3.13E-06	5.52E-07	2.98E-06	1.69E-05
5473	488995.8	3858937	3.03E-02	3.10E-02	2.93E-02	1.05E-05	3.17E-05	1.83E-05	1.88E-05	1.70E-05	7.76E-06	7.32E-06	3.50E-07	8.46E-06	1.87E-06	2.55E-06	4.04E-06	7.13E-07	3.84E-06	2.18E-05
5474	489130.8	3859017.4	3.23E-02	3.31E-02	3.12E-02	1.12E-05	3.37E-05	1.95E-05	2.00E-05	1.81E-05	8.28E-06	7.81E-06	3.73E-07	9.02E-06	1.99E-06	2.72E-06	4.31E-06	7.60E-07	4.10E-06	2.33E-05
5475	489130.9	3859052.2	4.98E-02	5.10E-02	4.81E-02	1.72E-05	5.20E-05	3.01E-05	3.08E-05	2.80E-05	1.28E-05	1.20E-05	5.75E-07	1.39E-05	3.07E-06	4.19E-06	6.64E-06	1.17E-06	6.31E-06	3.59E-05
5476	489200.3	3859090.6	4.97E-02	5.09E-02	4.80E-02	1.72E-05	5.19E-05	3.01E-05	3.08E-05	2.79E-05	1.27E-05	1.20E-05	5.74E-07	1.39E-05	3.06E-06	4.18E-06	6.63E-06	1.17E-06	6.30E-06	3.58E-05
5477	489296.1	3859143.7	4.95E-02	5.07E-02	4.79E-02	1.71E-05	5.18E-05	3.00E-05	3.07E-05	2.78E-05	1.27E-05	1.20E-05	5.73E-07	1.38E-05	3.05E-06	4.17E-06	6.61E-06	1.17E-06	6.29E-06	3.57E-05
5478	489296.4	3858954.7	1.18E-02	1.21E-02	1.14E-02	4.09E-06	1.23E-05	7.15E-06	7.32E-06	6.64E-06	3.03E-06	2.86E-06	1.37E-07	3.30E-06	7.28E-07	9.94E-07	1.58E-06	2.78E-07	1.50E-06	8.51E-06
5479	489410.3	3859033.2	1.26E-02	1.30E-02	1.22E-02	4.38E-06	1.32E-05	7.65E-06	7.84E-06	7.11E-06	3.24E-06	3.06E-06	1.46E-07	3.53E-06	7.79E-07	1.06E-06	1.69E-06	2.98E-07	1.61E-06	9.11E-06
5480	489371.4	3859089.8	1.94E-02	1.99E-02	1.87E-02	6.72E-06	2.03E-05	1.17E-05	1.20E-05	1.09E-05	4.97E-06	4.69E-06	2.24E-07	5.42E-06	1.20E-06	1.63E-06	2.59E-06	4.56E-07	2.46E-06	1.40E-05
5481	489390.5	3859102.8	1.97E-02	2.02E-02	1.91E-02	6.83E-06	2.06E-05	1.19E-05	1.22E-05	1.11E-05	5.06E-06	4.77E-06	2.28E-07	5.51E-06	1.22E-06	1.66E-06	2.63E-06	4.64E-07	2.50E-06	1.42E-05

5482	489382.3	3859114.5	2.22E-02	2.27E-02	2.15E-02	7.69E-06	2.32E-05	1.34E-05	1.38E-05	1.25E-05	5.69E-06	5.37E-06	2.57E-07	6.20E-06	1.37E-06	1.87E-06	2.96E-06	5.22E-07	2.82E-06	1.60E-05
5483	489363	3859102.5	2.20E-02	2.25E-02	2.12E-02	7.60E-06	2.29E-05	1.33E-05	1.36E-05	1.23E-05	5.63E-06	5.31E-06	2.54E-07	6.13E-06	1.35E-06	1.85E-06	2.93E-06	5.17E-07	2.79E-06	1.58E-05
5484	489337.5	3859140.7	3.58E-02	3.67E-02	3.46E-02	1.24E-05	3.74E-05	2.17E-05	2.22E-05	2.01E-05	9.17E-06	8.65E-06	4.14E-07	9.99E-06	2.21E-06	3.01E-06	4.78E-06	8.42E-07	4.54E-06	2.58E-05
5485	489375.1	3859164.6	3.72E-02	3.81E-02	3.60E-02	1.29E-05	3.89E-05	2.25E-05	2.31E-05	2.09E-05	9.54E-06	9.00E-06	4.30E-07	1.04E-05	2.29E-06	3.13E-06	4.97E-06	8.76E-07	4.72E-06	2.68E-05
5486	489409.3	3859114.5	1.99E-02	2.04E-02	1.92E-02	6.90E-06	2.08E-05	1.21E-05	1.23E-05	1.12E-05	5.11E-06	4.82E-06	2.30E-07	5.56E-06	1.23E-06	1.68E-06	2.66E-06	4.69E-07	2.53E-06	1.43E-05
5487	489434.9	3859131.8	2.04E-02	2.09E-02	1.97E-02	7.05E-06	2.13E-05	1.23E-05	1.26E-05	1.14E-05	5.22E-06	4.93E-06	2.36E-07	5.69E-06	1.26E-06	1.71E-06	2.72E-06	4.79E-07	2.59E-06	1.47E-05
5488	489471.9	3859075.8	1.31E-02	1.35E-02	1.27E-02	4.55E-06	1.37E-05	7.95E-06	8.15E-06	7.38E-06	3.37E-06	3.18E-06	1.52E-07	3.67E-06	8.10E-07	1.11E-06	1.75E-06	3.09E-07	1.67E-06	9.47E-06
5489	489602.6	3859164.7	1.43E-02	1.46E-02	1.38E-02	4.94E-06	1.49E-05	8.63E-06	8.84E-06	8.02E-06	3.66E-06	3.45E-06	1.65E-07	3.98E-06	8.79E-07	1.20E-06	1.90E-06	3.36E-07	1.81E-06	1.03E-05
5490	489558.3	3859232.5	2.65E-02	2.71E-02	2.56E-02	9.17E-06	2.77E-05	1.60E-05	1.64E-05	1.49E-05	6.79E-06	6.40E-06	3.06E-07	7.39E-06	1.63E-06	2.23E-06	3.53E-06	6.23E-07	3.36E-06	1.91E-05
5491	489620.1	3859273.6	2.83E-02	2.90E-02	2.74E-02	9.80E-06	2.96E-05	1.71E-05	1.75E-05	1.59E-05	7.26E-06	6.85E-06	3.27E-07	7.91E-06	1.74E-06	2.38E-06	3.78E-06	6.66E-07	3.59E-06	2.04E-05
5492	489666.1	3859206.4	1.48E-02	1.52E-02	1.43E-02	5.12E-06	1.55E-05	8.96E-06	9.17E-06	8.31E-06	3.79E-06	3.58E-06	1.71E-07	4.13E-06	9.12E-07	1.25E-06	1.98E-06	3.48E-07	1.88E-06	1.07E-05
5493	489787.9	3859285.7	1.58E-02	1.62E-02	1.53E-02	5.48E-06	1.65E-05	9.58E-06	9.81E-06	8.89E-06	4.06E-06	3.83E-06	1.83E-07	4.42E-06	9.75E-07	1.33E-06	2.11E-06	3.72E-07	2.01E-06	1.14E-05
5494	489752.2	3859343.1	2.75E-02	2.82E-02	2.66E-02	9.53E-06	2.88E-05	1.67E-05	1.71E-05	1.55E-05	7.06E-06	6.66E-06	3.18E-07	7.69E-06	1.70E-06	2.32E-06	3.67E-06	6.48E-07	3.49E-06	1.98E-05
5495	489814.9	3859385.3	2.96E-02	3.04E-02	2.86E-02	1.03E-05	3.10E-05	1.79E-05	1.84E-05	1.67E-05	7.60E-06	7.17E-06	3.43E-07	8.28E-06	1.83E-06	2.49E-06	3.96E-06	6.97E-07	3.76E-06	2.14E-05
5496	489853.4	3859330.7	1.67E-02	1.71E-02	1.61E-02	5.78E-06	1.74E-05	1.01E-05	1.03E-05	9.38E-06	4.28E-06	4.04E-06	1.93E-07	4.66E-06	1.03E-06	1.40E-06	2.23E-06	3.93E-07	2.12E-06	1.20E-05
5497	489969.5	3859401.9	1.75E-02	1.79E-02	1.69E-02	6.06E-06	1.83E-05	1.06E-05	1.09E-05	9.84E-06	4.49E-06	4.23E-06	2.02E-07	4.89E-06	1.08E-06	1.47E-06	2.34E-06	4.12E-07	2.22E-06	1.26E-05
5498	490166.9	3859487	1.60E-02	1.64E-02	1.55E-02	5.54E-06	1.67E-05	9.68E-06	9.91E-06	8.99E-06	4.10E-06	3.87E-06	1.85E-07	4.47E-06	9.85E-07	1.35E-06	2.13E-06	3.76E-07	2.03E-06	1.15E-05
5499	490128.9	3859571.5	4.00E-02	4.10E-02	3.87E-02	1.39E-05	4.19E-05	2.42E-05	2.48E-05	2.25E-05	1.03E-05	9.68E-06	4.63E-07	1.12E-05	2.47E-06	3.37E-06	5.35E-06	9.42E-07	5.08E-06	2.89E-05
5500	490186.7	3859593.7	4.04E-02	4.13E-02	3.90E-02	1.40E-05	4.22E-05	2.44E-05	2.50E-05	2.27E-05	1.03E-05	9.76E-06	4.66E-07	1.13E-05	2.49E-06	3.40E-06	5.39E-06	9.49E-07	5.12E-06	2.91E-05
5501	490223.7	3859517.5	1.66E-02	1.70E-02	1.61E-02	5.76E-06	1.74E-05	1.01E-05	1.03E-05	9.35E-06	4.27E-06	4.02E-06	1.92E-07	4.65E-06	1.03E-06	1.40E-06	2.22E-06	3.91E-07	2.11E-06	1.20E-05
5502	490846.3	3859817.2	2.42E-02	2.48E-02	2.34E-02	8.38E-06	2.53E-05	1.46E-05	1.50E-05	1.36E-05	6.21E-06	5.85E-06	2.80E-07	6.76E-06	1.49E-06	2.04E-06	3.23E-06	5.70E-07	3.07E-06	1.74E-05
5503	490925.7	3859844.6	2.24E-02	2.29E-02	2.16E-02	7.75E-06	2.34E-05	1.35E-05	1.39E-05	1.26E-05	5.74E-06	5.41E-06	2.59E-07	6.25E-06	1.38E-06	1.88E-06	2.99E-06	5.26E-07	2.84E-06	1.61E-05
5504	491159.3	3859896.3	1.57E-02	1.61E-02	1.52E-02	5.43E-06	1.64E-05	9.50E-06	9.73E-06	8.82E-06	4.02E-06	3.80E-06	1.81E-07	4.38E-06	9.67E-07	1.32E-06	2.10E-06	3.69E-07	1.99E-06	1.13E-05
5505	491370.7	3859960.9	1.20E-02	1.23E-02	1.16E-02	4.15E-06	1.25E-05	7.25E-06	7.43E-06	6.73E-06	3.07E-06	2.90E-06	1.39E-07	3.35E-06	7.39E-07	1.01E-06	1.60E-06	2.82E-07	1.52E-06	8.64E-06
5506	491330.3	3860063.2	2.24E-02	2.29E-02	2.16E-02	7.74E-06	2.34E-05	1.35E-05	1.39E-05	1.26E-05	5.73E-06	5.41E-06	2.58E-07	6.24E-06	1.38E-06	1.88E-06	2.98E-06	5.26E-07	2.84E-06	1.61E-05
5507	491636.5	3860180.8	1.20E-02	1.23E-02	1.16E-02	4.15E-06	1.25E-05	7.26E-06	7.44E-06	6.74E-06	3.08E-06	2.90E-06	1.39E-07	3.35E-06	7.39E-07	1.01E-06	1.60E-06	2.82E-07	1.52E-06	8.65E-06
5508	491617.9	3860203.9	1.39E-02	1.42E-02	1.34E-02	4.80E-06	1.45E-05	8.39E-06	8.59E-06	7.79E-06	3.55E-06	3.35E-06	1.60E-07	3.87E-06	8.54E-07	1.17E-06	1.85E-06	3.26E-07	1.76E-06	9.98E-06
5509	491805.7	3860271.6	1.04E-02	1.06E-02	1.00E-02	3.59E-06	1.08E-05	6.28E-06	6.43E-06	5.83E-06	2.66E-06	2.51E-06	1.20E-07	2.90E-06	6.40E-07	8.73E-07	1.39E-06	2.44E-07	1.32E-06	7.48E-06
5510	491654.2	3860414	5.36E-02	5.49E-02	5.18E-02	1.86E-05	5.61E-05	3.24E-05	3.32E-05	3.01E-05	1.37E-05	1.30E-05	6.20E-07	1.50E-05	3.30E-06	4.51E-06	7.16E-06	1.26E-06	6.81E-06	3.86E-05
5511	491592.6	3860510.8	1.04E-02	1.06E-02	1.00E-02	3.59E-06	1.08E-05	6.27E-06	6.42E-06	5.82E-06	2.66E-06	2.51E-06	1.20E-07	2.89E-06	6.39E-07	8.72E-07	1.38E-06	2.44E-07	1.32E-06	7.47E-06
5512	491475.4	3860368.9	1.74E-02	1.79E-02	1.68E-02	6.04E-06	1.82E-05	1.06E-05	1.08E-05	9.80E-06	4.47E-06	4.22E-06	2.02E-07	4.87E-06	1.07E-06	1.47E-06	2.33E-06	4.10E-07	2.21E-06	1.26E-05
5513	491445.6	3860337.3	1.94E-02	1.99E-02	1.87E-02	6.71E-06	2.03E-05	1.17E-05	1.20E-05	1.09E-05	4.97E-06	4.69E-06	2.24E-07	5.41E-06	1.19E-06	1.63E-06	2.59E-06	4.56E-07	2.46E-06	1.40E-05
5514	491399.1	3860300.4	1.97E-02	2.02E-02	1.91E-02	6.83E-06	2.06E-05	1.19E-05	1.22E-05	1.11E-05	5.06E-06	4.77E-06	2.28E-07	5.51E-06	1.22E-06	1.66E-06	2.63E-06	4.64E-07	2.50E-06	1.42E-05
5515	491228.8	3860236	9.70E-03	9.94E-03	9.37E-03	3.36E-06	1.01E-05	5.87E-06	6.01E-06	5.45E-06	2.49E-06	2.35E-06	1.12E-07	2.71E-06	5.98E-07	8.16E-07	1.30E-06	2.28E-07	1.23E-06	6.99E-06
5516	491228.5	3860174.6	1.85E-02	1.89E-02	1.78E-02	6.40E-06	1.93E-05	1.12E-05	1.14E-05	1.04E-05	4.74E-06	4.47E-06	2.14E-07	5.16E-06	1.14E-06	1.55E-06	2.47E-06	4.35E-07	2.34E-06	1.33E-05
5517	491145.8	3860112.6	1.83E-02	1.88E-02	1.77E-02	6.35E-06	1.92E-05	1.11E-05	1.14E-05	1.03E-05	4.70E-06	4.44E-06	2.12E-07	5.12E-06	1.13E-06	1.54E-06	2.45E-06	4.32E-07	2.33E-06	1.32E-05
5518	490844.4	3859966.2	1.71E-02	1.75E-02	1.65E-02	5.92E-06	1.79E-05	1.03E-05	1.06E-05	9.60E-06	4.38E-06	4.13E-06	1.98E-07	4.77E-06	1.05E-06	1.44E-06	2.28E-06	4.02E-07	2.17E-06	1.23E-05
5519	490845.6	3859928.2	3.78E-02	3.87E-02	3.65E-02	1.31E-05	3.95E-05	2.29E-05	2.34E-05	2.12E-05	9.68E-06	9.13E-06	4.37E-07	1.05E-05	2.33E-06	3.18E-06	5.04E-06	8.89E-07	4.79E-06	2.72E-05
5520	490046.9	3859625.6	2.52E-02	2.58E-02	2.44E-02	8.73E-06	2.64E-05	1.53E-05	1.56E-05	1.42E-05	6.47E-06	6.10E-06	2.92E-07	7.04E-06	1.55E-06	2.12E-06	3.37E-06	5.93E-07	3.20E-06	1.82E-05
5521	489970.5	3859589.4	2.64E-02	2.71E-02	2.55E-02	9.15E-06	2.76E-05	1.60E-05	1.64E-05	1.48E-05	6.77E-06	6.39E-06	3.05E-07	7.38E-06	1.63E-06	2.22E-06	3.53E-06	6.22E-07	3.35E-06	1.90E-05
5522	489865.9	3859529.1	2.89E-02	2.96E-02	2.79E-02	9.99E-06	3.02E-05	1.75E-05	1.79E-05	1.62E-05	7.40E-06	6.98E-06	3.34E-07	8.06E-06	1.78E-06	2.43E-06	3.85E-06	6.79E-07	3.66E-06	2.08E-05
5523	489826.9	3859531.7	1.86E-02	1.91E-02	1.80E-02	6.45E-06	1.95E-05	1.13E-05	1.15E-05	1.05E-05	4.77E-06	4.50E-06	2.15E-07	5.20E-06	1.15E-06	1.57E-06	2.49E-06	4.38E-07	2.36E-06	1.34E-05
5524	489410.5	3859303.1	1.84E-02	1.89E-02	1.78E-02	6.38E-06	1.93E-05	1.12E-05	1.14E-05	1.04E-05	4.73E-06	4.46E-06	2.13E-07	5.15E-06	1.14E-06	1.55E-06	2.46E-06	4.34E-07	2.34E-06	1.33E-05
5525	489407.2	3859286.1	2.39E-02	2.44E-02	2.31E-02	8.26E-06	2.49E-05	1.44E-05	1.48E-05	1.34E-05	6.12E-06	5.77E-06	2.76E-07	6.66E-06	1.47E-06	2.01E-06	3.19E-06	5.61E-07	3.03E-06	1.72E-05
5526	488806.1	3858963.6	2.05E-02	2.10E-02	1.98E-02	7.09E-06	2.14E-05	1.24E-05	1.27E-05	1.15E-05	5.25E-06	4.95E-06	2.37E-07	5.72E-06	1.26E-06	1.72E-06	2.73E-06	4.82E-07	2.60E-06	1.47E-05
5527	488817.6	3859546.3	1.79E-03	1.84E-03	1.73E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.59E-07	4.33E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.21E-08	2.27E-07	1.29E-06
5528	489187.3	3859549.5	2.54E-03	2.60E-03	2.45E-03	8.79E-07	2.65E-06	1.54E-06	1.57E-06	1.43E-06	6.51E-07	6.14E-07	2.93E-08	7.09E-07	1.56E-07	2.14E-07	3.39E-07	5.97E-08	3.22E-07	1.83E-06
5529	489187.7	3859523.7	2.69E-03	2.76E-03	2.60E-03	9.33E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.91E-07	6.52E-07	3.12E-08	7.52E-07	1.66E-07	2.27E-07	3.60E-07	6.34E-08	3.42E-07	1.94E-06
5530	489232.6	3859522.9	2.87E-03	2.94E-03	2.78E-03	9.95E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.37E-07	6.95E-07	3.32E-08	8.02E-07	1.77E-07	2.42E-07	3.84E-07	6.76E-08	3.65E-07	2.07E-06
5531	489225	3859759.9	1.80E-03	1.85E-03	1.74E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.63E-07	4.36E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.25E-08	2.29E-07	1.30E-06
5532	488401.4	3859763.3	1.12E-03	1.14E-03	1.08E-03	3.87E-07	1.17E-06	6.76E-07	6.92E-07	6.28E-07	2.86E-07	2.70E-07	1.29E-08	3.12E-07	6.88E-08	9.40E-08	1.49E-07	2.63E-08	1.42E-07	8.05E-07
5533	488405.5	3859966.2	9.84E-04	1.01E-03	9.51E-04	3.41E-07	1.03E-06	5.96E-07	6.10E-07	5.53E-07	2.52E-07	2.38E-07	1.14E-08	2.75E-07	6.07E-08	8.28E-08	1.31E-07	2.32E-08	1.25E-07	7.09E-07
5534	489202.9	3859956.6	1.40E-03	1.43E-03	1.35E-03	4.84E-07	1.46E-06	8.46E-07	8.66E-07	7.85E-07	3.58E-07	3.38E-07	1.62E-08	3.90E-07	8.61E-08	1.18E-07	1.87E-07	3.29E-08	1.77E-07	1.01E-06
5535	489191.9	3860676.7	8.15E-04	8.34E-04	7.87E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.09E-07	1.97E-07	9.42E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.92E-08	1.03E-07	5.87E-07
5536	488392.8	3860687.9	6.76E-04	6.92E-04	6.53E-04	2.34E-07	7.07E-07	4.09E-07	4.19E-07	3.80E-07	1.73E-07	1.63E-07	7.81E-09	1.89E-07	4.16E-08	5.69E-08	9.02E-08	1.59E-08	8.58E-08	4.87E-07
5537	488392.8	3860760.3	6.57E-04	6.73E-04	6.35E-04	2.27E-07	6.86E-07	3.97E-07	4.07E-07	3.69E-07	1.68E-07	1.59E-07	7.59E-09	1.83E-07	4.05E-08	5.53E-08	8.77E-08	1.54E-08	8.33E-08	4.73E-07

5538	487549.1	3860777.5	5.58E-04	5.71E-04	5.39E-04	1.93E-07	5.83E-07	3.38E-07	3.46E-07	3.13E-07	1.43E-07	1.35E-07	6.45E-09	1.56E-07	3.44E-08	4.69E-08	7.45E-08	1.31E-08	7.08E-08	4.02E-07
5539	487554.6	3859571.8	9.40E-04	9.63E-04	9.08E-04	3.25E-07	9.83E-07	5.69E-07	5.83E-07	5.28E-07	2.41E-07	2.27E-07	1.09E-08	2.63E-07	5.79E-08	7.91E-08	1.25E-07	2.21E-08	1.19E-07	6.77E-07
5540	485949.5	3859558.5	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
5541	485947.6	3857943.6	1.69E-03	1.74E-03	1.64E-03	5.87E-07	1.77E-06	1.03E-06	1.05E-06	9.52E-07	4.34E-07	4.10E-07	1.96E-08	4.73E-07	1.04E-07	1.43E-07	2.26E-07	3.99E-08	2.15E-07	1.22E-06
5542	484738.4	3857940.2	8.71E-04	8.92E-04	8.41E-04	3.01E-07	9.10E-07	5.27E-07	5.40E-07	4.89E-07	2.23E-07	2.11E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.05E-08	1.10E-07	6.27E-07
5543	484737.1	3857535.7	1.09E-03	1.12E-03	1.05E-03	3.78E-07	1.14E-06	6.60E-07	6.76E-07	6.13E-07	2.80E-07	2.64E-07	1.26E-08	3.05E-07	6.72E-08	9.18E-08	1.46E-07	2.57E-08	1.38E-07	7.86E-07
5544	483730.2	3857530.1	7.45E-04	7.63E-04	7.20E-04	2.58E-07	7.79E-07	4.51E-07	4.62E-07	4.19E-07	1.91E-07	1.80E-07	8.62E-09	2.08E-07	4.59E-08	6.27E-08	9.95E-08	1.75E-08	9.46E-08	5.37E-07
5545	483727.3	3857130	8.71E-04	8.92E-04	8.41E-04	3.01E-07	9.10E-07	5.27E-07	5.40E-07	4.89E-07	2.23E-07	2.11E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.05E-08	1.10E-07	6.27E-07
5546	483124.4	3857123.5	7.25E-04	7.42E-04	7.00E-04	2.51E-07	7.57E-07	4.38E-07	4.49E-07	4.07E-07	1.86E-07	1.75E-07	8.38E-09	2.02E-07	4.46E-08	6.10E-08	9.67E-08	1.70E-08	9.20E-08	5.22E-07
5547	483111.1	3855921	1.24E-03	1.27E-03	1.19E-03	4.28E-07	1.29E-06	7.47E-07	7.66E-07	6.94E-07	3.17E-07	2.99E-07	1.43E-08	3.45E-07	7.61E-08	1.04E-07	1.65E-07	2.91E-08	1.57E-07	8.90E-07
5548	482701.7	3855918.2	9.92E-04	1.02E-03	9.58E-04	3.43E-07	1.04E-06	6.00E-07	6.15E-07	5.57E-07	2.54E-07	2.40E-07	1.15E-08	2.77E-07	6.11E-08	8.34E-08	1.32E-07	2.33E-08	1.26E-07	7.15E-07
5549	482668	3853521.8	8.35E-03	8.55E-03	8.06E-03	2.89E-06	8.72E-06	5.05E-06	5.17E-06	4.69E-06	2.14E-06	2.02E-06	9.65E-08	2.33E-06	5.14E-07	7.02E-07	1.11E-06	1.96E-07	1.06E-06	6.01E-06
5550	482579.9	3853219.2	1.01E-02	1.03E-02	9.72E-03	3.48E-06	1.05E-05	6.09E-06	6.24E-06	5.65E-06	2.58E-06	2.43E-06	1.16E-07	2.81E-06	6.20E-07	8.47E-07	1.34E-06	2.37E-07	1.28E-06	7.25E-06
5551	482434.1	3852961.9	1.42E-02	1.45E-02	1.37E-02	4.91E-06	1.48E-05	8.58E-06	8.79E-06	7.97E-06	3.64E-06	3.43E-06	1.64E-07	3.96E-06	8.74E-07	1.19E-06	1.89E-06	3.34E-07	1.80E-06	1.02E-05
5552	482332.1	3852832.9	1.84E-02	1.89E-02	1.78E-02	6.38E-06	1.92E-05	1.11E-05	1.14E-05	1.03E-05	4.72E-06	4.45E-06	2.13E-07	5.14E-06	1.13E-06	1.55E-06	2.46E-06	4.33E-07	2.34E-06	1.33E-05
5553	481335	3851819	1.52E-02	1.56E-02	1.47E-02	5.26E-06	1.59E-05	9.19E-06	9.41E-06	8.53E-06	3.89E-06	3.67E-06	1.76E-07	4.24E-06	9.36E-07	1.28E-06	2.03E-06	3.57E-07	1.93E-06	1.09E-05
5554	481127.6	3851646.4	1.31E-02	1.34E-02	1.26E-02	4.52E-06	1.37E-05	7.91E-06	8.10E-06	7.34E-06	3.35E-06	3.16E-06	1.51E-07	3.65E-06	8.05E-07	1.10E-06	1.74E-06	3.08E-07	1.66E-06	9.42E-06
5555	481025	3851591.7	1.19E-02	1.22E-02	1.15E-02	4.13E-06	1.25E-05	7.22E-06	7.40E-06	6.71E-06	3.06E-06	2.89E-06	1.38E-07	3.33E-06	7.36E-07	1.00E-06	1.59E-06	2.81E-07	1.52E-06	8.60E-06
5556	480513.6	3851335.8	1.22E-02	1.25E-02	1.18E-02	4.23E-06	1.28E-05	7.39E-06	7.57E-06	6.87E-06	3.13E-06	2.95E-06	1.41E-07	3.41E-06	7.53E-07	1.03E-06	1.63E-06	2.87E-07	1.55E-06	8.80E-06
5557	480523.6	3851317.7	1.65E-02	1.69E-02	1.60E-02	5.72E-06	1.73E-05	1.00E-05	1.02E-05	9.29E-06	4.24E-06	4.00E-06	1.91E-07	4.62E-06	1.02E-06	1.39E-06	2.21E-06	3.89E-07	2.10E-06	1.19E-05
5558	476921.6	3849569.1	1.46E-02	1.49E-02	1.41E-02	5.04E-06	1.52E-05	8.81E-06	9.02E-06	8.18E-06	3.73E-06	3.52E-06	1.68E-07	4.06E-06	8.97E-07	1.22E-06	1.94E-06	3.42E-07	1.85E-06	1.05E-05
5559	476521.2	3849374	1.75E-02	1.80E-02	1.69E-02	6.07E-06	1.83E-05	1.06E-05	1.09E-05	9.85E-06	4.49E-06	4.24E-06	2.03E-07	4.89E-06	1.08E-06	1.47E-06	2.34E-06	4.12E-07	2.22E-06	1.26E-05
5560	476391.5	3849333.4	1.87E-02	1.92E-02	1.81E-02	6.48E-06	1.96E-05	1.13E-05	1.16E-05	1.05E-05	4.80E-06	4.53E-06	2.16E-07	5.23E-06	1.15E-06	1.58E-06	2.50E-06	4.41E-07	2.38E-06	1.35E-05
5561	476219.4	3849304.3	1.63E-02	1.67E-02	1.58E-02	5.65E-06	1.71E-05	9.88E-06	1.01E-05	9.17E-06	4.19E-06	3.95E-06	1.89E-07	4.56E-06	1.01E-06	1.37E-06	2.18E-06	3.84E-07	2.07E-06	1.18E-05
5562	475679.1	3849218.5	1.33E-02	1.36E-02	1.28E-02	4.59E-06	1.39E-05	8.03E-06	8.22E-06	7.45E-06	3.40E-06	3.21E-06	1.53E-07	3.70E-06	8.17E-07	1.12E-06	1.77E-06	3.12E-07	1.68E-06	9.56E-06
5563	475677.7	3849233.9	1.06E-02	1.09E-02	1.03E-02	3.68E-06	1.11E-05	6.43E-06	6.58E-06	5.97E-06	2.72E-06	2.57E-06	1.23E-07	2.97E-06	6.54E-07	8.93E-07	1.42E-06	2.50E-07	1.35E-06	7.65E-06
5564	475492.7	3849204.7	7.41E-03	7.59E-03	7.15E-03	2.56E-06	7.74E-06	4.48E-06	4.59E-06	4.16E-06	1.90E-06	1.79E-06	8.56E-08	2.07E-06	4.56E-07	6.23E-07	9.89E-07	1.74E-07	9.40E-07	5.34E-06
5565	475497.6	3849158.8	1.74E-02	1.79E-02	1.68E-02	6.04E-06	1.82E-05	1.05E-05	1.08E-05	9.80E-06	4.47E-06	4.22E-06	2.02E-07	4.87E-06	1.07E-06	1.47E-06	2.33E-06	4.10E-07	2.21E-06	1.26E-05
5566	475391.4	3849141.9	1.33E-02	1.36E-02	1.29E-02	4.61E-06	1.39E-05	8.05E-06	8.25E-06	7.47E-06	3.41E-06	3.22E-06	1.54E-07	3.72E-06	8.20E-07	1.12E-06	1.78E-06	3.13E-07	1.69E-06	9.59E-06
5567	475277	3849095.5	1.28E-02	1.32E-02	1.24E-02	4.45E-06	1.34E-05	7.77E-06	7.96E-06	7.21E-06	3.29E-06	3.11E-06	1.48E-07	3.59E-06	7.91E-07	1.08E-06	1.71E-06	3.02E-07	1.63E-06	9.25E-06
5568	475183.9	3849025.7	1.67E-02	1.72E-02	1.62E-02	5.80E-06	1.75E-05	1.01E-05	1.04E-05	9.41E-06	4.29E-06	4.05E-06	1.94E-07	4.68E-06	1.03E-06	1.41E-06	2.24E-06	3.94E-07	2.13E-06	1.21E-05
5569	474453.2	3848378.8	2.39E-02	2.45E-02	2.31E-02	8.28E-06	2.50E-05	1.45E-05	1.48E-05	1.34E-05	6.13E-06	5.78E-06	2.76E-07	6.68E-06	1.47E-06	2.01E-06	3.19E-06	5.63E-07	3.04E-06	1.72E-05
5570	474569.6	3848399.3	5.15E-02	5.27E-02	4.97E-02	1.78E-05	5.38E-05	3.11E-05	3.19E-05	2.89E-05	1.32E-05	1.24E-05	5.95E-07	1.44E-05	3.17E-06	4.33E-06	6.87E-06	1.21E-06	6.53E-06	3.71E-05
5571	474644.3	3848464.5	5.22E-02	5.35E-02	5.04E-02	1.81E-05	5.46E-05	3.16E-05	3.24E-05	2.93E-05	1.34E-05	1.26E-05	6.04E-07	1.46E-05	3.22E-06	4.39E-06	6.97E-06	1.23E-06	6.63E-06	3.76E-05
5572	474719	3848529.7	5.33E-02	5.46E-02	5.15E-02	1.84E-05	5.57E-05	3.22E-05	3.30E-05	2.99E-05	1.37E-05	1.29E-05	6.16E-07	1.49E-05	3.28E-06	4.48E-06	7.11E-06	1.25E-06	6.76E-06	3.84E-05
5573	474793.7	3848594.9	5.42E-02	5.55E-02	5.24E-02	1.88E-05	5.67E-05	3.28E-05	3.36E-05	3.05E-05	1.39E-05	1.31E-05	6.27E-07	1.51E-05	3.34E-06	4.56E-06	7.24E-06	1.28E-06	6.88E-06	3.91E-05
5574	474868.5	3848660.1	5.45E-02	5.59E-02	5.27E-02	1.89E-05	5.70E-05	3.30E-05	3.38E-05	3.06E-05	1.40E-05	1.32E-05	6.30E-07	1.52E-05	3.36E-06	4.59E-06	7.28E-06	1.28E-06	6.92E-06	3.93E-05
5575	474943.2	3848725.3	5.55E-02	5.69E-02	5.36E-02	1.92E-05	5.80E-05	3.36E-05	3.44E-05	3.12E-05	1.42E-05	1.34E-05	6.42E-07	1.55E-05	3.42E-06	4.67E-06	7.41E-06	1.31E-06	7.05E-06	4.00E-05
5576	475017.9	3848790.4	5.74E-02	5.88E-02	5.54E-02	1.99E-05	6.00E-05	3.47E-05	3.55E-05	3.22E-05	1.47E-05	1.39E-05	6.63E-07	1.60E-05	3.53E-06	4.83E-06	7.66E-06	1.35E-06	7.28E-06	4.13E-05
5577	475092.6	3848855.6	5.86E-02	6.00E-02	5.66E-02	2.03E-05	6.12E-05	3.54E-05	3.63E-05	3.29E-05	1.50E-05	1.42E-05	6.77E-07	1.64E-05	3.61E-06	4.93E-06	7.82E-06	1.38E-06	7.43E-06	4.22E-05
5578	475232.6	3848959.4	4.94E-02	5.06E-02	4.77E-02	1.71E-05	5.16E-05	2.99E-05	3.06E-05	2.77E-05	1.27E-05	1.19E-05	5.71E-07	1.38E-05	3.04E-06	4.15E-06	6.59E-06	1.16E-06	6.27E-06	3.56E-05
5579	475368.5	3849030	5.11E-02	5.24E-02	4.94E-02	1.77E-05	5.35E-05	3.09E-05	3.17E-05	2.87E-05	1.31E-05	1.24E-05	5.91E-07	1.43E-05	3.15E-06	4.30E-06	6.83E-06	1.20E-06	6.49E-06	3.68E-05
5580	475609.6	3849096.1	4.26E-02	4.36E-02	4.11E-02	1.47E-05	4.45E-05	2.58E-05	2.64E-05	2.39E-05	1.09E-05	1.03E-05	4.92E-07	1.19E-05	2.62E-06	3.58E-06	5.68E-06	1.00E-06	5.40E-06	3.07E-05
5581	475680.7	3849116.6	4.89E-02	5.01E-02	4.72E-02	1.69E-05	5.11E-05	2.96E-05	3.03E-05	2.75E-05	1.25E-05	1.18E-05	5.65E-07	1.36E-05	3.01E-06	4.11E-06	6.52E-06	1.15E-06	6.20E-06	3.52E-05
5582	475843.8	3849151.5	6.04E-02	6.19E-02	5.84E-02	2.09E-05	6.31E-05	3.65E-05	3.74E-05	3.39E-05	1.55E-05	1.46E-05	6.98E-07	1.69E-05	3.72E-06	5.08E-06	8.06E-06	1.42E-06	7.66E-06	4.35E-05
5583	475935.7	3849165.9	5.56E-02	5.69E-02	5.37E-02	1.92E-05	5.81E-05	3.36E-05	3.44E-05	3.12E-05	1.42E-05	1.34E-05	6.43E-07	1.55E-05	3.43E-06	4.68E-06	7.42E-06	1.31E-06	7.05E-06	4.00E-05
5584	476027.7	3849180.3	5.55E-02	5.69E-02	5.37E-02	1.92E-05	5.81E-05	3.36E-05	3.44E-05	3.12E-05	1.42E-05	1.34E-05	6.42E-07	1.55E-05	3.42E-06	4.67E-06	7.41E-06	1.31E-06	7.05E-06	4.00E-05
5585	476119.7	3849194.6	5.81E-02	5.95E-02	5.62E-02	2.01E-05	6.07E-05	3.52E-05	3.60E-05	3.27E-05	1.49E-05	1.41E-05	6.72E-07	1.62E-05	3.58E-06	4.89E-06	7.76E-06	1.37E-06	7.38E-06	4.19E-05
5586	476211.7	3849209	5.75E-02	5.89E-02	5.56E-02	1.99E-05	6.01E-05	3.48E-05	3.56E-05	3.23E-05	1.47E-05	1.39E-05	6.65E-07	1.61E-05	3.54E-06	4.84E-06	7.68E-06	1.35E-06	7.30E-06	4.14E-05
5587	476497.8	3849283.9	7.46E-02	7.64E-02	7.21E-02	2.58E-05	7.80E-05	4.52E-05	4.62E-05	4.19E-05	1.91E-05	1.80E-05	8.63E-07	2.08E-05	4.60E-06	6.28E-06	9.96E-06	1.76E-06	9.47E-06	5.38E-05
5588	476603.7	3849323.8	7.43E-02	7.61E-02	7.18E-02	2.57E-05	7.77E-05	4.50E-05	4.61E-05	4.18E-05	1.91E-05	1.80E-05	8.59E-07	2.08E-05	4.58E-06	6.25E-06	9.92E-06	1.75E-06	9.43E-06	5.35E-05
5589	476729	3849382.8	6.86E-02	7.02E-02	6.63E-02	2.37E-05	7.17E-05	4.15E-05	4.25E-05	3.85E-05	1.76E-05	1.66E-05	7.93E-07	1.91E-05	4.23E-06	5.77E-06	9.15E-06	1.61E-06	8.70E-06	4.94E-05
5590	476801.3	3849418.7	6.85E-02	7.02E-02	6.62E-02	2.37E-05	7.16E-05	4.15E-05	4.25E-05	3.85E-05	1.76E-05	1.66E-05	7.92E-07	1.91E-05	4.22E-06	5.77E-06	9.15E-06	1.61E-06	8.70E-06	4.94E-05
5591	476956.2	3849495.1	6.86E-02	7.02E-02	6.62E-02	2.37E-05	7.17E-05	4.15E-05	4.25E-05	3.85E-05	1.76E-05	1.66E-05	7.93E-07	1.91E-05	4.22E-06	5.77E-06	9.15E-06	1.61E-06	8.70E-06	4.94E-05
5592	477038.8	3849535.6	6.95E-02	7.12E-02	6.71E-02	2.41E-05	7.26E-05	4.21E-05	4.31E-05	3.90E-05	1.78E-05	1.68E-05	8.03E-07	1.94E-05	4.28E-06	5.85E-06	9.28E-06	1.63E-06	8.82E-06	5.01E-05
5593	477121.5	3849576.1	6.92E-02	7.09E-02	6.69E-02	2.40E-05	7.23E-05	4.19E-05	4.29E-05	3.89E-05	1.77E-05	1.67E-05	8.00E-07	1.93E-05	4.26E-06	5.82E-06	9.24E-06	1.63E-06	8.78E-06	4.99E-05

5594	477204.1	3849616.6	6.96E-02	7.13E-02	6.73E-02	2.41E-05	7.28E-05	4.21E-05	4.32E-05	3.91E-05	1.79E-05	1.68E-05	8.05E-07	1.94E-05	4.29E-06	5.86E-06	9.30E-06	1.64E-06	8.84E-06	5.02E-05
5595	477286.8	3849657.1	6.55E-02	6.71E-02	6.33E-02	2.27E-05	6.85E-05	3.96E-05	4.06E-05	3.68E-05	1.68E-05	1.58E-05	7.57E-07	1.83E-05	4.04E-06	5.51E-06	8.74E-06	1.54E-06	8.31E-06	4.72E-05
5596	477369.4	3849697.6	6.96E-02	7.13E-02	6.73E-02	2.41E-05	7.28E-05	4.21E-05	4.31E-05	3.91E-05	1.78E-05	1.68E-05	8.05E-07	1.94E-05	4.29E-06	5.86E-06	9.29E-06	1.64E-06	8.83E-06	5.02E-05
5597	477452.1	3849738.2	6.96E-02	7.13E-02	6.73E-02	2.41E-05	7.28E-05	4.21E-05	4.32E-05	3.91E-05	1.79E-05	1.68E-05	8.05E-07	1.94E-05	4.29E-06	5.86E-06	9.30E-06	1.64E-06	8.84E-06	5.02E-05
5598	477534.7	3849778.7	7.17E-02	7.35E-02	6.93E-02	2.48E-05	7.50E-05	4.34E-05	4.44E-05	4.03E-05	1.84E-05	1.73E-05	8.29E-07	2.00E-05	4.42E-06	6.03E-06	9.57E-06	1.69E-06	9.10E-06	5.17E-05
5599	477617.4	3849819.2	7.15E-02	7.32E-02	6.90E-02	2.47E-05	7.47E-05	4.32E-05	4.43E-05	4.01E-05	1.83E-05	1.73E-05	8.26E-07	2.00E-05	4.40E-06	6.01E-06	9.54E-06	1.68E-06	9.07E-06	5.15E-05
5600	477824.7	3849896.4	4.70E-02	4.81E-02	4.54E-02	1.63E-05	4.91E-05	2.84E-05	2.91E-05	2.64E-05	1.20E-05	1.14E-05	5.43E-07	1.31E-05	2.89E-06	3.95E-06	6.27E-06	1.10E-06	5.96E-06	3.38E-05
5601	477906.3	3849936.4	4.84E-02	4.96E-02	4.67E-02	1.67E-05	5.06E-05	2.93E-05	3.00E-05	2.72E-05	1.24E-05	1.17E-05	5.59E-07	1.35E-05	2.98E-06	4.07E-06	6.46E-06	1.14E-06	6.14E-06	3.49E-05
5602	477987.9	3849976.4	4.85E-02	4.96E-02	4.68E-02	1.68E-05	5.06E-05	2.93E-05	3.00E-05	2.72E-05	1.24E-05	1.17E-05	5.60E-07	1.35E-05	2.99E-06	4.08E-06	6.47E-06	1.14E-06	6.15E-06	3.49E-05
5603	478069.5	3850016.4	4.90E-02	5.02E-02	4.73E-02	1.70E-05	5.12E-05	2.96E-05	3.04E-05	2.75E-05	1.26E-05	1.18E-05	5.66E-07	1.37E-05	3.02E-06	4.12E-06	6.54E-06	1.15E-06	6.22E-06	3.53E-05
5604	478151	3850056.4	4.92E-02	5.04E-02	4.76E-02	1.70E-05	5.15E-05	2.98E-05	3.05E-05	2.77E-05	1.26E-05	1.19E-05	5.69E-07	1.37E-05	3.03E-06	4.14E-06	6.57E-06	1.16E-06	6.25E-06	3.55E-05
5605	478232.6	3850096.4	4.98E-02	5.10E-02	4.81E-02	1.72E-05	5.20E-05	3.01E-05	3.08E-05	2.79E-05	1.28E-05	1.20E-05	5.75E-07	1.39E-05	3.07E-06	4.19E-06	6.64E-06	1.17E-06	6.31E-06	3.58E-05
5606	478314.2	3850136.3	4.99E-02	5.11E-02	4.82E-02	1.73E-05	5.22E-05	3.02E-05	3.09E-05	2.81E-05	1.28E-05	1.21E-05	5.77E-07	1.39E-05	3.08E-06	4.20E-06	6.66E-06	1.17E-06	6.34E-06	3.60E-05
5607	478395.8	3850176.3	5.01E-02	5.13E-02	4.84E-02	1.73E-05	5.23E-05	3.03E-05	3.10E-05	2.81E-05	1.28E-05	1.21E-05	5.79E-07	1.40E-05	3.08E-06	4.21E-06	6.68E-06	1.18E-06	6.35E-06	3.61E-05
5608	478575.4	3850244.5	3.83E-02	3.92E-02	3.70E-02	1.32E-05	4.00E-05	2.32E-05	2.37E-05	2.15E-05	9.81E-06	9.25E-06	4.42E-07	1.07E-05	2.36E-06	3.22E-06	5.11E-06	9.00E-07	4.86E-06	2.76E-05
5609	478665.1	3850287.3	3.79E-02	3.88E-02	3.66E-02	1.31E-05	3.96E-05	2.29E-05	2.35E-05	2.13E-05	9.71E-06	9.16E-06	4.38E-07	1.06E-05	2.33E-06	3.19E-06	5.05E-06	8.91E-07	4.80E-06	2.73E-05
5610	478754.7	3850330.1	3.74E-02	3.83E-02	3.62E-02	1.30E-05	3.91E-05	2.26E-05	2.32E-05	2.10E-05	9.59E-06	9.05E-06	4.33E-07	1.04E-05	2.31E-06	3.15E-06	4.99E-06	8.80E-07	4.75E-06	2.70E-05
5611	478844.3	3850373	3.67E-02	3.76E-02	3.55E-02	1.27E-05	3.84E-05	2.22E-05	2.27E-05	2.06E-05	9.41E-06	8.87E-06	4.24E-07	1.02E-05	2.26E-06	3.09E-06	4.90E-06	8.63E-07	4.66E-06	2.64E-05
5612	478934	3850415.8	3.58E-02	3.67E-02	3.46E-02	1.24E-05	3.74E-05	2.17E-05	2.22E-05	2.01E-05	9.18E-06	8.66E-06	4.14E-07	1.00E-05	2.21E-06	3.01E-06	4.78E-06	8.43E-07	4.55E-06	2.58E-05
5613	479023.6	3850458.7	3.63E-02	3.71E-02	3.50E-02	1.26E-05	3.79E-05	2.19E-05	2.25E-05	2.04E-05	9.30E-06	8.77E-06	4.19E-07	1.01E-05	2.23E-06	3.05E-06	4.84E-06	8.53E-07	4.60E-06	2.61E-05
5614	479110.7	3850441.9	2.06E-02	2.11E-02	1.99E-02	7.12E-06	2.15E-05	1.24E-05	1.27E-05	1.16E-05	5.27E-06	4.97E-06	2.38E-07	5.74E-06	1.27E-06	1.73E-06	2.74E-06	4.84E-07	2.61E-06	1.48E-05
5615	479191.2	3850424	1.44E-02	1.48E-02	1.39E-02	5.00E-06	1.51E-05	8.73E-06	8.94E-06	8.11E-06	3.70E-06	3.49E-06	1.67E-07	4.03E-06	8.89E-07	1.21E-06	1.93E-06	3.39E-07	1.83E-06	1.04E-05
5616	479274.3	3850465.7	1.46E-02	1.49E-02	1.41E-02	5.05E-06	1.52E-05	8.83E-06	9.04E-06	8.19E-06	3.74E-06	3.53E-06	1.69E-07	4.07E-06	8.99E-07	1.23E-06	1.95E-06	3.43E-07	1.85E-06	1.05E-05
5617	479357.4	3850507.4	1.47E-02	1.51E-02	1.42E-02	5.10E-06	1.54E-05	8.91E-06	9.13E-06	8.27E-06	3.78E-06	3.56E-06	1.70E-07	4.11E-06	9.08E-07	1.24E-06	1.97E-06	3.46E-07	1.87E-06	1.06E-05
5618	479440.5	3850549.1	1.47E-02	1.51E-02	1.42E-02	5.09E-06	1.54E-05	8.90E-06	9.12E-06	8.26E-06	3.77E-06	3.56E-06	1.70E-07	4.11E-06	9.06E-07	1.24E-06	1.96E-06	3.46E-07	1.87E-06	1.06E-05
5619	479523.6	3850590.9	1.47E-02	1.51E-02	1.42E-02	5.10E-06	1.54E-05	8.92E-06	9.13E-06	8.28E-06	3.78E-06	3.56E-06	1.70E-07	4.11E-06	9.08E-07	1.24E-06	1.97E-06	3.47E-07	1.87E-06	1.06E-05
5620	479606.7	3850632.6	1.49E-02	1.52E-02	1.44E-02	5.14E-06	1.55E-05	8.99E-06	9.21E-06	8.35E-06	3.81E-06	3.59E-06	1.72E-07	4.15E-06	9.15E-07	1.25E-06	1.98E-06	3.49E-07	1.88E-06	1.07E-05
5621	479777.4	3850707.6	1.41E-02	1.45E-02	1.37E-02	4.89E-06	1.48E-05	8.55E-06	8.76E-06	7.94E-06	3.62E-06	3.42E-06	1.63E-07	3.95E-06	8.71E-07	1.19E-06	1.89E-06	3.33E-07	1.79E-06	1.02E-05
5622	479864.9	3850741	1.35E-02	1.38E-02	1.31E-02	4.68E-06	1.41E-05	8.18E-06	8.38E-06	7.59E-06	3.47E-06	3.27E-06	1.56E-07	3.77E-06	8.33E-07	1.14E-06	1.80E-06	3.18E-07	1.72E-06	9.74E-06
5623	479931.9	3850829.6	1.88E-02	1.92E-02	1.81E-02	6.49E-06	1.96E-05	1.13E-05	1.16E-05	1.05E-05	4.81E-06	4.54E-06	2.17E-07	5.24E-06	1.16E-06	1.58E-06	2.50E-06	4.41E-07	2.38E-06	1.35E-05
5624	479995.6	3850926.8	3.37E-02	3.46E-02	3.26E-02	1.17E-05	3.53E-05	2.04E-05	2.09E-05	1.90E-05	8.65E-06	8.16E-06	3.90E-07	9.42E-06	2.08E-06	2.84E-06	4.50E-06	7.94E-07	4.28E-06	2.43E-05
5625	480079.8	3850968.6	3.36E-02	3.44E-02	3.25E-02	1.16E-05	3.51E-05	2.03E-05	2.08E-05	1.89E-05	8.62E-06	8.13E-06	3.89E-07	9.39E-06	2.07E-06	2.83E-06	4.49E-06	7.91E-07	4.27E-06	2.42E-05
5626	480164	3851010.5	3.36E-02	3.44E-02	3.25E-02	1.16E-05	3.51E-05	2.03E-05	2.08E-05	1.89E-05	8.61E-06	8.13E-06	3.88E-07	9.38E-06	2.07E-06	2.83E-06	4.49E-06	7.91E-07	4.26E-06	2.42E-05
5627	480248.2	3851052.4	3.34E-02	3.42E-02	3.23E-02	1.16E-05	3.49E-05	2.02E-05	2.07E-05	1.88E-05	8.56E-06	8.07E-06	3.86E-07	9.32E-06	2.06E-06	2.81E-06	4.46E-06	7.86E-07	4.24E-06	2.41E-05
5628	480332.5	3851094.3	3.37E-02	3.45E-02	3.25E-02	1.17E-05	3.52E-05	2.04E-05	2.09E-05	1.89E-05	8.63E-06	8.14E-06	3.89E-07	9.40E-06	2.08E-06	2.83E-06	4.50E-06	7.92E-07	4.27E-06	2.43E-05
5629	480416.7	3851136.2	3.43E-02	3.52E-02	3.32E-02	1.19E-05	3.59E-05	2.08E-05	2.13E-05	1.93E-05	8.80E-06	8.30E-06	3.97E-07	9.58E-06	2.11E-06	2.89E-06	4.58E-06	8.07E-07	4.36E-06	2.47E-05
5630	480580	3851215.2	3.38E-02	3.46E-02	3.27E-02	1.17E-05	3.53E-05	2.05E-05	2.10E-05	1.90E-05	8.67E-06	8.18E-06	3.91E-07	9.44E-06	2.08E-06	2.85E-06	4.51E-06	7.96E-07	4.29E-06	2.44E-05
5631	480659	3851252.2	3.31E-02	3.39E-02	3.19E-02	1.14E-05	3.46E-05	2.00E-05	2.05E-05	1.86E-05	8.48E-06	8.00E-06	3.82E-07	9.23E-06	2.04E-06	2.78E-06	4.41E-06	7.78E-07	4.20E-06	2.38E-05
5632	480817.4	3851327.9	3.22E-02	3.29E-02	3.11E-02	1.11E-05	3.36E-05	1.95E-05	1.99E-05	1.81E-05	8.25E-06	7.78E-06	3.72E-07	8.98E-06	1.98E-06	2.71E-06	4.29E-06	7.57E-07	4.08E-06	2.32E-05
5633	480896.7	3851366.4	3.19E-02	3.27E-02	3.08E-02	1.10E-05	3.34E-05	1.93E-05	1.98E-05	1.79E-05	8.18E-06	7.72E-06	3.69E-07	8.91E-06	1.97E-06	2.69E-06	4.26E-06	7.51E-07	4.05E-06	2.30E-05
5634	480976.1	3851405	3.17E-02	3.24E-02	3.06E-02	1.10E-05	3.31E-05	1.92E-05	1.96E-05	1.78E-05	8.11E-06	7.65E-06	3.66E-07	8.84E-06	1.95E-06	2.66E-06	4.22E-06	7.45E-07	4.02E-06	2.28E-05
5635	481178	3851487.3	2.55E-02	2.61E-02	2.46E-02	8.82E-06	2.66E-05	1.54E-05	1.58E-05	1.43E-05	6.53E-06	6.16E-06	2.94E-07	7.11E-06	1.57E-06	2.14E-06	3.40E-06	5.99E-07	3.23E-06	1.83E-05
5636	481244.9	3851557.2	3.18E-02	3.26E-02	3.07E-02	1.10E-05	3.32E-05	1.92E-05	1.97E-05	1.79E-05	8.15E-06	7.68E-06	3.67E-07	8.87E-06	1.96E-06	2.67E-06	4.24E-06	7.48E-07	4.03E-06	2.29E-05
5637	481311.8	3851627	3.65E-02	3.74E-02	3.52E-02	1.26E-05	3.81E-05	2.21E-05	2.26E-05	2.05E-05	9.35E-06	8.82E-06	4.22E-07	1.02E-05	2.25E-06	3.07E-06	4.87E-06	8.58E-07	4.63E-06	2.63E-05
5638	481378.7	3851696.9	3.51E-02	3.59E-02	3.39E-02	1.21E-05	3.67E-05	2.12E-05	2.17E-05	1.97E-05	8.99E-06	8.48E-06	4.06E-07	9.80E-06	2.16E-06	2.95E-06	4.68E-06	8.25E-07	4.45E-06	2.53E-05
5639	481445.6	3851766.8	3.47E-02	3.55E-02	3.35E-02	1.20E-05	3.62E-05	2.10E-05	2.15E-05	1.95E-05	8.89E-06	8.38E-06	4.01E-07	9.68E-06	2.14E-06	2.92E-06	4.63E-06	8.16E-07	4.40E-06	2.50E-05
5640	481512.5	3851836.6	3.46E-02	3.55E-02	3.35E-02	1.20E-05	3.62E-05	2.10E-05	2.15E-05	1.95E-05	8.88E-06	8.37E-06	4.00E-07	9.67E-06	2.13E-06	2.91E-06	4.62E-06	8.15E-07	4.39E-06	2.50E-05
5641	481579.4	3851906.5	3.44E-02	3.52E-02	3.32E-02	1.19E-05	3.60E-05	2.08E-05	2.13E-05	1.93E-05	8.82E-06	8.32E-06	3.98E-07	9.61E-06	2.12E-06	2.89E-06	4.59E-06	8.09E-07	4.37E-06	2.48E-05
5642	481646.3	3851976.3	3.47E-02	3.55E-02	3.35E-02	1.20E-05	3.63E-05	2.10E-05	2.15E-05	1.95E-05	8.90E-06	8.39E-06	4.01E-07	9.69E-06	2.14E-06	2.92E-06	4.63E-06	8.16E-07	4.40E-06	2.50E-05
5643	481713.2	3852046.2	3.45E-02	3.53E-02	3.33E-02	1.19E-05	3.60E-05	2.09E-05	2.14E-05	1.94E-05	8.83E-06	8.33E-06	3.98E-07	9.62E-06	2.12E-06	2.90E-06	4.60E-06	8.11E-07	4.37E-06	2.48E-05
5644	481780.1	3852116.1	3.48E-02	3.56E-02	3.36E-02	1.20E-05	3.63E-05	2.10E-05	2.15E-05	1.95E-05	8.91E-06	8.40E-06	4.02E-07	9.70E-06	2.14E-06	2.92E-06	4.64E-06	8.18E-07	4.41E-06	2.50E-05
5645	481847	3852185.9	3.52E-02	3.61E-02	3.40E-02	1.22E-05	3.68E-05	2.13E-05	2.18E-05	1.98E-05	9.03E-06	8.52E-06	4.07E-07	9.84E-06	2.17E-06	2.96E-06	4.70E-06	8.29E-07	4.47E-06	2.54E-05
5646	481913.9	3852255.8	3.55E-02	3.64E-02	3.43E-02	1.23E-05	3.71E-05	2.15E-05	2.20E-05	1.99E-05	9.10E-06	8.58E-06	4.10E-07	9.91E-06	2.19E-06	2.99E-06	4.74E-06	8.35E-07	4.50E-06	2.56E-05
5647	481980.8	3852325.7	3.59E-02	3.68E-02	3.47E-02	1.24E-05	3.75E-05	2.17E-05	2.23E-05	2.02E-05	9.21E-06	8.69E-06	4.15E-07	1.00E-05	2.21E-06	3.02E-06	4.79E-06	8.45E-07	4.56E-06	2.59E-05
5648	482047.7	3852395.5	3.60E-02	3.69E-02	3.48E-02	1.25E-05	3.76E-05	2.18E-05	2.23E-05	2.02E-05	9.23E-06	8.71E-06	4.16E-07	1.01E-05	2.22E-06	3.03E-06	4.81E-06	8.47E-07	4.57E-06	2.59E-05
5649	482114.6	3852465.4	3.60E-02	3.69E-02	3.48E-02	1.25E-05	3.77E-05	2.18E-05	2.23E-05	2.02E-05	9.24E-06	8.71E-06	4.17E-07	1.01E-05	2.22E-06	3.03E-06	4.81E-06	8.48E-07	4.57E-06	2.60E-05

5650	482181.5	3852535.2	3.65E-02	3.74E-02	3.53E-02	1.26E-05	3.82E-05	2.21E-05	2.26E-05	2.05E-05	9.37E-06	8.83E-06	4.22E-07	1.02E-05	2.25E-06	3.07E-06	4.88E-06	8.60E-07	4.64E-06	2.63E-05
5651	482338.7	3852700	3.74E-02	3.83E-02	3.61E-02	1.29E-05	3.91E-05	2.26E-05	2.32E-05	2.10E-05	9.58E-06	9.03E-06	4.32E-07	1.04E-05	2.30E-06	3.14E-06	4.99E-06	8.79E-07	4.74E-06	2.69E-05
5652	482404.1	3852767.8	3.71E-02	3.80E-02	3.58E-02	1.28E-05	3.88E-05	2.24E-05	2.30E-05	2.08E-05	9.51E-06	8.97E-06	4.29E-07	1.04E-05	2.29E-06	3.12E-06	4.95E-06	8.72E-07	4.71E-06	2.67E-05
5653	482469.4	3852835.5	3.73E-02	3.82E-02	3.61E-02	1.29E-05	3.90E-05	2.26E-05	2.31E-05	2.10E-05	9.57E-06	9.02E-06	4.31E-07	1.04E-05	2.30E-06	3.14E-06	4.98E-06	8.78E-07	4.74E-06	2.69E-05
5654	482534.8	3852903.3	3.73E-02	3.82E-02	3.60E-02	1.29E-05	3.90E-05	2.26E-05	2.31E-05	2.10E-05	9.56E-06	9.02E-06	4.31E-07	1.04E-05	2.30E-06	3.14E-06	4.98E-06	8.77E-07	4.73E-06	2.69E-05
5655	482600.1	3852971	3.64E-02	3.73E-02	3.52E-02	1.26E-05	3.80E-05	2.20E-05	2.26E-05	2.04E-05	9.33E-06	8.80E-06	4.21E-07	1.02E-05	2.24E-06	3.06E-06	4.86E-06	8.56E-07	4.62E-06	2.62E-05
5656	482706.7	3853119.3	2.95E-02	3.02E-02	2.85E-02	1.02E-05	3.08E-05	1.78E-05	1.83E-05	1.66E-05	7.55E-06	7.13E-06	3.41E-07	8.23E-06	1.82E-06	2.48E-06	3.93E-06	6.93E-07	3.74E-06	2.12E-05
5657	482748	3853199.8	2.99E-02	3.06E-02	2.89E-02	1.04E-05	3.13E-05	1.81E-05	1.85E-05	1.68E-05	7.67E-06	7.23E-06	3.46E-07	8.35E-06	1.84E-06	2.52E-06	3.99E-06	7.04E-07	3.79E-06	2.15E-05
5658	482789.2	3853280.4	2.82E-02	2.89E-02	2.73E-02	9.77E-06	2.95E-05	1.71E-05	1.75E-05	1.59E-05	7.24E-06	6.83E-06	3.26E-07	7.88E-06	1.74E-06	2.38E-06	3.77E-06	6.64E-07	3.58E-06	2.03E-05
5659	482830.5	3853361	2.38E-02	2.44E-02	2.30E-02	8.24E-06	2.49E-05	1.44E-05	1.48E-05	1.34E-05	6.10E-06	5.76E-06	2.75E-07	6.65E-06	1.47E-06	2.00E-06	3.18E-06	5.60E-07	3.02E-06	1.72E-05
5660	482871.7	3853441.5	2.04E-02	2.09E-02	1.98E-02	7.08E-06	2.14E-05	1.24E-05	1.27E-05	1.15E-05	5.24E-06	4.94E-06	2.36E-07	5.71E-06	1.26E-06	1.72E-06	2.73E-06	4.81E-07	2.59E-06	1.47E-05
5661	482913	3853522.1	1.78E-02	1.83E-02	1.72E-02	6.18E-06	1.86E-05	1.08E-05	1.11E-05	1.00E-05	4.57E-06	4.31E-06	2.06E-07	4.98E-06	1.10E-06	1.50E-06	2.38E-06	4.20E-07	2.26E-06	1.29E-05
5662	482954.2	3853602.6	1.47E-02	1.50E-02	1.42E-02	5.08E-06	1.53E-05	8.88E-06	9.10E-06	8.25E-06	3.76E-06	3.55E-06	1.70E-07	4.10E-06	9.04E-07	1.24E-06	1.96E-06	3.45E-07	1.86E-06	1.06E-05
5663	482995.5	3853683.2	1.23E-02	1.26E-02	1.19E-02	4.25E-06	1.28E-05	7.43E-06	7.61E-06	6.90E-06	3.15E-06	2.97E-06	1.42E-07	3.43E-06	7.57E-07	1.03E-06	1.64E-06	2.89E-07	1.56E-06	8.85E-06
5664	483036.7	3853763.8	1.05E-02	1.08E-02	1.02E-02	3.65E-06	1.10E-05	6.38E-06	6.53E-06	5.92E-06	2.70E-06	2.55E-06	1.22E-07	2.94E-06	6.49E-07	8.87E-07	1.41E-06	2.48E-07	1.34E-06	7.59E-06
5665	483214.2	3853909.9	5.92E-03	6.06E-03	5.72E-03	2.05E-06	6.19E-06	3.58E-06	3.67E-06	3.33E-06	1.52E-06	1.43E-06	6.84E-08	1.65E-06	3.65E-07	4.98E-07	7.90E-07	1.39E-07	7.51E-07	4.27E-06
5666	483307	3853910.4	4.93E-03	5.05E-03	4.76E-03	1.71E-06	5.15E-06	2.98E-06	3.05E-06	2.77E-06	1.26E-06	1.19E-06	5.69E-08	1.38E-06	3.04E-07	4.15E-07	6.58E-07	1.16E-07	6.25E-07	3.55E-06
5667	483399.8	3853911	4.19E-03	4.29E-03	4.05E-03	1.45E-06	4.38E-06	2.54E-06	2.60E-06	2.35E-06	1.07E-06	1.01E-06	4.85E-08	1.17E-06	2.58E-07	3.53E-07	5.59E-07	9.86E-08	5.32E-07	3.02E-06
5668	483494.5	3854009.2	3.76E-03	3.85E-03	3.63E-03	1.30E-06	3.93E-06	2.28E-06	2.33E-06	2.11E-06	9.64E-07	9.09E-07	4.35E-08	1.05E-06	2.32E-07	3.16E-07	5.02E-07	8.85E-08	4.77E-07	2.71E-06
5669	483496.4	3854107	3.85E-03	3.94E-03	3.72E-03	1.33E-06	4.02E-06	2.33E-06	2.38E-06	2.16E-06	9.86E-07	9.30E-07	4.45E-08	1.07E-06	2.37E-07	3.24E-07	5.14E-07	9.05E-08	4.88E-07	2.77E-06
5670	483577.6	3854262	3.45E-03	3.54E-03	3.34E-03	1.20E-06	3.61E-06	2.09E-06	2.14E-06	1.94E-06	8.85E-07	8.35E-07	3.99E-08	9.64E-07	2.13E-07	2.91E-07	4.61E-07	8.12E-08	4.38E-07	2.49E-06
5671	483656.8	3854319.2	3.11E-03	3.19E-03	3.01E-03	1.08E-06	3.25E-06	1.88E-06	1.93E-06	1.75E-06	7.97E-07	7.52E-07	3.60E-08	8.69E-07	1.92E-07	2.62E-07	4.15E-07	7.32E-08	3.95E-07	2.24E-06
5672	483736.1	3854376.4	2.83E-03	2.90E-03	2.74E-03	9.80E-07	2.96E-06	1.71E-06	1.76E-06	1.59E-06	7.26E-07	6.85E-07	3.27E-08	7.91E-07	1.75E-07	2.38E-07	3.78E-07	6.66E-08	3.59E-07	2.04E-06
5673	483815.4	3854433.6	2.61E-03	2.68E-03	2.52E-03	9.04E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.70E-07	6.32E-07	3.02E-08	7.29E-07	1.61E-07	2.20E-07	3.49E-07	6.15E-08	3.31E-07	1.88E-06
5674	483894.6	3854490.9	2.43E-03	2.49E-03	2.35E-03	8.41E-07	2.54E-06	1.47E-06	1.51E-06	1.36E-06	6.23E-07	5.87E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.71E-08	3.08E-07	1.75E-06
5675	483973.9	3854548.1	2.29E-03	2.34E-03	2.21E-03	7.92E-07	2.39E-06	1.38E-06	1.42E-06	1.29E-06	5.86E-07	5.53E-07	2.64E-08	6.39E-07	1.41E-07	1.92E-07	3.05E-07	5.38E-08	2.90E-07	1.65E-06
5676	484053.2	3854605.3	2.20E-03	2.26E-03	2.13E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.64E-07	5.32E-07	2.55E-08	6.15E-07	1.36E-07	1.85E-07	2.94E-07	5.18E-08	2.79E-07	1.59E-06
5677	484215	3854698.2	2.06E-03	2.11E-03	1.99E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.29E-07	4.99E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.76E-07	4.86E-08	2.62E-07	1.49E-06
5678	484297.5	3854733.7	2.04E-03	2.09E-03	1.97E-03	7.07E-07	2.13E-06	1.24E-06	1.26E-06	1.15E-06	5.23E-07	4.94E-07	2.36E-08	5.70E-07	1.26E-07	1.72E-07	2.72E-07	4.80E-08	2.59E-07	1.47E-06
5679	484380	3854769.3	1.99E-03	2.04E-03	1.92E-03	6.88E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	5.10E-07	4.81E-07	2.30E-08	5.55E-07	1.22E-07	1.67E-07	2.65E-07	4.68E-08	2.52E-07	1.43E-06
5680	484462.6	3854804.9	1.97E-03	2.02E-03	1.91E-03	6.84E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	5.06E-07	4.77E-07	2.28E-08	5.51E-07	1.22E-07	1.66E-07	2.64E-07	4.65E-08	2.51E-07	1.42E-06
5681	484545.1	3854840.5	1.92E-03	1.97E-03	1.86E-03	6.66E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.93E-07	4.65E-07	2.22E-08	5.37E-07	1.19E-07	1.62E-07	2.57E-07	4.53E-08	2.44E-07	1.39E-06
5682	484691.9	3854912.6	1.93E-03	1.97E-03	1.86E-03	6.67E-07	2.01E-06	1.17E-06	1.19E-06	1.08E-06	4.94E-07	4.66E-07	2.23E-08	5.38E-07	1.19E-07	1.62E-07	2.57E-07	4.53E-08	2.44E-07	1.39E-06
5683	484830.8	3855012.5	1.95E-03	2.00E-03	1.89E-03	6.76E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.01E-07	4.72E-07	2.26E-08	5.46E-07	1.20E-07	1.64E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
5684	484905.5	3855076	2.03E-03	2.08E-03	1.96E-03	7.02E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.20E-07	4.91E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.77E-08	2.58E-07	1.46E-06
5685	484980.1	3855139.4	2.07E-03	2.12E-03	2.00E-03	7.17E-07	2.17E-06	1.25E-06	1.28E-06	1.16E-06	5.31E-07	5.01E-07	2.40E-08	5.79E-07	1.28E-07	1.74E-07	2.77E-07	4.87E-08	2.63E-07	1.49E-06
5686	485054.8	3855202.9	2.09E-03	2.14E-03	2.02E-03	7.22E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.35E-07	5.05E-07	2.41E-08	5.83E-07	1.29E-07	1.76E-07	2.79E-07	4.91E-08	2.65E-07	1.50E-06
5687	485129.5	3855266.4	2.06E-03	2.11E-03	1.99E-03	7.14E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.29E-07	4.99E-07	2.39E-08	5.76E-07	1.27E-07	1.74E-07	2.75E-07	4.85E-08	2.62E-07	1.49E-06
5688	485204.2	3855329.8	2.11E-03	2.16E-03	2.04E-03	7.31E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.41E-07	5.11E-07	2.44E-08	5.90E-07	1.30E-07	1.78E-07	2.82E-07	4.97E-08	2.68E-07	1.52E-06
5689	485278.8	3855393.3	2.12E-03	2.17E-03	2.05E-03	7.34E-07	2.22E-06	1.28E-06	1.31E-06	1.19E-06	5.44E-07	5.13E-07	2.45E-08	5.92E-07	1.31E-07	1.78E-07	2.83E-07	4.99E-08	2.69E-07	1.53E-06
5690	485353.5	3855456.8	2.15E-03	2.20E-03	2.08E-03	7.45E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.52E-07	5.20E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	5.06E-08	2.73E-07	1.55E-06
5691	485428.2	3855520.2	2.16E-03	2.21E-03	2.09E-03	7.48E-07	2.26E-06	1.31E-06	1.34E-06	1.21E-06	5.54E-07	5.22E-07	2.50E-08	6.03E-07	1.33E-07	1.82E-07	2.88E-07	5.08E-08	2.74E-07	1.56E-06
5692	485502.8	3855583.7	2.18E-03	2.23E-03	2.10E-03	7.53E-07	2.27E-06	1.32E-06	1.35E-06	1.22E-06	5.58E-07	5.26E-07	2.51E-08	6.07E-07	1.34E-07	1.83E-07	2.90E-07	5.12E-08	2.76E-07	1.57E-06
5693	485577.5	3855647.2	2.22E-03	2.28E-03	2.15E-03	7.69E-07	2.32E-06	1.34E-06	1.38E-06	1.25E-06	5.70E-07	5.37E-07	2.57E-08	6.21E-07	1.37E-07	1.87E-07	2.97E-07	5.23E-08	2.82E-07	1.60E-06
5694	485652.2	3855710.6	2.27E-03	2.32E-03	2.19E-03	7.86E-07	2.37E-06	1.37E-06	1.41E-06	1.28E-06	5.82E-07	5.49E-07	2.62E-08	6.34E-07	1.40E-07	1.91E-07	3.03E-07	5.34E-08	2.88E-07	1.64E-06
5695	485726.8	3855774.1	2.28E-03	2.34E-03	2.21E-03	7.90E-07	2.39E-06	1.38E-06	1.41E-06	1.28E-06	5.85E-07	5.52E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.37E-08	2.90E-07	1.64E-06
5696	485801.5	3855837.6	2.28E-03	2.33E-03	2.20E-03	7.89E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.84E-07	5.51E-07	2.63E-08	6.36E-07	1.40E-07	1.92E-07	3.04E-07	5.36E-08	2.89E-07	1.64E-06
5697	485876.2	3855901	2.29E-03	2.34E-03	2.21E-03	7.92E-07	2.39E-06	1.39E-06	1.42E-06	1.29E-06	5.87E-07	5.53E-07	2.65E-08	6.39E-07	1.41E-07	1.93E-07	3.06E-07	5.38E-08	2.90E-07	1.65E-06
5698	485950.8	3855964.5	2.29E-03	2.34E-03	2.21E-03	7.91E-07	2.39E-06	1.38E-06	1.42E-06	1.28E-06	5.86E-07	5.53E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.38E-08	2.90E-07	1.65E-06
5699	486025.5	3856028	2.26E-03	2.32E-03	2.19E-03	7.83E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.80E-07	5.47E-07	2.62E-08	6.32E-07	1.39E-07	1.90E-07	3.02E-07	5.32E-08	2.87E-07	1.63E-06
5700	486100.2	3856091.4	2.32E-03	2.38E-03	2.24E-03	8.04E-07	2.43E-06	1.40E-06	1.44E-06	1.30E-06	5.95E-07	5.61E-07	2.68E-08	6.48E-07	1.43E-07	1.95E-07	3.10E-07	5.46E-08	2.95E-07	1.67E-06
5701	486174.8	3856154.9	2.29E-03	2.34E-03	2.21E-03	7.92E-07	2.39E-06	1.38E-06	1.42E-06	1.29E-06	5.86E-07	5.53E-07	2.64E-08	6.39E-07	1.41E-07	1.92E-07	3.05E-07	5.38E-08	2.90E-07	1.65E-06
5702	486249.5	3856218.4	2.21E-03	2.26E-03	2.13E-03	7.64E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.66E-07	5.34E-07	2.55E-08	6.16E-07	1.36E-07	1.86E-07	2.95E-07	5.19E-08	2.80E-07	1.59E-06
5703	486324.2	3856281.8	2.15E-03	2.21E-03	2.08E-03	7.46E-07	2.25E-06	1.30E-06	1.34E-06	1.21E-06	5.52E-07	5.21E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.88E-07	5.07E-08	2.73E-07	1.55E-06
5704	486398.8	3856345.3	2.18E-03	2.23E-03	2.11E-03	7.55E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.59E-07	5.27E-07	2.52E-08	6.09E-07	1.34E-07	1.83E-07	2.91E-07	5.13E-08	2.77E-07	1.57E-06
5705	486473.5	3856408.8	2.18E-03	2.24E-03	2.11E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.60E-07	5.28E-07	2.52E-08	6.10E-07	1.35E-07	1.84E-07	2.92E-07	5.14E-08	2.77E-07	1.57E-06

5706	486548.2	3856472.2	2.21E-03	2.27E-03	2.14E-03	7.66E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.67E-07	5.35E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.21E-08	2.81E-07	1.59E-06
5707	486622.8	3856535.7	2.25E-03	2.30E-03	2.17E-03	7.78E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.76E-07	5.43E-07	2.60E-08	6.27E-07	1.38E-07	1.89E-07	3.00E-07	5.28E-08	2.85E-07	1.62E-06
5708	486765.5	3856659.7	2.34E-03	2.39E-03	2.26E-03	8.09E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.99E-07	5.65E-07	2.70E-08	6.52E-07	1.44E-07	1.97E-07	3.12E-07	5.50E-08	2.96E-07	1.68E-06
5709	486833.4	3856720.2	2.37E-03	2.43E-03	2.29E-03	8.22E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	6.08E-07	5.74E-07	2.74E-08	6.63E-07	1.46E-07	2.00E-07	3.17E-07	5.58E-08	3.01E-07	1.71E-06
5710	486901.4	3856780.7	2.42E-03	2.48E-03	2.34E-03	8.39E-07	2.53E-06	1.47E-06	1.50E-06	1.36E-06	6.21E-07	5.86E-07	2.80E-08	6.77E-07	1.49E-07	2.04E-07	3.23E-07	5.70E-08	3.08E-07	1.75E-06
5711	486969.4	3856841.2	2.47E-03	2.53E-03	2.38E-03	8.54E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.33E-07	5.97E-07	2.85E-08	6.89E-07	1.52E-07	2.08E-07	3.29E-07	5.81E-08	3.13E-07	1.78E-06
5712	487037.3	3856901.8	2.51E-03	2.57E-03	2.43E-03	8.70E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.44E-07	6.07E-07	2.90E-08	7.01E-07	1.55E-07	2.11E-07	3.35E-07	5.91E-08	3.19E-07	1.81E-06
5713	487271.2	3856855.5	2.22E-03	2.28E-03	2.15E-03	7.70E-07	2.32E-06	1.35E-06	1.38E-06	1.25E-06	5.70E-07	5.38E-07	2.57E-08	6.21E-07	1.37E-07	1.87E-07	2.97E-07	5.23E-08	2.82E-07	1.60E-06
5714	487369	3856857.3	2.15E-03	2.21E-03	2.08E-03	7.45E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.52E-07	5.21E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	5.07E-08	2.73E-07	1.55E-06
5715	487466.7	3856859.1	2.10E-03	2.15E-03	2.02E-03	7.25E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.37E-07	5.07E-07	2.42E-08	5.85E-07	1.29E-07	1.76E-07	2.80E-07	4.93E-08	2.66E-07	1.51E-06
5716	487636.4	3856930	2.08E-03	2.13E-03	2.01E-03	7.19E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.32E-07	5.02E-07	2.40E-08	5.80E-07	1.28E-07	1.75E-07	2.77E-07	4.88E-08	2.64E-07	1.50E-06
5717	487709.6	3856928.4	2.04E-03	2.08E-03	1.97E-03	7.05E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.22E-07	4.92E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.72E-07	4.79E-08	2.58E-07	1.47E-06
5718	487782.6	3856842	1.90E-03	1.95E-03	1.84E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.87E-07	4.59E-07	2.20E-08	5.30E-07	1.17E-07	1.60E-07	2.54E-07	4.47E-08	2.41E-07	1.37E-06
5719	487849.8	3856754.7	1.79E-03	1.83E-03	1.73E-03	6.19E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.58E-07	4.32E-07	2.07E-08	4.99E-07	1.10E-07	1.50E-07	2.39E-07	4.20E-08	2.27E-07	1.29E-06
5720	487918	3856819.4	1.83E-03	1.87E-03	1.76E-03	6.32E-07	1.91E-06	1.10E-06	1.13E-06	1.03E-06	4.68E-07	4.41E-07	2.11E-08	5.10E-07	1.12E-07	1.54E-07	2.44E-07	4.29E-08	2.32E-07	1.32E-06
5721	487918.8	3856886.4	1.89E-03	1.94E-03	1.83E-03	6.55E-07	1.98E-06	1.14E-06	1.17E-06	1.06E-06	4.85E-07	4.57E-07	2.19E-08	5.28E-07	1.17E-07	1.59E-07	2.53E-07	4.45E-08	2.40E-07	1.36E-06
5722	488065.5	3857127.5	2.07E-03	2.12E-03	2.00E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.30E-07	5.00E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.76E-07	4.86E-08	2.62E-07	1.49E-06
5723	488192.2	3857385.8	2.39E-03	2.44E-03	2.30E-03	8.26E-07	2.49E-06	1.44E-06	1.48E-06	1.34E-06	6.11E-07	5.77E-07	2.76E-08	6.66E-07	1.47E-07	2.01E-07	3.18E-07	5.61E-08	3.03E-07	1.72E-06
5724	488191.2	3857473.9	2.56E-03	2.63E-03	2.48E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.57E-07	6.20E-07	2.96E-08	7.16E-07	1.58E-07	2.16E-07	3.42E-07	6.03E-08	3.25E-07	1.85E-06
5725	488190.2	3857561.9	2.77E-03	2.84E-03	2.68E-03	9.59E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	7.10E-07	6.70E-07	3.20E-08	7.74E-07	1.71E-07	2.33E-07	3.70E-07	6.52E-08	3.52E-07	2.00E-06
5726	488158.4	3857691.1	3.18E-03	3.25E-03	3.07E-03	1.10E-06	3.32E-06	1.92E-06	1.97E-06	1.79E-06	8.15E-07	7.68E-07	3.67E-08	8.87E-07	1.96E-07	2.67E-07	4.24E-07	7.48E-08	4.03E-07	2.29E-06
5727	488208.4	3857816.7	3.56E-03	3.64E-03	3.43E-03	1.23E-06	3.72E-06	2.15E-06	2.20E-06	2.00E-06	9.11E-07	8.60E-07	4.11E-08	9.93E-07	2.19E-07	2.99E-07	4.75E-07	8.36E-08	4.51E-07	2.56E-06
5728	488272	3857874.6	3.68E-03	3.77E-03	3.56E-03	1.27E-06	3.85E-06	2.23E-06	2.28E-06	2.07E-06	9.44E-07	8.90E-07	4.26E-08	1.03E-06	2.27E-07	3.10E-07	4.92E-07	8.66E-08	4.67E-07	2.65E-06
5729	488463.6	3857942.3	3.61E-03	3.70E-03	3.49E-03	1.25E-06	3.77E-06	2.19E-06	2.24E-06	2.03E-06	9.26E-07	8.73E-07	4.17E-08	1.01E-06	2.23E-07	3.04E-07	4.82E-07	8.50E-08	4.58E-07	2.60E-06
5730	488554.8	3857940.8	3.43E-03	3.52E-03	3.32E-03	1.19E-06	3.59E-06	2.08E-06	2.13E-06	1.93E-06	8.80E-07	8.30E-07	3.97E-08	9.59E-07	2.12E-07	2.89E-07	4.58E-07	8.08E-08	4.36E-07	2.47E-06
5731	488646.1	3857939.4	3.27E-03	3.35E-03	3.16E-03	1.13E-06	3.42E-06	1.98E-06	2.03E-06	1.84E-06	8.39E-07	7.91E-07	3.78E-08	9.14E-07	2.02E-07	2.75E-07	4.37E-07	7.70E-08	4.15E-07	2.36E-06
5732	488737.4	3857937.9	3.12E-03	3.20E-03	3.02E-03	1.08E-06	3.26E-06	1.89E-06	1.94E-06	1.75E-06	8.01E-07	7.55E-07	3.61E-08	8.72E-07	1.92E-07	2.63E-07	4.17E-07	7.35E-08	3.96E-07	2.25E-06
5733	488733.6	3857960.6	3.20E-03	3.28E-03	3.09E-03	1.11E-06	3.34E-06	1.94E-06	1.98E-06	1.80E-06	8.20E-07	7.73E-07	3.70E-08	8.93E-07	1.97E-07	2.69E-07	4.27E-07	7.52E-08	4.06E-07	2.30E-06
5734	488638.1	3857961.6	3.36E-03	3.44E-03	3.25E-03	1.16E-06	3.51E-06	2.03E-06	2.08E-06	1.89E-06	8.61E-07	8.13E-07	3.88E-08	9.38E-07	2.07E-07	2.83E-07	4.49E-07	7.91E-08	4.26E-07	2.42E-06
5735	488542.6	3857962.6	3.54E-03	3.63E-03	3.42E-03	1.23E-06	3.70E-06	2.14E-06	2.20E-06	1.99E-06	9.08E-07	8.56E-07	4.09E-08	9.89E-07	2.18E-07	2.98E-07	4.73E-07	8.33E-08	4.49E-07	2.55E-06
5736	488447.1	3857963.6	3.74E-03	3.83E-03	3.61E-03	1.29E-06	3.91E-06	2.26E-06	2.32E-06	2.10E-06	9.58E-07	9.04E-07	4.32E-08	1.04E-06	2.30E-07	3.15E-07	4.99E-07	8.79E-08	4.74E-07	2.69E-06
5737	488254.3	3857890.4	3.79E-03	3.89E-03	3.67E-03	1.31E-06	3.97E-06	2.30E-06	2.35E-06	2.13E-06	9.73E-07	9.17E-07	4.39E-08	1.06E-06	2.34E-07	3.19E-07	5.06E-07	8.93E-08	4.82E-07	2.73E-06
5738	488191.7	3857833.1	3.65E-03	3.74E-03	3.53E-03	1.26E-06	3.82E-06	2.21E-06	2.26E-06	2.05E-06	9.37E-07	8.84E-07	4.22E-08	1.02E-06	2.25E-07	3.07E-07	4.88E-07	8.60E-08	4.64E-07	2.63E-06
5739	488129.5	3857907.4	4.20E-03	4.30E-03	4.05E-03	1.45E-06	4.39E-06	2.54E-06	2.60E-06	2.36E-06	1.08E-06	1.01E-06	4.85E-08	1.17E-06	2.59E-07	3.53E-07	5.60E-07	9.87E-08	5.32E-07	3.02E-06
5740	488196.5	3857968.7	4.39E-03	4.50E-03	4.24E-03	1.52E-06	4.59E-06	2.66E-06	2.72E-06	2.47E-06	1.13E-06	1.06E-06	5.08E-08	1.23E-06	2.71E-07	3.70E-07	5.86E-07	1.03E-07	5.57E-07	3.16E-06
5741	488263.4	3858030	4.59E-03	4.70E-03	4.44E-03	1.59E-06	4.80E-06	2.78E-06	2.85E-06	2.58E-06	1.18E-06	1.11E-06	5.31E-08	1.28E-06	2.83E-07	3.86E-07	6.13E-07	1.08E-07	5.83E-07	3.31E-06
5742	488400.6	3858132.9	4.88E-03	4.99E-03	4.71E-03	1.69E-06	5.10E-06	2.95E-06	3.02E-06	2.74E-06	1.25E-06	1.18E-06	5.64E-08	1.36E-06	3.00E-07	4.10E-07	6.51E-07	1.15E-07	6.19E-07	3.51E-06
5743	488519.9	3858218.4	5.22E-03	5.35E-03	5.04E-03	1.81E-06	5.46E-06	3.16E-06	3.24E-06	2.93E-06	1.34E-06	1.26E-06	6.04E-08	1.46E-06	3.22E-07	4.39E-07	6.97E-07	1.23E-07	6.63E-07	3.76E-06
5744	488648	3858215	4.66E-03	4.77E-03	4.50E-03	1.61E-06	4.87E-06	2.82E-06	2.89E-06	2.62E-06	1.19E-06	1.13E-06	5.38E-08	1.30E-06	2.87E-07	3.92E-07	6.22E-07	1.10E-07	5.91E-07	3.36E-06
5745	488727.1	3858167.7	4.10E-03	4.20E-03	3.97E-03	1.42E-06	4.29E-06	2.48E-06	2.54E-06	2.31E-06	1.05E-06	9.92E-07	4.74E-08	1.15E-06	2.53E-07	3.45E-07	5.48E-07	9.66E-08	5.21E-07	2.96E-06
5746	488806.1	3858120.4	3.67E-03	3.76E-03	3.55E-03	1.27E-06	3.84E-06	2.22E-06	2.28E-06	2.06E-06	9.41E-07	8.88E-07	4.24E-08	1.03E-06	2.26E-07	3.09E-07	4.90E-07	8.64E-08	4.66E-07	2.65E-06
5747	488885.2	3858073	3.33E-03	3.41E-03	3.21E-03	1.15E-06	3.48E-06	2.01E-06	2.06E-06	1.87E-06	8.53E-07	8.04E-07	3.85E-08	9.29E-07	2.05E-07	2.80E-07	4.44E-07	7.83E-08	4.22E-07	2.40E-06
5748	489055.8	3857991.2	2.82E-03	2.89E-03	2.72E-03	9.75E-07	2.94E-06	1.70E-06	1.75E-06	1.58E-06	7.22E-07	6.81E-07	3.26E-08	7.87E-07	1.74E-07	2.37E-07	3.76E-07	6.63E-08	3.58E-07	2.03E-06
5749	489245.4	3857944.5	2.49E-03	2.55E-03	2.40E-03	8.61E-07	2.60E-06	1.51E-06	1.54E-06	1.40E-06	6.38E-07	6.02E-07	2.88E-08	6.95E-07	1.53E-07	2.09E-07	3.32E-07	5.85E-08	3.16E-07	1.79E-06
5750	489430.6	3857930.9	2.30E-03	2.36E-03	2.22E-03	7.96E-07	2.40E-06	1.39E-06	1.43E-06	1.29E-06	5.90E-07	5.56E-07	2.66E-08	6.42E-07	1.42E-07	1.94E-07	3.07E-07	5.41E-08	2.92E-07	1.66E-06
5751	489517.7	3857929.4	2.23E-03	2.28E-03	2.15E-03	7.71E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.71E-07	5.39E-07	2.58E-08	6.22E-07	1.37E-07	1.88E-07	2.97E-07	5.24E-08	2.83E-07	1.61E-06
5752	489604.9	3857927.8	2.16E-03	2.21E-03	2.08E-03	7.47E-07	2.26E-06	1.31E-06	1.34E-06	1.21E-06	5.53E-07	5.22E-07	2.49E-08	6.02E-07	1.33E-07	1.82E-07	2.88E-07	5.08E-08	2.74E-07	1.55E-06
5753	489692	3857926.3	2.10E-03	2.15E-03	2.02E-03	7.25E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.37E-07	5.07E-07	2.42E-08	5.85E-07	1.29E-07	1.76E-07	2.80E-07	4.93E-08	2.66E-07	1.51E-06
5754	489779.1	3857924.7	2.04E-03	2.08E-03	1.97E-03	7.05E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.22E-07	4.92E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.72E-07	4.79E-08	2.58E-07	1.47E-06
5755	490017.6	3857875.1	1.84E-03	1.89E-03	1.78E-03	6.38E-07	1.93E-06	1.11E-06	1.14E-06	1.03E-06	4.72E-07	4.45E-07	2.13E-08	5.14E-07	1.13E-07	1.55E-07	2.46E-07	4.33E-08	2.34E-07	1.33E-06
5756	490033.8	3857960.8	1.93E-03	1.98E-03	1.86E-03	6.68E-07	2.02E-06	1.17E-06	1.20E-06	1.08E-06	4.94E-07	4.66E-07	2.23E-08	5.39E-07	1.19E-07	1.62E-07	2.57E-07	4.54E-08	2.45E-07	1.39E-06
5757	489959.2	3857987.5	2.01E-03	2.06E-03	1.94E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.15E-07	4.86E-07	2.32E-08	5.61E-07	1.24E-07	1.69E-07	2.68E-07	4.73E-08	2.55E-07	1.45E-06
5758	489791.5	3858016.1	2.14E-03	2.19E-03	2.07E-03	7.41E-07	2.24E-06	1.29E-06	1.33E-06	1.20E-06	5.49E-07	5.17E-07	2.47E-08	5.98E-07	1.32E-07	1.80E-07	2.86E-07	5.03E-08	2.72E-07	1.54E-06
5759	489698.5	3858018.1	2.21E-03	2.27E-03	2.14E-03	7.66E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.67E-07	5.35E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.20E-08	2.81E-07	1.59E-06
5760	489605.5	3858020	2.29E-03	2.35E-03	2.21E-03	7.93E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.88E-07	5.54E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.39E-08	2.91E-07	1.65E-06
5761	489512.5	3858022	2.38E-03	2.43E-03	2.30E-03	8.23E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	6.09E-07	5.75E-07	2.75E-08	6.63E-07	1.46E-07	2.00E-07	3.17E-07	5.59E-08	3.02E-07	1.71E-06

5762	489419.6	3858023.9	2.47E-03	2.53E-03	2.39E-03	8.55E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.33E-07	5.97E-07	2.86E-08	6.90E-07	1.52E-07	2.08E-07	3.30E-07	5.81E-08	3.14E-07	1.78E-06
5763	489228.5	3858041.3	2.69E-03	2.76E-03	2.60E-03	9.33E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.91E-07	6.52E-07	3.12E-08	7.52E-07	1.66E-07	2.27E-07	3.60E-07	6.34E-08	3.42E-07	1.94E-06
5764	489065.8	3858085.8	3.05E-03	3.12E-03	2.95E-03	1.06E-06	3.19E-06	1.84E-06	1.89E-06	1.71E-06	7.82E-07	7.37E-07	3.52E-08	8.51E-07	1.88E-07	2.57E-07	4.07E-07	7.17E-08	3.87E-07	2.20E-06
5765	489001.1	3858114.9	3.25E-03	3.33E-03	3.14E-03	1.12E-06	3.40E-06	1.97E-06	2.01E-06	1.82E-06	8.33E-07	7.85E-07	3.75E-08	9.07E-07	2.00E-07	2.73E-07	4.34E-07	7.64E-08	4.12E-07	2.34E-06
5766	488861.9	3858189.8	3.83E-03	3.92E-03	3.70E-03	1.32E-06	4.00E-06	2.31E-06	2.37E-06	2.15E-06	9.81E-07	9.25E-07	4.42E-08	1.07E-06	2.36E-07	3.22E-07	5.11E-07	9.00E-08	4.85E-07	2.76E-06
5767	488787.3	3858235.7	4.31E-03	4.41E-03	4.16E-03	1.49E-06	4.50E-06	2.60E-06	2.67E-06	2.42E-06	1.10E-06	1.04E-06	4.98E-08	1.20E-06	2.65E-07	3.62E-07	5.75E-07	1.01E-07	5.46E-07	3.10E-06
5768	488712.7	3858281.6	4.88E-03	5.00E-03	4.71E-03	1.69E-06	5.10E-06	2.95E-06	3.02E-06	2.74E-06	1.25E-06	1.18E-06	5.64E-08	1.36E-06	3.01E-07	4.10E-07	6.51E-07	1.15E-07	6.19E-07	3.51E-06
5769	488654.4	3858436.2	7.04E-03	7.21E-03	6.80E-03	2.44E-06	7.36E-06	4.26E-06	4.36E-06	3.96E-06	1.80E-06	1.70E-06	8.14E-08	1.97E-06	4.34E-07	5.92E-07	9.40E-07	1.66E-07	8.94E-07	5.07E-06
5770	488726.3	3858505.3	7.59E-03	7.77E-03	7.33E-03	2.63E-06	7.93E-06	4.59E-06	4.70E-06	4.26E-06	1.95E-06	1.83E-06	8.77E-08	2.12E-06	4.68E-07	6.39E-07	1.01E-06	1.79E-07	9.63E-07	5.47E-06
5771	488880.6	3858599.3	7.77E-03	7.96E-03	7.51E-03	2.69E-06	8.12E-06	4.70E-06	4.82E-06	4.37E-06	1.99E-06	1.88E-06	8.99E-08	2.17E-06	4.79E-07	6.54E-07	1.04E-06	1.83E-07	9.86E-07	5.60E-06
5772	489008.1	3858714.8	8.84E-03	9.06E-03	8.55E-03	3.06E-06	9.24E-06	5.35E-06	5.48E-06	4.97E-06	2.27E-06	2.14E-06	1.02E-07	2.47E-06	5.45E-07	7.44E-07	1.18E-06	2.08E-07	1.12E-06	6.37E-06
5773	489071.5	3858772.7	9.51E-03	9.74E-03	9.19E-03	3.29E-06	9.94E-06	5.75E-06	5.89E-06	5.34E-06	2.44E-06	2.30E-06	1.10E-07	2.65E-06	5.86E-07	8.00E-07	1.27E-06	2.24E-07	1.21E-06	6.85E-06
5774	489244.6	3858920.2	1.15E-02	1.18E-02	1.11E-02	3.98E-06	1.20E-05	6.96E-06	7.13E-06	6.46E-06	2.95E-06	2.78E-06	1.33E-07	3.21E-06	7.09E-07	9.68E-07	1.54E-06	2.71E-07	1.46E-06	8.29E-06
5775	489239.7	3858952.2	1.34E-02	1.37E-02	1.29E-02	4.64E-06	1.40E-05	8.11E-06	8.30E-06	7.53E-06	3.43E-06	3.24E-06	1.55E-07	3.74E-06	8.26E-07	1.13E-06	1.79E-06	3.15E-07	1.70E-06	9.65E-06
5776	489121.7	3858854.5	1.16E-02	1.19E-02	1.12E-02	4.02E-06	1.21E-05	7.02E-06	7.19E-06	6.52E-06	2.97E-06	2.80E-06	1.34E-07	3.24E-06	7.15E-07	9.76E-07	1.55E-06	2.73E-07	1.47E-06	8.36E-06
5777	489059.6	3858797.3	1.06E-02	1.09E-02	1.02E-02	3.67E-06	1.11E-05	6.42E-06	6.57E-06	5.96E-06	2.72E-06	2.56E-06	1.23E-07	2.96E-06	6.54E-07	8.92E-07	1.42E-06	2.50E-07	1.35E-06	7.64E-06
5778	488997.5	3858740	9.76E-03	1.00E-02	9.43E-03	3.38E-06	1.02E-05	5.91E-06	6.05E-06	5.48E-06	2.50E-06	2.36E-06	1.13E-07	2.73E-06	6.01E-07	8.21E-07	1.30E-06	2.30E-07	1.24E-06	7.03E-06
5779	488935.4	3858682.8	9.06E-03	9.28E-03	8.76E-03	3.14E-06	9.47E-06	5.48E-06	5.62E-06	5.09E-06	2.32E-06	2.19E-06	1.05E-07	2.53E-06	5.59E-07	7.63E-07	1.21E-06	2.13E-07	1.15E-06	6.53E-06
5780	488869.2	3858848.4	2.54E-02	2.60E-02	2.45E-02	8.79E-06	2.65E-05	1.54E-05	1.57E-05	1.43E-05	6.51E-06	6.14E-06	2.94E-07	7.09E-06	1.56E-06	2.14E-06	3.39E-06	5.97E-07	3.22E-06	1.83E-05
5781	488932.5	3858892.7	2.76E-02	2.83E-02	2.67E-02	9.57E-06	2.89E-05	1.67E-05	1.71E-05	1.55E-05	7.08E-06	6.68E-06	3.19E-07	7.72E-06	1.70E-06	2.33E-06	3.69E-06	6.50E-07	3.51E-06	1.99E-05
5782	489063.3	3858977.2	3.13E-02	3.20E-02	3.02E-02	1.08E-05	3.27E-05	1.89E-05	1.94E-05	1.76E-05	8.01E-06	7.56E-06	3.61E-07	8.73E-06	1.93E-06	2.63E-06	4.17E-06	7.35E-07	3.97E-06	2.25E-05
5783	489248.2	3859117.2	4.97E-02	5.09E-02	4.80E-02	1.72E-05	5.19E-05	3.01E-05	3.08E-05	2.79E-05	1.27E-05	1.20E-05	5.74E-07	1.39E-05	3.06E-06	4.18E-06	6.63E-06	1.17E-06	6.30E-06	3.58E-05
5784	489296.3	3859049.2	1.95E-02	2.00E-02	1.88E-02	6.75E-06	2.04E-05	1.18E-05	1.21E-05	1.10E-05	5.00E-06	4.72E-06	2.25E-07	5.44E-06	1.20E-06	1.64E-06	2.60E-06	4.59E-07	2.47E-06	1.40E-05
5785	489353.4	3858994	1.22E-02	1.25E-02	1.18E-02	4.23E-06	1.28E-05	7.39E-06	7.57E-06	6.86E-06	3.13E-06	2.95E-06	1.41E-07	3.41E-06	7.53E-07	1.03E-06	1.63E-06	2.87E-07	1.55E-06	8.80E-06
5786	489537.2	3859120.2	1.37E-02	1.40E-02	1.32E-02	4.73E-06	1.43E-05	8.26E-06	8.46E-06	7.67E-06	3.50E-06	3.30E-06	1.58E-07	3.81E-06	8.42E-07	1.15E-06	1.82E-06	3.21E-07	1.73E-06	9.84E-06
5787	489727	3859246	1.53E-02	1.57E-02	1.48E-02	5.29E-06	1.60E-05	9.25E-06	9.48E-06	8.59E-06	3.92E-06	3.70E-06	1.77E-07	4.27E-06	9.42E-07	1.29E-06	2.04E-06	3.60E-07	1.94E-06	1.10E-05
5788	489911.5	3859366.3	1.69E-02	1.73E-02	1.64E-02	5.86E-06	1.77E-05	1.02E-05	1.05E-05	9.52E-06	4.34E-06	4.10E-06	1.96E-07	4.73E-06	1.04E-06	1.43E-06	2.26E-06	3.98E-07	2.15E-06	1.22E-05
5789	490035.3	3859430.3	1.68E-02	1.72E-02	1.63E-02	5.82E-06	1.76E-05	1.02E-05	1.04E-05	9.45E-06	4.31E-06	4.07E-06	1.94E-07	4.70E-06	1.04E-06	1.42E-06	2.25E-06	3.96E-07	2.13E-06	1.21E-05
5790	490101.1	3859458.6	1.63E-02	1.67E-02	1.57E-02	5.64E-06	1.70E-05	9.86E-06	1.01E-05	9.15E-06	4.18E-06	3.94E-06	1.88E-07	4.55E-06	1.00E-06	1.37E-06	2.17E-06	3.83E-07	2.07E-06	1.17E-05
5791	490312.7	3859560.3	1.76E-02	1.80E-02	1.70E-02	6.10E-06	1.84E-05	1.07E-05	1.09E-05	9.90E-06	4.52E-06	4.26E-06	2.04E-07	4.92E-06	1.09E-06	1.48E-06	2.35E-06	4.14E-07	2.24E-06	1.27E-05
5792	490401.6	3859603.1	1.87E-02	1.92E-02	1.81E-02	6.48E-06	1.96E-05	1.13E-05	1.16E-05	1.05E-05	4.80E-06	4.53E-06	2.16E-07	5.23E-06	1.15E-06	1.58E-06	2.50E-06	4.40E-07	2.38E-06	1.35E-05
5793	490490.6	3859645.9	1.99E-02	2.03E-02	1.92E-02	6.88E-06	2.08E-05	1.20E-05	1.23E-05	1.12E-05	5.09E-06	4.80E-06	2.30E-07	5.55E-06	1.22E-06	1.67E-06	2.65E-06	4.67E-07	2.52E-06	1.43E-05
5794	490579.5	3859688.8	2.10E-02	2.15E-02	2.02E-02	7.25E-06	2.19E-05	1.27E-05	1.30E-05	1.18E-05	5.37E-06	5.07E-06	2.42E-07	5.85E-06	1.29E-06	1.76E-06	2.80E-06	4.93E-07	2.66E-06	1.51E-05
5795	490668.5	3859731.6	2.16E-02	2.21E-02	2.08E-02	7.46E-06	2.25E-05	1.30E-05	1.34E-05	1.21E-05	5.52E-06	5.21E-06	2.49E-07	6.02E-06	1.33E-06	1.81E-06	2.88E-06	5.07E-07	2.73E-06	1.55E-05
5796	490757.4	3859774.4	2.34E-02	2.40E-02	2.26E-02	8.10E-06	2.45E-05	1.42E-05	1.45E-05	1.31E-05	6.00E-06	5.66E-06	2.71E-07	6.54E-06	1.44E-06	1.97E-06	3.12E-06	5.51E-07	2.97E-06	1.69E-05
5797	491003.5	3859861.8	2.03E-02	2.08E-02	1.96E-02	7.04E-06	2.12E-05	1.23E-05	1.26E-05	1.14E-05	5.21E-06	4.91E-06	2.35E-07	5.68E-06	1.25E-06	1.71E-06	2.71E-06	4.78E-07	2.58E-06	1.46E-05
5798	491081.4	3859879.1	1.80E-02	1.84E-02	1.74E-02	6.23E-06	1.88E-05	1.09E-05	1.11E-05	1.01E-05	4.61E-06	4.35E-06	2.08E-07	5.02E-06	1.11E-06	1.51E-06	2.40E-06	4.23E-07	2.28E-06	1.30E-05
5799	491229.8	3859917.8	1.46E-02	1.49E-02	1.41E-02	5.04E-06	1.52E-05	8.81E-06	9.02E-06	8.18E-06	3.73E-06	3.52E-06	1.68E-07	4.06E-06	8.97E-07	1.22E-06	1.94E-06	3.42E-07	1.85E-06	1.05E-05
5800	491300.2	3859939.4	1.32E-02	1.36E-02	1.28E-02	4.58E-06	1.38E-05	8.00E-06	8.20E-06	7.43E-06	3.39E-06	3.20E-06	1.53E-07	3.69E-06	8.15E-07	1.11E-06	1.77E-06	3.11E-07	1.68E-06	9.53E-06
5801	491350.5	3860012	1.58E-02	1.62E-02	1.53E-02	5.47E-06	1.65E-05	9.57E-06	9.80E-06	8.88E-06	4.05E-06	3.82E-06	1.83E-07	4.41E-06	9.74E-07	1.33E-06	2.11E-06	3.72E-07	2.01E-06	1.14E-05
5802	491406.8	3860092.6	1.84E-02	1.88E-02	1.78E-02	6.37E-06	1.92E-05	1.11E-05	1.14E-05	1.03E-05	4.72E-06	4.45E-06	2.13E-07	5.14E-06	1.13E-06	1.55E-06	2.46E-06	4.33E-07	2.33E-06	1.33E-05
5803	491483.4	3860122	1.56E-02	1.60E-02	1.51E-02	5.41E-06	1.63E-05	9.46E-06	9.69E-06	8.79E-06	4.01E-06	3.78E-06	1.81E-07	4.37E-06	9.64E-07	1.32E-06	2.09E-06	3.68E-07	1.98E-06	1.13E-05
5804	491559.9	3860151.4	1.36E-02	1.40E-02	1.32E-02	4.72E-06	1.42E-05	8.25E-06	8.44E-06	7.66E-06	3.49E-06	3.29E-06	1.58E-07	3.80E-06	8.40E-07	1.15E-06	1.82E-06	3.21E-07	1.73E-06	9.82E-06
5805	491711.8	3860237.8	9.86E-03	1.01E-02	9.53E-03	3.41E-06	1.03E-05	5.97E-06	6.11E-06	5.54E-06	2.53E-06	2.39E-06	1.14E-07	2.75E-06	6.08E-07	8.30E-07	1.32E-06	2.32E-07	1.25E-06	7.11E-06
5806	491755.2	3860319.1	1.41E-02	1.45E-02	1.37E-02	4.89E-06	1.48E-05	8.55E-06	8.76E-06	7.94E-06	3.62E-06	3.42E-06	1.63E-07	3.95E-06	8.71E-07	1.19E-06	1.89E-06	3.33E-07	1.79E-06	1.02E-05
5807	491704.7	3860366.5	2.27E-02	2.33E-02	2.19E-02	7.86E-06	2.37E-05	1.37E-05	1.41E-05	1.28E-05	5.82E-06	5.49E-06	2.63E-07	6.34E-06	1.40E-06	1.91E-06	3.03E-06	5.34E-07	2.88E-06	1.64E-05
5808	491623.4	3860462.4	2.51E-02	2.57E-02	2.43E-02	8.69E-06	2.63E-05	1.52E-05	1.56E-05	1.41E-05	6.44E-06	6.07E-06	2.90E-07	7.01E-06	1.55E-06	2.11E-06	3.35E-06	5.91E-07	3.19E-06	1.81E-05
5809	491534	3860439.8	1.04E-02	1.06E-02	1.00E-02	3.59E-06	1.08E-05	6.27E-06	6.42E-06	5.82E-06	2.66E-06	2.50E-06	1.20E-07	2.89E-06	6.38E-07	8.72E-07	1.38E-06	2.44E-07	1.31E-06	7.46E-06
5810	491314	3860268.2	1.28E-02	1.32E-02	1.24E-02	4.44E-06	1.34E-05	7.77E-06	7.96E-06	7.21E-06	3.29E-06	3.10E-06	1.48E-07	3.59E-06	7.91E-07	1.08E-06	1.71E-06	3.02E-07	1.63E-06	9.25E-06
5811	491187.1	3860143.6	1.83E-02	1.87E-02	1.77E-02	6.32E-06	1.91E-05	1.11E-05	1.13E-05	1.03E-05	4.68E-06	4.42E-06	2.11E-07	5.10E-06	1.13E-06	1.54E-06	2.44E-06	4.30E-07	2.32E-06	1.32E-05
5812	491070.4	3860076	1.61E-02	1.65E-02	1.55E-02	5.57E-06	1.68E-05	9.74E-06	9.97E-06	9.04E-06	4.13E-06	3.89E-06	1.86E-07	4.49E-06	9.92E-07	1.35E-06	2.15E-06	3.79E-07	2.04E-06	1.16E-05
5813	490995.1	3860039.4	1.49E-02	1.52E-02	1.44E-02	5.14E-06	1.55E-05	8.99E-06	9.21E-06	8.35E-06	3.81E-06	3.59E-06	1.72E-07	4.15E-06	9.16E-07	1.25E-06	1.98E-06	3.50E-07	1.89E-06	1.07E-05
5814	490919.8	3860002.8	1.52E-02	1.56E-02	1.47E-02	5.27E-06	1.59E-05	9.21E-06	9.43E-06	8.55E-06	3.90E-06	3.68E-06	1.76E-07	4.25E-06	9.37E-07	1.28E-06	2.03E-06	3.58E-07	1.93E-06	1.10E-05
5815	490756.8	3859894.5	3.60E-02	3.69E-02	3.48E-02	1.25E-05	3.77E-05	2.18E-05	2.23E-05	2.02E-05	9.23E-06	8.71E-06	4.16E-07	1.01E-05	2.22E-06	3.03E-06	4.81E-06	8.47E-07	4.57E-06	2.60E-05
5816	490668.1	3859860.9	3.38E-02	3.46E-02	3.26E-02	1.17E-05	3.53E-05	2.04E-05	2.09E-05	1.90E-05	8.66E-06	8.17E-06	3.90E-07	9.43E-06	2.08E-06	2.84E-06	4.51E-06	7.95E-07	4.29E-06	2.43E-05
5817	490579.3	3859827.3	3.28E-02	3.36E-02	3.17E-02	1.13E-05	3.42E-05	1.98E-05	2.03E-05	1.84E-05	8.40E-06	7.92E-06	3.79E-07	9.15E-06	2.02E-06	2.76E-06	4.37E-06	7.71E-07	4.16E-06	2.36E-05

5818	490490.6	3859793.7	3.03E-02	3.11E-02	2.93E-02	1.05E-05	3.17E-05	1.84E-05	1.88E-05	1.70E-05	7.78E-06	7.33E-06	3.51E-07	8.47E-06	1.87E-06	2.55E-06	4.05E-06	7.14E-07	3.85E-06	2.19E-05
5819	490401.9	3859760.1	2.86E-02	2.93E-02	2.76E-02	9.89E-06	2.99E-05	1.73E-05	1.77E-05	1.61E-05	7.33E-06	6.91E-06	3.30E-07	7.98E-06	1.76E-06	2.40E-06	3.81E-06	6.72E-07	3.63E-06	2.06E-05
5820	490313.1	3859726.5	2.78E-02	2.85E-02	2.69E-02	9.63E-06	2.91E-05	1.68E-05	1.72E-05	1.56E-05	7.13E-06	6.73E-06	3.22E-07	7.77E-06	1.71E-06	2.34E-06	3.71E-06	6.54E-07	3.53E-06	2.00E-05
5821	490224.4	3859692.8	2.72E-02	2.78E-02	2.63E-02	9.41E-06	2.84E-05	1.64E-05	1.68E-05	1.53E-05	6.97E-06	6.57E-06	3.14E-07	7.59E-06	1.67E-06	2.29E-06	3.63E-06	6.39E-07	3.45E-06	1.96E-05
5822	490135.7	3859659.2	2.66E-02	2.73E-02	2.57E-02	9.22E-06	2.78E-05	1.61E-05	1.65E-05	1.50E-05	6.83E-06	6.44E-06	3.08E-07	7.44E-06	1.64E-06	2.24E-06	3.56E-06	6.27E-07	3.38E-06	1.92E-05
5823	489918.2	3859559.2	2.81E-02	2.87E-02	2.71E-02	9.71E-06	2.93E-05	1.70E-05	1.74E-05	1.58E-05	7.19E-06	6.78E-06	3.24E-07	7.83E-06	1.73E-06	2.36E-06	3.75E-06	6.60E-07	3.56E-06	2.02E-05
5824	489743.6	3859486	1.86E-02	1.90E-02	1.79E-02	6.43E-06	1.94E-05	1.12E-05	1.15E-05	1.04E-05	4.76E-06	4.49E-06	2.15E-07	5.18E-06	1.14E-06	1.56E-06	2.48E-06	4.37E-07	2.36E-06	1.34E-05
5825	489660.3	3859440.3	1.85E-02	1.90E-02	1.79E-02	6.42E-06	1.94E-05	1.12E-05	1.15E-05	1.04E-05	4.75E-06	4.48E-06	2.14E-07	5.18E-06	1.14E-06	1.56E-06	2.48E-06	4.36E-07	2.35E-06	1.34E-05
5826	489577	3859394.5	1.85E-02	1.90E-02	1.79E-02	6.42E-06	1.94E-05	1.12E-05	1.15E-05	1.04E-05	4.75E-06	4.48E-06	2.14E-07	5.18E-06	1.14E-06	1.56E-06	2.48E-06	4.36E-07	2.35E-06	1.34E-05
5827	489493.8	3859348.8	1.84E-02	1.89E-02	1.78E-02	6.39E-06	1.93E-05	1.12E-05	1.14E-05	1.04E-05	4.73E-06	4.46E-06	2.13E-07	5.15E-06	1.14E-06	1.55E-06	2.46E-06	4.34E-07	2.34E-06	1.33E-05
5828	489321.3	3859240	2.33E-02	2.39E-02	2.25E-02	8.07E-06	2.44E-05	1.41E-05	1.44E-05	1.31E-05	5.97E-06	5.64E-06	2.69E-07	6.51E-06	1.44E-06	1.96E-06	3.11E-06	5.48E-07	2.96E-06	1.68E-05
5829	489235.4	3859194	2.30E-02	2.36E-02	2.23E-02	7.98E-06	2.41E-05	1.39E-05	1.43E-05	1.29E-05	5.91E-06	5.57E-06	2.66E-07	6.43E-06	1.42E-06	1.94E-06	3.08E-06	5.42E-07	2.92E-06	1.66E-05
5830	489149.5	3859147.9	2.19E-02	2.24E-02	2.12E-02	7.59E-06	2.29E-05	1.33E-05	1.36E-05	1.23E-05	5.62E-06	5.30E-06	2.53E-07	6.12E-06	1.35E-06	1.84E-06	2.93E-06	5.16E-07	2.78E-06	1.58E-05
5831	489063.7	3859101.8	2.18E-02	2.23E-02	2.11E-02	7.55E-06	2.28E-05	1.32E-05	1.35E-05	1.22E-05	5.59E-06	5.27E-06	2.52E-07	6.09E-06	1.34E-06	1.83E-06	2.91E-06	5.13E-07	2.77E-06	1.57E-05
5832	488977.8	3859055.8	2.16E-02	2.21E-02	2.09E-02	7.49E-06	2.26E-05	1.31E-05	1.34E-05	1.21E-05	5.54E-06	5.23E-06	2.50E-07	6.04E-06	1.33E-06	1.82E-06	2.89E-06	5.09E-07	2.74E-06	1.56E-05
5833	488891.9	3859009.7	2.09E-02	2.14E-02	2.02E-02	7.23E-06	2.18E-05	1.26E-05	1.29E-05	1.17E-05	5.35E-06	5.05E-06	2.41E-07	5.83E-06	1.29E-06	1.76E-06	2.79E-06	4.91E-07	2.65E-06	1.50E-05
5834	488808	3859060.7	7.28E-03	7.46E-03	7.04E-03	2.52E-06	7.61E-06	4.41E-06	4.51E-06	4.09E-06	1.87E-06	1.76E-06	8.42E-08	2.03E-06	4.49E-07	6.13E-07	9.72E-07	1.71E-07	9.24E-07	5.25E-06
5835	488809.9	3859157.9	4.38E-03	4.49E-03	4.23E-03	1.52E-06	4.58E-06	2.65E-06	2.71E-06	2.46E-06	1.12E-06	1.06E-06	5.06E-08	1.22E-06	2.70E-07	3.69E-07	5.85E-07	1.03E-07	5.56E-07	3.16E-06
5836	488811.9	3859255	3.16E-03	3.24E-03	3.06E-03	1.09E-06	3.31E-06	1.91E-06	1.96E-06	1.78E-06	8.11E-07	7.65E-07	3.66E-08	8.83E-07	1.95E-07	2.66E-07	4.22E-07	7.44E-08	4.01E-07	2.28E-06
5837	488813.8	3859352.1	2.50E-03	2.56E-03	2.41E-03	8.64E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.40E-07	6.04E-07	2.89E-08	6.97E-07	1.54E-07	2.10E-07	3.33E-07	5.87E-08	3.17E-07	1.80E-06
5838	488815.7	3859449.2	2.08E-03	2.13E-03	2.01E-03	7.20E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.33E-07	5.03E-07	2.41E-08	5.81E-07	1.28E-07	1.75E-07	2.78E-07	4.90E-08	2.64E-07	1.50E-06
5839	488910	3859547.1	1.92E-03	1.97E-03	1.86E-03	6.66E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.93E-07	4.65E-07	2.22E-08	5.37E-07	1.19E-07	1.62E-07	2.57E-07	4.53E-08	2.44E-07	1.39E-06
5840	489002.5	3859547.9	2.09E-03	2.14E-03	2.02E-03	7.23E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.35E-07	5.05E-07	2.41E-08	5.83E-07	1.29E-07	1.76E-07	2.79E-07	4.91E-08	2.65E-07	1.50E-06
5841	489094.9	3859548.7	2.29E-03	2.35E-03	2.21E-03	7.93E-07	2.39E-06	1.39E-06	1.42E-06	1.29E-06	5.87E-07	5.54E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.39E-08	2.91E-07	1.65E-06
5842	489230.1	3859601.9	2.38E-03	2.44E-03	2.30E-03	8.25E-07	2.49E-06	1.44E-06	1.48E-06	1.34E-06	6.11E-07	5.76E-07	2.75E-08	6.65E-07	1.47E-07	2.00E-07	3.18E-07	5.60E-08	3.02E-07	1.72E-06
5843	489227.5	3859680.9	2.05E-03	2.10E-03	1.98E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.25E-07	4.95E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.82E-08	2.60E-07	1.48E-06
5844	489133.5	3859760.3	1.69E-03	1.73E-03	1.63E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.47E-07	4.32E-07	4.08E-07	1.95E-08	4.71E-07	1.04E-07	1.42E-07	2.25E-07	3.96E-08	2.14E-07	1.21E-06
5845	489042	3859760.7	1.58E-03	1.62E-03	1.53E-03	5.48E-07	1.65E-06	9.57E-07	9.80E-07	8.89E-07	4.06E-07	3.83E-07	1.83E-08	4.42E-07	9.75E-08	1.33E-07	2.11E-07	3.72E-08	2.01E-07	1.14E-06
5846	488950.5	3859761.1	1.49E-03	1.53E-03	1.44E-03	5.16E-07	1.56E-06	9.02E-07	9.24E-07	8.37E-07	3.82E-07	3.60E-07	1.72E-08	4.16E-07	9.18E-08	1.25E-07	1.99E-07	3.51E-08	1.89E-07	1.07E-06
5847	488858.9	3859761.4	1.41E-03	1.45E-03	1.36E-03	4.89E-07	1.48E-06	8.55E-07	8.75E-07	7.93E-07	3.62E-07	3.42E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.89E-07	3.32E-08	1.79E-07	1.02E-06
5848	488767.4	3859761.8	1.34E-03	1.37E-03	1.29E-03	4.63E-07	1.40E-06	8.10E-07	8.30E-07	7.52E-07	3.43E-07	3.24E-07	1.55E-08	3.74E-07	8.25E-08	1.13E-07	1.79E-07	3.15E-08	1.70E-07	9.64E-07
5849	488675.9	3859762.2	1.28E-03	1.31E-03	1.23E-03	4.41E-07	1.33E-06	7.72E-07	7.90E-07	7.16E-07	3.27E-07	3.08E-07	1.47E-08	3.56E-07	7.86E-08	1.07E-07	1.70E-07	3.00E-08	1.62E-07	9.19E-07
5850	488584.4	3859762.6	1.22E-03	1.25E-03	1.17E-03	4.21E-07	1.27E-06	7.36E-07	7.54E-07	6.83E-07	3.12E-07	2.94E-07	1.41E-08	3.40E-07	7.49E-08	1.02E-07	1.62E-07	2.86E-08	1.54E-07	8.76E-07
5851	488492.9	3859763	1.16E-03	1.19E-03	1.12E-03	4.03E-07	1.22E-06	7.05E-07	7.22E-07	6.54E-07	2.98E-07	2.82E-07	1.35E-08	3.25E-07	7.17E-08	9.80E-08	1.55E-07	2.74E-08	1.48E-07	8.39E-07
5852	488402.8	3859831	1.07E-03	1.09E-03	1.03E-03	3.69E-07	1.12E-06	6.46E-07	6.61E-07	5.99E-07	2.74E-07	2.58E-07	1.23E-08	2.98E-07	6.57E-08	8.98E-08	1.42E-07	2.51E-08	1.35E-07	7.69E-07
5853	488404.1	3859898.6	1.02E-03	1.05E-03	9.87E-04	3.54E-07	1.07E-06	6.18E-07	6.33E-07	5.74E-07	2.62E-07	2.47E-07	1.18E-08	2.85E-07	6.29E-08	8.59E-08	1.36E-07	2.40E-08	1.30E-07	7.36E-07
5854	488505.2	3859965	1.02E-03	1.04E-03	9.84E-04	3.53E-07	1.06E-06	6.16E-07	6.31E-07	5.72E-07	2.61E-07	2.46E-07	1.18E-08	2.84E-07	6.27E-08	8.57E-08	1.36E-07	2.40E-08	1.29E-07	7.34E-07
5855	488604.8	3859963.8	1.06E-03	1.08E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.54E-07	5.93E-07	2.70E-07	2.55E-07	1.22E-08	2.95E-07	6.50E-08	8.88E-08	1.41E-07	2.48E-08	1.34E-07	7.60E-07
5856	488704.5	3859962.6	1.10E-03	1.12E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.80E-07	6.17E-07	2.81E-07	2.65E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.58E-08	1.39E-07	7.91E-07
5857	488804.2	3859961.4	1.15E-03	1.17E-03	1.11E-03	3.97E-07	1.20E-06	6.94E-07	7.11E-07	6.44E-07	2.94E-07	2.77E-07	1.33E-08	3.20E-07	7.07E-08	9.65E-08	1.53E-07	2.70E-08	1.46E-07	8.26E-07
5858	488903.9	3859960.2	1.20E-03	1.23E-03	1.16E-03	4.16E-07	1.26E-06	7.27E-07	7.45E-07	6.75E-07	3.08E-07	2.90E-07	1.39E-08	3.35E-07	7.40E-08	1.01E-07	1.60E-07	2.83E-08	1.52E-07	8.65E-07
5859	489003.5	3859959	1.26E-03	1.29E-03	1.22E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.07E-07	3.23E-07	3.04E-07	1.46E-08	3.52E-07	7.76E-08	1.06E-07	1.68E-07	2.96E-08	1.60E-07	9.07E-07
5860	489103.2	3859957.8	1.32E-03	1.36E-03	1.28E-03	4.58E-07	1.38E-06	8.01E-07	8.20E-07	7.44E-07	3.39E-07	3.20E-07	1.53E-08	3.70E-07	8.16E-08	1.11E-07	1.77E-07	3.11E-08	1.68E-07	9.54E-07
5861	489201.5	3860046.6	1.28E-03	1.31E-03	1.24E-03	4.43E-07	1.34E-06	7.74E-07	7.93E-07	7.19E-07	3.28E-07	3.09E-07	1.48E-08	3.57E-07	7.88E-08	1.08E-07	1.71E-07	3.01E-08	1.62E-07	9.22E-07
5862	489200.1	3860136.6	1.19E-03	1.21E-03	1.14E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.66E-07	3.04E-07	2.87E-07	1.37E-08	3.31E-07	7.30E-08	9.97E-08	1.58E-07	2.79E-08	1.50E-07	8.54E-07
5863	489198.7	3860226.6	1.11E-03	1.14E-03	1.07E-03	3.84E-07	1.16E-06	6.72E-07	6.88E-07	6.23E-07	2.84E-07	2.68E-07	1.28E-08	3.10E-07	6.84E-08	9.34E-08	1.48E-07	2.61E-08	1.41E-07	8.00E-07
5864	489197.4	3860316.7	1.04E-03	1.07E-03	1.01E-03	3.62E-07	1.09E-06	6.32E-07	6.48E-07	5.87E-07	2.68E-07	2.53E-07	1.21E-08	2.92E-07	6.44E-08	8.79E-08	1.39E-07	2.46E-08	1.33E-07	7.53E-07
5865	489196	3860406.7	9.84E-04	1.01E-03	9.51E-04	3.41E-07	1.03E-06	5.96E-07	6.10E-07	5.53E-07	2.52E-07	2.38E-07	1.14E-08	2.75E-07	6.07E-08	8.28E-08	1.31E-07	2.32E-08	1.25E-07	7.09E-07
5866	489194.6	3860496.7	9.22E-04	9.45E-04	8.91E-04	3.19E-07	9.64E-07	5.58E-07	5.72E-07	5.18E-07	2.36E-07	2.23E-07	1.07E-08	2.58E-07	5.68E-08	7.76E-08	1.23E-07	2.17E-08	1.17E-07	6.65E-07
5867	489193.3	3860586.7	8.65E-04	8.86E-04	8.36E-04	2.99E-07	9.04E-07	5.23E-07	5.36E-07	4.86E-07	2.22E-07	2.09E-07	1.00E-08	2.41E-07	5.33E-08	7.28E-08	1.15E-07	2.03E-08	1.10E-07	6.23E-07
5868	489092	3860678.1	7.91E-04	8.10E-04	7.64E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	2.03E-07	1.91E-07	9.14E-09	2.21E-07	4.87E-08	6.66E-08	1.06E-07	1.86E-08	1.00E-07	5.70E-07
5869	488992.1	3860679.5	7.69E-04	7.88E-04	7.43E-04	2.66E-07	8.04E-07	4.65E-07	4.77E-07	4.32E-07	1.97E-07	1.86E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.81E-08	9.76E-08	5.54E-07
5870	488892.2	3860680.9	7.51E-04	7.69E-04	7.26E-04	2.60E-07	7.85E-07	4.55E-07	4.66E-07	4.22E-07	1.93E-07	1.82E-07	8.68E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.77E-08	9.53E-08	5.41E-07
5871	488792.4	3860682.3	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
5872	488692.5	3860683.7	7.17E-04	7.35E-04	6.93E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.84E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.69E-08	9.10E-08	5.17E-07
5873	488592.6	3860685.1	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07

5874	488492.7	3860686.5	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
5875	488299.1	3860762.2	6.46E-04	6.62E-04	6.25E-04	2.24E-07	6.76E-07	3.91E-07	4.01E-07	3.63E-07	1.66E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.44E-08	8.63E-08	1.52E-08	8.20E-08	4.66E-07
5876	488205.3	3860764.1	6.35E-04	6.50E-04	6.13E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.57E-07	1.63E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.49E-08	8.05E-08	4.57E-07
5877	488111.6	3860766	6.21E-04	6.36E-04	6.00E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.59E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	5.23E-08	8.29E-08	1.46E-08	7.88E-08	4.48E-07
5878	488017.8	3860767.9	6.10E-04	6.24E-04	5.89E-04	2.11E-07	6.37E-07	3.69E-07	3.78E-07	3.42E-07	1.56E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.43E-08	7.73E-08	4.39E-07
5879	487924.1	3860769.8	5.96E-04	6.11E-04	5.76E-04	2.06E-07	6.23E-07	3.61E-07	3.70E-07	3.35E-07	1.53E-07	1.44E-07	6.89E-09	1.66E-07	3.67E-08	5.02E-08	7.96E-08	1.40E-08	7.57E-08	4.30E-07
5880	487830.3	3860771.7	5.86E-04	6.00E-04	5.66E-04	2.03E-07	6.12E-07	3.55E-07	3.63E-07	3.29E-07	1.50E-07	1.42E-07	6.77E-09	1.64E-07	3.61E-08	4.93E-08	7.82E-08	1.38E-08	7.44E-08	4.22E-07
5881	487736.6	3860773.6	5.74E-04	5.88E-04	5.55E-04	1.99E-07	6.00E-07	3.47E-07	3.56E-07	3.23E-07	1.47E-07	1.39E-07	6.64E-09	1.60E-07	3.54E-08	4.83E-08	7.66E-08	1.35E-08	7.29E-08	4.14E-07
5882	487642.8	3860775.5	5.65E-04	5.79E-04	5.46E-04	1.96E-07	5.91E-07	3.42E-07	3.50E-07	3.18E-07	1.45E-07	1.37E-07	6.53E-09	1.58E-07	3.48E-08	4.76E-08	7.55E-08	1.33E-08	7.17E-08	4.07E-07
5883	487549.5	3860684.7	5.74E-04	5.88E-04	5.55E-04	1.99E-07	6.00E-07	3.47E-07	3.56E-07	3.23E-07	1.47E-07	1.39E-07	6.64E-09	1.60E-07	3.54E-08	4.83E-08	7.66E-08	1.35E-08	7.29E-08	4.14E-07
5884	487549.9	3860592	5.93E-04	6.08E-04	5.73E-04	2.05E-07	6.20E-07	3.59E-07	3.68E-07	3.33E-07	1.52E-07	1.43E-07	6.86E-09	1.66E-07	3.66E-08	4.99E-08	7.92E-08	1.40E-08	7.53E-08	4.27E-07
5885	487550.3	3860499.2	6.14E-04	6.29E-04	5.93E-04	2.13E-07	6.42E-07	3.71E-07	3.80E-07	3.45E-07	1.57E-07	1.48E-07	7.10E-09	1.71E-07	3.78E-08	5.17E-08	8.20E-08	1.44E-08	7.79E-08	4.42E-07
5886	487550.8	3860406.5	6.39E-04	6.55E-04	6.17E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.64E-07	1.55E-07	7.39E-09	1.78E-07	3.94E-08	5.38E-08	8.53E-08	1.50E-08	8.11E-08	4.60E-07
5887	487551.2	3860313.8	6.67E-04	6.83E-04	6.44E-04	2.31E-07	6.97E-07	4.04E-07	4.13E-07	3.75E-07	1.71E-07	1.61E-07	7.71E-09	1.86E-07	4.11E-08	5.61E-08	8.90E-08	1.57E-08	8.47E-08	4.81E-07
5888	487551.6	3860221	6.98E-04	7.15E-04	6.74E-04	2.42E-07	7.30E-07	4.22E-07	4.33E-07	3.92E-07	1.79E-07	1.69E-07	8.07E-09	1.95E-07	4.30E-08	5.87E-08	9.32E-08	1.64E-08	8.86E-08	5.03E-07
5889	487552.1	3860128.3	7.34E-04	7.51E-04	7.09E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.88E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.73E-08	9.31E-08	5.28E-07
5890	487552.5	3860035.5	7.67E-04	7.86E-04	7.41E-04	2.66E-07	8.02E-07	4.64E-07	4.76E-07	4.31E-07	1.97E-07	1.86E-07	8.87E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.81E-08	9.74E-08	5.53E-07
5891	487552.9	3859942.8	7.97E-04	8.16E-04	7.70E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.48E-07	2.04E-07	1.93E-07	9.21E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.87E-08	1.01E-07	5.74E-07
5892	487553.3	3859850.1	8.29E-04	8.50E-04	8.01E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.13E-07	2.01E-07	9.59E-09	2.32E-07	5.11E-08	6.98E-08	1.11E-07	1.95E-08	1.05E-07	5.98E-07
5893	487553.8	3859757.3	8.60E-04	8.81E-04	8.31E-04	2.98E-07	8.99E-07	5.21E-07	5.33E-07	4.83E-07	2.21E-07	2.08E-07	9.95E-09	2.40E-07	5.30E-08	7.24E-08	1.15E-07	2.02E-08	1.09E-07	6.20E-07
5894	487554.2	3859664.6	8.94E-04	9.16E-04	8.64E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.29E-07	2.16E-07	1.03E-08	2.50E-07	5.51E-08	7.53E-08	1.19E-07	2.10E-08	1.13E-07	6.44E-07
5895	487460.2	3859571.1	9.12E-04	9.34E-04	8.81E-04	3.16E-07	9.53E-07	5.52E-07	5.65E-07	5.12E-07	2.34E-07	2.21E-07	1.05E-08	2.55E-07	5.62E-08	7.67E-08	1.22E-07	2.15E-08	1.16E-07	6.57E-07
5896	487365.8	3859570.3	8.88E-04	9.10E-04	8.58E-04	3.08E-07	9.29E-07	5.38E-07	5.51E-07	4.99E-07	2.28E-07	2.15E-07	1.03E-08	2.48E-07	5.47E-08	7.48E-08	1.19E-07	2.09E-08	1.13E-07	6.40E-07
5897	487271.4	3859569.5	8.68E-04	8.89E-04	8.38E-04	3.00E-07	9.07E-07	5.25E-07	5.38E-07	4.88E-07	2.22E-07	2.10E-07	1.00E-08	2.42E-07	5.35E-08	7.30E-08	1.16E-07	2.04E-08	1.10E-07	6.25E-07
5898	487176.9	3859568.7	8.47E-04	8.68E-04	8.18E-04	2.93E-07	8.85E-07	5.13E-07	5.25E-07	4.76E-07	2.17E-07	2.05E-07	9.79E-09	2.37E-07	5.22E-08	7.13E-08	1.13E-07	1.99E-08	1.08E-07	6.10E-07
5899	487082.5	3859567.9	8.28E-04	8.48E-04	8.00E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.12E-07	2.00E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.11E-07	1.95E-08	1.05E-07	5.96E-07
5900	486988.1	3859567.1	8.09E-04	8.28E-04	7.81E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.07E-07	1.96E-07	9.35E-09	2.26E-07	4.98E-08	6.81E-08	1.08E-07	1.90E-08	1.03E-07	5.83E-07
5901	486893.7	3859566.4	7.91E-04	8.10E-04	7.64E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	2.03E-07	1.91E-07	9.14E-09	2.21E-07	4.87E-08	6.66E-08	1.06E-07	1.86E-08	1.00E-07	5.70E-07
5902	486799.3	3859565.6	7.75E-04	7.94E-04	7.49E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.99E-07	1.87E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.82E-08	9.83E-08	5.58E-07
5903	486704.8	3859564.8	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
5904	486610.4	3859564	7.44E-04	7.62E-04	7.19E-04	2.57E-07	7.77E-07	4.50E-07	4.61E-07	4.18E-07	1.91E-07	1.80E-07	8.60E-09	2.08E-07	4.58E-08	6.26E-08	9.93E-08	1.75E-08	9.44E-08	5.36E-07
5905	486516	3859563.2	7.28E-04	7.45E-04	7.03E-04	2.52E-07	7.60E-07	4.40E-07	4.51E-07	4.09E-07	1.87E-07	1.76E-07	8.41E-09	2.03E-07	4.48E-08	6.12E-08	9.71E-08	1.71E-08	9.23E-08	5.24E-07
5906	486421.6	3859562.5	7.13E-04	7.30E-04	6.89E-04	2.47E-07	7.45E-07	4.31E-07	4.42E-07	4.00E-07	1.83E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	6.00E-08	9.52E-08	1.68E-08	9.05E-08	5.14E-07
5907	486327.1	3859561.7	7.01E-04	7.18E-04	6.77E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.80E-07	1.70E-07	8.10E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.65E-08	8.90E-08	5.05E-07
5908	486232.7	3859560.9	6.86E-04	7.03E-04	6.63E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.86E-07	1.76E-07	1.66E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.61E-08	8.71E-08	4.94E-07
5909	486138.3	3859560.1	6.73E-04	6.89E-04	6.50E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.73E-07	1.63E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.58E-08	8.54E-08	4.85E-07
5910	486043.9	3859559.3	6.60E-04	6.76E-04	6.37E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.69E-07	1.60E-07	7.63E-09	1.84E-07	4.06E-08	5.55E-08	8.81E-08	1.55E-08	8.37E-08	4.75E-07
5911	485949.4	3859463.5	6.67E-04	6.83E-04	6.44E-04	2.31E-07	6.97E-07	4.04E-07	4.13E-07	3.75E-07	1.71E-07	1.61E-07	7.71E-09	1.86E-07	4.11E-08	5.61E-08	8.90E-08	1.57E-08	8.47E-08	4.81E-07
5912	485949.2	3859368.6	6.88E-04	7.04E-04	6.64E-04	2.38E-07	7.19E-07	4.16E-07	4.26E-07	3.86E-07	1.76E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.79E-08	9.18E-08	1.62E-08	8.73E-08	4.95E-07
5913	485949.1	3859273.6	7.10E-04	7.27E-04	6.86E-04	2.46E-07	7.42E-07	4.30E-07	4.40E-07	3.99E-07	1.82E-07	1.72E-07	8.21E-09	1.98E-07	4.37E-08	5.97E-08	9.48E-08	1.67E-08	9.01E-08	5.11E-07
5914	485949	3859178.6	7.32E-04	7.50E-04	7.07E-04	2.53E-07	7.65E-07	4.43E-07	4.54E-07	4.11E-07	1.88E-07	1.77E-07	8.46E-09	2.04E-07	4.51E-08	6.16E-08	9.77E-08	1.72E-08	9.29E-08	5.27E-07
5915	485948.9	3859083.6	7.60E-04	7.78E-04	7.34E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.95E-07	1.84E-07	8.79E-09	2.12E-07	4.68E-08	6.40E-08	1.01E-07	1.79E-08	9.65E-08	5.48E-07
5916	485948.8	3858988.6	7.93E-04	8.12E-04	7.66E-04	2.74E-07	8.28E-07	4.80E-07	4.91E-07	4.45E-07	2.03E-07	1.92E-07	9.16E-09	2.21E-07	4.88E-08	6.67E-08	1.06E-07	1.86E-08	1.01E-07	5.71E-07
5917	485948.7	3858893.6	8.29E-04	8.50E-04	8.01E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.13E-07	2.01E-07	9.59E-09	2.32E-07	5.11E-08	6.98E-08	1.11E-07	1.95E-08	1.05E-07	5.98E-07
5918	485948.6	3858798.6	8.72E-04	8.93E-04	8.43E-04	3.02E-07	9.12E-07	5.28E-07	5.41E-07	4.90E-07	2.24E-07	2.11E-07	1.01E-08	2.44E-07	5.37E-08	7.34E-08	1.16E-07	2.05E-08	1.11E-07	6.28E-07
5919	485948.5	3858703.6	9.18E-04	9.40E-04	8.87E-04	3.18E-07	9.59E-07	5.55E-07	5.69E-07	5.16E-07	2.35E-07	2.22E-07	1.06E-08	2.56E-07	5.66E-08	7.72E-08	1.23E-07	2.16E-08	1.16E-07	6.61E-07
5920	485948.3	3858608.6	9.71E-04	9.95E-04	9.38E-04	3.36E-07	1.02E-06	5.88E-07	6.02E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.71E-07	5.98E-08	8.17E-08	1.30E-07	2.28E-08	1.23E-07	7.00E-07
5921	485948.2	3858513.6	1.03E-03	1.06E-03	9.95E-04	3.57E-07	1.08E-06	6.23E-07	6.38E-07	5.79E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.35E-08	8.67E-08	1.38E-07	2.42E-08	1.31E-07	7.42E-07
5922	485948.1	3858418.6	1.10E-03	1.12E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.80E-07	6.16E-07	2.81E-07	2.65E-07	1.27E-08	3.06E-07	6.76E-08	9.23E-08	1.46E-07	2.58E-08	1.39E-07	7.90E-07
5923	485948	3858323.6	1.18E-03	1.20E-03	1.14E-03	4.07E-07	1.23E-06	7.12E-07	7.29E-07	6.61E-07	3.02E-07	2.84E-07	1.36E-08	3.28E-07	7.25E-08	9.90E-08	1.57E-07	2.77E-08	1.49E-07	8.47E-07
5924	485947.9	3858228.6	1.26E-03	1.30E-03	1.22E-03	4.38E-07	1.32E-06	7.65E-07	7.84E-07	7.11E-07	3.24E-07	3.06E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.98E-08	1.61E-07	9.11E-07
5925	485947.8	3858133.6	1.37E-03	1.40E-03	1.32E-03	4.75E-07	1.43E-06	8.30E-07	8.50E-07	7.70E-07	3.51E-07	3.32E-07	1.58E-08	3.83E-07	8.45E-08	1.15E-07	1.83E-07	3.23E-08	1.74E-07	9.88E-07
5926	485947.7	3858038.6	1.51E-03	1.55E-03	1.46E-03	5.24E-07	1.58E-06	9.16E-07	9.38E-07	8.51E-07	3.88E-07	3.66E-07	1.75E-08	4.23E-07	9.33E-08	1.27E-07	2.02E-07	3.56E-08	1.92E-07	1.09E-06
5927	485854.5	3857943.4	1.56E-03	1.59E-03	1.50E-03	5.38E-07	1.63E-06	9.41E-07	9.64E-07	8.74E-07	3.99E-07	3.76E-07	1.80E-08	4.34E-07	9.58E-08	1.31E-07	2.08E-07	3.66E-08	1.97E-07	1.12E-06
5928	485761.5	3857943.1	1.45E-03	1.49E-03	1.40E-03	5.03E-07	1.52E-06	8.80E-07	9.01E-07	8.17E-07	3.73E-07	3.51E-07	1.68E-08	4.06E-07	8.96E-08	1.22E-07	1.94E-07	3.42E-08	1.84E-07	1.05E-06
5929	485668.5	3857942.8	1.37E-03	1.40E-03	1.32E-03	4.75E-07	1.43E-06	8.30E-07	8.50E-07	7.70E-07	3.51E-07	3.32E-07	1.58E-08	3.83E-07	8.45E-08	1.15E-07	1.83E-07	3.23E-08	1.74E-07	9.88E-07

5930	485575.5	3857942.6	1.29E-03	1.32E-03	1.25E-03	4.48E-07	1.35E-06	7.82E-07	8.01E-07	7.26E-07	3.31E-07	3.13E-07	1.49E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	3.04E-08	1.64E-07	9.31E-07
5931	485482.5	3857942.3	1.23E-03	1.26E-03	1.19E-03	4.25E-07	1.28E-06	7.43E-07	7.61E-07	6.90E-07	3.15E-07	2.97E-07	1.42E-08	3.43E-07	7.57E-08	1.03E-07	1.64E-07	2.89E-08	1.56E-07	8.85E-07
5932	485389.5	3857942	1.17E-03	1.20E-03	1.13E-03	4.05E-07	1.22E-06	7.07E-07	7.24E-07	6.57E-07	3.00E-07	2.83E-07	1.35E-08	3.26E-07	7.20E-08	9.84E-08	1.56E-07	2.75E-08	1.48E-07	8.42E-07
5933	485296.5	3857941.8	1.11E-03	1.14E-03	1.08E-03	3.86E-07	1.16E-06	6.74E-07	6.91E-07	6.26E-07	2.86E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.62E-08	1.41E-07	8.03E-07
5934	485203.5	3857941.5	1.07E-03	1.09E-03	1.03E-03	3.70E-07	1.12E-06	6.47E-07	6.62E-07	6.00E-07	2.74E-07	2.58E-07	1.24E-08	2.98E-07	6.58E-08	8.99E-08	1.43E-07	2.51E-08	1.36E-07	7.70E-07
5935	485110.4	3857941.3	1.02E-03	1.05E-03	9.88E-04	3.54E-07	1.07E-06	6.19E-07	6.34E-07	5.75E-07	2.62E-07	2.47E-07	1.18E-08	2.86E-07	6.30E-08	8.61E-08	1.37E-07	2.41E-08	1.30E-07	7.37E-07
5936	485017.4	3857941	9.80E-04	1.00E-03	9.47E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.51E-07	2.51E-07	2.37E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.31E-08	1.24E-07	7.06E-07
5937	484924.4	3857940.7	9.40E-04	9.63E-04	9.08E-04	3.25E-07	9.83E-07	5.69E-07	5.83E-07	5.28E-07	2.41E-07	2.27E-07	1.09E-08	2.63E-07	5.79E-08	7.91E-08	1.25E-07	2.21E-08	1.19E-07	6.77E-07
5938	484831.4	3857940.5	9.03E-04	9.25E-04	8.73E-04	3.13E-07	9.44E-07	5.47E-07	5.60E-07	5.07E-07	2.32E-07	2.18E-07	1.04E-08	2.52E-07	5.57E-08	7.60E-08	1.21E-07	2.12E-08	1.15E-07	6.51E-07
5939	484738.1	3857859.3	9.05E-04	9.27E-04	8.74E-04	3.13E-07	9.46E-07	5.47E-07	5.61E-07	5.08E-07	2.32E-07	2.19E-07	1.05E-08	2.53E-07	5.57E-08	7.61E-08	1.21E-07	2.13E-08	1.15E-07	6.52E-07
5940	484737.9	3857778.4	9.46E-04	9.69E-04	9.14E-04	3.27E-07	9.89E-07	5.72E-07	5.86E-07	5.31E-07	2.43E-07	2.29E-07	1.09E-08	2.64E-07	5.83E-08	7.96E-08	1.26E-07	2.23E-08	1.20E-07	6.82E-07
5941	484737.6	3857697.5	9.90E-04	1.01E-03	9.57E-04	3.43E-07	1.04E-06	5.99E-07	6.14E-07	5.56E-07	2.54E-07	2.39E-07	1.14E-08	2.77E-07	6.10E-08	8.33E-08	1.32E-07	2.33E-08	1.26E-07	7.13E-07
5942	484737.3	3857616.6	1.04E-03	1.06E-03	1.00E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.66E-07	2.51E-07	1.20E-08	2.90E-07	6.39E-08	8.73E-08	1.38E-07	2.44E-08	1.32E-07	7.47E-07
5943	484645.5	3857535.2	1.04E-03	1.07E-03	1.01E-03	3.61E-07	1.09E-06	6.30E-07	6.46E-07	5.85E-07	2.67E-07	2.52E-07	1.20E-08	2.91E-07	6.42E-08	8.77E-08	1.39E-07	2.45E-08	1.32E-07	7.51E-07
5944	484554	3857534.7	9.96E-04	1.02E-03	9.62E-04	3.45E-07	1.04E-06	6.03E-07	6.17E-07	5.60E-07	2.55E-07	2.41E-07	1.15E-08	2.78E-07	6.14E-08	8.38E-08	1.33E-07	2.34E-08	1.26E-07	7.18E-07
5945	484462.5	3857534.2	9.55E-04	9.78E-04	9.23E-04	3.31E-07	9.98E-07	5.78E-07	5.92E-07	5.36E-07	2.45E-07	2.31E-07	1.10E-08	2.67E-07	5.88E-08	8.03E-08	1.27E-07	2.25E-08	1.21E-07	6.88E-07
5946	484370.9	3857533.7	9.18E-04	9.40E-04	8.87E-04	3.18E-07	9.59E-07	5.55E-07	5.69E-07	5.16E-07	2.35E-07	2.22E-07	1.06E-08	2.56E-07	5.66E-08	7.72E-08	1.23E-07	2.16E-08	1.16E-07	6.61E-07
5947	484279.4	3857533.2	8.84E-04	9.05E-04	8.54E-04	3.06E-07	9.24E-07	5.35E-07	5.48E-07	4.97E-07	2.27E-07	2.14E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.08E-08	1.12E-07	6.37E-07
5948	484187.9	3857532.7	8.55E-04	8.75E-04	8.26E-04	2.96E-07	8.93E-07	5.17E-07	5.30E-07	4.80E-07	2.19E-07	2.07E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	2.01E-08	1.08E-07	6.16E-07
5949	484096.3	3857532.2	8.28E-04	8.48E-04	8.00E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.12E-07	2.00E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.11E-07	1.95E-08	1.05E-07	5.96E-07
5950	484004.8	3857531.6	8.04E-04	8.24E-04	7.77E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.06E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.89E-08	1.02E-07	5.79E-07
5951	483913.3	3857531.1	7.82E-04	8.01E-04	7.56E-04	2.71E-07	8.18E-07	4.73E-07	4.85E-07	4.39E-07	2.01E-07	1.89E-07	9.04E-09	2.18E-07	4.82E-08	6.58E-08	1.04E-07	1.84E-08	9.93E-08	5.64E-07
5952	483821.7	3857530.6	7.62E-04	7.80E-04	7.36E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.95E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.79E-08	9.66E-08	5.49E-07
5953	483729.6	3857450.1	7.65E-04	7.83E-04	7.39E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.96E-07	1.85E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.80E-08	9.70E-08	5.51E-07
5954	483729	3857370.1	7.90E-04	8.09E-04	7.63E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.44E-07	2.02E-07	1.91E-07	9.13E-09	2.20E-07	4.86E-08	6.64E-08	1.05E-07	1.86E-08	1.00E-07	5.69E-07
5955	483728.4	3857290.1	8.16E-04	8.36E-04	7.88E-04	2.83E-07	8.53E-07	4.94E-07	5.06E-07	4.59E-07	2.09E-07	1.97E-07	9.43E-09	2.28E-07	5.03E-08	6.87E-08	1.09E-07	1.92E-08	1.04E-07	5.88E-07
5956	483727.9	3857210	8.43E-04	8.63E-04	8.14E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.16E-07	2.04E-07	9.74E-09	2.35E-07	5.19E-08	7.09E-08	1.12E-07	1.98E-08	1.07E-07	6.07E-07
5957	483641.2	3857129.1	8.47E-04	8.68E-04	8.18E-04	2.93E-07	8.85E-07	5.13E-07	5.25E-07	4.76E-07	2.17E-07	2.05E-07	9.79E-09	2.37E-07	5.22E-08	7.13E-08	1.13E-07	1.99E-08	1.08E-07	6.10E-07
5958	483555	3857128.1	8.22E-04	8.42E-04	7.94E-04	2.85E-07	8.59E-07	4.97E-07	5.09E-07	4.62E-07	2.11E-07	1.99E-07	9.50E-09	2.30E-07	5.06E-08	6.92E-08	1.10E-07	1.93E-08	1.04E-07	5.92E-07
5959	483468.9	3857127.2	7.98E-04	8.18E-04	7.71E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.49E-07	2.05E-07	1.93E-07	9.23E-09	2.23E-07	4.92E-08	6.72E-08	1.07E-07	1.88E-08	1.01E-07	5.75E-07
5960	483382.8	3857126.3	7.78E-04	7.97E-04	7.51E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.99E-07	1.88E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.83E-08	9.87E-08	5.60E-07
5961	483296.7	3857125.3	7.59E-04	7.77E-04	7.33E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.94E-07	1.83E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.78E-08	9.63E-08	5.47E-07
5962	483210.5	3857124.4	7.39E-04	7.57E-04	7.14E-04	2.56E-07	7.73E-07	4.47E-07	4.58E-07	4.15E-07	1.90E-07	1.79E-07	8.55E-09	2.06E-07	4.56E-08	6.22E-08	9.87E-08	1.74E-08	9.38E-08	5.33E-07
5963	483123.4	3857031	7.45E-04	7.63E-04	7.20E-04	2.58E-07	7.79E-07	4.51E-07	4.62E-07	4.19E-07	1.91E-07	1.80E-07	8.62E-09	2.08E-07	4.59E-08	6.27E-08	9.95E-08	1.75E-08	9.46E-08	5.37E-07
5964	483122.4	3856938.5	7.70E-04	7.89E-04	7.44E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.97E-07	1.86E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.81E-08	9.78E-08	5.55E-07
5965	483121.4	3856846	7.95E-04	8.15E-04	7.69E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.47E-07	2.04E-07	1.92E-07	9.20E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.87E-08	1.01E-07	5.73E-07
5966	483120.3	3856753.5	8.21E-04	8.40E-04	7.93E-04	2.84E-07	8.58E-07	4.97E-07	5.09E-07	4.61E-07	2.10E-07	1.98E-07	9.49E-09	2.29E-07	5.06E-08	6.90E-08	1.10E-07	1.93E-08	1.04E-07	5.91E-07
5967	483119.3	3856661	8.49E-04	8.69E-04	8.20E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.77E-07	2.18E-07	2.05E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.08E-07	6.11E-07
5968	483118.3	3856568.5	8.80E-04	9.01E-04	8.50E-04	3.04E-07	9.19E-07	5.32E-07	5.45E-07	4.94E-07	2.25E-07	2.13E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.07E-08	1.12E-07	6.34E-07
5969	483117.3	3856476	9.15E-04	9.37E-04	8.84E-04	3.17E-07	9.56E-07	5.54E-07	5.67E-07	5.14E-07	2.35E-07	2.21E-07	1.06E-08	2.55E-07	5.64E-08	7.70E-08	1.22E-07	2.15E-08	1.16E-07	6.59E-07
5970	483116.2	3856383.5	9.53E-04	9.77E-04	9.21E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.44E-07	2.31E-07	1.10E-08	2.66E-07	5.87E-08	8.02E-08	1.27E-07	2.24E-08	1.21E-07	6.87E-07
5971	483115.2	3856291	9.95E-04	1.02E-03	9.61E-04	3.44E-07	1.04E-06	6.02E-07	6.16E-07	5.59E-07	2.55E-07	2.41E-07	1.15E-08	2.78E-07	6.13E-08	8.37E-08	1.33E-07	2.34E-08	1.26E-07	7.17E-07
5972	483114.2	3856198.5	1.04E-03	1.07E-03	1.01E-03	3.60E-07	1.09E-06	6.30E-07	6.45E-07	5.85E-07	2.67E-07	2.52E-07	1.20E-08	2.91E-07	6.41E-08	8.75E-08	1.39E-07	2.45E-08	1.32E-07	7.50E-07
5973	483113.2	3856106	1.10E-03	1.12E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.80E-07	6.17E-07	2.81E-07	2.65E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.58E-08	1.39E-07	7.91E-07
5974	483112.2	3856013.5	1.16E-03	1.19E-03	1.12E-03	4.02E-07	1.21E-06	7.03E-07	7.20E-07	6.53E-07	2.98E-07	2.81E-07	1.34E-08	3.24E-07	7.16E-08	9.77E-08	1.55E-07	2.73E-08	1.47E-07	8.37E-07
5975	483029.3	3855920.5	1.18E-03	1.20E-03	1.14E-03	4.07E-07	1.23E-06	7.12E-07	7.29E-07	6.61E-07	3.02E-07	2.84E-07	1.36E-08	3.28E-07	7.25E-08	9.90E-08	1.57E-07	2.77E-08	1.49E-07	8.47E-07
5976	482947.4	3855919.9	1.12E-03	1.15E-03	1.08E-03	3.88E-07	1.17E-06	6.79E-07	6.95E-07	6.30E-07	2.88E-07	2.71E-07	1.30E-08	3.13E-07	6.91E-08	9.44E-08	1.50E-07	2.64E-08	1.42E-07	8.08E-07
5977	482865.5	3855919.4	1.07E-03	1.10E-03	1.04E-03	3.71E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.75E-07	2.59E-07	1.24E-08	3.00E-07	6.61E-08	9.03E-08	1.43E-07	2.52E-08	1.36E-07	7.73E-07
5978	482783.6	3855918.8	1.03E-03	1.06E-03	9.97E-04	3.57E-07	1.08E-06	6.24E-07	6.39E-07	5.80E-07	2.64E-07	2.49E-07	1.19E-08	2.88E-07	6.36E-08	8.68E-08	1.38E-07	2.43E-08	1.31E-07	7.43E-07
5979	482700.3	3855818.4	1.04E-03	1.07E-03	1.01E-03	3.61E-07	1.09E-06	6.30E-07	6.46E-07	5.85E-07	2.67E-07	2.52E-07	1.20E-08	2.91E-07	6.42E-08	8.77E-08	1.39E-07	2.45E-08	1.32E-07	7.51E-07
5980	482698.9	3855718.5	1.10E-03	1.13E-03	1.07E-03	3.82E-07	1.15E-06	6.67E-07	6.83E-07	6.19E-07	2.83E-07	2.67E-07	1.27E-08	3.08E-07	6.79E-08	9.28E-08	1.47E-07	2.59E-08	1.40E-07	7.94E-07
5981	482697.5	3855618.7	1.17E-03	1.20E-03	1.13E-03	4.05E-07	1.22E-06	7.08E-07	7.25E-07	6.57E-07	3.00E-07	2.83E-07	1.35E-08	3.27E-07	7.21E-08	9.85E-08	1.56E-07	2.75E-08	1.49E-07	8.43E-07
5982	482696.1	3855518.8	1.25E-03	1.28E-03	1.21E-03	4.34E-07	1.31E-06	7.58E-07	7.77E-07	7.04E-07	3.21E-07	3.03E-07	1.45E-08	3.50E-07	7.72E-08	1.05E-07	1.67E-07	2.95E-08	1.59E-07	9.03E-07
5983	482694.7	3855419	1.35E-03	1.38E-03	1.30E-03	4.66E-07	1.41E-06	8.14E-07	8.34E-07	7.56E-07	3.45E-07	3.25E-07	1.56E-08	3.76E-07	8.29E-08	1.13E-07	1.80E-07	3.17E-08	1.71E-07	9.70E-07
5984	482693.3	3855319.1	1.46E-03	1.49E-03	1.41E-03	5.04E-07	1.52E-06	8.81E-07	9.03E-07	8.18E-07	3.73E-07	3.52E-07	1.68E-08	4.07E-07	8.98E-08	1.23E-07	1.94E-07	3.43E-08	1.85E-07	1.05E-06
5985	482691.9	3855219.3	1.59E-03	1.63E-03	1.54E-03	5.50E-07	1.66E-06	9.62E-07	9.85E-07	8.93E-07	4.07E-07	3.84E-07	1.84E-08	4.44E-07	9.79E-08	1.34E-07	2.12E-07	3.74E-08	2.02E-07	1.15E-06

5986	482690.5	3855119.4	1.75E-03	1.79E-03	1.69E-03	6.05E-07	1.83E-06	1.06E-06	1.08E-06	9.83E-07	4.48E-07	4.23E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.11E-08	2.22E-07	1.26E-06
5987	482689.1	3855019.6	1.96E-03	2.00E-03	1.89E-03	6.77E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	5.01E-07	4.73E-07	2.26E-08	5.46E-07	1.20E-07	1.65E-07	2.61E-07	4.60E-08	2.48E-07	1.41E-06
5988	482687.7	3854919.7	2.20E-03	2.26E-03	2.13E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.64E-07	5.32E-07	2.55E-08	6.15E-07	1.36E-07	1.85E-07	2.94E-07	5.18E-08	2.79E-07	1.59E-06
5989	482686.3	3854819.9	2.52E-03	2.58E-03	2.44E-03	8.73E-07	2.63E-06	1.53E-06	1.56E-06	1.42E-06	6.46E-07	6.10E-07	2.91E-08	7.04E-07	1.55E-07	2.12E-07	3.36E-07	5.93E-08	3.20E-07	1.82E-06
5990	482684.9	3854720	2.90E-03	2.97E-03	2.80E-03	1.00E-06	3.03E-06	1.75E-06	1.80E-06	1.63E-06	7.43E-07	7.01E-07	3.35E-08	8.10E-07	1.79E-07	2.44E-07	3.87E-07	6.82E-08	3.68E-07	2.09E-06
5991	482683.5	3854620.2	3.38E-03	3.46E-03	3.26E-03	1.17E-06	3.53E-06	2.04E-06	2.09E-06	1.90E-06	8.66E-07	8.17E-07	3.91E-08	9.43E-07	2.08E-07	2.84E-07	4.51E-07	7.95E-08	4.29E-07	2.43E-06
5992	482682.1	3854520.3	3.91E-03	4.00E-03	3.78E-03	1.35E-06	4.09E-06	2.37E-06	2.42E-06	2.20E-06	1.00E-06	9.45E-07	4.52E-08	1.09E-06	2.41E-07	3.29E-07	5.22E-07	9.20E-08	4.96E-07	2.82E-06
5993	482680.7	3854420.5	4.48E-03	4.59E-03	4.33E-03	1.55E-06	4.68E-06	2.71E-06	2.78E-06	2.52E-06	1.15E-06	1.08E-06	5.18E-08	1.25E-06	2.76E-07	3.77E-07	5.98E-07	1.05E-07	5.69E-07	3.23E-06
5994	482679.3	3854320.6	4.99E-03	5.11E-03	4.82E-03	1.73E-06	5.21E-06	3.02E-06	3.09E-06	2.80E-06	1.28E-06	1.21E-06	5.76E-08	1.39E-06	3.07E-07	4.19E-07	6.65E-07	1.17E-07	6.33E-07	3.59E-06
5995	482677.9	3854220.8	5.36E-03	5.49E-03	5.18E-03	1.86E-06	5.61E-06	3.25E-06	3.32E-06	3.01E-06	1.37E-06	1.30E-06	6.20E-08	1.50E-06	3.30E-07	4.51E-07	7.16E-07	1.26E-07	6.81E-07	3.86E-06
5996	482676.5	3854120.9	5.53E-03	5.67E-03	5.35E-03	1.92E-06	5.78E-06	3.35E-06	3.43E-06	3.11E-06	1.42E-06	1.34E-06	6.40E-08	1.54E-06	3.41E-07	4.66E-07	7.39E-07	1.30E-07	7.02E-07	3.99E-06
5997	482675	3854021	5.75E-03	5.89E-03	5.55E-03	1.99E-06	6.01E-06	3.48E-06	3.56E-06	3.23E-06	1.47E-06	1.39E-06	6.64E-08	1.60E-06	3.54E-07	4.84E-07	7.67E-07	1.35E-07	7.29E-07	4.14E-06
5998	482673.6	3853921.2	5.96E-03	6.11E-03	5.76E-03	2.06E-06	6.23E-06	3.61E-06	3.70E-06	3.35E-06	1.53E-06	1.44E-06	6.89E-08	1.67E-06	3.67E-07	5.02E-07	7.96E-07	1.40E-07	7.57E-07	4.30E-06
5999	482672.2	3853821.3	6.34E-03	6.50E-03	6.13E-03	2.20E-06	6.63E-06	3.84E-06	3.93E-06	3.56E-06	1.63E-06	1.53E-06	7.33E-08	1.77E-06	3.91E-07	5.34E-07	8.47E-07	1.49E-07	8.05E-07	4.57E-06
6000	482670.8	3853721.5	6.77E-03	6.94E-03	6.54E-03	2.35E-06	7.08E-06	4.10E-06	4.20E-06	3.81E-06	1.74E-06	1.64E-06	7.83E-08	1.89E-06	4.17E-07	5.70E-07	9.04E-07	1.59E-07	8.60E-07	4.88E-06
6001	482669.4	3853621.6	7.31E-03	7.49E-03	7.06E-03	2.53E-06	7.64E-06	4.42E-06	4.53E-06	4.11E-06	1.87E-06	1.77E-06	8.45E-08	2.04E-06	4.50E-07	6.15E-07	9.76E-07	1.72E-07	9.28E-07	5.27E-06
6002	482646	3853446.1	8.33E-03	8.53E-03	8.04E-03	2.88E-06	8.70E-06	5.04E-06	5.16E-06	4.68E-06	2.13E-06	2.01E-06	9.62E-08	2.32E-06	5.13E-07	7.01E-07	1.11E-06	1.96E-07	1.06E-06	6.00E-06
6003	482624	3853370.5	8.42E-03	8.63E-03	8.14E-03	2.92E-06	8.81E-06	5.10E-06	5.22E-06	4.73E-06	2.16E-06	2.04E-06	9.74E-08	2.35E-06	5.19E-07	7.09E-07	1.12E-06	1.98E-07	1.07E-06	6.07E-06
6004	482601.9	3853294.8	8.82E-03	9.04E-03	8.52E-03	3.05E-06	9.22E-06	5.34E-06	5.47E-06	4.96E-06	2.26E-06	2.13E-06	1.02E-07	2.46E-06	5.44E-07	7.42E-07	1.18E-06	2.08E-07	1.12E-06	6.36E-06
6005	482531.3	3853133.4	1.01E-02	1.04E-02	9.80E-03	3.51E-06	1.06E-05	6.14E-06	6.29E-06	5.70E-06	2.60E-06	2.45E-06	1.17E-07	2.83E-06	6.25E-07	8.53E-07	1.35E-06	2.39E-07	1.29E-06	7.31E-06
6006	482482.7	3853047.7	1.09E-02	1.12E-02	1.05E-02	3.77E-06	1.14E-05	6.60E-06	6.76E-06	6.13E-06	2.80E-06	2.64E-06	1.26E-07	3.04E-06	6.72E-07	9.17E-07	1.46E-06	2.57E-07	1.38E-06	7.86E-06
6007	482383.1	3852897.4	1.61E-02	1.65E-02	1.56E-02	5.58E-06	1.68E-05	9.75E-06	9.98E-06	9.05E-06	4.13E-06	3.90E-06	1.86E-07	4.50E-06	9.93E-07	1.36E-06	2.15E-06	3.79E-07	2.04E-06	1.16E-05
6008	482265.6	3852765.3	1.82E-02	1.86E-02	1.76E-02	6.29E-06	1.90E-05	1.10E-05	1.13E-05	1.02E-05	4.66E-06	4.40E-06	2.10E-07	5.08E-06	1.12E-06	1.53E-06	2.43E-06	4.28E-07	2.31E-06	1.31E-05
6009	482199.2	3852697.7	1.80E-02	1.84E-02	1.74E-02	6.23E-06	1.88E-05	1.09E-05	1.12E-05	1.01E-05	4.62E-06	4.35E-06	2.08E-07	5.03E-06	1.11E-06	1.52E-06	2.40E-06	4.24E-07	2.29E-06	1.30E-05
6010	482132.7	3852630.1	1.77E-02	1.81E-02	1.71E-02	6.12E-06	1.85E-05	1.07E-05	1.10E-05	9.93E-06	4.53E-06	4.27E-06	2.04E-07	4.94E-06	1.09E-06	1.49E-06	2.36E-06	4.16E-07	2.24E-06	1.27E-05
6011	482066.2	3852562.5	1.75E-02	1.79E-02	1.69E-02	6.06E-06	1.83E-05	1.06E-05	1.09E-05	9.84E-06	4.49E-06	4.23E-06	2.02E-07	4.89E-06	1.08E-06	1.47E-06	2.34E-06	4.12E-07	2.22E-06	1.26E-05
6012	481999.7	3852494.9	1.72E-02	1.76E-02	1.66E-02	5.95E-06	1.80E-05	1.04E-05	1.07E-05	9.66E-06	4.41E-06	4.16E-06	1.99E-07	4.80E-06	1.06E-06	1.45E-06	2.30E-06	4.05E-07	2.18E-06	1.24E-05
6013	481933.3	3852427.3	1.67E-02	1.71E-02	1.61E-02	5.78E-06	1.75E-05	1.01E-05	1.04E-05	9.38E-06	4.28E-06	4.04E-06	1.93E-07	4.66E-06	1.03E-06	1.41E-06	2.23E-06	3.93E-07	2.12E-06	1.20E-05
6014	481866.8	3852359.7	1.66E-02	1.70E-02	1.60E-02	5.75E-06	1.74E-05	1.00E-05	1.03E-05	9.33E-06	4.26E-06	4.01E-06	1.92E-07	4.64E-06	1.02E-06	1.40E-06	2.22E-06	3.91E-07	2.11E-06	1.20E-05
6015	481800.3	3852292.1	1.62E-02	1.66E-02	1.56E-02	5.60E-06	1.69E-05	9.79E-06	1.00E-05	9.09E-06	4.15E-06	3.91E-06	1.87E-07	4.52E-06	9.97E-07	1.36E-06	2.16E-06	3.80E-07	2.05E-06	1.17E-05
6016	481733.8	3852224.5	1.59E-02	1.63E-02	1.53E-02	5.50E-06	1.66E-05	9.61E-06	9.84E-06	8.92E-06	4.07E-06	3.84E-06	1.84E-07	4.43E-06	9.78E-07	1.34E-06	2.12E-06	3.74E-07	2.01E-06	1.14E-05
6017	481667.4	3852156.9	1.59E-02	1.63E-02	1.53E-02	5.49E-06	1.66E-05	9.60E-06	9.83E-06	8.91E-06	4.07E-06	3.84E-06	1.83E-07	4.43E-06	9.78E-07	1.34E-06	2.12E-06	3.73E-07	2.01E-06	1.14E-05
6018	481600.9	3852089.3	1.55E-02	1.59E-02	1.50E-02	5.38E-06	1.62E-05	9.41E-06	9.63E-06	8.73E-06	3.98E-06	3.76E-06	1.80E-07	4.34E-06	9.58E-07	1.31E-06	2.07E-06	3.66E-07	1.97E-06	1.12E-05
6019	481534.4	3852021.7	1.54E-02	1.58E-02	1.49E-02	5.34E-06	1.61E-05	9.34E-06	9.57E-06	8.67E-06	3.96E-06	3.73E-06	1.78E-07	4.31E-06	9.51E-07	1.30E-06	2.06E-06	3.63E-07	1.96E-06	1.11E-05
6020	481467.9	3851954.2	1.53E-02	1.57E-02	1.48E-02	5.31E-06	1.60E-05	9.27E-06	9.50E-06	8.61E-06	3.93E-06	3.71E-06	1.77E-07	4.28E-06	9.44E-07	1.29E-06	2.05E-06	3.61E-07	1.95E-06	1.10E-05
6021	481401.5	3851886.6	1.53E-02	1.57E-02	1.48E-02	5.29E-06	1.60E-05	9.25E-06	9.47E-06	8.59E-06	3.92E-06	3.70E-06	1.77E-07	4.27E-06	9.42E-07	1.29E-06	2.04E-06	3.60E-07	1.94E-06	1.10E-05
6022	481265.9	3851761.4	1.34E-02	1.37E-02	1.30E-02	4.65E-06	1.40E-05	8.12E-06	8.32E-06	7.54E-06	3.44E-06	3.25E-06	1.55E-07	3.75E-06	8.27E-07	1.13E-06	1.79E-06	3.16E-07	1.70E-06	9.67E-06
6023	481196.7	3851703.9	1.26E-02	1.29E-02	1.21E-02	4.35E-06	1.31E-05	7.60E-06	7.78E-06	7.06E-06	3.22E-06	3.04E-06	1.45E-07	3.51E-06	7.74E-07	1.06E-06	1.68E-06	2.95E-07	1.59E-06	9.05E-06
6024	481076.3	3851619	1.22E-02	1.25E-02	1.18E-02	4.23E-06	1.28E-05	7.39E-06	7.57E-06	6.86E-06	3.13E-06	2.95E-06	1.41E-07	3.41E-06	7.52E-07	1.03E-06	1.63E-06	2.87E-07	1.55E-06	8.80E-06
6025	480939.8	3851549.1	1.18E-02	1.21E-02	1.14E-02	4.10E-06	1.24E-05	7.17E-06	7.34E-06	6.65E-06	3.04E-06	2.86E-06	1.37E-07	3.31E-06	7.30E-07	9.96E-07	1.58E-06	2.79E-07	1.50E-06	8.53E-06
6026	480854.6	3851506.4	1.19E-02	1.22E-02	1.15E-02	4.12E-06	1.24E-05	7.20E-06	7.37E-06	6.68E-06	3.05E-06	2.88E-06	1.38E-07	3.32E-06	7.33E-07	1.00E-06	1.59E-06	2.80E-07	1.51E-06	8.57E-06
6027	480769.3	3851463.8	1.20E-02	1.23E-02	1.16E-02	4.17E-06	1.26E-05	7.28E-06	7.46E-06	6.76E-06	3.08E-06	2.91E-06	1.39E-07	3.36E-06	7.41E-07	1.01E-06	1.61E-06	2.83E-07	1.53E-06	8.67E-06
6028	480684.1	3851421.1	1.22E-02	1.25E-02	1.18E-02	4.22E-06	1.27E-05	7.37E-06	7.55E-06	6.84E-06	3.12E-06	2.95E-06	1.41E-07	3.40E-06	7.50E-07	1.02E-06	1.63E-06	2.87E-07	1.55E-06	8.78E-06
6029	480598.8	3851378.4	1.22E-02	1.25E-02	1.18E-02	4.22E-06	1.27E-05	7.37E-06	7.55E-06	6.85E-06	3.12E-06	2.95E-06	1.41E-07	3.40E-06	7.51E-07	1.03E-06	1.63E-06	2.87E-07	1.55E-06	8.78E-06
6030	480435.7	3851275	1.65E-02	1.69E-02	1.59E-02	5.71E-06	1.72E-05	9.98E-06	1.02E-05	9.26E-06	4.23E-06	3.99E-06	1.91E-07	4.60E-06	1.02E-06	1.39E-06	2.20E-06	3.88E-07	2.09E-06	1.19E-05
6031	480347.9	3851232.4	1.63E-02	1.66E-02	1.57E-02	5.63E-06	1.70E-05	9.83E-06	1.01E-05	9.13E-06	4.17E-06	3.93E-06	1.88E-07	4.54E-06	1.00E-06	1.37E-06	2.17E-06	3.82E-07	2.06E-06	1.17E-05
6032	480260	3851189.7	1.60E-02	1.64E-02	1.55E-02	5.55E-06	1.67E-05	9.69E-06	9.93E-06	9.00E-06	4.11E-06	3.87E-06	1.85E-07	4.47E-06	9.87E-07	1.35E-06	2.14E-06	3.77E-07	2.03E-06	1.15E-05
6033	480172.2	3851147.1	1.58E-02	1.62E-02	1.53E-02	5.48E-06	1.65E-05	9.57E-06	9.80E-06	8.89E-06	4.06E-06	3.83E-06	1.83E-07	4.42E-06	9.75E-07	1.33E-06	2.11E-06	3.72E-07	2.01E-06	1.14E-05
6034	480084.3	3851104.4	1.56E-02	1.60E-02	1.51E-02	5.41E-06	1.63E-05	9.46E-06	9.69E-06	8.78E-06	4.01E-06	3.78E-06	1.81E-07	4.36E-06	9.63E-07	1.32E-06	2.09E-06	3.68E-07	1.98E-06	1.13E-05
6035	479996.4	3851061.8	1.55E-02	1.59E-02	1.50E-02	5.36E-06	1.62E-05	9.37E-06	9.60E-06	8.70E-06	3.97E-06	3.74E-06	1.79E-07	4.32E-06	9.54E-07	1.30E-06	2.07E-06	3.64E-07	1.97E-06	1.12E-05
6036	479908.6	3851019.1	1.57E-02	1.61E-02	1.52E-02	5.45E-06	1.64E-05	9.52E-06	9.75E-06	8.84E-06	4.03E-06	3.80E-06	1.82E-07	4.39E-06	9.70E-07	1.32E-06	2.10E-06	3.70E-07	2.00E-06	1.13E-05
6037	479820.7	3850976.5	1.56E-02	1.59E-02	1.50E-02	5.39E-06	1.63E-05	9.42E-06	9.65E-06	8.74E-06	3.99E-06	3.76E-06	1.80E-07	4.35E-06	9.59E-07	1.31E-06	2.08E-06	3.66E-07	1.98E-06	1.12E-05
6038	479732.9	3850933.8	1.54E-02	1.58E-02	1.49E-02	5.34E-06	1.61E-05	9.33E-06	9.56E-06	8.66E-06	3.95E-06	3.73E-06	1.78E-07	4.31E-06	9.50E-07	1.30E-06	2.06E-06	3.63E-07	1.96E-06	1.11E-05
6039	479645	3850891.2	1.54E-02	1.57E-02	1.49E-02	5.32E-06	1.61E-05	9.30E-06	9.53E-06	8.64E-06	3.94E-06	3.72E-06	1.78E-07	4.29E-06	9.47E-07	1.29E-06	2.05E-06	3.62E-07	1.95E-06	1.11E-05
6040	479557.2	3850848.5	1.53E-02	1.56E-02	1.47E-02	5.28E-06	1.59E-05	9.23E-06	9.46E-06	8.57E-06	3.91E-06	3.69E-06	1.76E-07	4.26E-06	9.40E-07	1.28E-06	2.04E-06	3.59E-07	1.94E-06	1.10E-05
6041	479469.3	3850805.9	1.54E-02	1.58E-02	1.49E-02	5.34E-06	1.61E-05	9.33E-06	9.55E-06	8.66E-06	3.95E-06	3.73E-06	1.78E-07	4.30E-06	9.50E-07	1.30E-06	2.06E-06	3.63E-07	1.96E-06	1.11E-05

6042	479381.5	3850763.2	1.53E-02	1.57E-02	1.48E-02	5.29E-06	1.60E-05	9.25E-06	9.47E-06	8.59E-06	3.92E-06	3.70E-06	1.77E-07	4.27E-06	9.42E-07	1.29E-06	2.04E-06	3.60E-07	1.94E-06	1.10E-05
6043	479293.6	3850720.6	1.50E-02	1.54E-02	1.45E-02	5.20E-06	1.57E-05	9.09E-06	9.31E-06	8.44E-06	3.85E-06	3.63E-06	1.74E-07	4.19E-06	9.26E-07	1.26E-06	2.01E-06	3.53E-07	1.91E-06	1.08E-05
6044	479205.8	3850678	1.48E-02	1.52E-02	1.43E-02	5.14E-06	1.55E-05	8.98E-06	9.19E-06	8.33E-06	3.80E-06	3.59E-06	1.71E-07	4.14E-06	9.14E-07	1.25E-06	1.98E-06	3.49E-07	1.88E-06	1.07E-05
6045	479117.9	3850635.3	1.44E-02	1.47E-02	1.39E-02	4.97E-06	1.50E-05	8.69E-06	8.90E-06	8.07E-06	3.68E-06	3.47E-06	1.66E-07	4.01E-06	8.85E-07	1.21E-06	1.92E-06	3.38E-07	1.82E-06	1.03E-05
6046	479030.1	3850592.7	1.40E-02	1.43E-02	1.35E-02	4.83E-06	1.46E-05	8.44E-06	8.65E-06	7.84E-06	3.58E-06	3.37E-06	1.61E-07	3.90E-06	8.60E-07	1.17E-06	1.86E-06	3.28E-07	1.77E-06	1.01E-05
6047	478942.2	3850550	1.42E-02	1.45E-02	1.37E-02	4.91E-06	1.48E-05	8.59E-06	8.80E-06	7.98E-06	3.64E-06	3.43E-06	1.64E-07	3.96E-06	8.75E-07	1.19E-06	1.89E-06	3.34E-07	1.80E-06	1.02E-05
6048	478854.3	3850507.4	1.52E-02	1.55E-02	1.47E-02	5.25E-06	1.59E-05	9.18E-06	9.40E-06	8.52E-06	3.89E-06	3.67E-06	1.75E-07	4.23E-06	9.34E-07	1.28E-06	2.02E-06	3.57E-07	1.92E-06	1.09E-05
6049	478766.5	3850464.7	1.52E-02	1.56E-02	1.47E-02	5.27E-06	1.59E-05	9.21E-06	9.44E-06	8.55E-06	3.90E-06	3.68E-06	1.76E-07	4.25E-06	9.38E-07	1.28E-06	2.03E-06	3.58E-07	1.93E-06	1.10E-05
6050	478678.6	3850422.1	1.52E-02	1.56E-02	1.47E-02	5.26E-06	1.59E-05	9.20E-06	9.42E-06	8.54E-06	3.90E-06	3.68E-06	1.76E-07	4.25E-06	9.37E-07	1.28E-06	2.03E-06	3.58E-07	1.93E-06	1.10E-05
6051	478590.8	3850379.4	1.52E-02	1.56E-02	1.47E-02	5.27E-06	1.59E-05	9.22E-06	9.44E-06	8.56E-06	3.91E-06	3.68E-06	1.76E-07	4.25E-06	9.39E-07	1.28E-06	2.03E-06	3.58E-07	1.93E-06	1.10E-05
6052	478502.9	3850336.8	1.52E-02	1.56E-02	1.47E-02	5.26E-06	1.59E-05	9.20E-06	9.42E-06	8.54E-06	3.90E-06	3.68E-06	1.76E-07	4.24E-06	9.37E-07	1.28E-06	2.03E-06	3.58E-07	1.93E-06	1.10E-05
6053	478415.1	3850294.1	1.51E-02	1.54E-02	1.45E-02	5.21E-06	1.57E-05	9.11E-06	9.33E-06	8.46E-06	3.86E-06	3.64E-06	1.74E-07	4.20E-06	9.28E-07	1.27E-06	2.01E-06	3.54E-07	1.91E-06	1.08E-05
6054	478327.2	3850251.5	1.51E-02	1.55E-02	1.46E-02	5.24E-06	1.58E-05	9.17E-06	9.39E-06	8.51E-06	3.88E-06	3.66E-06	1.75E-07	4.23E-06	9.33E-07	1.27E-06	2.02E-06	3.56E-07	1.92E-06	1.09E-05
6055	478239.4	3850208.8	1.52E-02	1.55E-02	1.47E-02	5.25E-06	1.59E-05	9.18E-06	9.40E-06	8.52E-06	3.89E-06	3.67E-06	1.75E-07	4.23E-06	9.34E-07	1.28E-06	2.02E-06	3.57E-07	1.92E-06	1.09E-05
6056	478151.5	3850166.2	1.51E-02	1.55E-02	1.46E-02	5.24E-06	1.58E-05	9.16E-06	9.38E-06	8.51E-06	3.88E-06	3.66E-06	1.75E-07	4.23E-06	9.33E-07	1.27E-06	2.02E-06	3.56E-07	1.92E-06	1.09E-05
6057	478063.7	3850123.5	1.51E-02	1.54E-02	1.46E-02	5.22E-06	1.58E-05	9.12E-06	9.34E-06	8.47E-06	3.86E-06	3.65E-06	1.74E-07	4.21E-06	9.29E-07	1.27E-06	2.01E-06	3.55E-07	1.91E-06	1.09E-05
6058	477975.8	3850080.9	1.47E-02	1.51E-02	1.42E-02	5.09E-06	1.54E-05	8.90E-06	9.12E-06	8.27E-06	3.77E-06	3.56E-06	1.70E-07	4.11E-06	9.07E-07	1.24E-06	1.96E-06	3.46E-07	1.87E-06	1.06E-05
6059	477888	3850038.2	1.46E-02	1.50E-02	1.41E-02	5.07E-06	1.53E-05	8.86E-06	9.07E-06	8.23E-06	3.75E-06	3.54E-06	1.69E-07	4.09E-06	9.02E-07	1.23E-06	1.95E-06	3.44E-07	1.86E-06	1.05E-05
6060	477800.1	3849995.6	1.44E-02	1.48E-02	1.39E-02	4.99E-06	1.51E-05	8.73E-06	8.94E-06	8.10E-06	3.70E-06	3.49E-06	1.67E-07	4.03E-06	8.89E-07	1.21E-06	1.93E-06	3.39E-07	1.83E-06	1.04E-05
6061	477712.2	3849952.9	1.45E-02	1.48E-02	1.40E-02	5.01E-06	1.51E-05	8.76E-06	8.97E-06	8.14E-06	3.71E-06	3.50E-06	1.67E-07	4.04E-06	8.92E-07	1.22E-06	1.93E-06	3.41E-07	1.84E-06	1.04E-05
6062	477624.4	3849910.3	1.45E-02	1.48E-02	1.40E-02	5.01E-06	1.51E-05	8.76E-06	8.97E-06	8.13E-06	3.71E-06	3.50E-06	1.67E-07	4.04E-06	8.92E-07	1.22E-06	1.93E-06	3.40E-07	1.84E-06	1.04E-05
6063	477536.5	3849867.6	1.43E-02	1.46E-02	1.38E-02	4.94E-06	1.49E-05	8.64E-06	8.84E-06	8.02E-06	3.66E-06	3.45E-06	1.65E-07	3.98E-06	8.79E-07	1.20E-06	1.90E-06	3.36E-07	1.81E-06	1.03E-05
6064	477448.7	3849825	1.42E-02	1.46E-02	1.37E-02	4.92E-06	1.49E-05	8.60E-06	8.81E-06	7.99E-06	3.64E-06	3.44E-06	1.64E-07	3.97E-06	8.76E-07	1.20E-06	1.90E-06	3.34E-07	1.80E-06	1.02E-05
6065	477360.8	3849782.4	1.41E-02	1.44E-02	1.36E-02	4.88E-06	1.47E-05	8.52E-06	8.73E-06	7.91E-06	3.61E-06	3.41E-06	1.63E-07	3.93E-06	8.68E-07	1.19E-06	1.88E-06	3.31E-07	1.79E-06	1.01E-05
6066	477273	3849739.7	1.39E-02	1.42E-02	1.34E-02	4.80E-06	1.45E-05	8.40E-06	8.60E-06	7.80E-06	3.56E-06	3.36E-06	1.60E-07	3.87E-06	8.55E-07	1.17E-06	1.85E-06	3.26E-07	1.76E-06	1.00E-05
6067	477185.1	3849697.1	1.38E-02	1.42E-02	1.34E-02	4.78E-06	1.44E-05	8.36E-06	8.57E-06	7.76E-06	3.54E-06	3.34E-06	1.60E-07	3.86E-06	8.52E-07	1.16E-06	1.84E-06	3.25E-07	1.75E-06	9.96E-06
6068	477097.3	3849654.4	1.40E-02	1.43E-02	1.35E-02	4.84E-06	1.46E-05	8.46E-06	8.67E-06	7.86E-06	3.59E-06	3.38E-06	1.62E-07	3.91E-06	8.62E-07	1.18E-06	1.87E-06	3.29E-07	1.77E-06	1.01E-05
6069	477009.4	3849611.8	1.44E-02	1.48E-02	1.39E-02	5.00E-06	1.51E-05	8.73E-06	8.95E-06	8.11E-06	3.70E-06	3.49E-06	1.67E-07	4.03E-06	8.89E-07	1.21E-06	1.93E-06	3.40E-07	1.83E-06	1.04E-05
6070	476841.5	3849530.1	1.46E-02	1.49E-02	1.41E-02	5.04E-06	1.52E-05	8.81E-06	9.02E-06	8.18E-06	3.73E-06	3.52E-06	1.68E-07	4.06E-06	8.97E-07	1.22E-06	1.94E-06	3.42E-07	1.85E-06	1.05E-05
6071	476761.4	3849491.1	1.45E-02	1.49E-02	1.41E-02	5.03E-06	1.52E-05	8.80E-06	9.01E-06	8.17E-06	3.73E-06	3.52E-06	1.68E-07	4.06E-06	8.96E-07	1.22E-06	1.94E-06	3.42E-07	1.85E-06	1.05E-05
6072	476681.3	3849452	1.49E-02	1.53E-02	1.44E-02	5.16E-06	1.56E-05	9.02E-06	9.24E-06	8.38E-06	3.82E-06	3.61E-06	1.72E-07	4.16E-06	9.19E-07	1.25E-06	1.99E-06	3.51E-07	1.89E-06	1.07E-05
6073	476601.3	3849413	1.57E-02	1.60E-02	1.51E-02	5.42E-06	1.64E-05	9.47E-06	9.70E-06	8.80E-06	4.01E-06	3.79E-06	1.81E-07	4.37E-06	9.65E-07	1.32E-06	2.09E-06	3.68E-07	1.99E-06	1.13E-05
6074	476456.3	3849353.7	1.80E-02	1.85E-02	1.74E-02	6.24E-06	1.88E-05	1.09E-05	1.12E-05	1.01E-05	4.62E-06	4.36E-06	2.08E-07	5.03E-06	1.11E-06	1.52E-06	2.41E-06	4.24E-07	2.29E-06	1.30E-05
6075	476305.4	3849318.8	1.72E-02	1.76E-02	1.66E-02	5.96E-06	1.80E-05	1.04E-05	1.07E-05	9.68E-06	4.42E-06	4.16E-06	1.99E-07	4.81E-06	1.06E-06	1.45E-06	2.30E-06	4.05E-07	2.19E-06	1.24E-05
6076	476129.4	3849290	1.56E-02	1.60E-02	1.51E-02	5.41E-06	1.63E-05	9.46E-06	9.69E-06	8.78E-06	4.01E-06	3.78E-06	1.81E-07	4.37E-06	9.63E-07	1.32E-06	2.09E-06	3.68E-07	1.98E-06	1.13E-05
6077	476039.3	3849275.7	1.51E-02	1.54E-02	1.46E-02	5.22E-06	1.58E-05	9.12E-06	9.34E-06	8.47E-06	3.87E-06	3.65E-06	1.74E-07	4.21E-06	9.29E-07	1.27E-06	2.01E-06	3.55E-07	1.91E-06	1.09E-05
6078	475949.3	3849261.4	1.53E-02	1.57E-02	1.48E-02	5.29E-06	1.60E-05	9.25E-06	9.47E-06	8.58E-06	3.92E-06	3.69E-06	1.77E-07	4.27E-06	9.42E-07	1.29E-06	2.04E-06	3.59E-07	1.94E-06	1.10E-05
6079	475859.2	3849247.1	1.45E-02	1.48E-02	1.40E-02	5.01E-06	1.51E-05	8.76E-06	8.97E-06	8.13E-06	3.71E-06	3.50E-06	1.67E-07	4.04E-06	8.92E-07	1.22E-06	1.93E-06	3.41E-07	1.84E-06	1.04E-05
6080	475769.2	3849232.8	1.39E-02	1.42E-02	1.34E-02	4.80E-06	1.45E-05	8.40E-06	8.60E-06	7.80E-06	3.56E-06	3.36E-06	1.60E-07	3.88E-06	8.55E-07	1.17E-06	1.85E-06	3.26E-07	1.76E-06	1.00E-05
6081	475585.2	3849219.3	8.08E-03	8.28E-03	7.81E-03	2.80E-06	8.45E-06	4.89E-06	5.01E-06	4.54E-06	2.07E-06	1.95E-06	9.34E-08	2.26E-06	4.98E-07	6.80E-07	1.08E-06	1.90E-07	1.03E-06	5.82E-06
6082	475444.5	3849150.3	1.59E-02	1.63E-02	1.54E-02	5.52E-06	1.67E-05	9.65E-06	9.88E-06	8.96E-06	4.09E-06	3.86E-06	1.84E-07	4.45E-06	9.83E-07	1.34E-06	2.13E-06	3.75E-07	2.02E-06	1.15E-05
6083	475334.2	3849118.7	1.33E-02	1.36E-02	1.28E-02	4.59E-06	1.39E-05	8.03E-06	8.23E-06	7.46E-06	3.40E-06	3.21E-06	1.53E-07	3.71E-06	8.18E-07	1.12E-06	1.77E-06	3.12E-07	1.68E-06	9.56E-06
6084	475230.5	3849060.6	1.56E-02	1.60E-02	1.51E-02	5.40E-06	1.63E-05	9.45E-06	9.68E-06	8.77E-06	4.00E-06	3.77E-06	1.80E-07	4.36E-06	9.62E-07	1.31E-06	2.08E-06	3.67E-07	1.98E-06	1.12E-05
6085	475110.9	3848961	1.80E-02	1.84E-02	1.74E-02	6.23E-06	1.88E-05	1.09E-05	1.12E-05	1.01E-05	4.62E-06	4.36E-06	2.08E-07	5.03E-06	1.11E-06	1.52E-06	2.40E-06	4.24E-07	2.29E-06	1.30E-05
6086	475037.8	3848896.3	1.89E-02	1.93E-02	1.82E-02	6.54E-06	1.97E-05	1.14E-05	1.17E-05	1.06E-05	4.84E-06	4.57E-06	2.18E-07	5.27E-06	1.16E-06	1.59E-06	2.52E-06	4.44E-07	2.40E-06	1.36E-05
6087	474964.7	3848831.6	1.97E-02	2.01E-02	1.90E-02	6.81E-06	2.06E-05	1.19E-05	1.22E-05	1.10E-05	5.04E-06	4.75E-06	2.27E-07	5.49E-06	1.21E-06	1.65E-06	2.62E-06	4.63E-07	2.49E-06	1.42E-05
6088	474891.7	3848766.9	2.01E-02	2.06E-02	1.95E-02	6.97E-06	2.10E-05	1.22E-05	1.25E-05	1.13E-05	5.16E-06	4.87E-06	2.33E-07	5.62E-06	1.24E-06	1.69E-06	2.69E-06	4.74E-07	2.55E-06	1.45E-05
6089	474818.6	3848702.2	2.09E-02	2.14E-02	2.02E-02	7.25E-06	2.19E-05	1.27E-05	1.30E-05	1.18E-05	5.37E-06	5.06E-06	2.42E-07	5.85E-06	1.29E-06	1.76E-06	2.79E-06	4.93E-07	2.66E-06	1.51E-05
6090	474745.5	3848637.5	2.02E-02	2.07E-02	1.95E-02	7.00E-06	2.11E-05	1.22E-05	1.25E-05	1.14E-05	5.18E-06	4.89E-06	2.34E-07	5.65E-06	1.25E-06	1.70E-06	2.70E-06	4.76E-07	2.57E-06	1.46E-05
6091	474672.4	3848572.8	2.07E-02	2.12E-02	2.00E-02	7.17E-06	2.17E-05	1.25E-05	1.28E-05	1.16E-05	5.31E-06	5.01E-06	2.39E-07	5.78E-06	1.28E-06	1.74E-06	2.77E-06	4.87E-07	2.63E-06	1.49E-05
6092	474599.4	3848508.2	2.20E-02	2.25E-02	2.13E-02	7.62E-06	2.30E-05	1.33E-05	1.36E-05	1.24E-05	5.64E-06	5.32E-06	2.54E-07	6.15E-06	1.36E-06	1.85E-06	2.94E-06	5.18E-07	2.79E-06	1.59E-05
6093	474526.3	3848443.5	2.27E-02	2.32E-02	2.19E-02	7.85E-06	2.37E-05	1.37E-05	1.40E-05	1.27E-05	5.81E-06	5.48E-06	2.62E-07	6.33E-06	1.40E-06	1.91E-06	3.03E-06	5.33E-07	2.88E-06	1.63E-05

Mainline - With Project (Burden)

						Residential Dose							Risk by Age Group							
			2028	2033	2048															
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70 (2033)	16<70 (2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70 (2033)	16<70 (2048)	Total Risk
1	485973.61	3854936.51	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.55E-07	5.93E-07	2.71E-07	2.67E-07	1.28E-08	3.10E-07	6.83E-08	8.89E-08	1.41E-07	2.48E-08	1.40E-07	7.86E-07
2	486023.61	3854936.51	1.07E-03	1.05E-03	1.03E-03	3.71E-07	1.12E-06	6.49E-07	6.33E-07	5.74E-07	2.62E-07	2.58E-07	1.24E-08	2.99E-07	6.61E-08	8.59E-08	1.36E-07	2.40E-08	1.36E-07	7.60E-07
3	486073.61	3854936.51	1.04E-03	1.02E-03	1.00E-03	3.61E-07	1.09E-06	6.31E-07	6.15E-07	5.58E-07	2.55E-07	2.51E-07	1.20E-08	2.91E-07	6.42E-08	8.35E-08	1.33E-07	2.34E-08	1.32E-07	7.38E-07
4	486123.61	3854936.51	1.00E-03	9.79E-04	9.66E-04	3.47E-07	1.05E-06	6.07E-07	5.92E-07	5.37E-07	2.45E-07	2.42E-07	1.16E-08	2.80E-07	6.18E-08	8.04E-08	1.28E-07	2.25E-08	1.27E-07	7.11E-07
5	486173.61	3854936.51	9.83E-04	9.59E-04	9.46E-04	3.40E-07	1.03E-06	5.95E-07	5.80E-07	5.26E-07	2.40E-07	2.37E-07	1.14E-08	2.74E-07	6.06E-08	7.88E-08	1.25E-07	2.20E-08	1.24E-07	6.96E-07
6	486223.61	3854936.51	9.54E-04	9.31E-04	9.19E-04	3.30E-07	9.97E-07	5.77E-07	5.63E-07	5.11E-07	2.33E-07	2.30E-07	1.10E-08	2.66E-07	5.88E-08	7.65E-08	1.21E-07	2.14E-08	1.21E-07	6.76E-07
7	486273.61	3854936.51	9.30E-04	9.08E-04	8.96E-04	3.22E-07	9.72E-07	5.63E-07	5.49E-07	4.98E-07	2.27E-07	2.24E-07	1.08E-08	2.60E-07	5.73E-08	7.46E-08	1.18E-07	2.08E-08	1.18E-07	6.59E-07
8	486323.61	3854936.51	9.09E-04	8.87E-04	8.75E-04	3.15E-07	9.50E-07	5.50E-07	5.36E-07	4.86E-07	2.22E-07	2.19E-07	1.05E-08	2.54E-07	5.60E-08	7.28E-08	1.16E-07	2.04E-08	1.15E-07	6.44E-07
9	485973.61	3854986.51	1.15E-03	1.12E-03	1.11E-03	3.98E-07	1.20E-06	6.95E-07	6.78E-07	6.15E-07	2.81E-07	2.77E-07	1.33E-08	3.21E-07	7.08E-08	9.21E-08	1.46E-07	2.57E-08	1.45E-07	8.14E-07
10	486023.61	3854986.51	1.11E-03	1.09E-03	1.07E-03	3.85E-07	1.16E-06	6.73E-07	6.57E-07	5.96E-07	2.72E-07	2.68E-07	1.29E-08	3.11E-07	6.86E-08	8.92E-08	1.42E-07	2.49E-08	1.41E-07	7.88E-07
11	486073.61	3854986.51	1.08E-03	1.05E-03	1.04E-03	3.72E-07	1.12E-06	6.51E-07	6.35E-07	5.76E-07	2.63E-07	2.59E-07	1.24E-08	3.00E-07	6.63E-08	8.62E-08	1.37E-07	2.41E-08	1.36E-07	7.62E-07
12	486123.61	3854986.51	1.04E-03	1.02E-03	1.00E-03	3.61E-07	1.09E-06	6.30E-07	6.15E-07	5.58E-07	2.54E-07	2.51E-07	1.20E-08	2.91E-07	6.42E-08	8.35E-08	1.32E-07	2.33E-08	1.32E-07	7.38E-07
13	486173.61	3854986.51	1.02E-03	9.91E-04	9.78E-04	3.52E-07	1.06E-06	6.15E-07	6.00E-07	5.44E-07	2.48E-07	2.45E-07	1.17E-08	2.84E-07	6.26E-08	8.14E-08	1.29E-07	2.28E-08	1.28E-07	7.20E-07
14	486223.61	3854986.51	9.85E-04	9.61E-04	9.48E-04	3.41E-07	1.03E-06	5.96E-07	5.82E-07	5.27E-07	2.41E-07	2.37E-07	1.14E-08	2.75E-07	6.07E-08	7.90E-08	1.25E-07	2.21E-08	1.25E-07	6.98E-07
15	486273.61	3854986.51	9.54E-04	9.31E-04	9.18E-04	3.30E-07	9.97E-07	5.77E-07	5.63E-07	5.11E-07	2.33E-07	2.30E-07	1.10E-08	2.66E-07	5.88E-08	7.65E-08	1.21E-07	2.14E-08	1.21E-07	6.76E-07
16	486323.61	3854986.51	9.39E-04	9.16E-04	9.04E-04	3.25E-07	9.81E-07	5.68E-07	5.54E-07	5.03E-07	2.29E-07	2.26E-07	1.09E-08	2.62E-07	5.78E-08	7.53E-08	1.19E-07	2.10E-08	1.19E-07	6.65E-07
17	485973.61	3855036.51	1.19E-03	1.16E-03	1.15E-03	4.13E-07	1.25E-06	7.21E-07	7.04E-07	6.38E-07	2.91E-07	2.87E-07	1.38E-08	3.33E-07	7.35E-08	9.56E-08	1.52E-07	2.67E-08	1.51E-07	8.45E-07
18	486023.61	3855036.51	1.15E-03	1.12E-03	1.11E-03	3.99E-07	1.20E-06	6.97E-07	6.80E-07	6.17E-07	2.81E-07	2.78E-07	1.33E-08	3.22E-07	7.10E-08	9.24E-08	1.47E-07	2.58E-08	1.46E-07	8.16E-07
19	486073.61	3855036.51	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.72E-07	6.56E-07	5.94E-07	2.71E-07	2.68E-07	1.28E-08	3.10E-07	6.84E-08	8.90E-08	1.41E-07	2.49E-08	1.40E-07	7.87E-07
20	486123.61	3855036.51	1.07E-03	1.05E-03	1.03E-03	3.72E-07	1.12E-06	6.50E-07	6.34E-07	5.75E-07	2.62E-07	2.59E-07	1.24E-08	3.00E-07	6.62E-08	8.61E-08	1.37E-07	2.41E-08	1.36E-07	7.61E-07
21	486173.61	3855036.51	1.05E-03	1.02E-03	1.01E-03	3.63E-07	1.10E-06	6.34E-07	6.19E-07	5.61E-07	2.56E-07	2.53E-07	1.21E-08	2.93E-07	6.46E-08	8.40E-08	1.33E-07	2.35E-08	1.33E-07	7.43E-07
22	486223.61	3855036.51	1.01E-03	9.88E-04	9.75E-04	3.51E-07	1.06E-06	6.13E-07	5.98E-07	5.42E-07	2.47E-07	2.44E-07	1.17E-08	2.83E-07	6.24E-08	8.12E-08	1.29E-07	2.27E-08	1.28E-07	7.18E-07
23	486273.61	3855036.51	9.91E-04	9.67E-04	9.54E-04	3.43E-07	1.04E-06	5.99E-07	5.85E-07	5.30E-07	2.42E-07	2.39E-07	1.15E-08	2.77E-07	6.10E-08	7.94E-08	1.26E-07	2.22E-08	1.25E-07	7.02E-07
24	486323.61	3855036.51	9.63E-04	9.40E-04	9.27E-04	3.33E-07	1.01E-06	5.83E-07	5.69E-07	5.15E-07	2.35E-07	2.32E-07	1.11E-08	2.69E-07	5.93E-08	7.72E-08	1.22E-07	2.16E-08	1.22E-07	6.82E-07
25	485973.61	3855086.51	1.24E-03	1.21E-03	1.19E-03	4.28E-07	1.29E-06	7.48E-07	7.29E-07	6.61E-07	3.02E-07	2.98E-07	1.43E-08	3.45E-07	7.61E-08	9.90E-08	1.57E-07	2.77E-08	1.56E-07	8.75E-07
26	486023.61	3855086.51	1.20E-03	1.17E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.06E-07	6.40E-07	2.92E-07	2.88E-07	1.38E-08	3.34E-07	7.37E-08	9.59E-08	1.52E-07	2.68E-08	1.51E-07	8.47E-07
27	486073.61	3855086.51	1.15E-03	1.12E-03	1.11E-03	3.98E-07	1.20E-06	6.96E-07	6.79E-07	6.16E-07	2.81E-07	2.77E-07	1.33E-08	3.21E-07	7.09E-08	9.22E-08	1.46E-07	2.58E-08	1.45E-07	8.15E-07
28	486123.61	3855086.51	1.12E-03	1.09E-03	1.07E-03	3.86E-07	1.17E-06	6.76E-07	6.59E-07	5.98E-07	2.73E-07	2.69E-07	1.29E-08	3.12E-07	6.88E-08	8.95E-08	1.42E-07	2.50E-08	1.41E-07	7.91E-07
29	486173.61	3855086.51	1.08E-03	1.05E-03	1.04E-03	3.73E-07	1.13E-06	6.52E-07	6.36E-07	5.77E-07	2.63E-07	2.60E-07	1.25E-08	3.01E-07	6.64E-08	8.64E-08	1.37E-07	2.42E-08	1.36E-07	7.64E-07
30	486223.61	3855086.51	1.05E-03	1.02E-03	1.01E-03	3.63E-07	1.10E-06	6.34E-07	6.19E-07	5.61E-07	2.56E-07	2.53E-07	1.21E-08	2.93E-07	6.46E-08	8.40E-08	1.33E-07	2.35E-08	1.33E-07	7.43E-07
31	485973.61	3855136.51	1.29E-03	1.26E-03	1.24E-03	4.45E-07	1.34E-06	7.78E-07	7.60E-07	6.89E-07	3.14E-07	3.10E-07	1.49E-08	3.59E-07	7.93E-08	1.03E-07	1.64E-07	2.88E-08	1.63E-07	9.12E-07
32	486023.61	3855136.51	1.24E-03	1.21E-03	1.19E-03	4.29E-07	1.30E-06	7.50E-07	7.32E-07	6.63E-07	3.03E-07	2.99E-07	1.43E-08	3.46E-07	7.64E-08	9.94E-08	1.58E-07	2.78E-08	1.57E-07	8.78E-07
33	486073.61	3855136.51	1.19E-03	1.17E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.05E-07	6.40E-07	2.92E-07	2.88E-07	1.38E-08	3.34E-07	7.36E-08	9.58E-08	1.52E-07	2.68E-08	1.51E-07	8.47E-07
34	486123.61	3855136.51	1.16E-03	1.13E-03	1.11E-03	4.00E-07	1.21E-06	6.99E-07	6.82E-07	6.18E-07	2.82E-07	2.78E-07	1.34E-08	3.23E-07	7.12E-08	9.26E-08	1.47E-07	2.59E-08	1.46E-07	8.19E-07
35	486173.61	3855136.51	1.12E-03	1.09E-03	1.08E-03	3.87E-07	1.17E-06	6.76E-07	6.59E-07	5.98E-07	2.73E-07	2.69E-07	1.29E-08	3.12E-07	6.88E-08	8.95E-08	1.42E-07	2.50E-08	1.41E-07	7.91E-07
36	486223.61	3855136.51	1.08E-03	1.06E-03	1.04E-03	3.75E-07	1.13E-06	6.55E-07	6.39E-07	5.79E-07	2.64E-07	2.61E-07	1.25E-08	3.02E-07	6.67E-08	8.67E-08	1.38E-07	2.43E-08	1.37E-07	7.67E-07
37	485973.61	3855186.51	1.34E-03	1.31E-03	1.29E-03	4.64E-07	1.40E-06	8.11E-07	7.91E-07	7.17E-07	3.27E-07	3.23E-07	1.55E-08	3.74E-07	8.26E-08	1.07E-07	1.70E-07	3.00E-08	1.70E-07	9.50E-07
38	486023.61	3855186.51	1.29E-03	1.26E-03	1.24E-03	4.47E-07	1.35E-06	7.81E-07	7.62E-07	6.91E-07	3.15E-07	3.11E-07	1.49E-08	3.61E-07	7.95E-08	1.03E-07	1.64E-07	2.89E-08	1.63E-07	9.15E-07
39	486073.61	3855186.51	1.24E-03	1.21E-03	1.19E-03	4.29E-07	1.30E-06	7.50E-07	7.32E-07	6.63E-07	3.03E-07	2.99E-07	1.43E-08	3.46E-07	7.64E-08	9.93E-08	1.58E-07	2.78E-08	1.57E-07	8.78E-07
40	486123.61	3855186.51	1.19E-03	1.16E-03	1.15E-03	4.12E-07	1.25E-06	7.21E-07	7.04E-07	6.38E-07	2.91E-07	2.87E-07	1.38E-08	3.33E-07	7.34E-08	9.55E-08	1.52E-07	2.67E-08	1.51E-07	8.44E-07
41	486173.61	3855186.51	1.15E-03	1.12E-03	1.11E-03	3.99E-07	1.20E-06	6.97E-07	6.80E-07	6.17E-07	2.81E-07	2.78E-07	1.33E-08	3.22E-07	7.10E-08	9.24E-08	1.47E-07	2.58E-08	1.46E-07	8.16E-07
42	486223.61	3855186.51	1.12E-03	1.09E-03	1.07E-03	3.86E-07	1.17E-06	6.75E-07	6.58E-07	5.97E-07	2.72E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	8.94E-08	1.42E-07	2.50E-08	1.41E-07	7.90E-07
43	486273.61	3855186.51	1.08E-03	1.05E-03	1.04E-03	3.74E-07	1.13E-06	6.53E-07	6.37E-07	5.78E-07	2.64E-07	2.60E-07	1.25E-08	3.01E-07	6.65E-08	8.65E-08	1.37E-07	2.42E-08	1.37E-07	7.65E-07
44	486323.61	3855186.51	1.06E-03	1.04E-03	1.02E-03	3.68E-07	1.11E-06	6.42E-07	6.27E-07	5.68E-07	2.59E-07	2.56E-07	1.23E-08	2.96E-07	6.54E-08	8.51E-08	1.35E-07	2.38E-08	1.34E-07	7.52E-07
45	485973.61	3855236.51	1.40E-03	1.36E-03	1.34E-03	4.83E-07	1.46E-06	8.44E-07	8.24E-07	7.47E-07	3.41E-07	3.36E-07	1.61E-08	3.90E-07	8.60E-08	1.12E-07	1.77E-07	3.13E-08	1.77E-07	9.89E-07
46	486023.61	3855236.51	1.34E-03	1.30E-03	1.29E-03	4.63E-07	1.40E-06	8.09E-07	7.90E-07	7.16E-07	3.27E-07	3.22E-07	1.55E-08	3.73E-07	8.24E-08	1.07E-07	1.70E-07	3.00E-08	1.69E-07	9.48E-07
47	486073.61	3855236.51	1.28E-03	1.25E-03	1.23E-03	4.43E-07	1.34E-06	7.75E-07	7.56E-07	6.85E-07	3.13E-07	3.09E-07	1.48E-08	3.58E-07	7.89E-08	1.03E-07	1.63E-07	2.87E-08	1.62E-07	9.08E-07
48	486123.61	3855236.51	1.23E-03	1.20E-03	1.19E-03	4.27E-07	1.29E-06	7.47E-07	7.29E-07	6.61E-07	3.01E-07	2.97E-07	1.43E-08	3.45E-07	7.60E-08	9.89E-08	1.57E-07	2.77E-08	1.56E-07	8.75E-07

49	486173.61	3855236.51	1.19E-03	1.16E-03	1.15E-03	4.12E-07	1.25E-06	7.21E-07	7.04E-07	6.38E-07	2.91E-07	2.87E-07	1.38E-08	3.33E-07	7.34E-08	9.55E-08	1.52E-07	2.67E-08	1.51E-07	8.44E-07
50	486223.61	3855236.51	1.15E-03	1.12E-03	1.11E-03	3.98E-07	1.20E-06	6.96E-07	6.79E-07	6.16E-07	2.81E-07	2.77E-07	1.33E-08	3.21E-07	7.09E-08	9.22E-08	1.46E-07	2.58E-08	1.45E-07	8.15E-07
51	486273.61	3855236.51	1.10E-03	1.08E-03	1.06E-03	3.82E-07	1.15E-06	6.68E-07	6.52E-07	5.91E-07	2.70E-07	2.66E-07	1.28E-08	3.08E-07	6.81E-08	8.86E-08	1.40E-07	2.48E-08	1.40E-07	7.83E-07
52	486323.61	3855236.51	1.09E-03	1.07E-03	1.05E-03	3.79E-07	1.14E-06	6.62E-07	6.46E-07	5.85E-07	2.67E-07	2.64E-07	1.26E-08	3.05E-07	6.74E-08	8.77E-08	1.39E-07	2.45E-08	1.38E-07	7.75E-07
53	485973.61	3855286.51	1.45E-03	1.42E-03	1.40E-03	5.03E-07	1.52E-06	8.80E-07	8.59E-07	7.78E-07	3.55E-07	3.50E-07	1.68E-08	4.06E-07	8.96E-08	1.17E-07	1.85E-07	3.26E-08	1.84E-07	1.03E-06
54	486023.61	3855286.51	1.39E-03	1.36E-03	1.34E-03	4.81E-07	1.45E-06	8.40E-07	8.20E-07	7.43E-07	3.39E-07	3.35E-07	1.61E-08	3.88E-07	8.56E-08	1.11E-07	1.77E-07	3.11E-08	1.76E-07	9.84E-07
55	486073.61	3855286.51	1.33E-03	1.30E-03	1.28E-03	4.61E-07	1.39E-06	8.05E-07	7.86E-07	7.12E-07	3.25E-07	3.21E-07	1.54E-08	3.72E-07	8.20E-08	1.07E-07	1.69E-07	2.98E-08	1.68E-07	9.43E-07
56	486123.61	3855286.51	1.28E-03	1.25E-03	1.23E-03	4.42E-07	1.33E-06	7.72E-07	7.54E-07	6.83E-07	3.12E-07	3.08E-07	1.48E-08	3.56E-07	7.87E-08	1.02E-07	1.62E-07	2.86E-08	1.61E-07	9.05E-07
57	486173.61	3855286.51	1.23E-03	1.20E-03	1.18E-03	4.25E-07	1.28E-06	7.43E-07	7.25E-07	6.57E-07	3.00E-07	2.96E-07	1.42E-08	3.43E-07	7.57E-08	9.84E-08	1.56E-07	2.75E-08	1.55E-07	8.70E-07
58	486223.61	3855286.51	1.19E-03	1.16E-03	1.14E-03	4.11E-07	1.24E-06	7.19E-07	7.01E-07	6.36E-07	2.90E-07	2.86E-07	1.37E-08	3.32E-07	7.32E-08	9.52E-08	1.51E-07	2.66E-08	1.50E-07	8.42E-07
59	486123.61	3855336.51	1.32E-03	1.29E-03	1.27E-03	4.57E-07	1.38E-06	8.00E-07	7.80E-07	7.07E-07	3.23E-07	3.18E-07	1.53E-08	3.69E-07	8.14E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.36E-07
60	486173.61	3855336.51	1.27E-03	1.24E-03	1.23E-03	4.41E-07	1.33E-06	7.70E-07	7.52E-07	6.81E-07	3.11E-07	3.07E-07	1.47E-08	3.55E-07	7.84E-08	1.02E-07	1.62E-07	2.85E-08	1.61E-07	9.02E-07
61	486223.61	3855336.51	1.23E-03	1.20E-03	1.18E-03	4.25E-07	1.28E-06	7.42E-07	7.24E-07	6.57E-07	3.00E-07	2.96E-07	1.42E-08	3.43E-07	7.56E-08	9.83E-08	1.56E-07	2.75E-08	1.55E-07	8.69E-07
62	486123.61	3855386.51	1.37E-03	1.34E-03	1.32E-03	4.75E-07	1.43E-06	8.30E-07	8.10E-07	7.34E-07	3.35E-07	3.31E-07	1.59E-08	3.83E-07	8.45E-08	1.10E-07	1.74E-07	3.07E-08	1.74E-07	9.72E-07
63	486173.61	3855386.51	1.32E-03	1.29E-03	1.27E-03	4.57E-07	1.38E-06	7.98E-07	7.79E-07	7.06E-07	3.22E-07	3.18E-07	1.52E-08	3.68E-07	8.13E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.35E-07
64	486223.61	3855386.51	1.27E-03	1.24E-03	1.22E-03	4.40E-07	1.33E-06	7.69E-07	7.51E-07	6.81E-07	3.11E-07	3.06E-07	1.47E-08	3.55E-07	7.83E-08	1.02E-07	1.62E-07	2.85E-08	1.61E-07	9.01E-07
65	486533.18	3855443.15	1.09E-03	1.07E-03	1.05E-03	3.78E-07	1.14E-06	6.61E-07	6.45E-07	5.84E-07	2.67E-07	2.63E-07	1.26E-08	3.05E-07	6.73E-08	8.75E-08	1.39E-07	2.45E-08	1.38E-07	7.74E-07
66	486583.18	3855443.15	1.06E-03	1.04E-03	1.02E-03	3.67E-07	1.11E-06	6.42E-07	6.27E-07	5.68E-07	2.59E-07	2.56E-07	1.23E-08	2.96E-07	6.54E-08	8.51E-08	1.35E-07	2.38E-08	1.34E-07	7.52E-07
67	486633.18	3855443.15	1.03E-03	1.01E-03	9.94E-04	3.57E-07	1.08E-06	6.25E-07	6.09E-07	5.52E-07	2.52E-07	2.49E-07	1.19E-08	2.88E-07	6.36E-08	8.27E-08	1.31E-07	2.31E-08	1.31E-07	7.31E-07
68	486683.18	3855443.15	1.01E-03	9.85E-04	9.72E-04	3.49E-07	1.05E-06	6.11E-07	5.96E-07	5.40E-07	2.46E-07	2.43E-07	1.17E-08	2.82E-07	6.22E-08	8.09E-08	1.28E-07	2.26E-08	1.28E-07	7.15E-07
69	486533.18	3855493.15	1.12E-03	1.10E-03	1.08E-03	3.89E-07	1.17E-06	6.80E-07	6.63E-07	6.01E-07	2.74E-07	2.71E-07	1.30E-08	3.14E-07	6.92E-08	9.01E-08	1.43E-07	2.52E-08	1.42E-07	7.96E-07
70	486583.18	3855493.15	1.09E-03	1.07E-03	1.05E-03	3.78E-07	1.14E-06	6.61E-07	6.45E-07	5.85E-07	2.67E-07	2.63E-07	1.26E-08	3.05E-07	6.73E-08	8.76E-08	1.39E-07	2.45E-08	1.38E-07	7.74E-07
71	486633.18	3855493.15	1.06E-03	1.04E-03	1.02E-03	3.68E-07	1.11E-06	6.43E-07	6.27E-07	5.68E-07	2.59E-07	2.56E-07	1.23E-08	2.97E-07	6.54E-08	8.51E-08	1.35E-07	2.38E-08	1.34E-07	7.53E-07
72	486683.18	3855493.15	1.03E-03	1.01E-03	9.95E-04	3.58E-07	1.08E-06	6.26E-07	6.10E-07	5.53E-07	2.52E-07	2.49E-07	1.20E-08	2.89E-07	6.37E-08	8.29E-08	1.31E-07	2.32E-08	1.31E-07	7.33E-07
73	486533.18	3855543.15	1.16E-03	1.13E-03	1.12E-03	4.01E-07	1.21E-06	7.02E-07	6.85E-07	6.21E-07	2.83E-07	2.79E-07	1.34E-08	3.24E-07	7.14E-08	9.30E-08	1.47E-07	2.60E-08	1.47E-07	8.22E-07
74	486583.18	3855543.15	1.12E-03	1.09E-03	1.08E-03	3.88E-07	1.17E-06	6.78E-07	6.62E-07	6.00E-07	2.74E-07	2.70E-07	1.30E-08	3.13E-07	6.91E-08	8.99E-08	1.43E-07	2.51E-08	1.42E-07	7.94E-07
75	486633.18	3855543.15	1.09E-03	1.06E-03	1.05E-03	3.77E-07	1.14E-06	6.60E-07	6.44E-07	5.84E-07	2.66E-07	2.63E-07	1.26E-08	3.04E-07	6.72E-08	8.74E-08	1.39E-07	2.44E-08	1.38E-07	7.73E-07
76	486683.18	3855543.15	1.06E-03	1.03E-03	1.02E-03	3.66E-07	1.10E-06	6.39E-07	6.23E-07	5.65E-07	2.58E-07	2.54E-07	1.22E-08	2.95E-07	6.51E-08	8.46E-08	1.34E-07	2.37E-08	1.34E-07	7.48E-07
77	486533.18	3855593.15	1.19E-03	1.17E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.05E-07	6.39E-07	2.92E-07	2.88E-07	1.38E-08	3.33E-07	7.36E-08	9.57E-08	1.52E-07	2.68E-08	1.51E-07	8.46E-07
78	486583.18	3855593.15	1.16E-03	1.13E-03	1.11E-03	4.00E-07	1.21E-06	6.99E-07	6.82E-07	6.19E-07	2.82E-07	2.79E-07	1.34E-08	3.23E-07	7.12E-08	9.27E-08	1.47E-07	2.59E-08	1.46E-07	8.19E-07
79	486633.18	3855593.15	1.12E-03	1.09E-03	1.08E-03	3.88E-07	1.17E-06	6.78E-07	6.62E-07	6.00E-07	2.74E-07	2.70E-07	1.30E-08	3.13E-07	6.91E-08	8.99E-08	1.43E-07	2.51E-08	1.42E-07	7.94E-07
80	486683.18	3855593.15	1.09E-03	1.06E-03	1.05E-03	3.78E-07	1.14E-06	6.60E-07	6.44E-07	5.84E-07	2.66E-07	2.63E-07	1.26E-08	3.05E-07	6.72E-08	8.75E-08	1.39E-07	2.45E-08	1.38E-07	7.73E-07
81	486533.18	3855643.15	1.23E-03	1.20E-03	1.19E-03	4.27E-07	1.29E-06	7.46E-07	7.28E-07	6.60E-07	3.01E-07	2.97E-07	1.43E-08	3.44E-07	7.60E-08	9.88E-08	1.57E-07	2.76E-08	1.56E-07	8.74E-07
82	486583.18	3855643.15	1.19E-03	1.16E-03	1.15E-03	4.13E-07	1.25E-06	7.21E-07	7.04E-07	6.38E-07	2.91E-07	2.87E-07	1.38E-08	3.33E-07	7.35E-08	9.56E-08	1.52E-07	2.67E-08	1.51E-07	8.45E-07
83	486633.18	3855643.15	1.16E-03	1.13E-03	1.11E-03	4.00E-07	1.21E-06	6.99E-07	6.82E-07	6.18E-07	2.82E-07	2.78E-07	1.34E-08	3.23E-07	7.12E-08	9.26E-08	1.47E-07	2.59E-08	1.46E-07	8.19E-07
84	486683.18	3855643.15	1.12E-03	1.09E-03	1.08E-03	3.88E-07	1.17E-06	6.79E-07	6.62E-07	6.00E-07	2.74E-07	2.70E-07	1.30E-08	3.13E-07	6.91E-08	8.99E-08	1.43E-07	2.51E-08	1.42E-07	7.95E-07
85	486533.18	3855693.15	1.28E-03	1.25E-03	1.23E-03	4.43E-07	1.34E-06	7.74E-07	7.55E-07	6.85E-07	3.12E-07	3.08E-07	1.48E-08	3.57E-07	7.88E-08	1.03E-07	1.63E-07	2.87E-08	1.62E-07	9.06E-07
86	486583.18	3855693.15	1.23E-03	1.20E-03	1.18E-03	4.26E-07	1.29E-06	7.44E-07	7.26E-07	6.58E-07	3.00E-07	2.96E-07	1.42E-08	3.43E-07	7.58E-08	9.86E-08	1.56E-07	2.76E-08	1.56E-07	8.71E-07
87	486633.18	3855693.15	1.18E-03	1.16E-03	1.14E-03	4.10E-07	1.24E-06	7.16E-07	6.99E-07	6.34E-07	2.89E-07	2.85E-07	1.37E-08	3.30E-07	7.29E-08	9.49E-08	1.51E-07	2.65E-08	1.50E-07	8.39E-07
88	486683.18	3855693.15	1.15E-03	1.13E-03	1.11E-03	4.00E-07	1.21E-06	6.99E-07	6.82E-07	6.18E-07	2.82E-07	2.78E-07	1.33E-08	3.22E-07	7.11E-08	9.26E-08	1.47E-07	2.59E-08	1.46E-07	8.18E-07
89	486733.18	3855693.15	1.13E-03	1.11E-03	1.09E-03	3.92E-07	1.18E-06	6.86E-07	6.69E-07	6.06E-07	2.77E-07	2.73E-07	1.31E-08	3.16E-07	6.98E-08	9.08E-08	1.44E-07	2.54E-08	1.43E-07	8.03E-07
90	486783.18	3855693.15	1.12E-03	1.09E-03	1.07E-03	3.86E-07	1.17E-06	6.75E-07	6.58E-07	5.97E-07	2.72E-07	2.69E-07	1.29E-08	3.11E-07	6.87E-08	8.94E-08	1.42E-07	2.50E-08	1.41E-07	7.90E-07
91	486533.18	3855743.15	1.33E-03	1.29E-03	1.28E-03	4.59E-07	1.39E-06	8.02E-07	7.83E-07	7.10E-07	3.24E-07	3.20E-07	1.53E-08	3.70E-07	8.17E-08	1.06E-07	1.69E-07	2.97E-08	1.68E-07	9.40E-07
92	486583.18	3855743.15	1.27E-03	1.24E-03	1.22E-03	4.39E-07	1.32E-06	7.67E-07	7.48E-07	6.78E-07	3.09E-07	3.05E-07	1.46E-08	3.54E-07	7.81E-08	1.02E-07	1.61E-07	2.84E-08	1.60E-07	8.98E-07
93	486633.18	3855743.15	1.22E-03	1.19E-03	1.18E-03	4.23E-07	1.28E-06	7.40E-07	7.22E-07	6.54E-07	2.99E-07	2.95E-07	1.41E-08	3.41E-07	7.53E-08	9.80E-08	1.55E-07	2.74E-08	1.55E-07	8.66E-07
94	486683.18	3855743.15	1.20E-03	1.17E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.06E-07	6.40E-07	2.92E-07	2.88E-07	1.38E-08	3.34E-07	7.36E-08	9.58E-08	1.52E-07	2.68E-08	1.51E-07	8.47E-07
95	486733.18	3855743.15	1.16E-03	1.14E-03	1.12E-03	4.03E-07	1.22E-06	7.05E-07	6.88E-07	6.24E-07	2.85E-07	2.81E-07	1.35E-08	3.25E-07	7.18E-08	9.34E-08	1.48E-07	2.61E-08	1.47E-07	8.26E-07
96	486783.18	3855743.15	1.15E-03	1.12E-03	1.11E-03	3.98E-07	1.20E-06	6.95E-07	6.79E-07	6.15E-07	2.81E-07	2.77E-07	1.33E-08	3.21E-07	7.08E-08	9.21E-08	1.46E-07	2.58E-08	1.45E-07	8.14E-07
97	486533.18	3855793.15	1.38E-03	1.35E-03	1.33E-03	4.78E-07	1.44E-06	8.35E-07	8.14E-07	7.38E-07	3.37E-07	3.32E-07	1.59E-08	3.85E-07	8.50E-08	1.11E-07	1.75E-07	3.09E-08	1.74E-07	9.78E-07
98	486583.18	3855793.15	1.31E-03	1.27E-03	1.26E-03	4.52E-07	1.37E-06	7.90E-07	7.71E-07	6.99E-07	3.19E-07	3.15E-07	1.51E-08	3.65E-07	8.05E-08	1.05E-07	1.66E-07	2.93E-08	1.65E-07	9.25E-07
99	486633.18	3855793.15	1.27E-03	1.24E-03	1.22E-03	4.40E-07	1.33E-06	7.70E-07	7.51E-07	6.81E-07	3.11E-07	3.07E-07	1.47E-08	3.55E-07	7.84E-08	1.02E-07	1.62E-07	2.85E-08	1.61E-07	9.01E-07
100	486683.18	3855793.15	1.24E-03	1.21E-03	1.20E-03	4.30E-07	1.30E-06	7.52E-07	7.33E-07	6.65E-07	3.03E-07	2.99E-07	1.44E-08	3.47E-07	7.65E-08	9.96E-08	1.58E-07	2.78E-08	1.57E-07	8.80E-07
101	486733.18	3855793.15	1.21E-03	1.18E-03	1.17E-03	4.19E-07	1.27E-06	7.33E-07	7.15E-07	6.48E-07	2.96E-07	2.92E-07	1.40E-08	3.38E-07	7.46E-08	9.70E-08	1.54E-07	2.71E-08	1.53E-07	8.58E-07
102	486783.18	3855793.15	1.18E-03	1.16E-03	1.14E-03	4.10E-07	1.24E-06	7.16E-07	6.99E-07	6.34E-07	2.89E-07	2.85E-07	1.37E-08	3.31E-07	7.30E-08	9.49E-08	1.51E-07	2.65E-08	1.50E-07	8.39E-07
103	486533.18	3855843.15	1.43E-03	1.40E-03	1.38E-03	4.95E-07	1.50E-06	8.66E-07	8.45E-07	7.66E-07	3.49E-07	3.45E-07	1.65E-08	3.99E-07	8.81E-08	1.15E-07	1.82E-07	3.21E-08	1.81E-07	1.01E-06

104	486583.18	3855843.15	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.23E-07	8.03E-07	7.28E-07	3.32E-07	3.28E-07	1.57E-08	3.80E-07	8.38E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.64E-07
105	486633.18	3855843.15	1.32E-03	1.29E-03	1.27E-03	4.58E-07	1.38E-06	8.01E-07	7.81E-07	7.08E-07	3.23E-07	3.19E-07	1.53E-08	3.69E-07	8.15E-08	1.06E-07	1.68E-07	2.97E-08	1.67E-07	9.38E-07
106	486683.18	3855843.15	1.29E-03	1.26E-03	1.24E-03	4.46E-07	1.35E-06	7.80E-07	7.61E-07	6.90E-07	3.15E-07	3.11E-07	1.49E-08	3.60E-07	7.94E-08	1.03E-07	1.64E-07	2.89E-08	1.63E-07	9.13E-07
107	486733.18	3855843.15	1.26E-03	1.23E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.42E-07	6.73E-07	3.07E-07	3.03E-07	1.45E-08	3.51E-07	7.75E-08	1.01E-07	1.60E-07	2.82E-08	1.59E-07	8.91E-07
108	486783.18	3855843.15	1.23E-03	1.20E-03	1.18E-03	4.25E-07	1.28E-06	7.42E-07	7.24E-07	6.57E-07	3.00E-07	2.96E-07	1.42E-08	3.43E-07	7.56E-08	9.83E-08	1.56E-07	2.75E-08	1.55E-07	8.69E-07
109	486533.18	3855893.15	1.48E-03	1.44E-03	1.42E-03	5.11E-07	1.54E-06	8.93E-07	8.71E-07	7.90E-07	3.60E-07	3.56E-07	1.71E-08	4.12E-07	9.09E-08	1.18E-07	1.88E-07	3.31E-08	1.87E-07	1.05E-06
110	486583.18	3855893.15	1.43E-03	1.39E-03	1.37E-03	4.94E-07	1.49E-06	8.63E-07	8.42E-07	7.63E-07	3.48E-07	3.44E-07	1.65E-08	3.98E-07	8.79E-08	1.14E-07	1.81E-07	3.20E-08	1.80E-07	1.01E-06
111	486633.18	3855893.15	1.38E-03	1.35E-03	1.33E-03	4.78E-07	1.44E-06	8.35E-07	8.15E-07	7.39E-07	3.37E-07	3.33E-07	1.60E-08	3.85E-07	8.50E-08	1.11E-07	1.76E-07	3.09E-08	1.75E-07	9.78E-07
112	486683.18	3855893.15	1.34E-03	1.31E-03	1.29E-03	4.64E-07	1.40E-06	8.12E-07	7.92E-07	7.18E-07	3.28E-07	3.23E-07	1.55E-08	3.75E-07	8.26E-08	1.08E-07	1.71E-07	3.01E-08	1.70E-07	9.50E-07
113	486733.18	3855893.15	1.31E-03	1.27E-03	1.26E-03	4.52E-07	1.37E-06	7.90E-07	7.71E-07	6.99E-07	3.19E-07	3.15E-07	1.51E-08	3.65E-07	8.05E-08	1.05E-07	1.66E-07	2.93E-08	1.65E-07	9.25E-07
114	486783.18	3855893.15	1.28E-03	1.24E-03	1.23E-03	4.42E-07	1.33E-06	7.72E-07	7.53E-07	6.83E-07	3.12E-07	3.07E-07	1.47E-08	3.56E-07	7.86E-08	1.02E-07	1.62E-07	2.86E-08	1.61E-07	9.04E-07
115	486533.18	3855943.15	1.55E-03	1.51E-03	1.49E-03	5.35E-07	1.62E-06	9.36E-07	9.13E-07	8.28E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.53E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
116	486583.18	3855943.15	1.50E-03	1.46E-03	1.44E-03	5.19E-07	1.57E-06	9.07E-07	8.86E-07	8.03E-07	3.66E-07	3.61E-07	1.73E-08	4.19E-07	9.24E-08	1.20E-07	1.91E-07	3.36E-08	1.90E-07	1.06E-06
117	486633.18	3855943.15	1.45E-03	1.41E-03	1.39E-03	5.00E-07	1.51E-06	8.74E-07	8.53E-07	7.73E-07	3.53E-07	3.48E-07	1.67E-08	4.03E-07	8.90E-08	1.16E-07	1.84E-07	3.24E-08	1.83E-07	1.02E-06
118	486683.18	3855943.15	1.40E-03	1.37E-03	1.35E-03	4.86E-07	1.47E-06	8.49E-07	8.29E-07	7.51E-07	3.43E-07	3.38E-07	1.62E-08	3.92E-07	8.65E-08	1.13E-07	1.79E-07	3.15E-08	1.78E-07	9.95E-07
119	486733.18	3855943.15	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.23E-07	8.03E-07	7.28E-07	3.32E-07	3.28E-07	1.57E-08	3.80E-07	8.38E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.64E-07
120	486783.18	3855943.15	1.33E-03	1.30E-03	1.28E-03	4.59E-07	1.39E-06	8.03E-07	7.84E-07	7.10E-07	3.24E-07	3.20E-07	1.53E-08	3.71E-07	8.18E-08	1.06E-07	1.69E-07	2.97E-08	1.68E-07	9.40E-07
121	486533.18	3855993.15	1.64E-03	1.60E-03	1.58E-03	5.66E-07	1.71E-06	9.90E-07	9.66E-07	8.76E-07	4.00E-07	3.94E-07	1.89E-08	4.57E-07	1.01E-07	1.31E-07	2.08E-07	3.67E-08	2.07E-07	1.16E-06
122	486583.18	3855993.15	1.57E-03	1.54E-03	1.52E-03	5.45E-07	1.65E-06	9.53E-07	9.30E-07	8.43E-07	3.85E-07	3.80E-07	1.82E-08	4.40E-07	9.70E-08	1.26E-07	2.00E-07	3.53E-08	1.99E-07	1.12E-06
123	486633.18	3855993.15	1.52E-03	1.48E-03	1.46E-03	5.25E-07	1.59E-06	9.18E-07	8.96E-07	8.12E-07	3.71E-07	3.66E-07	1.75E-08	4.24E-07	9.35E-08	1.22E-07	1.93E-07	3.40E-08	1.92E-07	1.08E-06
124	486683.18	3855993.15	1.47E-03	1.44E-03	1.42E-03	5.09E-07	1.54E-06	8.90E-07	8.68E-07	7.87E-07	3.59E-07	3.54E-07	1.70E-08	4.11E-07	9.06E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
125	486733.18	3855993.15	1.42E-03	1.39E-03	1.37E-03	4.93E-07	1.49E-06	8.61E-07	8.40E-07	7.62E-07	3.48E-07	3.43E-07	1.64E-08	3.97E-07	8.77E-08	1.14E-07	1.81E-07	3.19E-08	1.80E-07	1.01E-06
126	486783.18	3855993.15	1.38E-03	1.35E-03	1.33E-03	4.79E-07	1.44E-06	8.36E-07	8.16E-07	7.40E-07	3.38E-07	3.33E-07	1.60E-08	3.86E-07	8.52E-08	1.11E-07	1.76E-07	3.10E-08	1.75E-07	9.80E-07
127	486533.18	3856043.15	1.73E-03	1.69E-03	1.67E-03	6.00E-07	1.81E-06	1.05E-06	1.02E-06	9.28E-07	4.24E-07	4.18E-07	2.01E-08	4.84E-07	1.07E-07	1.39E-07	2.21E-07	3.89E-08	2.19E-07	1.23E-06
128	486583.18	3856043.15	1.67E-03	1.63E-03	1.61E-03	5.77E-07	1.74E-06	1.01E-06	9.84E-07	8.92E-07	4.07E-07	4.02E-07	1.93E-08	4.66E-07	1.03E-07	1.34E-07	2.12E-07	3.74E-08	2.11E-07	1.18E-06
129	486633.18	3856043.15	1.60E-03	1.56E-03	1.54E-03	5.54E-07	1.67E-06	9.68E-07	9.44E-07	8.56E-07	3.91E-07	3.85E-07	1.85E-08	4.47E-07	9.85E-08	1.28E-07	2.03E-07	3.58E-08	2.02E-07	1.13E-06
130	486683.18	3856043.15	1.55E-03	1.51E-03	1.49E-03	5.35E-07	1.62E-06	9.36E-07	9.13E-07	8.28E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.53E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
131	486733.18	3856043.15	1.49E-03	1.46E-03	1.44E-03	5.16E-07	1.56E-06	9.02E-07	8.81E-07	7.98E-07	3.64E-07	3.59E-07	1.72E-08	4.16E-07	9.19E-08	1.20E-07	1.90E-07	3.34E-08	1.89E-07	1.06E-06
132	486783.18	3856043.15	1.45E-03	1.41E-03	1.40E-03	5.02E-07	1.52E-06	8.77E-07	8.56E-07	7.76E-07	3.54E-07	3.49E-07	1.68E-08	4.05E-07	8.93E-08	1.16E-07	1.84E-07	3.25E-08	1.83E-07	1.03E-06
133	486533.18	3856093.15	1.85E-03	1.81E-03	1.79E-03	6.42E-07	1.94E-06	1.12E-06	1.09E-06	9.92E-07	4.53E-07	4.47E-07	2.14E-08	5.18E-07	1.14E-07	1.49E-07	2.36E-07	4.16E-08	2.34E-07	1.31E-06
134	486583.18	3856093.15	1.77E-03	1.73E-03	1.70E-03	6.13E-07	1.85E-06	1.07E-06	1.05E-06	9.48E-07	4.32E-07	4.27E-07	2.05E-08	4.94E-07	1.09E-07	1.42E-07	2.25E-07	3.97E-08	2.24E-07	1.25E-06
135	486633.18	3856093.15	1.69E-03	1.65E-03	1.63E-03	5.87E-07	1.77E-06	1.03E-06	1.00E-06	9.07E-07	4.14E-07	4.08E-07	1.96E-08	4.73E-07	1.04E-07	1.36E-07	2.16E-07	3.80E-08	2.14E-07	1.20E-06
136	486683.18	3856093.15	1.63E-03	1.59E-03	1.57E-03	5.65E-07	1.71E-06	9.87E-07	9.63E-07	8.73E-07	3.98E-07	3.93E-07	1.89E-08	4.56E-07	1.01E-07	1.31E-07	2.08E-07	3.66E-08	2.06E-07	1.16E-06
137	486733.18	3856093.15	1.57E-03	1.53E-03	1.51E-03	5.44E-07	1.64E-06	9.51E-07	9.28E-07	8.41E-07	3.84E-07	3.79E-07	1.82E-08	4.39E-07	9.68E-08	1.26E-07	2.00E-07	3.52E-08	1.99E-07	1.11E-06
138	486783.18	3856093.15	1.52E-03	1.48E-03	1.46E-03	5.26E-07	1.59E-06	9.20E-07	8.98E-07	8.14E-07	3.71E-07	3.66E-07	1.76E-08	4.25E-07	9.37E-08	1.22E-07	1.93E-07	3.41E-08	1.92E-07	1.08E-06
139	486533.18	3856143.15	1.99E-03	1.94E-03	1.91E-03	6.88E-07	2.08E-06	1.20E-06	1.17E-06	1.06E-06	4.86E-07	4.79E-07	2.30E-08	5.55E-07	1.23E-07	1.59E-07	2.53E-07	4.46E-08	2.51E-07	1.41E-06
140	486583.18	3856143.15	1.89E-03	1.84E-03	1.82E-03	6.53E-07	1.97E-06	1.14E-06	1.11E-06	1.01E-06	4.61E-07	4.54E-07	2.18E-08	5.27E-07	1.16E-07	1.51E-07	2.40E-07	4.23E-08	2.39E-07	1.34E-06
141	486633.18	3856143.15	1.80E-03	1.76E-03	1.74E-03	6.24E-07	1.89E-06	1.09E-06	1.07E-06	9.65E-07	4.41E-07	4.35E-07	2.09E-08	5.04E-07	1.11E-07	1.45E-07	2.29E-07	4.04E-08	2.28E-07	1.28E-06
142	486683.18	3856143.15	1.73E-03	1.69E-03	1.66E-03	5.98E-07	1.81E-06	1.05E-06	1.02E-06	9.25E-07	4.22E-07	4.16E-07	2.00E-08	4.82E-07	1.06E-07	1.39E-07	2.20E-07	3.87E-08	2.19E-07	1.22E-06
143	486733.18	3856143.15	1.66E-03	1.62E-03	1.60E-03	5.75E-07	1.74E-06	1.00E-06	9.80E-07	8.89E-07	4.05E-07	4.00E-07	1.92E-08	4.64E-07	1.02E-07	1.33E-07	2.11E-07	3.72E-08	2.10E-07	1.18E-06
144	486783.18	3856143.15	1.61E-03	1.57E-03	1.55E-03	5.57E-07	1.68E-06	9.73E-07	9.49E-07	8.60E-07	3.93E-07	3.87E-07	1.86E-08	4.49E-07	9.91E-08	1.29E-07	2.04E-07	3.60E-08	2.03E-07	1.14E-06
145	486533.18	3856193.15	2.16E-03	2.11E-03	2.08E-03	7.47E-07	2.26E-06	1.31E-06	1.27E-06	1.16E-06	5.27E-07	5.20E-07	2.50E-08	6.03E-07	1.33E-07	1.73E-07	2.75E-07	4.84E-08	2.73E-07	1.53E-06
146	486583.18	3856193.15	2.03E-03	1.98E-03	1.95E-03	7.03E-07	2.12E-06	1.23E-06	1.20E-06	1.09E-06	4.96E-07	4.89E-07	2.35E-08	5.67E-07	1.25E-07	1.63E-07	2.58E-07	4.55E-08	2.57E-07	1.44E-06
147	486633.18	3856193.15	1.93E-03	1.88E-03	1.86E-03	6.68E-07	2.02E-06	1.17E-06	1.14E-06	1.03E-06	4.71E-07	4.65E-07	2.23E-08	5.39E-07	1.19E-07	1.55E-07	2.45E-07	4.33E-08	2.44E-07	1.37E-06
148	486683.18	3856193.15	1.85E-03	1.80E-03	1.78E-03	6.40E-07	1.93E-06	1.12E-06	1.09E-06	9.89E-07	4.51E-07	4.45E-07	2.14E-08	5.16E-07	1.14E-07	1.48E-07	2.35E-07	4.14E-08	2.34E-07	1.31E-06
149	486733.18	3856193.15	1.77E-03	1.72E-03	1.70E-03	6.11E-07	1.85E-06	1.07E-06	1.04E-06	9.45E-07	4.31E-07	4.26E-07	2.04E-08	4.93E-07	1.09E-07	1.42E-07	2.25E-07	3.96E-08	2.23E-07	1.25E-06
150	486783.18	3856193.15	1.70E-03	1.66E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.00E-06	9.10E-07	4.15E-07	4.10E-07	1.97E-08	4.75E-07	1.05E-07	1.36E-07	2.16E-07	3.81E-08	2.15E-07	1.21E-06
151	486533.18	3856243.15	2.36E-03	2.30E-03	2.27E-03	8.16E-07	2.46E-06	1.43E-06	1.39E-06	1.26E-06	5.76E-07	5.68E-07	2.72E-08	6.58E-07	1.45E-07	1.89E-07	3.00E-07	5.28E-08	2.98E-07	1.67E-06
152	486583.18	3856243.15	2.21E-03	2.15E-03	2.13E-03	7.64E-07	2.31E-06	1.34E-06	1.30E-06	1.18E-06	5.39E-07	5.32E-07	2.55E-08	6.16E-07	1.36E-07	1.77E-07	2.81E-07	4.95E-08	2.79E-07	1.56E-06
153	486633.18	3856243.15	2.08E-03	2.03E-03	2.00E-03	7.20E-07	2.18E-06	1.26E-06	1.23E-06	1.11E-06	5.08E-07	5.01E-07	2.41E-08	5.81E-07	1.28E-07	1.67E-07	2.65E-07	4.66E-08	2.63E-07	1.47E-06
154	486683.18	3856243.15	1.97E-03	1.93E-03	1.90E-03	6.84E-07	2.06E-06	1.19E-06	1.17E-06	1.06E-06	4.82E-07	4.76E-07	2.28E-08	5.51E-07	1.22E-07	1.58E-07	2.51E-07	4.43E-08	2.50E-07	1.40E-06
155	486733.18	3856243.15	1.88E-03	1.84E-03	1.81E-03	6.52E-07	1.97E-06	1.14E-06	1.11E-06	1.01E-06	4.60E-07	4.54E-07	2.18E-08	5.26E-07	1.16E-07	1.51E-07	2.40E-07	4.22E-08	2.38E-07	1.33E-06
156	486783.18	3856243.15	1.80E-03	1.76E-03	1.73E-03	6.23E-07	1.88E-06	1.09E-06	1.06E-06	9.63E-07	4.40E-07	4.34E-07	2.08E-08	5.03E-07	1.11E-07	1.44E-07	2.29E-07	4.03E-08	2.28E-07	1.28E-06
157	486533.18	3856293.15	2.60E-03	2.54E-03	2.50E-03	9.00E-07	2.72E-06	1.57E-06	1.53E-06	1.39E-06	6.35E-07	6.26E-07	3.00E-08	7.26E-07	1.60E-07	2.08E-07	3.30E-07	5.82E-08	3.29E-07	1.84E-06
158	486583.18	3856293.15	2.41E-03	2.35E-03	2.32E-03	8.33E-07	2.52E-06	1.46E-06	1.42E-06	1.29E-06	5.88E-07	5.80E-07	2.78E-08	6.72E-07	1.48E-07	1.93E-07	3.06E-07	5.40E-08	3.04E-07	1.71E-06

159	486633.18	3856293.15	2.25E-03	2.20E-03	2.17E-03	7.80E-07	2.35E-06	1.36E-06	1.33E-06	1.21E-06	5.50E-07	5.43E-07	2.60E-08	6.29E-07	1.39E-07	1.81E-07	2.86E-07	5.05E-08	2.85E-07	1.60E-06
160	486683.18	3856293.15	2.12E-03	2.07E-03	2.04E-03	7.35E-07	2.22E-06	1.28E-06	1.25E-06	1.14E-06	5.18E-07	5.11E-07	2.45E-08	5.93E-07	1.31E-07	1.70E-07	2.70E-07	4.76E-08	2.68E-07	1.50E-06
161	486733.18	3856293.15	2.02E-03	1.97E-03	1.94E-03	6.98E-07	2.11E-06	1.22E-06	1.19E-06	1.08E-06	4.92E-07	4.86E-07	2.33E-08	5.63E-07	1.24E-07	1.62E-07	2.56E-07	4.52E-08	2.55E-07	1.43E-06
162	486783.18	3856293.15	1.92E-03	1.87E-03	1.85E-03	6.64E-07	2.00E-06	1.16E-06	1.13E-06	1.03E-06	4.68E-07	4.62E-07	2.22E-08	5.35E-07	1.18E-07	1.54E-07	2.44E-07	4.30E-08	2.42E-07	1.36E-06
163	486783.18	3856343.15	2.05E-03	2.00E-03	1.98E-03	7.10E-07	2.15E-06	1.24E-06	1.21E-06	1.10E-06	5.01E-07	4.95E-07	2.37E-08	5.73E-07	1.26E-07	1.65E-07	2.61E-07	4.60E-08	2.60E-07	1.45E-06
164	486833.18	3856343.15	1.95E-03	1.90E-03	1.88E-03	6.75E-07	2.04E-06	1.18E-06	1.15E-06	1.04E-06	4.76E-07	4.70E-07	2.25E-08	5.45E-07	1.20E-07	1.56E-07	2.48E-07	4.37E-08	2.47E-07	1.38E-06
165	486883.18	3856343.15	1.86E-03	1.82E-03	1.79E-03	6.44E-07	1.95E-06	1.13E-06	1.10E-06	9.96E-07	4.55E-07	4.48E-07	2.15E-08	5.20E-07	1.15E-07	1.49E-07	2.37E-07	4.17E-08	2.35E-07	1.32E-06
166	486783.18	3856393.15	2.20E-03	2.14E-03	2.12E-03	7.61E-07	2.30E-06	1.33E-06	1.30E-06	1.18E-06	5.37E-07	5.30E-07	2.54E-08	6.14E-07	1.35E-07	1.76E-07	2.79E-07	4.93E-08	2.78E-07	1.56E-06
167	486833.18	3856393.15	2.08E-03	2.03E-03	2.00E-03	7.19E-07	2.17E-06	1.26E-06	1.23E-06	1.11E-06	5.07E-07	5.01E-07	2.40E-08	5.80E-07	1.28E-07	1.67E-07	2.64E-07	4.66E-08	2.63E-07	1.47E-06
168	486883.18	3856393.15	1.97E-03	1.92E-03	1.90E-03	6.82E-07	2.06E-06	1.19E-06	1.16E-06	1.05E-06	4.81E-07	4.75E-07	2.28E-08	5.50E-07	1.21E-07	1.58E-07	2.51E-07	4.41E-08	2.49E-07	1.40E-06
169	487208.74	3856886.11	2.59E-03	2.53E-03	2.49E-03	8.97E-07	2.71E-06	1.57E-06	1.53E-06	1.39E-06	6.33E-07	6.24E-07	2.99E-08	7.23E-07	1.60E-07	2.08E-07	3.29E-07	5.81E-08	3.28E-07	1.84E-06
170	487258.74	3856886.11	2.42E-03	2.36E-03	2.33E-03	8.37E-07	2.53E-06	1.46E-06	1.43E-06	1.29E-06	5.91E-07	5.83E-07	2.79E-08	6.75E-07	1.49E-07	1.94E-07	3.07E-07	5.42E-08	3.06E-07	1.71E-06
171	487308.74	3856886.11	2.27E-03	2.22E-03	2.19E-03	7.87E-07	2.38E-06	1.37E-06	1.34E-06	1.22E-06	5.55E-07	5.48E-07	2.63E-08	6.34E-07	1.40E-07	1.82E-07	2.89E-07	5.09E-08	2.87E-07	1.61E-06
172	487358.74	3856886.11	2.15E-03	2.10E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.27E-06	1.15E-06	5.24E-07	5.17E-07	2.48E-08	5.99E-07	1.32E-07	1.72E-07	2.73E-07	4.81E-08	2.72E-07	1.52E-06
173	487208.74	3856936.11	2.82E-03	2.75E-03	2.72E-03	9.77E-07	2.95E-06	1.71E-06	1.67E-06	1.51E-06	6.89E-07	6.80E-07	3.26E-08	7.88E-07	1.74E-07	2.26E-07	3.59E-07	6.33E-08	3.57E-07	2.00E-06
174	487258.74	3856936.11	2.61E-03	2.55E-03	2.52E-03	9.04E-07	2.73E-06	1.58E-06	1.54E-06	1.40E-06	6.38E-07	6.30E-07	3.02E-08	7.29E-07	1.61E-07	2.09E-07	3.32E-07	5.86E-08	3.30E-07	1.85E-06
175	487308.74	3856936.11	2.44E-03	2.38E-03	2.35E-03	8.44E-07	2.55E-06	1.48E-06	1.44E-06	1.30E-06	5.95E-07	5.87E-07	2.82E-08	6.81E-07	1.50E-07	1.95E-07	3.10E-07	5.46E-08	3.08E-07	1.73E-06
176	487358.74	3856936.11	2.29E-03	2.23E-03	2.21E-03	7.93E-07	2.39E-06	1.39E-06	1.35E-06	1.23E-06	5.59E-07	5.52E-07	2.65E-08	6.39E-07	1.41E-07	1.84E-07	2.91E-07	5.13E-08	2.90E-07	1.62E-06
177	487208.74	3856986.11	3.11E-03	3.04E-03	3.00E-03	1.08E-06	3.25E-06	1.88E-06	1.84E-06	1.67E-06	7.60E-07	7.50E-07	3.60E-08	8.69E-07	1.92E-07	2.49E-07	3.96E-07	6.97E-08	3.94E-07	2.20E-06
178	487258.74	3856986.11	2.85E-03	2.78E-03	2.74E-03	9.86E-07	2.98E-06	1.72E-06	1.68E-06	1.52E-06	6.96E-07	6.87E-07	3.29E-08	7.95E-07	1.76E-07	2.28E-07	3.62E-07	6.39E-08	3.60E-07	2.02E-06
179	487308.74	3856986.11	2.64E-03	2.57E-03	2.54E-03	9.12E-07	2.75E-06	1.59E-06	1.56E-06	1.41E-06	6.44E-07	6.35E-07	3.05E-08	7.36E-07	1.62E-07	2.11E-07	3.35E-07	5.91E-08	3.33E-07	1.87E-06
180	487358.74	3856986.11	2.46E-03	2.40E-03	2.37E-03	8.51E-07	2.57E-06	1.49E-06	1.45E-06	1.32E-06	6.01E-07	5.93E-07	2.84E-08	6.87E-07	1.52E-07	1.97E-07	3.13E-07	5.51E-08	3.11E-07	1.74E-06
181	487208.74	3857036.11	3.48E-03	3.40E-03	3.35E-03	1.21E-06	3.64E-06	2.11E-06	2.06E-06	1.86E-06	8.50E-07	8.39E-07	4.02E-08	9.72E-07	2.15E-07	2.79E-07	4.43E-07	7.80E-08	4.40E-07	2.47E-06
182	487258.74	3857036.11	3.14E-03	3.07E-03	3.03E-03	1.09E-06	3.28E-06	1.90E-06	1.86E-06	1.68E-06	7.67E-07	7.57E-07	3.63E-08	8.77E-07	1.94E-07	2.52E-07	4.00E-07	7.04E-08	3.97E-07	2.23E-06
183	487308.74	3857036.11	2.87E-03	2.80E-03	2.77E-03	9.95E-07	3.00E-06	1.74E-06	1.70E-06	1.54E-06	7.02E-07	6.93E-07	3.32E-08	8.03E-07	1.77E-07	2.30E-07	3.66E-07	6.44E-08	3.64E-07	2.04E-06
184	487358.74	3857036.11	2.66E-03	2.59E-03	2.56E-03	9.20E-07	2.78E-06	1.61E-06	1.57E-06	1.42E-06	6.49E-07	6.41E-07	3.07E-08	7.42E-07	1.64E-07	2.13E-07	3.38E-07	5.96E-08	3.36E-07	1.88E-06
185	487427.14	3856878.23	1.99E-03	1.94E-03	1.91E-03	6.87E-07	2.08E-06	1.20E-06	1.17E-06	1.06E-06	4.85E-07	4.79E-07	2.30E-08	5.55E-07	1.22E-07	1.59E-07	2.53E-07	4.45E-08	2.51E-07	1.41E-06
186	487477.14	3856878.23	1.90E-03	1.85E-03	1.83E-03	6.57E-07	1.98E-06	1.15E-06	1.12E-06	1.02E-06	4.63E-07	4.57E-07	2.19E-08	5.30E-07	1.17E-07	1.52E-07	2.41E-07	4.25E-08	2.40E-07	1.34E-06
187	487527.14	3856878.23	1.82E-03	1.77E-03	1.75E-03	6.29E-07	1.90E-06	1.10E-06	1.07E-06	9.73E-07	4.44E-07	4.38E-07	2.10E-08	5.08E-07	1.12E-07	1.46E-07	2.31E-07	4.08E-08	2.30E-07	1.29E-06
188	487427.14	3856928.23	2.10E-03	2.05E-03	2.02E-03	7.28E-07	2.20E-06	1.27E-06	1.24E-06	1.13E-06	5.13E-07	5.07E-07	2.43E-08	5.87E-07	1.30E-07	1.69E-07	2.67E-07	4.71E-08	2.66E-07	1.49E-06
189	487477.14	3856928.23	2.00E-03	1.95E-03	1.93E-03	6.92E-07	2.09E-06	1.21E-06	1.18E-06	1.07E-06	4.88E-07	4.82E-07	2.31E-08	5.58E-07	1.23E-07	1.60E-07	2.54E-07	4.48E-08	2.53E-07	1.42E-06
190	487527.14	3856928.23	1.91E-03	1.86E-03	1.84E-03	6.61E-07	2.00E-06	1.16E-06	1.13E-06	1.02E-06	4.67E-07	4.60E-07	2.21E-08	5.33E-07	1.18E-07	1.53E-07	2.43E-07	4.28E-08	2.42E-07	1.35E-06
191	487577.14	3856928.23	1.83E-03	1.79E-03	1.76E-03	6.34E-07	1.91E-06	1.11E-06	1.08E-06	9.80E-07	4.47E-07	4.41E-07	2.12E-08	5.11E-07	1.13E-07	1.47E-07	2.33E-07	4.10E-08	2.32E-07	1.30E-06
192	487627.14	3856928.23	1.76E-03	1.72E-03	1.69E-03	6.09E-07	1.84E-06	1.06E-06	1.04E-06	9.41E-07	4.30E-07	4.24E-07	2.03E-08	4.91E-07	1.08E-07	1.41E-07	2.24E-07	3.94E-08	2.22E-07	1.25E-06
193	487677.14	3856928.23	1.69E-03	1.65E-03	1.63E-03	5.87E-07	1.77E-06	1.03E-06	1.00E-06	9.07E-07	4.14E-07	4.08E-07	1.96E-08	4.73E-07	1.04E-07	1.36E-07	2.15E-07	3.80E-08	2.14E-07	1.20E-06
194	487727.14	3856928.23	1.64E-03	1.60E-03	1.58E-03	5.67E-07	1.71E-06	9.90E-07	9.66E-07	8.76E-07	4.00E-07	3.94E-07	1.89E-08	4.57E-07	1.01E-07	1.31E-07	2.08E-07	3.67E-08	2.07E-07	1.16E-06
195	487777.14	3856928.23	1.58E-03	1.54E-03	1.52E-03	5.48E-07	1.65E-06	9.58E-07	9.35E-07	8.47E-07	3.87E-07	3.82E-07	1.83E-08	4.42E-07	9.75E-08	1.27E-07	2.01E-07	3.55E-08	2.00E-07	1.12E-06
196	487427.14	3856978.23	2.24E-03	2.18E-03	2.15E-03	7.74E-07	2.34E-06	1.35E-06	1.32E-06	1.20E-06	5.46E-07	5.39E-07	2.59E-08	6.25E-07	1.38E-07	1.79E-07	2.84E-07	5.01E-08	2.83E-07	1.59E-06
197	487477.14	3856978.23	2.12E-03	2.07E-03	2.04E-03	7.33E-07	2.21E-06	1.28E-06	1.25E-06	1.13E-06	5.17E-07	5.11E-07	2.45E-08	5.92E-07	1.31E-07	1.70E-07	2.69E-07	4.75E-08	2.68E-07	1.50E-06
198	487527.14	3856978.23	2.02E-03	1.97E-03	1.94E-03	6.98E-07	2.11E-06	1.22E-06	1.19E-06	1.08E-06	4.92E-07	4.86E-07	2.33E-08	5.63E-07	1.24E-07	1.62E-07	2.56E-07	4.52E-08	2.55E-07	1.43E-06
199	487577.14	3856978.23	1.93E-03	1.88E-03	1.85E-03	6.66E-07	2.01E-06	1.16E-06	1.14E-06	1.03E-06	4.70E-07	4.64E-07	2.23E-08	5.38E-07	1.19E-07	1.54E-07	2.45E-07	4.31E-08	2.43E-07	1.36E-06
200	487627.14	3856978.23	1.84E-03	1.80E-03	1.77E-03	6.38E-07	1.93E-06	1.12E-06	1.09E-06	9.87E-07	4.50E-07	4.44E-07	2.13E-08	5.15E-07	1.14E-07	1.48E-07	2.34E-07	4.13E-08	2.33E-07	1.31E-06
201	487677.14	3856978.23	1.77E-03	1.73E-03	1.71E-03	6.13E-07	1.85E-06	1.07E-06	1.05E-06	9.48E-07	4.33E-07	4.27E-07	2.05E-08	4.95E-07	1.09E-07	1.42E-07	2.25E-07	3.97E-08	2.24E-07	1.26E-06
202	487727.14	3856978.23	1.70E-03	1.66E-03	1.64E-03	5.90E-07	1.78E-06	1.03E-06	1.01E-06	9.12E-07	4.16E-07	4.11E-07	1.97E-08	4.76E-07	1.05E-07	1.37E-07	2.17E-07	3.82E-08	2.16E-07	1.21E-06
203	487777.14	3856978.23	1.65E-03	1.61E-03	1.59E-03	5.70E-07	1.72E-06	9.97E-07	9.73E-07	8.82E-07	4.02E-07	3.97E-07	1.90E-08	4.60E-07	1.02E-07	1.32E-07	2.10E-07	3.69E-08	2.08E-07	1.17E-06
204	487427.14	3857028.23	2.39E-03	2.34E-03	2.30E-03	8.28E-07	2.50E-06	1.45E-06	1.41E-06	1.28E-06	5.84E-07	5.77E-07	2.77E-08	6.68E-07	1.47E-07	1.92E-07	3.04E-07	5.36E-08	3.03E-07	1.70E-06
205	487477.14	3857028.23	2.25E-03	2.20E-03	2.17E-03	7.80E-07	2.36E-06	1.36E-06	1.33E-06	1.21E-06	5.51E-07	5.43E-07	2.61E-08	6.29E-07	1.39E-07	1.81E-07	2.87E-07	5.05E-08	2.85E-07	1.60E-06
206	487527.14	3857028.23	2.13E-03	2.08E-03	2.06E-03	7.39E-07	2.23E-06	1.29E-06	1.26E-06	1.14E-06	5.21E-07	5.14E-07	2.47E-08	5.96E-07	1.32E-07	1.71E-07	2.71E-07	4.78E-08	2.70E-07	1.51E-06
207	487577.14	3857028.23	2.03E-03	1.98E-03	1.96E-03	7.03E-07	2.12E-06	1.23E-06	1.20E-06	1.09E-06	4.96E-07	4.89E-07	2.35E-08	5.67E-07	1.25E-07	1.63E-07	2.58E-07	4.55E-08	2.57E-07	1.44E-06
208	487627.14	3857028.23	1.94E-03	1.89E-03	1.87E-03	6.71E-07	2.03E-06	1.17E-06	1.14E-06	1.04E-06	4.73E-07	4.67E-07	2.24E-08	5.41E-07	1.19E-07	1.55E-07	2.46E-07	4.34E-08	2.45E-07	1.37E-06
209	487677.14	3857028.23	1.86E-03	1.81E-03	1.79E-03	6.43E-07	1.94E-06	1.12E-06	1.10E-06	9.94E-07	4.53E-07	4.47E-07	2.15E-08	5.18E-07	1.14E-07	1.49E-07	2.36E-07	4.16E-08	2.35E-07	1.32E-06
210	487727.14	3857028.23	1.78E-03	1.74E-03	1.72E-03	6.18E-07	1.87E-06	1.08E-06	1.05E-06	9.55E-07	4.36E-07	4.30E-07	2.06E-08	4.98E-07	1.10E-07	1.43E-07	2.27E-07	4.00E-08	2.26E-07	1.26E-06
211	487777.14	3857028.23	1.72E-03	1.68E-03	1.66E-03	5.95E-07	1.80E-06	1.04E-06	1.01E-06	9.20E-07	4.20E-07	4.14E-07	1.99E-08	4.80E-07	1.06E-07	1.38E-07	2.19E-07	3.85E-08	2.17E-07	1.22E-06
212	487427.14	3857078.23	2.58E-03	2.52E-03	2.48E-03	8.92E-07	2.69E-06	1.56E-06	1.52E-06	1.38E-06	6.30E-07	6.21E-07	2.98E-08	7.20E-07	1.59E-07	2.07E-07	3.28E-07	5.78E-08	3.26E-07	1.83E-06
213	487477.14	3857078.23	2.41E-03	2.35E-03	2.32E-03	8.35E-07	2.52E-06	1.46E-06	1.42E-06	1.29E-06	5.89E-07	5.81E-07	2.79E-08	6.73E-07	1.49E-07	1.93E-07	3.07E-07	5.41E-08	3.05E-07	1.71E-06

214	487527.14	3857078.23	2.27E-03	2.22E-03	2.19E-03	7.86E-07	2.37E-06	1.37E-06	1.34E-06	1.22E-06	5.55E-07	5.47E-07	2.63E-08	6.34E-07	1.40E-07	1.82E-07	2.89E-07	5.09E-08	2.87E-07	1.61E-06
215	487577.14	3857078.23	2.15E-03	2.10E-03	2.07E-03	7.45E-07	2.25E-06	1.30E-06	1.27E-06	1.15E-06	5.25E-07	5.18E-07	2.49E-08	6.01E-07	1.33E-07	1.72E-07	2.74E-07	4.82E-08	2.72E-07	1.52E-06
216	487627.14	3857078.23	2.04E-03	2.00E-03	1.97E-03	7.08E-07	2.14E-06	1.24E-06	1.21E-06	1.09E-06	4.99E-07	4.93E-07	2.36E-08	5.71E-07	1.26E-07	1.64E-07	2.60E-07	4.58E-08	2.59E-07	1.45E-06
217	487677.14	3857078.23	1.95E-03	1.91E-03	1.88E-03	6.76E-07	2.04E-06	1.18E-06	1.15E-06	1.05E-06	4.77E-07	4.71E-07	2.26E-08	5.45E-07	1.20E-07	1.57E-07	2.48E-07	4.38E-08	2.47E-07	1.38E-06
218	487727.14	3857078.23	1.87E-03	1.83E-03	1.80E-03	6.48E-07	1.96E-06	1.13E-06	1.10E-06	1.00E-06	4.57E-07	4.51E-07	2.16E-08	5.22E-07	1.15E-07	1.50E-07	2.38E-07	4.19E-08	2.37E-07	1.33E-06
219	487777.14	3857078.23	1.80E-03	1.75E-03	1.73E-03	6.22E-07	1.88E-06	1.09E-06	1.06E-06	9.62E-07	4.39E-07	4.33E-07	2.08E-08	5.02E-07	1.11E-07	1.44E-07	2.29E-07	4.03E-08	2.27E-07	1.27E-06
220	487427.14	3857128.23	2.80E-03	2.73E-03	2.70E-03	9.69E-07	2.93E-06	1.69E-06	1.65E-06	1.50E-06	6.84E-07	6.75E-07	3.24E-08	7.82E-07	1.72E-07	2.24E-07	3.56E-07	6.27E-08	3.54E-07	1.98E-06
221	487477.14	3857128.23	2.60E-03	2.54E-03	2.50E-03	9.00E-07	2.72E-06	1.57E-06	1.53E-06	1.39E-06	6.35E-07	6.26E-07	3.00E-08	7.26E-07	1.60E-07	2.08E-07	3.31E-07	5.83E-08	3.29E-07	1.84E-06
222	487527.14	3857128.23	2.43E-03	2.37E-03	2.34E-03	8.42E-07	2.54E-06	1.47E-06	1.44E-06	1.30E-06	5.94E-07	5.86E-07	2.81E-08	6.79E-07	1.50E-07	1.95E-07	3.09E-07	5.45E-08	3.08E-07	1.72E-06
223	487577.14	3857128.23	2.29E-03	2.23E-03	2.21E-03	7.93E-07	2.39E-06	1.39E-06	1.35E-06	1.23E-06	5.59E-07	5.52E-07	2.65E-08	6.39E-07	1.41E-07	1.84E-07	2.91E-07	5.13E-08	2.90E-07	1.62E-06
224	487627.14	3857128.23	2.17E-03	2.12E-03	2.09E-03	7.50E-07	2.27E-06	1.31E-06	1.28E-06	1.16E-06	5.29E-07	5.22E-07	2.51E-08	6.05E-07	1.34E-07	1.74E-07	2.76E-07	4.86E-08	2.74E-07	1.54E-06
225	487677.14	3857128.23	2.06E-03	2.01E-03	1.98E-03	7.14E-07	2.15E-06	1.25E-06	1.22E-06	1.10E-06	5.03E-07	4.97E-07	2.38E-08	5.76E-07	1.27E-07	1.65E-07	2.62E-07	4.62E-08	2.61E-07	1.46E-06
226	487727.14	3857128.23	1.97E-03	1.92E-03	1.90E-03	6.81E-07	2.06E-06	1.19E-06	1.16E-06	1.05E-06	4.81E-07	4.74E-07	2.28E-08	5.50E-07	1.21E-07	1.58E-07	2.50E-07	4.41E-08	2.49E-07	1.39E-06
227	487777.14	3857128.23	1.89E-03	1.84E-03	1.82E-03	6.53E-07	1.97E-06	1.14E-06	1.11E-06	1.01E-06	4.60E-07	4.54E-07	2.18E-08	5.26E-07	1.16E-07	1.51E-07	2.40E-07	4.23E-08	2.38E-07	1.34E-06
228	488049.44	3856539.39	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.55E-07	5.94E-07	2.71E-07	2.67E-07	1.28E-08	3.10E-07	6.84E-08	8.89E-08	1.41E-07	2.49E-08	1.40E-07	7.86E-07
229	488099.44	3856539.39	1.09E-03	1.06E-03	1.05E-03	3.77E-07	1.14E-06	6.59E-07	6.43E-07	5.83E-07	2.66E-07	2.63E-07	1.26E-08	3.04E-07	6.71E-08	8.73E-08	1.39E-07	2.44E-08	1.38E-07	7.72E-07
230	488149.44	3856539.39	1.07E-03	1.04E-03	1.03E-03	3.71E-07	1.12E-06	6.48E-07	6.32E-07	5.73E-07	2.62E-07	2.58E-07	1.24E-08	2.99E-07	6.60E-08	8.58E-08	1.36E-07	2.40E-08	1.35E-07	7.59E-07
231	488049.44	3856589.39	1.14E-03	1.11E-03	1.09E-03	3.93E-07	1.19E-06	6.87E-07	6.70E-07	6.08E-07	2.77E-07	2.74E-07	1.31E-08	3.17E-07	6.99E-08	9.10E-08	1.44E-07	2.54E-08	1.44E-07	8.04E-07
232	488099.44	3856589.39	1.11E-03	1.09E-03	1.07E-03	3.86E-07	1.16E-06	6.74E-07	6.58E-07	5.96E-07	2.72E-07	2.68E-07	1.29E-08	3.11E-07	6.86E-08	8.93E-08	1.42E-07	2.50E-08	1.41E-07	7.89E-07
233	488149.44	3856589.39	1.09E-03	1.07E-03	1.05E-03	3.79E-07	1.14E-06	6.62E-07	6.46E-07	5.86E-07	2.67E-07	2.64E-07	1.27E-08	3.06E-07	6.74E-08	8.77E-08	1.39E-07	2.45E-08	1.38E-07	7.76E-07
234	488199.44	3856589.39	1.07E-03	1.05E-03	1.04E-03	3.72E-07	1.12E-06	6.50E-07	6.35E-07	5.75E-07	2.63E-07	2.59E-07	1.24E-08	3.00E-07	6.62E-08	8.62E-08	1.37E-07	2.41E-08	1.36E-07	7.62E-07
235	488249.44	3856589.39	1.06E-03	1.03E-03	1.02E-03	3.67E-07	1.11E-06	6.41E-07	6.26E-07	5.67E-07	2.59E-07	2.55E-07	1.22E-08	2.96E-07	6.53E-08	8.49E-08	1.35E-07	2.37E-08	1.34E-07	7.51E-07
236	488049.44	3856639.39	1.16E-03	1.13E-03	1.12E-03	4.02E-07	1.21E-06	7.03E-07	6.86E-07	6.22E-07	2.84E-07	2.80E-07	1.34E-08	3.24E-07	7.16E-08	9.32E-08	1.48E-07	2.60E-08	1.47E-07	8.23E-07
237	488099.44	3856639.39	1.14E-03	1.11E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	6.73E-07	6.10E-07	2.78E-07	2.75E-07	1.32E-08	3.18E-07	7.02E-08	9.14E-08	1.45E-07	2.56E-08	1.44E-07	8.08E-07
238	488149.44	3856639.39	1.12E-03	1.09E-03	1.08E-03	3.87E-07	1.17E-06	6.77E-07	6.61E-07	5.99E-07	2.73E-07	2.70E-07	1.29E-08	3.12E-07	6.89E-08	8.97E-08	1.42E-07	2.51E-08	1.42E-07	7.93E-07
239	488199.44	3856639.39	1.10E-03	1.07E-03	1.06E-03	3.81E-07	1.15E-06	6.66E-07	6.50E-07	5.89E-07	2.69E-07	2.65E-07	1.27E-08	3.07E-07	6.78E-08	8.82E-08	1.40E-07	2.47E-08	1.39E-07	7.80E-07
240	488249.44	3856639.39	1.08E-03	1.06E-03	1.04E-03	3.74E-07	1.13E-06	6.54E-07	6.39E-07	5.79E-07	2.64E-07	2.61E-07	1.25E-08	3.02E-07	6.66E-08	8.67E-08	1.38E-07	2.42E-08	1.37E-07	7.66E-07
241	488299.44	3856639.39	1.06E-03	1.04E-03	1.02E-03	3.68E-07	1.11E-06	6.44E-07	6.28E-07	5.70E-07	2.60E-07	2.56E-07	1.23E-08	2.97E-07	6.56E-08	8.53E-08	1.35E-07	2.39E-08	1.35E-07	7.54E-07
242	488349.44	3856639.39	1.05E-03	1.02E-03	1.01E-03	3.62E-07	1.09E-06	6.33E-07	6.18E-07	5.60E-07	2.56E-07	2.52E-07	1.21E-08	2.92E-07	6.45E-08	8.39E-08	1.33E-07	2.35E-08	1.32E-07	7.42E-07
243	488399.44	3856639.39	1.03E-03	1.01E-03	9.93E-04	3.57E-07	1.08E-06	6.24E-07	6.09E-07	5.52E-07	2.52E-07	2.49E-07	1.19E-08	2.88E-07	6.36E-08	8.27E-08	1.31E-07	2.31E-08	1.30E-07	7.31E-07
244	488099.44	3856689.39	1.17E-03	1.14E-03	1.12E-03	4.04E-07	1.22E-06	7.07E-07	6.90E-07	6.25E-07	2.85E-07	2.81E-07	1.35E-08	3.26E-07	7.20E-08	9.36E-08	1.49E-07	2.62E-08	1.48E-07	8.28E-07
245	488149.44	3856689.39	1.15E-03	1.12E-03	1.10E-03	3.97E-07	1.20E-06	6.93E-07	6.76E-07	6.13E-07	2.80E-07	2.76E-07	1.32E-08	3.20E-07	7.06E-08	9.18E-08	1.46E-07	2.57E-08	1.45E-07	8.12E-07
246	488199.44	3856689.39	1.13E-03	1.10E-03	1.08E-03	3.89E-07	1.18E-06	6.81E-07	6.64E-07	6.02E-07	2.75E-07	2.71E-07	1.30E-08	3.14E-07	6.93E-08	9.02E-08	1.43E-07	2.52E-08	1.42E-07	7.97E-07
247	488249.44	3856689.39	1.10E-03	1.08E-03	1.06E-03	3.82E-07	1.15E-06	6.68E-07	6.52E-07	5.91E-07	2.70E-07	2.66E-07	1.28E-08	3.08E-07	6.81E-08	8.86E-08	1.40E-07	2.48E-08	1.40E-07	7.83E-07
248	488299.44	3856689.39	1.09E-03	1.06E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.42E-07	5.82E-07	2.66E-07	2.62E-07	1.26E-08	3.04E-07	6.70E-08	8.72E-08	1.38E-07	2.44E-08	1.38E-07	7.71E-07
249	488349.44	3856689.39	1.07E-03	1.04E-03	1.03E-03	3.70E-07	1.12E-06	6.47E-07	6.32E-07	5.72E-07	2.61E-07	2.58E-07	1.24E-08	2.99E-07	6.59E-08	8.57E-08	1.36E-07	2.40E-08	1.35E-07	7.58E-07
250	488399.44	3856689.39	1.05E-03	1.03E-03	1.01E-03	3.64E-07	1.10E-06	6.36E-07	6.20E-07	5.62E-07	2.57E-07	2.53E-07	1.21E-08	2.93E-07	6.47E-08	8.42E-08	1.34E-07	2.35E-08	1.33E-07	7.44E-07
251	488099.44	3856739.39	1.20E-03	1.17E-03	1.15E-03	4.15E-07	1.25E-06	7.25E-07	7.07E-07	6.41E-07	2.93E-07	2.89E-07	1.38E-08	3.34E-07	7.38E-08	9.60E-08	1.52E-07	2.68E-08	1.51E-07	8.49E-07
252	488149.44	3856739.39	1.17E-03	1.14E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	6.93E-07	6.28E-07	2.87E-07	2.83E-07	1.36E-08	3.28E-07	7.23E-08	9.41E-08	1.49E-07	2.63E-08	1.48E-07	8.31E-07
253	488199.44	3856739.39	1.15E-03	1.12E-03	1.11E-03	3.99E-07	1.20E-06	6.97E-07	6.80E-07	6.17E-07	2.81E-07	2.78E-07	1.33E-08	3.22E-07	7.10E-08	9.24E-08	1.47E-07	2.58E-08	1.46E-07	8.17E-07
254	488249.44	3856739.39	1.13E-03	1.10E-03	1.09E-03	3.91E-07	1.18E-06	6.84E-07	6.68E-07	6.05E-07	2.76E-07	2.73E-07	1.31E-08	3.16E-07	6.97E-08	9.07E-08	1.44E-07	2.53E-08	1.43E-07	8.01E-07
255	488299.44	3856739.39	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.55E-07	5.94E-07	2.71E-07	2.67E-07	1.28E-08	3.10E-07	6.84E-08	8.89E-08	1.41E-07	2.49E-08	1.40E-07	7.86E-07
256	488349.44	3856739.39	1.09E-03	1.07E-03	1.05E-03	3.78E-07	1.14E-06	6.61E-07	6.45E-07	5.85E-07	2.67E-07	2.63E-07	1.26E-08	3.05E-07	6.73E-08	8.76E-08	1.39E-07	2.45E-08	1.38E-07	7.74E-07
257	488399.44	3856739.39	1.08E-03	1.05E-03	1.04E-03	3.73E-07	1.12E-06	6.51E-07	6.35E-07	5.76E-07	2.63E-07	2.59E-07	1.24E-08	3.00E-07	6.63E-08	8.63E-08	1.37E-07	2.41E-08	1.36E-07	7.63E-07
258	487999.44	3856789.39	1.28E-03	1.25E-03	1.23E-03	4.44E-07	1.34E-06	7.76E-07	7.57E-07	6.86E-07	3.13E-07	3.09E-07	1.48E-08	3.58E-07	7.90E-08	1.03E-07	1.63E-07	2.87E-08	1.62E-07	9.08E-07
259	488049.44	3856789.39	1.25E-03	1.22E-03	1.21E-03	4.34E-07	1.31E-06	7.59E-07	7.40E-07	6.71E-07	3.06E-07	3.02E-07	1.45E-08	3.50E-07	7.72E-08	1.01E-07	1.59E-07	2.81E-08	1.59E-07	8.88E-07
260	488099.44	3856789.39	1.23E-03	1.20E-03	1.18E-03	4.25E-07	1.28E-06	7.44E-07	7.26E-07	6.58E-07	3.00E-07	2.96E-07	1.42E-08	3.43E-07	7.57E-08	9.85E-08	1.56E-07	2.75E-08	1.55E-07	8.71E-07
261	488149.44	3856789.39	1.20E-03	1.17E-03	1.16E-03	4.17E-07	1.26E-06	7.28E-07	7.11E-07	6.44E-07	2.94E-07	2.90E-07	1.39E-08	3.36E-07	7.42E-08	9.65E-08	1.53E-07	2.70E-08	1.52E-07	8.53E-07
262	488199.44	3856789.39	1.18E-03	1.15E-03	1.14E-03	4.09E-07	1.23E-06	7.14E-07	6.97E-07	6.32E-07	2.88E-07	2.85E-07	1.36E-08	3.30E-07	7.27E-08	9.47E-08	1.50E-07	2.65E-08	1.49E-07	8.37E-07
263	488249.44	3856789.39	1.16E-03	1.13E-03	1.11E-03	4.01E-07	1.21E-06	7.01E-07	6.84E-07	6.20E-07	2.83E-07	2.79E-07	1.34E-08	3.23E-07	7.13E-08	9.28E-08	1.47E-07	2.60E-08	1.46E-07	8.21E-07
264	488299.44	3856789.39	1.14E-03	1.11E-03	1.09E-03	3.93E-07	1.19E-06	6.87E-07	6.71E-07	6.08E-07	2.77E-07	2.74E-07	1.31E-08	3.17E-07	7.00E-08	9.11E-08	1.44E-07	2.55E-08	1.44E-07	8.05E-07
265	488349.44	3856789.39	1.12E-03	1.09E-03	1.08E-03	3.87E-07	1.17E-06	6.76E-07	6.60E-07	5.98E-07	2.73E-07	2.69E-07	1.29E-08	3.12E-07	6.89E-08	8.96E-08	1.42E-07	2.51E-08	1.41E-07	7.92E-07
266	488399.44	3856789.39	1.10E-03	1.07E-03	1.06E-03	3.81E-07	1.15E-06	6.65E-07	6.49E-07	5.88E-07	2.69E-07	2.65E-07	1.27E-08	3.07E-07	6.77E-08	8.81E-08	1.40E-07	2.46E-08	1.39E-07	7.79E-07
267	487949.44	3856839.39	1.35E-03	1.32E-03	1.30E-03	4.68E-07	1.41E-06	8.18E-07	7.98E-07	7.23E-07	3.30E-07	3.26E-07	1.56E-08	3.77E-07	8.33E-08	1.08E-07	1.72E-07	3.03E-08	1.71E-07	9.58E-07
268	487999.44	3856839.39	1.32E-03	1.29E-03	1.27E-03	4.57E-07	1.38E-06	7.98E-07	7.79E-07	7.06E-07	3.22E-07	3.18E-07	1.53E-08	3.68E-07	8.13E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.35E-07

269	488049.44	3856839.39	1.29E-03	1.26E-03	1.24E-03	4.46E-07	1.35E-06	7.80E-07	7.61E-07	6.90E-07	3.15E-07	3.11E-07	1.49E-08	3.60E-07	7.94E-08	1.03E-07	1.64E-07	2.89E-08	1.63E-07	9.13E-07
270	488099.44	3856839.39	1.26E-03	1.23E-03	1.21E-03	4.37E-07	1.32E-06	7.63E-07	7.45E-07	6.75E-07	3.08E-07	3.04E-07	1.46E-08	3.52E-07	7.77E-08	1.01E-07	1.60E-07	2.83E-08	1.60E-07	8.94E-07
271	488149.44	3856839.39	1.24E-03	1.21E-03	1.19E-03	4.28E-07	1.29E-06	7.48E-07	7.29E-07	6.61E-07	3.02E-07	2.98E-07	1.43E-08	3.45E-07	7.61E-08	9.90E-08	1.57E-07	2.77E-08	1.56E-07	8.75E-07
272	488199.44	3856839.39	1.21E-03	1.18E-03	1.17E-03	4.19E-07	1.27E-06	7.33E-07	7.15E-07	6.48E-07	2.96E-07	2.92E-07	1.40E-08	3.38E-07	7.46E-08	9.71E-08	1.54E-07	2.71E-08	1.53E-07	8.58E-07
273	487949.44	3856889.39	1.39E-03	1.36E-03	1.34E-03	4.82E-07	1.46E-06	8.43E-07	8.23E-07	7.46E-07	3.40E-07	3.36E-07	1.61E-08	3.89E-07	8.59E-08	1.12E-07	1.77E-07	3.12E-08	1.76E-07	9.87E-07
274	487999.44	3856889.39	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.23E-07	8.03E-07	7.28E-07	3.32E-07	3.28E-07	1.57E-08	3.80E-07	8.38E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.64E-07
275	488049.44	3856889.39	1.33E-03	1.29E-03	1.28E-03	4.59E-07	1.39E-06	8.03E-07	7.83E-07	7.10E-07	3.24E-07	3.20E-07	1.53E-08	3.70E-07	8.17E-08	1.06E-07	1.69E-07	2.97E-08	1.68E-07	9.40E-07
276	488099.44	3856889.39	1.30E-03	1.27E-03	1.25E-03	4.49E-07	1.36E-06	7.85E-07	7.66E-07	6.94E-07	3.17E-07	3.13E-07	1.50E-08	3.62E-07	7.99E-08	1.04E-07	1.65E-07	2.91E-08	1.64E-07	9.19E-07
277	488635.86	3857895.05	2.08E-03	2.03E-03	2.00E-03	7.19E-07	2.17E-06	1.26E-06	1.23E-06	1.11E-06	5.07E-07	5.00E-07	2.40E-08	5.80E-07	1.28E-07	1.66E-07	2.64E-07	4.65E-08	2.63E-07	1.47E-06
278	489137.64	3857804.15	1.43E-03	1.39E-03	1.37E-03	4.94E-07	1.49E-06	8.63E-07	8.42E-07	7.63E-07	3.48E-07	3.44E-07	1.65E-08	3.98E-07	8.79E-08	1.14E-07	1.81E-07	3.20E-08	1.80E-07	1.01E-06
279	488617.32	3857859.41	2.03E-03	1.98E-03	1.95E-03	7.02E-07	2.12E-06	1.23E-06	1.20E-06	1.09E-06	4.95E-07	4.89E-07	2.35E-08	5.66E-07	1.25E-07	1.63E-07	2.58E-07	4.55E-08	2.57E-07	1.44E-06
280	488667.32	3857859.41	1.95E-03	1.91E-03	1.88E-03	6.76E-07	2.04E-06	1.18E-06	1.15E-06	1.05E-06	4.77E-07	4.71E-07	2.26E-08	5.45E-07	1.20E-07	1.57E-07	2.48E-07	4.38E-08	2.47E-07	1.38E-06
281	488717.32	3857859.41	1.88E-03	1.84E-03	1.81E-03	6.52E-07	1.97E-06	1.14E-06	1.11E-06	1.01E-06	4.60E-07	4.54E-07	2.18E-08	5.26E-07	1.16E-07	1.51E-07	2.40E-07	4.22E-08	2.38E-07	1.34E-06
282	488767.32	3857859.41	1.82E-03	1.78E-03	1.76E-03	6.31E-07	1.91E-06	1.10E-06	1.08E-06	9.76E-07	4.46E-07	4.40E-07	2.11E-08	5.09E-07	1.12E-07	1.46E-07	2.32E-07	4.09E-08	2.31E-07	1.29E-06
283	488617.32	3857909.41	2.14E-03	2.09E-03	2.06E-03	7.40E-07	2.24E-06	1.29E-06	1.26E-06	1.14E-06	5.22E-07	5.15E-07	2.47E-08	5.97E-07	1.32E-07	1.71E-07	2.72E-07	4.79E-08	2.70E-07	1.52E-06
284	488667.32	3857909.41	2.06E-03	2.01E-03	1.98E-03	7.13E-07	2.15E-06	1.25E-06	1.22E-06	1.10E-06	5.03E-07	4.97E-07	2.38E-08	5.75E-07	1.27E-07	1.65E-07	2.62E-07	4.62E-08	2.61E-07	1.46E-06
285	488717.32	3857909.41	1.98E-03	1.93E-03	1.91E-03	6.85E-07	2.07E-06	1.20E-06	1.17E-06	1.06E-06	4.83E-07	4.77E-07	2.29E-08	5.52E-07	1.22E-07	1.59E-07	2.52E-07	4.43E-08	2.50E-07	1.40E-06
286	488767.32	3857909.41	1.91E-03	1.87E-03	1.84E-03	6.62E-07	2.00E-06	1.16E-06	1.13E-06	1.02E-06	4.67E-07	4.61E-07	2.21E-08	5.34E-07	1.18E-07	1.53E-07	2.43E-07	4.28E-08	2.42E-07	1.35E-06
287	488417.32	3857959.41	2.77E-03	2.70E-03	2.67E-03	9.58E-07	2.89E-06	1.68E-06	1.63E-06	1.48E-06	6.76E-07	6.67E-07	3.20E-08	7.73E-07	1.71E-07	2.22E-07	3.52E-07	6.20E-08	3.50E-07	1.96E-06
288	488467.32	3857959.41	2.62E-03	2.55E-03	2.52E-03	9.06E-07	2.74E-06	1.58E-06	1.55E-06	1.40E-06	6.39E-07	6.31E-07	3.03E-08	7.31E-07	1.61E-07	2.10E-07	3.33E-07	5.87E-08	3.31E-07	1.86E-06
289	488517.32	3857959.41	2.49E-03	2.43E-03	2.40E-03	8.62E-07	2.60E-06	1.51E-06	1.47E-06	1.33E-06	6.08E-07	6.00E-07	2.88E-08	6.95E-07	1.53E-07	2.00E-07	3.17E-07	5.58E-08	3.15E-07	1.76E-06
290	488567.32	3857959.41	2.37E-03	2.32E-03	2.28E-03	8.21E-07	2.48E-06	1.44E-06	1.40E-06	1.27E-06	5.80E-07	5.72E-07	2.74E-08	6.63E-07	1.46E-07	1.90E-07	3.02E-07	5.32E-08	3.00E-07	1.68E-06
291	488617.32	3857959.41	2.27E-03	2.21E-03	2.18E-03	7.85E-07	2.37E-06	1.37E-06	1.34E-06	1.21E-06	5.54E-07	5.46E-07	2.62E-08	6.33E-07	1.40E-07	1.82E-07	2.88E-07	5.08E-08	2.87E-07	1.61E-06
292	488667.32	3857959.41	2.17E-03	2.12E-03	2.09E-03	7.52E-07	2.27E-06	1.31E-06	1.28E-06	1.16E-06	5.31E-07	5.23E-07	2.51E-08	6.07E-07	1.34E-07	1.74E-07	2.76E-07	4.87E-08	2.75E-07	1.54E-06
293	488717.32	3857959.41	2.09E-03	2.04E-03	2.01E-03	7.23E-07	2.18E-06	1.26E-06	1.23E-06	1.12E-06	5.10E-07	5.03E-07	2.41E-08	5.83E-07	1.29E-07	1.67E-07	2.66E-07	4.68E-08	2.64E-07	1.48E-06
294	488767.32	3857959.41	2.01E-03	1.96E-03	1.94E-03	6.96E-07	2.10E-06	1.22E-06	1.19E-06	1.08E-06	4.91E-07	4.85E-07	2.32E-08	5.61E-07	1.24E-07	1.61E-07	2.56E-07	4.51E-08	2.54E-07	1.42E-06
295	488417.32	3858009.41	3.00E-03	2.92E-03	2.88E-03	1.04E-06	3.13E-06	1.81E-06	1.77E-06	1.60E-06	7.32E-07	7.22E-07	3.46E-08	8.36E-07	1.85E-07	2.40E-07	3.81E-07	6.71E-08	3.79E-07	2.12E-06
296	488467.32	3858009.41	2.82E-03	2.75E-03	2.72E-03	9.77E-07	2.95E-06	1.71E-06	1.67E-06	1.51E-06	6.89E-07	6.80E-07	3.26E-08	7.88E-07	1.74E-07	2.26E-07	3.59E-07	6.32E-08	3.57E-07	2.00E-06
297	488517.32	3858009.41	2.67E-03	2.60E-03	2.57E-03	9.24E-07	2.79E-06	1.61E-06	1.58E-06	1.43E-06	6.52E-07	6.43E-07	3.08E-08	7.45E-07	1.64E-07	2.14E-07	3.39E-07	5.98E-08	3.37E-07	1.89E-06
298	488567.32	3858009.41	2.54E-03	2.47E-03	2.44E-03	8.78E-07	2.65E-06	1.53E-06	1.50E-06	1.36E-06	6.19E-07	6.11E-07	2.93E-08	7.08E-07	1.56E-07	2.03E-07	3.23E-07	5.68E-08	3.21E-07	1.80E-06
299	488617.32	3858009.41	2.41E-03	2.35E-03	2.32E-03	8.35E-07	2.52E-06	1.46E-06	1.42E-06	1.29E-06	5.89E-07	5.81E-07	2.79E-08	6.74E-07	1.49E-07	1.93E-07	3.07E-07	5.41E-08	3.05E-07	1.71E-06
300	488667.32	3858009.41	2.30E-03	2.25E-03	2.22E-03	7.97E-07	2.41E-06	1.39E-06	1.36E-06	1.23E-06	5.62E-07	5.55E-07	2.66E-08	6.43E-07	1.42E-07	1.85E-07	2.93E-07	5.16E-08	2.91E-07	1.63E-06
301	488717.32	3858009.41	2.21E-03	2.15E-03	2.13E-03	7.64E-07	2.31E-06	1.34E-06	1.30E-06	1.18E-06	5.39E-07	5.32E-07	2.55E-08	6.16E-07	1.36E-07	1.77E-07	2.81E-07	4.95E-08	2.79E-07	1.56E-06
302	488767.32	3858009.41	2.12E-03	2.07E-03	2.04E-03	7.34E-07	2.22E-06	1.28E-06	1.25E-06	1.14E-06	5.18E-07	5.11E-07	2.45E-08	5.92E-07	1.31E-07	1.70E-07	2.70E-07	4.75E-08	2.68E-07	1.50E-06
303	488417.32	3858059.41	3.27E-03	3.19E-03	3.15E-03	1.13E-06	3.42E-06	1.98E-06	1.93E-06	1.75E-06	8.00E-07	7.89E-07	3.78E-08	9.14E-07	2.02E-07	2.62E-07	4.16E-07	7.34E-08	4.14E-07	2.32E-06
304	488467.32	3858059.41	3.06E-03	2.99E-03	2.95E-03	1.06E-06	3.20E-06	1.85E-06	1.81E-06	1.64E-06	7.48E-07	7.38E-07	3.54E-08	8.55E-07	1.89E-07	2.46E-07	3.89E-07	6.86E-08	3.87E-07	2.17E-06
305	488517.32	3858059.41	2.88E-03	2.81E-03	2.77E-03	9.97E-07	3.01E-06	1.74E-06	1.70E-06	1.54E-06	7.03E-07	6.94E-07	3.33E-08	8.04E-07	1.77E-07	2.31E-07	3.66E-07	6.45E-08	3.64E-07	2.04E-06
306	488567.32	3858059.41	2.72E-03	2.66E-03	2.62E-03	9.43E-07	2.85E-06	1.65E-06	1.61E-06	1.46E-06	6.65E-07	6.57E-07	3.15E-08	7.61E-07	1.68E-07	2.18E-07	3.46E-07	6.11E-08	3.45E-07	1.93E-06
307	488617.32	3858059.41	2.59E-03	2.52E-03	2.49E-03	8.95E-07	2.70E-06	1.56E-06	1.53E-06	1.38E-06	6.32E-07	6.23E-07	2.99E-08	7.22E-07	1.59E-07	2.07E-07	3.29E-07	5.80E-08	3.27E-07	1.83E-06
308	488667.32	3858059.41	2.46E-03	2.40E-03	2.37E-03	8.51E-07	2.57E-06	1.49E-06	1.45E-06	1.32E-06	6.00E-07	5.92E-07	2.84E-08	6.86E-07	1.51E-07	1.97E-07	3.13E-07	5.51E-08	3.11E-07	1.74E-06
309	488417.32	3858109.41	3.59E-03	3.50E-03	3.45E-03	1.24E-06	3.75E-06	2.17E-06	2.12E-06	1.92E-06	8.76E-07	8.64E-07	4.14E-08	1.00E-06	2.21E-07	2.87E-07	4.56E-07	8.04E-08	4.53E-07	2.54E-06
310	488467.32	3858109.41	3.34E-03	3.26E-03	3.21E-03	1.16E-06	3.49E-06	2.02E-06	1.97E-06	1.79E-06	8.15E-07	8.04E-07	3.86E-08	9.32E-07	2.06E-07	2.68E-07	4.24E-07	7.48E-08	4.22E-07	2.37E-06
311	488517.32	3858109.41	3.13E-03	3.05E-03	3.01E-03	1.08E-06	3.27E-06	1.89E-06	1.85E-06	1.67E-06	7.64E-07	7.54E-07	3.62E-08	8.74E-07	1.93E-07	2.51E-07	3.98E-07	7.01E-08	3.96E-07	2.22E-06
312	488567.32	3858109.41	2.94E-03	2.87E-03	2.83E-03	1.02E-06	3.07E-06	1.78E-06	1.74E-06	1.57E-06	7.18E-07	7.09E-07	3.40E-08	8.21E-07	1.81E-07	2.36E-07	3.74E-07	6.59E-08	3.72E-07	2.08E-06
313	488617.32	3858109.41	2.78E-03	2.71E-03	2.68E-03	9.62E-07	2.90E-06	1.68E-06	1.64E-06	1.49E-06	6.79E-07	6.70E-07	3.21E-08	7.76E-07	1.71E-07	2.23E-07	3.53E-07	6.23E-08	3.51E-07	1.97E-06
314	488667.32	3858109.41	2.63E-03	2.57E-03	2.53E-03	9.11E-07	2.75E-06	1.59E-06	1.55E-06	1.41E-06	6.42E-07	6.34E-07	3.04E-08	7.34E-07	1.62E-07	2.11E-07	3.34E-07	5.90E-08	3.33E-07	1.86E-06
315	488769.93	3858449.27	4.17E-03	4.07E-03	4.02E-03	1.44E-06	4.36E-06	2.52E-06	2.46E-06	2.23E-06	1.02E-06	1.01E-06	4.82E-08	1.16E-06	2.57E-07	3.34E-07	5.31E-07	9.35E-08	5.28E-07	2.96E-06
316	488819.93	3858449.27	3.84E-03	3.74E-03	3.69E-03	1.33E-06	4.01E-06	2.32E-06	2.27E-06	2.05E-06	9.37E-07	9.25E-07	4.44E-08	1.07E-06	2.36E-07	3.08E-07	4.88E-07	8.60E-08	4.85E-07	2.72E-06
317	488819.93	3858499.27	4.29E-03	4.19E-03	4.13E-03	1.49E-06	4.48E-06	2.60E-06	2.53E-06	2.30E-06	1.05E-06	1.03E-06	4.96E-08	1.20E-06	2.64E-07	3.44E-07	5.46E-07	9.62E-08	5.43E-07	3.04E-06
318	488869.93	3858499.27	3.94E-03	3.84E-03	3.79E-03	1.36E-06	4.12E-06	2.38E-06	2.33E-06	2.11E-06	9.62E-07	9.49E-07	4.55E-08	1.10E-06	2.43E-07	3.16E-07	5.01E-07	8.83E-08	4.98E-07	2.79E-06
319	488869.93	3858549.27	4.42E-03	4.31E-03	4.26E-03	1.53E-06	4.62E-06	2.68E-06	2.61E-06	2.37E-06	1.08E-06	1.07E-06	5.11E-08	1.23E-06	2.72E-07	3.54E-07	5.62E-07	9.91E-08	5.59E-07	3.13E-06
320	489438.17	3859571.48	1.90E-03	1.85E-03	1.82E-03	6.56E-07	1.98E-06	1.15E-06	1.12E-06	1.01E-06	4.63E-07	4.57E-07	2.19E-08	5.29E-07	1.17E-07	1.52E-07	2.41E-07	4.25E-08	2.40E-07	1.34E-06
321	489488.17	3859571.48	2.08E-03	2.03E-03	2.00E-03	7.19E-07	2.17E-06	1.26E-06	1.23E-06	1.11E-06	5.07E-07	5.00E-07	2.40E-08	5.80E-07	1.28E-07	1.66E-07	2.64E-07	4.65E-08	2.63E-07	1.47E-06
322	489538.17	3859571.48	2.30E-03	2.24E-03	2.21E-03	7.95E-07	2.40E-06	1.39E-06	1.36E-06	1.23E-06	5.61E-07	5.54E-07	2.66E-08	6.42E-07	1.42E-07	1.84E-07	2.92E-07	5.15E-08	2.91E-07	1.63E-06
323	489588.17	3859571.48	2.57E-03	2.51E-03	2.47E-03	8.89E-07	2.68E-06	1.55E-06	1.52E-06	1.37E-06	6.27E-07	6.19E-07	2.97E-08	7.17E-07	1.58E-07	2.06E-07	3.27E-07	5.76E-08	3.25E-07	1.82E-06

324	489438.17	3859621.48	1.64E-03	1.60E-03	1.58E-03	5.67E-07	1.71E-06	9.91E-07	9.67E-07	8.76E-07	4.00E-07	3.95E-07	1.89E-08	4.57E-07	1.01E-07	1.31E-07	2.08E-07	3.67E-08	2.07E-07	1.16E-06
325	489488.17	3859621.48	1.77E-03	1.72E-03	1.70E-03	6.12E-07	1.85E-06	1.07E-06	1.04E-06	9.46E-07	4.32E-07	4.26E-07	2.04E-08	4.93E-07	1.09E-07	1.42E-07	2.25E-07	3.96E-08	2.23E-07	1.25E-06
326	489538.17	3859621.48	1.92E-03	1.87E-03	1.85E-03	6.65E-07	2.01E-06	1.16E-06	1.13E-06	1.03E-06	4.69E-07	4.63E-07	2.22E-08	5.36E-07	1.18E-07	1.54E-07	2.44E-07	4.31E-08	2.43E-07	1.36E-06
327	489588.17	3859621.48	2.11E-03	2.06E-03	2.03E-03	7.31E-07	2.21E-06	1.28E-06	1.25E-06	1.13E-06	5.16E-07	5.09E-07	2.44E-08	5.89E-07	1.30E-07	1.69E-07	2.68E-07	4.73E-08	2.67E-07	1.50E-06
328	489238.17	3859671.48	1.16E-03	1.13E-03	1.11E-03	4.01E-07	1.21E-06	7.00E-07	6.83E-07	6.20E-07	2.83E-07	2.79E-07	1.34E-08	3.23E-07	7.13E-08	9.28E-08	1.47E-07	2.59E-08	1.46E-07	8.20E-07
329	489288.17	3859671.48	1.22E-03	1.19E-03	1.17E-03	4.21E-07	1.27E-06	7.36E-07	7.18E-07	6.51E-07	2.97E-07	2.93E-07	1.41E-08	3.40E-07	7.49E-08	9.75E-08	1.55E-07	2.73E-08	1.54E-07	8.62E-07
330	489338.17	3859671.48	1.28E-03	1.25E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.58E-07	6.87E-07	3.14E-07	3.09E-07	1.48E-08	3.59E-07	7.91E-08	1.03E-07	1.63E-07	2.88E-08	1.62E-07	9.10E-07
331	489388.17	3859671.48	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.24E-07	8.04E-07	7.29E-07	3.33E-07	3.28E-07	1.57E-08	3.80E-07	8.39E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.65E-07
332	489438.17	3859671.48	1.45E-03	1.41E-03	1.39E-03	5.01E-07	1.51E-06	8.75E-07	8.54E-07	7.74E-07	3.53E-07	3.49E-07	1.67E-08	4.04E-07	8.91E-08	1.16E-07	1.84E-07	3.24E-08	1.83E-07	1.02E-06
333	489488.17	3859671.48	1.55E-03	1.51E-03	1.49E-03	5.36E-07	1.62E-06	9.37E-07	9.14E-07	8.28E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.54E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
334	489538.17	3859671.48	1.66E-03	1.62E-03	1.60E-03	5.75E-07	1.74E-06	1.01E-06	9.82E-07	8.90E-07	4.06E-07	4.01E-07	1.92E-08	4.64E-07	1.02E-07	1.33E-07	2.11E-07	3.73E-08	2.10E-07	1.18E-06
335	489588.17	3859671.48	1.80E-03	1.75E-03	1.73E-03	6.22E-07	1.88E-06	1.09E-06	1.06E-06	9.62E-07	4.39E-07	4.33E-07	2.08E-08	5.02E-07	1.11E-07	1.44E-07	2.29E-07	4.03E-08	2.27E-07	1.27E-06
336	489238.17	3859721.48	1.07E-03	1.04E-03	1.03E-03	3.69E-07	1.11E-06	6.45E-07	6.29E-07	5.70E-07	2.60E-07	2.57E-07	1.23E-08	2.98E-07	6.57E-08	8.54E-08	1.36E-07	2.39E-08	1.35E-07	7.55E-07
337	489288.17	3859721.48	1.12E-03	1.09E-03	1.08E-03	3.87E-07	1.17E-06	6.76E-07	6.60E-07	5.98E-07	2.73E-07	2.69E-07	1.29E-08	3.12E-07	6.88E-08	8.96E-08	1.42E-07	2.50E-08	1.41E-07	7.92E-07
338	489338.17	3859721.48	1.17E-03	1.14E-03	1.13E-03	4.06E-07	1.23E-06	7.09E-07	6.92E-07	6.27E-07	2.86E-07	2.82E-07	1.35E-08	3.27E-07	7.22E-08	9.40E-08	1.49E-07	2.63E-08	1.48E-07	8.31E-07
339	489388.17	3859721.48	1.23E-03	1.20E-03	1.19E-03	4.27E-07	1.29E-06	7.46E-07	7.28E-07	6.60E-07	3.01E-07	2.97E-07	1.43E-08	3.44E-07	7.60E-08	9.88E-08	1.57E-07	2.76E-08	1.56E-07	8.74E-07
340	489438.17	3859721.48	1.30E-03	1.27E-03	1.25E-03	4.50E-07	1.36E-06	7.87E-07	7.68E-07	6.96E-07	3.18E-07	3.13E-07	1.50E-08	3.63E-07	8.01E-08	1.04E-07	1.65E-07	2.91E-08	1.64E-07	9.21E-07
341	489488.17	3859721.48	1.38E-03	1.35E-03	1.33E-03	4.78E-07	1.44E-06	8.35E-07	8.14E-07	7.38E-07	3.37E-07	3.32E-07	1.59E-08	3.85E-07	8.50E-08	1.11E-07	1.75E-07	3.09E-08	1.74E-07	9.78E-07
342	489538.17	3859721.48	1.47E-03	1.43E-03	1.41E-03	5.08E-07	1.53E-06	8.88E-07	8.66E-07	7.85E-07	3.58E-07	3.54E-07	1.70E-08	4.10E-07	9.04E-08	1.18E-07	1.87E-07	3.29E-08	1.86E-07	1.04E-06
343	489588.17	3859721.48	1.57E-03	1.53E-03	1.51E-03	5.43E-07	1.64E-06	9.49E-07	9.26E-07	8.39E-07	3.83E-07	3.78E-07	1.81E-08	4.38E-07	9.66E-08	1.26E-07	1.99E-07	3.51E-08	1.98E-07	1.11E-06
344	489238.17	3859771.48	9.89E-04	9.66E-04	9.53E-04	3.43E-07	1.03E-06	5.99E-07	5.84E-07	5.30E-07	2.42E-07	2.38E-07	1.14E-08	2.76E-07	6.10E-08	7.93E-08	1.26E-07	2.22E-08	1.25E-07	7.01E-07
345	489288.17	3859771.48	1.03E-03	1.01E-03	9.95E-04	3.58E-07	1.08E-06	6.25E-07	6.10E-07	5.53E-07	2.52E-07	2.49E-07	1.19E-08	2.88E-07	6.36E-08	8.28E-08	1.31E-07	2.32E-08	1.31E-07	7.32E-07
346	489338.17	3859771.48	1.08E-03	1.05E-03	1.04E-03	3.73E-07	1.13E-06	6.52E-07	6.36E-07	5.77E-07	2.63E-07	2.60E-07	1.25E-08	3.01E-07	6.64E-08	8.64E-08	1.37E-07	2.42E-08	1.36E-07	7.64E-07
347	489388.17	3859771.48	1.13E-03	1.10E-03	1.09E-03	3.90E-07	1.18E-06	6.82E-07	6.66E-07	6.04E-07	2.75E-07	2.72E-07	1.30E-08	3.15E-07	6.95E-08	9.04E-08	1.43E-07	2.53E-08	1.43E-07	7.99E-07
348	489438.17	3859771.48	1.18E-03	1.15E-03	1.14E-03	4.09E-07	1.24E-06	7.15E-07	6.98E-07	6.33E-07	2.89E-07	2.85E-07	1.37E-08	3.30E-07	7.28E-08	9.48E-08	1.50E-07	2.65E-08	1.49E-07	8.38E-07
349	489488.17	3859771.48	1.25E-03	1.22E-03	1.20E-03	4.31E-07	1.30E-06	7.54E-07	7.36E-07	6.67E-07	3.04E-07	3.00E-07	1.44E-08	3.48E-07	7.68E-08	9.99E-08	1.58E-07	2.79E-08	1.58E-07	8.83E-07
350	489538.17	3859771.48	1.32E-03	1.28E-03	1.27E-03	4.55E-07	1.38E-06	7.96E-07	7.77E-07	7.04E-07	3.21E-07	3.17E-07	1.52E-08	3.67E-07	8.11E-08	1.05E-07	1.67E-07	2.95E-08	1.66E-07	9.32E-07
351	489588.17	3859771.48	1.39E-03	1.36E-03	1.34E-03	4.82E-07	1.45E-06	8.42E-07	8.22E-07	7.45E-07	3.40E-07	3.35E-07	1.61E-08	3.89E-07	8.58E-08	1.12E-07	1.77E-07	3.12E-08	1.76E-07	9.86E-07
352	489238.17	3859821.48	9.24E-04	9.02E-04	8.90E-04	3.20E-07	9.66E-07	5.59E-07	5.46E-07	4.95E-07	2.26E-07	2.23E-07	1.07E-08	2.58E-07	5.69E-08	7.41E-08	1.17E-07	2.07E-08	1.17E-07	6.55E-07
353	489288.17	3859821.48	9.61E-04	9.38E-04	9.25E-04	3.33E-07	1.00E-06	5.81E-07	5.67E-07	5.14E-07	2.35E-07	2.32E-07	1.11E-08	2.68E-07	5.92E-08	7.70E-08	1.22E-07	2.15E-08	1.22E-07	6.81E-07
354	489338.17	3859821.48	9.99E-04	9.74E-04	9.62E-04	3.46E-07	1.04E-06	6.04E-07	5.90E-07	5.34E-07	2.44E-07	2.41E-07	1.15E-08	2.79E-07	6.15E-08	8.01E-08	1.27E-07	2.24E-08	1.26E-07	7.08E-07
355	489388.17	3859821.48	1.04E-03	1.02E-03	1.00E-03	3.60E-07	1.09E-06	6.30E-07	6.15E-07	5.57E-07	2.54E-07	2.51E-07	1.20E-08	2.91E-07	6.41E-08	8.34E-08	1.32E-07	2.33E-08	1.32E-07	7.38E-07
356	489438.17	3859821.48	1.09E-03	1.06E-03	1.05E-03	3.77E-07	1.14E-06	6.58E-07	6.42E-07	5.82E-07	2.66E-07	2.62E-07	1.26E-08	3.04E-07	6.70E-08	8.72E-08	1.38E-07	2.44E-08	1.38E-07	7.71E-07
357	489488.17	3859821.48	1.14E-03	1.11E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	6.72E-07	6.10E-07	2.78E-07	2.74E-07	1.32E-08	3.18E-07	7.02E-08	9.13E-08	1.45E-07	2.55E-08	1.44E-07	8.07E-07
358	489538.17	3859821.48	1.19E-03	1.16E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.04E-07	6.39E-07	2.91E-07	2.88E-07	1.38E-08	3.33E-07	7.35E-08	9.57E-08	1.52E-07	2.67E-08	1.51E-07	8.46E-07
359	489588.17	3859821.48	1.25E-03	1.22E-03	1.21E-03	4.34E-07	1.31E-06	7.58E-07	7.40E-07	6.71E-07	3.06E-07	3.02E-07	1.45E-08	3.50E-07	7.72E-08	1.00E-07	1.59E-07	2.81E-08	1.58E-07	8.88E-07
360	489238.17	3859871.48	8.68E-04	8.47E-04	8.35E-04	3.00E-07	9.07E-07	5.25E-07	5.12E-07	4.64E-07	2.12E-07	2.09E-07	1.00E-08	2.42E-07	5.35E-08	6.95E-08	1.10E-07	1.94E-08	1.10E-07	6.15E-07
361	489288.17	3859871.48	8.99E-04	8.77E-04	8.65E-04	3.11E-07	9.39E-07	5.44E-07	5.31E-07	4.81E-07	2.19E-07	2.17E-07	1.04E-08	2.51E-07	5.54E-08	7.20E-08	1.14E-07	2.01E-08	1.14E-07	6.37E-07
362	489338.17	3859871.48	9.31E-04	9.09E-04	8.97E-04	3.22E-07	9.74E-07	5.64E-07	5.50E-07	4.99E-07	2.27E-07	2.24E-07	1.08E-08	2.60E-07	5.74E-08	7.47E-08	1.18E-07	2.09E-08	1.18E-07	6.60E-07
363	489388.17	3859871.48	9.68E-04	9.45E-04	9.32E-04	3.35E-07	1.01E-06	5.86E-07	5.72E-07	5.18E-07	2.36E-07	2.33E-07	1.12E-08	2.70E-07	5.97E-08	7.76E-08	1.23E-07	2.17E-08	1.22E-07	6.86E-07
364	489438.17	3859871.48	1.01E-03	9.84E-04	9.71E-04	3.49E-07	1.05E-06	6.10E-07	5.95E-07	5.40E-07	2.46E-07	2.43E-07	1.17E-08	2.81E-07	6.21E-08	8.08E-08	1.28E-07	2.26E-08	1.28E-07	7.14E-07
365	489488.17	3859871.48	1.05E-03	1.02E-03	1.01E-03	3.63E-07	1.10E-06	6.34E-07	6.19E-07	5.61E-07	2.56E-07	2.53E-07	1.21E-08	2.93E-07	6.46E-08	8.40E-08	1.33E-07	2.35E-08	1.33E-07	7.43E-07
366	489538.17	3859871.48	1.09E-03	1.07E-03	1.05E-03	3.78E-07	1.14E-06	6.61E-07	6.45E-07	5.84E-07	2.67E-07	2.63E-07	1.26E-08	3.05E-07	6.73E-08	8.75E-08	1.39E-07	2.45E-08	1.38E-07	7.74E-07
367	489588.17	3859871.48	1.14E-03	1.11E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	6.73E-07	6.10E-07	2.78E-07	2.75E-07	1.32E-08	3.18E-07	7.02E-08	9.14E-08	1.45E-07	2.55E-08	1.44E-07	8.08E-07
368	489238.17	3859921.48	8.19E-04	8.00E-04	7.89E-04	2.84E-07	8.56E-07	4.96E-07	4.84E-07	4.39E-07	2.00E-07	1.97E-07	9.47E-09	2.29E-07	5.05E-08	6.57E-08	1.04E-07	1.84E-08	1.04E-07	5.81E-07
369	489288.17	3859921.48	8.47E-04	8.26E-04	8.15E-04	2.93E-07	8.85E-07	5.12E-07	5.00E-07	4.53E-07	2.07E-07	2.04E-07	9.79E-09	2.36E-07	5.22E-08	6.79E-08	1.08E-07	1.90E-08	1.07E-07	6.00E-07
370	489338.17	3859921.48	8.75E-04	8.54E-04	8.43E-04	3.03E-07	9.15E-07	5.30E-07	5.17E-07	4.69E-07	2.14E-07	2.11E-07	1.01E-08	2.44E-07	5.39E-08	7.02E-08	1.11E-07	1.96E-08	1.11E-07	6.20E-07
371	489388.17	3859921.48	9.07E-04	8.85E-04	8.73E-04	3.14E-07	9.47E-07	5.48E-07	5.35E-07	4.85E-07	2.21E-07	2.18E-07	1.05E-08	2.53E-07	5.59E-08	7.27E-08	1.15E-07	2.03E-08	1.15E-07	6.42E-07
372	489438.17	3859921.48	9.38E-04	9.15E-04	9.03E-04	3.25E-07	9.80E-07	5.67E-07	5.54E-07	5.02E-07	2.29E-07	2.26E-07	1.08E-08	2.62E-07	5.78E-08	7.52E-08	1.19E-07	2.10E-08	1.19E-07	6.64E-07
373	489488.17	3859921.48	9.70E-04	9.47E-04	9.34E-04	3.36E-07	1.01E-06	5.87E-07	5.73E-07	5.19E-07	2.37E-07	2.34E-07	1.12E-08	2.71E-07	5.98E-08	7.78E-08	1.23E-07	2.17E-08	1.23E-07	6.87E-07
374	489538.17	3859921.48	1.01E-03	9.82E-04	9.69E-04	3.48E-07	1.05E-06	6.09E-07	5.94E-07	5.38E-07	2.46E-07	2.42E-07	1.16E-08	2.81E-07	6.20E-08	8.07E-08	1.28E-07	2.25E-08	1.27E-07	7.13E-07
375	489588.17	3859921.48	1.04E-03	1.01E-03	1.00E-03	3.60E-07	1.09E-06	6.29E-07	6.14E-07	5.57E-07	2.54E-07	2.51E-07	1.20E-08	2.90E-07	6.41E-08	8.34E-08	1.32E-07	2.33E-08	1.32E-07	7.37E-07
376	489238.17	3859971.48	7.77E-04	7.59E-04	7.49E-04	2.69E-07	8.13E-07	4.70E-07	4.59E-07	4.16E-07	1.90E-07	1.87E-07	8.99E-09	2.17E-07	4.79E-08	6.23E-08	9.89E-08	1.74E-08	9.83E-08	5.51E-07
377	489288.17	3859971.48	8.01E-04	7.81E-04	7.71E-04	2.77E-07	8.37E-07	4.84E-07	4.73E-07	4.29E-07	1.96E-07	1.93E-07	9.26E-09	2.24E-07	4.93E-08	6.42E-08	1.02E-07	1.79E-08	1.01E-07	5.67E-07
378	489338.17	3859971.48	8.26E-04	8.06E-04	7.95E-04	2.86E-07	8.63E-07	5.00E-07	4.88E-07	4.42E-07	2.02E-07	1.99E-07	9.55E-09	2.31E-07	5.09E-08	6.62E-08	1.05E-07	1.85E-08	1.04E-07	5.85E-07

379	489388.17	3859971.48	8.51E-04	8.31E-04	8.20E-04	2.95E-07	8.90E-07	5.15E-07	5.03E-07	4.56E-07	2.08E-07	2.05E-07	9.84E-09	2.38E-07	5.25E-08	6.82E-08	1.08E-07	1.91E-08	1.08E-07	6.03E-07
380	489438.17	3859971.48	8.72E-04	8.51E-04	8.40E-04	3.02E-07	9.12E-07	5.28E-07	5.15E-07	4.67E-07	2.13E-07	2.10E-07	1.01E-08	2.44E-07	5.38E-08	6.99E-08	1.11E-07	1.96E-08	1.10E-07	6.18E-07
381	489488.17	3859971.48	8.87E-04	8.66E-04	8.54E-04	3.07E-07	9.27E-07	5.37E-07	5.24E-07	4.75E-07	2.17E-07	2.14E-07	1.03E-08	2.48E-07	5.47E-08	7.11E-08	1.13E-07	1.99E-08	1.12E-07	6.29E-07
382	489538.17	3859971.48	9.01E-04	8.79E-04	8.67E-04	3.12E-07	9.41E-07	5.45E-07	5.32E-07	4.82E-07	2.20E-07	2.17E-07	1.04E-08	2.51E-07	5.55E-08	7.22E-08	1.15E-07	2.02E-08	1.14E-07	6.38E-07
383	489588.17	3859971.48	9.16E-04	8.94E-04	8.82E-04	3.17E-07	9.58E-07	5.55E-07	5.41E-07	4.91E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.65E-08	7.35E-08	1.17E-07	2.05E-08	1.16E-07	6.49E-07
384	483577.7	3854071	3.22E-03	3.15E-03	3.11E-03	1.12E-06	3.37E-06	1.95E-06	1.90E-06	1.73E-06	7.88E-07	7.77E-07	3.73E-08	9.00E-07	1.99E-07	2.59E-07	4.10E-07	7.23E-08	4.08E-07	2.29E-06
385	483627.7	3854071	2.97E-03	2.90E-03	2.86E-03	1.03E-06	3.10E-06	1.80E-06	1.75E-06	1.59E-06	7.25E-07	7.15E-07	3.43E-08	8.29E-07	1.83E-07	2.38E-07	3.77E-07	6.65E-08	3.75E-07	2.10E-06
386	483677.7	3854071	2.75E-03	2.68E-03	2.64E-03	9.51E-07	2.87E-06	1.66E-06	1.62E-06	1.47E-06	6.71E-07	6.62E-07	3.17E-08	7.67E-07	1.69E-07	2.20E-07	3.49E-07	6.15E-08	3.47E-07	1.95E-06
387	483727.7	3854071	2.56E-03	2.50E-03	2.46E-03	8.85E-07	2.67E-06	1.55E-06	1.51E-06	1.37E-06	6.24E-07	6.16E-07	2.96E-08	7.14E-07	1.58E-07	2.05E-07	3.25E-07	5.73E-08	3.23E-07	1.81E-06
388	483777.7	3854071	2.37E-03	2.32E-03	2.28E-03	8.21E-07	2.48E-06	1.44E-06	1.40E-06	1.27E-06	5.80E-07	5.72E-07	2.74E-08	6.63E-07	1.46E-07	1.90E-07	3.02E-07	5.32E-08	3.00E-07	1.68E-06
389	483577.7	3854121	3.70E-03	3.61E-03	3.56E-03	1.28E-06	3.87E-06	2.24E-06	2.19E-06	1.98E-06	9.04E-07	8.92E-07	4.28E-08	1.03E-06	2.28E-07	2.97E-07	4.71E-07	8.30E-08	4.68E-07	2.62E-06
390	483627.7	3854121	3.34E-03	3.26E-03	3.21E-03	1.16E-06	3.49E-06	2.02E-06	1.97E-06	1.79E-06	8.15E-07	8.04E-07	3.86E-08	9.32E-07	2.06E-07	2.68E-07	4.24E-07	7.48E-08	4.22E-07	2.37E-06
391	483677.7	3854121	3.03E-03	2.95E-03	2.92E-03	1.05E-06	3.16E-06	1.83E-06	1.79E-06	1.62E-06	7.39E-07	7.30E-07	3.50E-08	8.45E-07	1.87E-07	2.43E-07	3.85E-07	6.79E-08	3.83E-07	2.15E-06
392	483727.7	3854121	2.77E-03	2.70E-03	2.66E-03	9.57E-07	2.89E-06	1.67E-06	1.63E-06	1.48E-06	6.75E-07	6.66E-07	3.20E-08	7.72E-07	1.70E-07	2.22E-07	3.52E-07	6.20E-08	3.50E-07	1.96E-06
393	483777.7	3854121	2.56E-03	2.50E-03	2.47E-03	8.86E-07	2.68E-06	1.55E-06	1.51E-06	1.37E-06	6.25E-07	6.17E-07	2.96E-08	7.15E-07	1.58E-07	2.05E-07	3.26E-07	5.74E-08	3.24E-07	1.81E-06
394	483577.7	3854171	4.33E-03	4.23E-03	4.17E-03	1.50E-06	4.53E-06	2.62E-06	2.56E-06	2.32E-06	1.06E-06	1.04E-06	5.01E-08	1.21E-06	2.67E-07	3.47E-07	5.51E-07	9.71E-08	5.48E-07	3.07E-06
395	483627.7	3854171	3.80E-03	3.71E-03	3.66E-03	1.31E-06	3.97E-06	2.30E-06	2.24E-06	2.03E-06	9.27E-07	9.15E-07	4.39E-08	1.06E-06	2.34E-07	3.04E-07	4.83E-07	8.51E-08	4.80E-07	2.69E-06
396	483677.7	3854171	3.40E-03	3.31E-03	3.27E-03	1.18E-06	3.55E-06	2.05E-06	2.01E-06	1.82E-06	8.29E-07	8.18E-07	3.93E-08	9.48E-07	2.09E-07	2.72E-07	4.32E-07	7.61E-08	4.30E-07	2.41E-06
397	483727.7	3854171	3.08E-03	3.01E-03	2.97E-03	1.07E-06	3.22E-06	1.86E-06	1.82E-06	1.65E-06	7.52E-07	7.42E-07	3.56E-08	8.60E-07	1.90E-07	2.47E-07	3.92E-07	6.90E-08	3.90E-07	2.18E-06
398	483777.7	3854171	2.81E-03	2.74E-03	2.71E-03	9.73E-07	2.94E-06	1.70E-06	1.66E-06	1.50E-06	6.87E-07	6.78E-07	3.25E-08	7.85E-07	1.73E-07	2.25E-07	3.58E-07	6.30E-08	3.56E-07	1.99E-06
399	483827.7	3854171	2.56E-03	2.50E-03	2.46E-03	8.86E-07	2.67E-06	1.55E-06	1.51E-06	1.37E-06	6.25E-07	6.16E-07	2.96E-08	7.14E-07	1.58E-07	2.05E-07	3.25E-07	5.73E-08	3.24E-07	1.81E-06
400	483877.7	3854171	2.38E-03	2.32E-03	2.29E-03	8.23E-07	2.49E-06	1.44E-06	1.40E-06	1.27E-06	5.81E-07	5.73E-07	2.75E-08	6.64E-07	1.46E-07	1.91E-07	3.02E-07	5.33E-08	3.01E-07	1.68E-06
401	483727.7	3854221	3.54E-03	3.45E-03	3.40E-03	1.22E-06	3.70E-06	2.14E-06	2.09E-06	1.89E-06	8.63E-07	8.52E-07	4.09E-08	9.87E-07	2.18E-07	2.83E-07	4.50E-07	7.92E-08	4.47E-07	2.51E-06
402	483777.7	3854221	3.17E-03	3.09E-03	3.05E-03	1.10E-06	3.31E-06	1.92E-06	1.87E-06	1.70E-06	7.74E-07	7.64E-07	3.67E-08	8.85E-07	1.95E-07	2.54E-07	4.03E-07	7.11E-08	4.01E-07	2.25E-06
403	483827.7	3854221	2.92E-03	2.85E-03	2.81E-03	1.01E-06	3.05E-06	1.77E-06	1.72E-06	1.56E-06	7.13E-07	7.04E-07	3.38E-08	8.16E-07	1.80E-07	2.34E-07	3.71E-07	6.55E-08	3.69E-07	2.07E-06
404	483877.7	3854221	2.66E-03	2.60E-03	2.56E-03	9.21E-07	2.78E-06	1.61E-06	1.57E-06	1.42E-06	6.50E-07	6.41E-07	3.08E-08	7.43E-07	1.64E-07	2.13E-07	3.38E-07	5.96E-08	3.36E-07	1.89E-06
405	489150.19	3858726.45	4.29E-03	4.18E-03	4.13E-03	1.48E-06	4.48E-06	2.59E-06	2.53E-06	2.29E-06	1.05E-06	1.03E-06	4.95E-08	1.20E-06	2.64E-07	3.44E-07	5.45E-07	9.61E-08	5.42E-07	3.04E-06
406	489200.19	3858726.45	3.97E-03	3.88E-03	3.82E-03	1.37E-06	4.15E-06	2.40E-06	2.35E-06	2.13E-06	9.70E-07	9.57E-07	4.59E-08	1.11E-06	2.45E-07	3.18E-07	5.05E-07	8.90E-08	5.02E-07	2.81E-06
407	489150.19	3858776.45	4.94E-03	4.82E-03	4.76E-03	1.71E-06	5.17E-06	2.99E-06	2.92E-06	2.65E-06	1.21E-06	1.19E-06	5.71E-08	1.38E-06	3.05E-07	3.96E-07	6.29E-07	1.11E-07	6.25E-07	3.50E-06
408	489200.19	3858776.45	4.52E-03	4.41E-03	4.35E-03	1.56E-06	4.72E-06	2.73E-06	2.67E-06	2.42E-06	1.10E-06	1.09E-06	5.22E-08	1.26E-06	2.78E-07	3.62E-07	5.74E-07	1.01E-07	5.71E-07	3.20E-06
409	488919.6	3856400.76	8.27E-04	8.07E-04	7.96E-04	2.86E-07	8.64E-07	5.00E-07	4.88E-07	4.43E-07	2.02E-07	1.99E-07	9.56E-09	2.31E-07	5.09E-08	6.63E-08	1.05E-07	1.85E-08	1.05E-07	5.86E-07
410	488919.6	3856450.76	8.40E-04	8.19E-04	8.09E-04	2.91E-07	8.78E-07	5.08E-07	4.96E-07	4.49E-07	2.05E-07	2.02E-07	9.71E-09	2.34E-07	5.17E-08	6.73E-08	1.07E-07	1.88E-08	1.06E-07	5.95E-07
411	488969.6	3856450.76	8.30E-04	8.10E-04	7.99E-04	2.87E-07	8.68E-07	5.02E-07	4.90E-07	4.44E-07	2.03E-07	2.00E-07	9.60E-09	2.32E-07	5.11E-08	6.65E-08	1.06E-07	1.86E-08	1.05E-07	5.88E-07
412	488919.6	3856500.76	8.53E-04	8.33E-04	8.22E-04	2.95E-07	8.92E-07	5.16E-07	5.04E-07	4.57E-07	2.08E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	6.84E-08	1.09E-07	1.91E-08	1.08E-07	6.05E-07
413	488969.6	3856500.76	8.43E-04	8.23E-04	8.12E-04	2.92E-07	8.82E-07	5.10E-07	4.98E-07	4.51E-07	2.06E-07	2.03E-07	9.75E-09	2.36E-07	5.20E-08	6.76E-08	1.07E-07	1.89E-08	1.07E-07	5.98E-07
414	488919.6	3856550.76	8.68E-04	8.47E-04	8.35E-04	3.00E-07	9.07E-07	5.25E-07	5.12E-07	4.64E-07	2.12E-07	2.09E-07	1.00E-08	2.42E-07	5.35E-08	6.95E-08	1.10E-07	1.94E-08	1.10E-07	6.15E-07
415	488969.6	3856550.76	8.57E-04	8.36E-04	8.25E-04	2.97E-07	8.96E-07	5.19E-07	5.06E-07	4.59E-07	2.09E-07	2.07E-07	9.91E-09	2.39E-07	5.28E-08	6.87E-08	1.09E-07	1.92E-08	1.08E-07	6.07E-07
416	488819.6	3856600.76	9.04E-04	8.82E-04	8.70E-04	3.13E-07	9.45E-07	5.47E-07	5.34E-07	4.84E-07	2.21E-07	2.18E-07	1.04E-08	2.52E-07	5.57E-08	7.25E-08	1.15E-07	2.03E-08	1.14E-07	6.41E-07
417	488869.6	3856600.76	8.92E-04	8.71E-04	8.59E-04	3.09E-07	9.33E-07	5.40E-07	5.27E-07	4.78E-07	2.18E-07	2.15E-07	1.03E-08	2.49E-07	5.50E-08	7.15E-08	1.13E-07	2.00E-08	1.13E-07	6.32E-07
418	488919.6	3856600.76	8.82E-04	8.60E-04	8.49E-04	3.05E-07	9.21E-07	5.33E-07	5.21E-07	4.72E-07	2.15E-07	2.12E-07	1.02E-08	2.46E-07	5.43E-08	7.07E-08	1.12E-07	1.98E-08	1.11E-07	6.25E-07
419	488819.6	3856650.76	9.19E-04	8.97E-04	8.85E-04	3.18E-07	9.61E-07	5.56E-07	5.43E-07	4.92E-07	2.25E-07	2.22E-07	1.06E-08	2.57E-07	5.66E-08	7.37E-08	1.17E-07	2.06E-08	1.16E-07	6.51E-07
420	488869.6	3856650.76	9.07E-04	8.85E-04	8.74E-04	3.14E-07	9.48E-07	5.49E-07	5.36E-07	4.86E-07	2.22E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.27E-08	1.15E-07	2.03E-08	1.15E-07	6.43E-07
421	488819.6	3856700.76	9.36E-04	9.13E-04	9.01E-04	3.24E-07	9.78E-07	5.66E-07	5.53E-07	5.01E-07	2.29E-07	2.26E-07	1.08E-08	2.61E-07	5.77E-08	7.50E-08	1.19E-07	2.10E-08	1.18E-07	6.63E-07
422	488869.6	3856700.76	9.23E-04	9.01E-04	8.89E-04	3.20E-07	9.65E-07	5.59E-07	5.45E-07	4.94E-07	2.25E-07	2.22E-07	1.07E-08	2.58E-07	5.69E-08	7.40E-08	1.17E-07	2.07E-08	1.17E-07	6.54E-07
423	488819.6	3856750.76	9.53E-04	9.30E-04	9.17E-04	3.30E-07	9.96E-07	5.76E-07	5.62E-07	5.10E-07	2.33E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	7.64E-08	1.21E-07	2.13E-08	1.20E-07	6.75E-07
424	488869.6	3856750.76	9.40E-04	9.17E-04	9.05E-04	3.25E-07	9.83E-07	5.69E-07	5.55E-07	5.03E-07	2.30E-07	2.27E-07	1.09E-08	2.62E-07	5.79E-08	7.54E-08	1.20E-07	2.11E-08	1.19E-07	6.66E-07
425	488819.6	3857050.76	1.07E-03	1.05E-03	1.03E-03	3.71E-07	1.12E-06	6.49E-07	6.33E-07	5.74E-07	2.62E-07	2.58E-07	1.24E-08	2.99E-07	6.61E-08	8.60E-08	1.36E-07	2.40E-08	1.36E-07	7.60E-07
426	488869.6	3857050.76	1.06E-03	1.03E-03	1.02E-03	3.66E-07	1.10E-06	6.39E-07	6.24E-07	5.65E-07	2.58E-07	2.55E-07	1.22E-08	2.95E-07	6.51E-08	8.47E-08	1.34E-07	2.37E-08	1.34E-07	7.48E-07
427	488919.6	3857050.76	1.04E-03	1.02E-03	1.00E-03	3.60E-07	1.09E-06	6.30E-07	6.14E-07	5.57E-07	2.54E-07	2.51E-07	1.20E-08	2.91E-07	6.41E-08	8.34E-08	1.32E-07	2.33E-08	1.32E-07	7.37E-07
428	488819.6	3857100.76	1.10E-03	1.07E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.48E-07	5.87E-07	2.68E-07	2.64E-07	1.27E-08	3.06E-07	6.76E-08	8.79E-08	1.39E-07	2.46E-08	1.39E-07	7.77E-07
429	488869.6	3857100.76	1.08E-03	1.05E-03	1.04E-03	3.74E-07	1.13E-06	6.53E-07	6.37E-07	5.78E-07	2.64E-07	2.60E-07	1.25E-08	3.01E-07	6.65E-08	8.65E-08	1.37E-07	2.42E-08	1.37E-07	7.65E-07
430	488919.6	3857100.76	1.06E-03	1.04E-03	1.02E-03	3.68E-07	1.11E-06	6.43E-07	6.28E-07	5.69E-07	2.60E-07	2.56E-07	1.23E-08	2.97E-07	6.55E-08	8.52E-08	1.35E-07	2.38E-08	1.34E-07	7.53E-07
431	488819.6	3857150.76	1.12E-03	1.10E-03	1.08E-03	3.89E-07	1.17E-06	6.80E-07	6.63E-07	6.01E-07	2.74E-07	2.71E-07	1.30E-08	3.14E-07	6.92E-08	9.00E-08	1.43E-07	2.52E-08	1.42E-07	7.96E-07
432	488869.6	3857150.76	1.10E-03	1.08E-03	1.06E-03	3.82E-07	1.15E-06	6.68E-07	6.52E-07	5.91E-07	2.70E-07	2.66E-07	1.28E-08	3.08E-07	6.80E-08	8.85E-08	1.40E-07	2.48E-08	1.40E-07	7.83E-07
433	488919.6	3857150.76	1.09E-03	1.06E-03	1.05E-03	3.76E-07	1.14E-06	6.58E-07	6.42E-07	5.82E-07	2.65E-07	2.62E-07	1.26E-08	3.04E-07	6.70E-08	8.71E-08	1.38E-07	2.44E-08	1.37E-07	7.70E-07

434	488969.6	3857150.76	1.07E-03	1.04E-03	1.03E-03	3.70E-07	1.12E-06	6.47E-07	6.32E-07	5.73E-07	2.61E-07	2.58E-07	1.24E-08	2.99E-07	6.59E-08	8.58E-08	1.36E-07	2.40E-08	1.35E-07	7.58E-07
435	488819.6	3857200.76	1.15E-03	1.12E-03	1.11E-03	3.98E-07	1.20E-06	6.96E-07	6.79E-07	6.16E-07	2.81E-07	2.77E-07	1.33E-08	3.21E-07	7.09E-08	9.22E-08	1.46E-07	2.58E-08	1.45E-07	8.15E-07
436	488869.6	3857200.76	1.13E-03	1.10E-03	1.09E-03	3.91E-07	1.18E-06	6.84E-07	6.68E-07	6.05E-07	2.76E-07	2.73E-07	1.31E-08	3.16E-07	6.97E-08	9.07E-08	1.44E-07	2.53E-08	1.43E-07	8.01E-07
437	488919.6	3857200.76	1.11E-03	1.09E-03	1.07E-03	3.85E-07	1.16E-06	6.73E-07	6.57E-07	5.95E-07	2.72E-07	2.68E-07	1.29E-08	3.11E-07	6.85E-08	8.92E-08	1.41E-07	2.49E-08	1.41E-07	7.88E-07
438	488969.6	3857200.76	1.09E-03	1.07E-03	1.05E-03	3.79E-07	1.14E-06	6.62E-07	6.46E-07	5.86E-07	2.67E-07	2.64E-07	1.27E-08	3.06E-07	6.74E-08	8.77E-08	1.39E-07	2.45E-08	1.38E-07	7.76E-07
439	488819.6	3857250.76	1.18E-03	1.15E-03	1.14E-03	4.08E-07	1.23E-06	7.14E-07	6.96E-07	6.31E-07	2.88E-07	2.84E-07	1.36E-08	3.29E-07	7.27E-08	9.46E-08	1.50E-07	2.64E-08	1.49E-07	8.36E-07
440	488869.6	3857250.76	1.16E-03	1.13E-03	1.12E-03	4.01E-07	1.21E-06	7.01E-07	6.84E-07	6.20E-07	2.83E-07	2.79E-07	1.34E-08	3.24E-07	7.14E-08	9.29E-08	1.47E-07	2.60E-08	1.47E-07	8.21E-07
441	488919.6	3857250.76	1.14E-03	1.11E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	6.73E-07	6.10E-07	2.78E-07	2.75E-07	1.32E-08	3.18E-07	7.02E-08	9.13E-08	1.45E-07	2.55E-08	1.44E-07	8.07E-07
442	488969.6	3857250.76	1.12E-03	1.09E-03	1.08E-03	3.88E-07	1.17E-06	6.78E-07	6.62E-07	6.00E-07	2.74E-07	2.70E-07	1.30E-08	3.13E-07	6.90E-08	8.98E-08	1.43E-07	2.51E-08	1.42E-07	7.94E-07
443	488819.6	3857300.76	1.21E-03	1.18E-03	1.17E-03	4.19E-07	1.26E-06	7.32E-07	7.15E-07	6.48E-07	2.96E-07	2.92E-07	1.40E-08	3.38E-07	7.46E-08	9.70E-08	1.54E-07	2.71E-08	1.53E-07	8.58E-07
444	488869.6	3857300.76	1.19E-03	1.16E-03	1.14E-03	4.11E-07	1.24E-06	7.19E-07	7.02E-07	6.36E-07	2.90E-07	2.86E-07	1.37E-08	3.32E-07	7.32E-08	9.53E-08	1.51E-07	2.66E-08	1.50E-07	8.42E-07
445	488919.6	3857300.76	1.17E-03	1.14E-03	1.12E-03	4.04E-07	1.22E-06	7.07E-07	6.90E-07	6.25E-07	2.85E-07	2.81E-07	1.35E-08	3.26E-07	7.20E-08	9.36E-08	1.49E-07	2.62E-08	1.48E-07	8.28E-07
446	488819.6	3857450.76	1.32E-03	1.28E-03	1.27E-03	4.55E-07	1.38E-06	7.96E-07	7.77E-07	7.04E-07	3.21E-07	3.17E-07	1.52E-08	3.67E-07	8.11E-08	1.05E-07	1.67E-07	2.95E-08	1.66E-07	9.32E-07
447	488869.6	3857450.76	1.29E-03	1.26E-03	1.24E-03	4.46E-07	1.35E-06	7.80E-07	7.61E-07	6.90E-07	3.15E-07	3.11E-07	1.49E-08	3.60E-07	7.94E-08	1.03E-07	1.64E-07	2.89E-08	1.63E-07	9.13E-07
448	488919.6	3857450.76	1.26E-03	1.23E-03	1.22E-03	4.38E-07	1.32E-06	7.65E-07	7.47E-07	6.77E-07	3.09E-07	3.05E-07	1.46E-08	3.53E-07	7.79E-08	1.01E-07	1.61E-07	2.83E-08	1.60E-07	8.96E-07
449	488819.6	3857500.76	1.35E-03	1.32E-03	1.30E-03	4.69E-07	1.42E-06	8.20E-07	8.00E-07	7.25E-07	3.31E-07	3.27E-07	1.57E-08	3.78E-07	8.35E-08	1.09E-07	1.72E-07	3.04E-08	1.71E-07	9.60E-07
450	488869.6	3857500.76	1.33E-03	1.30E-03	1.28E-03	4.59E-07	1.39E-06	8.03E-07	7.84E-07	7.10E-07	3.24E-07	3.20E-07	1.53E-08	3.71E-07	8.18E-08	1.06E-07	1.69E-07	2.97E-08	1.68E-07	9.40E-07
451	488919.6	3857500.76	1.30E-03	1.27E-03	1.25E-03	4.50E-07	1.36E-06	7.87E-07	7.68E-07	6.96E-07	3.18E-07	3.14E-07	1.50E-08	3.63E-07	8.02E-08	1.04E-07	1.65E-07	2.92E-08	1.65E-07	9.22E-07
452	488819.6	3857550.76	1.40E-03	1.36E-03	1.35E-03	4.84E-07	1.46E-06	8.46E-07	8.26E-07	7.48E-07	3.41E-07	3.37E-07	1.62E-08	3.90E-07	8.61E-08	1.12E-07	1.78E-07	3.13E-08	1.77E-07	9.91E-07
453	488869.6	3857550.76	1.37E-03	1.33E-03	1.32E-03	4.74E-07	1.43E-06	8.28E-07	8.08E-07	7.32E-07	3.34E-07	3.30E-07	1.58E-08	3.82E-07	8.43E-08	1.10E-07	1.74E-07	3.07E-08	1.73E-07	9.69E-07
454	488919.6	3857550.76	1.34E-03	1.31E-03	1.29E-03	4.64E-07	1.40E-06	8.11E-07	7.91E-07	7.17E-07	3.27E-07	3.23E-07	1.55E-08	3.74E-07	8.26E-08	1.07E-07	1.70E-07	3.00E-08	1.69E-07	9.50E-07
455	489663.71	3860900.05	4.51E-04	4.40E-04	4.35E-04	1.56E-07	4.72E-07	2.73E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.71E-08	3.20E-07
456	489813.71	3860900.05	4.73E-04	4.62E-04	4.56E-04	1.64E-07	4.95E-07	2.86E-07	2.79E-07	2.53E-07	1.16E-07	1.14E-07	5.47E-09	1.32E-07	2.92E-08	3.79E-08	6.02E-08	1.06E-08	5.99E-08	3.35E-07
457	489863.71	3860900.05	4.81E-04	4.69E-04	4.63E-04	1.66E-07	5.03E-07	2.91E-07	2.84E-07	2.57E-07	1.17E-07	1.16E-07	5.56E-09	1.34E-07	2.96E-08	3.85E-08	6.11E-08	1.08E-08	6.08E-08	3.41E-07
458	489913.71	3860900.05	4.89E-04	4.77E-04	4.71E-04	1.69E-07	5.11E-07	2.96E-07	2.89E-07	2.62E-07	1.19E-07	1.18E-07	5.65E-09	1.37E-07	3.01E-08	3.92E-08	6.22E-08	1.10E-08	6.19E-08	3.47E-07
459	489963.71	3860900.05	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.20E-07	3.01E-07	2.94E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.99E-08	6.33E-08	1.11E-08	6.29E-08	3.52E-07
460	490013.71	3860900.05	5.07E-04	4.94E-04	4.88E-04	1.75E-07	5.29E-07	3.07E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.86E-09	1.41E-07	3.12E-08	4.06E-08	6.44E-08	1.14E-08	6.41E-08	3.59E-07
461	490063.71	3860900.05	5.16E-04	5.03E-04	4.97E-04	1.79E-07	5.39E-07	3.12E-07	3.04E-07	2.76E-07	1.26E-07	1.24E-07	5.96E-09	1.44E-07	3.18E-08	4.13E-08	6.56E-08	1.16E-08	6.52E-08	3.65E-07
462	489663.71	3860950.05	4.39E-04	4.29E-04	4.23E-04	1.52E-07	4.59E-07	2.66E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.52E-08	5.59E-08	9.85E-09	5.56E-08	3.11E-07
463	489813.71	3860950.05	4.60E-04	4.49E-04	4.43E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.31E-09	1.28E-07	2.83E-08	3.69E-08	5.85E-08	1.03E-08	5.81E-08	3.26E-07
464	489863.71	3860950.05	4.66E-04	4.55E-04	4.49E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.50E-07	1.14E-07	1.12E-07	5.39E-09	1.30E-07	2.87E-08	3.74E-08	5.93E-08	1.05E-08	5.90E-08	3.30E-07
465	489913.71	3860950.05	4.74E-04	4.63E-04	4.57E-04	1.64E-07	4.96E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.48E-09	1.32E-07	2.92E-08	3.80E-08	6.03E-08	1.06E-08	6.00E-08	3.36E-07
466	489963.71	3860950.05	4.82E-04	4.70E-04	4.64E-04	1.67E-07	5.04E-07	2.92E-07	2.85E-07	2.58E-07	1.18E-07	1.16E-07	5.57E-09	1.35E-07	2.97E-08	3.86E-08	6.13E-08	1.08E-08	6.10E-08	3.42E-07
467	490013.71	3860950.05	4.90E-04	4.79E-04	4.72E-04	1.70E-07	5.13E-07	2.97E-07	2.90E-07	2.62E-07	1.20E-07	1.18E-07	5.67E-09	1.37E-07	3.02E-08	3.93E-08	6.24E-08	1.10E-08	6.20E-08	3.47E-07
468	490063.71	3860950.05	4.99E-04	4.87E-04	4.80E-04	1.73E-07	5.21E-07	3.02E-07	2.94E-07	2.67E-07	1.22E-07	1.20E-07	5.76E-09	1.39E-07	3.07E-08	4.00E-08	6.34E-08	1.12E-08	6.31E-08	3.53E-07
469	489513.71	3861000.05	4.12E-04	4.02E-04	3.96E-04	1.42E-07	4.30E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.92E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.23E-08	9.22E-09	5.20E-08	2.92E-07
470	489563.71	3861000.05	4.17E-04	4.06E-04	4.01E-04	1.44E-07	4.35E-07	2.52E-07	2.46E-07	2.23E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.57E-08	3.34E-08	5.30E-08	9.34E-09	5.27E-08	2.95E-07
471	489613.71	3861000.05	4.22E-04	4.12E-04	4.07E-04	1.46E-07	4.41E-07	2.56E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.39E-08	5.37E-08	9.47E-09	5.34E-08	2.99E-07
472	489663.71	3861000.05	4.28E-04	4.18E-04	4.12E-04	1.48E-07	4.48E-07	2.59E-07	2.53E-07	2.29E-07	1.05E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.43E-08	5.44E-08	9.60E-09	5.41E-08	3.03E-07
473	489713.71	3861000.05	4.34E-04	4.24E-04	4.18E-04	1.50E-07	4.54E-07	2.63E-07	2.56E-07	2.32E-07	1.06E-07	1.05E-07	5.02E-09	1.21E-07	2.68E-08	3.48E-08	5.52E-08	9.74E-09	5.49E-08	3.08E-07
474	489763.71	3861000.05	4.40E-04	4.30E-04	4.24E-04	1.52E-07	4.60E-07	2.66E-07	2.60E-07	2.36E-07	1.08E-07	1.06E-07	5.09E-09	1.23E-07	2.71E-08	3.53E-08	5.60E-08	9.87E-09	5.57E-08	3.12E-07
475	489813.71	3861000.05	4.47E-04	4.36E-04	4.31E-04	1.55E-07	4.67E-07	2.71E-07	2.64E-07	2.39E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.76E-08	3.59E-08	5.69E-08	1.00E-08	5.66E-08	3.17E-07
476	489863.71	3861000.05	4.53E-04	4.42E-04	4.37E-04	1.57E-07	4.74E-07	2.74E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.24E-09	1.27E-07	2.79E-08	3.64E-08	5.77E-08	1.02E-08	5.73E-08	3.21E-07
477	489913.71	3861000.05	4.61E-04	4.50E-04	4.44E-04	1.60E-07	4.82E-07	2.79E-07	2.72E-07	2.47E-07	1.13E-07	1.11E-07	5.33E-09	1.29E-07	2.84E-08	3.69E-08	5.86E-08	1.03E-08	5.83E-08	3.27E-07
478	489963.71	3861000.05	4.68E-04	4.56E-04	4.50E-04	1.62E-07	4.89E-07	2.83E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.40E-09	1.31E-07	2.88E-08	3.75E-08	5.95E-08	1.05E-08	5.91E-08	3.31E-07
479	490013.71	3861000.05	4.75E-04	4.64E-04	4.58E-04	1.65E-07	4.97E-07	2.88E-07	2.81E-07	2.54E-07	1.16E-07	1.15E-07	5.50E-09	1.33E-07	2.93E-08	3.81E-08	6.05E-08	1.07E-08	6.01E-08	3.37E-07
480	490063.71	3861000.05	4.83E-04	4.72E-04	4.65E-04	1.67E-07	5.05E-07	2.92E-07	2.85E-07	2.59E-07	1.18E-07	1.16E-07	5.59E-09	1.35E-07	2.98E-08	3.87E-08	6.15E-08	1.08E-08	6.11E-08	3.42E-07
481	489513.71	3861050.05	4.02E-04	3.93E-04	3.87E-04	1.39E-07	4.21E-07	2.43E-07	2.38E-07	2.15E-07	9.83E-08	9.70E-08	4.65E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.02E-09	5.09E-08	2.85E-07
482	489563.71	3861050.05	4.07E-04	3.97E-04	3.92E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.94E-08	9.81E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.18E-08	9.12E-09	5.15E-08	2.88E-07
483	489613.71	3861050.05	4.13E-04	4.03E-04	3.97E-04	1.43E-07	4.31E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.95E-08	4.77E-09	1.15E-07	2.54E-08	3.31E-08	5.25E-08	9.25E-09	5.22E-08	2.93E-07
484	489663.71	3861050.05	4.18E-04	4.08E-04	4.02E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.57E-08	3.35E-08	5.31E-08	9.36E-09	5.28E-08	2.96E-07
485	489713.71	3861050.05	4.23E-04	4.13E-04	4.07E-04	1.46E-07	4.42E-07	2.56E-07	2.50E-07	2.26E-07	1.03E-07	1.02E-07	4.89E-09	1.18E-07	2.61E-08	3.39E-08	5.38E-08	9.48E-09	5.35E-08	3.00E-07
486	489763.71	3861050.05	4.29E-04	4.19E-04	4.13E-04	1.48E-07	4.48E-07	2.60E-07	2.53E-07	2.30E-07	1.05E-07	1.03E-07	4.96E-09	1.20E-07	2.64E-08	3.44E-08	5.46E-08	9.61E-09	5.43E-08	3.04E-07
487	489813.71	3861050.05	4.35E-04	4.25E-04	4.19E-04	1.51E-07	4.55E-07	2.63E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.03E-09	1.22E-07	2.68E-08	3.49E-08	5.53E-08	9.75E-09	5.50E-08	3.08E-07
488	489863.71	3861050.05	4.41E-04	4.31E-04	4.25E-04	1.53E-07	4.61E-07	2.67E-07	2.61E-07	2.36E-07	1.08E-07	1.06E-07	5.10E-09	1.23E-07	2.72E-08	3.54E-08	5.61E-08	9.89E-09	5.58E-08	3.13E-07

489	489913.71	3861050.05	4.48E-04	4.37E-04	4.31E-04	1.55E-07	4.68E-07	2.71E-07	2.65E-07	2.40E-07	1.09E-07	1.08E-07	5.18E-09	1.25E-07	2.76E-08	3.59E-08	5.70E-08	1.00E-08	5.67E-08	3.18E-07
490	489963.71	3861050.05	4.55E-04	4.44E-04	4.38E-04	1.57E-07	4.75E-07	2.75E-07	2.68E-07	2.43E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.78E-08	1.02E-08	5.75E-08	3.22E-07
491	490013.71	3861050.05	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
492	490063.71	3861050.05	4.69E-04	4.58E-04	4.52E-04	1.62E-07	4.90E-07	2.84E-07	2.77E-07	2.51E-07	1.15E-07	1.13E-07	5.42E-09	1.31E-07	2.89E-08	3.76E-08	5.97E-08	1.05E-08	5.93E-08	3.32E-07
493	489513.71	3861100.05	3.93E-04	3.84E-04	3.79E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.11E-07	9.61E-08	9.48E-08	4.55E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.79E-07
494	489563.71	3861100.05	3.98E-04	3.88E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.72E-08	9.59E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.92E-09	5.03E-08	2.82E-07
495	489613.71	3861100.05	4.02E-04	3.92E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.37E-07	2.15E-07	9.82E-08	9.69E-08	4.65E-09	1.12E-07	2.48E-08	3.22E-08	5.11E-08	9.01E-09	5.08E-08	2.85E-07
496	489663.71	3861100.05	4.07E-04	3.97E-04	3.92E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.94E-08	9.81E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.18E-08	9.12E-09	5.15E-08	2.88E-07
497	489713.71	3861100.05	4.12E-04	4.02E-04	3.97E-04	1.43E-07	4.31E-07	2.50E-07	2.43E-07	2.21E-07	1.01E-07	9.94E-08	4.77E-09	1.15E-07	2.54E-08	3.31E-08	5.24E-08	9.24E-09	5.22E-08	2.92E-07
498	489763.71	3861100.05	4.18E-04	4.08E-04	4.03E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.58E-08	3.35E-08	5.32E-08	9.37E-09	5.29E-08	2.96E-07
499	489813.71	3861100.05	4.24E-04	4.14E-04	4.08E-04	1.47E-07	4.43E-07	2.57E-07	2.50E-07	2.27E-07	1.04E-07	1.02E-07	4.90E-09	1.18E-07	2.61E-08	3.40E-08	5.39E-08	9.50E-09	5.36E-08	3.00E-07
500	489863.71	3861100.05	4.30E-04	4.20E-04	4.14E-04	1.49E-07	4.50E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.64E-09	5.44E-08	3.05E-07
501	489913.71	3861100.05	4.36E-04	4.25E-04	4.20E-04	1.51E-07	4.56E-07	2.64E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.04E-09	1.22E-07	2.69E-08	3.50E-08	5.55E-08	9.77E-09	5.51E-08	3.09E-07
502	489963.71	3861100.05	4.43E-04	4.32E-04	4.26E-04	1.53E-07	4.63E-07	2.68E-07	2.61E-07	2.37E-07	1.08E-07	1.07E-07	5.12E-09	1.24E-07	2.73E-08	3.55E-08	5.63E-08	9.92E-09	5.60E-08	3.14E-07
503	490013.71	3861100.05	4.49E-04	4.38E-04	4.32E-04	1.55E-07	4.69E-07	2.72E-07	2.65E-07	2.40E-07	1.10E-07	1.08E-07	5.19E-09	1.25E-07	2.77E-08	3.60E-08	5.71E-08	1.01E-08	5.68E-08	3.18E-07
504	490063.71	3861100.05	4.56E-04	4.45E-04	4.39E-04	1.58E-07	4.77E-07	2.76E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.28E-09	1.27E-07	2.81E-08	3.66E-08	5.80E-08	1.02E-08	5.77E-08	3.23E-07
505	489713.71	3861150.05	4.02E-04	3.93E-04	3.87E-04	1.39E-07	4.21E-07	2.43E-07	2.38E-07	2.15E-07	9.83E-08	9.70E-08	4.65E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.02E-09	5.09E-08	2.85E-07
506	489763.71	3861150.05	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.26E-07	2.47E-07	2.41E-07	2.18E-07	9.96E-08	9.83E-08	4.71E-09	1.14E-07	2.51E-08	3.27E-08	5.19E-08	9.14E-09	5.16E-08	2.89E-07
507	489813.71	3861150.05	4.14E-04	4.04E-04	3.98E-04	1.43E-07	4.32E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.97E-08	4.78E-09	1.15E-07	2.55E-08	3.32E-08	5.26E-08	9.27E-09	5.23E-08	2.93E-07
508	489863.71	3861150.05	4.19E-04	4.09E-04	4.03E-04	1.45E-07	4.38E-07	2.54E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.84E-09	1.17E-07	2.58E-08	3.36E-08	5.33E-08	9.39E-09	5.30E-08	2.97E-07
509	489913.71	3861150.05	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.27E-07	1.04E-07	1.02E-07	4.91E-09	1.19E-07	2.62E-08	3.41E-08	5.40E-08	9.52E-09	5.37E-08	3.01E-07
510	489963.71	3861150.05	4.31E-04	4.21E-04	4.15E-04	1.49E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.98E-09	1.20E-07	2.66E-08	3.46E-08	5.48E-08	9.66E-09	5.45E-08	3.05E-07
511	490013.71	3861150.05	4.37E-04	4.26E-04	4.21E-04	1.51E-07	4.57E-07	2.64E-07	2.58E-07	2.34E-07	1.07E-07	1.05E-07	5.05E-09	1.22E-07	2.69E-08	3.50E-08	5.56E-08	9.79E-09	5.53E-08	3.10E-07
512	490063.71	3861150.05	4.44E-04	4.33E-04	4.27E-04	1.54E-07	4.64E-07	2.68E-07	2.62E-07	2.37E-07	1.08E-07	1.07E-07	5.13E-09	1.24E-07	2.73E-08	3.56E-08	5.64E-08	9.94E-09	5.61E-08	3.14E-07
513	489613.71	3861200.05	3.83E-04	3.74E-04	3.69E-04	1.33E-07	4.01E-07	2.32E-07	2.26E-07	2.05E-07	9.36E-08	9.24E-08	4.43E-09	1.07E-07	2.36E-08	3.07E-08	4.88E-08	8.59E-09	4.85E-08	2.72E-07
514	489663.71	3861200.05	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.06E-07	2.35E-07	2.29E-07	2.08E-07	9.48E-08	9.36E-08	4.49E-09	1.08E-07	2.39E-08	3.11E-08	4.94E-08	8.70E-09	4.91E-08	2.75E-07
515	489713.71	3861200.05	3.93E-04	3.83E-04	3.78E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.10E-07	9.60E-08	9.47E-08	4.54E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.78E-07
516	489763.71	3861200.05	3.98E-04	3.88E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.72E-08	9.59E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.92E-09	5.03E-08	2.82E-07
517	489813.71	3861200.05	4.03E-04	3.94E-04	3.88E-04	1.40E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.85E-08	9.72E-08	4.66E-09	1.13E-07	2.48E-08	3.23E-08	5.13E-08	9.04E-09	5.10E-08	2.86E-07
518	489863.71	3861200.05	4.09E-04	3.99E-04	3.94E-04	1.42E-07	4.28E-07	2.48E-07	2.42E-07	2.19E-07	9.99E-08	9.86E-08	4.73E-09	1.14E-07	2.52E-08	3.28E-08	5.20E-08	9.17E-09	5.17E-08	2.90E-07
519	489913.71	3861200.05	4.14E-04	4.04E-04	3.99E-04	1.43E-07	4.33E-07	2.51E-07	2.44E-07	2.22E-07	1.01E-07	9.98E-08	4.79E-09	1.16E-07	2.55E-08	3.32E-08	5.27E-08	9.28E-09	5.24E-08	2.93E-07
520	489963.71	3861200.05	4.20E-04	4.10E-04	4.04E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.85E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.41E-09	5.31E-08	2.98E-07
521	490013.71	3861200.05	4.26E-04	4.15E-04	4.10E-04	1.47E-07	4.45E-07	2.58E-07	2.51E-07	2.28E-07	1.04E-07	1.03E-07	4.92E-09	1.19E-07	2.62E-08	3.41E-08	5.41E-08	9.54E-09	5.38E-08	3.02E-07
522	490063.71	3861200.05	4.32E-04	4.21E-04	4.16E-04	1.50E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.99E-09	1.21E-07	2.66E-08	3.46E-08	5.49E-08	9.68E-09	5.46E-08	3.06E-07
523	489513.71	3861250.05	3.66E-04	3.57E-04	3.53E-04	1.27E-07	3.83E-07	2.22E-07	2.16E-07	1.96E-07	8.95E-08	8.83E-08	4.23E-09	1.02E-07	2.26E-08	2.94E-08	4.66E-08	8.21E-09	4.63E-08	2.60E-07
524	489563.71	3861250.05	3.71E-04	3.62E-04	3.57E-04	1.28E-07	3.88E-07	2.24E-07	2.19E-07	1.99E-07	9.06E-08	8.94E-08	4.29E-09	1.04E-07	2.29E-08	2.97E-08	4.72E-08	8.31E-09	4.69E-08	2.63E-07
525	489613.71	3861250.05	3.75E-04	3.66E-04	3.61E-04	1.30E-07	3.92E-07	2.27E-07	2.21E-07	2.01E-07	9.16E-08	9.04E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.41E-09	4.74E-08	2.66E-07
526	489663.71	3861250.05	3.80E-04	3.70E-04	3.66E-04	1.31E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.27E-08	9.15E-08	4.39E-09	1.06E-07	2.34E-08	3.04E-08	4.83E-08	8.51E-09	4.80E-08	2.69E-07
527	489713.71	3861250.05	3.84E-04	3.74E-04	3.70E-04	1.33E-07	4.01E-07	2.32E-07	2.27E-07	2.05E-07	9.37E-08	9.25E-08	4.44E-09	1.07E-07	2.36E-08	3.08E-08	4.88E-08	8.60E-09	4.85E-08	2.72E-07
528	489763.71	3861250.05	3.89E-04	3.79E-04	3.74E-04	1.35E-07	4.06E-07	2.35E-07	2.30E-07	2.08E-07	9.49E-08	9.37E-08	4.49E-09	1.09E-07	2.40E-08	3.12E-08	4.94E-08	8.71E-09	4.92E-08	2.75E-07
529	489813.71	3861250.05	3.94E-04	3.84E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.32E-07	2.11E-07	9.62E-08	9.49E-08	4.55E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.82E-09	4.98E-08	2.79E-07
530	489863.71	3861250.05	3.99E-04	3.89E-04	3.84E-04	1.38E-07	4.17E-07	2.41E-07	2.36E-07	2.14E-07	9.75E-08	9.62E-08	4.61E-09	1.11E-07	2.46E-08	3.20E-08	5.08E-08	8.95E-09	5.05E-08	2.83E-07
531	489913.71	3861250.05	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.45E-07	2.39E-07	2.16E-07	9.87E-08	9.74E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.06E-09	5.11E-08	2.86E-07
532	489963.71	3861250.05	4.09E-04	4.00E-04	3.94E-04	1.42E-07	4.28E-07	2.48E-07	2.42E-07	2.19E-07	1.00E-07	9.87E-08	4.73E-09	1.14E-07	2.52E-08	3.28E-08	5.21E-08	9.18E-09	5.18E-08	2.90E-07
533	490013.71	3861250.05	4.15E-04	4.05E-04	3.99E-04	1.44E-07	4.34E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	1.00E-07	4.80E-09	1.16E-07	2.56E-08	3.33E-08	5.28E-08	9.30E-09	5.25E-08	2.94E-07
534	490063.71	3861250.05	4.21E-04	4.11E-04	4.05E-04	1.46E-07	4.40E-07	2.55E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.35E-08	9.43E-09	5.32E-08	2.98E-07
535	489528.13	3861308.47	3.59E-04	3.50E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.12E-07	1.92E-07	8.76E-08	8.65E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.56E-08	8.04E-09	4.54E-08	2.54E-07
536	489578.13	3861308.47	3.63E-04	3.54E-04	3.49E-04	1.26E-07	3.79E-07	2.19E-07	2.14E-07	1.94E-07	8.86E-08	8.74E-08	4.19E-09	1.01E-07	2.23E-08	2.91E-08	4.61E-08	8.13E-09	4.59E-08	2.57E-07
537	489628.13	3861308.47	3.67E-04	3.58E-04	3.53E-04	1.27E-07	3.83E-07	2.22E-07	2.17E-07	1.96E-07	8.96E-08	8.84E-08	4.24E-09	1.02E-07	2.26E-08	2.94E-08	4.66E-08	8.22E-09	4.64E-08	2.60E-07
538	489678.13	3861308.47	3.70E-04	3.62E-04	3.57E-04	1.28E-07	3.87E-07	2.24E-07	2.19E-07	1.98E-07	9.05E-08	8.93E-08	4.28E-09	1.03E-07	2.28E-08	2.97E-08	4.71E-08	8.30E-09	4.69E-08	2.63E-07
539	489728.13	3861308.47	3.75E-04	3.66E-04	3.62E-04	1.30E-07	3.92E-07	2.27E-07	2.22E-07	2.01E-07	9.17E-08	9.05E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.42E-09	4.75E-08	2.66E-07
540	489778.13	3861308.47	3.80E-04	3.70E-04	3.66E-04	1.31E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.27E-08	9.15E-08	4.39E-09	1.06E-07	2.34E-08	3.04E-08	4.83E-08	8.51E-09	4.80E-08	2.69E-07
541	489678.13	3861358.47	3.63E-04	3.54E-04	3.50E-04	1.26E-07	3.79E-07	2.20E-07	2.14E-07	1.94E-07	8.87E-08	8.75E-08	4.20E-09	1.01E-07	2.24E-08	2.91E-08	4.62E-08	8.14E-09	4.59E-08	2.57E-07
542	489728.13	3861358.47	3.67E-04	3.58E-04	3.53E-04	1.27E-07	3.83E-07	2.22E-07	2.17E-07	1.96E-07	8.96E-08	8.84E-08	4.24E-09	1.02E-07	2.26E-08	2.94E-08	4.66E-08	8.22E-09	4.64E-08	2.60E-07
543	489528.13	3861408.47	3.44E-04	3.36E-04	3.31E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.40E-08	8.29E-08	3.98E-09	9.60E-08	2.12E-08	2.76E-08	4.37E-08	7.71E-09	4.35E-08	2.44E-07

544	489578.13	3861408.47	3.48E-04	3.39E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.49E-08	8.38E-08	4.02E-09	9.71E-08	2.14E-08	2.79E-08	4.42E-08	7.79E-09	4.40E-08	2.46E-07
545	489628.13	3861408.47	3.51E-04	3.43E-04	3.38E-04	1.22E-07	3.67E-07	2.13E-07	2.07E-07	1.88E-07	8.58E-08	8.47E-08	4.06E-09	9.81E-08	2.17E-08	2.82E-08	4.47E-08	7.88E-09	4.44E-08	2.49E-07
546	489678.13	3861408.47	3.55E-04	3.46E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.09E-07	1.90E-07	8.66E-08	8.55E-08	4.10E-09	9.90E-08	2.19E-08	2.84E-08	4.51E-08	7.95E-09	4.49E-08	2.51E-07
547	489728.13	3861408.47	3.59E-04	3.50E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.12E-07	1.92E-07	8.76E-08	8.65E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.56E-08	8.04E-09	4.54E-08	2.54E-07
548	489528.13	3861458.47	3.37E-04	3.29E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.24E-08	8.13E-08	3.90E-09	9.42E-08	2.08E-08	2.70E-08	4.29E-08	7.56E-09	4.27E-08	2.39E-07
549	489578.13	3861458.47	3.41E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.32E-08	8.21E-08	3.94E-09	9.51E-08	2.10E-08	2.73E-08	4.33E-08	7.63E-09	4.31E-08	2.41E-07
550	489628.13	3861458.47	3.44E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.08E-07	2.03E-07	1.84E-07	8.41E-08	8.30E-08	3.98E-09	9.61E-08	2.12E-08	2.76E-08	4.38E-08	7.72E-09	4.35E-08	2.44E-07
551	489678.13	3861458.47	3.48E-04	3.40E-04	3.35E-04	1.20E-07	3.64E-07	2.11E-07	2.06E-07	1.86E-07	8.50E-08	8.39E-08	4.02E-09	9.72E-08	2.14E-08	2.79E-08	4.43E-08	7.80E-09	4.40E-08	2.47E-07
552	489728.13	3861458.47	3.51E-04	3.43E-04	3.38E-04	1.22E-07	3.67E-07	2.13E-07	2.07E-07	1.88E-07	8.58E-08	8.47E-08	4.06E-09	9.81E-08	2.17E-08	2.82E-08	4.47E-08	7.88E-09	4.44E-08	2.49E-07
553	489528.13	3861508.47	3.31E-04	3.23E-04	3.18E-04	1.14E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.08E-08	7.97E-08	3.82E-09	9.23E-08	2.04E-08	2.65E-08	4.20E-08	7.41E-09	4.18E-08	2.34E-07
554	489578.13	3861508.47	3.34E-04	3.26E-04	3.22E-04	1.16E-07	3.49E-07	2.02E-07	1.97E-07	1.79E-07	8.16E-08	8.05E-08	3.86E-09	9.33E-08	2.06E-08	2.68E-08	4.25E-08	7.49E-09	4.22E-08	2.37E-07
555	489628.13	3861508.47	3.38E-04	3.30E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.25E-08	8.14E-08	3.90E-09	9.43E-08	2.08E-08	2.71E-08	4.29E-08	7.57E-09	4.27E-08	2.39E-07
556	489678.13	3861508.47	3.41E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.32E-08	8.21E-08	3.94E-09	9.51E-08	2.10E-08	2.73E-08	4.33E-08	7.63E-09	4.31E-08	2.41E-07
557	489728.13	3861508.47	3.44E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.08E-07	2.03E-07	1.84E-07	8.41E-08	8.30E-08	3.98E-09	9.61E-08	2.12E-08	2.76E-08	4.38E-08	7.72E-09	4.35E-08	2.44E-07
558	489628.13	3861558.47	3.31E-04	3.23E-04	3.19E-04	1.15E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.09E-08	7.98E-08	3.83E-09	9.24E-08	2.04E-08	2.65E-08	4.21E-08	7.42E-09	4.19E-08	2.35E-07
559	489678.13	3861558.47	3.34E-04	3.26E-04	3.22E-04	1.16E-07	3.50E-07	2.02E-07	1.97E-07	1.79E-07	8.17E-08	8.06E-08	3.87E-09	9.34E-08	2.06E-08	2.68E-08	4.25E-08	7.49E-09	4.23E-08	2.37E-07
560	489728.13	3861558.47	3.38E-04	3.30E-04	3.26E-04	1.17E-07	3.53E-07	2.05E-07	2.00E-07	1.81E-07	8.26E-08	8.15E-08	3.91E-09	9.44E-08	2.08E-08	2.71E-08	4.30E-08	7.58E-09	4.28E-08	2.40E-07
561	489357.08	3861015.81	3.93E-04	3.84E-04	3.79E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.11E-07	9.61E-08	9.48E-08	4.55E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.79E-07
562	489407.08	3861015.81	3.98E-04	3.88E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.72E-08	9.59E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.92E-09	5.03E-08	2.82E-07
563	489457.08	3861015.81	4.02E-04	3.93E-04	3.87E-04	1.39E-07	4.21E-07	2.43E-07	2.38E-07	2.15E-07	9.83E-08	9.70E-08	4.65E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.02E-09	5.09E-08	2.85E-07
564	489357.08	3861065.81	3.85E-04	3.76E-04	3.71E-04	1.33E-07	4.02E-07	2.33E-07	2.27E-07	2.06E-07	9.40E-08	9.28E-08	4.45E-09	1.08E-07	2.37E-08	3.09E-08	4.90E-08	8.63E-09	4.87E-08	2.73E-07
565	489407.08	3861065.81	3.89E-04	3.79E-04	3.74E-04	1.35E-07	4.06E-07	2.35E-07	2.30E-07	2.08E-07	9.49E-08	9.37E-08	4.49E-09	1.09E-07	2.40E-08	3.12E-08	4.94E-08	8.71E-09	4.92E-08	2.75E-07
566	489457.08	3861065.81	3.93E-04	3.84E-04	3.79E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.11E-07	9.61E-08	9.48E-08	4.55E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.79E-07
567	489357.08	3861115.81	3.77E-04	3.68E-04	3.63E-04	1.30E-07	3.94E-07	2.28E-07	2.22E-07	2.02E-07	9.20E-08	9.08E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.44E-09	4.76E-08	2.67E-07
568	489407.08	3861115.81	3.81E-04	3.72E-04	3.67E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.30E-08	9.18E-08	4.40E-09	1.06E-07	2.35E-08	3.05E-08	4.84E-08	8.54E-09	4.82E-08	2.70E-07
569	489457.08	3861115.81	3.85E-04	3.76E-04	3.71E-04	1.33E-07	4.02E-07	2.33E-07	2.27E-07	2.06E-07	9.40E-08	9.28E-08	4.45E-09	1.08E-07	2.37E-08	3.09E-08	4.90E-08	8.63E-09	4.87E-08	2.73E-07
570	489407.08	3861165.81	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.89E-07	2.25E-07	2.20E-07	1.99E-07	9.10E-08	8.98E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.35E-09	4.71E-08	2.64E-07
571	489457.08	3861165.81	3.77E-04	3.68E-04	3.63E-04	1.30E-07	3.94E-07	2.28E-07	2.22E-07	2.02E-07	9.20E-08	9.08E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.44E-09	4.76E-08	2.67E-07
572	489407.08	3861215.81	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
573	489457.08	3861215.81	3.68E-04	3.59E-04	3.54E-04	1.27E-07	3.85E-07	2.23E-07	2.17E-07	1.97E-07	8.99E-08	8.87E-08	4.25E-09	1.03E-07	2.27E-08	2.95E-08	4.68E-08	8.25E-09	4.65E-08	2.61E-07
574	489407.08	3861265.81	3.56E-04	3.47E-04	3.43E-04	1.23E-07	3.72E-07	2.15E-07	2.10E-07	1.91E-07	8.69E-08	8.58E-08	4.11E-09	9.94E-08	2.19E-08	2.85E-08	4.53E-08	7.98E-09	4.50E-08	2.52E-07
575	489457.08	3861265.81	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
576	489309.86	3861110.14	3.73E-04	3.64E-04	3.60E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.12E-08	9.00E-08	4.32E-09	1.04E-07	2.30E-08	2.99E-08	4.75E-08	8.37E-09	4.72E-08	2.65E-07
577	489407.08	3861315.81	3.48E-04	3.40E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.06E-07	1.87E-07	8.51E-08	8.40E-08	4.03E-09	9.73E-08	2.15E-08	2.79E-08	4.43E-08	7.81E-09	4.41E-08	2.47E-07
578	489457.08	3861315.81	3.52E-04	3.44E-04	3.39E-04	1.22E-07	3.68E-07	2.13E-07	2.08E-07	1.89E-07	8.60E-08	8.49E-08	4.07E-09	9.83E-08	2.17E-08	2.82E-08	4.48E-08	7.89E-09	4.45E-08	2.50E-07
579	488906.03	3861006.75	3.61E-04	3.52E-04	3.47E-04	1.25E-07	3.77E-07	2.18E-07	2.13E-07	1.93E-07	8.80E-08	8.69E-08	4.17E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.08E-09	4.56E-08	2.55E-07
580	488956.03	3861006.75	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
581	488904.24	3861051.87	3.55E-04	3.46E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.09E-07	1.90E-07	8.66E-08	8.55E-08	4.10E-09	9.90E-08	2.19E-08	2.84E-08	4.51E-08	7.95E-09	4.49E-08	2.51E-07
582	488954.24	3861051.87	3.58E-04	3.49E-04	3.44E-04	1.24E-07	3.74E-07	2.16E-07	2.11E-07	1.91E-07	8.73E-08	8.62E-08	4.13E-09	9.99E-08	2.20E-08	2.87E-08	4.55E-08	8.02E-09	4.52E-08	2.53E-07
583	489004.24	3861051.87	3.62E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.14E-07	1.94E-07	8.84E-08	8.72E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.11E-09	4.58E-08	2.56E-07
584	488804.24	3861101.87	3.41E-04	3.33E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.83E-07	8.33E-08	8.22E-08	3.94E-09	9.52E-08	2.10E-08	2.73E-08	4.34E-08	7.64E-09	4.31E-08	2.42E-07
585	488854.24	3861101.87	3.45E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.09E-07	2.04E-07	1.85E-07	8.42E-08	8.31E-08	3.99E-09	9.63E-08	2.12E-08	2.76E-08	4.38E-08	7.73E-09	4.36E-08	2.44E-07
586	488904.24	3861101.87	3.47E-04	3.38E-04	3.34E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.47E-08	8.36E-08	4.01E-09	9.68E-08	2.14E-08	2.78E-08	4.41E-08	7.77E-09	4.39E-08	2.46E-07
587	488954.24	3861101.87	3.50E-04	3.42E-04	3.37E-04	1.21E-07	3.66E-07	2.12E-07	2.07E-07	1.87E-07	8.55E-08	8.44E-08	4.05E-09	9.78E-08	2.16E-08	2.81E-08	4.45E-08	7.85E-09	4.43E-08	2.48E-07
588	489004.24	3861101.87	3.53E-04	3.45E-04	3.40E-04	1.22E-07	3.69E-07	2.14E-07	2.08E-07	1.89E-07	8.62E-08	8.51E-08	4.08E-09	9.86E-08	2.18E-08	2.83E-08	4.49E-08	7.91E-09	4.47E-08	2.50E-07
589	488804.24	3861151.87	3.34E-04	3.25E-04	3.21E-04	1.15E-07	3.49E-07	2.02E-07	1.97E-07	1.79E-07	8.15E-08	8.04E-08	3.86E-09	9.31E-08	2.06E-08	2.67E-08	4.24E-08	7.48E-09	4.22E-08	2.36E-07
590	488854.24	3861151.87	3.36E-04	3.28E-04	3.24E-04	1.16E-07	3.52E-07	2.04E-07	1.99E-07	1.80E-07	8.22E-08	8.11E-08	3.89E-09	9.39E-08	2.07E-08	2.70E-08	4.28E-08	7.54E-09	4.26E-08	2.38E-07
591	489129.49	3861187.55	3.48E-04	3.40E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.06E-07	1.87E-07	8.51E-08	8.40E-08	4.03E-09	9.73E-08	2.15E-08	2.79E-08	4.43E-08	7.81E-09	4.41E-08	2.47E-07
592	489179.49	3861187.55	3.52E-04	3.43E-04	3.39E-04	1.22E-07	3.68E-07	2.13E-07	2.08E-07	1.88E-07	8.59E-08	8.48E-08	4.07E-09	9.82E-08	2.17E-08	2.82E-08	4.47E-08	7.89E-09	4.45E-08	2.49E-07
593	488804.24	3861201.87	3.27E-04	3.19E-04	3.15E-04	1.13E-07	3.42E-07	1.98E-07	1.93E-07	1.75E-07	7.99E-08	7.89E-08	3.78E-09	9.14E-08	2.02E-08	2.62E-08	4.16E-08	7.34E-09	4.14E-08	2.32E-07
594	488854.24	3861201.87	3.30E-04	3.22E-04	3.18E-04	1.14E-07	3.45E-07	2.00E-07	1.95E-07	1.77E-07	8.06E-08	7.95E-08	3.81E-09	9.21E-08	2.03E-08	2.64E-08	4.19E-08	7.39E-09	4.17E-08	2.34E-07
595	489129.49	3861237.55	3.42E-04	3.34E-04	3.29E-04	1.18E-07	3.57E-07	2.07E-07	2.02E-07	1.83E-07	8.35E-08	8.24E-08	3.95E-09	9.55E-08	2.11E-08	2.74E-08	4.35E-08	7.66E-09	4.32E-08	2.42E-07
596	489179.49	3861237.55	3.45E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.09E-07	2.04E-07	1.85E-07	8.42E-08	8.31E-08	3.99E-09	9.63E-08	2.12E-08	2.76E-08	4.38E-08	7.73E-09	4.36E-08	2.44E-07
597	488804.24	3861251.87	3.22E-04	3.14E-04	3.10E-04	1.11E-07	3.36E-07	1.95E-07	1.90E-07	1.72E-07	7.85E-08	7.75E-08	3.72E-09	8.98E-08	1.98E-08	2.58E-08	4.09E-08	7.21E-09	4.07E-08	2.28E-07
598	488854.24	3861251.87	3.24E-04	3.16E-04	3.12E-04	1.12E-07	3.38E-07	1.96E-07	1.91E-07	1.73E-07	7.90E-08	7.80E-08	3.74E-09	9.04E-08	1.99E-08	2.59E-08	4.12E-08	7.25E-09	4.09E-08	2.29E-07

599	488804.24	3861301.87	3.15E-04	3.07E-04	3.03E-04	1.09E-07	3.29E-07	1.91E-07	1.86E-07	1.69E-07	7.69E-08	7.59E-08	3.64E-09	8.79E-08	1.94E-08	2.52E-08	4.00E-08	7.06E-09	3.98E-08	2.23E-07
600	488854.24	3861301.87	3.18E-04	3.10E-04	3.06E-04	1.10E-07	3.32E-07	1.92E-07	1.88E-07	1.70E-07	7.76E-08	7.66E-08	3.67E-09	8.87E-08	1.96E-08	2.55E-08	4.04E-08	7.12E-09	4.02E-08	2.25E-07
601	490943.5	3860181.97	2.59E-03	2.53E-03	2.50E-03	8.98E-07	2.71E-06	1.57E-06	1.53E-06	1.39E-06	6.34E-07	6.25E-07	3.00E-08	7.24E-07	1.60E-07	2.08E-07	3.30E-07	5.81E-08	3.28E-07	1.84E-06
602	490993.5	3860181.97	2.93E-03	2.86E-03	2.82E-03	1.01E-06	3.06E-06	1.77E-06	1.73E-06	1.57E-06	7.16E-07	7.06E-07	3.39E-08	8.18E-07	1.81E-07	2.35E-07	3.73E-07	6.57E-08	3.71E-07	2.08E-06
603	491043.5	3860181.97	3.39E-03	3.31E-03	3.27E-03	1.17E-06	3.55E-06	2.05E-06	2.00E-06	1.82E-06	8.29E-07	8.18E-07	3.92E-08	9.47E-07	2.09E-07	2.72E-07	4.31E-07	7.60E-08	4.29E-07	2.40E-06
604	491093.5	3860181.97	4.06E-03	3.96E-03	3.90E-03	1.40E-06	4.24E-06	2.45E-06	2.39E-06	2.17E-06	9.90E-07	9.77E-07	4.69E-08	1.13E-06	2.50E-07	3.25E-07	5.16E-07	9.09E-08	5.13E-07	2.87E-06
605	490943.5	3860231.97	2.19E-03	2.13E-03	2.11E-03	7.57E-07	2.29E-06	1.32E-06	1.29E-06	1.17E-06	5.34E-07	5.27E-07	2.53E-08	6.11E-07	1.35E-07	1.75E-07	2.78E-07	4.90E-08	2.77E-07	1.55E-06
606	490993.5	3860231.97	2.43E-03	2.38E-03	2.34E-03	8.43E-07	2.54E-06	1.47E-06	1.44E-06	1.30E-06	5.94E-07	5.87E-07	2.81E-08	6.80E-07	1.50E-07	1.95E-07	3.10E-07	5.46E-08	3.08E-07	1.72E-06
607	491043.5	3860231.97	2.74E-03	2.67E-03	2.63E-03	9.47E-07	2.86E-06	1.66E-06	1.62E-06	1.46E-06	6.68E-07	6.59E-07	3.16E-08	7.64E-07	1.69E-07	2.19E-07	3.48E-07	6.13E-08	3.46E-07	1.94E-06
608	491093.5	3860231.97	3.15E-03	3.07E-03	3.03E-03	1.09E-06	3.29E-06	1.90E-06	1.86E-06	1.68E-06	7.68E-07	7.58E-07	3.64E-08	8.78E-07	1.94E-07	2.52E-07	4.00E-07	7.05E-08	3.98E-07	2.23E-06
609	490943.5	3860281.97	1.90E-03	1.85E-03	1.83E-03	6.56E-07	1.98E-06	1.15E-06	1.12E-06	1.01E-06	4.63E-07	4.57E-07	2.19E-08	5.29E-07	1.17E-07	1.52E-07	2.41E-07	4.25E-08	2.40E-07	1.34E-06
610	490993.5	3860281.97	2.08E-03	2.03E-03	2.00E-03	7.19E-07	2.17E-06	1.26E-06	1.23E-06	1.11E-06	5.07E-07	5.01E-07	2.40E-08	5.80E-07	1.28E-07	1.67E-07	2.64E-07	4.66E-08	2.63E-07	1.47E-06
611	491043.5	3860281.97	2.30E-03	2.24E-03	2.21E-03	7.95E-07	2.40E-06	1.39E-06	1.36E-06	1.23E-06	5.61E-07	5.53E-07	2.65E-08	6.41E-07	1.41E-07	1.84E-07	2.92E-07	5.14E-08	2.90E-07	1.63E-06
612	491093.5	3860281.97	2.58E-03	2.51E-03	2.48E-03	8.92E-07	2.69E-06	1.56E-06	1.52E-06	1.38E-06	6.29E-07	6.21E-07	2.98E-08	7.19E-07	1.59E-07	2.07E-07	3.28E-07	5.77E-08	3.26E-07	1.83E-06
613	490943.5	3860331.97	1.68E-03	1.64E-03	1.61E-03	5.80E-07	1.75E-06	1.01E-06	9.90E-07	8.97E-07	4.09E-07	4.04E-07	1.94E-08	4.68E-07	1.03E-07	1.34E-07	2.13E-07	3.76E-08	2.12E-07	1.19E-06
614	490993.5	3860331.97	1.81E-03	1.77E-03	1.74E-03	6.26E-07	1.89E-06	1.09E-06	1.07E-06	9.69E-07	4.42E-07	4.36E-07	2.09E-08	5.05E-07	1.12E-07	1.45E-07	2.30E-07	4.06E-08	2.29E-07	1.28E-06
615	491043.5	3860331.97	1.97E-03	1.93E-03	1.90E-03	6.83E-07	2.06E-06	1.19E-06	1.16E-06	1.06E-06	4.82E-07	4.75E-07	2.28E-08	5.51E-07	1.22E-07	1.58E-07	2.51E-07	4.42E-08	2.49E-07	1.40E-06
616	491093.5	3860331.97	2.18E-03	2.12E-03	2.10E-03	7.54E-07	2.28E-06	1.32E-06	1.29E-06	1.17E-06	5.32E-07	5.25E-07	2.52E-08	6.08E-07	1.34E-07	1.75E-07	2.77E-07	4.88E-08	2.75E-07	1.54E-06
617	490086.72	3859935.12	1.66E-03	1.62E-03	1.60E-03	5.74E-07	1.73E-06	1.00E-06	9.79E-07	8.87E-07	4.05E-07	3.99E-07	1.92E-08	4.63E-07	1.02E-07	1.33E-07	2.11E-07	3.71E-08	2.10E-07	1.17E-06
618	490136.72	3859935.12	1.76E-03	1.72E-03	1.70E-03	6.10E-07	1.84E-06	1.07E-06	1.04E-06	9.44E-07	4.31E-07	4.25E-07	2.04E-08	4.92E-07	1.09E-07	1.41E-07	2.24E-07	3.95E-08	2.23E-07	1.25E-06
619	490186.72	3859935.12	1.88E-03	1.84E-03	1.81E-03	6.52E-07	1.97E-06	1.14E-06	1.11E-06	1.01E-06	4.60E-07	4.54E-07	2.18E-08	5.26E-07	1.16E-07	1.51E-07	2.40E-07	4.22E-08	2.38E-07	1.33E-06
620	490236.72	3859935.12	2.02E-03	1.97E-03	1.95E-03	7.00E-07	2.11E-06	1.22E-06	1.19E-06	1.08E-06	4.94E-07	4.87E-07	2.34E-08	5.64E-07	1.25E-07	1.62E-07	2.57E-07	4.53E-08	2.56E-07	1.43E-06
621	490286.72	3859935.12	2.18E-03	2.12E-03	2.10E-03	7.54E-07	2.28E-06	1.32E-06	1.29E-06	1.17E-06	5.32E-07	5.25E-07	2.52E-08	6.08E-07	1.34E-07	1.75E-07	2.77E-07	4.88E-08	2.75E-07	1.54E-06
622	490336.72	3859935.12	2.36E-03	2.30E-03	2.27E-03	8.16E-07	2.47E-06	1.43E-06	1.39E-06	1.26E-06	5.76E-07	5.68E-07	2.73E-08	6.59E-07	1.45E-07	1.89E-07	3.00E-07	5.29E-08	2.98E-07	1.67E-06
623	490386.72	3859935.12	2.58E-03	2.52E-03	2.48E-03	8.93E-07	2.70E-06	1.56E-06	1.52E-06	1.38E-06	6.30E-07	6.21E-07	2.98E-08	7.20E-07	1.59E-07	2.07E-07	3.28E-07	5.78E-08	3.26E-07	1.83E-06
624	490436.72	3859935.12	2.84E-03	2.77E-03	2.74E-03	9.84E-07	2.97E-06	1.72E-06	1.68E-06	1.52E-06	6.94E-07	6.85E-07	3.28E-08	7.93E-07	1.75E-07	2.28E-07	3.61E-07	6.37E-08	3.59E-07	2.01E-06
625	490486.72	3859935.12	3.17E-03	3.09E-03	3.05E-03	1.10E-06	3.31E-06	1.92E-06	1.87E-06	1.70E-06	7.74E-07	7.63E-07	3.66E-08	8.85E-07	1.95E-07	2.54E-07	4.03E-07	7.10E-08	4.01E-07	2.24E-06
626	490536.72	3859935.12	3.61E-03	3.52E-03	3.48E-03	1.25E-06	3.77E-06	2.19E-06	2.13E-06	1.93E-06	8.82E-07	8.70E-07	4.17E-08	1.01E-06	2.23E-07	2.90E-07	4.59E-07	8.09E-08	4.57E-07	2.56E-06
627	490586.72	3859935.12	4.20E-03	4.10E-03	4.05E-03	1.45E-06	4.39E-06	2.54E-06	2.48E-06	2.25E-06	1.03E-06	1.01E-06	4.86E-08	1.17E-06	2.59E-07	3.37E-07	5.35E-07	9.42E-08	5.32E-07	2.98E-06
628	490636.72	3859935.12	4.97E-03	4.85E-03	4.78E-03	1.72E-06	5.19E-06	3.00E-06	2.93E-06	2.66E-06	1.21E-06	1.20E-06	5.74E-08	1.39E-06	3.06E-07	3.98E-07	6.31E-07	1.11E-07	6.28E-07	3.52E-06
629	490686.72	3859935.12	6.14E-03	5.99E-03	5.91E-03	2.12E-06	6.41E-06	3.71E-06	3.62E-06	3.28E-06	1.50E-06	1.48E-06	7.09E-08	1.71E-06	3.78E-07	4.92E-07	7.80E-07	1.38E-07	7.76E-07	4.35E-06
630	490736.72	3859935.12	7.81E-03	7.62E-03	7.52E-03	2.70E-06	8.16E-06	4.72E-06	4.61E-06	4.18E-06	1.91E-06	1.88E-06	9.03E-08	2.18E-06	4.81E-07	6.26E-07	9.93E-07	1.75E-07	9.88E-07	5.53E-06
631	490086.72	3859985.12	1.45E-03	1.42E-03	1.40E-03	5.04E-07	1.52E-06	8.80E-07	8.59E-07	7.79E-07	3.55E-07	3.51E-07	1.68E-08	4.06E-07	8.96E-08	1.17E-07	1.85E-07	3.26E-08	1.84E-07	1.03E-06
632	490136.72	3859985.12	1.53E-03	1.50E-03	1.48E-03	5.31E-07	1.60E-06	9.27E-07	9.05E-07	8.20E-07	3.74E-07	3.69E-07	1.77E-08	4.28E-07	9.44E-08	1.23E-07	1.95E-07	3.43E-08	1.94E-07	1.09E-06
633	490186.72	3859985.12	1.62E-03	1.58E-03	1.56E-03	5.61E-07	1.70E-06	9.81E-07	9.58E-07	8.68E-07	3.96E-07	3.91E-07	1.87E-08	4.53E-07	9.99E-08	1.30E-07	2.06E-07	3.63E-08	2.05E-07	1.15E-06
634	490236.72	3859985.12	1.72E-03	1.68E-03	1.66E-03	5.97E-07	1.80E-06	1.04E-06	1.02E-06	9.22E-07	4.21E-07	4.15E-07	1.99E-08	4.81E-07	1.06E-07	1.38E-07	2.19E-07	3.86E-08	2.18E-07	1.22E-06
635	490286.72	3859985.12	1.83E-03	1.79E-03	1.76E-03	6.34E-07	1.92E-06	1.11E-06	1.08E-06	9.81E-07	4.48E-07	4.42E-07	2.12E-08	5.12E-07	1.13E-07	1.47E-07	2.33E-07	4.11E-08	2.32E-07	1.30E-06
636	490336.72	3859985.12	1.96E-03	1.91E-03	1.88E-03	6.78E-07	2.05E-06	1.18E-06	1.16E-06	1.05E-06	4.78E-07	4.72E-07	2.26E-08	5.47E-07	1.21E-07	1.57E-07	2.49E-07	4.39E-08	2.48E-07	1.39E-06
637	490386.72	3859985.12	2.10E-03	2.04E-03	2.02E-03	7.25E-07	2.19E-06	1.27E-06	1.24E-06	1.12E-06	5.12E-07	5.05E-07	2.42E-08	5.85E-07	1.29E-07	1.68E-07	2.66E-07	4.70E-08	2.65E-07	1.48E-06
638	490436.72	3859985.12	2.26E-03	2.21E-03	2.18E-03	7.83E-07	2.36E-06	1.37E-06	1.33E-06	1.21E-06	5.52E-07	5.45E-07	2.61E-08	6.31E-07	1.39E-07	1.81E-07	2.87E-07	5.07E-08	2.86E-07	1.60E-06
639	490486.72	3859985.12	2.46E-03	2.40E-03	2.37E-03	8.52E-07	2.57E-06	1.49E-06	1.45E-06	1.32E-06	6.01E-07	5.93E-07	2.84E-08	6.87E-07	1.52E-07	1.97E-07	3.13E-07	5.51E-08	3.11E-07	1.74E-06
640	490536.72	3859985.12	2.71E-03	2.64E-03	2.61E-03	9.38E-07	2.83E-06	1.64E-06	1.60E-06	1.45E-06	6.62E-07	6.53E-07	3.13E-08	7.57E-07	1.67E-07	2.17E-07	3.45E-07	6.07E-08	3.43E-07	1.92E-06
641	490586.72	3859985.12	3.02E-03	2.95E-03	2.91E-03	1.05E-06	3.16E-06	1.83E-06	1.78E-06	1.62E-06	7.38E-07	7.28E-07	3.49E-08	8.44E-07	1.86E-07	2.42E-07	3.84E-07	6.77E-08	3.82E-07	2.14E-06
642	490636.72	3859985.12	3.42E-03	3.34E-03	3.29E-03	1.18E-06	3.57E-06	2.07E-06	2.02E-06	1.83E-06	8.35E-07	8.24E-07	3.95E-08	9.55E-07	2.11E-07	2.74E-07	4.35E-07	7.66E-08	4.33E-07	2.42E-06
643	490686.72	3859985.12	3.95E-03	3.86E-03	3.81E-03	1.37E-06	4.13E-06	2.39E-06	2.33E-06	2.12E-06	9.66E-07	9.53E-07	4.57E-08	1.10E-06	2.44E-07	3.17E-07	5.03E-07	8.86E-08	5.00E-07	2.80E-06
644	490736.72	3859985.12	4.62E-03	4.50E-03	4.44E-03	1.60E-06	4.82E-06	2.79E-06	2.73E-06	2.47E-06	1.13E-06	1.11E-06	5.34E-08	1.29E-06	2.84E-07	3.70E-07	5.87E-07	1.03E-07	5.84E-07	3.27E-06
645	490786.72	3859985.12	5.54E-03	5.40E-03	5.33E-03	1.92E-06	5.79E-06	3.35E-06	3.27E-06	2.96E-06	1.35E-06	1.33E-06	6.40E-08	1.55E-06	3.41E-07	4.44E-07	7.04E-07	1.24E-07	7.00E-07	3.92E-06
646	490086.72	3860035.12	1.30E-03	1.27E-03	1.25E-03	4.50E-07	1.36E-06	7.87E-07	7.68E-07	6.96E-07	3.18E-07	3.13E-07	1.50E-08	3.63E-07	8.01E-08	1.04E-07	1.65E-07	2.91E-08	1.64E-07	9.21E-07
647	490136.72	3860035.12	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.24E-07	8.04E-07	7.29E-07	3.32E-07	3.28E-07	1.57E-08	3.80E-07	8.39E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.65E-07
648	490186.72	3860035.12	1.43E-03	1.39E-03	1.38E-03	4.95E-07	1.49E-06	8.65E-07	8.44E-07	7.65E-07	3.49E-07	3.44E-07	1.65E-08	3.99E-07	8.80E-08	1.15E-07	1.82E-07	3.20E-08	1.81E-07	1.01E-06
649	490236.72	3860035.12	1.50E-03	1.47E-03	1.45E-03	5.20E-07	1.57E-06	9.10E-07	8.88E-07	8.05E-07	3.67E-07	3.62E-07	1.74E-08	4.20E-07	9.26E-08	1.21E-07	1.91E-07	3.37E-08	1.90E-07	1.07E-06
650	490286.72	3860035.12	1.58E-03	1.55E-03	1.53E-03	5.48E-07	1.66E-06	9.59E-07	9.35E-07	8.48E-07	3.87E-07	3.82E-07	1.83E-08	4.42E-07	9.76E-08	1.27E-07	2.01E-07	3.55E-08	2.00E-07	1.12E-06
651	490336.72	3860035.12	1.68E-03	1.64E-03	1.62E-03	5.81E-07	1.75E-06	1.02E-06	9.91E-07	8.98E-07	4.10E-07	4.04E-07	1.94E-08	4.69E-07	1.03E-07	1.35E-07	2.13E-07	3.76E-08	2.12E-07	1.19E-06
652	490386.72	3860035.12	1.78E-03	1.73E-03	1.71E-03	6.15E-07	1.86E-06	1.07E-06	1.05E-06	9.51E-07	4.34E-07	4.28E-07	2.05E-08	4.96E-07	1.09E-07	1.42E-07	2.26E-07	3.98E-08	2.25E-07	1.26E-06
653	490436.72	3860035.12	1.89E-03	1.84E-03	1.82E-03	6.54E-07	1.98E-06	1.14E-06	1.12E-06	1.01E-06	4.62E-07	4.56E-07	2.19E-08	5.28E-07	1.16E-07	1.52E-07	2.40E-07	4.24E-08	2.39E-07	1.34E-06

654	490486.72	3860035.12	2.02E-03	1.98E-03	1.95E-03	7.01E-07	2.12E-06	1.22E-06	1.20E-06	1.08E-06	4.94E-07	4.88E-07	2.34E-08	5.65E-07	1.25E-07	1.62E-07	2.57E-07	4.54E-08	2.56E-07	1.43E-06
655	490536.72	3860035.12	2.19E-03	2.13E-03	2.10E-03	7.57E-07	2.28E-06	1.32E-06	1.29E-06	1.17E-06	5.34E-07	5.27E-07	2.53E-08	6.10E-07	1.35E-07	1.75E-07	2.78E-07	4.90E-08	2.76E-07	1.55E-06
656	490586.72	3860035.12	2.38E-03	2.32E-03	2.29E-03	8.22E-07	2.48E-06	1.44E-06	1.40E-06	1.27E-06	5.80E-07	5.73E-07	2.75E-08	6.63E-07	1.46E-07	1.90E-07	3.02E-07	5.33E-08	3.00E-07	1.68E-06
657	490636.72	3860035.12	2.60E-03	2.53E-03	2.50E-03	8.98E-07	2.71E-06	1.57E-06	1.53E-06	1.39E-06	6.34E-07	6.25E-07	3.00E-08	7.25E-07	1.60E-07	2.08E-07	3.30E-07	5.82E-08	3.28E-07	1.84E-06
658	490686.72	3860035.12	2.88E-03	2.81E-03	2.78E-03	9.98E-07	3.01E-06	1.75E-06	1.70E-06	1.54E-06	7.04E-07	6.95E-07	3.33E-08	8.05E-07	1.78E-07	2.31E-07	3.67E-07	6.46E-08	3.65E-07	2.04E-06
659	490736.72	3860035.12	3.27E-03	3.19E-03	3.15E-03	1.13E-06	3.42E-06	1.98E-06	1.93E-06	1.75E-06	7.98E-07	7.88E-07	3.78E-08	9.13E-07	2.01E-07	2.62E-07	4.16E-07	7.33E-08	4.13E-07	2.32E-06
660	490786.72	3860035.12	3.72E-03	3.63E-03	3.58E-03	1.29E-06	3.89E-06	2.25E-06	2.20E-06	1.99E-06	9.08E-07	8.96E-07	4.30E-08	1.04E-06	2.29E-07	2.98E-07	4.73E-07	8.33E-08	4.70E-07	2.63E-06
661	490836.72	3860035.12	4.31E-03	4.21E-03	4.15E-03	1.49E-06	4.51E-06	2.61E-06	2.55E-06	2.31E-06	1.05E-06	1.04E-06	4.99E-08	1.20E-06	2.66E-07	3.46E-07	5.48E-07	9.67E-08	5.45E-07	3.06E-06
662	490086.72	3860085.12	1.18E-03	1.15E-03	1.14E-03	4.09E-07	1.23E-06	7.15E-07	6.98E-07	6.32E-07	2.89E-07	2.85E-07	1.37E-08	3.30E-07	7.28E-08	9.47E-08	1.50E-07	2.65E-08	1.49E-07	8.37E-07
663	490136.72	3860085.12	1.23E-03	1.20E-03	1.18E-03	4.25E-07	1.28E-06	7.42E-07	7.24E-07	6.57E-07	3.00E-07	2.96E-07	1.42E-08	3.43E-07	7.56E-08	9.83E-08	1.56E-07	2.75E-08	1.55E-07	8.69E-07
664	490186.72	3860085.12	1.28E-03	1.25E-03	1.24E-03	4.44E-07	1.34E-06	7.76E-07	7.58E-07	6.87E-07	3.13E-07	3.09E-07	1.48E-08	3.58E-07	7.91E-08	1.03E-07	1.63E-07	2.88E-08	1.62E-07	9.09E-07
665	490236.72	3860085.12	1.34E-03	1.31E-03	1.29E-03	4.64E-07	1.40E-06	8.12E-07	7.92E-07	7.18E-07	3.28E-07	3.23E-07	1.55E-08	3.75E-07	8.26E-08	1.08E-07	1.71E-07	3.01E-08	1.70E-07	9.50E-07
666	490286.72	3860085.12	1.40E-03	1.37E-03	1.35E-03	4.86E-07	1.47E-06	8.50E-07	8.29E-07	7.52E-07	3.43E-07	3.38E-07	1.62E-08	3.92E-07	8.65E-08	1.13E-07	1.79E-07	3.15E-08	1.78E-07	9.95E-07
667	490336.72	3860085.12	1.47E-03	1.44E-03	1.42E-03	5.10E-07	1.54E-06	8.91E-07	8.69E-07	7.88E-07	3.60E-07	3.55E-07	1.70E-08	4.11E-07	9.07E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
668	490386.72	3860085.12	1.55E-03	1.51E-03	1.49E-03	5.36E-07	1.62E-06	9.37E-07	9.14E-07	8.29E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.54E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
669	490436.72	3860085.12	1.63E-03	1.59E-03	1.57E-03	5.65E-07	1.71E-06	9.88E-07	9.64E-07	8.74E-07	3.99E-07	3.94E-07	1.89E-08	4.56E-07	1.01E-07	1.31E-07	2.08E-07	3.66E-08	2.07E-07	1.16E-06
670	490486.72	3860085.12	1.73E-03	1.69E-03	1.66E-03	5.98E-07	1.81E-06	1.05E-06	1.02E-06	9.25E-07	4.22E-07	4.16E-07	2.00E-08	4.82E-07	1.06E-07	1.38E-07	2.20E-07	3.87E-08	2.18E-07	1.22E-06
671	490536.72	3860085.12	1.84E-03	1.80E-03	1.77E-03	6.38E-07	1.92E-06	1.11E-06	1.09E-06	9.86E-07	4.50E-07	4.44E-07	2.13E-08	5.14E-07	1.13E-07	1.48E-07	2.34E-07	4.13E-08	2.33E-07	1.31E-06
672	490586.72	3860085.12	1.97E-03	1.93E-03	1.90E-03	6.83E-07	2.06E-06	1.19E-06	1.17E-06	1.06E-06	4.82E-07	4.76E-07	2.28E-08	5.51E-07	1.22E-07	1.58E-07	2.51E-07	4.42E-08	2.50E-07	1.40E-06
673	490636.72	3860085.12	2.12E-03	2.07E-03	2.04E-03	7.35E-07	2.22E-06	1.29E-06	1.25E-06	1.14E-06	5.19E-07	5.12E-07	2.45E-08	5.93E-07	1.31E-07	1.70E-07	2.70E-07	4.76E-08	2.69E-07	1.50E-06
674	490686.72	3860085.12	2.31E-03	2.25E-03	2.22E-03	7.99E-07	2.41E-06	1.40E-06	1.36E-06	1.24E-06	5.64E-07	5.56E-07	2.67E-08	6.45E-07	1.42E-07	1.85E-07	2.94E-07	5.18E-08	2.92E-07	1.64E-06
675	490736.72	3860085.12	2.54E-03	2.48E-03	2.44E-03	8.78E-07	2.65E-06	1.54E-06	1.50E-06	1.36E-06	6.20E-07	6.12E-07	2.93E-08	7.09E-07	1.56E-07	2.03E-07	3.23E-07	5.69E-08	3.21E-07	1.80E-06
676	490786.72	3860085.12	2.82E-03	2.75E-03	2.71E-03	9.76E-07	2.95E-06	1.71E-06	1.66E-06	1.51E-06	6.88E-07	6.79E-07	3.26E-08	7.87E-07	1.74E-07	2.26E-07	3.59E-07	6.32E-08	3.57E-07	2.00E-06
677	490836.72	3860085.12	3.16E-03	3.08E-03	3.04E-03	1.09E-06	3.30E-06	1.91E-06	1.86E-06	1.69E-06	7.71E-07	7.61E-07	3.65E-08	8.81E-07	1.95E-07	2.53E-07	4.01E-07	7.08E-08	3.99E-07	2.24E-06
678	490086.72	3860135.12	1.08E-03	1.05E-03	1.04E-03	3.72E-07	1.12E-06	6.51E-07	6.35E-07	5.76E-07	2.63E-07	2.59E-07	1.24E-08	3.00E-07	6.63E-08	8.62E-08	1.37E-07	2.41E-08	1.36E-07	7.62E-07
679	490136.72	3860135.12	1.12E-03	1.09E-03	1.08E-03	3.87E-07	1.17E-06	6.76E-07	6.60E-07	5.98E-07	2.73E-07	2.69E-07	1.29E-08	3.12E-07	6.88E-08	8.96E-08	1.42E-07	2.50E-08	1.41E-07	7.92E-07
680	490186.72	3860135.12	1.16E-03	1.14E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	6.87E-07	6.23E-07	2.84E-07	2.80E-07	1.35E-08	3.25E-07	7.17E-08	9.33E-08	1.48E-07	2.61E-08	1.47E-07	8.25E-07
681	490236.72	3860135.12	1.21E-03	1.18E-03	1.17E-03	4.19E-07	1.27E-06	7.33E-07	7.15E-07	6.48E-07	2.96E-07	2.92E-07	1.40E-08	3.38E-07	7.46E-08	9.71E-08	1.54E-07	2.71E-08	1.53E-07	8.58E-07
682	490286.72	3860135.12	1.26E-03	1.23E-03	1.22E-03	4.37E-07	1.32E-06	7.64E-07	7.46E-07	6.76E-07	3.09E-07	3.04E-07	1.46E-08	3.53E-07	7.78E-08	1.01E-07	1.61E-07	2.83E-08	1.60E-07	8.95E-07
683	490336.72	3860135.12	1.32E-03	1.29E-03	1.27E-03	4.56E-07	1.38E-06	7.98E-07	7.78E-07	7.06E-07	3.22E-07	3.18E-07	1.52E-08	3.68E-07	8.12E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.34E-07
684	490386.72	3860135.12	1.38E-03	1.35E-03	1.33E-03	4.77E-07	1.44E-06	8.34E-07	8.14E-07	7.38E-07	3.37E-07	3.32E-07	1.59E-08	3.85E-07	8.49E-08	1.11E-07	1.75E-07	3.09E-08	1.74E-07	9.77E-07
685	490436.72	3860135.12	1.44E-03	1.41E-03	1.39E-03	5.00E-07	1.51E-06	8.73E-07	8.52E-07	7.73E-07	3.52E-07	3.48E-07	1.67E-08	4.03E-07	8.89E-08	1.16E-07	1.84E-07	3.23E-08	1.83E-07	1.02E-06
686	490486.72	3860135.12	1.52E-03	1.48E-03	1.46E-03	5.25E-07	1.59E-06	9.18E-07	8.96E-07	8.12E-07	3.71E-07	3.66E-07	1.75E-08	4.24E-07	9.35E-08	1.22E-07	1.93E-07	3.40E-08	1.92E-07	1.08E-06
687	490536.72	3860135.12	1.60E-03	1.56E-03	1.54E-03	5.55E-07	1.68E-06	9.70E-07	9.47E-07	8.58E-07	3.92E-07	3.86E-07	1.85E-08	4.48E-07	9.88E-08	1.29E-07	2.04E-07	3.59E-08	2.03E-07	1.14E-06
688	490586.72	3860135.12	1.70E-03	1.66E-03	1.64E-03	5.88E-07	1.78E-06	1.03E-06	1.00E-06	9.10E-07	4.15E-07	4.10E-07	1.96E-08	4.75E-07	1.05E-07	1.36E-07	2.16E-07	3.81E-08	2.15E-07	1.20E-06
689	490636.72	3860135.12	1.81E-03	1.77E-03	1.74E-03	6.27E-07	1.89E-06	1.10E-06	1.07E-06	9.69E-07	4.42E-07	4.36E-07	2.09E-08	5.06E-07	1.12E-07	1.45E-07	2.30E-07	4.06E-08	2.29E-07	1.28E-06
690	490686.72	3860135.12	1.94E-03	1.89E-03	1.87E-03	6.71E-07	2.03E-06	1.17E-06	1.14E-06	1.04E-06	4.73E-07	4.67E-07	2.24E-08	5.41E-07	1.19E-07	1.55E-07	2.47E-07	4.35E-08	2.45E-07	1.37E-06
691	490736.72	3860135.12	2.09E-03	2.04E-03	2.02E-03	7.25E-07	2.19E-06	1.27E-06	1.24E-06	1.12E-06	5.11E-07	5.04E-07	2.42E-08	5.84E-07	1.29E-07	1.68E-07	2.66E-07	4.69E-08	2.65E-07	1.48E-06
692	490786.72	3860135.12	2.28E-03	2.23E-03	2.20E-03	7.91E-07	2.39E-06	1.38E-06	1.35E-06	1.22E-06	5.58E-07	5.51E-07	2.64E-08	6.38E-07	1.41E-07	1.83E-07	2.91E-07	5.12E-08	2.89E-07	1.62E-06
693	490836.72	3860135.12	2.51E-03	2.45E-03	2.41E-03	8.68E-07	2.62E-06	1.52E-06	1.48E-06	1.34E-06	6.12E-07	6.04E-07	2.90E-08	7.00E-07	1.54E-07	2.01E-07	3.19E-07	5.62E-08	3.17E-07	1.78E-06
694	490086.72	3860185.12	9.92E-04	9.68E-04	9.55E-04	3.43E-07	1.04E-06	6.00E-07	5.85E-07	5.31E-07	2.42E-07	2.39E-07	1.15E-08	2.77E-07	6.11E-08	7.95E-08	1.26E-07	2.22E-08	1.25E-07	7.03E-07
695	490136.72	3860185.12	1.03E-03	1.00E-03	9.90E-04	3.56E-07	1.07E-06	6.22E-07	6.07E-07	5.50E-07	2.51E-07	2.48E-07	1.19E-08	2.87E-07	6.33E-08	8.24E-08	1.31E-07	2.30E-08	1.30E-07	7.28E-07
696	490186.72	3860185.12	1.07E-03	1.04E-03	1.03E-03	3.69E-07	1.11E-06	6.45E-07	6.30E-07	5.71E-07	2.60E-07	2.57E-07	1.23E-08	2.98E-07	6.57E-08	8.55E-08	1.36E-07	2.39E-08	1.35E-07	7.56E-07
697	490236.72	3860185.12	1.11E-03	1.08E-03	1.07E-03	3.83E-07	1.16E-06	6.69E-07	6.53E-07	5.92E-07	2.70E-07	2.67E-07	1.28E-08	3.09E-07	6.82E-08	8.87E-08	1.41E-07	2.48E-08	1.40E-07	7.84E-07
698	490286.72	3860185.12	1.15E-03	1.12E-03	1.11E-03	3.98E-07	1.20E-06	6.96E-07	6.79E-07	6.15E-07	2.81E-07	2.77E-07	1.33E-08	3.21E-07	7.08E-08	9.22E-08	1.46E-07	2.58E-08	1.45E-07	8.15E-07
699	490336.72	3860185.12	1.20E-03	1.17E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.06E-07	6.40E-07	2.92E-07	2.88E-07	1.38E-08	3.34E-07	7.37E-08	9.59E-08	1.52E-07	2.68E-08	1.51E-07	8.47E-07
700	490386.72	3860185.12	1.25E-03	1.21E-03	1.20E-03	4.31E-07	1.30E-06	7.53E-07	7.35E-07	6.66E-07	3.04E-07	3.00E-07	1.44E-08	3.48E-07	7.67E-08	9.98E-08	1.58E-07	2.79E-08	1.57E-07	8.82E-07
701	490436.72	3860185.12	1.30E-03	1.27E-03	1.25E-03	4.50E-07	1.36E-06	7.86E-07	7.67E-07	6.95E-07	3.17E-07	3.13E-07	1.50E-08	3.63E-07	8.01E-08	1.04E-07	1.65E-07	2.91E-08	1.64E-07	9.21E-07
702	490486.72	3860185.12	1.36E-03	1.33E-03	1.31E-03	4.70E-07	1.42E-06	8.22E-07	8.02E-07	7.27E-07	3.32E-07	3.27E-07	1.57E-08	3.79E-07	8.37E-08	1.09E-07	1.73E-07	3.04E-08	1.72E-07	9.63E-07
703	490536.72	3860185.12	1.43E-03	1.39E-03	1.37E-03	4.94E-07	1.49E-06	8.63E-07	8.42E-07	7.63E-07	3.48E-07	3.44E-07	1.65E-08	3.98E-07	8.79E-08	1.14E-07	1.81E-07	3.20E-08	1.80E-07	1.01E-06
704	490586.72	3860185.12	1.50E-03	1.47E-03	1.45E-03	5.20E-07	1.57E-06	9.09E-07	8.87E-07	8.04E-07	3.67E-07	3.62E-07	1.74E-08	4.20E-07	9.26E-08	1.20E-07	1.91E-07	3.37E-08	1.90E-07	1.06E-06
705	490636.72	3860185.12	1.59E-03	1.55E-03	1.53E-03	5.49E-07	1.66E-06	9.60E-07	9.37E-07	8.50E-07	3.88E-07	3.83E-07	1.83E-08	4.43E-07	9.78E-08	1.27E-07	2.02E-07	3.56E-08	2.01E-07	1.12E-06
706	490686.72	3860185.12	1.69E-03	1.65E-03	1.62E-03	5.84E-07	1.76E-06	1.02E-06	9.96E-07	9.02E-07	4.12E-07	4.06E-07	1.95E-08	4.71E-07	1.04E-07	1.35E-07	2.14E-07	3.78E-08	2.13E-07	1.19E-06
707	490736.72	3860185.12	1.80E-03	1.75E-03	1.73E-03	6.22E-07	1.88E-06	1.09E-06	1.06E-06	9.62E-07	4.39E-07	4.33E-07	2.08E-08	5.02E-07	1.11E-07	1.44E-07	2.29E-07	4.03E-08	2.27E-07	1.27E-06
708	490786.72	3860185.12	1.93E-03	1.89E-03	1.86E-03	6.70E-07	2.02E-06	1.17E-06	1.14E-06	1.04E-06	4.72E-07	4.66E-07	2.24E-08	5.40E-07	1.19E-07	1.55E-07	2.46E-07	4.34E-08	2.45E-07	1.37E-06

709	490836.72	3860185.12	2.10E-03	2.05E-03	2.02E-03	7.26E-07	2.19E-06	1.27E-06	1.24E-06	1.12E-06	5.12E-07	5.05E-07	2.42E-08	5.86E-07	1.29E-07	1.68E-07	2.67E-07	4.70E-08	2.65E-07	1.49E-06
710	490086.72	3860235.12	9.23E-04	9.00E-04	8.88E-04	3.19E-07	9.64E-07	5.58E-07	5.45E-07	4.94E-07	2.25E-07	2.22E-07	1.07E-08	2.58E-07	5.68E-08	7.40E-08	1.17E-07	2.07E-08	1.17E-07	6.54E-07
711	490136.72	3860235.12	9.53E-04	9.30E-04	9.18E-04	3.30E-07	9.96E-07	5.77E-07	5.63E-07	5.10E-07	2.33E-07	2.30E-07	1.10E-08	2.66E-07	5.87E-08	7.64E-08	1.21E-07	2.14E-08	1.21E-07	6.76E-07
712	490186.72	3860235.12	9.86E-04	9.62E-04	9.50E-04	3.41E-07	1.03E-06	5.97E-07	5.82E-07	5.28E-07	2.41E-07	2.38E-07	1.14E-08	2.75E-07	6.08E-08	7.91E-08	1.25E-07	2.21E-08	1.25E-07	6.99E-07
713	490236.72	3860235.12	1.02E-03	9.96E-04	9.83E-04	3.53E-07	1.07E-06	6.18E-07	6.03E-07	5.46E-07	2.49E-07	2.46E-07	1.18E-08	2.85E-07	6.29E-08	8.18E-08	1.30E-07	2.29E-08	1.29E-07	7.23E-07
714	490286.72	3860235.12	1.06E-03	1.03E-03	1.02E-03	3.66E-07	1.11E-06	6.40E-07	6.24E-07	5.66E-07	2.58E-07	2.55E-07	1.22E-08	2.95E-07	6.52E-08	8.48E-08	1.34E-07	2.37E-08	1.34E-07	7.49E-07
715	490336.72	3860235.12	1.10E-03	1.07E-03	1.06E-03	3.80E-07	1.15E-06	6.64E-07	6.48E-07	5.87E-07	2.68E-07	2.64E-07	1.27E-08	3.06E-07	6.76E-08	8.79E-08	1.39E-07	2.46E-08	1.39E-07	7.77E-07
716	490386.72	3860235.12	1.14E-03	1.11E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	6.73E-07	6.10E-07	2.78E-07	2.75E-07	1.32E-08	3.18E-07	7.02E-08	9.13E-08	1.45E-07	2.55E-08	1.44E-07	8.07E-07
717	490436.72	3860235.12	1.19E-03	1.16E-03	1.14E-03	4.10E-07	1.24E-06	7.17E-07	7.00E-07	6.34E-07	2.89E-07	2.86E-07	1.37E-08	3.31E-07	7.30E-08	9.50E-08	1.51E-07	2.66E-08	1.50E-07	8.40E-07
718	490486.72	3860235.12	1.23E-03	1.20E-03	1.19E-03	4.27E-07	1.29E-06	7.47E-07	7.29E-07	6.61E-07	3.01E-07	2.97E-07	1.43E-08	3.45E-07	7.60E-08	9.89E-08	1.57E-07	2.77E-08	1.56E-07	8.75E-07
719	490536.72	3860235.12	1.29E-03	1.26E-03	1.24E-03	4.47E-07	1.35E-06	7.80E-07	7.62E-07	6.90E-07	3.15E-07	3.11E-07	1.49E-08	3.60E-07	7.95E-08	1.03E-07	1.64E-07	2.89E-08	1.63E-07	9.14E-07
720	490586.72	3860235.12	1.35E-03	1.32E-03	1.30E-03	4.68E-07	1.41E-06	8.18E-07	7.98E-07	7.23E-07	3.30E-07	3.26E-07	1.56E-08	3.77E-07	8.33E-08	1.08E-07	1.72E-07	3.03E-08	1.71E-07	9.58E-07
721	490636.72	3860235.12	1.42E-03	1.39E-03	1.37E-03	4.92E-07	1.49E-06	8.60E-07	8.39E-07	7.61E-07	3.47E-07	3.42E-07	1.64E-08	3.97E-07	8.75E-08	1.14E-07	1.81E-07	3.18E-08	1.80E-07	1.01E-06
722	490686.72	3860235.12	1.50E-03	1.46E-03	1.44E-03	5.19E-07	1.57E-06	9.07E-07	8.86E-07	8.03E-07	3.66E-07	3.61E-07	1.73E-08	4.19E-07	9.24E-08	1.20E-07	1.91E-07	3.36E-08	1.90E-07	1.06E-06
723	490736.72	3860235.12	1.59E-03	1.55E-03	1.53E-03	5.50E-07	1.66E-06	9.61E-07	9.38E-07	8.50E-07	3.88E-07	3.83E-07	1.84E-08	4.44E-07	9.79E-08	1.27E-07	2.02E-07	3.56E-08	2.01E-07	1.13E-06
724	490786.72	3860235.12	1.69E-03	1.65E-03	1.63E-03	5.86E-07	1.77E-06	1.02E-06	9.99E-07	9.06E-07	4.13E-07	4.08E-07	1.96E-08	4.73E-07	1.04E-07	1.36E-07	2.15E-07	3.79E-08	2.14E-07	1.20E-06
725	490086.72	3860285.12	8.64E-04	8.43E-04	8.32E-04	2.99E-07	9.03E-07	5.23E-07	5.10E-07	4.63E-07	2.11E-07	2.08E-07	9.99E-09	2.41E-07	5.32E-08	6.93E-08	1.10E-07	1.94E-08	1.09E-07	6.12E-07
726	490136.72	3860285.12	8.91E-04	8.69E-04	8.58E-04	3.08E-07	9.31E-07	5.39E-07	5.26E-07	4.77E-07	2.18E-07	2.15E-07	1.03E-08	2.49E-07	5.49E-08	7.14E-08	1.13E-07	2.00E-08	1.13E-07	6.31E-07
727	490186.72	3860285.12	9.19E-04	8.96E-04	8.84E-04	3.18E-07	9.60E-07	5.56E-07	5.42E-07	4.92E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.66E-08	7.36E-08	1.17E-07	2.06E-08	1.16E-07	6.51E-07
728	490236.72	3860285.12	9.49E-04	9.26E-04	9.14E-04	3.29E-07	9.92E-07	5.74E-07	5.60E-07	5.08E-07	2.32E-07	2.29E-07	1.10E-08	2.65E-07	5.85E-08	7.61E-08	1.21E-07	2.13E-08	1.20E-07	6.73E-07
729	490286.72	3860285.12	9.80E-04	9.57E-04	9.44E-04	3.39E-07	1.02E-06	5.93E-07	5.79E-07	5.25E-07	2.39E-07	2.36E-07	1.13E-08	2.74E-07	6.04E-08	7.86E-08	1.25E-07	2.20E-08	1.24E-07	6.95E-07
730	490336.72	3860285.12	1.01E-03	9.90E-04	9.77E-04	3.51E-07	1.06E-06	6.14E-07	5.99E-07	5.43E-07	2.48E-07	2.45E-07	1.17E-08	2.83E-07	6.25E-08	8.13E-08	1.29E-07	2.27E-08	1.28E-07	7.19E-07
731	490386.72	3860285.12	1.05E-03	1.03E-03	1.01E-03	3.64E-07	1.10E-06	6.37E-07	6.21E-07	5.63E-07	2.57E-07	2.54E-07	1.22E-08	2.94E-07	6.48E-08	8.43E-08	1.34E-07	2.36E-08	1.33E-07	7.46E-07
732	490436.72	3860285.12	1.09E-03	1.06E-03	1.05E-03	3.78E-07	1.14E-06	6.60E-07	6.44E-07	5.84E-07	2.66E-07	2.63E-07	1.26E-08	3.05E-07	6.72E-08	8.75E-08	1.39E-07	2.45E-08	1.38E-07	7.73E-07
733	490486.72	3860285.12	1.13E-03	1.11E-03	1.09E-03	3.93E-07	1.19E-06	6.86E-07	6.70E-07	6.07E-07	2.77E-07	2.73E-07	1.31E-08	3.17E-07	6.99E-08	9.09E-08	1.44E-07	2.54E-08	1.43E-07	8.04E-07
734	490536.72	3860285.12	1.18E-03	1.15E-03	1.14E-03	4.09E-07	1.23E-06	7.14E-07	6.97E-07	6.32E-07	2.88E-07	2.85E-07	1.36E-08	3.30E-07	7.27E-08	9.47E-08	1.50E-07	2.65E-08	1.49E-07	8.37E-07
735	490586.72	3860285.12	1.23E-03	1.20E-03	1.19E-03	4.26E-07	1.29E-06	7.45E-07	7.27E-07	6.59E-07	3.01E-07	2.97E-07	1.42E-08	3.44E-07	7.59E-08	9.87E-08	1.57E-07	2.76E-08	1.56E-07	8.73E-07
736	490636.72	3860285.12	1.29E-03	1.26E-03	1.24E-03	4.46E-07	1.35E-06	7.80E-07	7.61E-07	6.90E-07	3.15E-07	3.11E-07	1.49E-08	3.60E-07	7.94E-08	1.03E-07	1.64E-07	2.89E-08	1.63E-07	9.14E-07
737	490686.72	3860285.12	1.36E-03	1.32E-03	1.31E-03	4.69E-07	1.42E-06	8.20E-07	8.00E-07	7.25E-07	3.31E-07	3.27E-07	1.57E-08	3.78E-07	8.35E-08	1.09E-07	1.72E-07	3.04E-08	1.71E-07	9.60E-07
738	490736.72	3860285.12	1.43E-03	1.39E-03	1.38E-03	4.94E-07	1.49E-06	8.64E-07	8.43E-07	7.65E-07	3.49E-07	3.44E-07	1.65E-08	3.99E-07	8.80E-08	1.15E-07	1.82E-07	3.20E-08	1.81E-07	1.01E-06
739	490786.72	3860285.12	1.51E-03	1.48E-03	1.46E-03	5.24E-07	1.58E-06	9.16E-07	8.93E-07	8.10E-07	3.70E-07	3.65E-07	1.75E-08	4.22E-07	9.32E-08	1.21E-07	1.92E-07	3.39E-08	1.91E-07	1.07E-06
740	490086.72	3860335.12	8.15E-04	7.96E-04	7.85E-04	2.82E-07	8.52E-07	4.93E-07	4.81E-07	4.36E-07	1.99E-07	1.96E-07	9.42E-09	2.28E-07	5.02E-08	6.54E-08	1.04E-07	1.83E-08	1.03E-07	5.78E-07
741	490136.72	3860335.12	8.38E-04	8.18E-04	8.07E-04	2.90E-07	8.76E-07	5.07E-07	4.95E-07	4.49E-07	2.05E-07	2.02E-07	9.69E-09	2.34E-07	5.17E-08	6.72E-08	1.07E-07	1.88E-08	1.06E-07	5.94E-07
742	490186.72	3860335.12	8.62E-04	8.41E-04	8.30E-04	2.98E-07	9.01E-07	5.22E-07	5.09E-07	4.61E-07	2.11E-07	2.08E-07	9.97E-09	2.41E-07	5.31E-08	6.91E-08	1.10E-07	1.93E-08	1.09E-07	6.11E-07
743	490236.72	3860335.12	8.89E-04	8.67E-04	8.56E-04	3.08E-07	9.29E-07	5.38E-07	5.25E-07	4.76E-07	2.17E-07	2.14E-07	1.03E-08	2.48E-07	5.48E-08	7.12E-08	1.13E-07	1.99E-08	1.12E-07	6.30E-07
744	490286.72	3860335.12	9.16E-04	8.94E-04	8.82E-04	3.17E-07	9.57E-07	5.54E-07	5.41E-07	4.90E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.64E-08	7.34E-08	1.16E-07	2.05E-08	1.16E-07	6.49E-07
745	490336.72	3860335.12	9.46E-04	9.23E-04	9.11E-04	3.27E-07	9.89E-07	5.72E-07	5.59E-07	5.06E-07	2.31E-07	2.28E-07	1.09E-08	2.64E-07	5.83E-08	7.58E-08	1.20E-07	2.12E-08	1.20E-07	6.70E-07
746	490386.72	3860335.12	9.78E-04	9.54E-04	9.42E-04	3.39E-07	1.02E-06	5.92E-07	5.77E-07	5.23E-07	2.39E-07	2.36E-07	1.13E-08	2.73E-07	6.02E-08	7.84E-08	1.24E-07	2.19E-08	1.24E-07	6.93E-07
747	490436.72	3860335.12	1.01E-03	9.88E-04	9.75E-04	3.51E-07	1.06E-06	6.13E-07	5.98E-07	5.42E-07	2.47E-07	2.44E-07	1.17E-08	2.83E-07	6.24E-08	8.12E-08	1.29E-07	2.27E-08	1.28E-07	7.18E-07
748	490486.72	3860335.12	1.05E-03	1.02E-03	1.01E-03	3.63E-07	1.10E-06	6.35E-07	6.20E-07	5.62E-07	2.56E-07	2.53E-07	1.21E-08	2.93E-07	6.47E-08	8.42E-08	1.34E-07	2.35E-08	1.33E-07	7.44E-07
749	490536.72	3860335.12	1.09E-03	1.06E-03	1.05E-03	3.78E-07	1.14E-06	6.60E-07	6.44E-07	5.84E-07	2.66E-07	2.63E-07	1.26E-08	3.05E-07	6.72E-08	8.74E-08	1.39E-07	2.44E-08	1.38E-07	7.73E-07
750	490586.72	3860335.12	1.14E-03	1.11E-03	1.09E-03	3.93E-07	1.19E-06	6.87E-07	6.70E-07	6.08E-07	2.77E-07	2.74E-07	1.31E-08	3.17E-07	6.99E-08	9.10E-08	1.44E-07	2.54E-08	1.44E-07	8.04E-07
751	490636.72	3860335.12	1.18E-03	1.16E-03	1.14E-03	4.10E-07	1.24E-06	7.16E-07	6.99E-07	6.34E-07	2.89E-07	2.85E-07	1.37E-08	3.31E-07	7.30E-08	9.49E-08	1.51E-07	2.65E-08	1.50E-07	8.39E-07
752	490686.72	3860335.12	1.24E-03	1.21E-03	1.19E-03	4.29E-07	1.30E-06	7.50E-07	7.32E-07	6.63E-07	3.03E-07	2.99E-07	1.43E-08	3.46E-07	7.64E-08	9.93E-08	1.58E-07	2.78E-08	1.57E-07	8.78E-07
753	490736.72	3860335.12	1.30E-03	1.27E-03	1.25E-03	4.50E-07	1.36E-06	7.87E-07	7.68E-07	6.96E-07	3.18E-07	3.14E-07	1.50E-08	3.63E-07	8.02E-08	1.04E-07	1.65E-07	2.92E-08	1.65E-07	9.22E-07
754	490786.72	3860335.12	1.37E-03	1.34E-03	1.32E-03	4.75E-07	1.43E-06	8.30E-07	8.10E-07	7.35E-07	3.35E-07	3.31E-07	1.59E-08	3.83E-07	8.46E-08	1.10E-07	1.75E-07	3.08E-08	1.74E-07	9.73E-07
755	490086.72	3860385.12	7.74E-04	7.55E-04	7.45E-04	2.68E-07	8.09E-07	4.68E-07	4.57E-07	4.14E-07	1.89E-07	1.87E-07	8.95E-09	2.16E-07	4.77E-08	6.21E-08	9.85E-08	1.74E-08	9.79E-08	5.49E-07
756	490136.72	3860385.12	7.94E-04	7.75E-04	7.65E-04	2.75E-07	8.30E-07	4.80E-07	4.69E-07	4.25E-07	1.94E-07	1.91E-07	9.18E-09	2.22E-07	4.89E-08	6.37E-08	1.01E-07	1.78E-08	1.00E-07	5.63E-07
757	490186.72	3860385.12	8.15E-04	7.95E-04	7.85E-04	2.82E-07	8.52E-07	4.93E-07	4.81E-07	4.36E-07	1.99E-07	1.96E-07	9.42E-09	2.28E-07	5.02E-08	6.53E-08	1.04E-07	1.83E-08	1.03E-07	5.77E-07
758	490236.72	3860385.12	8.37E-04	8.17E-04	8.06E-04	2.90E-07	8.75E-07	5.07E-07	4.94E-07	4.48E-07	2.04E-07	2.02E-07	9.68E-09	2.34E-07	5.16E-08	6.71E-08	1.06E-07	1.88E-08	1.06E-07	5.93E-07
759	490286.72	3860385.12	8.62E-04	8.41E-04	8.30E-04	2.98E-07	9.01E-07	5.21E-07	5.09E-07	4.61E-07	2.10E-07	2.08E-07	9.96E-09	2.41E-07	5.31E-08	6.91E-08	1.10E-07	1.93E-08	1.09E-07	6.11E-07
760	490336.72	3860385.12	8.87E-04	8.66E-04	8.54E-04	3.07E-07	9.28E-07	5.37E-07	5.24E-07	4.75E-07	2.17E-07	2.14E-07	1.03E-08	2.48E-07	5.47E-08	7.11E-08	1.13E-07	1.99E-08	1.12E-07	6.29E-07
761	490386.72	3860385.12	9.16E-04	8.93E-04	8.82E-04	3.17E-07	9.57E-07	5.54E-07	5.41E-07	4.90E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.64E-08	7.34E-08	1.16E-07	2.05E-08	1.16E-07	6.49E-07
762	490436.72	3860385.12	9.46E-04	9.23E-04	9.11E-04	3.28E-07	9.89E-07	5.73E-07	5.59E-07	5.07E-07	2.31E-07	2.28E-07	1.09E-08	2.64E-07	5.83E-08	7.59E-08	1.20E-07	2.12E-08	1.20E-07	6.71E-07
763	490486.72	3860385.12	9.79E-04	9.55E-04	9.43E-04	3.39E-07	1.02E-06	5.92E-07	5.78E-07	5.24E-07	2.39E-07	2.36E-07	1.13E-08	2.73E-07	6.03E-08	7.85E-08	1.25E-07	2.19E-08	1.24E-07	6.94E-07

764	490536.72	3860385.12	1.01E-03	9.90E-04	9.77E-04	3.51E-07	1.06E-06	6.14E-07	5.99E-07	5.43E-07	2.48E-07	2.45E-07	1.17E-08	2.83E-07	6.25E-08	8.13E-08	1.29E-07	2.27E-08	1.28E-07	7.19E-07
765	490586.72	3860385.12	1.05E-03	1.03E-03	1.01E-03	3.65E-07	1.10E-06	6.38E-07	6.22E-07	5.64E-07	2.57E-07	2.54E-07	1.22E-08	2.94E-07	6.49E-08	8.45E-08	1.34E-07	2.36E-08	1.33E-07	7.47E-07
766	490636.72	3860385.12	1.10E-03	1.07E-03	1.06E-03	3.79E-07	1.15E-06	6.63E-07	6.47E-07	5.87E-07	2.68E-07	2.64E-07	1.27E-08	3.06E-07	6.75E-08	8.79E-08	1.39E-07	2.46E-08	1.39E-07	7.77E-07
767	490686.72	3860385.12	1.14E-03	1.12E-03	1.10E-03	3.96E-07	1.20E-06	6.92E-07	6.75E-07	6.12E-07	2.79E-07	2.76E-07	1.32E-08	3.19E-07	7.05E-08	9.17E-08	1.45E-07	2.56E-08	1.45E-07	8.11E-07
768	490736.72	3860385.12	1.20E-03	1.17E-03	1.15E-03	4.14E-07	1.25E-06	7.24E-07	7.06E-07	6.40E-07	2.92E-07	2.88E-07	1.38E-08	3.34E-07	7.37E-08	9.59E-08	1.52E-07	2.68E-08	1.51E-07	8.48E-07
769	490786.72	3860385.12	1.26E-03	1.23E-03	1.21E-03	4.35E-07	1.31E-06	7.60E-07	7.41E-07	6.72E-07	3.07E-07	3.03E-07	1.45E-08	3.51E-07	7.74E-08	1.01E-07	1.60E-07	2.81E-08	1.59E-07	8.90E-07
770	490136.72	3860435.12	7.57E-04	7.38E-04	7.29E-04	2.62E-07	7.91E-07	4.58E-07	4.47E-07	4.05E-07	1.85E-07	1.82E-07	8.75E-09	2.11E-07	4.66E-08	6.07E-08	9.62E-08	1.70E-08	9.57E-08	5.36E-07
771	490186.72	3860435.12	7.75E-04	7.57E-04	7.47E-04	2.68E-07	8.10E-07	4.69E-07	4.58E-07	4.15E-07	1.89E-07	1.87E-07	8.96E-09	2.17E-07	4.78E-08	6.22E-08	9.86E-08	1.74E-08	9.81E-08	5.49E-07
772	490236.72	3860435.12	7.95E-04	7.76E-04	7.65E-04	2.75E-07	8.31E-07	4.81E-07	4.69E-07	4.25E-07	1.94E-07	1.92E-07	9.19E-09	2.22E-07	4.90E-08	6.37E-08	1.01E-07	1.78E-08	1.01E-07	5.63E-07
773	490286.72	3860435.12	8.16E-04	7.96E-04	7.85E-04	2.82E-07	8.53E-07	4.94E-07	4.82E-07	4.37E-07	1.99E-07	1.97E-07	9.43E-09	2.28E-07	5.03E-08	6.54E-08	1.04E-07	1.83E-08	1.03E-07	5.78E-07
774	490336.72	3860435.12	8.38E-04	8.18E-04	8.07E-04	2.90E-07	8.76E-07	5.07E-07	4.95E-07	4.49E-07	2.05E-07	2.02E-07	9.69E-09	2.34E-07	5.16E-08	6.72E-08	1.07E-07	1.88E-08	1.06E-07	5.94E-07
775	490386.72	3860435.12	8.63E-04	8.42E-04	8.31E-04	2.99E-07	9.02E-07	5.22E-07	5.10E-07	4.62E-07	2.11E-07	2.08E-07	9.98E-09	2.41E-07	5.32E-08	6.92E-08	1.10E-07	1.93E-08	1.09E-07	6.11E-07
776	490436.72	3860435.12	8.89E-04	8.68E-04	8.56E-04	3.08E-07	9.30E-07	5.38E-07	5.25E-07	4.76E-07	2.17E-07	2.14E-07	1.03E-08	2.48E-07	5.48E-08	7.13E-08	1.13E-07	1.99E-08	1.12E-07	6.30E-07
777	490486.72	3860435.12	9.19E-04	8.96E-04	8.84E-04	3.18E-07	9.60E-07	5.56E-07	5.42E-07	4.92E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.66E-08	7.36E-08	1.17E-07	2.06E-08	1.16E-07	6.51E-07
778	490536.72	3860435.12	9.50E-04	9.27E-04	9.15E-04	3.29E-07	9.93E-07	5.75E-07	5.61E-07	5.09E-07	2.32E-07	2.29E-07	1.10E-08	2.65E-07	5.85E-08	7.62E-08	1.21E-07	2.13E-08	1.20E-07	6.73E-07
779	490586.72	3860435.12	9.84E-04	9.60E-04	9.48E-04	3.41E-07	1.03E-06	5.95E-07	5.81E-07	5.27E-07	2.40E-07	2.37E-07	1.14E-08	2.75E-07	6.06E-08	7.89E-08	1.25E-07	2.21E-08	1.24E-07	6.97E-07
780	490636.72	3860435.12	1.02E-03	9.97E-04	9.83E-04	3.54E-07	1.07E-06	6.18E-07	6.03E-07	5.47E-07	2.49E-07	2.46E-07	1.18E-08	2.85E-07	6.29E-08	8.19E-08	1.30E-07	2.29E-08	1.29E-07	7.24E-07
781	490686.72	3860435.12	1.06E-03	1.04E-03	1.02E-03	3.68E-07	1.11E-06	6.43E-07	6.27E-07	5.69E-07	2.59E-07	2.56E-07	1.23E-08	2.97E-07	6.55E-08	8.52E-08	1.35E-07	2.38E-08	1.34E-07	7.53E-07
782	490736.72	3860435.12	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.55E-07	5.93E-07	2.71E-07	2.67E-07	1.28E-08	3.10E-07	6.83E-08	8.89E-08	1.41E-07	2.48E-08	1.40E-07	7.86E-07
783	490786.72	3860435.12	1.16E-03	1.13E-03	1.12E-03	4.01E-07	1.21E-06	7.01E-07	6.84E-07	6.20E-07	2.83E-07	2.79E-07	1.34E-08	3.24E-07	7.14E-08	9.29E-08	1.47E-07	2.60E-08	1.47E-07	8.21E-07
784	490136.72	3860485.12	7.26E-04	7.09E-04	6.99E-04	2.51E-07	7.59E-07	4.40E-07	4.29E-07	3.89E-07	1.77E-07	1.75E-07	8.40E-09	2.03E-07	4.48E-08	5.82E-08	9.24E-08	1.63E-08	9.19E-08	5.15E-07
785	490186.72	3860485.12	7.42E-04	7.24E-04	7.15E-04	2.57E-07	7.76E-07	4.49E-07	4.38E-07	3.97E-07	1.81E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	5.95E-08	9.44E-08	1.66E-08	9.39E-08	5.26E-07
786	490236.72	3860485.12	7.59E-04	7.41E-04	7.31E-04	2.63E-07	7.94E-07	4.59E-07	4.48E-07	4.06E-07	1.85E-07	1.83E-07	8.78E-09	2.12E-07	4.68E-08	6.09E-08	9.66E-08	1.70E-08	9.60E-08	5.38E-07
787	490286.72	3860485.12	7.78E-04	7.59E-04	7.49E-04	2.69E-07	8.13E-07	4.71E-07	4.59E-07	4.16E-07	1.90E-07	1.87E-07	8.99E-09	2.17E-07	4.79E-08	6.24E-08	9.89E-08	1.74E-08	9.84E-08	5.51E-07
788	490336.72	3860485.12	7.97E-04	7.78E-04	7.68E-04	2.76E-07	8.33E-07	4.82E-07	4.71E-07	4.27E-07	1.95E-07	1.92E-07	9.22E-09	2.23E-07	4.91E-08	6.39E-08	1.01E-07	1.79E-08	1.01E-07	5.65E-07
789	490386.72	3860485.12	8.19E-04	8.00E-04	7.89E-04	2.84E-07	8.56E-07	4.96E-07	4.84E-07	4.39E-07	2.00E-07	1.97E-07	9.47E-09	2.29E-07	5.05E-08	6.57E-08	1.04E-07	1.84E-08	1.04E-07	5.81E-07
790	490436.72	3860485.12	8.43E-04	8.23E-04	8.12E-04	2.92E-07	8.81E-07	5.10E-07	4.98E-07	4.51E-07	2.06E-07	2.03E-07	9.74E-09	2.35E-07	5.19E-08	6.76E-08	1.07E-07	1.89E-08	1.07E-07	5.97E-07
791	490486.72	3860485.12	8.68E-04	8.47E-04	8.36E-04	3.01E-07	9.08E-07	5.25E-07	5.13E-07	4.65E-07	2.12E-07	2.09E-07	1.00E-08	2.42E-07	5.35E-08	6.96E-08	1.10E-07	1.95E-08	1.10E-07	6.15E-07
792	490536.72	3860485.12	8.95E-04	8.74E-04	8.62E-04	3.10E-07	9.36E-07	5.42E-07	5.29E-07	4.79E-07	2.19E-07	2.16E-07	1.03E-08	2.50E-07	5.52E-08	7.18E-08	1.14E-07	2.01E-08	1.13E-07	6.34E-07
793	490586.72	3860485.12	9.25E-04	9.02E-04	8.90E-04	3.20E-07	9.67E-07	5.60E-07	5.46E-07	4.95E-07	2.26E-07	2.23E-07	1.07E-08	2.58E-07	5.70E-08	7.41E-08	1.18E-07	2.07E-08	1.17E-07	6.55E-07
794	490636.72	3860485.12	9.58E-04	9.35E-04	9.22E-04	3.32E-07	1.00E-06	5.80E-07	5.66E-07	5.13E-07	2.34E-07	2.31E-07	1.11E-08	2.67E-07	5.90E-08	7.68E-08	1.22E-07	2.15E-08	1.21E-07	6.79E-07
795	490686.72	3860485.12	9.93E-04	9.69E-04	9.56E-04	3.44E-07	1.04E-06	6.01E-07	5.86E-07	5.32E-07	2.43E-07	2.39E-07	1.15E-08	2.77E-07	6.12E-08	7.96E-08	1.26E-07	2.23E-08	1.26E-07	7.04E-07
796	490736.72	3860485.12	1.03E-03	1.01E-03	9.95E-04	3.58E-07	1.08E-06	6.25E-07	6.10E-07	5.53E-07	2.52E-07	2.49E-07	1.19E-08	2.89E-07	6.37E-08	8.28E-08	1.31E-07	2.32E-08	1.31E-07	7.32E-07
797	490786.72	3860485.12	1.08E-03	1.05E-03	1.04E-03	3.73E-07	1.13E-06	6.52E-07	6.36E-07	5.77E-07	2.63E-07	2.60E-07	1.25E-08	3.01E-07	6.64E-08	8.64E-08	1.37E-07	2.41E-08	1.36E-07	7.63E-07
798	490136.72	3860535.12	6.99E-04	6.83E-04	6.74E-04	2.42E-07	7.31E-07	4.23E-07	4.13E-07	3.74E-07	1.71E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.61E-08	8.90E-08	1.57E-08	8.85E-08	4.96E-07
799	490186.72	3860535.12	7.14E-04	6.97E-04	6.88E-04	2.47E-07	7.47E-07	4.32E-07	4.22E-07	3.82E-07	1.74E-07	1.72E-07	8.26E-09	1.99E-07	4.40E-08	5.73E-08	9.09E-08	1.60E-08	9.04E-08	5.06E-07
800	490236.72	3860535.12	7.30E-04	7.12E-04	7.03E-04	2.53E-07	7.63E-07	4.42E-07	4.31E-07	3.91E-07	1.78E-07	1.76E-07	8.44E-09	2.04E-07	4.50E-08	5.85E-08	9.28E-08	1.64E-08	9.23E-08	5.17E-07
801	490286.72	3860535.12	7.46E-04	7.28E-04	7.18E-04	2.58E-07	7.79E-07	4.51E-07	4.40E-07	3.99E-07	1.82E-07	1.80E-07	8.62E-09	2.08E-07	4.59E-08	5.98E-08	9.48E-08	1.67E-08	9.43E-08	5.28E-07
802	490336.72	3860535.12	7.64E-04	7.45E-04	7.35E-04	2.64E-07	7.98E-07	4.62E-07	4.51E-07	4.09E-07	1.87E-07	1.84E-07	8.83E-09	2.13E-07	4.71E-08	6.12E-08	9.71E-08	1.71E-08	9.66E-08	5.41E-07
803	490386.72	3860535.12	7.83E-04	7.64E-04	7.54E-04	2.71E-07	8.18E-07	4.74E-07	4.62E-07	4.19E-07	1.91E-07	1.89E-07	9.05E-09	2.19E-07	4.82E-08	6.28E-08	9.96E-08	1.75E-08	9.90E-08	5.55E-07
804	490436.72	3860535.12	8.04E-04	7.84E-04	7.74E-04	2.78E-07	8.40E-07	4.86E-07	4.74E-07	4.30E-07	1.96E-07	1.94E-07	9.29E-09	2.24E-07	4.95E-08	6.44E-08	1.02E-07	1.80E-08	1.02E-07	5.69E-07
805	490486.72	3860535.12	8.26E-04	8.06E-04	7.95E-04	2.86E-07	8.63E-07	5.00E-07	4.88E-07	4.42E-07	2.02E-07	1.99E-07	9.55E-09	2.31E-07	5.09E-08	6.62E-08	1.05E-07	1.85E-08	1.04E-07	5.85E-07
806	490536.72	3860535.12	8.51E-04	8.30E-04	8.19E-04	2.94E-07	8.89E-07	5.15E-07	5.02E-07	4.55E-07	2.08E-07	2.05E-07	9.83E-09	2.37E-07	5.24E-08	6.82E-08	1.08E-07	1.91E-08	1.08E-07	6.03E-07
807	490586.72	3860535.12	8.76E-04	8.55E-04	8.43E-04	3.03E-07	9.15E-07	5.30E-07	5.17E-07	4.69E-07	2.14E-07	2.11E-07	1.01E-08	2.45E-07	5.40E-08	7.02E-08	1.11E-07	1.96E-08	1.11E-07	6.21E-07
808	490636.72	3860535.12	9.04E-04	8.82E-04	8.70E-04	3.13E-07	9.45E-07	5.47E-07	5.34E-07	4.84E-07	2.21E-07	2.18E-07	1.04E-08	2.52E-07	5.57E-08	7.25E-08	1.15E-07	2.03E-08	1.14E-07	6.41E-07
809	490686.72	3860535.12	9.35E-04	9.13E-04	9.00E-04	3.24E-07	9.77E-07	5.66E-07	5.52E-07	5.01E-07	2.28E-07	2.25E-07	1.08E-08	2.61E-07	5.76E-08	7.50E-08	1.19E-07	2.10E-08	1.18E-07	6.63E-07
810	490736.72	3860535.12	9.69E-04	9.46E-04	9.33E-04	3.35E-07	1.01E-06	5.86E-07	5.72E-07	5.19E-07	2.37E-07	2.34E-07	1.12E-08	2.71E-07	5.97E-08	7.77E-08	1.23E-07	2.17E-08	1.23E-07	6.87E-07
811	490786.72	3860535.12	1.01E-03	9.84E-04	9.71E-04	3.49E-07	1.05E-06	6.10E-07	5.95E-07	5.40E-07	2.46E-07	2.43E-07	1.17E-08	2.81E-07	6.21E-08	8.08E-08	1.28E-07	2.26E-08	1.28E-07	7.14E-07
812	490136.72	3860585.12	6.75E-04	6.59E-04	6.50E-04	2.34E-07	7.06E-07	4.08E-07	3.99E-07	3.61E-07	1.65E-07	1.63E-07	7.80E-09	1.88E-07	4.16E-08	5.41E-08	8.58E-08	1.51E-08	8.54E-08	4.78E-07
813	490186.72	3860585.12	6.87E-04	6.71E-04	6.62E-04	2.38E-07	7.19E-07	4.16E-07	4.06E-07	3.68E-07	1.68E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.51E-08	8.74E-08	1.54E-08	8.69E-08	4.87E-07
814	490236.72	3860585.12	7.02E-04	6.85E-04	6.76E-04	2.43E-07	7.34E-07	4.25E-07	4.15E-07	3.76E-07	1.72E-07	1.69E-07	8.12E-09	1.96E-07	4.33E-08	5.63E-08	8.93E-08	1.57E-08	8.88E-08	4.98E-07
815	490286.72	3860585.12	7.18E-04	7.00E-04	6.91E-04	2.48E-07	7.50E-07	4.34E-07	4.24E-07	3.84E-07	1.75E-07	1.73E-07	8.30E-09	2.00E-07	4.42E-08	5.75E-08	9.13E-08	1.61E-08	9.08E-08	5.09E-07
816	490336.72	3860585.12	7.34E-04	7.17E-04	7.07E-04	2.54E-07	7.68E-07	4.44E-07	4.34E-07	3.93E-07	1.79E-07	1.77E-07	8.49E-09	2.05E-07	4.52E-08	5.89E-08	9.34E-08	1.65E-08	9.29E-08	5.20E-07
817	490386.72	3860585.12	7.51E-04	7.33E-04	7.23E-04	2.60E-07	7.85E-07	4.54E-07	4.43E-07	4.02E-07	1.83E-07	1.81E-07	8.68E-09	2.10E-07	4.63E-08	6.02E-08	9.55E-08	1.68E-08	9.50E-08	5.32E-07
818	490436.72	3860585.12	7.70E-04	7.52E-04	7.42E-04	2.67E-07	8.05E-07	4.66E-07	4.55E-07	4.12E-07	1.88E-07	1.86E-07	8.91E-09	2.15E-07	4.75E-08	6.18E-08	9.80E-08	1.73E-08	9.74E-08	5.46E-07

819	490486.72	3860585.12	7.90E-04	7.71E-04	7.61E-04	2.74E-07	8.26E-07	4.78E-07	4.67E-07	4.23E-07	1.93E-07	1.90E-07	9.14E-09	2.21E-07	4.87E-08	6.34E-08	1.01E-07	1.77E-08	1.00E-07	5.60E-07
820	490536.72	3860585.12	8.12E-04	7.93E-04	7.82E-04	2.81E-07	8.49E-07	4.92E-07	4.80E-07	4.35E-07	1.98E-07	1.96E-07	9.39E-09	2.27E-07	5.01E-08	6.51E-08	1.03E-07	1.82E-08	1.03E-07	5.76E-07
821	490586.72	3860585.12	8.34E-04	8.14E-04	8.03E-04	2.89E-07	8.72E-07	5.05E-07	4.92E-07	4.46E-07	2.04E-07	2.01E-07	9.64E-09	2.33E-07	5.14E-08	6.68E-08	1.06E-07	1.87E-08	1.05E-07	5.91E-07
822	490636.72	3860585.12	8.59E-04	8.38E-04	8.27E-04	2.97E-07	8.98E-07	5.20E-07	5.07E-07	4.60E-07	2.10E-07	2.07E-07	9.93E-09	2.40E-07	5.29E-08	6.89E-08	1.09E-07	1.93E-08	1.09E-07	6.09E-07
823	490686.72	3860585.12	8.86E-04	8.65E-04	8.53E-04	3.07E-07	9.26E-07	5.36E-07	5.23E-07	4.74E-07	2.16E-07	2.14E-07	1.02E-08	2.47E-07	5.46E-08	7.10E-08	1.13E-07	1.99E-08	1.12E-07	6.28E-07
824	490736.72	3860585.12	9.16E-04	8.94E-04	8.82E-04	3.17E-07	9.58E-07	5.55E-07	5.41E-07	4.91E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.65E-08	7.35E-08	1.17E-07	2.05E-08	1.16E-07	6.49E-07
825	490786.72	3860585.12	9.49E-04	9.26E-04	9.14E-04	3.29E-07	9.92E-07	5.74E-07	5.60E-07	5.08E-07	2.32E-07	2.29E-07	1.10E-08	2.65E-07	5.85E-08	7.61E-08	1.21E-07	2.13E-08	1.20E-07	6.73E-07
826	490136.72	3860635.12	6.50E-04	6.34E-04	6.26E-04	2.25E-07	6.80E-07	3.93E-07	3.84E-07	3.48E-07	1.59E-07	1.57E-07	7.51E-09	1.82E-07	4.01E-08	5.21E-08	8.27E-08	1.46E-08	8.22E-08	4.61E-07
827	490186.72	3860635.12	6.64E-04	6.48E-04	6.39E-04	2.30E-07	6.94E-07	4.02E-07	3.92E-07	3.55E-07	1.62E-07	1.60E-07	7.67E-09	1.85E-07	4.09E-08	5.32E-08	8.44E-08	1.49E-08	8.40E-08	4.70E-07
828	490236.72	3860635.12	6.77E-04	6.61E-04	6.52E-04	2.35E-07	7.08E-07	4.10E-07	4.00E-07	3.63E-07	1.65E-07	1.63E-07	7.83E-09	1.89E-07	4.17E-08	5.43E-08	8.62E-08	1.52E-08	8.57E-08	4.80E-07
829	490286.72	3860635.12	6.92E-04	6.75E-04	6.66E-04	2.39E-07	7.23E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.67E-07	7.99E-09	1.93E-07	4.26E-08	5.54E-08	8.80E-08	1.55E-08	8.75E-08	4.90E-07
830	490336.72	3860635.12	7.07E-04	6.90E-04	6.81E-04	2.45E-07	7.39E-07	4.28E-07	4.17E-07	3.78E-07	1.73E-07	1.70E-07	8.17E-09	1.97E-07	4.36E-08	5.67E-08	8.99E-08	1.58E-08	8.94E-08	5.01E-07
831	490386.72	3860635.12	7.23E-04	7.06E-04	6.96E-04	2.50E-07	7.56E-07	4.38E-07	4.27E-07	3.87E-07	1.77E-07	1.74E-07	8.36E-09	2.02E-07	4.46E-08	5.80E-08	9.20E-08	1.62E-08	9.15E-08	5.12E-07
832	490436.72	3860635.12	7.40E-04	7.22E-04	7.13E-04	2.56E-07	7.74E-07	4.48E-07	4.37E-07	3.96E-07	1.81E-07	1.78E-07	8.56E-09	2.07E-07	4.56E-08	5.93E-08	9.41E-08	1.66E-08	9.36E-08	5.24E-07
833	490486.72	3860635.12	7.59E-04	7.40E-04	7.31E-04	2.63E-07	7.93E-07	4.59E-07	4.48E-07	4.06E-07	1.85E-07	1.83E-07	8.77E-09	2.12E-07	4.68E-08	6.08E-08	9.65E-08	1.70E-08	9.60E-08	5.38E-07
834	490536.72	3860635.12	7.79E-04	7.60E-04	7.50E-04	2.70E-07	8.14E-07	4.71E-07	4.60E-07	4.17E-07	1.90E-07	1.88E-07	9.00E-09	2.17E-07	4.80E-08	6.24E-08	9.90E-08	1.75E-08	9.85E-08	5.52E-07
835	490586.72	3860635.12	7.99E-04	7.80E-04	7.69E-04	2.77E-07	8.35E-07	4.83E-07	4.72E-07	4.28E-07	1.95E-07	1.93E-07	9.24E-09	2.23E-07	4.92E-08	6.41E-08	1.02E-07	1.79E-08	1.01E-07	5.66E-07
836	490636.72	3860635.12	8.21E-04	8.02E-04	7.91E-04	2.84E-07	8.59E-07	4.97E-07	4.85E-07	4.40E-07	2.01E-07	1.98E-07	9.50E-09	2.29E-07	5.06E-08	6.59E-08	1.04E-07	1.84E-08	1.04E-07	5.82E-07
837	490686.72	3860635.12	8.46E-04	8.25E-04	8.14E-04	2.93E-07	8.84E-07	5.12E-07	4.99E-07	4.53E-07	2.06E-07	2.04E-07	9.77E-09	2.36E-07	5.21E-08	6.78E-08	1.08E-07	1.90E-08	1.07E-07	5.99E-07
838	490736.72	3860635.12	8.72E-04	8.51E-04	8.39E-04	3.02E-07	9.11E-07	5.27E-07	5.15E-07	4.67E-07	2.13E-07	2.10E-07	1.01E-08	2.43E-07	5.37E-08	6.99E-08	1.11E-07	1.95E-08	1.10E-07	6.18E-07
839	490786.72	3860635.12	9.01E-04	8.79E-04	8.67E-04	3.12E-07	9.41E-07	5.45E-07	5.32E-07	4.82E-07	2.20E-07	2.17E-07	1.04E-08	2.51E-07	5.55E-08	7.22E-08	1.15E-07	2.02E-08	1.14E-07	6.38E-07
840	490136.72	3860685.12	6.26E-04	6.11E-04	6.03E-04	2.17E-07	6.54E-07	3.79E-07	3.70E-07	3.35E-07	1.53E-07	1.51E-07	7.24E-09	1.75E-07	3.86E-08	5.02E-08	7.96E-08	1.40E-08	7.92E-08	4.44E-07
841	490186.72	3860685.12	6.38E-04	6.23E-04	6.15E-04	2.21E-07	6.67E-07	3.86E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.38E-09	1.78E-07	3.93E-08	5.12E-08	8.12E-08	1.43E-08	8.08E-08	4.52E-07
842	490236.72	3860685.12	6.52E-04	6.36E-04	6.28E-04	2.26E-07	6.82E-07	3.95E-07	3.85E-07	3.49E-07	1.59E-07	1.57E-07	7.54E-09	1.82E-07	4.02E-08	5.23E-08	8.29E-08	1.46E-08	8.25E-08	4.62E-07
843	490286.72	3860685.12	6.65E-04	6.49E-04	6.41E-04	2.30E-07	6.96E-07	4.03E-07	3.93E-07	3.56E-07	1.63E-07	1.60E-07	7.69E-09	1.86E-07	4.10E-08	5.33E-08	8.46E-08	1.49E-08	8.42E-08	4.72E-07
844	490336.72	3860685.12	6.80E-04	6.64E-04	6.55E-04	2.36E-07	7.11E-07	4.12E-07	4.02E-07	3.64E-07	1.66E-07	1.64E-07	7.87E-09	1.90E-07	4.19E-08	5.45E-08	8.65E-08	1.52E-08	8.61E-08	4.82E-07
845	490386.72	3860685.12	6.96E-04	6.79E-04	6.70E-04	2.41E-07	7.27E-07	4.21E-07	4.11E-07	3.72E-07	1.70E-07	1.68E-07	8.04E-09	1.94E-07	4.29E-08	5.58E-08	8.85E-08	1.56E-08	8.80E-08	4.93E-07
846	490436.72	3860685.12	7.12E-04	6.94E-04	6.85E-04	2.46E-07	7.44E-07	4.31E-07	4.20E-07	3.81E-07	1.74E-07	1.71E-07	8.22E-09	1.99E-07	4.38E-08	5.70E-08	9.05E-08	1.59E-08	9.00E-08	5.04E-07
847	490486.72	3860685.12	7.29E-04	7.11E-04	7.02E-04	2.52E-07	7.62E-07	4.41E-07	4.30E-07	3.90E-07	1.78E-07	1.76E-07	8.43E-09	2.04E-07	4.49E-08	5.84E-08	9.27E-08	1.63E-08	9.22E-08	5.17E-07
848	490536.72	3860685.12	7.47E-04	7.29E-04	7.19E-04	2.59E-07	7.81E-07	4.52E-07	4.41E-07	4.00E-07	1.82E-07	1.80E-07	8.64E-09	2.09E-07	4.60E-08	5.99E-08	9.50E-08	1.67E-08	9.45E-08	5.29E-07
849	490586.72	3860685.12	7.67E-04	7.48E-04	7.38E-04	2.65E-07	8.01E-07	4.64E-07	4.53E-07	4.10E-07	1.87E-07	1.85E-07	8.86E-09	2.14E-07	4.72E-08	6.15E-08	9.75E-08	1.72E-08	9.70E-08	5.43E-07
850	490636.72	3860685.12	7.88E-04	7.69E-04	7.59E-04	2.73E-07	8.23E-07	4.77E-07	4.65E-07	4.22E-07	1.92E-07	1.90E-07	9.11E-09	2.20E-07	4.85E-08	6.32E-08	1.00E-07	1.77E-08	9.96E-08	5.58E-07
851	490686.72	3860685.12	8.10E-04	7.91E-04	7.80E-04	2.80E-07	8.47E-07	4.90E-07	4.78E-07	4.34E-07	1.98E-07	1.95E-07	9.37E-09	2.26E-07	4.99E-08	6.50E-08	1.03E-07	1.82E-08	1.02E-07	5.74E-07
852	490736.72	3860685.12	8.34E-04	8.14E-04	8.03E-04	2.89E-07	8.72E-07	5.05E-07	4.92E-07	4.46E-07	2.04E-07	2.01E-07	9.64E-09	2.33E-07	5.14E-08	6.68E-08	1.06E-07	1.87E-08	1.05E-07	5.91E-07
853	490786.72	3860685.12	8.60E-04	8.39E-04	8.28E-04	2.98E-07	8.99E-07	5.20E-07	5.08E-07	4.60E-07	2.10E-07	2.07E-07	9.94E-09	2.40E-07	5.30E-08	6.89E-08	1.09E-07	1.93E-08	1.09E-07	6.09E-07
854	490136.72	3860735.12	6.02E-04	5.87E-04	5.79E-04	2.08E-07	6.29E-07	3.64E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.95E-09	1.68E-07	3.71E-08	4.82E-08	7.65E-08	1.35E-08	7.61E-08	4.26E-07
855	490186.72	3860735.12	6.13E-04	5.98E-04	5.90E-04	2.12E-07	6.41E-07	3.71E-07	3.62E-07	3.28E-07	1.50E-07	1.48E-07	7.09E-09	1.71E-07	3.78E-08	4.92E-08	7.80E-08	1.37E-08	7.76E-08	4.35E-07
856	490236.72	3860735.12	6.26E-04	6.11E-04	6.03E-04	2.17E-07	6.54E-07	3.79E-07	3.70E-07	3.35E-07	1.53E-07	1.51E-07	7.24E-09	1.75E-07	3.86E-08	5.02E-08	7.96E-08	1.40E-08	7.92E-08	4.44E-07
857	490286.72	3860735.12	6.39E-04	6.24E-04	6.16E-04	2.21E-07	6.68E-07	3.87E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.39E-09	1.79E-07	3.94E-08	5.13E-08	8.13E-08	1.43E-08	8.09E-08	4.53E-07
858	490336.72	3860735.12	6.53E-04	6.38E-04	6.29E-04	2.26E-07	6.83E-07	3.95E-07	3.86E-07	3.50E-07	1.60E-07	1.57E-07	7.55E-09	1.82E-07	4.03E-08	5.24E-08	8.31E-08	1.46E-08	8.26E-08	4.63E-07
859	490386.72	3860735.12	6.68E-04	6.52E-04	6.44E-04	2.31E-07	6.99E-07	4.04E-07	3.95E-07	3.58E-07	1.63E-07	1.61E-07	7.73E-09	1.87E-07	4.12E-08	5.36E-08	8.50E-08	1.50E-08	8.45E-08	4.74E-07
860	490436.72	3860735.12	6.85E-04	6.68E-04	6.59E-04	2.37E-07	7.15E-07	4.14E-07	4.04E-07	3.66E-07	1.67E-07	1.65E-07	7.91E-09	1.91E-07	4.22E-08	5.49E-08	8.71E-08	1.53E-08	8.66E-08	4.85E-07
861	490486.72	3860735.12	7.01E-04	6.84E-04	6.75E-04	2.43E-07	7.32E-07	4.24E-07	4.14E-07	3.75E-07	1.71E-07	1.69E-07	8.10E-09	1.96E-07	4.32E-08	5.62E-08	8.91E-08	1.57E-08	8.86E-08	4.97E-07
862	490536.72	3860735.12	7.17E-04	7.00E-04	6.90E-04	2.48E-07	7.49E-07	4.34E-07	4.23E-07	3.84E-07	1.75E-07	1.73E-07	8.29E-09	2.00E-07	4.42E-08	5.75E-08	9.12E-08	1.61E-08	9.07E-08	5.08E-07
863	490586.72	3860735.12	7.35E-04	7.17E-04	7.08E-04	2.54E-07	7.68E-07	4.45E-07	4.34E-07	3.93E-07	1.80E-07	1.77E-07	8.50E-09	2.05E-07	4.53E-08	5.89E-08	9.35E-08	1.65E-08	9.30E-08	5.21E-07
864	490636.72	3860735.12	7.55E-04	7.36E-04	7.27E-04	2.61E-07	7.89E-07	4.57E-07	4.46E-07	4.04E-07	1.84E-07	1.82E-07	8.72E-09	2.11E-07	4.65E-08	6.05E-08	9.60E-08	1.69E-08	9.54E-08	5.35E-07
865	490686.72	3860735.12	7.76E-04	7.57E-04	7.47E-04	2.69E-07	8.11E-07	4.70E-07	4.58E-07	4.15E-07	1.90E-07	1.87E-07	8.97E-09	2.17E-07	4.78E-08	6.22E-08	9.87E-08	1.74E-08	9.82E-08	5.50E-07
866	490736.72	3860735.12	7.99E-04	7.80E-04	7.69E-04	2.77E-07	8.35E-07	4.83E-07	4.72E-07	4.28E-07	1.95E-07	1.93E-07	9.24E-09	2.23E-07	4.92E-08	6.41E-08	1.02E-07	1.79E-08	1.01E-07	5.66E-07
867	490136.72	3860785.12	5.77E-04	5.63E-04	5.56E-04	2.00E-07	6.03E-07	3.49E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.67E-09	1.61E-07	3.56E-08	4.63E-08	7.34E-08	1.29E-08	7.30E-08	4.09E-07
868	490186.72	3860785.12	5.89E-04	5.74E-04	5.67E-04	2.04E-07	6.15E-07	3.56E-07	3.48E-07	3.15E-07	1.44E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.72E-08	7.49E-08	1.32E-08	7.45E-08	4.17E-07
869	490236.72	3860785.12	6.01E-04	5.86E-04	5.78E-04	2.08E-07	6.28E-07	3.63E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	4.82E-08	7.64E-08	1.35E-08	7.60E-08	4.26E-07
870	490286.72	3860785.12	6.13E-04	5.98E-04	5.90E-04	2.12E-07	6.41E-07	3.71E-07	3.62E-07	3.28E-07	1.50E-07	1.48E-07	7.09E-09	1.71E-07	3.78E-08	4.92E-08	7.80E-08	1.37E-08	7.76E-08	4.35E-07
871	490336.72	3860785.12	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.55E-07	3.79E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.97E-08	1.40E-08	7.93E-08	4.44E-07
872	490386.72	3860785.12	6.41E-04	6.25E-04	6.17E-04	2.22E-07	6.70E-07	3.88E-07	3.78E-07	3.43E-07	1.57E-07	1.54E-07	7.41E-09	1.79E-07	3.95E-08	5.14E-08	8.15E-08	1.44E-08	8.11E-08	4.54E-07
873	490436.72	3860785.12	6.56E-04	6.40E-04	6.32E-04	2.27E-07	6.86E-07	3.97E-07	3.87E-07	3.51E-07	1.60E-07	1.58E-07	7.58E-09	1.83E-07	4.04E-08	5.26E-08	8.34E-08	1.47E-08	8.30E-08	4.65E-07

874	490486.72	3860785.12	6.72E-04	6.56E-04	6.47E-04	2.33E-07	7.02E-07	4.07E-07	3.97E-07	3.60E-07	1.64E-07	1.62E-07	7.77E-09	1.88E-07	4.14E-08	5.39E-08	8.55E-08	1.51E-08	8.50E-08	4.76E-07
875	490536.72	3860785.12	6.88E-04	6.71E-04	6.62E-04	2.38E-07	7.19E-07	4.16E-07	4.06E-07	3.68E-07	1.68E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.51E-08	8.75E-08	1.54E-08	8.70E-08	4.87E-07
876	490586.72	3860785.12	7.04E-04	6.87E-04	6.78E-04	2.44E-07	7.36E-07	4.26E-07	4.16E-07	3.77E-07	1.72E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.65E-08	8.96E-08	1.58E-08	8.91E-08	4.99E-07
877	490636.72	3860785.12	7.23E-04	7.05E-04	6.96E-04	2.50E-07	7.55E-07	4.37E-07	4.27E-07	3.87E-07	1.77E-07	1.74E-07	8.35E-09	2.02E-07	4.45E-08	5.79E-08	9.19E-08	1.62E-08	9.14E-08	5.12E-07
878	490686.72	3860785.12	7.42E-04	7.24E-04	7.15E-04	2.57E-07	7.76E-07	4.49E-07	4.38E-07	3.97E-07	1.81E-07	1.79E-07	8.58E-09	2.07E-07	4.57E-08	5.95E-08	9.44E-08	1.66E-08	9.39E-08	5.26E-07
879	490736.72	3860785.12	7.64E-04	7.46E-04	7.36E-04	2.65E-07	7.99E-07	4.62E-07	4.51E-07	4.09E-07	1.87E-07	1.84E-07	8.83E-09	2.13E-07	4.71E-08	6.13E-08	9.72E-08	1.71E-08	9.66E-08	5.42E-07
880	490086.72	3860835.12	5.44E-04	5.31E-04	5.24E-04	1.88E-07	5.69E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.29E-09	1.52E-07	3.35E-08	4.36E-08	6.92E-08	1.22E-08	6.88E-08	3.86E-07
881	490136.72	3860835.12	5.55E-04	5.42E-04	5.34E-04	1.92E-07	5.80E-07	3.36E-07	3.28E-07	2.97E-07	1.36E-07	1.34E-07	6.42E-09	1.55E-07	3.42E-08	4.45E-08	7.06E-08	1.24E-08	7.02E-08	3.93E-07
882	490186.72	3860835.12	5.65E-04	5.52E-04	5.44E-04	1.96E-07	5.91E-07	3.42E-07	3.34E-07	3.03E-07	1.38E-07	1.36E-07	6.54E-09	1.58E-07	3.48E-08	4.53E-08	7.19E-08	1.27E-08	7.15E-08	4.01E-07
883	490236.72	3860835.12	5.77E-04	5.63E-04	5.56E-04	2.00E-07	6.03E-07	3.49E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.67E-09	1.61E-07	3.56E-08	4.63E-08	7.34E-08	1.29E-08	7.30E-08	4.09E-07
884	490286.72	3860835.12	5.89E-04	5.75E-04	5.67E-04	2.04E-07	6.16E-07	3.56E-07	3.48E-07	3.15E-07	1.44E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.72E-08	7.49E-08	1.32E-08	7.45E-08	4.17E-07
885	490336.72	3860835.12	6.01E-04	5.87E-04	5.79E-04	2.08E-07	6.28E-07	3.64E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.95E-09	1.68E-07	3.70E-08	4.82E-08	7.64E-08	1.35E-08	7.60E-08	4.26E-07
886	490386.72	3860835.12	6.14E-04	6.00E-04	5.92E-04	2.13E-07	6.42E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.10E-09	1.72E-07	3.79E-08	4.93E-08	7.81E-08	1.38E-08	7.77E-08	4.35E-07
887	490436.72	3860835.12	6.29E-04	6.13E-04	6.05E-04	2.18E-07	6.57E-07	3.80E-07	3.71E-07	3.36E-07	1.54E-07	1.51E-07	7.27E-09	1.76E-07	3.87E-08	5.04E-08	7.99E-08	1.41E-08	7.95E-08	4.45E-07
888	490486.72	3860835.12	6.43E-04	6.28E-04	6.19E-04	2.23E-07	6.72E-07	3.89E-07	3.80E-07	3.44E-07	1.57E-07	1.55E-07	7.43E-09	1.80E-07	3.96E-08	5.16E-08	8.18E-08	1.44E-08	8.13E-08	4.56E-07
889	490536.72	3860835.12	6.59E-04	6.43E-04	6.34E-04	2.28E-07	6.89E-07	3.99E-07	3.89E-07	3.53E-07	1.61E-07	1.59E-07	7.62E-09	1.84E-07	4.06E-08	5.28E-08	8.38E-08	1.48E-08	8.33E-08	4.67E-07
890	490586.72	3860835.12	6.75E-04	6.58E-04	6.50E-04	2.34E-07	7.05E-07	4.08E-07	3.98E-07	3.61E-07	1.65E-07	1.63E-07	7.80E-09	1.88E-07	4.16E-08	5.41E-08	8.58E-08	1.51E-08	8.53E-08	4.78E-07
891	490636.72	3860835.12	6.92E-04	6.75E-04	6.66E-04	2.39E-07	7.23E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.67E-07	7.99E-09	1.93E-07	4.26E-08	5.54E-08	8.80E-08	1.55E-08	8.75E-08	4.90E-07
892	490686.72	3860835.12	7.10E-04	6.93E-04	6.83E-04	2.46E-07	7.42E-07	4.30E-07	4.19E-07	3.80E-07	1.73E-07	1.71E-07	8.21E-09	1.98E-07	4.37E-08	5.69E-08	9.03E-08	1.59E-08	8.98E-08	5.03E-07
893	490736.72	3860835.12	7.31E-04	7.13E-04	7.03E-04	2.53E-07	7.64E-07	4.42E-07	4.31E-07	3.91E-07	1.78E-07	1.76E-07	8.45E-09	2.04E-07	4.50E-08	5.86E-08	9.29E-08	1.64E-08	9.24E-08	5.18E-07
894	490086.72	3860885.12	5.25E-04	5.13E-04	5.06E-04	1.82E-07	5.49E-07	3.18E-07	3.10E-07	2.81E-07	1.28E-07	1.27E-07	6.07E-09	1.47E-07	3.24E-08	4.21E-08	6.68E-08	1.18E-08	6.64E-08	3.72E-07
895	490136.72	3860885.12	5.35E-04	5.22E-04	5.15E-04	1.85E-07	5.59E-07	3.24E-07	3.16E-07	2.86E-07	1.31E-07	1.29E-07	6.19E-09	1.49E-07	3.30E-08	4.29E-08	6.81E-08	1.20E-08	6.77E-08	3.79E-07
896	490186.72	3860885.12	5.45E-04	5.32E-04	5.25E-04	1.89E-07	5.70E-07	3.30E-07	3.22E-07	2.92E-07	1.33E-07	1.31E-07	6.30E-09	1.52E-07	3.36E-08	4.37E-08	6.93E-08	1.22E-08	6.89E-08	3.86E-07
897	490236.72	3860885.12	5.56E-04	5.42E-04	5.35E-04	1.92E-07	5.81E-07	3.36E-07	3.28E-07	2.97E-07	1.36E-07	1.34E-07	6.42E-09	1.55E-07	3.42E-08	4.45E-08	7.06E-08	1.25E-08	7.03E-08	3.94E-07
898	490286.72	3860885.12	5.66E-04	5.53E-04	5.45E-04	1.96E-07	5.92E-07	3.43E-07	3.34E-07	3.03E-07	1.38E-07	1.36E-07	6.55E-09	1.58E-07	3.49E-08	4.54E-08	7.20E-08	1.27E-08	7.16E-08	4.01E-07
899	490336.72	3860885.12	5.78E-04	5.64E-04	5.56E-04	2.00E-07	6.04E-07	3.49E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.68E-09	1.61E-07	3.56E-08	4.63E-08	7.34E-08	1.29E-08	7.30E-08	4.09E-07
900	490386.72	3860885.12	5.90E-04	5.76E-04	5.68E-04	2.04E-07	6.17E-07	3.57E-07	3.48E-07	3.16E-07	1.44E-07	1.42E-07	6.82E-09	1.65E-07	3.63E-08	4.73E-08	7.50E-08	1.32E-08	7.46E-08	4.18E-07
901	490436.72	3860885.12	6.03E-04	5.88E-04	5.80E-04	2.09E-07	6.30E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.97E-09	1.68E-07	3.71E-08	4.83E-08	7.67E-08	1.35E-08	7.62E-08	4.27E-07
902	490486.72	3860885.12	6.17E-04	6.02E-04	5.94E-04	2.13E-07	6.44E-07	3.73E-07	3.64E-07	3.30E-07	1.51E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	4.94E-08	7.84E-08	1.38E-08	7.80E-08	4.37E-07
903	490536.72	3860885.12	6.31E-04	6.16E-04	6.08E-04	2.18E-07	6.60E-07	3.82E-07	3.73E-07	3.38E-07	1.54E-07	1.52E-07	7.29E-09	1.76E-07	3.89E-08	5.06E-08	8.02E-08	1.41E-08	7.98E-08	4.47E-07
904	490586.72	3860885.12	6.46E-04	6.30E-04	6.22E-04	2.24E-07	6.75E-07	3.91E-07	3.81E-07	3.46E-07	1.58E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.18E-08	8.21E-08	1.45E-08	8.17E-08	4.58E-07
905	490636.72	3860885.12	6.61E-04	6.45E-04	6.37E-04	2.29E-07	6.91E-07	4.00E-07	3.90E-07	3.54E-07	1.62E-07	1.59E-07	7.64E-09	1.85E-07	4.07E-08	5.30E-08	8.41E-08	1.48E-08	8.36E-08	4.69E-07
906	490686.72	3860885.12	6.78E-04	6.62E-04	6.53E-04	2.35E-07	7.09E-07	4.10E-07	4.01E-07	3.63E-07	1.66E-07	1.63E-07	7.84E-09	1.89E-07	4.18E-08	5.44E-08	8.63E-08	1.52E-08	8.58E-08	4.81E-07
907	490736.72	3860885.12	6.97E-04	6.80E-04	6.71E-04	2.41E-07	7.29E-07	4.22E-07	4.12E-07	3.73E-07	1.70E-07	1.68E-07	8.06E-09	1.95E-07	4.29E-08	5.59E-08	8.86E-08	1.56E-08	8.81E-08	4.94E-07
908	490086.72	3860935.12	5.07E-04	4.95E-04	4.89E-04	1.76E-07	5.30E-07	3.07E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.45E-08	1.14E-08	6.42E-08	3.60E-07
909	490136.72	3860935.12	5.17E-04	5.04E-04	4.97E-04	1.79E-07	5.40E-07	3.13E-07	3.05E-07	2.76E-07	1.26E-07	1.24E-07	5.97E-09	1.44E-07	3.18E-08	4.14E-08	6.57E-08	1.16E-08	6.53E-08	3.66E-07
910	490186.72	3860935.12	5.26E-04	5.13E-04	5.06E-04	1.82E-07	5.49E-07	3.18E-07	3.10E-07	2.81E-07	1.28E-07	1.27E-07	6.08E-09	1.47E-07	3.24E-08	4.21E-08	6.68E-08	1.18E-08	6.65E-08	3.72E-07
911	490236.72	3860935.12	5.36E-04	5.23E-04	5.16E-04	1.85E-07	5.60E-07	3.24E-07	3.16E-07	2.87E-07	1.31E-07	1.29E-07	6.19E-09	1.50E-07	3.30E-08	4.29E-08	6.81E-08	1.20E-08	6.77E-08	3.80E-07
912	490286.72	3860935.12	5.46E-04	5.33E-04	5.26E-04	1.89E-07	5.71E-07	3.30E-07	3.22E-07	2.92E-07	1.33E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.38E-08	6.94E-08	1.22E-08	6.90E-08	3.87E-07
913	490336.72	3860935.12	5.56E-04	5.43E-04	5.36E-04	1.93E-07	5.82E-07	3.37E-07	3.28E-07	2.98E-07	1.36E-07	1.34E-07	6.43E-09	1.55E-07	3.43E-08	4.46E-08	7.08E-08	1.25E-08	7.04E-08	3.94E-07
914	490386.72	3860935.12	5.68E-04	5.54E-04	5.46E-04	1.96E-07	5.93E-07	3.43E-07	3.35E-07	3.04E-07	1.39E-07	1.37E-07	6.56E-09	1.58E-07	3.50E-08	4.55E-08	7.22E-08	1.27E-08	7.18E-08	4.02E-07
915	490436.72	3860935.12	5.80E-04	5.66E-04	5.58E-04	2.01E-07	6.06E-07	3.51E-07	3.42E-07	3.10E-07	1.42E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.65E-08	7.38E-08	1.30E-08	7.34E-08	4.11E-07
916	490486.72	3860935.12	5.92E-04	5.78E-04	5.70E-04	2.05E-07	6.19E-07	3.58E-07	3.50E-07	3.17E-07	1.45E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.75E-08	7.53E-08	1.33E-08	7.49E-08	4.20E-07
917	490536.72	3860935.12	6.05E-04	5.91E-04	5.83E-04	2.10E-07	6.33E-07	3.66E-07	3.57E-07	3.24E-07	1.48E-07	1.46E-07	7.00E-09	1.69E-07	3.73E-08	4.85E-08	7.70E-08	1.36E-08	7.66E-08	4.29E-07
918	490586.72	3860935.12	6.19E-04	6.04E-04	5.96E-04	2.14E-07	6.47E-07	3.74E-07	3.65E-07	3.31E-07	1.51E-07	1.49E-07	7.15E-09	1.73E-07	3.81E-08	4.96E-08	7.87E-08	1.39E-08	7.82E-08	4.38E-07
919	490636.72	3860935.12	6.34E-04	6.18E-04	6.10E-04	2.19E-07	6.62E-07	3.83E-07	3.74E-07	3.39E-07	1.55E-07	1.53E-07	7.32E-09	1.77E-07	3.90E-08	5.08E-08	8.06E-08	1.42E-08	8.01E-08	4.49E-07
920	490686.72	3860935.12	6.49E-04	6.34E-04	6.25E-04	2.25E-07	6.79E-07	3.93E-07	3.83E-07	3.48E-07	1.59E-07	1.56E-07	7.51E-09	1.81E-07	4.00E-08	5.20E-08	8.26E-08	1.46E-08	8.21E-08	4.60E-07
921	490736.72	3860935.12	6.66E-04	6.50E-04	6.41E-04	2.31E-07	6.96E-07	4.03E-07	3.93E-07	3.56E-07	1.63E-07	1.60E-07	7.70E-09	1.86E-07	4.10E-08	5.34E-08	8.47E-08	1.49E-08	8.42E-08	4.72E-07
922	490786.72	3860935.12	6.84E-04	6.67E-04	6.58E-04	2.37E-07	7.15E-07	4.14E-07	4.04E-07	3.66E-07	1.67E-07	1.65E-07	7.90E-09	1.91E-07	4.21E-08	5.48E-08	8.69E-08	1.53E-08	8.65E-08	4.84E-07
923	490836.72	3860935.12	7.04E-04	6.87E-04	6.77E-04	2.44E-07	7.35E-07	4.26E-07	4.15E-07	3.77E-07	1.72E-07	1.70E-07	8.13E-09	1.96E-07	4.34E-08	5.64E-08	8.95E-08	1.58E-08	8.90E-08	4.99E-07
924	490086.72	3860985.12	4.92E-04	4.80E-04	4.74E-04	1.70E-07	5.14E-07	2.98E-07	2.91E-07	2.63E-07	1.20E-07	1.19E-07	5.69E-09	1.37E-07	3.03E-08	3.94E-08	6.26E-08	1.10E-08	6.22E-08	3.49E-07
925	490136.72	3860985.12	5.00E-04	4.88E-04	4.81E-04	1.73E-07	5.23E-07	3.02E-07	2.95E-07	2.68E-07	1.22E-07	1.20E-07	5.78E-09	1.40E-07	3.08E-08	4.01E-08	6.36E-08	1.12E-08	6.32E-08	3.54E-07
926	490186.72	3860985.12	5.09E-04	4.97E-04	4.90E-04	1.76E-07	5.32E-07	3.08E-07	3.01E-07	2.72E-07	1.24E-07	1.23E-07	5.88E-09	1.42E-07	3.14E-08	4.08E-08	6.47E-08	1.14E-08	6.44E-08	3.61E-07
927	490236.72	3860985.12	5.17E-04	5.05E-04	4.98E-04	1.79E-07	5.41E-07	3.13E-07	3.05E-07	2.77E-07	1.26E-07	1.25E-07	5.98E-09	1.44E-07	3.19E-08	4.15E-08	6.58E-08	1.16E-08	6.54E-08	3.67E-07
928	490286.72	3860985.12	5.27E-04	5.14E-04	5.07E-04	1.82E-07	5.51E-07	3.19E-07	3.11E-07	2.82E-07	1.29E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.22E-08	6.70E-08	1.18E-08	6.66E-08	3.73E-07

929	490336.72	3860985.12	5.37E-04	5.24E-04	5.17E-04	1.86E-07	5.61E-07	3.25E-07	3.17E-07	2.87E-07	1.31E-07	1.29E-07	6.21E-09	1.50E-07	3.31E-08	4.30E-08	6.83E-08	1.20E-08	6.79E-08	3.80E-07
930	490386.72	3860985.12	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.39E-08	6.96E-08	1.23E-08	6.92E-08	3.88E-07
931	490436.72	3860985.12	5.59E-04	5.45E-04	5.38E-04	1.93E-07	5.84E-07	3.38E-07	3.30E-07	2.99E-07	1.36E-07	1.35E-07	6.46E-09	1.56E-07	3.44E-08	4.48E-08	7.11E-08	1.25E-08	7.07E-08	3.96E-07
932	490486.72	3860985.12	5.70E-04	5.56E-04	5.49E-04	1.97E-07	5.96E-07	3.45E-07	3.37E-07	3.05E-07	1.39E-07	1.37E-07	6.59E-09	1.59E-07	3.51E-08	4.57E-08	7.25E-08	1.28E-08	7.21E-08	4.04E-07
933	490536.72	3860985.12	5.82E-04	5.68E-04	5.60E-04	2.01E-07	6.08E-07	3.52E-07	3.43E-07	3.11E-07	1.42E-07	1.40E-07	6.72E-09	1.62E-07	3.58E-08	4.66E-08	7.40E-08	1.30E-08	7.36E-08	4.12E-07
934	490586.72	3860985.12	5.95E-04	5.80E-04	5.72E-04	2.06E-07	6.21E-07	3.60E-07	3.51E-07	3.18E-07	1.45E-07	1.43E-07	6.87E-09	1.66E-07	3.66E-08	4.77E-08	7.56E-08	1.33E-08	7.52E-08	4.21E-07
935	490636.72	3860985.12	6.08E-04	5.93E-04	5.85E-04	2.10E-07	6.35E-07	3.68E-07	3.59E-07	3.25E-07	1.48E-07	1.46E-07	7.03E-09	1.70E-07	3.74E-08	4.87E-08	7.73E-08	1.36E-08	7.69E-08	4.31E-07
936	490686.72	3860985.12	6.22E-04	6.07E-04	5.99E-04	2.15E-07	6.50E-07	3.76E-07	3.67E-07	3.33E-07	1.52E-07	1.50E-07	7.19E-09	1.74E-07	3.83E-08	4.99E-08	7.91E-08	1.39E-08	7.87E-08	4.41E-07
937	490736.72	3860985.12	6.37E-04	6.21E-04	6.13E-04	2.20E-07	6.66E-07	3.85E-07	3.76E-07	3.41E-07	1.56E-07	1.53E-07	7.36E-09	1.78E-07	3.92E-08	5.11E-08	8.10E-08	1.43E-08	8.05E-08	4.51E-07
938	490786.72	3860985.12	6.53E-04	6.38E-04	6.29E-04	2.26E-07	6.83E-07	3.95E-07	3.86E-07	3.50E-07	1.60E-07	1.57E-07	7.55E-09	1.82E-07	4.03E-08	5.24E-08	8.31E-08	1.46E-08	8.26E-08	4.63E-07
939	490836.72	3860985.12	6.71E-04	6.55E-04	6.46E-04	2.32E-07	7.02E-07	4.06E-07	3.96E-07	3.59E-07	1.64E-07	1.62E-07	7.76E-09	1.87E-07	4.14E-08	5.38E-08	8.54E-08	1.50E-08	8.49E-08	4.76E-07
940	490086.72	3861035.12	4.77E-04	4.65E-04	4.59E-04	1.65E-07	4.98E-07	2.88E-07	2.81E-07	2.55E-07	1.16E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	3.82E-08	6.06E-08	1.07E-08	6.03E-08	3.38E-07
941	490136.72	3861035.12	4.85E-04	4.73E-04	4.67E-04	1.68E-07	5.07E-07	2.93E-07	2.86E-07	2.60E-07	1.18E-07	1.17E-07	5.61E-09	1.35E-07	2.99E-08	3.89E-08	6.17E-08	1.09E-08	6.13E-08	3.44E-07
942	490186.72	3861035.12	4.93E-04	4.81E-04	4.75E-04	1.71E-07	5.15E-07	2.98E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	3.95E-08	6.27E-08	1.10E-08	6.23E-08	3.49E-07
943	490236.72	3861035.12	5.02E-04	4.89E-04	4.83E-04	1.74E-07	5.24E-07	3.03E-07	2.96E-07	2.68E-07	1.22E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.02E-08	6.38E-08	1.12E-08	6.34E-08	3.55E-07
944	490286.72	3861035.12	5.10E-04	4.98E-04	4.91E-04	1.77E-07	5.33E-07	3.09E-07	3.01E-07	2.73E-07	1.25E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.09E-08	6.48E-08	1.14E-08	6.45E-08	3.61E-07
945	490336.72	3861035.12	5.19E-04	5.06E-04	5.00E-04	1.80E-07	5.42E-07	3.14E-07	3.06E-07	2.78E-07	1.27E-07	1.25E-07	6.00E-09	1.45E-07	3.20E-08	4.16E-08	6.60E-08	1.16E-08	6.56E-08	3.68E-07
946	490386.72	3861035.12	5.29E-04	5.17E-04	5.10E-04	1.83E-07	5.53E-07	3.20E-07	3.13E-07	2.83E-07	1.29E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.24E-08	6.73E-08	1.19E-08	6.70E-08	3.75E-07
947	490436.72	3861035.12	5.39E-04	5.26E-04	5.19E-04	1.87E-07	5.64E-07	3.26E-07	3.18E-07	2.89E-07	1.32E-07	1.30E-07	6.23E-09	1.51E-07	3.32E-08	4.32E-08	6.86E-08	1.21E-08	6.82E-08	3.82E-07
948	490486.72	3861035.12	5.50E-04	5.36E-04	5.29E-04	1.90E-07	5.75E-07	3.33E-07	3.25E-07	2.94E-07	1.34E-07	1.32E-07	6.35E-09	1.53E-07	3.39E-08	4.41E-08	6.99E-08	1.23E-08	6.95E-08	3.90E-07
949	490536.72	3861035.12	5.61E-04	5.47E-04	5.40E-04	1.94E-07	5.86E-07	3.39E-07	3.31E-07	3.00E-07	1.37E-07	1.35E-07	6.48E-09	1.57E-07	3.46E-08	4.50E-08	7.13E-08	1.26E-08	7.09E-08	3.97E-07
950	490586.72	3861035.12	5.73E-04	5.59E-04	5.51E-04	1.98E-07	5.98E-07	3.46E-07	3.38E-07	3.06E-07	1.40E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.59E-08	7.28E-08	1.28E-08	7.24E-08	4.06E-07
951	490636.72	3861035.12	5.85E-04	5.70E-04	5.63E-04	2.02E-07	6.11E-07	3.54E-07	3.45E-07	3.13E-07	1.43E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.69E-08	7.43E-08	1.31E-08	7.39E-08	4.14E-07
952	490686.72	3861035.12	5.97E-04	5.83E-04	5.75E-04	2.07E-07	6.24E-07	3.61E-07	3.53E-07	3.20E-07	1.46E-07	1.44E-07	6.91E-09	1.67E-07	3.68E-08	4.79E-08	7.60E-08	1.34E-08	7.56E-08	4.23E-07
953	490736.72	3861035.12	6.11E-04	5.96E-04	5.88E-04	2.12E-07	6.39E-07	3.70E-07	3.61E-07	3.27E-07	1.49E-07	1.47E-07	7.06E-09	1.71E-07	3.77E-08	4.90E-08	7.77E-08	1.37E-08	7.73E-08	4.33E-07
954	490786.72	3861035.12	6.26E-04	6.11E-04	6.02E-04	2.17E-07	6.54E-07	3.79E-07	3.69E-07	3.35E-07	1.53E-07	1.51E-07	7.23E-09	1.75E-07	3.85E-08	5.02E-08	7.96E-08	1.40E-08	7.91E-08	4.43E-07
955	490836.72	3861035.12	6.41E-04	6.26E-04	6.18E-04	2.22E-07	6.70E-07	3.88E-07	3.79E-07	3.43E-07	1.57E-07	1.55E-07	7.41E-09	1.79E-07	3.95E-08	5.14E-08	8.16E-08	1.44E-08	8.11E-08	4.55E-07
956	490086.72	3861085.12	4.63E-04	4.52E-04	4.46E-04	1.60E-07	4.84E-07	2.80E-07	2.74E-07	2.48E-07	1.13E-07	1.12E-07	5.36E-09	1.29E-07	2.86E-08	3.71E-08	5.89E-08	1.04E-08	5.86E-08	3.28E-07
957	490136.72	3861085.12	4.71E-04	4.59E-04	4.53E-04	1.63E-07	4.92E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.13E-07	5.44E-09	1.31E-07	2.90E-08	3.77E-08	5.99E-08	1.06E-08	5.96E-08	3.34E-07
958	490186.72	3861085.12	4.79E-04	4.68E-04	4.61E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.06E-08	3.40E-07
959	490236.72	3861085.12	4.87E-04	4.75E-04	4.69E-04	1.68E-07	5.09E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.63E-09	1.36E-07	3.00E-08	3.90E-08	6.19E-08	1.09E-08	6.15E-08	3.45E-07
960	490286.72	3861085.12	4.95E-04	4.83E-04	4.76E-04	1.71E-07	5.17E-07	2.99E-07	2.92E-07	2.65E-07	1.21E-07	1.19E-07	5.72E-09	1.38E-07	3.05E-08	3.96E-08	6.29E-08	1.11E-08	6.25E-08	3.50E-07
961	490336.72	3861085.12	5.03E-04	4.91E-04	4.84E-04	1.74E-07	5.26E-07	3.04E-07	2.97E-07	2.69E-07	1.23E-07	1.21E-07	5.81E-09	1.40E-07	3.10E-08	4.03E-08	6.39E-08	1.13E-08	6.36E-08	3.56E-07
962	490386.72	3861085.12	5.12E-04	5.00E-04	4.93E-04	1.77E-07	5.36E-07	3.10E-07	3.03E-07	2.74E-07	1.25E-07	1.23E-07	5.92E-09	1.43E-07	3.16E-08	4.11E-08	6.52E-08	1.15E-08	6.48E-08	3.63E-07
963	490436.72	3861085.12	5.22E-04	5.09E-04	5.02E-04	1.81E-07	5.45E-07	3.16E-07	3.08E-07	2.79E-07	1.27E-07	1.26E-07	6.03E-09	1.46E-07	3.21E-08	4.18E-08	6.63E-08	1.17E-08	6.60E-08	3.70E-07
964	490486.72	3861085.12	5.31E-04	5.19E-04	5.12E-04	1.84E-07	5.55E-07	3.22E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.76E-08	1.19E-08	6.72E-08	3.77E-07
965	490536.72	3861085.12	5.42E-04	5.29E-04	5.22E-04	1.88E-07	5.66E-07	3.28E-07	3.20E-07	2.90E-07	1.32E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.34E-08	6.89E-08	1.21E-08	6.85E-08	3.84E-07
966	490586.72	3861085.12	5.52E-04	5.39E-04	5.32E-04	1.91E-07	5.77E-07	3.34E-07	3.26E-07	2.96E-07	1.35E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.43E-08	7.02E-08	1.24E-08	6.98E-08	3.91E-07
967	490636.72	3861085.12	5.63E-04	5.50E-04	5.42E-04	1.95E-07	5.89E-07	3.41E-07	3.33E-07	3.02E-07	1.38E-07	1.36E-07	6.51E-09	1.57E-07	3.47E-08	4.52E-08	7.16E-08	1.26E-08	7.13E-08	3.99E-07
968	490686.72	3861085.12	5.75E-04	5.61E-04	5.54E-04	1.99E-07	6.01E-07	3.48E-07	3.40E-07	3.08E-07	1.40E-07	1.39E-07	6.65E-09	1.61E-07	3.54E-08	4.61E-08	7.31E-08	1.29E-08	7.27E-08	4.07E-07
969	490736.72	3861085.12	5.87E-04	5.73E-04	5.66E-04	2.03E-07	6.14E-07	3.55E-07	3.47E-07	3.14E-07	1.43E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.71E-08	7.47E-08	1.32E-08	7.43E-08	4.16E-07
970	490786.72	3861085.12	6.01E-04	5.86E-04	5.78E-04	2.08E-07	6.28E-07	3.63E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	4.82E-08	7.64E-08	1.35E-08	7.60E-08	4.26E-07
971	490836.72	3861085.12	6.15E-04	6.00E-04	5.92E-04	2.13E-07	6.43E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.11E-09	1.72E-07	3.79E-08	4.93E-08	7.82E-08	1.38E-08	7.78E-08	4.36E-07
972	490086.72	3861135.12	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.61E-08	5.73E-08	1.01E-08	5.70E-08	3.19E-07
973	490136.72	3861135.12	4.58E-04	4.47E-04	4.41E-04	1.58E-07	4.78E-07	2.77E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.67E-08	5.82E-08	1.03E-08	5.79E-08	3.24E-07
974	490186.72	3861135.12	4.65E-04	4.54E-04	4.48E-04	1.61E-07	4.86E-07	2.81E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.38E-09	1.30E-07	2.87E-08	3.73E-08	5.91E-08	1.04E-08	5.88E-08	3.30E-07
975	490236.72	3861135.12	4.73E-04	4.61E-04	4.55E-04	1.64E-07	4.94E-07	2.86E-07	2.79E-07	2.53E-07	1.15E-07	1.14E-07	5.46E-09	1.32E-07	2.91E-08	3.79E-08	6.01E-08	1.06E-08	5.98E-08	3.35E-07
976	490286.72	3861135.12	4.80E-04	4.68E-04	4.62E-04	1.66E-07	5.02E-07	2.90E-07	2.83E-07	2.57E-07	1.17E-07	1.16E-07	5.55E-09	1.34E-07	2.96E-08	3.85E-08	6.10E-08	1.08E-08	6.07E-08	3.40E-07
977	490336.72	3861135.12	4.88E-04	4.77E-04	4.70E-04	1.69E-07	5.10E-07	2.95E-07	2.88E-07	2.61E-07	1.19E-07	1.18E-07	5.64E-09	1.36E-07	3.01E-08	3.91E-08	6.21E-08	1.09E-08	6.18E-08	3.46E-07
978	490386.72	3861135.12	4.97E-04	4.85E-04	4.78E-04	1.72E-07	5.19E-07	3.00E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.74E-09	1.39E-07	3.06E-08	3.98E-08	6.32E-08	1.11E-08	6.28E-08	3.52E-07
979	490436.72	3861135.12	5.05E-04	4.93E-04	4.87E-04	1.75E-07	5.28E-07	3.06E-07	2.98E-07	2.70E-07	1.23E-07	1.22E-07	5.84E-09	1.41E-07	3.11E-08	4.05E-08	6.43E-08	1.13E-08	6.39E-08	3.58E-07
980	490486.72	3861135.12	5.14E-04	5.02E-04	4.95E-04	1.78E-07	5.38E-07	3.11E-07	3.04E-07	2.75E-07	1.26E-07	1.24E-07	5.95E-09	1.44E-07	3.17E-08	4.12E-08	6.54E-08	1.15E-08	6.51E-08	3.65E-07
981	490536.72	3861135.12	5.24E-04	5.11E-04	5.05E-04	1.81E-07	5.48E-07	3.17E-07	3.09E-07	2.80E-07	1.28E-07	1.26E-07	6.06E-09	1.46E-07	3.23E-08	4.20E-08	6.66E-08	1.17E-08	6.63E-08	3.71E-07
982	490586.72	3861135.12	5.34E-04	5.21E-04	5.14E-04	1.85E-07	5.58E-07	3.23E-07	3.15E-07	2.86E-07	1.30E-07	1.29E-07	6.17E-09	1.49E-07	3.29E-08	4.28E-08	6.79E-08	1.20E-08	6.75E-08	3.78E-07
983	490636.72	3861135.12	5.44E-04	5.31E-04	5.24E-04	1.88E-07	5.68E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.29E-09	1.52E-07	3.35E-08	4.36E-08	6.92E-08	1.22E-08	6.88E-08	3.85E-07

984	490686.72	3861135.12	5.55E-04	5.41E-04	5.34E-04	1.92E-07	5.80E-07	3.36E-07	3.28E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.45E-08	7.05E-08	1.24E-08	7.02E-08	3.93E-07
985	490736.72	3861135.12	5.66E-04	5.53E-04	5.45E-04	1.96E-07	5.92E-07	3.43E-07	3.34E-07	3.03E-07	1.38E-07	1.36E-07	6.55E-09	1.58E-07	3.49E-08	4.54E-08	7.20E-08	1.27E-08	7.16E-08	4.01E-07
986	490786.72	3861135.12	5.78E-04	5.64E-04	5.57E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.10E-07	1.41E-07	1.39E-07	6.69E-09	1.61E-07	3.56E-08	4.64E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
987	490836.72	3861135.12	5.92E-04	5.77E-04	5.70E-04	2.05E-07	6.18E-07	3.58E-07	3.49E-07	3.17E-07	1.44E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.74E-08	7.52E-08	1.33E-08	7.48E-08	4.19E-07
988	490086.72	3861185.12	4.39E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.52E-08	5.58E-08	9.83E-09	5.55E-08	3.11E-07
989	490136.72	3861185.12	4.44E-04	4.34E-04	4.28E-04	1.54E-07	4.64E-07	2.69E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.15E-07
990	490186.72	3861185.12	4.51E-04	4.40E-04	4.35E-04	1.56E-07	4.72E-07	2.73E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.71E-08	3.20E-07
991	490236.72	3861185.12	4.59E-04	4.48E-04	4.42E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.30E-09	1.28E-07	2.83E-08	3.68E-08	5.84E-08	1.03E-08	5.80E-08	3.25E-07
992	490286.72	3861185.12	4.66E-04	4.55E-04	4.49E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.50E-07	1.14E-07	1.12E-07	5.39E-09	1.30E-07	2.87E-08	3.74E-08	5.93E-08	1.05E-08	5.90E-08	3.30E-07
993	490336.72	3861185.12	4.73E-04	4.62E-04	4.56E-04	1.64E-07	4.95E-07	2.86E-07	2.79E-07	2.53E-07	1.16E-07	1.14E-07	5.47E-09	1.32E-07	2.92E-08	3.79E-08	6.02E-08	1.06E-08	5.99E-08	3.35E-07
994	490386.72	3861185.12	4.82E-04	4.70E-04	4.64E-04	1.67E-07	5.03E-07	2.91E-07	2.84E-07	2.58E-07	1.18E-07	1.16E-07	5.57E-09	1.34E-07	2.97E-08	3.86E-08	6.13E-08	1.08E-08	6.09E-08	3.41E-07
995	490436.72	3861185.12	4.90E-04	4.78E-04	4.72E-04	1.70E-07	5.12E-07	2.96E-07	2.89E-07	2.62E-07	1.20E-07	1.18E-07	5.66E-09	1.37E-07	3.02E-08	3.93E-08	6.23E-08	1.10E-08	6.20E-08	3.47E-07
996	490486.72	3861185.12	4.98E-04	4.86E-04	4.80E-04	1.72E-07	5.21E-07	3.01E-07	2.94E-07	2.67E-07	1.22E-07	1.20E-07	5.76E-09	1.39E-07	3.07E-08	3.99E-08	6.34E-08	1.12E-08	6.30E-08	3.53E-07
997	490536.72	3861185.12	5.07E-04	4.95E-04	4.89E-04	1.76E-07	5.30E-07	3.07E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.45E-08	1.14E-08	6.42E-08	3.60E-07
998	490586.72	3861185.12	5.17E-04	5.04E-04	4.98E-04	1.79E-07	5.40E-07	3.13E-07	3.05E-07	2.77E-07	1.26E-07	1.25E-07	5.98E-09	1.44E-07	3.19E-08	4.14E-08	6.57E-08	1.16E-08	6.54E-08	3.66E-07
999	490636.72	3861185.12	5.26E-04	5.13E-04	5.07E-04	1.82E-07	5.50E-07	3.18E-07	3.11E-07	2.82E-07	1.28E-07	1.27E-07	6.08E-09	1.47E-07	3.24E-08	4.22E-08	6.69E-08	1.18E-08	6.65E-08	3.73E-07
1000	490686.72	3861185.12	5.36E-04	5.23E-04	5.16E-04	1.86E-07	5.60E-07	3.24E-07	3.16E-07	2.87E-07	1.31E-07	1.29E-07	6.20E-09	1.50E-07	3.30E-08	4.30E-08	6.82E-08	1.20E-08	6.78E-08	3.80E-07
1001	490736.72	3861185.12	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.32E-09	1.53E-07	3.37E-08	4.38E-08	6.95E-08	1.23E-08	6.92E-08	3.87E-07
1002	490786.72	3861185.12	5.58E-04	5.45E-04	5.37E-04	1.93E-07	5.83E-07	3.38E-07	3.29E-07	2.99E-07	1.36E-07	1.34E-07	6.45E-09	1.56E-07	3.44E-08	4.47E-08	7.10E-08	1.25E-08	7.06E-08	3.95E-07
1003	490836.72	3861185.12	5.70E-04	5.56E-04	5.49E-04	1.97E-07	5.96E-07	3.45E-07	3.37E-07	3.05E-07	1.39E-07	1.37E-07	6.59E-09	1.59E-07	3.51E-08	4.57E-08	7.25E-08	1.28E-08	7.21E-08	4.04E-07
1004	490086.72	3861235.12	4.26E-04	4.16E-04	4.11E-04	1.48E-07	4.46E-07	2.58E-07	2.52E-07	2.28E-07	1.04E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.42E-08	5.42E-08	9.56E-09	5.39E-08	3.02E-07
1005	490136.72	3861235.12	4.33E-04	4.22E-04	4.17E-04	1.50E-07	4.52E-07	2.62E-07	2.55E-07	2.32E-07	1.06E-07	1.04E-07	5.00E-09	1.21E-07	2.67E-08	3.47E-08	5.50E-08	9.70E-09	5.47E-08	3.07E-07
1006	490186.72	3861235.12	4.39E-04	4.29E-04	4.23E-04	1.52E-07	4.59E-07	2.66E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.52E-08	5.59E-08	9.85E-09	5.56E-08	3.11E-07
1007	490236.72	3861235.12	4.46E-04	4.35E-04	4.29E-04	1.54E-07	4.66E-07	2.70E-07	2.63E-07	2.39E-07	1.09E-07	1.07E-07	5.16E-09	1.25E-07	2.75E-08	3.58E-08	5.67E-08	1.00E-08	5.64E-08	3.16E-07
1008	490386.72	3861235.12	4.67E-04	4.56E-04	4.50E-04	1.62E-07	4.88E-07	2.83E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.40E-09	1.30E-07	2.88E-08	3.74E-08	5.94E-08	1.05E-08	5.91E-08	3.31E-07
1009	490436.72	3861235.12	4.75E-04	4.64E-04	4.57E-04	1.64E-07	4.97E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.49E-09	1.33E-07	2.93E-08	3.81E-08	6.04E-08	1.06E-08	6.01E-08	3.37E-07
1010	490486.72	3861235.12	4.83E-04	4.71E-04	4.65E-04	1.67E-07	5.05E-07	2.92E-07	2.85E-07	2.58E-07	1.18E-07	1.16E-07	5.58E-09	1.35E-07	2.98E-08	3.87E-08	6.14E-08	1.08E-08	6.11E-08	3.42E-07
1011	490536.72	3861235.12	4.92E-04	4.80E-04	4.74E-04	1.70E-07	5.14E-07	2.98E-07	2.91E-07	2.63E-07	1.20E-07	1.19E-07	5.69E-09	1.37E-07	3.03E-08	3.94E-08	6.26E-08	1.10E-08	6.22E-08	3.49E-07
1012	490586.72	3861235.12	5.01E-04	4.89E-04	4.82E-04	1.73E-07	5.23E-07	3.03E-07	2.96E-07	2.68E-07	1.22E-07	1.21E-07	5.79E-09	1.40E-07	3.09E-08	4.01E-08	6.37E-08	1.12E-08	6.33E-08	3.55E-07
1013	490636.72	3861235.12	5.09E-04	4.97E-04	4.90E-04	1.76E-07	5.32E-07	3.08E-07	3.01E-07	2.72E-07	1.24E-07	1.23E-07	5.88E-09	1.42E-07	3.14E-08	4.08E-08	6.47E-08	1.14E-08	6.44E-08	3.61E-07
1014	490686.72	3861235.12	5.19E-04	5.06E-04	4.99E-04	1.80E-07	5.42E-07	3.14E-07	3.06E-07	2.78E-07	1.27E-07	1.25E-07	5.99E-09	1.45E-07	3.20E-08	4.16E-08	6.60E-08	1.16E-08	6.56E-08	3.67E-07
1015	490736.72	3861235.12	5.29E-04	5.16E-04	5.09E-04	1.83E-07	5.52E-07	3.20E-07	3.12E-07	2.83E-07	1.29E-07	1.27E-07	6.11E-09	1.48E-07	3.26E-08	4.24E-08	6.72E-08	1.18E-08	6.68E-08	3.75E-07
1016	490786.72	3861235.12	5.39E-04	5.26E-04	5.19E-04	1.87E-07	5.64E-07	3.26E-07	3.18E-07	2.89E-07	1.32E-07	1.30E-07	6.23E-09	1.51E-07	3.32E-08	4.32E-08	6.86E-08	1.21E-08	6.82E-08	3.82E-07
1017	490836.72	3861235.12	5.51E-04	5.37E-04	5.30E-04	1.91E-07	5.75E-07	3.33E-07	3.25E-07	2.95E-07	1.34E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.41E-08	7.00E-08	1.23E-08	6.96E-08	3.90E-07
1018	490086.72	3861285.12	4.16E-04	4.06E-04	4.00E-04	1.44E-07	4.35E-07	2.52E-07	2.45E-07	2.22E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.33E-08	5.29E-08	9.32E-09	5.26E-08	2.95E-07
1019	490136.72	3861285.12	4.22E-04	4.12E-04	4.06E-04	1.46E-07	4.41E-07	2.55E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.38E-08	5.37E-08	9.46E-09	5.34E-08	2.99E-07
1020	490186.72	3861285.12	4.27E-04	4.17E-04	4.11E-04	1.48E-07	4.47E-07	2.59E-07	2.52E-07	2.29E-07	1.04E-07	1.03E-07	4.94E-09	1.19E-07	2.63E-08	3.43E-08	5.43E-08	9.58E-09	5.40E-08	3.03E-07
1021	490236.72	3861285.12	4.34E-04	4.23E-04	4.18E-04	1.50E-07	4.54E-07	2.63E-07	2.56E-07	2.32E-07	1.06E-07	1.05E-07	5.02E-09	1.21E-07	2.67E-08	3.48E-08	5.52E-08	9.73E-09	5.49E-08	3.08E-07
1022	490386.72	3861285.12	4.54E-04	4.43E-04	4.37E-04	1.57E-07	4.74E-07	2.75E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.25E-09	1.27E-07	2.80E-08	3.64E-08	5.77E-08	1.02E-08	5.74E-08	3.22E-07
1023	490436.72	3861285.12	4.61E-04	4.50E-04	4.44E-04	1.60E-07	4.82E-07	2.79E-07	2.72E-07	2.47E-07	1.13E-07	1.11E-07	5.33E-09	1.29E-07	2.84E-08	3.70E-08	5.87E-08	1.03E-08	5.83E-08	3.27E-07
1024	490486.72	3861285.12	4.69E-04	4.57E-04	4.51E-04	1.62E-07	4.90E-07	2.84E-07	2.77E-07	2.51E-07	1.14E-07	1.13E-07	5.42E-09	1.31E-07	2.89E-08	3.76E-08	5.96E-08	1.05E-08	5.93E-08	3.32E-07
1025	490536.72	3861285.12	4.77E-04	4.65E-04	4.59E-04	1.65E-07	4.98E-07	2.88E-07	2.81E-07	2.55E-07	1.16E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	3.82E-08	6.06E-08	1.07E-08	6.03E-08	3.38E-07
1026	490586.72	3861285.12	4.85E-04	4.74E-04	4.67E-04	1.68E-07	5.07E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	3.89E-08	6.17E-08	1.09E-08	6.14E-08	3.44E-07
1027	490636.72	3861285.12	4.93E-04	4.81E-04	4.75E-04	1.71E-07	5.16E-07	2.98E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	3.95E-08	6.27E-08	1.11E-08	6.24E-08	3.50E-07
1028	490686.72	3861285.12	5.02E-04	4.90E-04	4.83E-04	1.74E-07	5.25E-07	3.04E-07	2.96E-07	2.69E-07	1.23E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.02E-08	6.38E-08	1.13E-08	6.35E-08	3.56E-07
1029	490736.72	3861285.12	5.12E-04	5.00E-04	4.93E-04	1.77E-07	5.35E-07	3.10E-07	3.02E-07	2.74E-07	1.25E-07	1.23E-07	5.92E-09	1.43E-07	3.15E-08	4.10E-08	6.51E-08	1.15E-08	6.47E-08	3.63E-07
1030	490786.72	3861285.12	5.21E-04	5.08E-04	5.02E-04	1.80E-07	5.45E-07	3.15E-07	3.08E-07	2.79E-07	1.27E-07	1.26E-07	6.02E-09	1.45E-07	3.21E-08	4.18E-08	6.63E-08	1.17E-08	6.59E-08	3.69E-07
1031	490836.72	3861285.12	5.31E-04	5.18E-04	5.11E-04	1.84E-07	5.55E-07	3.21E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.75E-08	1.19E-08	6.72E-08	3.76E-07
1032	490061.24	3859716.13	4.51E-03	4.40E-03	4.34E-03	1.56E-06	4.71E-06	2.73E-06	2.66E-06	2.41E-06	1.10E-06	1.09E-06	5.21E-08	1.26E-06	2.78E-07	3.62E-07	5.74E-07	1.01E-07	5.70E-07	3.20E-06
1033	490111.24	3859716.13	5.47E-03	5.34E-03	5.27E-03	1.89E-06	5.72E-06	3.31E-06	3.23E-06	2.93E-06	1.34E-06	1.32E-06	6.33E-08	1.53E-06	3.37E-07	4.39E-07	6.96E-07	1.23E-07	6.92E-07	3.88E-06
1034	490161.24	3859716.13	6.86E-03	6.69E-03	6.60E-03	2.37E-06	7.17E-06	4.15E-06	4.05E-06	3.67E-06	1.67E-06	1.65E-06	7.92E-08	1.91E-06	4.22E-07	5.50E-07	8.72E-07	1.54E-07	8.67E-07	4.86E-06
1035	490211.24	3859716.13	8.95E-03	8.73E-03	8.61E-03	3.10E-06	9.35E-06	5.41E-06	5.28E-06	4.79E-06	2.19E-06	2.16E-06	1.03E-07	2.50E-06	5.51E-07	7.17E-07	1.14E-06	2.01E-07	1.13E-06	6.34E-06
1036	490061.24	3859766.13	3.17E-03	3.09E-03	3.05E-03	1.10E-06	3.31E-06	1.92E-06	1.87E-06	1.69E-06	7.73E-07	7.63E-07	3.66E-08	8.84E-07	1.95E-07	2.54E-07	4.03E-07	7.09E-08	4.00E-07	2.24E-06
1037	490111.24	3859766.13	3.61E-03	3.52E-03	3.48E-03	1.25E-06	3.77E-06	2.18E-06	2.13E-06	1.93E-06	8.82E-07	8.70E-07	4.17E-08	1.01E-06	2.22E-07	2.89E-07	4.59E-07	8.09E-08	4.57E-07	2.56E-06
1038	490161.24	3859766.13	4.18E-03	4.08E-03	4.02E-03	1.45E-06	4.37E-06	2.53E-06	2.47E-06	2.24E-06	1.02E-06	1.01E-06	4.83E-08	1.17E-06	2.58E-07	3.35E-07	5.32E-07	9.37E-08	5.29E-07	2.96E-06

1039	490211.24	3859766.13	4.95E-03	4.83E-03	4.77E-03	1.71E-06	5.18E-06	3.00E-06	2.93E-06	2.65E-06	1.21E-06	1.19E-06	5.73E-08	1.38E-06	3.05E-07	3.97E-07	6.30E-07	1.11E-07	6.27E-07	3.51E-06
1040	490061.24	3859816.13	2.44E-03	2.38E-03	2.35E-03	8.46E-07	2.55E-06	1.48E-06	1.44E-06	1.31E-06	5.97E-07	5.89E-07	2.82E-08	6.82E-07	1.51E-07	1.96E-07	3.11E-07	5.48E-08	3.09E-07	1.73E-06
1041	490111.24	3859816.13	2.69E-03	2.63E-03	2.59E-03	9.32E-07	2.82E-06	1.63E-06	1.59E-06	1.44E-06	6.58E-07	6.49E-07	3.11E-08	7.52E-07	1.66E-07	2.16E-07	3.43E-07	6.04E-08	3.41E-07	1.91E-06
1042	490161.24	3859816.13	3.00E-03	2.93E-03	2.89E-03	1.04E-06	3.14E-06	1.82E-06	1.77E-06	1.61E-06	7.33E-07	7.23E-07	3.47E-08	8.38E-07	1.85E-07	2.41E-07	3.82E-07	6.72E-08	3.79E-07	2.13E-06
1043	490211.24	3859816.13	3.38E-03	3.30E-03	3.25E-03	1.17E-06	3.53E-06	2.04E-06	1.99E-06	1.81E-06	8.25E-07	8.14E-07	3.91E-08	9.43E-07	2.08E-07	2.71E-07	4.30E-07	7.57E-08	4.27E-07	2.39E-06
1044	490061.24	3859866.13	2.00E-03	1.95E-03	1.92E-03	6.92E-07	2.09E-06	1.21E-06	1.18E-06	1.07E-06	4.88E-07	4.81E-07	2.31E-08	5.58E-07	1.23E-07	1.60E-07	2.54E-07	4.48E-08	2.53E-07	1.42E-06
1045	490111.24	3859866.13	2.16E-03	2.11E-03	2.08E-03	7.48E-07	2.26E-06	1.31E-06	1.28E-06	1.16E-06	5.27E-07	5.20E-07	2.50E-08	6.03E-07	1.33E-07	1.73E-07	2.75E-07	4.84E-08	2.73E-07	1.53E-06
1046	490161.24	3859866.13	2.35E-03	2.29E-03	2.26E-03	8.14E-07	2.46E-06	1.42E-06	1.39E-06	1.26E-06	5.74E-07	5.66E-07	2.72E-08	6.56E-07	1.45E-07	1.88E-07	2.99E-07	5.27E-08	2.97E-07	1.67E-06
1047	490211.24	3859866.13	2.57E-03	2.51E-03	2.48E-03	8.91E-07	2.69E-06	1.56E-06	1.52E-06	1.38E-06	6.29E-07	6.20E-07	2.98E-08	7.19E-07	1.59E-07	2.06E-07	3.27E-07	5.77E-08	3.26E-07	1.82E-06
1048	490061.24	3859916.13	1.70E-03	1.66E-03	1.63E-03	5.87E-07	1.77E-06	1.03E-06	1.00E-06	9.08E-07	4.14E-07	4.09E-07	1.96E-08	4.74E-07	1.04E-07	1.36E-07	2.16E-07	3.80E-08	2.14E-07	1.20E-06
1049	490111.24	3859916.13	1.81E-03	1.77E-03	1.74E-03	6.27E-07	1.89E-06	1.10E-06	1.07E-06	9.69E-07	4.42E-07	4.36E-07	2.09E-08	5.06E-07	1.12E-07	1.45E-07	2.30E-07	4.06E-08	2.29E-07	1.28E-06
1050	490161.24	3859916.13	1.94E-03	1.89E-03	1.87E-03	6.71E-07	2.03E-06	1.17E-06	1.15E-06	1.04E-06	4.74E-07	4.67E-07	2.24E-08	5.42E-07	1.20E-07	1.55E-07	2.47E-07	4.35E-08	2.45E-07	1.37E-06
1051	490211.24	3859916.13	2.09E-03	2.03E-03	2.01E-03	7.22E-07	2.18E-06	1.26E-06	1.23E-06	1.12E-06	5.09E-07	5.02E-07	2.41E-08	5.82E-07	1.28E-07	1.67E-07	2.65E-07	4.67E-08	2.64E-07	1.48E-06
1052	490229.25	3859815.26	3.56E-03	3.48E-03	3.43E-03	1.23E-06	3.73E-06	2.16E-06	2.10E-06	1.91E-06	8.71E-07	8.59E-07	4.12E-08	9.95E-07	2.20E-07	2.86E-07	4.53E-07	7.99E-08	4.51E-07	2.53E-06
1053	490279.25	3859815.26	4.10E-03	4.00E-03	3.95E-03	1.42E-06	4.28E-06	2.48E-06	2.42E-06	2.19E-06	1.00E-06	9.88E-07	4.74E-08	1.14E-06	2.53E-07	3.29E-07	5.21E-07	9.19E-08	5.18E-07	2.90E-06
1054	490329.25	3859815.26	4.81E-03	4.69E-03	4.63E-03	1.66E-06	5.03E-06	2.91E-06	2.84E-06	2.57E-06	1.17E-06	1.16E-06	5.56E-08	1.34E-06	2.96E-07	3.85E-07	6.11E-07	1.08E-07	6.08E-07	3.41E-06
1055	490379.25	3859815.26	5.84E-03	5.70E-03	5.62E-03	2.02E-06	6.10E-06	3.53E-06	3.45E-06	3.12E-06	1.43E-06	1.41E-06	6.75E-08	1.63E-06	3.60E-07	4.68E-07	7.42E-07	1.31E-07	7.38E-07	4.14E-06
1056	490429.25	3859815.26	7.43E-03	7.25E-03	7.15E-03	2.57E-06	7.76E-06	4.49E-06	4.38E-06	3.97E-06	1.81E-06	1.79E-06	8.58E-08	2.07E-06	4.57E-07	5.95E-07	9.44E-07	1.66E-07	9.39E-07	5.26E-06
1057	490229.25	3859865.26	2.68E-03	2.61E-03	2.58E-03	9.27E-07	2.80E-06	1.62E-06	1.58E-06	1.43E-06	6.54E-07	6.45E-07	3.10E-08	7.48E-07	1.65E-07	2.15E-07	3.41E-07	6.00E-08	3.39E-07	1.90E-06
1058	490279.25	3859865.26	2.97E-03	2.89E-03	2.86E-03	1.03E-06	3.10E-06	1.79E-06	1.75E-06	1.59E-06	7.24E-07	7.15E-07	3.43E-08	8.28E-07	1.83E-07	2.38E-07	3.77E-07	6.65E-08	3.75E-07	2.10E-06
1059	490329.25	3859865.26	3.32E-03	3.24E-03	3.20E-03	1.15E-06	3.47E-06	2.01E-06	1.96E-06	1.78E-06	8.12E-07	8.01E-07	3.84E-08	9.28E-07	2.05E-07	2.66E-07	4.23E-07	7.45E-08	4.20E-07	2.35E-06
1060	490379.25	3859865.26	3.79E-03	3.69E-03	3.65E-03	1.31E-06	3.96E-06	2.29E-06	2.24E-06	2.03E-06	9.25E-07	9.12E-07	4.38E-08	1.06E-06	2.33E-07	3.04E-07	4.81E-07	8.49E-08	4.79E-07	2.68E-06
1061	490429.25	3859865.26	4.40E-03	4.29E-03	4.24E-03	1.52E-06	4.60E-06	2.66E-06	2.60E-06	2.36E-06	1.07E-06	1.06E-06	5.09E-08	1.23E-06	2.71E-07	3.53E-07	5.60E-07	9.86E-08	5.57E-07	3.12E-06
1062	490229.25	3859915.26	2.15E-03	2.10E-03	2.07E-03	7.45E-07	2.25E-06	1.30E-06	1.27E-06	1.15E-06	5.25E-07	5.18E-07	2.49E-08	6.01E-07	1.33E-07	1.72E-07	2.74E-07	4.82E-08	2.72E-07	1.52E-06
1063	490279.25	3859915.26	2.33E-03	2.27E-03	2.24E-03	8.06E-07	2.43E-06	1.41E-06	1.37E-06	1.25E-06	5.69E-07	5.61E-07	2.69E-08	6.50E-07	1.43E-07	1.87E-07	2.96E-07	5.22E-08	2.95E-07	1.65E-06
1064	490329.25	3859915.26	2.54E-03	2.48E-03	2.45E-03	8.80E-07	2.66E-06	1.54E-06	1.50E-06	1.36E-06	6.21E-07	6.13E-07	2.94E-08	7.10E-07	1.57E-07	2.04E-07	3.23E-07	5.70E-08	3.22E-07	1.80E-06
1065	490379.25	3859915.26	2.80E-03	2.73E-03	2.70E-03	9.70E-07	2.93E-06	1.69E-06	1.65E-06	1.50E-06	6.84E-07	6.75E-07	3.24E-08	7.82E-07	1.73E-07	2.25E-07	3.56E-07	6.28E-08	3.54E-07	1.98E-06
1066	490429.25	3859915.26	3.12E-03	3.04E-03	3.00E-03	1.08E-06	3.26E-06	1.89E-06	1.84E-06	1.67E-06	7.61E-07	7.51E-07	3.60E-08	8.70E-07	1.92E-07	2.50E-07	3.96E-07	6.99E-08	3.94E-07	2.21E-06
1067	490451.43	3859872.59	4.45E-03	4.34E-03	4.28E-03	1.54E-06	4.65E-06	2.69E-06	2.62E-06	2.38E-06	1.09E-06	1.07E-06	5.14E-08	1.24E-06	2.74E-07	3.56E-07	5.65E-07	9.96E-08	5.62E-07	3.15E-06
1068	490501.43	3859872.59	5.33E-03	5.20E-03	5.13E-03	1.85E-06	5.57E-06	3.23E-06	3.15E-06	2.85E-06	1.30E-06	1.28E-06	6.16E-08	1.49E-06	3.29E-07	4.27E-07	6.78E-07	1.20E-07	6.74E-07	3.78E-06
1069	490551.43	3859872.59	6.70E-03	6.54E-03	6.45E-03	2.32E-06	7.00E-06	4.05E-06	3.95E-06	3.59E-06	1.64E-06	1.61E-06	7.74E-08	1.87E-06	4.13E-07	5.37E-07	8.52E-07	1.50E-07	8.47E-07	4.75E-06
1070	490601.43	3859872.59	8.85E-03	8.64E-03	8.52E-03	3.06E-06	9.25E-06	5.36E-06	5.23E-06	4.74E-06	2.16E-06	2.13E-06	1.02E-07	2.47E-06	5.45E-07	7.10E-07	1.13E-06	1.98E-07	1.12E-06	6.27E-06
1071	490451.43	3859922.59	3.14E-03	3.07E-03	3.03E-03	1.09E-06	3.28E-06	1.90E-06	1.86E-06	1.68E-06	7.68E-07	7.57E-07	3.63E-08	8.78E-07	1.94E-07	2.52E-07	4.00E-07	7.04E-08	3.97E-07	2.23E-06
1072	490501.43	3859922.59	3.56E-03	3.47E-03	3.43E-03	1.23E-06	3.72E-06	2.15E-06	2.10E-06	1.90E-06	8.69E-07	8.57E-07	4.11E-08	9.93E-07	2.19E-07	2.85E-07	4.52E-07	7.97E-08	4.50E-07	2.52E-06
1073	490551.43	3859922.59	4.12E-03	4.02E-03	3.97E-03	1.43E-06	4.31E-06	2.50E-06	2.43E-06	2.21E-06	1.01E-06	9.94E-07	4.77E-08	1.15E-06	2.54E-07	3.31E-07	5.24E-07	9.24E-08	5.22E-07	2.92E-06
1074	490601.43	3859922.59	4.91E-03	4.79E-03	4.73E-03	1.70E-06	5.13E-06	2.97E-06	2.90E-06	2.63E-06	1.20E-06	1.18E-06	5.68E-08	1.37E-06	3.03E-07	3.94E-07	6.24E-07	1.10E-07	6.21E-07	3.48E-06
1075	482129.67	3852241.07	5.94E-03	5.80E-03	5.72E-03	2.06E-06	6.21E-06	3.60E-06	3.51E-06	3.18E-06	1.45E-06	1.43E-06	6.87E-08	1.66E-06	3.66E-07	4.76E-07	7.56E-07	1.33E-07	7.52E-07	4.21E-06
1076	482029.67	3852291.07	1.11E-02	1.08E-02	1.07E-02	3.83E-06	1.16E-05	6.70E-06	6.54E-06	5.93E-06	2.71E-06	2.67E-06	1.28E-07	3.09E-06	6.82E-07	8.88E-07	1.41E-06	2.48E-07	1.40E-06	7.85E-06
1077	482079.67	3852291.07	8.60E-03	8.39E-03	8.28E-03	2.98E-06	8.98E-06	5.20E-06	5.08E-06	4.60E-06	2.10E-06	2.07E-06	9.94E-08	2.40E-06	5.30E-07	6.89E-07	1.09E-06	1.93E-07	1.09E-06	6.09E-06
1078	482129.67	3852291.07	6.99E-03	6.82E-03	6.73E-03	2.42E-06	7.31E-06	4.23E-06	4.13E-06	3.74E-06	1.71E-06	1.68E-06	8.08E-08	1.95E-06	4.31E-07	5.60E-07	8.89E-07	1.57E-07	8.84E-07	4.95E-06
1079	482179.67	3852291.07	5.82E-03	5.68E-03	5.60E-03	2.01E-06	6.08E-06	3.52E-06	3.43E-06	3.11E-06	1.42E-06	1.40E-06	6.72E-08	1.62E-06	3.58E-07	4.66E-07	7.40E-07	1.30E-07	7.36E-07	4.12E-06
1080	482229.67	3852291.07	4.93E-03	4.81E-03	4.74E-03	1.71E-06	5.15E-06	2.98E-06	2.91E-06	2.64E-06	1.20E-06	1.19E-06	5.69E-08	1.38E-06	3.04E-07	3.95E-07	6.26E-07	1.10E-07	6.23E-07	3.49E-06
1081	482029.67	3852341.07	1.53E-02	1.49E-02	1.47E-02	5.28E-06	1.60E-05	9.24E-06	9.01E-06	8.17E-06	3.73E-06	3.68E-06	1.76E-07	4.26E-06	9.40E-07	1.22E-06	1.94E-06	3.42E-07	1.93E-06	1.08E-05
1082	482079.67	3852341.07	1.10E-02	1.07E-02	1.06E-02	3.80E-06	1.15E-05	6.64E-06	6.48E-06	5.88E-06	2.68E-06	2.65E-06	1.27E-07	3.07E-06	6.76E-07	8.80E-07	1.40E-06	2.46E-07	1.39E-06	7.78E-06
1083	482129.67	3852341.07	8.53E-03	8.32E-03	8.21E-03	2.95E-06	8.91E-06	5.16E-06	5.04E-06	4.56E-06	2.08E-06	2.06E-06	9.86E-08	2.38E-06	5.25E-07	6.84E-07	1.08E-06	1.91E-07	1.08E-06	6.04E-06
1084	482179.67	3852341.07	6.91E-03	6.74E-03	6.65E-03	2.39E-06	7.22E-06	4.18E-06	4.08E-06	3.70E-06	1.69E-06	1.66E-06	7.99E-08	1.93E-06	4.26E-07	5.54E-07	8.79E-07	1.55E-07	8.74E-07	4.90E-06
1085	482259.06	3852400.14	6.52E-03	6.36E-03	6.28E-03	2.26E-06	6.81E-06	3.94E-06	3.85E-06	3.49E-06	1.59E-06	1.57E-06	7.53E-08	1.82E-06	4.02E-07	5.23E-07	8.29E-07	1.46E-07	8.24E-07	4.62E-06
1086	482309.06	3852400.14	5.39E-03	5.26E-03	5.19E-03	1.86E-06	5.63E-06	3.26E-06	3.18E-06	2.88E-06	1.32E-06	1.30E-06	6.23E-08	1.50E-06	3.32E-07	4.32E-07	6.85E-07	1.21E-07	6.81E-07	3.82E-06
1087	482209.06	3852450.14	9.76E-03	9.52E-03	9.39E-03	3.38E-06	1.02E-05	5.90E-06	5.76E-06	5.22E-06	2.38E-06	2.35E-06	1.13E-07	2.72E-06	6.01E-07	7.82E-07	1.24E-06	2.19E-07	1.23E-06	6.91E-06
1088	482259.06	3852450.14	7.78E-03	7.59E-03	7.49E-03	2.69E-06	8.13E-06	4.71E-06	4.59E-06	4.16E-06	1.90E-06	1.88E-06	8.99E-08	2.17E-06	4.79E-07	6.24E-07	9.90E-07	1.74E-07	9.84E-07	5.51E-06
1089	482309.06	3852450.14	6.36E-03	6.20E-03	6.12E-03	2.20E-06	6.64E-06	3.85E-06	3.75E-06	3.40E-06	1.55E-06	1.53E-06	7.35E-08	1.77E-06	3.92E-07	5.10E-07	8.08E-07	1.42E-07	8.04E-07	4.50E-06
1090	482209.06	3852500.14	1.28E-02	1.25E-02	1.24E-02	4.45E-06	1.34E-05	7.77E-06	7.58E-06	6.88E-06	3.14E-06	3.10E-06	1.48E-07	3.59E-06	7.91E-07	1.03E-06	1.63E-06	2.88E-07	1.62E-06	9.10E-06
1091	482259.06	3852500.14	9.66E-03	9.43E-03	9.31E-03	3.35E-06	1.01E-05	5.85E-06	5.71E-06	5.17E-06	2.36E-06	2.33E-06	1.12E-07	2.70E-06	5.95E-07	7.75E-07	1.23E-06	2.17E-07	1.22E-06	6.85E-06
1092	482309.06	3852500.14	7.65E-03	7.47E-03	7.37E-03	2.65E-06	8.00E-06	4.63E-06	4.52E-06	4.10E-06	1.87E-06	1.84E-06	8.85E-08	2.14E-06	4.72E-07	6.13E-07	9.73E-07	1.72E-07	9.68E-07	5.42E-06
1093	482283.91	3852513.62	9.11E-03	8.89E-03	8.77E-03	3.15E-06	9.52E-06	5.51E-06	5.38E-06	4.88E-06	2.22E-06	2.20E-06	1.05E-07	2.54E-06	5.61E-07	7.30E-07	1.16E-06	2.04E-07	1.15E-06	6.46E-06

1094	482333.91	3852513.62	7.31E-03	7.13E-03	7.04E-03	2.53E-06	7.64E-06	4.42E-06	4.32E-06	3.91E-06	1.79E-06	1.76E-06	8.45E-08	2.04E-06	4.51E-07	5.86E-07	9.30E-07	1.64E-07	9.25E-07	5.18E-06
1095	482283.91	3852563.62	1.18E-02	1.15E-02	1.14E-02	4.09E-06	1.23E-05	7.14E-06	6.97E-06	6.32E-06	2.88E-06	2.85E-06	1.36E-07	3.30E-06	7.27E-07	9.46E-07	1.50E-06	2.65E-07	1.49E-06	8.37E-06
1096	482333.91	3852563.62	9.06E-03	8.84E-03	8.73E-03	3.14E-06	9.47E-06	5.48E-06	5.35E-06	4.85E-06	2.21E-06	2.18E-06	1.05E-07	2.53E-06	5.58E-07	7.26E-07	1.15E-06	2.03E-07	1.15E-06	6.42E-06
1097	482383.91	3852563.62	7.32E-03	7.14E-03	7.05E-03	2.53E-06	7.65E-06	4.43E-06	4.32E-06	3.92E-06	1.79E-06	1.76E-06	8.46E-08	2.04E-06	4.51E-07	5.87E-07	9.31E-07	1.64E-07	9.26E-07	5.19E-06
1098	482283.91	3852613.62	1.64E-02	1.60E-02	1.58E-02	5.67E-06	1.71E-05	9.91E-06	9.67E-06	8.77E-06	4.00E-06	3.95E-06	1.89E-07	4.57E-06	1.01E-06	1.31E-06	2.08E-06	3.67E-07	2.07E-06	1.16E-05
1099	482333.91	3852613.62	1.17E-02	1.14E-02	1.13E-02	4.05E-06	1.22E-05	7.07E-06	6.90E-06	6.25E-06	2.85E-06	2.82E-06	1.35E-07	3.26E-06	7.20E-07	9.37E-07	1.49E-06	2.62E-07	1.48E-06	8.28E-06
1100	482383.91	3852613.62	9.01E-03	8.79E-03	8.67E-03	3.12E-06	9.42E-06	5.45E-06	5.32E-06	4.82E-06	2.20E-06	2.17E-06	1.04E-07	2.52E-06	5.55E-07	7.22E-07	1.15E-06	2.02E-07	1.14E-06	6.38E-06
1101	482602.38	3852600.87	4.09E-03	3.99E-03	3.94E-03	1.42E-06	4.28E-06	2.48E-06	2.42E-06	2.19E-06	1.00E-06	9.87E-07	4.73E-08	1.14E-06	2.52E-07	3.28E-07	5.21E-07	9.18E-08	5.18E-07	2.90E-06
1102	482652.38	3852600.87	3.66E-03	3.57E-03	3.52E-03	1.27E-06	3.83E-06	2.21E-06	2.16E-06	1.96E-06	8.94E-07	8.82E-07	4.23E-08	1.02E-06	2.26E-07	2.93E-07	4.65E-07	8.20E-08	4.63E-07	2.59E-06
1103	482702.38	3852600.87	3.20E-03	3.13E-03	3.09E-03	1.11E-06	3.35E-06	1.94E-06	1.89E-06	1.72E-06	7.83E-07	7.72E-07	3.70E-08	8.95E-07	1.97E-07	2.57E-07	4.08E-07	7.18E-08	4.05E-07	2.27E-06
1104	482552.38	3852650.87	5.39E-03	5.26E-03	5.19E-03	1.86E-06	5.63E-06	3.26E-06	3.18E-06	2.88E-06	1.32E-06	1.30E-06	6.23E-08	1.50E-06	3.32E-07	4.32E-07	6.85E-07	1.21E-07	6.81E-07	3.82E-06
1105	482602.38	3852650.87	4.65E-03	4.54E-03	4.48E-03	1.61E-06	4.86E-06	2.81E-06	2.74E-06	2.49E-06	1.14E-06	1.12E-06	5.37E-08	1.30E-06	2.86E-07	3.73E-07	5.91E-07	1.04E-07	5.88E-07	3.29E-06
1106	482652.38	3852650.87	4.11E-03	4.01E-03	3.96E-03	1.42E-06	4.30E-06	2.49E-06	2.43E-06	2.20E-06	1.00E-06	9.91E-07	4.75E-08	1.15E-06	2.53E-07	3.30E-07	5.23E-07	9.22E-08	5.20E-07	2.91E-06
1107	482702.38	3852650.87	3.68E-03	3.60E-03	3.55E-03	1.28E-06	3.85E-06	2.23E-06	2.18E-06	1.97E-06	9.00E-07	8.88E-07	4.26E-08	1.03E-06	2.27E-07	2.95E-07	4.69E-07	8.26E-08	4.66E-07	2.61E-06
1108	482552.38	3852700.87	6.34E-03	6.18E-03	6.10E-03	2.19E-06	6.62E-06	3.83E-06	3.74E-06	3.39E-06	1.55E-06	1.53E-06	7.32E-08	1.77E-06	3.90E-07	5.08E-07	8.06E-07	1.42E-07	8.01E-07	4.49E-06
1109	482602.38	3852700.87	5.42E-03	5.29E-03	5.22E-03	1.88E-06	5.67E-06	3.28E-06	3.20E-06	2.90E-06	1.32E-06	1.31E-06	6.27E-08	1.51E-06	3.34E-07	4.35E-07	6.89E-07	1.21E-07	6.86E-07	3.84E-06
1110	482652.38	3852700.87	4.80E-03	4.68E-03	4.62E-03	1.66E-06	5.01E-06	2.90E-06	2.83E-06	2.57E-06	1.17E-06	1.16E-06	5.54E-08	1.34E-06	2.96E-07	3.84E-07	6.10E-07	1.07E-07	6.07E-07	3.40E-06
1111	482702.38	3852700.87	4.19E-03	4.09E-03	4.03E-03	1.45E-06	4.38E-06	2.53E-06	2.47E-06	2.24E-06	1.02E-06	1.01E-06	4.84E-08	1.17E-06	2.58E-07	3.36E-07	5.32E-07	9.38E-08	5.29E-07	2.97E-06
1112	482452.38	3852750.87	1.27E-02	1.24E-02	1.23E-02	4.40E-06	1.33E-05	7.70E-06	7.51E-06	6.81E-06	3.11E-06	3.07E-06	1.47E-07	3.55E-06	7.84E-07	1.02E-06	1.62E-06	2.85E-07	1.61E-06	9.02E-06
1113	482521.29	3852749.74	8.67E-03	8.46E-03	8.35E-03	3.00E-06	9.06E-06	5.25E-06	5.12E-06	4.64E-06	2.12E-06	2.09E-06	1.00E-07	2.42E-06	5.34E-07	6.95E-07	1.10E-06	1.94E-07	1.10E-06	6.14E-06
1114	482571.29	3852749.74	7.05E-03	6.88E-03	6.79E-03	2.44E-06	7.37E-06	4.27E-06	4.16E-06	3.77E-06	1.72E-06	1.70E-06	8.15E-08	1.97E-06	4.35E-07	5.65E-07	8.97E-07	1.58E-07	8.92E-07	5.00E-06
1115	482521.29	3852799.74	1.12E-02	1.09E-02	1.07E-02	3.86E-06	1.17E-05	6.75E-06	6.58E-06	5.97E-06	2.72E-06	2.69E-06	1.29E-07	3.11E-06	6.87E-07	8.94E-07	1.42E-06	2.50E-07	1.41E-06	7.90E-06
1116	482571.29	3852799.74	8.64E-03	8.43E-03	8.32E-03	2.99E-06	9.03E-06	5.23E-06	5.10E-06	4.62E-06	2.11E-06	2.08E-06	9.98E-08	2.41E-06	5.32E-07	6.92E-07	1.10E-06	1.94E-07	1.09E-06	6.12E-06
1117	482621.29	3852799.74	7.01E-03	6.84E-03	6.75E-03	2.43E-06	7.33E-06	4.24E-06	4.14E-06	3.75E-06	1.71E-06	1.69E-06	8.11E-08	1.96E-06	4.32E-07	5.62E-07	8.92E-07	1.57E-07	8.87E-07	4.97E-06
1118	482571.29	3852849.74	1.10E-02	1.07E-02	1.06E-02	3.81E-06	1.15E-05	6.67E-06	6.50E-06	5.90E-06	2.69E-06	2.65E-06	1.27E-07	3.08E-06	6.79E-07	8.83E-07	1.40E-06	2.47E-07	1.39E-06	7.81E-06
1119	482621.29	3852849.74	8.49E-03	8.28E-03	8.17E-03	2.94E-06	8.87E-06	5.14E-06	5.01E-06	4.54E-06	2.07E-06	2.05E-06	9.81E-08	2.37E-06	5.23E-07	6.81E-07	1.08E-06	1.90E-07	1.07E-06	6.02E-06
1120	482577.42	3852901.55	1.45E-02	1.42E-02	1.40E-02	5.03E-06	1.52E-05	8.79E-06	8.58E-06	7.78E-06	3.55E-06	3.50E-06	1.68E-07	4.06E-06	8.95E-07	1.16E-06	1.85E-06	3.26E-07	1.84E-06	1.03E-05
1121	482627.42	3852901.55	1.05E-02	1.02E-02	1.01E-02	3.62E-06	1.09E-05	6.33E-06	6.18E-06	5.60E-06	2.55E-06	2.52E-06	1.21E-07	2.92E-06	6.44E-07	8.39E-07	1.33E-06	2.34E-07	1.32E-06	7.41E-06
1122	482629.96	3852955.85	1.42E-02	1.39E-02	1.37E-02	4.93E-06	1.49E-05	8.61E-06	8.40E-06	7.62E-06	3.47E-06	3.43E-06	1.64E-07	3.97E-06	8.77E-07	1.14E-06	1.81E-06	3.19E-07	1.80E-06	1.01E-05
1123	482679.96	3852955.85	1.02E-02	9.94E-03	9.81E-03	3.53E-06	1.07E-05	6.17E-06	6.02E-06	5.45E-06	2.49E-06	2.46E-06	1.18E-07	2.85E-06	6.28E-07	8.17E-07	1.30E-06	2.28E-07	1.29E-06	7.22E-06
1124	482781.63	3853034.48	7.56E-03	7.38E-03	7.28E-03	2.62E-06	7.91E-06	4.58E-06	4.47E-06	4.05E-06	1.85E-06	1.82E-06	8.74E-08	2.11E-06	4.66E-07	6.06E-07	9.62E-07	1.70E-07	9.57E-07	5.36E-06
1125	482831.63	3853034.48	6.09E-03	5.94E-03	5.87E-03	2.11E-06	6.37E-06	3.69E-06	3.60E-06	3.26E-06	1.49E-06	1.47E-06	7.04E-08	1.70E-06	3.75E-07	4.88E-07	7.75E-07	1.37E-07	7.70E-07	4.32E-06
1126	482881.63	3853034.48	5.06E-03	4.94E-03	4.87E-03	1.75E-06	5.29E-06	3.06E-06	2.99E-06	2.71E-06	1.24E-06	1.22E-06	5.85E-08	1.41E-06	3.12E-07	4.05E-07	6.43E-07	1.13E-07	6.40E-07	3.58E-06
1127	482781.63	3853084.48	8.55E-03	8.34E-03	8.23E-03	2.96E-06	8.94E-06	5.17E-06	5.05E-06	4.58E-06	2.09E-06	2.06E-06	9.88E-08	2.39E-06	5.27E-07	6.85E-07	1.09E-06	1.92E-07	1.08E-06	6.06E-06
1128	482831.63	3853084.48	6.71E-03	6.55E-03	6.46E-03	2.32E-06	7.02E-06	4.06E-06	3.96E-06	3.59E-06	1.64E-06	1.62E-06	7.76E-08	1.87E-06	4.14E-07	5.38E-07	8.54E-07	1.50E-07	8.49E-07	4.76E-06
1129	482881.63	3853084.48	5.53E-03	5.40E-03	5.33E-03	1.92E-06	5.78E-06	3.35E-06	3.27E-06	2.96E-06	1.35E-06	1.33E-06	6.40E-08	1.55E-06	3.41E-07	4.44E-07	7.04E-07	1.24E-07	7.00E-07	3.92E-06
1130	482781.63	3853134.48	9.96E-03	9.72E-03	9.59E-03	3.45E-06	1.04E-05	6.02E-06	5.88E-06	5.33E-06	2.43E-06	2.40E-06	1.15E-07	2.78E-06	6.13E-07	7.98E-07	1.27E-06	2.23E-07	1.26E-06	7.06E-06
1131	482831.63	3853134.48	7.54E-03	7.36E-03	7.26E-03	2.61E-06	7.88E-06	4.56E-06	4.45E-06	4.04E-06	1.84E-06	1.82E-06	8.72E-08	2.11E-06	4.65E-07	6.04E-07	9.59E-07	1.69E-07	9.54E-07	5.34E-06
1132	482881.63	3853134.48	6.10E-03	5.95E-03	5.87E-03	2.11E-06	6.37E-06	3.69E-06	3.60E-06	3.26E-06	1.49E-06	1.47E-06	7.05E-08	1.70E-06	3.76E-07	4.89E-07	7.75E-07	1.37E-07	7.71E-07	4.32E-06
1133	482831.63	3853184.48	8.65E-03	8.44E-03	8.33E-03	2.99E-06	9.04E-06	5.23E-06	5.11E-06	4.63E-06	2.11E-06	2.08E-06	1.00E-07	2.42E-06	5.33E-07	6.93E-07	1.10E-06	1.94E-07	1.09E-06	6.13E-06
1134	482881.63	3853184.48	6.78E-03	6.61E-03	6.52E-03	2.35E-06	7.08E-06	4.10E-06	4.00E-06	3.63E-06	1.65E-06	1.63E-06	7.83E-08	1.89E-06	4.17E-07	5.43E-07	8.62E-07	1.52E-07	8.57E-07	4.80E-06
1135	484154.84	3854250.98	1.90E-03	1.86E-03	1.83E-03	6.59E-07	1.99E-06	1.15E-06	1.12E-06	1.02E-06	4.65E-07	4.59E-07	2.20E-08	5.32E-07	1.17E-07	1.53E-07	2.42E-07	4.27E-08	2.41E-07	1.35E-06
1136	484204.84	3854250.98	1.81E-03	1.77E-03	1.74E-03	6.27E-07	1.89E-06	1.10E-06	1.07E-06	9.70E-07	4.43E-07	4.37E-07	2.09E-08	5.06E-07	1.12E-07	1.45E-07	2.30E-07	4.06E-08	2.29E-07	1.28E-06
1137	484154.84	3854300.98	2.03E-03	1.98E-03	1.96E-03	7.03E-07	2.12E-06	1.23E-06	1.20E-06	1.09E-06	4.96E-07	4.90E-07	2.35E-08	5.67E-07	1.25E-07	1.63E-07	2.58E-07	4.55E-08	2.57E-07	1.44E-06
1138	484204.84	3854300.98	1.94E-03	1.89E-03	1.87E-03	6.72E-07	2.03E-06	1.17E-06	1.15E-06	1.04E-06	4.74E-07	4.67E-07	2.24E-08	5.42E-07	1.20E-07	1.56E-07	2.47E-07	4.35E-08	2.45E-07	1.37E-06
1139	484074.19	3854519.8	4.45E-03	4.35E-03	4.29E-03	1.54E-06	4.65E-06	2.69E-06	2.63E-06	2.38E-06	1.09E-06	1.07E-06	5.15E-08	1.24E-06	2.74E-07	3.57E-07	5.66E-07	9.98E-08	5.63E-07	3.16E-06
1140	484124.19	3854519.8	3.82E-03	3.73E-03	3.68E-03	1.32E-06	3.99E-06	2.31E-06	2.26E-06	2.05E-06	9.33E-07	9.21E-07	4.42E-08	1.07E-06	2.35E-07	3.06E-07	4.86E-07	8.56E-08	4.83E-07	2.71E-06
1141	484074.19	3854569.8	5.99E-03	5.85E-03	5.77E-03	2.07E-06	6.26E-06	3.62E-06	3.54E-06	3.21E-06	1.46E-06	1.44E-06	6.92E-08	1.67E-06	3.69E-07	4.80E-07	7.62E-07	1.34E-07	7.58E-07	4.24E-06
1142	484124.19	3854569.8	4.84E-03	4.72E-03	4.66E-03	1.68E-06	5.06E-06	2.93E-06	2.86E-06	2.59E-06	1.18E-06	1.17E-06	5.59E-08	1.35E-06	2.98E-07	3.88E-07	6.15E-07	1.08E-07	6.12E-07	3.43E-06
1143	485205.11	3855188.89	3.62E-03	3.53E-03	3.49E-03	1.25E-06	3.78E-06	2.19E-06	2.14E-06	1.94E-06	8.84E-07	8.72E-07	4.19E-08	1.01E-06	2.23E-07	2.90E-07	4.60E-07	8.11E-08	4.58E-07	2.57E-06
1144	485255.11	3855188.89	3.16E-03	3.08E-03	3.04E-03	1.09E-06	3.30E-06	1.91E-06	1.86E-06	1.69E-06	7.71E-07	7.61E-07	3.65E-08	8.82E-07	1.95E-07	2.53E-07	4.02E-07	7.08E-08	3.99E-07	2.24E-06
1145	485205.11	3855238.89	4.12E-03	4.02E-03	3.97E-03	1.43E-06	4.31E-06	2.49E-06	2.43E-06	2.21E-06	1.01E-06	9.93E-07	4.76E-08	1.15E-06	2.54E-07	3.30E-07	5.24E-07	9.24E-08	5.21E-07	2.92E-06
1146	485255.11	3855238.89	3.56E-03	3.48E-03	3.43E-03	1.23E-06	3.72E-06	2.16E-06	2.10E-06	1.91E-06	8.70E-07	8.59E-07	4.12E-08	9.95E-07	2.20E-07	2.86E-07	4.53E-07	7.99E-08	4.51E-07	2.53E-06
1147	485205.11	3855288.89	5.23E-03	5.11E-03	5.04E-03	1.81E-06	5.47E-06	3.17E-06	3.09E-06	2.80E-06	1.28E-06	1.26E-06	6.05E-08	1.46E-06	3.22E-07	4.20E-07	6.66E-07	1.17E-07	6.62E-07	3.71E-06
1148	485255.11	3855288.89	4.28E-03	4.18E-03	4.12E-03	1.48E-06	4.48E-06	2.59E-06	2.53E-06	2.29E-06	1.05E-06	1.03E-06	4.95E-08	1.20E-06	2.64E-07	3.43E-07	5.45E-07	9.60E-08	5.42E-07	3.04E-06

1149	485255.11	3855338.89	5.36E-03	5.23E-03	5.16E-03	1.86E-06	5.60E-06	3.24E-06	3.16E-06	2.87E-06	1.31E-06	1.29E-06	6.20E-08	1.50E-06	3.30E-07	4.30E-07	6.82E-07	1.20E-07	6.78E-07	3.80E-06
1150	485305.11	3855338.89	4.38E-03	4.27E-03	4.22E-03	1.52E-06	4.58E-06	2.65E-06	2.59E-06	2.34E-06	1.07E-06	1.06E-06	5.06E-08	1.22E-06	2.70E-07	3.51E-07	5.57E-07	9.82E-08	5.54E-07	3.10E-06
1151	485852.5	3855635.28	2.54E-03	2.48E-03	2.44E-03	8.79E-07	2.65E-06	1.54E-06	1.50E-06	1.36E-06	6.20E-07	6.12E-07	2.93E-08	7.09E-07	1.56E-07	2.04E-07	3.23E-07	5.69E-08	3.21E-07	1.80E-06
1152	485902.5	3855635.28	2.33E-03	2.27E-03	2.24E-03	8.05E-07	2.43E-06	1.41E-06	1.37E-06	1.24E-06	5.68E-07	5.60E-07	2.69E-08	6.49E-07	1.43E-07	1.86E-07	2.96E-07	5.21E-08	2.94E-07	1.65E-06
1153	485852.5	3855685.28	2.79E-03	2.72E-03	2.68E-03	9.64E-07	2.91E-06	1.69E-06	1.64E-06	1.49E-06	6.80E-07	6.71E-07	3.22E-08	7.78E-07	1.72E-07	2.23E-07	3.54E-07	6.24E-08	3.52E-07	1.97E-06
1154	485902.5	3855685.28	2.52E-03	2.46E-03	2.43E-03	8.74E-07	2.64E-06	1.53E-06	1.49E-06	1.35E-06	6.17E-07	6.08E-07	2.92E-08	7.05E-07	1.56E-07	2.02E-07	3.21E-07	5.66E-08	3.19E-07	1.79E-06
1155	485852.5	3855735.28	3.09E-03	3.02E-03	2.98E-03	1.07E-06	3.23E-06	1.87E-06	1.83E-06	1.66E-06	7.56E-07	7.46E-07	3.58E-08	8.64E-07	1.91E-07	2.48E-07	3.93E-07	6.93E-08	3.91E-07	2.19E-06
1156	485902.5	3855735.28	2.78E-03	2.72E-03	2.68E-03	9.64E-07	2.91E-06	1.68E-06	1.64E-06	1.49E-06	6.80E-07	6.71E-07	3.22E-08	7.77E-07	1.72E-07	2.23E-07	3.54E-07	6.24E-08	3.52E-07	1.97E-06
1157	485852.5	3855785.28	3.52E-03	3.43E-03	3.39E-03	1.22E-06	3.68E-06	2.13E-06	2.08E-06	1.88E-06	8.59E-07	8.48E-07	4.07E-08	9.82E-07	2.17E-07	2.82E-07	4.47E-07	7.88E-08	4.45E-07	2.49E-06
1158	485902.5	3855785.28	3.08E-03	3.01E-03	2.97E-03	1.07E-06	3.22E-06	1.87E-06	1.82E-06	1.65E-06	7.53E-07	7.43E-07	3.56E-08	8.61E-07	1.90E-07	2.47E-07	3.92E-07	6.91E-08	3.90E-07	2.19E-06
1159	486809.46	3856465.28	2.37E-03	2.31E-03	2.28E-03	8.20E-07	2.48E-06	1.43E-06	1.40E-06	1.27E-06	5.79E-07	5.71E-07	2.74E-08	6.62E-07	1.46E-07	1.90E-07	3.01E-07	5.31E-08	3.00E-07	1.68E-06
1160	486859.46	3856465.28	2.22E-03	2.17E-03	2.14E-03	7.69E-07	2.32E-06	1.34E-06	1.31E-06	1.19E-06	5.43E-07	5.36E-07	2.57E-08	6.21E-07	1.37E-07	1.78E-07	2.83E-07	4.98E-08	2.81E-07	1.57E-06
1161	486909.46	3856465.28	2.10E-03	2.04E-03	2.02E-03	7.25E-07	2.19E-06	1.27E-06	1.24E-06	1.12E-06	5.12E-07	5.05E-07	2.42E-08	5.85E-07	1.29E-07	1.68E-07	2.66E-07	4.70E-08	2.65E-07	1.48E-06
1162	486809.46	3856515.28	2.57E-03	2.50E-03	2.47E-03	8.88E-07	2.68E-06	1.55E-06	1.52E-06	1.37E-06	6.27E-07	6.18E-07	2.97E-08	7.16E-07	1.58E-07	2.06E-07	3.26E-07	5.75E-08	3.25E-07	1.82E-06
1163	486859.46	3856515.28	2.39E-03	2.33E-03	2.30E-03	8.28E-07	2.50E-06	1.45E-06	1.41E-06	1.28E-06	5.84E-07	5.76E-07	2.76E-08	6.67E-07	1.47E-07	1.92E-07	3.04E-07	5.36E-08	3.02E-07	1.69E-06
1164	486909.46	3856515.28	2.24E-03	2.19E-03	2.16E-03	7.76E-07	2.34E-06	1.36E-06	1.32E-06	1.20E-06	5.47E-07	5.40E-07	2.59E-08	6.26E-07	1.38E-07	1.80E-07	2.85E-07	5.02E-08	2.83E-07	1.59E-06
1165	486980.94	3856357.95	1.73E-03	1.69E-03	1.67E-03	6.00E-07	1.81E-06	1.05E-06	1.02E-06	9.27E-07	4.23E-07	4.18E-07	2.00E-08	4.84E-07	1.07E-07	1.39E-07	2.20E-07	3.88E-08	2.19E-07	1.23E-06
1166	487030.94	3856357.95	1.66E-03	1.62E-03	1.60E-03	5.76E-07	1.74E-06	1.01E-06	9.83E-07	8.91E-07	4.07E-07	4.01E-07	1.92E-08	4.65E-07	1.03E-07	1.33E-07	2.12E-07	3.73E-08	2.11E-07	1.18E-06
1167	486980.94	3856407.95	1.83E-03	1.78E-03	1.76E-03	6.32E-07	1.91E-06	1.11E-06	1.08E-06	9.78E-07	4.46E-07	4.40E-07	2.11E-08	5.10E-07	1.13E-07	1.46E-07	2.32E-07	4.09E-08	2.31E-07	1.29E-06
1168	487030.94	3856407.95	1.75E-03	1.71E-03	1.68E-03	6.05E-07	1.83E-06	1.06E-06	1.03E-06	9.36E-07	4.27E-07	4.21E-07	2.02E-08	4.88E-07	1.08E-07	1.40E-07	2.22E-07	3.92E-08	2.21E-07	1.24E-06
1169	487447.18	3856437.45	1.35E-03	1.32E-03	1.30E-03	4.69E-07	1.41E-06	8.19E-07	7.99E-07	7.25E-07	3.31E-07	3.26E-07	1.56E-08	3.78E-07	8.34E-08	1.09E-07	1.72E-07	3.03E-08	1.71E-07	9.59E-07
1170	487497.18	3856437.45	1.32E-03	1.29E-03	1.27E-03	4.56E-07	1.38E-06	7.98E-07	7.78E-07	7.06E-07	3.22E-07	3.18E-07	1.52E-08	3.68E-07	8.12E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.34E-07
1171	487547.18	3856437.45	1.29E-03	1.26E-03	1.24E-03	4.45E-07	1.34E-06	7.78E-07	7.60E-07	6.89E-07	3.14E-07	3.10E-07	1.49E-08	3.59E-07	7.93E-08	1.03E-07	1.64E-07	2.88E-08	1.63E-07	9.12E-07
1172	487447.18	3856487.45	1.40E-03	1.37E-03	1.35E-03	4.85E-07	1.46E-06	8.47E-07	8.27E-07	7.49E-07	3.42E-07	3.37E-07	1.62E-08	3.91E-07	8.63E-08	1.12E-07	1.78E-07	3.14E-08	1.77E-07	9.92E-07
1173	487497.18	3856487.45	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.24E-07	8.04E-07	7.29E-07	3.33E-07	3.28E-07	1.57E-08	3.80E-07	8.39E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.65E-07
1174	487547.18	3856487.45	1.33E-03	1.29E-03	1.28E-03	4.59E-07	1.39E-06	8.03E-07	7.83E-07	7.10E-07	3.24E-07	3.20E-07	1.53E-08	3.70E-07	8.17E-08	1.06E-07	1.69E-07	2.97E-08	1.68E-07	9.40E-07
1175	487447.18	3856537.45	1.45E-03	1.42E-03	1.40E-03	5.02E-07	1.52E-06	8.78E-07	8.57E-07	7.77E-07	3.54E-07	3.50E-07	1.68E-08	4.05E-07	8.94E-08	1.16E-07	1.85E-07	3.25E-08	1.83E-07	1.03E-06
1176	487497.18	3856537.45	1.41E-03	1.37E-03	1.36E-03	4.87E-07	1.47E-06	8.52E-07	8.31E-07	7.54E-07	3.44E-07	3.39E-07	1.63E-08	3.93E-07	8.68E-08	1.13E-07	1.79E-07	3.16E-08	1.78E-07	9.98E-07
1177	487547.18	3856537.45	1.37E-03	1.34E-03	1.32E-03	4.75E-07	1.43E-06	8.29E-07	8.09E-07	7.34E-07	3.35E-07	3.30E-07	1.58E-08	3.83E-07	8.45E-08	1.10E-07	1.74E-07	3.07E-08	1.73E-07	9.71E-07
1178	489285.89	3858826.54	4.50E-03	4.39E-03	4.33E-03	1.56E-06	4.70E-06	2.72E-06	2.66E-06	2.41E-06	1.10E-06	1.08E-06	5.20E-08	1.26E-06	2.77E-07	3.61E-07	5.72E-07	1.01E-07	5.69E-07	3.19E-06
1179	489335.89	3858826.54	4.16E-03	4.06E-03	4.00E-03	1.44E-06	4.35E-06	2.52E-06	2.45E-06	2.23E-06	1.02E-06	1.00E-06	4.81E-08	1.16E-06	2.56E-07	3.33E-07	5.29E-07	9.32E-08	5.26E-07	2.95E-06
1180	489385.89	3858826.54	3.86E-03	3.77E-03	3.72E-03	1.34E-06	4.04E-06	2.34E-06	2.28E-06	2.07E-06	9.43E-07	9.31E-07	4.46E-08	1.08E-06	2.38E-07	3.10E-07	4.91E-07	8.66E-08	4.88E-07	2.74E-06
1181	489435.89	3858826.54	3.61E-03	3.52E-03	3.48E-03	1.25E-06	3.77E-06	2.19E-06	2.13E-06	1.93E-06	8.82E-07	8.70E-07	4.17E-08	1.01E-06	2.23E-07	2.90E-07	4.59E-07	8.09E-08	4.57E-07	2.56E-06
1182	489485.89	3858826.54	3.40E-03	3.31E-03	3.27E-03	1.18E-06	3.55E-06	2.05E-06	2.00E-06	1.82E-06	8.29E-07	8.18E-07	3.92E-08	9.48E-07	2.09E-07	2.72E-07	4.32E-07	7.61E-08	4.29E-07	2.41E-06
1183	489535.89	3858826.54	3.21E-03	3.13E-03	3.09E-03	1.11E-06	3.35E-06	1.94E-06	1.89E-06	1.72E-06	7.83E-07	7.73E-07	3.71E-08	8.95E-07	1.98E-07	2.57E-07	4.08E-07	7.18E-08	4.05E-07	2.27E-06
1184	489585.89	3858826.54	3.04E-03	2.97E-03	2.93E-03	1.05E-06	3.18E-06	1.84E-06	1.79E-06	1.63E-06	7.42E-07	7.32E-07	3.51E-08	8.49E-07	1.87E-07	2.44E-07	3.87E-07	6.81E-08	3.84E-07	2.15E-06
1185	489635.89	3858826.54	2.89E-03	2.82E-03	2.78E-03	1.00E-06	3.02E-06	1.75E-06	1.71E-06	1.55E-06	7.06E-07	6.97E-07	3.34E-08	8.07E-07	1.78E-07	2.32E-07	3.68E-07	6.48E-08	3.66E-07	2.05E-06
1186	489685.89	3858826.54	2.76E-03	2.69E-03	2.65E-03	9.54E-07	2.88E-06	1.67E-06	1.63E-06	1.48E-06	6.73E-07	6.64E-07	3.19E-08	7.70E-07	1.70E-07	2.21E-07	3.51E-07	6.18E-08	3.49E-07	1.95E-06
1187	489735.89	3858826.54	2.64E-03	2.57E-03	2.54E-03	9.12E-07	2.75E-06	1.59E-06	1.56E-06	1.41E-06	6.44E-07	6.35E-07	3.05E-08	7.36E-07	1.62E-07	2.11E-07	3.35E-07	5.91E-08	3.33E-07	1.87E-06
1188	489785.89	3858826.54	2.53E-03	2.47E-03	2.43E-03	8.75E-07	2.64E-06	1.53E-06	1.49E-06	1.35E-06	6.17E-07	6.09E-07	2.92E-08	7.06E-07	1.56E-07	2.03E-07	3.21E-07	5.66E-08	3.20E-07	1.79E-06
1189	489835.89	3858826.54	2.42E-03	2.37E-03	2.33E-03	8.39E-07	2.53E-06	1.47E-06	1.43E-06	1.30E-06	5.92E-07	5.84E-07	2.80E-08	6.77E-07	1.49E-07	1.94E-07	3.08E-07	5.43E-08	3.07E-07	1.72E-06
1190	489885.89	3858826.54	2.33E-03	2.28E-03	2.25E-03	8.08E-07	2.44E-06	1.41E-06	1.38E-06	1.25E-06	5.70E-07	5.62E-07	2.70E-08	6.52E-07	1.44E-07	1.87E-07	2.97E-07	5.23E-08	2.95E-07	1.65E-06
1191	489935.89	3858826.54	2.25E-03	2.19E-03	2.17E-03	7.78E-07	2.35E-06	1.36E-06	1.33E-06	1.20E-06	5.49E-07	5.42E-07	2.60E-08	6.28E-07	1.39E-07	1.80E-07	2.86E-07	5.04E-08	2.84E-07	1.59E-06
1192	489985.89	3858826.54	2.17E-03	2.12E-03	2.09E-03	7.51E-07	2.27E-06	1.31E-06	1.28E-06	1.16E-06	5.30E-07	5.23E-07	2.51E-08	6.06E-07	1.34E-07	1.74E-07	2.76E-07	4.86E-08	2.74E-07	1.54E-06
1193	490035.89	3858826.54	2.09E-03	2.04E-03	2.01E-03	7.23E-07	2.18E-06	1.26E-06	1.23E-06	1.12E-06	5.10E-07	5.03E-07	2.41E-08	5.83E-07	1.29E-07	1.67E-07	2.66E-07	4.68E-08	2.64E-07	1.48E-06
1194	489285.89	3858876.54	5.22E-03	5.09E-03	5.02E-03	1.81E-06	5.45E-06	3.16E-06	3.08E-06	2.79E-06	1.27E-06	1.26E-06	6.03E-08	1.46E-06	3.22E-07	4.18E-07	6.64E-07	1.17E-07	6.60E-07	3.70E-06
1195	489335.89	3858876.54	4.76E-03	4.64E-03	4.58E-03	1.65E-06	4.98E-06	2.88E-06	2.81E-06	2.55E-06	1.16E-06	1.15E-06	5.50E-08	1.33E-06	2.93E-07	3.82E-07	6.05E-07	1.07E-07	6.02E-07	3.37E-06
1196	489385.89	3858876.54	4.38E-03	4.27E-03	4.22E-03	1.52E-06	4.58E-06	2.65E-06	2.59E-06	2.34E-06	1.07E-06	1.06E-06	5.06E-08	1.22E-06	2.70E-07	3.51E-07	5.57E-07	9.82E-08	5.54E-07	3.10E-06
1197	489435.89	3858876.54	4.06E-03	3.96E-03	3.91E-03	1.41E-06	4.24E-06	2.46E-06	2.40E-06	2.17E-06	9.91E-07	9.78E-07	4.69E-08	1.13E-06	2.50E-07	3.25E-07	5.16E-07	9.10E-08	5.13E-07	2.88E-06
1198	489485.89	3858876.54	3.78E-03	3.69E-03	3.64E-03	1.31E-06	3.96E-06	2.29E-06	2.23E-06	2.03E-06	9.24E-07	9.12E-07	4.37E-08	1.06E-06	2.33E-07	3.03E-07	4.81E-07	8.48E-08	4.79E-07	2.68E-06
1199	489535.89	3858876.54	3.55E-03	3.46E-03	3.42E-03	1.23E-06	3.71E-06	2.15E-06	2.09E-06	1.90E-06	8.66E-07	8.55E-07	4.10E-08	9.91E-07	2.19E-07	2.84E-07	4.51E-07	7.95E-08	4.49E-07	2.51E-06
1200	489585.89	3858876.54	3.34E-03	3.26E-03	3.21E-03	1.16E-06	3.49E-06	2.02E-06	1.97E-06	1.79E-06	8.15E-07	8.04E-07	3.86E-08	9.32E-07	2.06E-07	2.68E-07	4.25E-07	7.48E-08	4.22E-07	2.37E-06
1201	489635.89	3858876.54	3.16E-03	3.08E-03	3.04E-03	1.09E-06	3.30E-06	1.91E-06	1.87E-06	1.69E-06	7.72E-07	7.61E-07	3.65E-08	8.82E-07	1.95E-07	2.53E-07	4.02E-07	7.08E-08	4.00E-07	2.24E-06
1202	489685.89	3858876.54	3.00E-03	2.93E-03	2.89E-03	1.04E-06	3.13E-06	1.81E-06	1.77E-06	1.61E-06	7.32E-07	7.23E-07	3.47E-08	8.37E-07	1.85E-07	2.40E-07	3.81E-07	6.72E-08	3.79E-07	2.13E-06
1203	489735.89	3858876.54	2.85E-03	2.78E-03	2.75E-03	9.88E-07	2.98E-06	1.73E-06	1.69E-06	1.53E-06	6.97E-07	6.88E-07	3.30E-08	7.97E-07	1.76E-07	2.29E-07	3.63E-07	6.40E-08	3.61E-07	2.02E-06

1204	489785.89	3858876.54	2.73E-03	2.66E-03	2.63E-03	9.44E-07	2.85E-06	1.65E-06	1.61E-06	1.46E-06	6.66E-07	6.57E-07	3.15E-08	7.61E-07	1.68E-07	2.19E-07	3.47E-07	6.11E-08	3.45E-07	1.93E-06
1205	489835.89	3858876.54	2.61E-03	2.55E-03	2.51E-03	9.04E-07	2.73E-06	1.58E-06	1.54E-06	1.40E-06	6.38E-07	6.29E-07	3.02E-08	7.29E-07	1.61E-07	2.09E-07	3.32E-07	5.85E-08	3.30E-07	1.85E-06
1206	489885.89	3858876.54	2.51E-03	2.45E-03	2.41E-03	8.68E-07	2.62E-06	1.52E-06	1.48E-06	1.34E-06	6.12E-07	6.04E-07	2.90E-08	7.00E-07	1.54E-07	2.01E-07	3.19E-07	5.62E-08	3.17E-07	1.78E-06
1207	489935.89	3858876.54	2.41E-03	2.35E-03	2.32E-03	8.33E-07	2.52E-06	1.46E-06	1.42E-06	1.29E-06	5.88E-07	5.80E-07	2.78E-08	6.72E-07	1.48E-07	1.93E-07	3.06E-07	5.40E-08	3.04E-07	1.71E-06
1208	489985.89	3858876.54	2.31E-03	2.25E-03	2.23E-03	8.00E-07	2.42E-06	1.40E-06	1.36E-06	1.24E-06	5.64E-07	5.57E-07	2.67E-08	6.45E-07	1.42E-07	1.85E-07	2.94E-07	5.18E-08	2.92E-07	1.64E-06
1209	490035.89	3858876.54	2.22E-03	2.17E-03	2.14E-03	7.69E-07	2.32E-06	1.34E-06	1.31E-06	1.19E-06	5.43E-07	5.35E-07	2.57E-08	6.20E-07	1.37E-07	1.78E-07	2.83E-07	4.98E-08	2.81E-07	1.57E-06
1210	489285.89	3858926.54	6.22E-03	6.07E-03	5.99E-03	2.15E-06	6.50E-06	3.77E-06	3.67E-06	3.33E-06	1.52E-06	1.50E-06	7.19E-08	1.74E-06	3.83E-07	4.99E-07	7.91E-07	1.39E-07	7.87E-07	4.41E-06
1211	489335.89	3858926.54	5.58E-03	5.45E-03	5.37E-03	1.93E-06	5.83E-06	3.38E-06	3.29E-06	2.99E-06	1.36E-06	1.34E-06	6.45E-08	1.56E-06	3.44E-07	4.47E-07	7.10E-07	1.25E-07	7.06E-07	3.95E-06
1212	489385.89	3858926.54	5.06E-03	4.94E-03	4.87E-03	1.75E-06	5.29E-06	3.06E-06	2.99E-06	2.71E-06	1.24E-06	1.22E-06	5.85E-08	1.41E-06	3.12E-07	4.06E-07	6.43E-07	1.13E-07	6.40E-07	3.58E-06
1213	489435.89	3858926.54	4.64E-03	4.52E-03	4.46E-03	1.60E-06	4.84E-06	2.80E-06	2.74E-06	2.48E-06	1.13E-06	1.12E-06	5.36E-08	1.29E-06	2.86E-07	3.72E-07	5.89E-07	1.04E-07	5.86E-07	3.28E-06
1214	489485.89	3858926.54	4.28E-03	4.18E-03	4.12E-03	1.48E-06	4.47E-06	2.59E-06	2.53E-06	2.29E-06	1.05E-06	1.03E-06	4.95E-08	1.20E-06	2.64E-07	3.43E-07	5.44E-07	9.59E-08	5.41E-07	3.03E-06
1215	489535.89	3858926.54	3.98E-03	3.88E-03	3.83E-03	1.38E-06	4.16E-06	2.41E-06	2.35E-06	2.13E-06	9.71E-07	9.59E-07	4.60E-08	1.11E-06	2.45E-07	3.19E-07	5.06E-07	8.92E-08	5.03E-07	2.82E-06
1216	489585.89	3858926.54	3.72E-03	3.63E-03	3.58E-03	1.29E-06	3.88E-06	2.25E-06	2.19E-06	1.99E-06	9.08E-07	8.96E-07	4.30E-08	1.04E-06	2.29E-07	2.98E-07	4.73E-07	8.33E-08	4.70E-07	2.63E-06
1217	489635.89	3858926.54	3.49E-03	3.41E-03	3.36E-03	1.21E-06	3.65E-06	2.11E-06	2.06E-06	1.87E-06	8.53E-07	8.41E-07	4.04E-08	9.75E-07	2.15E-07	2.80E-07	4.44E-07	7.83E-08	4.42E-07	2.47E-06
1218	489685.89	3858926.54	3.29E-03	3.21E-03	3.17E-03	1.14E-06	3.44E-06	1.99E-06	1.94E-06	1.76E-06	8.04E-07	7.93E-07	3.81E-08	9.19E-07	2.03E-07	2.64E-07	4.19E-07	7.38E-08	4.16E-07	2.33E-06
1219	489735.89	3858926.54	3.12E-03	3.05E-03	3.01E-03	1.08E-06	3.26E-06	1.89E-06	1.84E-06	1.67E-06	7.62E-07	7.52E-07	3.61E-08	8.72E-07	1.92E-07	2.50E-07	3.97E-07	7.00E-08	3.95E-07	2.21E-06
1220	489785.89	3858926.54	2.97E-03	2.90E-03	2.86E-03	1.03E-06	3.10E-06	1.80E-06	1.75E-06	1.59E-06	7.25E-07	7.16E-07	3.43E-08	8.29E-07	1.83E-07	2.38E-07	3.78E-07	6.66E-08	3.76E-07	2.10E-06
1221	489835.89	3858926.54	2.83E-03	2.76E-03	2.72E-03	9.79E-07	2.96E-06	1.71E-06	1.67E-06	1.51E-06	6.91E-07	6.82E-07	3.27E-08	7.90E-07	1.74E-07	2.27E-07	3.60E-07	6.34E-08	3.58E-07	2.00E-06
1222	489885.89	3858926.54	2.71E-03	2.64E-03	2.61E-03	9.37E-07	2.83E-06	1.64E-06	1.60E-06	1.45E-06	6.61E-07	6.52E-07	3.13E-08	7.56E-07	1.67E-07	2.17E-07	3.44E-07	6.06E-08	3.42E-07	1.92E-06
1223	489935.89	3858926.54	2.59E-03	2.53E-03	2.50E-03	8.97E-07	2.71E-06	1.57E-06	1.53E-06	1.39E-06	6.33E-07	6.24E-07	3.00E-08	7.24E-07	1.60E-07	2.08E-07	3.30E-07	5.81E-08	3.28E-07	1.84E-06
1224	489985.89	3858926.54	2.48E-03	2.42E-03	2.39E-03	8.59E-07	2.59E-06	1.50E-06	1.47E-06	1.33E-06	6.06E-07	5.98E-07	2.87E-08	6.93E-07	1.53E-07	1.99E-07	3.16E-07	5.56E-08	3.14E-07	1.76E-06
1225	490035.89	3858926.54	2.37E-03	2.31E-03	2.28E-03	8.20E-07	2.48E-06	1.43E-06	1.40E-06	1.27E-06	5.79E-07	5.71E-07	2.74E-08	6.61E-07	1.46E-07	1.90E-07	3.01E-07	5.31E-08	3.00E-07	1.68E-06
1226	489335.89	3858976.54	6.74E-03	6.58E-03	6.49E-03	2.33E-06	7.05E-06	4.08E-06	3.98E-06	3.61E-06	1.65E-06	1.63E-06	7.80E-08	1.88E-06	4.16E-07	5.41E-07	8.58E-07	1.51E-07	8.53E-07	4.78E-06
1227	489385.89	3858976.54	6.00E-03	5.85E-03	5.78E-03	2.08E-06	6.27E-06	3.63E-06	3.54E-06	3.21E-06	1.47E-06	1.45E-06	6.94E-08	1.68E-06	3.70E-07	4.81E-07	7.63E-07	1.34E-07	7.59E-07	4.25E-06
1228	489435.89	3858976.54	5.42E-03	5.29E-03	5.22E-03	1.88E-06	5.66E-06	3.28E-06	3.20E-06	2.90E-06	1.32E-06	1.31E-06	6.27E-08	1.51E-06	3.34E-07	4.34E-07	6.89E-07	1.21E-07	6.85E-07	3.84E-06
1229	489485.89	3858976.54	4.94E-03	4.82E-03	4.75E-03	1.71E-06	5.16E-06	2.99E-06	2.92E-06	2.64E-06	1.21E-06	1.19E-06	5.71E-08	1.38E-06	3.04E-07	3.96E-07	6.28E-07	1.11E-07	6.25E-07	3.50E-06
1230	489535.89	3858976.54	4.54E-03	4.43E-03	4.37E-03	1.57E-06	4.74E-06	2.74E-06	2.68E-06	2.43E-06	1.11E-06	1.09E-06	5.24E-08	1.27E-06	2.79E-07	3.64E-07	5.77E-07	1.02E-07	5.74E-07	3.21E-06
1231	489585.89	3858976.54	4.20E-03	4.10E-03	4.05E-03	1.46E-06	4.39E-06	2.54E-06	2.48E-06	2.25E-06	1.03E-06	1.01E-06	4.86E-08	1.17E-06	2.59E-07	3.37E-07	5.35E-07	9.42E-08	5.32E-07	2.98E-06
1232	489635.89	3858976.54	3.92E-03	3.82E-03	3.77E-03	1.36E-06	4.09E-06	2.37E-06	2.31E-06	2.10E-06	9.56E-07	9.43E-07	4.53E-08	1.09E-06	2.41E-07	3.14E-07	4.98E-07	8.77E-08	4.95E-07	2.77E-06
1233	489685.89	3858976.54	3.66E-03	3.58E-03	3.53E-03	1.27E-06	3.83E-06	2.22E-06	2.16E-06	1.96E-06	8.95E-07	8.83E-07	4.24E-08	1.02E-06	2.26E-07	2.94E-07	4.66E-07	8.21E-08	4.63E-07	2.60E-06
1234	489735.89	3858976.54	3.45E-03	3.37E-03	3.32E-03	1.19E-06	3.61E-06	2.09E-06	2.04E-06	1.85E-06	8.42E-07	8.31E-07	3.99E-08	9.63E-07	2.13E-07	2.77E-07	4.39E-07	7.73E-08	4.36E-07	2.44E-06
1235	489785.89	3858976.54	3.26E-03	3.19E-03	3.14E-03	1.13E-06	3.41E-06	1.98E-06	1.93E-06	1.75E-06	7.97E-07	7.87E-07	3.77E-08	9.11E-07	2.01E-07	2.62E-07	4.15E-07	7.32E-08	4.13E-07	2.31E-06
1236	489835.89	3858976.54	3.10E-03	3.02E-03	2.98E-03	1.07E-06	3.24E-06	1.87E-06	1.83E-06	1.66E-06	7.57E-07	7.47E-07	3.58E-08	8.65E-07	1.91E-07	2.48E-07	3.94E-07	6.94E-08	3.92E-07	2.20E-06
1237	489885.89	3858976.54	2.94E-03	2.87E-03	2.83E-03	1.02E-06	3.08E-06	1.78E-06	1.74E-06	1.58E-06	7.19E-07	7.09E-07	3.40E-08	8.22E-07	1.81E-07	2.36E-07	3.74E-07	6.60E-08	3.72E-07	2.09E-06
1238	489935.89	3858976.54	2.80E-03	2.74E-03	2.70E-03	9.71E-07	2.93E-06	1.70E-06	1.66E-06	1.50E-06	6.85E-07	6.76E-07	3.24E-08	7.83E-07	1.73E-07	2.25E-07	3.57E-07	6.29E-08	3.55E-07	1.99E-06
1239	489985.89	3858976.54	2.68E-03	2.61E-03	2.58E-03	9.28E-07	2.80E-06	1.62E-06	1.58E-06	1.43E-06	6.54E-07	6.46E-07	3.10E-08	7.48E-07	1.65E-07	2.15E-07	3.41E-07	6.01E-08	3.39E-07	1.90E-06
1240	490035.89	3858976.54	2.52E-03	2.46E-03	2.43E-03	8.74E-07	2.64E-06	1.53E-06	1.49E-06	1.35E-06	6.17E-07	6.08E-07	2.92E-08	7.05E-07	1.56E-07	2.02E-07	3.21E-07	5.66E-08	3.19E-07	1.79E-06
1241	489385.89	3859026.54	7.40E-03	7.22E-03	7.12E-03	2.56E-06	7.73E-06	4.48E-06	4.37E-06	3.96E-06	1.81E-06	1.78E-06	8.55E-08	2.07E-06	4.56E-07	5.93E-07	9.41E-07	1.66E-07	9.35E-07	5.24E-06
1242	489435.89	3859026.54	6.53E-03	6.37E-03	6.29E-03	2.26E-06	6.82E-06	3.95E-06	3.85E-06	3.49E-06	1.59E-06	1.57E-06	7.55E-08	1.82E-06	4.02E-07	5.23E-07	8.30E-07	1.46E-07	8.26E-07	4.63E-06
1243	489485.89	3859026.54	5.84E-03	5.70E-03	5.63E-03	2.02E-06	6.11E-06	3.54E-06	3.45E-06	3.13E-06	1.43E-06	1.41E-06	6.76E-08	1.63E-06	3.60E-07	4.69E-07	7.43E-07	1.31E-07	7.39E-07	4.14E-06
1244	489535.89	3859026.54	5.30E-03	5.17E-03	5.10E-03	1.83E-06	5.54E-06	3.20E-06	3.13E-06	2.83E-06	1.29E-06	1.28E-06	6.12E-08	1.48E-06	3.26E-07	4.25E-07	6.73E-07	1.19E-07	6.70E-07	3.75E-06
1245	489585.89	3859026.54	4.84E-03	4.72E-03	4.66E-03	1.68E-06	5.06E-06	2.93E-06	2.86E-06	2.59E-06	1.18E-06	1.17E-06	5.59E-08	1.35E-06	2.98E-07	3.88E-07	6.15E-07	1.08E-07	6.12E-07	3.43E-06
1246	489635.89	3859026.54	4.46E-03	4.35E-03	4.30E-03	1.54E-06	4.66E-06	2.70E-06	2.63E-06	2.39E-06	1.09E-06	1.08E-06	5.16E-08	1.25E-06	2.75E-07	3.58E-07	5.67E-07	1.00E-07	5.64E-07	3.16E-06
1247	489685.89	3859026.54	4.14E-03	4.04E-03	3.99E-03	1.43E-06	4.33E-06	2.51E-06	2.44E-06	2.22E-06	1.01E-06	9.98E-07	4.79E-08	1.16E-06	2.55E-07	3.32E-07	5.27E-07	9.28E-08	5.24E-07	2.93E-06
1248	489735.89	3859026.54	3.87E-03	3.78E-03	3.73E-03	1.34E-06	4.04E-06	2.34E-06	2.28E-06	2.07E-06	9.45E-07	9.32E-07	4.47E-08	1.08E-06	2.38E-07	3.10E-07	4.92E-07	8.67E-08	4.89E-07	2.74E-06
1249	489785.89	3859026.54	3.63E-03	3.54E-03	3.50E-03	1.26E-06	3.80E-06	2.20E-06	2.14E-06	1.94E-06	8.87E-07	8.75E-07	4.20E-08	1.01E-06	2.24E-07	2.91E-07	4.62E-07	8.14E-08	4.59E-07	2.57E-06
1250	489835.89	3859026.54	3.42E-03	3.33E-03	3.29E-03	1.18E-06	3.57E-06	2.07E-06	2.02E-06	1.83E-06	8.34E-07	8.23E-07	3.95E-08	9.54E-07	2.11E-07	2.74E-07	4.34E-07	7.66E-08	4.32E-07	2.42E-06
1251	489885.89	3859026.54	3.23E-03	3.15E-03	3.11E-03	1.12E-06	3.38E-06	1.95E-06	1.91E-06	1.73E-06	7.89E-07	7.79E-07	3.73E-08	9.02E-07	1.99E-07	2.59E-07	4.11E-07	7.24E-08	4.09E-07	2.29E-06
1252	489935.89	3859026.54	3.06E-03	2.99E-03	2.95E-03	1.06E-06	3.20E-06	1.85E-06	1.81E-06	1.64E-06	7.48E-07	7.38E-07	3.54E-08	8.55E-07	1.89E-07	2.46E-07	3.90E-07	6.87E-08	3.87E-07	2.17E-06
1253	489985.89	3859026.54	2.91E-03	2.84E-03	2.80E-03	1.01E-06	3.04E-06	1.76E-06	1.72E-06	1.56E-06	7.11E-07	7.02E-07	3.37E-08	8.13E-07	1.79E-07	2.33E-07	3.70E-07	6.53E-08	3.68E-07	2.06E-06
1254	490035.89	3859026.54	2.72E-03	2.65E-03	2.62E-03	9.42E-07	2.84E-06	1.65E-06	1.61E-06	1.46E-06	6.64E-07	6.55E-07	3.14E-08	7.59E-07	1.68E-07	2.18E-07	3.46E-07	6.10E-08	3.44E-07	1.93E-06
1255	489485.89	3859076.54	7.18E-03	7.01E-03	6.92E-03	2.49E-06	7.51E-06	4.35E-06	4.24E-06	3.84E-06	1.75E-06	1.73E-06	8.30E-08	2.01E-06	4.43E-07	5.76E-07	9.14E-07	1.61E-07	9.09E-07	5.09E-06
1256	489535.89	3859076.54	6.37E-03	6.21E-03	6.13E-03	2.20E-06	6.65E-06	3.85E-06	3.76E-06	3.41E-06	1.55E-06	1.53E-06	7.36E-08	1.78E-06	3.92E-07	5.10E-07	8.09E-07	1.43E-07	8.05E-07	4.51E-06
1257	489585.89	3859076.54	5.72E-03	5.58E-03	5.50E-03	1.98E-06	5.97E-06	3.46E-06	3.38E-06	3.06E-06	1.40E-06	1.38E-06	6.61E-08	1.60E-06	3.52E-07	4.58E-07	7.27E-07	1.28E-07	7.23E-07	4.05E-06
1258	489635.89	3859076.54	5.20E-03	5.07E-03	5.01E-03	1.80E-06	5.44E-06	3.15E-06	3.07E-06	2.78E-06	1.27E-06	1.25E-06	6.01E-08	1.45E-06	3.20E-07	4.17E-07	6.61E-07	1.17E-07	6.58E-07	3.68E-06

1259	489685.89	3859076.54	4.77E-03	4.66E-03	4.59E-03	1.65E-06	4.99E-06	2.89E-06	2.82E-06	2.55E-06	1.17E-06	1.15E-06	5.51E-08	1.33E-06	2.94E-07	3.82E-07	6.07E-07	1.07E-07	6.03E-07	3.38E-06
1260	489735.89	3859076.54	4.41E-03	4.30E-03	4.24E-03	1.53E-06	4.61E-06	2.67E-06	2.60E-06	2.36E-06	1.08E-06	1.06E-06	5.10E-08	1.23E-06	2.72E-07	3.53E-07	5.61E-07	9.88E-08	5.58E-07	3.12E-06
1261	489785.89	3859076.54	4.10E-03	4.00E-03	3.95E-03	1.42E-06	4.28E-06	2.48E-06	2.42E-06	2.19E-06	1.00E-06	9.88E-07	4.74E-08	1.14E-06	2.53E-07	3.29E-07	5.21E-07	9.19E-08	5.18E-07	2.90E-06
1262	489835.89	3859076.54	3.83E-03	3.73E-03	3.68E-03	1.32E-06	4.00E-06	2.32E-06	2.26E-06	2.05E-06	9.35E-07	9.22E-07	4.42E-08	1.07E-06	2.36E-07	3.07E-07	4.87E-07	8.58E-08	4.84E-07	2.71E-06
1263	489885.89	3859076.54	3.59E-03	3.50E-03	3.46E-03	1.24E-06	3.75E-06	2.17E-06	2.12E-06	1.92E-06	8.76E-07	8.65E-07	4.15E-08	1.00E-06	2.21E-07	2.88E-07	4.56E-07	8.04E-08	4.54E-07	2.54E-06
1264	489935.89	3859076.54	3.38E-03	3.30E-03	3.26E-03	1.17E-06	3.54E-06	2.05E-06	2.00E-06	1.81E-06	8.26E-07	8.16E-07	3.91E-08	9.45E-07	2.09E-07	2.71E-07	4.30E-07	7.58E-08	4.28E-07	2.40E-06
1265	489985.89	3859076.54	3.20E-03	3.12E-03	3.08E-03	1.11E-06	3.34E-06	1.93E-06	1.89E-06	1.71E-06	7.81E-07	7.70E-07	3.69E-08	8.92E-07	1.97E-07	2.56E-07	4.06E-07	7.16E-08	4.04E-07	2.26E-06
1266	490035.89	3859076.54	2.98E-03	2.91E-03	2.87E-03	1.03E-06	3.11E-06	1.80E-06	1.76E-06	1.59E-06	7.27E-07	7.18E-07	3.44E-08	8.32E-07	1.84E-07	2.39E-07	3.79E-07	6.68E-08	3.77E-07	2.11E-06
1267	489585.89	3859126.54	7.00E-03	6.83E-03	6.74E-03	2.42E-06	7.31E-06	4.23E-06	4.13E-06	3.75E-06	1.71E-06	1.69E-06	8.09E-08	1.95E-06	4.31E-07	5.61E-07	8.90E-07	1.57E-07	8.85E-07	4.96E-06
1268	489635.89	3859126.54	6.24E-03	6.08E-03	6.00E-03	2.16E-06	6.52E-06	3.77E-06	3.68E-06	3.34E-06	1.52E-06	1.50E-06	7.21E-08	1.74E-06	3.84E-07	5.00E-07	7.93E-07	1.40E-07	7.89E-07	4.42E-06
1269	489685.89	3859126.54	5.62E-03	5.49E-03	5.41E-03	1.95E-06	5.88E-06	3.40E-06	3.32E-06	3.01E-06	1.37E-06	1.35E-06	6.50E-08	1.57E-06	3.46E-07	4.51E-07	7.15E-07	1.26E-07	7.11E-07	3.98E-06
1270	489735.89	3859126.54	5.12E-03	5.00E-03	4.93E-03	1.77E-06	5.35E-06	3.10E-06	3.02E-06	2.74E-06	1.25E-06	1.23E-06	5.92E-08	1.43E-06	3.16E-07	4.11E-07	6.51E-07	1.15E-07	6.48E-07	3.63E-06
1271	489785.89	3859126.54	4.71E-03	4.59E-03	4.53E-03	1.63E-06	4.92E-06	2.85E-06	2.78E-06	2.52E-06	1.15E-06	1.13E-06	5.44E-08	1.31E-06	2.90E-07	3.77E-07	5.99E-07	1.05E-07	5.95E-07	3.33E-06
1272	489835.89	3859126.54	4.35E-03	4.24E-03	4.19E-03	1.51E-06	4.55E-06	2.63E-06	2.57E-06	2.33E-06	1.06E-06	1.05E-06	5.03E-08	1.21E-06	2.68E-07	3.49E-07	5.53E-07	9.75E-08	5.50E-07	3.08E-06
1273	489885.89	3859126.54	4.04E-03	3.94E-03	3.89E-03	1.40E-06	4.22E-06	2.44E-06	2.39E-06	2.16E-06	9.87E-07	9.73E-07	4.67E-08	1.13E-06	2.49E-07	3.24E-07	5.14E-07	9.05E-08	5.11E-07	2.86E-06
1274	489935.89	3859126.54	3.78E-03	3.69E-03	3.64E-03	1.31E-06	3.95E-06	2.29E-06	2.23E-06	2.02E-06	9.23E-07	9.11E-07	4.37E-08	1.06E-06	2.33E-07	3.03E-07	4.81E-07	8.47E-08	4.78E-07	2.68E-06
1275	489985.89	3859126.54	3.53E-03	3.45E-03	3.40E-03	1.22E-06	3.69E-06	2.14E-06	2.09E-06	1.89E-06	8.63E-07	8.51E-07	4.08E-08	9.86E-07	2.18E-07	2.83E-07	4.49E-07	7.92E-08	4.47E-07	2.50E-06
1276	490035.89	3859126.54	3.30E-03	3.22E-03	3.18E-03	1.14E-06	3.45E-06	2.00E-06	1.95E-06	1.77E-06	8.06E-07	7.95E-07	3.81E-08	9.21E-07	2.03E-07	2.64E-07	4.20E-07	7.39E-08	4.17E-07	2.34E-06
1277	489585.89	3859176.54	8.99E-03	8.78E-03	8.66E-03	3.11E-06	9.40E-06	5.44E-06	5.31E-06	4.81E-06	2.20E-06	2.17E-06	1.04E-07	2.51E-06	5.54E-07	7.21E-07	1.14E-06	2.02E-07	1.14E-06	6.37E-06
1278	489635.89	3859176.54	7.77E-03	7.58E-03	7.48E-03	2.69E-06	8.12E-06	4.70E-06	4.59E-06	4.16E-06	1.90E-06	1.87E-06	8.98E-08	2.17E-06	4.79E-07	6.23E-07	9.88E-07	1.74E-07	9.83E-07	5.51E-06
1279	489685.89	3859176.54	6.85E-03	6.68E-03	6.59E-03	2.37E-06	7.16E-06	4.14E-06	4.04E-06	3.67E-06	1.67E-06	1.65E-06	7.92E-08	1.91E-06	4.22E-07	5.49E-07	8.71E-07	1.53E-07	8.66E-07	4.85E-06
1280	489735.89	3859176.54	6.12E-03	5.98E-03	5.90E-03	2.12E-06	6.40E-06	3.71E-06	3.62E-06	3.28E-06	1.50E-06	1.48E-06	7.08E-08	1.71E-06	3.77E-07	4.91E-07	7.79E-07	1.37E-07	7.75E-07	4.34E-06
1281	489785.89	3859176.54	5.53E-03	5.40E-03	5.32E-03	1.91E-06	5.78E-06	3.35E-06	3.26E-06	2.96E-06	1.35E-06	1.33E-06	6.39E-08	1.54E-06	3.41E-07	4.43E-07	7.03E-07	1.24E-07	6.99E-07	3.92E-06
1282	489835.89	3859176.54	5.04E-03	4.92E-03	4.86E-03	1.75E-06	5.27E-06	3.05E-06	2.98E-06	2.70E-06	1.23E-06	1.22E-06	5.83E-08	1.41E-06	3.11E-07	4.04E-07	6.41E-07	1.13E-07	6.38E-07	3.57E-06
1283	489885.89	3859176.54	4.63E-03	4.52E-03	4.46E-03	1.60E-06	4.84E-06	2.80E-06	2.74E-06	2.48E-06	1.13E-06	1.12E-06	5.35E-08	1.29E-06	2.85E-07	3.71E-07	5.89E-07	1.04E-07	5.86E-07	3.28E-06
1284	489935.89	3859176.54	4.29E-03	4.19E-03	4.13E-03	1.49E-06	4.48E-06	2.60E-06	2.53E-06	2.30E-06	1.05E-06	1.03E-06	4.96E-08	1.20E-06	2.64E-07	3.44E-07	5.46E-07	9.62E-08	5.43E-07	3.04E-06
1285	489985.89	3859176.54	3.97E-03	3.88E-03	3.82E-03	1.37E-06	4.15E-06	2.40E-06	2.34E-06	2.13E-06	9.70E-07	9.57E-07	4.59E-08	1.11E-06	2.45E-07	3.18E-07	5.05E-07	8.90E-08	5.02E-07	2.81E-06
1286	490035.89	3859176.54	3.72E-03	3.63E-03	3.58E-03	1.29E-06	3.89E-06	2.25E-06	2.20E-06	1.99E-06	9.09E-07	8.97E-07	4.30E-08	1.04E-06	2.29E-07	2.98E-07	4.73E-07	8.34E-08	4.71E-07	2.64E-06
1287	489685.89	3859226.54	8.74E-03	8.53E-03	8.41E-03	3.02E-06	9.13E-06	5.29E-06	5.16E-06	4.68E-06	2.13E-06	2.11E-06	1.01E-07	2.44E-06	5.38E-07	7.00E-07	1.11E-06	1.96E-07	1.11E-06	6.19E-06
1288	489735.89	3859226.54	7.60E-03	7.42E-03	7.32E-03	2.63E-06	7.94E-06	4.60E-06	4.49E-06	4.07E-06	1.86E-06	1.83E-06	8.79E-08	2.12E-06	4.68E-07	6.09E-07	9.67E-07	1.70E-07	9.61E-07	5.39E-06
1289	489785.89	3859226.54	6.71E-03	6.55E-03	6.46E-03	2.32E-06	7.01E-06	4.06E-06	3.96E-06	3.59E-06	1.64E-06	1.62E-06	7.76E-08	1.87E-06	4.14E-07	5.38E-07	8.53E-07	1.50E-07	8.49E-07	4.76E-06
1290	489835.89	3859226.54	6.00E-03	5.85E-03	5.78E-03	2.08E-06	6.27E-06	3.63E-06	3.54E-06	3.21E-06	1.47E-06	1.45E-06	6.93E-08	1.68E-06	3.70E-07	4.81E-07	7.63E-07	1.34E-07	7.59E-07	4.25E-06
1291	489885.89	3859226.54	5.43E-03	5.30E-03	5.23E-03	1.88E-06	5.68E-06	3.29E-06	3.21E-06	2.91E-06	1.33E-06	1.31E-06	6.28E-08	1.52E-06	3.35E-07	4.35E-07	6.91E-07	1.22E-07	6.87E-07	3.85E-06
1292	489935.89	3859226.54	4.96E-03	4.84E-03	4.77E-03	1.72E-06	5.18E-06	3.00E-06	2.93E-06	2.65E-06	1.21E-06	1.19E-06	5.73E-08	1.38E-06	3.05E-07	3.97E-07	6.30E-07	1.11E-07	6.27E-07	3.51E-06
1293	489985.89	3859226.54	4.52E-03	4.41E-03	4.36E-03	1.57E-06	4.73E-06	2.74E-06	2.67E-06	2.42E-06	1.10E-06	1.09E-06	5.23E-08	1.26E-06	2.79E-07	3.63E-07	5.75E-07	1.01E-07	5.72E-07	3.21E-06
1294	490035.89	3859226.54	4.21E-03	4.10E-03	4.05E-03	1.46E-06	4.40E-06	2.55E-06	2.48E-06	2.25E-06	1.03E-06	1.01E-06	4.86E-08	1.17E-06	2.59E-07	3.37E-07	5.35E-07	9.43E-08	5.32E-07	2.98E-06
1295	489735.89	3859276.54	1.00E-02	9.77E-03	9.64E-03	3.46E-06	1.05E-05	6.06E-06	5.91E-06	5.36E-06	2.44E-06	2.41E-06	1.16E-07	2.79E-06	6.17E-07	8.02E-07	1.27E-06	2.24E-07	1.27E-06	7.09E-06
1296	489785.89	3859276.54	8.53E-03	8.33E-03	8.22E-03	2.95E-06	8.92E-06	5.16E-06	5.04E-06	4.57E-06	2.08E-06	2.06E-06	9.87E-08	2.38E-06	5.26E-07	6.84E-07	1.09E-06	1.91E-07	1.08E-06	6.05E-06
1297	489835.89	3859276.54	7.41E-03	7.23E-03	7.14E-03	2.57E-06	7.75E-06	4.48E-06	4.38E-06	3.97E-06	1.81E-06	1.79E-06	8.57E-08	2.07E-06	4.57E-07	5.94E-07	9.43E-07	1.66E-07	9.37E-07	5.25E-06
1298	489885.89	3859276.54	6.57E-03	6.41E-03	6.32E-03	2.27E-06	6.86E-06	3.97E-06	3.88E-06	3.51E-06	1.60E-06	1.58E-06	7.59E-08	1.83E-06	4.05E-07	5.26E-07	8.35E-07	1.47E-07	8.31E-07	4.65E-06
1299	489935.89	3859276.54	5.88E-03	5.74E-03	5.66E-03	2.03E-06	6.14E-06	3.56E-06	3.47E-06	3.15E-06	1.44E-06	1.42E-06	6.80E-08	1.64E-06	3.62E-07	4.71E-07	7.48E-07	1.32E-07	7.43E-07	4.17E-06
1300	489985.89	3859276.54	5.27E-03	5.14E-03	5.07E-03	1.82E-06	5.50E-06	3.19E-06	3.11E-06	2.82E-06	1.29E-06	1.27E-06	6.09E-08	1.47E-06	3.24E-07	4.22E-07	6.70E-07	1.18E-07	6.66E-07	3.73E-06
1301	490035.89	3859276.54	4.86E-03	4.75E-03	4.68E-03	1.68E-06	5.08E-06	2.94E-06	2.87E-06	2.60E-06	1.19E-06	1.17E-06	5.62E-08	1.36E-06	3.00E-07	3.90E-07	6.19E-07	1.09E-07	6.15E-07	3.45E-06
1302	490458.06	3859590.74	8.29E-03	8.09E-03	7.98E-03	2.87E-06	8.67E-06	5.02E-06	4.90E-06	4.44E-06	2.03E-06	2.00E-06	9.59E-08	2.32E-06	5.11E-07	6.65E-07	1.05E-06	1.86E-07	1.05E-06	5.88E-06
1303	490508.06	3859590.74	7.33E-03	7.16E-03	7.06E-03	2.54E-06	7.66E-06	4.44E-06	4.33E-06	3.92E-06	1.79E-06	1.77E-06	8.48E-08	2.05E-06	4.52E-07	5.88E-07	9.33E-07	1.64E-07	9.27E-07	5.20E-06
1304	490558.06	3859590.74	6.53E-03	6.37E-03	6.29E-03	2.26E-06	6.83E-06	3.95E-06	3.86E-06	3.50E-06	1.60E-06	1.57E-06	7.55E-08	1.82E-06	4.02E-07	5.24E-07	8.31E-07	1.46E-07	8.26E-07	4.63E-06
1305	490608.06	3859590.74	5.87E-03	5.73E-03	5.65E-03	2.03E-06	6.14E-06	3.55E-06	3.47E-06	3.14E-06	1.43E-06	1.41E-06	6.79E-08	1.64E-06	3.62E-07	4.71E-07	7.47E-07	1.32E-07	7.42E-07	4.16E-06
1306	490658.06	3859590.74	5.32E-03	5.19E-03	5.12E-03	1.84E-06	5.56E-06	3.22E-06	3.14E-06	2.85E-06	1.30E-06	1.28E-06	6.15E-08	1.48E-06	3.28E-07	4.26E-07	6.76E-07	1.19E-07	6.72E-07	3.77E-06
1307	490708.06	3859590.74	4.84E-03	4.73E-03	4.66E-03	1.68E-06	5.06E-06	2.93E-06	2.86E-06	2.59E-06	1.18E-06	1.17E-06	5.60E-08	1.35E-06	2.98E-07	3.88E-07	6.16E-07	1.09E-07	6.12E-07	3.43E-06
1308	490758.06	3859590.74	4.42E-03	4.31E-03	4.26E-03	1.53E-06	4.62E-06	2.67E-06	2.61E-06	2.37E-06	1.08E-06	1.07E-06	5.11E-08	1.23E-06	2.72E-07	3.54E-07	5.62E-07	9.91E-08	5.59E-07	3.13E-06
1309	490808.06	3859590.74	4.08E-03	3.99E-03	3.93E-03	1.41E-06	4.27E-06	2.47E-06	2.41E-06	2.19E-06	9.98E-07	9.84E-07	4.72E-08	1.14E-06	2.52E-07	3.27E-07	5.19E-07	9.15E-08	5.17E-07	2.89E-06
1310	490858.06	3859590.74	3.78E-03	3.69E-03	3.64E-03	1.31E-06	3.95E-06	2.29E-06	2.23E-06	2.02E-06	9.23E-07	9.11E-07	4.37E-08	1.06E-06	2.33E-07	3.03E-07	4.81E-07	8.47E-08	4.78E-07	2.68E-06
1311	490458.06	3859640.74	1.20E-02	1.17E-02	1.16E-02	4.16E-06	1.26E-05	7.27E-06	7.09E-06	6.43E-06	2.93E-06	2.89E-06	1.39E-07	3.35E-06	7.40E-07	9.63E-07	1.53E-06	2.69E-07	1.52E-06	8.51E-06
1312	490508.06	3859640.74	1.02E-02	9.97E-03	9.84E-03	3.54E-06	1.07E-05	6.18E-06	6.03E-06	5.47E-06	2.50E-06	2.46E-06	1.18E-07	2.85E-06	6.30E-07	8.19E-07	1.30E-06	2.29E-07	1.29E-06	7.24E-06
1313	490558.06	3859640.74	8.86E-03	8.64E-03	8.53E-03	3.07E-06	9.26E-06	5.36E-06	5.23E-06	4.74E-06	2.16E-06	2.13E-06	1.02E-07	2.47E-06	5.46E-07	7.10E-07	1.13E-06	1.99E-07	1.12E-06	6.28E-06

1314	490608.06	3859640.74	7.69E-03	7.50E-03	7.41E-03	2.66E-06	8.04E-06	4.65E-06	4.54E-06	4.12E-06	1.88E-06	1.85E-06	8.89E-08	2.15E-06	4.74E-07	6.17E-07	9.78E-07	1.72E-07	9.73E-07	5.45E-06
1315	490658.06	3859640.74	6.74E-03	6.58E-03	6.49E-03	2.33E-06	7.05E-06	4.08E-06	3.98E-06	3.61E-06	1.65E-06	1.63E-06	7.80E-08	1.88E-06	4.16E-07	5.41E-07	8.58E-07	1.51E-07	8.53E-07	4.78E-06
1316	490708.06	3859640.74	6.03E-03	5.88E-03	5.80E-03	2.09E-06	6.30E-06	3.65E-06	3.56E-06	3.23E-06	1.47E-06	1.45E-06	6.97E-08	1.68E-06	3.71E-07	4.83E-07	7.66E-07	1.35E-07	7.62E-07	4.27E-06
1317	490758.06	3859640.74	5.41E-03	5.28E-03	5.21E-03	1.87E-06	5.66E-06	3.27E-06	3.19E-06	2.90E-06	1.32E-06	1.30E-06	6.25E-08	1.51E-06	3.33E-07	4.34E-07	6.88E-07	1.21E-07	6.84E-07	3.83E-06
1318	490808.06	3859640.74	4.94E-03	4.82E-03	4.76E-03	1.71E-06	5.17E-06	2.99E-06	2.92E-06	2.65E-06	1.21E-06	1.19E-06	5.72E-08	1.38E-06	3.05E-07	3.96E-07	6.29E-07	1.11E-07	6.25E-07	3.50E-06
1319	490858.06	3859640.74	4.55E-03	4.44E-03	4.38E-03	1.57E-06	4.75E-06	2.75E-06	2.68E-06	2.43E-06	1.11E-06	1.10E-06	5.26E-08	1.27E-06	2.80E-07	3.65E-07	5.78E-07	1.02E-07	5.75E-07	3.22E-06
1320	490608.06	3859690.74	1.09E-02	1.07E-02	1.05E-02	3.79E-06	1.14E-05	6.62E-06	6.46E-06	5.86E-06	2.67E-06	2.64E-06	1.26E-07	3.06E-06	6.74E-07	8.77E-07	1.39E-06	2.45E-07	1.38E-06	7.75E-06
1321	490658.06	3859690.74	9.17E-03	8.95E-03	8.83E-03	3.18E-06	9.59E-06	5.55E-06	5.42E-06	4.91E-06	2.24E-06	2.21E-06	1.06E-07	2.56E-06	5.65E-07	7.35E-07	1.17E-06	2.06E-07	1.16E-06	6.50E-06
1322	490708.06	3859690.74	7.92E-03	7.73E-03	7.63E-03	2.74E-06	8.28E-06	4.79E-06	4.68E-06	4.24E-06	1.94E-06	1.91E-06	9.16E-08	2.21E-06	4.88E-07	6.35E-07	1.01E-06	1.78E-07	1.00E-06	5.61E-06
1323	490758.06	3859690.74	6.93E-03	6.76E-03	6.67E-03	2.40E-06	7.24E-06	4.19E-06	4.09E-06	3.71E-06	1.69E-06	1.67E-06	8.01E-08	1.93E-06	4.27E-07	5.55E-07	8.81E-07	1.55E-07	8.76E-07	4.91E-06
1324	490808.06	3859690.74	6.17E-03	6.02E-03	5.94E-03	2.14E-06	6.45E-06	3.73E-06	3.64E-06	3.30E-06	1.51E-06	1.49E-06	7.13E-08	1.72E-06	3.80E-07	4.95E-07	7.85E-07	1.38E-07	7.81E-07	4.37E-06
1325	490858.06	3859690.74	5.64E-03	5.51E-03	5.43E-03	1.95E-06	5.90E-06	3.41E-06	3.33E-06	3.02E-06	1.38E-06	1.36E-06	6.52E-08	1.58E-06	3.48E-07	4.52E-07	7.18E-07	1.26E-07	7.14E-07	4.00E-06
1326	490708.06	3859740.74	1.15E-02	1.12E-02	1.11E-02	3.99E-06	1.20E-05	6.97E-06	6.80E-06	6.16E-06	2.81E-06	2.78E-06	1.33E-07	3.22E-06	7.10E-07	9.23E-07	1.46E-06	2.58E-07	1.46E-06	8.16E-06
1327	490758.06	3859740.74	9.77E-03	9.54E-03	9.41E-03	3.38E-06	1.02E-05	5.91E-06	5.77E-06	5.23E-06	2.39E-06	2.36E-06	1.13E-07	2.73E-06	6.02E-07	7.83E-07	1.24E-06	2.19E-07	1.24E-06	6.93E-06
1328	490808.06	3859740.74	8.43E-03	8.22E-03	8.11E-03	2.92E-06	8.81E-06	5.10E-06	4.98E-06	4.51E-06	2.06E-06	2.03E-06	9.74E-08	2.35E-06	5.19E-07	6.76E-07	1.07E-06	1.89E-07	1.07E-06	5.97E-06
1329	490858.06	3859740.74	7.42E-03	7.24E-03	7.15E-03	2.57E-06	7.76E-06	4.49E-06	4.38E-06	3.97E-06	1.81E-06	1.79E-06	8.58E-08	2.07E-06	4.57E-07	5.95E-07	9.44E-07	1.66E-07	9.39E-07	5.26E-06
1330	490786.56	3859749.39	9.57E-03	9.34E-03	9.21E-03	3.31E-06	1.00E-05	5.79E-06	5.65E-06	5.12E-06	2.34E-06	2.31E-06	1.11E-07	2.67E-06	5.90E-07	7.67E-07	1.22E-06	2.14E-07	1.21E-06	6.78E-06
1331	490836.56	3859749.39	8.28E-03	8.08E-03	7.97E-03	2.87E-06	8.65E-06	5.01E-06	4.89E-06	4.43E-06	2.02E-06	1.99E-06	9.57E-08	2.31E-06	5.10E-07	6.64E-07	1.05E-06	1.86E-07	1.05E-06	5.87E-06
1332	490786.56	3859799.39	1.53E-02	1.50E-02	1.48E-02	5.31E-06	1.60E-05	9.28E-06	9.06E-06	8.21E-06	3.75E-06	3.70E-06	1.77E-07	4.28E-06	9.45E-07	1.23E-06	1.95E-06	3.44E-07	1.94E-06	1.09E-05
1333	490836.56	3859799.39	1.24E-02	1.21E-02	1.19E-02	4.29E-06	1.29E-05	7.49E-06	7.31E-06	6.63E-06	3.02E-06	2.98E-06	1.43E-07	3.46E-06	7.63E-07	9.93E-07	1.57E-06	2.77E-07	1.57E-06	8.77E-06
1334	492307.84	3854508.36	3.97E-04	3.88E-04	3.83E-04	1.38E-07	4.15E-07	2.40E-07	2.35E-07	2.13E-07	9.71E-08	9.58E-08	4.59E-09	1.11E-07	2.45E-08	3.19E-08	5.05E-08	8.91E-09	5.03E-08	2.82E-07
1335	486445.7	3854753.6	7.94E-04	7.75E-04	7.65E-04	2.75E-07	8.30E-07	4.80E-07	4.69E-07	4.25E-07	1.94E-07	1.91E-07	9.18E-09	2.22E-07	4.89E-08	6.37E-08	1.01E-07	1.78E-08	1.00E-07	5.63E-07
1336	472599.75	3877830.11	3.32E-05	3.24E-05	3.20E-05	1.15E-08	3.47E-08	2.01E-08	1.96E-08	1.78E-08	8.11E-09	8.00E-09	3.84E-10	9.27E-09	2.04E-09	2.66E-09	4.22E-09	7.44E-10	4.20E-09	2.35E-08
1337	493107.48	3866840.19	7.30E-05	7.13E-05	7.03E-05	2.53E-08	7.63E-08	4.42E-08	4.31E-08	3.91E-08	1.78E-08	1.76E-08	8.44E-10	2.04E-08	4.50E-09	5.85E-09	9.29E-09	1.64E-09	9.23E-09	5.17E-08
1338	495815.79	3861662.87	3.20E-03	3.12E-03	3.08E-03	1.11E-06	3.34E-06	1.93E-06	1.89E-06	1.71E-06	7.80E-07	7.70E-07	3.69E-08	8.92E-07	1.97E-07	2.56E-07	4.06E-07	7.16E-08	4.04E-07	2.26E-06
1339	480272.33	3841389.2	6.02E-05	5.87E-05	5.79E-05	2.08E-08	6.29E-08	3.64E-08	3.55E-08	3.22E-08	1.47E-08	1.45E-08	6.95E-10	1.68E-08	3.71E-09	4.82E-09	7.65E-09	1.35E-09	7.61E-09	4.26E-08
1340	497005.18	3862813.64	1.11E-03	1.09E-03	1.07E-03	3.85E-07	1.16E-06	6.74E-07	6.57E-07	5.96E-07	2.72E-07	2.68E-07	1.29E-08	3.11E-07	6.86E-08	8.93E-08	1.42E-07	2.50E-08	1.41E-07	7.89E-07
1341	493677.33	3860302.55	1.22E-03	1.19E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.21E-07	6.53E-07	2.98E-07	2.94E-07	1.41E-08	3.41E-07	7.52E-08	9.78E-08	1.55E-07	2.74E-08	1.54E-07	8.65E-07
1342	493727.33	3860302.55	1.20E-03	1.17E-03	1.15E-03	4.15E-07	1.25E-06	7.26E-07	7.08E-07	6.42E-07	2.93E-07	2.89E-07	1.39E-08	3.35E-07	7.39E-08	9.61E-08	1.53E-07	2.69E-08	1.52E-07	8.50E-07
1343	493777.33	3860302.55	1.18E-03	1.15E-03	1.13E-03	4.07E-07	1.23E-06	7.12E-07	6.95E-07	6.30E-07	2.87E-07	2.84E-07	1.36E-08	3.29E-07	7.25E-08	9.44E-08	1.50E-07	2.64E-08	1.49E-07	8.34E-07
1344	493827.33	3860302.55	1.16E-03	1.13E-03	1.11E-03	4.00E-07	1.21E-06	6.99E-07	6.82E-07	6.18E-07	2.82E-07	2.78E-07	1.34E-08	3.23E-07	7.12E-08	9.26E-08	1.47E-07	2.59E-08	1.46E-07	8.19E-07
1345	493877.33	3860302.55	1.14E-03	1.11E-03	1.10E-03	3.94E-07	1.19E-06	6.89E-07	6.72E-07	6.09E-07	2.78E-07	2.74E-07	1.32E-08	3.18E-07	7.01E-08	9.13E-08	1.45E-07	2.55E-08	1.44E-07	8.07E-07
1346	493927.33	3860302.55	1.12E-03	1.10E-03	1.08E-03	3.89E-07	1.18E-06	6.80E-07	6.64E-07	6.02E-07	2.75E-07	2.71E-07	1.30E-08	3.14E-07	6.93E-08	9.01E-08	1.43E-07	2.52E-08	1.42E-07	7.97E-07
1347	493977.33	3860302.55	1.09E-03	1.07E-03	1.05E-03	3.79E-07	1.14E-06	6.62E-07	6.46E-07	5.86E-07	2.67E-07	2.64E-07	1.27E-08	3.06E-07	6.74E-08	8.77E-08	1.39E-07	2.45E-08	1.38E-07	7.76E-07
1348	494027.33	3860302.55	1.07E-03	1.05E-03	1.03E-03	3.72E-07	1.12E-06	6.49E-07	6.34E-07	5.74E-07	2.62E-07	2.59E-07	1.24E-08	3.00E-07	6.61E-08	8.60E-08	1.36E-07	2.41E-08	1.36E-07	7.61E-07
1349	493677.33	3860352.55	1.26E-03	1.23E-03	1.21E-03	4.36E-07	1.32E-06	7.62E-07	7.43E-07	6.74E-07	3.08E-07	3.03E-07	1.46E-08	3.52E-07	7.76E-08	1.01E-07	1.60E-07	2.82E-08	1.59E-07	8.92E-07
1350	493727.33	3860352.55	1.24E-03	1.21E-03	1.19E-03	4.29E-07	1.30E-06	7.50E-07	7.32E-07	6.63E-07	3.03E-07	2.99E-07	1.43E-08	3.46E-07	7.64E-08	9.94E-08	1.58E-07	2.78E-08	1.57E-07	8.78E-07
1351	493777.33	3860352.55	1.22E-03	1.19E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.21E-07	6.53E-07	2.98E-07	2.94E-07	1.41E-08	3.41E-07	7.52E-08	9.78E-08	1.55E-07	2.74E-08	1.54E-07	8.65E-07
1352	493827.33	3860352.55	1.20E-03	1.17E-03	1.16E-03	4.15E-07	1.25E-06	7.26E-07	7.09E-07	6.42E-07	2.93E-07	2.89E-07	1.39E-08	3.35E-07	7.40E-08	9.62E-08	1.53E-07	2.69E-08	1.52E-07	8.51E-07
1353	493877.33	3860352.55	1.18E-03	1.15E-03	1.13E-03	4.08E-07	1.23E-06	7.13E-07	6.95E-07	6.30E-07	2.88E-07	2.84E-07	1.36E-08	3.29E-07	7.26E-08	9.44E-08	1.50E-07	2.64E-08	1.49E-07	8.35E-07
1354	493927.33	3860352.55	1.15E-03	1.12E-03	1.11E-03	3.99E-07	1.20E-06	6.97E-07	6.80E-07	6.17E-07	2.81E-07	2.78E-07	1.33E-08	3.22E-07	7.10E-08	9.24E-08	1.47E-07	2.58E-08	1.46E-07	8.16E-07
1355	493977.33	3860352.55	1.12E-03	1.10E-03	1.08E-03	3.89E-07	1.18E-06	6.81E-07	6.64E-07	6.02E-07	2.75E-07	2.71E-07	1.30E-08	3.14E-07	6.93E-08	9.02E-08	1.43E-07	2.52E-08	1.42E-07	7.97E-07
1356	494027.33	3860352.55	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.54E-07	5.93E-07	2.71E-07	2.67E-07	1.28E-08	3.09E-07	6.83E-08	8.88E-08	1.41E-07	2.48E-08	1.40E-07	7.85E-07
1357	493677.33	3860402.55	1.31E-03	1.28E-03	1.26E-03	4.53E-07	1.37E-06	7.91E-07	7.72E-07	7.00E-07	3.19E-07	3.15E-07	1.51E-08	3.65E-07	8.06E-08	1.05E-07	1.66E-07	2.93E-08	1.65E-07	9.27E-07
1358	493727.33	3860402.55	1.29E-03	1.26E-03	1.24E-03	4.45E-07	1.35E-06	7.79E-07	7.60E-07	6.89E-07	3.14E-07	3.10E-07	1.49E-08	3.59E-07	7.93E-08	1.03E-07	1.64E-07	2.88E-08	1.63E-07	9.12E-07
1359	493777.33	3860402.55	1.25E-03	1.22E-03	1.21E-03	4.34E-07	1.31E-06	7.59E-07	7.40E-07	6.71E-07	3.06E-07	3.02E-07	1.45E-08	3.50E-07	7.72E-08	1.01E-07	1.59E-07	2.81E-08	1.59E-07	8.88E-07
1360	493827.33	3860402.55	1.24E-03	1.21E-03	1.19E-03	4.29E-07	1.29E-06	7.50E-07	7.31E-07	6.63E-07	3.03E-07	2.99E-07	1.43E-08	3.46E-07	7.63E-08	9.93E-08	1.58E-07	2.78E-08	1.57E-07	8.78E-07
1361	493877.33	3860402.55	1.22E-03	1.19E-03	1.17E-03	4.22E-07	1.27E-06	7.38E-07	7.20E-07	6.53E-07	2.98E-07	2.94E-07	1.41E-08	3.41E-07	7.52E-08	9.78E-08	1.55E-07	2.73E-08	1.54E-07	8.64E-07
1362	493927.33	3860402.55	1.19E-03	1.16E-03	1.14E-03	4.12E-07	1.24E-06	7.19E-07	7.02E-07	6.36E-07	2.90E-07	2.87E-07	1.37E-08	3.32E-07	7.33E-08	9.53E-08	1.51E-07	2.66E-08	1.50E-07	8.43E-07
1363	493977.33	3860402.55	1.16E-03	1.13E-03	1.12E-03	4.01E-07	1.21E-06	7.01E-07	6.84E-07	6.20E-07	2.83E-07	2.79E-07	1.34E-08	3.24E-07	7.14E-08	9.29E-08	1.47E-07	2.60E-08	1.47E-07	8.21E-07
1364	494027.33	3860402.55	1.14E-03	1.12E-03	1.10E-03	3.96E-07	1.20E-06	6.92E-07	6.76E-07	6.12E-07	2.79E-07	2.76E-07	1.32E-08	3.19E-07	7.05E-08	9.17E-08	1.46E-07	2.56E-08	1.45E-07	8.11E-07
1365	493677.33	3860452.55	1.35E-03	1.32E-03	1.30E-03	4.67E-07	1.41E-06	8.17E-07	7.97E-07	7.23E-07	3.30E-07	3.25E-07	1.56E-08	3.77E-07	8.32E-08	1.08E-07	1.72E-07	3.03E-08	1.71E-07	9.57E-07
1366	493727.33	3860452.55	1.34E-03	1.30E-03	1.29E-03	4.63E-07	1.40E-06	8.09E-07	7.90E-07	7.16E-07	3.27E-07	3.22E-07	1.55E-08	3.73E-07	8.24E-08	1.07E-07	1.70E-07	3.00E-08	1.69E-07	9.48E-07
1367	493777.33	3860452.55	1.31E-03	1.28E-03	1.27E-03	4.55E-07	1.37E-06	7.95E-07	7.76E-07	7.03E-07	3.21E-07	3.17E-07	1.52E-08	3.67E-07	8.10E-08	1.05E-07	1.67E-07	2.94E-08	1.66E-07	9.31E-07
1368	493827.33	3860452.55	1.28E-03	1.25E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.58E-07	6.87E-07	3.14E-07	3.09E-07	1.48E-08	3.59E-07	7.91E-08	1.03E-07	1.63E-07	2.88E-08	1.62E-07	9.10E-07

1369	493877.33	3860452.55	1.26E-03	1.23E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.42E-07	6.73E-07	3.07E-07	3.03E-07	1.45E-08	3.51E-07	7.75E-08	1.01E-07	1.60E-07	2.82E-08	1.59E-07	8.91E-07
1370	493927.33	3860452.55	1.22E-03	1.19E-03	1.18E-03	4.23E-07	1.28E-06	7.40E-07	7.22E-07	6.54E-07	2.99E-07	2.95E-07	1.41E-08	3.41E-07	7.53E-08	9.80E-08	1.55E-07	2.74E-08	1.55E-07	8.66E-07
1371	493977.33	3860452.55	1.20E-03	1.17E-03	1.16E-03	4.16E-07	1.26E-06	7.28E-07	7.10E-07	6.44E-07	2.94E-07	2.90E-07	1.39E-08	3.36E-07	7.41E-08	9.64E-08	1.53E-07	2.70E-08	1.52E-07	8.53E-07
1372	494027.33	3860452.55	1.18E-03	1.16E-03	1.14E-03	4.10E-07	1.24E-06	7.17E-07	7.00E-07	6.34E-07	2.89E-07	2.86E-07	1.37E-08	3.31E-07	7.30E-08	9.50E-08	1.51E-07	2.66E-08	1.50E-07	8.40E-07
1373	493677.33	3860502.55	1.40E-03	1.37E-03	1.35E-03	4.85E-07	1.46E-06	8.47E-07	8.27E-07	7.49E-07	3.42E-07	3.37E-07	1.62E-08	3.91E-07	8.63E-08	1.12E-07	1.78E-07	3.14E-08	1.77E-07	9.92E-07
1374	493727.33	3860502.55	1.38E-03	1.35E-03	1.33E-03	4.78E-07	1.44E-06	8.36E-07	8.16E-07	7.40E-07	3.38E-07	3.33E-07	1.60E-08	3.86E-07	8.51E-08	1.11E-07	1.76E-07	3.10E-08	1.75E-07	9.79E-07
1375	493777.33	3860502.55	1.36E-03	1.32E-03	1.31E-03	4.70E-07	1.42E-06	8.21E-07	8.02E-07	7.27E-07	3.32E-07	3.27E-07	1.57E-08	3.79E-07	8.36E-08	1.09E-07	1.73E-07	3.04E-08	1.72E-07	9.62E-07
1376	493827.33	3860502.55	1.33E-03	1.30E-03	1.28E-03	4.62E-07	1.39E-06	8.07E-07	7.87E-07	7.14E-07	3.26E-07	3.21E-07	1.54E-08	3.72E-07	8.22E-08	1.07E-07	1.70E-07	2.99E-08	1.69E-07	9.45E-07
1377	493877.33	3860502.55	1.30E-03	1.27E-03	1.25E-03	4.51E-07	1.36E-06	7.88E-07	7.69E-07	6.97E-07	3.18E-07	3.14E-07	1.51E-08	3.64E-07	8.03E-08	1.04E-07	1.66E-07	2.92E-08	1.65E-07	9.23E-07
1378	493927.33	3860502.55	1.27E-03	1.24E-03	1.22E-03	4.40E-07	1.33E-06	7.69E-07	7.50E-07	6.80E-07	3.10E-07	3.06E-07	1.47E-08	3.55E-07	7.83E-08	1.02E-07	1.62E-07	2.85E-08	1.61E-07	9.00E-07
1379	493977.33	3860502.55	1.25E-03	1.22E-03	1.21E-03	4.33E-07	1.31E-06	7.58E-07	7.39E-07	6.70E-07	3.06E-07	3.02E-07	1.45E-08	3.50E-07	7.71E-08	1.00E-07	1.59E-07	2.81E-08	1.58E-07	8.87E-07
1380	494027.33	3860502.55	1.23E-03	1.20E-03	1.19E-03	4.26E-07	1.29E-06	7.45E-07	7.27E-07	6.59E-07	3.01E-07	2.97E-07	1.42E-08	3.44E-07	7.58E-08	9.87E-08	1.57E-07	2.76E-08	1.56E-07	8.72E-07
1381	493627.33	3860552.55	1.48E-03	1.45E-03	1.43E-03	5.13E-07	1.55E-06	8.97E-07	8.75E-07	7.93E-07	3.62E-07	3.57E-07	1.71E-08	4.14E-07	9.13E-08	1.19E-07	1.89E-07	3.32E-08	1.87E-07	1.05E-06
1382	493677.33	3860552.55	1.46E-03	1.43E-03	1.41E-03	5.06E-07	1.53E-06	8.84E-07	8.63E-07	7.82E-07	3.57E-07	3.52E-07	1.69E-08	4.08E-07	9.01E-08	1.17E-07	1.86E-07	3.28E-08	1.85E-07	1.04E-06
1383	493727.33	3860552.55	1.44E-03	1.40E-03	1.39E-03	4.98E-07	1.50E-06	8.71E-07	8.50E-07	7.70E-07	3.51E-07	3.47E-07	1.66E-08	4.02E-07	8.86E-08	1.15E-07	1.83E-07	3.22E-08	1.82E-07	1.02E-06
1384	493777.33	3860552.55	1.41E-03	1.38E-03	1.36E-03	4.88E-07	1.47E-06	8.54E-07	8.33E-07	7.55E-07	3.44E-07	3.40E-07	1.63E-08	3.94E-07	8.69E-08	1.13E-07	1.79E-07	3.16E-08	1.78E-07	1.00E-06
1385	493827.33	3860552.55	1.38E-03	1.34E-03	1.33E-03	4.77E-07	1.44E-06	8.34E-07	8.14E-07	7.38E-07	3.37E-07	3.32E-07	1.59E-08	3.85E-07	8.49E-08	1.10E-07	1.75E-07	3.09E-08	1.74E-07	9.77E-07
1386	493877.33	3860552.55	1.36E-03	1.32E-03	1.31E-03	4.70E-07	1.42E-06	8.21E-07	8.01E-07	7.26E-07	3.31E-07	3.27E-07	1.57E-08	3.79E-07	8.36E-08	1.09E-07	1.73E-07	3.04E-08	1.72E-07	9.61E-07
1387	493927.33	3860552.55	1.33E-03	1.30E-03	1.28E-03	4.60E-07	1.39E-06	8.03E-07	7.84E-07	7.11E-07	3.24E-07	3.20E-07	1.53E-08	3.71E-07	8.18E-08	1.06E-07	1.69E-07	2.98E-08	1.68E-07	9.41E-07
1388	493977.33	3860552.55	1.30E-03	1.27E-03	1.25E-03	4.49E-07	1.36E-06	7.85E-07	7.66E-07	6.94E-07	3.17E-07	3.13E-07	1.50E-08	3.62E-07	7.99E-08	1.04E-07	1.65E-07	2.91E-08	1.64E-07	9.19E-07
1389	494027.33	3860552.55	1.28E-03	1.25E-03	1.23E-03	4.43E-07	1.34E-06	7.74E-07	7.55E-07	6.84E-07	3.12E-07	3.08E-07	1.48E-08	3.57E-07	7.88E-08	1.03E-07	1.63E-07	2.87E-08	1.62E-07	9.06E-07
1390	493627.33	3860602.55	1.54E-03	1.51E-03	1.49E-03	5.34E-07	1.61E-06	9.34E-07	9.11E-07	8.26E-07	3.77E-07	3.72E-07	1.78E-08	4.31E-07	9.51E-08	1.24E-07	1.96E-07	3.46E-08	1.95E-07	1.09E-06
1391	493727.33	3860602.55	1.50E-03	1.47E-03	1.45E-03	5.20E-07	1.57E-06	9.09E-07	8.87E-07	8.04E-07	3.67E-07	3.62E-07	1.74E-08	4.19E-07	9.26E-08	1.20E-07	1.91E-07	3.37E-08	1.90E-07	1.06E-06
1392	493777.33	3860602.55	1.46E-03	1.43E-03	1.41E-03	5.07E-07	1.53E-06	8.86E-07	8.65E-07	7.84E-07	3.58E-07	3.53E-07	1.69E-08	4.09E-07	9.03E-08	1.17E-07	1.86E-07	3.28E-08	1.85E-07	1.04E-06
1393	493827.33	3860602.55	1.44E-03	1.40E-03	1.38E-03	4.98E-07	1.50E-06	8.70E-07	8.49E-07	7.69E-07	3.51E-07	3.46E-07	1.66E-08	4.01E-07	8.86E-08	1.15E-07	1.83E-07	3.22E-08	1.82E-07	1.02E-06
1394	493877.33	3860602.55	1.40E-03	1.37E-03	1.35E-03	4.86E-07	1.47E-06	8.50E-07	8.29E-07	7.52E-07	3.43E-07	3.38E-07	1.62E-08	3.92E-07	8.65E-08	1.13E-07	1.79E-07	3.15E-08	1.78E-07	9.95E-07
1395	493927.33	3860602.55	1.38E-03	1.34E-03	1.33E-03	4.77E-07	1.44E-06	8.33E-07	8.13E-07	7.37E-07	3.36E-07	3.32E-07	1.59E-08	3.84E-07	8.48E-08	1.10E-07	1.75E-07	3.09E-08	1.74E-07	9.75E-07
1396	493977.33	3860602.55	1.35E-03	1.32E-03	1.30E-03	4.67E-07	1.41E-06	8.16E-07	7.96E-07	7.22E-07	3.29E-07	3.25E-07	1.56E-08	3.77E-07	8.31E-08	1.08E-07	1.72E-07	3.02E-08	1.71E-07	9.56E-07
1397	494027.33	3860602.55	1.33E-03	1.30E-03	1.28E-03	4.61E-07	1.39E-06	8.06E-07	7.86E-07	7.13E-07	3.25E-07	3.21E-07	1.54E-08	3.72E-07	8.20E-08	1.07E-07	1.69E-07	2.98E-08	1.68E-07	9.43E-07
1398	493627.33	3860652.55	1.61E-03	1.57E-03	1.55E-03	5.58E-07	1.69E-06	9.76E-07	9.52E-07	8.63E-07	3.94E-07	3.89E-07	1.86E-08	4.50E-07	9.94E-08	1.29E-07	2.05E-07	3.62E-08	2.04E-07	1.14E-06
1399	493727.33	3860652.55	1.57E-03	1.53E-03	1.51E-03	5.42E-07	1.64E-06	9.47E-07	9.24E-07	8.38E-07	3.82E-07	3.77E-07	1.81E-08	4.37E-07	9.65E-08	1.26E-07	1.99E-07	3.51E-08	1.98E-07	1.11E-06
1400	493777.33	3860652.55	1.53E-03	1.49E-03	1.47E-03	5.30E-07	1.60E-06	9.26E-07	9.03E-07	8.19E-07	3.74E-07	3.69E-07	1.77E-08	4.27E-07	9.43E-08	1.23E-07	1.95E-07	3.43E-08	1.94E-07	1.08E-06
1401	493827.33	3860652.55	1.50E-03	1.46E-03	1.44E-03	5.18E-07	1.56E-06	9.05E-07	8.83E-07	8.01E-07	3.65E-07	3.61E-07	1.73E-08	4.18E-07	9.22E-08	1.20E-07	1.90E-07	3.35E-08	1.89E-07	1.06E-06
1402	493877.33	3860652.55	1.46E-03	1.43E-03	1.41E-03	5.06E-07	1.53E-06	8.84E-07	8.62E-07	7.82E-07	3.57E-07	3.52E-07	1.69E-08	4.08E-07	9.00E-08	1.17E-07	1.86E-07	3.27E-08	1.85E-07	1.03E-06
1403	493927.33	3860652.55	1.43E-03	1.40E-03	1.38E-03	4.96E-07	1.50E-06	8.67E-07	8.46E-07	7.67E-07	3.50E-07	3.45E-07	1.66E-08	4.00E-07	8.83E-08	1.15E-07	1.82E-07	3.21E-08	1.81E-07	1.02E-06
1404	493977.33	3860652.55	1.41E-03	1.37E-03	1.36E-03	4.87E-07	1.47E-06	8.52E-07	8.31E-07	7.53E-07	3.44E-07	3.39E-07	1.63E-08	3.93E-07	8.67E-08	1.13E-07	1.79E-07	3.15E-08	1.78E-07	9.97E-07
1405	494027.33	3860652.55	1.38E-03	1.34E-03	1.33E-03	4.77E-07	1.44E-06	8.33E-07	8.13E-07	7.37E-07	3.36E-07	3.32E-07	1.59E-08	3.85E-07	8.49E-08	1.10E-07	1.75E-07	3.09E-08	1.74E-07	9.76E-07
1406	494311.06	3858401.99	3.83E-04	3.74E-04	3.69E-04	1.33E-07	4.00E-07	2.32E-07	2.26E-07	2.05E-07	9.35E-08	9.23E-08	4.43E-09	1.07E-07	2.36E-08	3.07E-08	4.87E-08	8.58E-09	4.84E-08	2.71E-07
1407	494361.06	3858401.99	3.80E-04	3.70E-04	3.66E-04	1.31E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.27E-08	9.15E-08	4.39E-09	1.06E-07	2.34E-08	3.04E-08	4.83E-08	8.51E-09	4.80E-08	2.69E-07
1408	494411.06	3858401.99	3.77E-04	3.68E-04	3.63E-04	1.30E-07	3.94E-07	2.28E-07	2.22E-07	2.02E-07	9.20E-08	9.08E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.44E-09	4.76E-08	2.67E-07
1409	494461.06	3858401.99	3.75E-04	3.66E-04	3.61E-04	1.30E-07	3.92E-07	2.27E-07	2.21E-07	2.01E-07	9.16E-08	9.04E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.41E-09	4.74E-08	2.66E-07
1410	494511.06	3858401.99	3.72E-04	3.63E-04	3.58E-04	1.29E-07	3.89E-07	2.25E-07	2.20E-07	1.99E-07	9.09E-08	8.97E-08	4.30E-09	1.04E-07	2.29E-08	2.98E-08	4.73E-08	8.34E-09	4.71E-08	2.64E-07
1411	494561.06	3858401.99	3.70E-04	3.62E-04	3.57E-04	1.28E-07	3.87E-07	2.24E-07	2.19E-07	1.98E-07	9.05E-08	8.93E-08	4.28E-09	1.03E-07	2.28E-08	2.97E-08	4.71E-08	8.30E-09	4.69E-08	2.63E-07
1412	494611.06	3858401.99	3.68E-04	3.59E-04	3.54E-04	1.27E-07	3.84E-07	2.22E-07	2.17E-07	1.97E-07	8.98E-08	8.86E-08	4.25E-09	1.03E-07	2.26E-08	2.95E-08	4.67E-08	8.24E-09	4.65E-08	2.60E-07
1413	494661.06	3858401.99	3.65E-04	3.56E-04	3.52E-04	1.26E-07	3.82E-07	2.21E-07	2.16E-07	1.95E-07	8.92E-08	8.80E-08	4.22E-09	1.02E-07	2.25E-08	2.93E-08	4.64E-08	8.18E-09	4.62E-08	2.59E-07
1414	494711.06	3858401.99	3.62E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.14E-07	1.94E-07	8.84E-08	8.72E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.11E-09	4.58E-08	2.56E-07
1415	494761.06	3858401.99	3.60E-04	3.51E-04	3.47E-04	1.25E-07	3.76E-07	2.18E-07	2.13E-07	1.93E-07	8.79E-08	8.68E-08	4.16E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.07E-09	4.55E-08	2.55E-07
1416	494811.06	3858401.99	3.57E-04	3.49E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.72E-08	8.61E-08	4.13E-09	9.97E-08	2.20E-08	2.86E-08	4.54E-08	8.01E-09	4.52E-08	2.53E-07
1417	494861.06	3858401.99	3.55E-04	3.47E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.10E-07	1.90E-07	8.67E-08	8.56E-08	4.11E-09	9.92E-08	2.19E-08	2.85E-08	4.52E-08	7.96E-09	4.49E-08	2.52E-07
1418	494911.06	3858401.99	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
1419	494961.06	3858401.99	3.50E-04	3.42E-04	3.37E-04	1.21E-07	3.66E-07	2.12E-07	2.07E-07	1.87E-07	8.55E-08	8.44E-08	4.05E-09	9.78E-08	2.16E-08	2.81E-08	4.45E-08	7.85E-09	4.43E-08	2.48E-07
1420	495011.06	3858401.99	3.47E-04	3.39E-04	3.34E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.48E-08	8.37E-08	4.01E-09	9.70E-08	2.14E-08	2.78E-08	4.42E-08	7.78E-09	4.39E-08	2.46E-07
1421	495061.06	3858401.99	3.45E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.09E-07	2.04E-07	1.85E-07	8.42E-08	8.31E-08	3.99E-09	9.63E-08	2.12E-08	2.76E-08	4.38E-08	7.73E-09	4.36E-08	2.44E-07
1422	495111.06	3858401.99	3.41E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.32E-08	8.21E-08	3.94E-09	9.51E-08	2.10E-08	2.73E-08	4.33E-08	7.63E-09	4.31E-08	2.41E-07
1423	495161.06	3858401.99	3.39E-04	3.31E-04	3.27E-04	1.17E-07	3.55E-07	2.05E-07	2.00E-07	1.82E-07	8.29E-08	8.18E-08	3.92E-09	9.48E-08	2.09E-08	2.72E-08	4.32E-08	7.61E-09	4.29E-08	2.40E-07

1424	495211.06	3858401.99	3.36E-04	3.28E-04	3.23E-04	1.16E-07	3.51E-07	2.03E-07	1.98E-07	1.80E-07	8.20E-08	8.09E-08	3.88E-09	9.37E-08	2.07E-08	2.69E-08	4.27E-08	7.52E-09	4.24E-08	2.38E-07
1425	495261.06	3858401.99	3.34E-04	3.25E-04	3.21E-04	1.15E-07	3.49E-07	2.02E-07	1.97E-07	1.79E-07	8.15E-08	8.04E-08	3.86E-09	9.31E-08	2.06E-08	2.67E-08	4.24E-08	7.48E-09	4.22E-08	2.36E-07
1426	495311.06	3858401.99	3.31E-04	3.23E-04	3.19E-04	1.15E-07	3.46E-07	2.01E-07	1.96E-07	1.77E-07	8.10E-08	7.99E-08	3.83E-09	9.26E-08	2.04E-08	2.66E-08	4.22E-08	7.43E-09	4.19E-08	2.35E-07
1427	495361.06	3858401.99	3.30E-04	3.22E-04	3.18E-04	1.14E-07	3.45E-07	2.00E-07	1.95E-07	1.77E-07	8.06E-08	7.95E-08	3.81E-09	9.21E-08	2.03E-08	2.64E-08	4.19E-08	7.39E-09	4.17E-08	2.34E-07
1428	495411.06	3858401.99	3.29E-04	3.21E-04	3.16E-04	1.14E-07	3.43E-07	1.99E-07	1.94E-07	1.76E-07	8.02E-08	7.92E-08	3.80E-09	9.17E-08	2.02E-08	2.63E-08	4.18E-08	7.36E-09	4.16E-08	2.33E-07
1429	495461.06	3858401.99	3.28E-04	3.20E-04	3.16E-04	1.13E-07	3.43E-07	1.98E-07	1.94E-07	1.75E-07	8.00E-08	7.90E-08	3.79E-09	9.15E-08	2.02E-08	2.63E-08	4.17E-08	7.35E-09	4.15E-08	2.32E-07
1430	495511.06	3858401.99	3.27E-04	3.19E-04	3.14E-04	1.13E-07	3.41E-07	1.98E-07	1.93E-07	1.75E-07	7.97E-08	7.87E-08	3.77E-09	9.12E-08	2.01E-08	2.62E-08	4.15E-08	7.32E-09	4.13E-08	2.31E-07
1431	495561.06	3858401.99	3.24E-04	3.17E-04	3.12E-04	1.12E-07	3.39E-07	1.96E-07	1.92E-07	1.74E-07	7.92E-08	7.82E-08	3.75E-09	9.06E-08	2.00E-08	2.60E-08	4.13E-08	7.27E-09	4.10E-08	2.30E-07
1432	495611.06	3858401.99	3.23E-04	3.15E-04	3.11E-04	1.12E-07	3.38E-07	1.96E-07	1.91E-07	1.73E-07	7.89E-08	7.79E-08	3.74E-09	9.02E-08	1.99E-08	2.59E-08	4.11E-08	7.24E-09	4.09E-08	2.29E-07
1433	495661.06	3858401.99	3.24E-04	3.16E-04	3.12E-04	1.12E-07	3.39E-07	1.96E-07	1.91E-07	1.73E-07	7.91E-08	7.81E-08	3.75E-09	9.05E-08	2.00E-08	2.60E-08	4.12E-08	7.26E-09	4.10E-08	2.30E-07
1434	494311.06	3858451.99	3.92E-04	3.83E-04	3.78E-04	1.36E-07	4.10E-07	2.37E-07	2.32E-07	2.10E-07	9.59E-08	9.46E-08	4.54E-09	1.10E-07	2.42E-08	3.15E-08	4.99E-08	8.80E-09	4.96E-08	2.78E-07
1435	494361.06	3858451.99	3.89E-04	3.80E-04	3.75E-04	1.35E-07	4.07E-07	2.35E-07	2.30E-07	2.08E-07	9.50E-08	9.38E-08	4.50E-09	1.09E-07	2.40E-08	3.12E-08	4.95E-08	8.72E-09	4.92E-08	2.76E-07
1436	494411.06	3858451.99	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.04E-07	2.34E-07	2.28E-07	2.07E-07	9.43E-08	9.31E-08	4.46E-09	1.08E-07	2.38E-08	3.10E-08	4.91E-08	8.66E-09	4.88E-08	2.74E-07
1437	494461.06	3858451.99	3.83E-04	3.74E-04	3.69E-04	1.33E-07	4.01E-07	2.32E-07	2.26E-07	2.05E-07	9.36E-08	9.24E-08	4.43E-09	1.07E-07	2.36E-08	3.07E-08	4.88E-08	8.59E-09	4.85E-08	2.72E-07
1438	494511.06	3858451.99	3.82E-04	3.72E-04	3.68E-04	1.32E-07	3.99E-07	2.31E-07	2.25E-07	2.04E-07	9.32E-08	9.20E-08	4.41E-09	1.07E-07	2.35E-08	3.06E-08	4.85E-08	8.55E-09	4.83E-08	2.70E-07
1439	494561.06	3858451.99	3.78E-04	3.69E-04	3.64E-04	1.31E-07	3.95E-07	2.29E-07	2.23E-07	2.03E-07	9.24E-08	9.12E-08	4.37E-09	1.06E-07	2.33E-08	3.03E-08	4.81E-08	8.48E-09	4.79E-08	2.68E-07
1440	494611.06	3858451.99	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.27E-07	2.22E-07	2.01E-07	9.18E-08	9.06E-08	4.34E-09	1.05E-07	2.32E-08	3.01E-08	4.78E-08	8.42E-09	4.75E-08	2.66E-07
1441	494661.06	3858451.99	3.73E-04	3.64E-04	3.60E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.12E-08	9.00E-08	4.32E-09	1.04E-07	2.30E-08	2.99E-08	4.75E-08	8.37E-09	4.72E-08	2.65E-07
1442	494711.06	3858451.99	3.70E-04	3.62E-04	3.57E-04	1.28E-07	3.87E-07	2.24E-07	2.19E-07	1.98E-07	9.05E-08	8.93E-08	4.28E-09	1.03E-07	2.28E-08	2.97E-08	4.71E-08	8.30E-09	4.69E-08	2.63E-07
1443	494761.06	3858451.99	3.68E-04	3.59E-04	3.54E-04	1.27E-07	3.84E-07	2.22E-07	2.17E-07	1.97E-07	8.98E-08	8.86E-08	4.25E-09	1.03E-07	2.26E-08	2.95E-08	4.67E-08	8.24E-09	4.65E-08	2.60E-07
1444	494811.06	3858451.99	3.65E-04	3.56E-04	3.52E-04	1.26E-07	3.82E-07	2.21E-07	2.16E-07	1.95E-07	8.92E-08	8.80E-08	4.22E-09	1.02E-07	2.25E-08	2.93E-08	4.64E-08	8.18E-09	4.62E-08	2.59E-07
1445	494861.06	3858451.99	3.62E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.14E-07	1.94E-07	8.84E-08	8.72E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.11E-09	4.58E-08	2.56E-07
1446	494911.06	3858451.99	3.58E-04	3.50E-04	3.45E-04	1.24E-07	3.75E-07	2.17E-07	2.12E-07	1.92E-07	8.75E-08	8.64E-08	4.14E-09	1.00E-07	2.21E-08	2.87E-08	4.56E-08	8.03E-09	4.53E-08	2.54E-07
1447	494961.06	3858451.99	3.56E-04	3.47E-04	3.43E-04	1.23E-07	3.72E-07	2.15E-07	2.10E-07	1.91E-07	8.69E-08	8.58E-08	4.11E-09	9.94E-08	2.19E-08	2.85E-08	4.53E-08	7.98E-09	4.50E-08	2.52E-07
1448	495011.06	3858451.99	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
1449	495061.06	3858451.99	3.51E-04	3.42E-04	3.38E-04	1.21E-07	3.67E-07	2.12E-07	2.07E-07	1.88E-07	8.57E-08	8.46E-08	4.06E-09	9.80E-08	2.16E-08	2.81E-08	4.46E-08	7.87E-09	4.44E-08	2.49E-07
1450	495111.06	3858451.99	3.48E-04	3.39E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.49E-08	8.38E-08	4.02E-09	9.71E-08	2.14E-08	2.79E-08	4.42E-08	7.79E-09	4.40E-08	2.46E-07
1451	495161.06	3858451.99	3.44E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.08E-07	2.03E-07	1.84E-07	8.41E-08	8.30E-08	3.98E-09	9.61E-08	2.12E-08	2.76E-08	4.38E-08	7.72E-09	4.35E-08	2.44E-07
1452	495211.06	3858451.99	3.41E-04	3.33E-04	3.29E-04	1.18E-07	3.57E-07	2.07E-07	2.02E-07	1.83E-07	8.34E-08	8.23E-08	3.95E-09	9.53E-08	2.10E-08	2.74E-08	4.34E-08	7.65E-09	4.32E-08	2.42E-07
1453	495261.06	3858451.99	3.39E-04	3.31E-04	3.26E-04	1.17E-07	3.54E-07	2.05E-07	2.00E-07	1.81E-07	8.28E-08	8.17E-08	3.92E-09	9.46E-08	2.09E-08	2.72E-08	4.31E-08	7.60E-09	4.29E-08	2.40E-07
1454	495311.06	3858451.99	3.37E-04	3.29E-04	3.24E-04	1.17E-07	3.52E-07	2.04E-07	1.99E-07	1.80E-07	8.23E-08	8.12E-08	3.89E-09	9.41E-08	2.08E-08	2.70E-08	4.28E-08	7.55E-09	4.26E-08	2.39E-07
1455	495361.06	3858451.99	3.35E-04	3.27E-04	3.23E-04	1.16E-07	3.50E-07	2.03E-07	1.98E-07	1.79E-07	8.19E-08	8.08E-08	3.87E-09	9.36E-08	2.07E-08	2.69E-08	4.26E-08	7.51E-09	4.24E-08	2.38E-07
1456	495411.06	3858451.99	3.34E-04	3.26E-04	3.22E-04	1.16E-07	3.50E-07	2.02E-07	1.97E-07	1.79E-07	8.17E-08	8.06E-08	3.87E-09	9.34E-08	2.06E-08	2.68E-08	4.25E-08	7.49E-09	4.23E-08	2.37E-07
1457	495461.06	3858451.99	3.34E-04	3.25E-04	3.21E-04	1.15E-07	3.49E-07	2.02E-07	1.97E-07	1.79E-07	8.15E-08	8.04E-08	3.86E-09	9.31E-08	2.06E-08	2.67E-08	4.24E-08	7.48E-09	4.22E-08	2.36E-07
1458	495511.06	3858451.99	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.11E-08	8.00E-08	3.84E-09	9.27E-08	2.04E-08	2.66E-08	4.22E-08	7.44E-09	4.20E-08	2.35E-07
1459	495561.06	3858451.99	3.31E-04	3.23E-04	3.19E-04	1.15E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.09E-08	7.98E-08	3.83E-09	9.24E-08	2.04E-08	2.65E-08	4.21E-08	7.42E-09	4.19E-08	2.35E-07
1460	495611.06	3858451.99	3.29E-04	3.21E-04	3.17E-04	1.14E-07	3.44E-07	1.99E-07	1.94E-07	1.76E-07	8.04E-08	7.94E-08	3.81E-09	9.20E-08	2.03E-08	2.64E-08	4.19E-08	7.38E-09	4.17E-08	2.33E-07
1461	495661.06	3858451.99	3.29E-04	3.21E-04	3.16E-04	1.14E-07	3.43E-07	1.99E-07	1.94E-07	1.76E-07	8.02E-08	7.92E-08	3.80E-09	9.17E-08	2.02E-08	2.63E-08	4.18E-08	7.36E-09	4.16E-08	2.33E-07
1462	494311.06	3858501.99	4.00E-04	3.90E-04	3.85E-04	1.38E-07	4.18E-07	2.42E-07	2.36E-07	2.14E-07	9.76E-08	9.63E-08	4.62E-09	1.12E-07	2.46E-08	3.20E-08	5.08E-08	8.95E-09	5.05E-08	2.83E-07
1463	494361.06	3858501.99	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.13E-07	9.70E-08	9.57E-08	4.59E-09	1.11E-07	2.45E-08	3.18E-08	5.05E-08	8.90E-09	5.02E-08	2.81E-07
1464	494411.06	3858501.99	3.94E-04	3.84E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.32E-07	2.11E-07	9.62E-08	9.49E-08	4.55E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.82E-09	4.98E-08	2.79E-07
1465	494461.06	3858501.99	3.92E-04	3.82E-04	3.77E-04	1.36E-07	4.09E-07	2.37E-07	2.31E-07	2.10E-07	9.56E-08	9.44E-08	4.53E-09	1.09E-07	2.41E-08	3.14E-08	4.98E-08	8.78E-09	4.95E-08	2.78E-07
1466	494511.06	3858501.99	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.05E-07	2.35E-07	2.29E-07	2.08E-07	9.47E-08	9.35E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.69E-09	4.91E-08	2.75E-07
1467	494561.06	3858501.99	3.87E-04	3.78E-04	3.73E-04	1.34E-07	4.05E-07	2.34E-07	2.29E-07	2.07E-07	9.46E-08	9.34E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.68E-09	4.90E-08	2.75E-07
1468	494611.06	3858501.99	3.84E-04	3.75E-04	3.70E-04	1.33E-07	4.02E-07	2.32E-07	2.27E-07	2.06E-07	9.38E-08	9.26E-08	4.44E-09	1.07E-07	2.37E-08	3.08E-08	4.89E-08	8.61E-09	4.86E-08	2.72E-07
1469	494661.06	3858501.99	3.82E-04	3.72E-04	3.68E-04	1.32E-07	3.99E-07	2.31E-07	2.25E-07	2.04E-07	9.32E-08	9.20E-08	4.41E-09	1.07E-07	2.35E-08	3.06E-08	4.85E-08	8.55E-09	4.83E-08	2.70E-07
1470	494711.06	3858501.99	3.78E-04	3.69E-04	3.64E-04	1.31E-07	3.95E-07	2.29E-07	2.23E-07	2.03E-07	9.24E-08	9.12E-08	4.37E-09	1.06E-07	2.33E-08	3.03E-08	4.81E-08	8.48E-09	4.79E-08	2.68E-07
1471	494761.06	3858501.99	3.75E-04	3.66E-04	3.61E-04	1.30E-07	3.92E-07	2.27E-07	2.21E-07	2.01E-07	9.16E-08	9.04E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.41E-09	4.74E-08	2.66E-07
1472	494811.06	3858501.99	3.72E-04	3.63E-04	3.58E-04	1.29E-07	3.89E-07	2.25E-07	2.19E-07	1.99E-07	9.08E-08	8.96E-08	4.30E-09	1.04E-07	2.29E-08	2.98E-08	4.73E-08	8.33E-09	4.70E-08	2.63E-07
1473	494861.06	3858501.99	3.69E-04	3.60E-04	3.56E-04	1.28E-07	3.86E-07	2.23E-07	2.18E-07	1.98E-07	9.02E-08	8.90E-08	4.27E-09	1.03E-07	2.28E-08	2.96E-08	4.70E-08	8.28E-09	4.67E-08	2.62E-07
1474	494911.06	3858501.99	3.65E-04	3.56E-04	3.52E-04	1.26E-07	3.82E-07	2.21E-07	2.16E-07	1.95E-07	8.92E-08	8.80E-08	4.22E-09	1.02E-07	2.25E-08	2.93E-08	4.64E-08	8.18E-09	4.62E-08	2.59E-07
1475	494961.06	3858501.99	3.63E-04	3.54E-04	3.49E-04	1.26E-07	3.79E-07	2.19E-07	2.14E-07	1.94E-07	8.86E-08	8.74E-08	4.19E-09	1.01E-07	2.23E-08	2.91E-08	4.61E-08	8.13E-09	4.59E-08	2.57E-07
1476	495011.06	3858501.99	3.59E-04	3.51E-04	3.46E-04	1.24E-07	3.76E-07	2.17E-07	2.12E-07	1.92E-07	8.77E-08	8.66E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.57E-08	8.05E-09	4.54E-08	2.55E-07
1477	495061.06	3858501.99	3.57E-04	3.48E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.71E-08	8.60E-08	4.12E-09	9.96E-08	2.20E-08	2.86E-08	4.54E-08	8.00E-09	4.51E-08	2.53E-07
1478	495111.06	3858501.99	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07

1479	495161.06	3858501.99	3.50E-04	3.41E-04	3.37E-04	1.21E-07	3.66E-07	2.12E-07	2.06E-07	1.87E-07	8.54E-08	8.43E-08	4.04E-09	9.77E-08	2.15E-08	2.80E-08	4.45E-08	7.84E-09	4.42E-08	2.48E-07
1480	495211.06	3858501.99	3.47E-04	3.38E-04	3.34E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.47E-08	8.36E-08	4.01E-09	9.68E-08	2.14E-08	2.78E-08	4.41E-08	7.77E-09	4.39E-08	2.46E-07
1481	495261.06	3858501.99	3.45E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.09E-07	2.04E-07	1.85E-07	8.42E-08	8.31E-08	3.99E-09	9.63E-08	2.12E-08	2.76E-08	4.38E-08	7.73E-09	4.36E-08	2.44E-07
1482	495311.06	3858501.99	3.43E-04	3.35E-04	3.30E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.38E-08	8.27E-08	3.97E-09	9.58E-08	2.11E-08	2.75E-08	4.36E-08	7.69E-09	4.34E-08	2.43E-07
1483	495361.06	3858501.99	3.41E-04	3.33E-04	3.29E-04	1.18E-07	3.57E-07	2.07E-07	2.02E-07	1.83E-07	8.34E-08	8.23E-08	3.95E-09	9.53E-08	2.10E-08	2.74E-08	4.34E-08	7.65E-09	4.32E-08	2.42E-07
1484	495411.06	3858501.99	3.40E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.31E-08	8.20E-08	3.93E-09	9.50E-08	2.10E-08	2.73E-08	4.33E-08	7.62E-09	4.30E-08	2.41E-07
1485	495461.06	3858501.99	3.39E-04	3.31E-04	3.27E-04	1.17E-07	3.55E-07	2.05E-07	2.00E-07	1.82E-07	8.29E-08	8.18E-08	3.92E-09	9.48E-08	2.09E-08	2.72E-08	4.32E-08	7.61E-09	4.29E-08	2.40E-07
1486	495511.06	3858501.99	3.38E-04	3.30E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.25E-08	8.14E-08	3.90E-09	9.43E-08	2.08E-08	2.71E-08	4.29E-08	7.57E-09	4.27E-08	2.39E-07
1487	495561.06	3858501.99	3.38E-04	3.30E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.25E-08	8.14E-08	3.90E-09	9.43E-08	2.08E-08	2.71E-08	4.29E-08	7.57E-09	4.27E-08	2.39E-07
1488	495611.06	3858501.99	3.35E-04	3.27E-04	3.23E-04	1.16E-07	3.50E-07	2.03E-07	1.98E-07	1.79E-07	8.19E-08	8.08E-08	3.87E-09	9.36E-08	2.07E-08	2.69E-08	4.26E-08	7.51E-09	4.24E-08	2.38E-07
1489	495661.06	3858501.99	3.35E-04	3.27E-04	3.22E-04	1.16E-07	3.50E-07	2.03E-07	1.98E-07	1.79E-07	8.18E-08	8.07E-08	3.87E-09	9.35E-08	2.06E-08	2.68E-08	4.26E-08	7.50E-09	4.23E-08	2.37E-07
1490	494311.06	3858551.99	4.02E-04	3.92E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.37E-07	2.15E-07	9.82E-08	9.69E-08	4.65E-09	1.12E-07	2.48E-08	3.22E-08	5.11E-08	9.01E-09	5.08E-08	2.85E-07
1491	494361.06	3858551.99	4.02E-04	3.92E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.37E-07	2.15E-07	9.82E-08	9.69E-08	4.65E-09	1.12E-07	2.48E-08	3.22E-08	5.11E-08	9.01E-09	5.08E-08	2.85E-07
1492	494411.06	3858551.99	4.03E-04	3.93E-04	3.88E-04	1.39E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.84E-08	9.71E-08	4.66E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.03E-09	5.09E-08	2.85E-07
1493	494461.06	3858551.99	4.01E-04	3.91E-04	3.86E-04	1.39E-07	4.19E-07	2.43E-07	2.37E-07	2.15E-07	9.80E-08	9.67E-08	4.64E-09	1.12E-07	2.47E-08	3.22E-08	5.10E-08	8.99E-09	5.07E-08	2.84E-07
1494	494511.06	3858551.99	3.99E-04	3.89E-04	3.84E-04	1.38E-07	4.17E-07	2.41E-07	2.35E-07	2.13E-07	9.74E-08	9.61E-08	4.61E-09	1.11E-07	2.46E-08	3.20E-08	5.07E-08	8.94E-09	5.04E-08	2.83E-07
1495	494561.06	3858551.99	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.12E-07	9.69E-08	9.56E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.89E-09	5.02E-08	2.81E-07
1496	494611.06	3858551.99	3.94E-04	3.85E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.33E-07	2.11E-07	9.63E-08	9.50E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.83E-09	4.98E-08	2.79E-07
1497	494661.06	3858551.99	3.92E-04	3.82E-04	3.77E-04	1.36E-07	4.09E-07	2.37E-07	2.31E-07	2.10E-07	9.56E-08	9.44E-08	4.53E-09	1.09E-07	2.41E-08	3.14E-08	4.98E-08	8.78E-09	4.95E-08	2.78E-07
1498	494711.06	3858551.99	3.87E-04	3.78E-04	3.73E-04	1.34E-07	4.05E-07	2.34E-07	2.29E-07	2.07E-07	9.46E-08	9.34E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.68E-09	4.90E-08	2.75E-07
1499	494761.06	3858551.99	3.83E-04	3.74E-04	3.69E-04	1.33E-07	4.01E-07	2.32E-07	2.26E-07	2.05E-07	9.36E-08	9.24E-08	4.43E-09	1.07E-07	2.36E-08	3.07E-08	4.88E-08	8.59E-09	4.85E-08	2.72E-07
1500	494811.06	3858551.99	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.29E-08	9.17E-08	4.40E-09	1.06E-07	2.34E-08	3.05E-08	4.84E-08	8.53E-09	4.81E-08	2.70E-07
1501	494861.06	3858551.99	3.77E-04	3.68E-04	3.63E-04	1.30E-07	3.94E-07	2.28E-07	2.22E-07	2.02E-07	9.20E-08	9.08E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.44E-09	4.76E-08	2.67E-07
1502	494911.06	3858551.99	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.11E-08	8.99E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.36E-09	4.72E-08	2.64E-07
1503	494961.06	3858551.99	3.70E-04	3.61E-04	3.56E-04	1.28E-07	3.86E-07	2.24E-07	2.18E-07	1.98E-07	9.03E-08	8.91E-08	4.27E-09	1.03E-07	2.28E-08	2.96E-08	4.70E-08	8.28E-09	4.68E-08	2.62E-07
1504	495011.06	3858551.99	3.66E-04	3.57E-04	3.52E-04	1.27E-07	3.82E-07	2.21E-07	2.16E-07	1.96E-07	8.93E-08	8.81E-08	4.23E-09	1.02E-07	2.25E-08	2.93E-08	4.65E-08	8.19E-09	4.62E-08	2.59E-07
1505	495061.06	3858551.99	3.63E-04	3.54E-04	3.50E-04	1.26E-07	3.79E-07	2.20E-07	2.14E-07	1.94E-07	8.87E-08	8.75E-08	4.20E-09	1.01E-07	2.24E-08	2.91E-08	4.62E-08	8.14E-09	4.59E-08	2.57E-07
1506	495111.06	3858551.99	3.58E-04	3.50E-04	3.45E-04	1.24E-07	3.75E-07	2.17E-07	2.12E-07	1.92E-07	8.75E-08	8.64E-08	4.14E-09	1.00E-07	2.21E-08	2.87E-08	4.56E-08	8.03E-09	4.53E-08	2.54E-07
1507	495161.06	3858551.99	3.55E-04	3.47E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.10E-07	1.90E-07	8.67E-08	8.56E-08	4.11E-09	9.92E-08	2.19E-08	2.85E-08	4.52E-08	7.96E-09	4.49E-08	2.52E-07
1508	495211.06	3858551.99	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
1509	495261.06	3858551.99	3.50E-04	3.42E-04	3.37E-04	1.21E-07	3.66E-07	2.12E-07	2.07E-07	1.87E-07	8.55E-08	8.44E-08	4.05E-09	9.78E-08	2.16E-08	2.81E-08	4.45E-08	7.85E-09	4.43E-08	2.48E-07
1510	495311.06	3858551.99	3.49E-04	3.41E-04	3.36E-04	1.21E-07	3.65E-07	2.11E-07	2.06E-07	1.87E-07	8.53E-08	8.42E-08	4.04E-09	9.75E-08	2.15E-08	2.80E-08	4.44E-08	7.83E-09	4.42E-08	2.48E-07
1511	495361.06	3858551.99	3.48E-04	3.39E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.49E-08	8.38E-08	4.02E-09	9.71E-08	2.14E-08	2.79E-08	4.42E-08	7.79E-09	4.40E-08	2.46E-07
1512	495411.06	3858551.99	3.47E-04	3.38E-04	3.34E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.47E-08	8.36E-08	4.01E-09	9.68E-08	2.14E-08	2.78E-08	4.41E-08	7.77E-09	4.39E-08	2.46E-07
1513	495461.06	3858551.99	3.45E-04	3.37E-04	3.32E-04	1.19E-07	3.61E-07	2.09E-07	2.04E-07	1.85E-07	8.43E-08	8.32E-08	3.99E-09	9.64E-08	2.13E-08	2.77E-08	4.39E-08	7.74E-09	4.37E-08	2.45E-07
1514	495511.06	3858551.99	3.44E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.08E-07	2.03E-07	1.84E-07	8.41E-08	8.30E-08	3.98E-09	9.61E-08	2.12E-08	2.76E-08	4.38E-08	7.72E-09	4.35E-08	2.44E-07
1515	495561.06	3858551.99	3.43E-04	3.35E-04	3.30E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.38E-08	8.27E-08	3.97E-09	9.58E-08	2.11E-08	2.75E-08	4.36E-08	7.69E-09	4.34E-08	2.43E-07
1516	495611.06	3858551.99	3.42E-04	3.34E-04	3.29E-04	1.18E-07	3.57E-07	2.07E-07	2.02E-07	1.83E-07	8.35E-08	8.24E-08	3.95E-09	9.55E-08	2.11E-08	2.74E-08	4.35E-08	7.66E-09	4.32E-08	2.42E-07
1517	495661.06	3858551.99	3.40E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.31E-08	8.20E-08	3.93E-09	9.50E-08	2.10E-08	2.73E-08	4.33E-08	7.62E-09	4.30E-08	2.41E-07
1518	494311.06	3858601.99	4.01E-04	3.91E-04	3.86E-04	1.39E-07	4.19E-07	2.42E-07	2.37E-07	2.15E-07	9.79E-08	9.66E-08	4.63E-09	1.12E-07	2.47E-08	3.21E-08	5.10E-08	8.98E-09	5.07E-08	2.84E-07
1519	494361.06	3858601.99	4.07E-04	3.97E-04	3.92E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.94E-08	9.81E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.18E-08	9.12E-09	5.15E-08	2.88E-07
1520	494411.06	3858601.99	4.13E-04	4.03E-04	3.97E-04	1.43E-07	4.31E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.95E-08	4.77E-09	1.15E-07	2.54E-08	3.31E-08	5.25E-08	9.25E-09	5.22E-08	2.93E-07
1521	494461.06	3858601.99	4.11E-04	4.01E-04	3.95E-04	1.42E-07	4.29E-07	2.49E-07	2.43E-07	2.20E-07	1.00E-07	9.90E-08	4.75E-09	1.15E-07	2.53E-08	3.29E-08	5.22E-08	9.21E-09	5.19E-08	2.91E-07
1522	494511.06	3858601.99	4.07E-04	3.97E-04	3.92E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.94E-08	9.81E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.18E-08	9.12E-09	5.15E-08	2.88E-07
1523	494561.06	3858601.99	4.07E-04	3.97E-04	3.91E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.93E-08	9.80E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.17E-08	9.11E-09	5.14E-08	2.88E-07
1524	494611.06	3858601.99	4.03E-04	3.94E-04	3.88E-04	1.40E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.85E-08	9.72E-08	4.66E-09	1.13E-07	2.48E-08	3.23E-08	5.13E-08	9.04E-09	5.10E-08	2.86E-07
1525	494661.06	3858601.99	4.00E-04	3.90E-04	3.85E-04	1.38E-07	4.18E-07	2.42E-07	2.36E-07	2.14E-07	9.77E-08	9.64E-08	4.62E-09	1.12E-07	2.46E-08	3.21E-08	5.09E-08	8.96E-09	5.06E-08	2.83E-07
1526	494711.06	3858601.99	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.12E-07	9.69E-08	9.56E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.89E-09	5.02E-08	2.81E-07
1527	494761.06	3858601.99	3.93E-04	3.83E-04	3.78E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.10E-07	9.60E-08	9.47E-08	4.54E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.78E-07
1528	494811.06	3858601.99	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.05E-07	2.35E-07	2.29E-07	2.08E-07	9.47E-08	9.35E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.69E-09	4.91E-08	2.75E-07
1529	494861.06	3858601.99	3.85E-04	3.75E-04	3.70E-04	1.33E-07	4.02E-07	2.33E-07	2.27E-07	2.06E-07	9.39E-08	9.27E-08	4.45E-09	1.07E-07	2.37E-08	3.08E-08	4.89E-08	8.62E-09	4.86E-08	2.73E-07
1530	494911.06	3858601.99	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.28E-08	9.16E-08	4.39E-09	1.06E-07	2.34E-08	3.05E-08	4.83E-08	8.52E-09	4.81E-08	2.69E-07
1531	494961.06	3858601.99	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.28E-07	2.22E-07	2.01E-07	9.19E-08	9.07E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.43E-09	4.76E-08	2.67E-07
1532	495011.06	3858601.99	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.11E-08	8.99E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.36E-09	4.72E-08	2.64E-07
1533	495061.06	3858601.99	3.69E-04	3.60E-04	3.56E-04	1.28E-07	3.86E-07	2.23E-07	2.18E-07	1.98E-07	9.02E-08	8.90E-08	4.27E-09	1.03E-07	2.28E-08	2.96E-08	4.70E-08	8.28E-09	4.67E-08	2.62E-07

1534	495111.06	3858601.99	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
1535	495161.06	3858601.99	3.62E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.14E-07	1.94E-07	8.84E-08	8.72E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.11E-09	4.58E-08	2.56E-07
1536	495211.06	3858601.99	3.59E-04	3.51E-04	3.46E-04	1.24E-07	3.76E-07	2.17E-07	2.12E-07	1.92E-07	8.77E-08	8.66E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.57E-08	8.05E-09	4.54E-08	2.55E-07
1537	495261.06	3858601.99	3.57E-04	3.49E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.72E-08	8.61E-08	4.13E-09	9.97E-08	2.20E-08	2.86E-08	4.54E-08	8.01E-09	4.52E-08	2.53E-07
1538	495311.06	3858601.99	3.55E-04	3.47E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.10E-07	1.90E-07	8.67E-08	8.56E-08	4.11E-09	9.92E-08	2.19E-08	2.85E-08	4.52E-08	7.96E-09	4.49E-08	2.52E-07
1539	495361.06	3858601.99	3.54E-04	3.45E-04	3.41E-04	1.23E-07	3.70E-07	2.14E-07	2.09E-07	1.89E-07	8.64E-08	8.53E-08	4.09E-09	9.88E-08	2.18E-08	2.84E-08	4.50E-08	7.93E-09	4.48E-08	2.51E-07
1540	495411.06	3858601.99	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
1541	495461.06	3858601.99	3.51E-04	3.43E-04	3.38E-04	1.22E-07	3.67E-07	2.13E-07	2.07E-07	1.88E-07	8.58E-08	8.47E-08	4.06E-09	9.81E-08	2.17E-08	2.82E-08	4.47E-08	7.88E-09	4.44E-08	2.49E-07
1542	495511.06	3858601.99	3.50E-04	3.41E-04	3.37E-04	1.21E-07	3.66E-07	2.12E-07	2.06E-07	1.87E-07	8.54E-08	8.43E-08	4.04E-09	9.77E-08	2.15E-08	2.80E-08	4.45E-08	7.84E-09	4.42E-08	2.48E-07
1543	495561.06	3858601.99	3.49E-04	3.40E-04	3.36E-04	1.21E-07	3.65E-07	2.11E-07	2.06E-07	1.87E-07	8.52E-08	8.41E-08	4.03E-09	9.74E-08	2.15E-08	2.80E-08	4.44E-08	7.82E-09	4.41E-08	2.47E-07
1544	495611.06	3858601.99	3.47E-04	3.39E-04	3.34E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.48E-08	8.37E-08	4.01E-09	9.70E-08	2.14E-08	2.78E-08	4.42E-08	7.78E-09	4.39E-08	2.46E-07
1545	495661.06	3858601.99	3.46E-04	3.37E-04	3.33E-04	1.20E-07	3.61E-07	2.09E-07	2.04E-07	1.85E-07	8.44E-08	8.33E-08	3.99E-09	9.65E-08	2.13E-08	2.77E-08	4.39E-08	7.75E-09	4.37E-08	2.45E-07
1546	494311.06	3858651.99	4.06E-04	3.96E-04	3.91E-04	1.40E-07	4.24E-07	2.46E-07	2.40E-07	2.17E-07	9.91E-08	9.78E-08	4.69E-09	1.13E-07	2.50E-08	3.25E-08	5.16E-08	9.09E-09	5.13E-08	2.88E-07
1547	494361.06	3858651.99	4.12E-04	4.02E-04	3.97E-04	1.43E-07	4.31E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.93E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.24E-08	9.23E-09	5.21E-08	2.92E-07
1548	494411.06	3858651.99	4.20E-04	4.10E-04	4.05E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.42E-09	5.32E-08	2.98E-07
1549	494461.06	3858651.99	4.21E-04	4.11E-04	4.05E-04	1.46E-07	4.40E-07	2.55E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.35E-08	9.43E-09	5.32E-08	2.98E-07
1550	494511.06	3858651.99	4.18E-04	4.08E-04	4.03E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.58E-08	3.35E-08	5.32E-08	9.37E-09	5.29E-08	2.96E-07
1551	494561.06	3858651.99	4.16E-04	4.06E-04	4.00E-04	1.44E-07	4.35E-07	2.52E-07	2.45E-07	2.22E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.33E-08	5.29E-08	9.32E-09	5.26E-08	2.95E-07
1552	494611.06	3858651.99	4.13E-04	4.03E-04	3.98E-04	1.43E-07	4.32E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.96E-08	4.78E-09	1.15E-07	2.55E-08	3.31E-08	5.25E-08	9.26E-09	5.23E-08	2.93E-07
1553	494661.06	3858651.99	4.09E-04	4.00E-04	3.94E-04	1.42E-07	4.28E-07	2.48E-07	2.42E-07	2.19E-07	1.00E-07	9.87E-08	4.73E-09	1.14E-07	2.52E-08	3.28E-08	5.21E-08	9.18E-09	5.18E-08	2.90E-07
1554	494711.06	3858651.99	4.05E-04	3.96E-04	3.90E-04	1.40E-07	4.24E-07	2.45E-07	2.39E-07	2.17E-07	9.90E-08	9.77E-08	4.69E-09	1.13E-07	2.50E-08	3.25E-08	5.15E-08	9.08E-09	5.13E-08	2.87E-07
1555	494761.06	3858651.99	4.02E-04	3.92E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.37E-07	2.15E-07	9.81E-08	9.68E-08	4.64E-09	1.12E-07	2.47E-08	3.22E-08	5.11E-08	9.00E-09	5.08E-08	2.85E-07
1556	494811.06	3858651.99	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.13E-07	9.70E-08	9.57E-08	4.59E-09	1.11E-07	2.45E-08	3.18E-08	5.05E-08	8.90E-09	5.02E-08	2.81E-07
1557	494861.06	3858651.99	3.92E-04	3.83E-04	3.78E-04	1.36E-07	4.10E-07	2.37E-07	2.32E-07	2.10E-07	9.59E-08	9.46E-08	4.54E-09	1.10E-07	2.42E-08	3.15E-08	4.99E-08	8.80E-09	4.96E-08	2.78E-07
1558	494911.06	3858651.99	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.05E-07	2.35E-07	2.29E-07	2.08E-07	9.47E-08	9.35E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.69E-09	4.91E-08	2.75E-07
1559	494961.06	3858651.99	3.83E-04	3.74E-04	3.69E-04	1.33E-07	4.01E-07	2.32E-07	2.26E-07	2.05E-07	9.36E-08	9.24E-08	4.43E-09	1.07E-07	2.36E-08	3.07E-08	4.88E-08	8.59E-09	4.85E-08	2.72E-07
1560	495011.06	3858651.99	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.28E-08	9.16E-08	4.39E-09	1.06E-07	2.34E-08	3.05E-08	4.83E-08	8.52E-09	4.81E-08	2.69E-07
1561	495061.06	3858651.99	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.28E-07	2.22E-07	2.01E-07	9.19E-08	9.07E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.43E-09	4.76E-08	2.67E-07
1562	495111.06	3858651.99	3.72E-04	3.63E-04	3.58E-04	1.29E-07	3.89E-07	2.25E-07	2.19E-07	1.99E-07	9.08E-08	8.96E-08	4.30E-09	1.04E-07	2.29E-08	2.98E-08	4.73E-08	8.33E-09	4.70E-08	2.63E-07
1563	495161.06	3858651.99	3.69E-04	3.60E-04	3.55E-04	1.28E-07	3.85E-07	2.23E-07	2.18E-07	1.97E-07	9.01E-08	8.89E-08	4.26E-09	1.03E-07	2.27E-08	2.96E-08	4.69E-08	8.27E-09	4.66E-08	2.61E-07
1564	495211.06	3858651.99	3.66E-04	3.57E-04	3.52E-04	1.27E-07	3.82E-07	2.21E-07	2.16E-07	1.96E-07	8.93E-08	8.81E-08	4.23E-09	1.02E-07	2.25E-08	2.93E-08	4.65E-08	8.19E-09	4.62E-08	2.59E-07
1565	495261.06	3858651.99	3.64E-04	3.55E-04	3.50E-04	1.26E-07	3.80E-07	2.20E-07	2.15E-07	1.95E-07	8.89E-08	8.77E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.15E-09	4.60E-08	2.58E-07
1566	495311.06	3858651.99	3.62E-04	3.53E-04	3.49E-04	1.25E-07	3.79E-07	2.19E-07	2.14E-07	1.94E-07	8.85E-08	8.73E-08	4.19E-09	1.01E-07	2.23E-08	2.90E-08	4.61E-08	8.12E-09	4.58E-08	2.57E-07
1567	495361.06	3858651.99	3.61E-04	3.52E-04	3.47E-04	1.25E-07	3.77E-07	2.18E-07	2.13E-07	1.93E-07	8.80E-08	8.69E-08	4.17E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.08E-09	4.56E-08	2.55E-07
1568	495411.06	3858651.99	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
1569	495461.06	3858651.99	3.59E-04	3.50E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.12E-07	1.92E-07	8.76E-08	8.65E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.56E-08	8.04E-09	4.54E-08	2.54E-07
1570	495511.06	3858651.99	3.56E-04	3.48E-04	3.43E-04	1.23E-07	3.72E-07	2.16E-07	2.10E-07	1.91E-07	8.70E-08	8.59E-08	4.12E-09	9.95E-08	2.20E-08	2.86E-08	4.53E-08	7.99E-09	4.51E-08	2.53E-07
1571	495561.06	3858651.99	3.55E-04	3.46E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.09E-07	1.90E-07	8.66E-08	8.55E-08	4.10E-09	9.90E-08	2.19E-08	2.84E-08	4.51E-08	7.95E-09	4.49E-08	2.51E-07
1572	495611.06	3858651.99	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
1573	495661.06	3858651.99	3.51E-04	3.43E-04	3.38E-04	1.22E-07	3.67E-07	2.13E-07	2.07E-07	1.88E-07	8.58E-08	8.47E-08	4.06E-09	9.81E-08	2.17E-08	2.82E-08	4.47E-08	7.88E-09	4.44E-08	2.49E-07
1574	494311.06	3858701.99	4.16E-04	4.06E-04	4.00E-04	1.44E-07	4.35E-07	2.52E-07	2.45E-07	2.22E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.33E-08	5.29E-08	9.32E-09	5.26E-08	2.95E-07
1575	494361.06	3858701.99	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.27E-07	1.04E-07	1.02E-07	4.91E-09	1.19E-07	2.62E-08	3.41E-08	5.40E-08	9.52E-09	5.37E-08	3.01E-07
1576	494411.06	3858701.99	4.30E-04	4.20E-04	4.14E-04	1.49E-07	4.50E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.64E-09	5.44E-08	3.05E-07
1577	494461.06	3858701.99	4.29E-04	4.18E-04	4.13E-04	1.48E-07	4.48E-07	2.59E-07	2.53E-07	2.29E-07	1.05E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.44E-08	5.45E-08	9.61E-09	5.42E-08	3.04E-07
1578	494511.06	3858701.99	4.28E-04	4.18E-04	4.12E-04	1.48E-07	4.48E-07	2.59E-07	2.53E-07	2.29E-07	1.05E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.43E-08	5.44E-08	9.60E-09	5.41E-08	3.03E-07
1579	494561.06	3858701.99	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.28E-07	1.04E-07	1.02E-07	4.92E-09	1.19E-07	2.62E-08	3.41E-08	5.41E-08	9.53E-09	5.38E-08	3.01E-07
1580	494611.06	3858701.99	4.20E-04	4.10E-04	4.05E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.42E-09	5.32E-08	2.98E-07
1581	494661.06	3858701.99	4.19E-04	4.08E-04	4.03E-04	1.45E-07	4.38E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.84E-09	1.17E-07	2.58E-08	3.36E-08	5.32E-08	9.38E-09	5.29E-08	2.97E-07
1582	494711.06	3858701.99	4.09E-04	3.99E-04	3.93E-04	1.41E-07	4.27E-07	2.47E-07	2.41E-07	2.19E-07	9.98E-08	9.85E-08	4.72E-09	1.14E-07	2.52E-08	3.28E-08	5.20E-08	9.16E-09	5.17E-08	2.90E-07
1583	494761.06	3858701.99	4.09E-04	4.00E-04	3.94E-04	1.42E-07	4.28E-07	2.48E-07	2.42E-07	2.19E-07	1.00E-07	9.87E-08	4.73E-09	1.14E-07	2.52E-08	3.28E-08	5.21E-08	9.18E-09	5.18E-08	2.90E-07
1584	494811.06	3858701.99	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.45E-07	2.39E-07	2.16E-07	9.87E-08	9.74E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.06E-09	5.11E-08	2.86E-07
1585	494861.06	3858701.99	4.00E-04	3.91E-04	3.85E-04	1.39E-07	4.18E-07	2.42E-07	2.36E-07	2.14E-07	9.78E-08	9.65E-08	4.63E-09	1.12E-07	2.47E-08	3.21E-08	5.09E-08	8.97E-09	5.06E-08	2.84E-07
1586	494911.06	3858701.99	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.12E-07	9.69E-08	9.56E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.89E-09	5.02E-08	2.81E-07
1587	494961.06	3858701.99	3.90E-04	3.81E-04	3.76E-04	1.35E-07	4.08E-07	2.36E-07	2.31E-07	2.09E-07	9.53E-08	9.41E-08	4.51E-09	1.09E-07	2.41E-08	3.13E-08	4.96E-08	8.75E-09	4.94E-08	2.77E-07
1588	495011.06	3858701.99	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.03E-07	2.33E-07	2.28E-07	2.07E-07	9.42E-08	9.30E-08	4.46E-09	1.08E-07	2.38E-08	3.09E-08	4.91E-08	8.65E-09	4.88E-08	2.73E-07

1589	495061.06	3858701.99	3.84E-04	3.74E-04	3.70E-04	1.33E-07	4.01E-07	2.32E-07	2.27E-07	2.05E-07	9.37E-08	9.25E-08	4.44E-09	1.07E-07	2.36E-08	3.08E-08	4.88E-08	8.60E-09	4.85E-08	2.72E-07
1590	495111.06	3858701.99	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.25E-08	9.13E-08	4.38E-09	1.06E-07	2.33E-08	3.04E-08	4.82E-08	8.49E-09	4.79E-08	2.68E-07
1591	495161.06	3858701.99	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.27E-07	2.22E-07	2.01E-07	9.18E-08	9.06E-08	4.34E-09	1.05E-07	2.32E-08	3.01E-08	4.78E-08	8.42E-09	4.75E-08	2.66E-07
1592	495211.06	3858701.99	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.89E-07	2.25E-07	2.20E-07	1.99E-07	9.10E-08	8.98E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.35E-09	4.71E-08	2.64E-07
1593	495261.06	3858701.99	3.71E-04	3.62E-04	3.58E-04	1.29E-07	3.88E-07	2.25E-07	2.19E-07	1.99E-07	9.07E-08	8.95E-08	4.29E-09	1.04E-07	2.29E-08	2.98E-08	4.72E-08	8.32E-09	4.70E-08	2.63E-07
1594	495311.06	3858701.99	3.70E-04	3.61E-04	3.56E-04	1.28E-07	3.86E-07	2.24E-07	2.18E-07	1.98E-07	9.03E-08	8.91E-08	4.27E-09	1.03E-07	2.28E-08	2.96E-08	4.70E-08	8.28E-09	4.68E-08	2.62E-07
1595	495361.06	3858701.99	3.68E-04	3.59E-04	3.54E-04	1.27E-07	3.85E-07	2.23E-07	2.17E-07	1.97E-07	8.99E-08	8.87E-08	4.25E-09	1.03E-07	2.27E-08	2.95E-08	4.68E-08	8.25E-09	4.65E-08	2.61E-07
1596	495411.06	3858701.99	3.67E-04	3.58E-04	3.54E-04	1.27E-07	3.84E-07	2.22E-07	2.17E-07	1.97E-07	8.97E-08	8.85E-08	4.24E-09	1.03E-07	2.26E-08	2.94E-08	4.67E-08	8.23E-09	4.64E-08	2.60E-07
1597	495461.06	3858701.99	3.66E-04	3.57E-04	3.52E-04	1.27E-07	3.82E-07	2.21E-07	2.16E-07	1.96E-07	8.93E-08	8.81E-08	4.23E-09	1.02E-07	2.25E-08	2.93E-08	4.65E-08	8.19E-09	4.62E-08	2.59E-07
1598	495511.06	3858701.99	3.63E-04	3.55E-04	3.50E-04	1.26E-07	3.80E-07	2.20E-07	2.15E-07	1.95E-07	8.88E-08	8.76E-08	4.20E-09	1.01E-07	2.24E-08	2.91E-08	4.62E-08	8.15E-09	4.60E-08	2.58E-07
1599	495561.06	3858701.99	3.61E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.13E-07	1.93E-07	8.83E-08	8.71E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.10E-09	4.57E-08	2.56E-07
1600	495611.06	3858701.99	3.59E-04	3.51E-04	3.46E-04	1.24E-07	3.76E-07	2.17E-07	2.12E-07	1.92E-07	8.77E-08	8.66E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.57E-08	8.05E-09	4.54E-08	2.55E-07
1601	495661.06	3858701.99	3.58E-04	3.49E-04	3.44E-04	1.24E-07	3.74E-07	2.16E-07	2.11E-07	1.91E-07	8.73E-08	8.62E-08	4.13E-09	9.99E-08	2.20E-08	2.87E-08	4.55E-08	8.02E-09	4.52E-08	2.53E-07
1602	494311.06	3858751.99	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.28E-07	1.04E-07	1.02E-07	4.92E-09	1.19E-07	2.62E-08	3.41E-08	5.41E-08	9.53E-09	5.38E-08	3.01E-07
1603	494361.06	3858751.99	4.37E-04	4.27E-04	4.21E-04	1.51E-07	4.57E-07	2.65E-07	2.58E-07	2.34E-07	1.07E-07	1.05E-07	5.05E-09	1.22E-07	2.69E-08	3.51E-08	5.56E-08	9.80E-09	5.53E-08	3.10E-07
1604	494411.06	3858751.99	4.41E-04	4.31E-04	4.25E-04	1.53E-07	4.61E-07	2.67E-07	2.61E-07	2.36E-07	1.08E-07	1.06E-07	5.10E-09	1.23E-07	2.72E-08	3.54E-08	5.61E-08	9.89E-09	5.58E-08	3.13E-07
1605	494461.06	3858751.99	4.39E-04	4.29E-04	4.23E-04	1.52E-07	4.59E-07	2.66E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.52E-08	5.59E-08	9.85E-09	5.56E-08	3.11E-07
1606	494511.06	3858751.99	4.40E-04	4.29E-04	4.23E-04	1.52E-07	4.60E-07	2.66E-07	2.60E-07	2.35E-07	1.07E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.53E-08	5.59E-08	9.86E-09	5.56E-08	3.12E-07
1607	494561.06	3858751.99	4.34E-04	4.24E-04	4.18E-04	1.50E-07	4.54E-07	2.63E-07	2.56E-07	2.32E-07	1.06E-07	1.05E-07	5.02E-09	1.21E-07	2.68E-08	3.48E-08	5.52E-08	9.74E-09	5.49E-08	3.08E-07
1608	494611.06	3858751.99	4.30E-04	4.20E-04	4.14E-04	1.49E-07	4.50E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.64E-09	5.44E-08	3.05E-07
1609	494661.06	3858751.99	4.26E-04	4.16E-04	4.10E-04	1.47E-07	4.45E-07	2.58E-07	2.52E-07	2.28E-07	1.04E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.42E-08	5.42E-08	9.55E-09	5.39E-08	3.02E-07
1610	494711.06	3858751.99	4.20E-04	4.10E-04	4.05E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.42E-09	5.32E-08	2.98E-07
1611	494761.06	3858751.99	4.18E-04	4.08E-04	4.03E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.58E-08	3.35E-08	5.32E-08	9.37E-09	5.29E-08	2.96E-07
1612	494811.06	3858751.99	4.13E-04	4.03E-04	3.97E-04	1.43E-07	4.31E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.95E-08	4.77E-09	1.15E-07	2.54E-08	3.31E-08	5.25E-08	9.25E-09	5.22E-08	2.93E-07
1613	494861.06	3858751.99	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.26E-07	2.47E-07	2.41E-07	2.18E-07	9.96E-08	9.83E-08	4.71E-09	1.14E-07	2.51E-08	3.27E-08	5.19E-08	9.14E-09	5.16E-08	2.89E-07
1614	494911.06	3858751.99	4.02E-04	3.93E-04	3.87E-04	1.39E-07	4.21E-07	2.43E-07	2.38E-07	2.15E-07	9.83E-08	9.70E-08	4.65E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.02E-09	5.09E-08	2.85E-07
1615	494961.06	3858751.99	3.99E-04	3.89E-04	3.84E-04	1.38E-07	4.17E-07	2.41E-07	2.35E-07	2.13E-07	9.74E-08	9.61E-08	4.61E-09	1.11E-07	2.46E-08	3.20E-08	5.07E-08	8.94E-09	5.04E-08	2.83E-07
1616	495011.06	3858751.99	3.95E-04	3.86E-04	3.81E-04	1.37E-07	4.13E-07	2.39E-07	2.33E-07	2.12E-07	9.66E-08	9.53E-08	4.57E-09	1.10E-07	2.44E-08	3.17E-08	5.03E-08	8.86E-09	5.00E-08	2.80E-07
1617	495061.06	3858751.99	3.91E-04	3.82E-04	3.77E-04	1.35E-07	4.09E-07	2.37E-07	2.31E-07	2.09E-07	9.55E-08	9.43E-08	4.52E-09	1.09E-07	2.41E-08	3.14E-08	4.98E-08	8.77E-09	4.95E-08	2.77E-07
1618	495111.06	3858751.99	3.87E-04	3.78E-04	3.73E-04	1.34E-07	4.05E-07	2.34E-07	2.29E-07	2.07E-07	9.45E-08	9.33E-08	4.47E-09	1.08E-07	2.38E-08	3.10E-08	4.92E-08	8.68E-09	4.90E-08	2.74E-07
1619	495161.06	3858751.99	3.84E-04	3.74E-04	3.70E-04	1.33E-07	4.01E-07	2.32E-07	2.27E-07	2.05E-07	9.37E-08	9.25E-08	4.44E-09	1.07E-07	2.36E-08	3.08E-08	4.88E-08	8.60E-09	4.85E-08	2.72E-07
1620	495211.06	3858751.99	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.29E-08	9.17E-08	4.40E-09	1.06E-07	2.34E-08	3.05E-08	4.84E-08	8.53E-09	4.81E-08	2.70E-07
1621	495261.06	3858751.99	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.25E-08	9.13E-08	4.38E-09	1.06E-07	2.33E-08	3.04E-08	4.82E-08	8.49E-09	4.79E-08	2.68E-07
1622	495311.06	3858751.99	3.77E-04	3.68E-04	3.63E-04	1.31E-07	3.94E-07	2.28E-07	2.23E-07	2.02E-07	9.21E-08	9.09E-08	4.36E-09	1.05E-07	2.32E-08	3.02E-08	4.80E-08	8.45E-09	4.77E-08	2.67E-07
1623	495361.06	3858751.99	3.75E-04	3.66E-04	3.62E-04	1.30E-07	3.92E-07	2.27E-07	2.22E-07	2.01E-07	9.17E-08	9.05E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.42E-09	4.75E-08	2.66E-07
1624	495411.06	3858751.99	3.75E-04	3.66E-04	3.61E-04	1.30E-07	3.92E-07	2.27E-07	2.21E-07	2.01E-07	9.15E-08	9.03E-08	4.33E-09	1.05E-07	2.31E-08	3.00E-08	4.76E-08	8.40E-09	4.74E-08	2.65E-07
1625	495461.06	3858751.99	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.11E-08	8.99E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.36E-09	4.72E-08	2.64E-07
1626	495511.06	3858751.99	3.71E-04	3.62E-04	3.57E-04	1.28E-07	3.88E-07	2.24E-07	2.19E-07	1.99E-07	9.06E-08	8.94E-08	4.29E-09	1.04E-07	2.29E-08	2.97E-08	4.72E-08	8.31E-09	4.69E-08	2.63E-07
1627	495561.06	3858751.99	3.68E-04	3.60E-04	3.55E-04	1.28E-07	3.85E-07	2.23E-07	2.18E-07	1.97E-07	9.00E-08	8.88E-08	4.26E-09	1.03E-07	2.27E-08	2.95E-08	4.69E-08	8.26E-09	4.66E-08	2.61E-07
1628	495611.06	3858751.99	3.66E-04	3.57E-04	3.52E-04	1.27E-07	3.82E-07	2.21E-07	2.16E-07	1.96E-07	8.94E-08	8.82E-08	4.23E-09	1.02E-07	2.25E-08	2.93E-08	4.65E-08	8.20E-09	4.63E-08	2.59E-07
1629	495661.06	3858751.99	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
1630	494311.06	3858801.99	4.39E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.52E-08	5.58E-08	9.83E-09	5.55E-08	3.11E-07
1631	494361.06	3858801.99	4.50E-04	4.39E-04	4.33E-04	1.56E-07	4.70E-07	2.72E-07	2.66E-07	2.41E-07	1.10E-07	1.08E-07	5.20E-09	1.26E-07	2.77E-08	3.61E-08	5.72E-08	1.01E-08	5.69E-08	3.19E-07
1632	494411.06	3858801.99	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.61E-08	5.73E-08	1.01E-08	5.70E-08	3.19E-07
1633	494461.06	3858801.99	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.61E-08	5.73E-08	1.01E-08	5.70E-08	3.19E-07
1634	494511.06	3858801.99	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.70E-08	3.20E-07
1635	494561.06	3858801.99	4.48E-04	4.37E-04	4.31E-04	1.55E-07	4.68E-07	2.71E-07	2.65E-07	2.40E-07	1.09E-07	1.08E-07	5.18E-09	1.25E-07	2.76E-08	3.59E-08	5.70E-08	1.00E-08	5.67E-08	3.18E-07
1636	494611.06	3858801.99	4.44E-04	4.34E-04	4.28E-04	1.54E-07	4.64E-07	2.69E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.15E-07
1637	494661.06	3858801.99	4.39E-04	4.28E-04	4.23E-04	1.52E-07	4.59E-07	2.66E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.07E-09	1.23E-07	2.70E-08	3.52E-08	5.58E-08	9.84E-09	5.55E-08	3.11E-07
1638	494711.06	3858801.99	4.34E-04	4.23E-04	4.17E-04	1.50E-07	4.53E-07	2.62E-07	2.56E-07	2.32E-07	1.06E-07	1.04E-07	5.01E-09	1.21E-07	2.67E-08	3.48E-08	5.51E-08	9.72E-09	5.48E-08	3.07E-07
1639	494761.06	3858801.99	4.27E-04	4.17E-04	4.11E-04	1.48E-07	4.46E-07	2.58E-07	2.52E-07	2.28E-07	1.04E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.42E-08	5.43E-08	9.57E-09	5.40E-08	3.03E-07
1640	494811.06	3858801.99	4.20E-04	4.10E-04	4.05E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.42E-09	5.32E-08	2.98E-07
1641	494861.06	3858801.99	4.16E-04	4.06E-04	4.01E-04	1.44E-07	4.35E-07	2.52E-07	2.46E-07	2.23E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.34E-08	5.29E-08	9.33E-09	5.26E-08	2.95E-07
1642	494911.06	3858801.99	4.11E-04	4.01E-04	3.96E-04	1.42E-07	4.30E-07	2.49E-07	2.43E-07	2.20E-07	1.00E-07	9.91E-08	4.75E-09	1.15E-07	2.53E-08	3.30E-08	5.23E-08	9.21E-09	5.20E-08	2.91E-07
1643	494961.06	3858801.99	4.07E-04	3.97E-04	3.92E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.94E-08	9.81E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.18E-08	9.12E-09	5.15E-08	2.88E-07

1644	495011.06	3858801.99	4.03E-04	3.93E-04	3.88E-04	1.39E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.84E-08	9.71E-08	4.66E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.03E-09	5.09E-08	2.85E-07
1645	495061.06	3858801.99	4.00E-04	3.90E-04	3.85E-04	1.38E-07	4.18E-07	2.42E-07	2.36E-07	2.14E-07	9.76E-08	9.63E-08	4.62E-09	1.12E-07	2.46E-08	3.20E-08	5.08E-08	8.95E-09	5.05E-08	2.83E-07
1646	495111.06	3858801.99	3.95E-04	3.85E-04	3.80E-04	1.37E-07	4.12E-07	2.39E-07	2.33E-07	2.11E-07	9.64E-08	9.51E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.02E-08	8.84E-09	4.99E-08	2.80E-07
1647	495161.06	3858801.99	3.90E-04	3.81E-04	3.76E-04	1.35E-07	4.08E-07	2.36E-07	2.31E-07	2.09E-07	9.53E-08	9.41E-08	4.51E-09	1.09E-07	2.41E-08	3.13E-08	4.96E-08	8.75E-09	4.94E-08	2.77E-07
1648	495211.06	3858801.99	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.05E-07	2.35E-07	2.29E-07	2.08E-07	9.47E-08	9.35E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.69E-09	4.91E-08	2.75E-07
1649	495261.06	3858801.99	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.04E-07	2.34E-07	2.28E-07	2.07E-07	9.43E-08	9.31E-08	4.46E-09	1.08E-07	2.38E-08	3.10E-08	4.91E-08	8.66E-09	4.88E-08	2.74E-07
1650	495311.06	3858801.99	3.85E-04	3.75E-04	3.70E-04	1.33E-07	4.02E-07	2.33E-07	2.27E-07	2.06E-07	9.39E-08	9.27E-08	4.45E-09	1.07E-07	2.37E-08	3.08E-08	4.89E-08	8.62E-09	4.86E-08	2.73E-07
1651	495361.06	3858801.99	3.83E-04	3.74E-04	3.69E-04	1.33E-07	4.00E-07	2.32E-07	2.26E-07	2.05E-07	9.35E-08	9.23E-08	4.43E-09	1.07E-07	2.36E-08	3.07E-08	4.87E-08	8.58E-09	4.84E-08	2.71E-07
1652	495411.06	3858801.99	3.83E-04	3.73E-04	3.68E-04	1.32E-07	4.00E-07	2.31E-07	2.26E-07	2.05E-07	9.34E-08	9.22E-08	4.42E-09	1.07E-07	2.36E-08	3.07E-08	4.86E-08	8.57E-09	4.84E-08	2.71E-07
1653	495461.06	3858801.99	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.29E-08	9.17E-08	4.40E-09	1.06E-07	2.34E-08	3.05E-08	4.84E-08	8.53E-09	4.81E-08	2.70E-07
1654	495511.06	3858801.99	3.78E-04	3.69E-04	3.64E-04	1.31E-07	3.95E-07	2.29E-07	2.23E-07	2.03E-07	9.24E-08	9.12E-08	4.37E-09	1.06E-07	2.33E-08	3.03E-08	4.81E-08	8.48E-09	4.79E-08	2.68E-07
1655	495561.06	3858801.99	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.28E-07	2.22E-07	2.01E-07	9.19E-08	9.07E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.43E-09	4.76E-08	2.67E-07
1656	495611.06	3858801.99	3.73E-04	3.64E-04	3.60E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.12E-08	9.00E-08	4.32E-09	1.04E-07	2.30E-08	2.99E-08	4.75E-08	8.37E-09	4.72E-08	2.65E-07
1657	495661.06	3858801.99	3.72E-04	3.63E-04	3.58E-04	1.29E-07	3.89E-07	2.25E-07	2.19E-07	1.99E-07	9.08E-08	8.96E-08	4.30E-09	1.04E-07	2.29E-08	2.98E-08	4.73E-08	8.33E-09	4.70E-08	2.63E-07
1658	494311.06	3858851.99	4.61E-04	4.49E-04	4.43E-04	1.59E-07	4.81E-07	2.79E-07	2.72E-07	2.46E-07	1.12E-07	1.11E-07	5.32E-09	1.29E-07	2.84E-08	3.69E-08	5.86E-08	1.03E-08	5.82E-08	3.26E-07
1659	494361.06	3858851.99	4.66E-04	4.55E-04	4.49E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.50E-07	1.14E-07	1.12E-07	5.39E-09	1.30E-07	2.87E-08	3.74E-08	5.93E-08	1.05E-08	5.90E-08	3.30E-07
1660	494411.06	3858851.99	4.64E-04	4.53E-04	4.47E-04	1.61E-07	4.85E-07	2.81E-07	2.74E-07	2.48E-07	1.13E-07	1.12E-07	5.36E-09	1.30E-07	2.86E-08	3.72E-08	5.90E-08	1.04E-08	5.87E-08	3.29E-07
1661	494461.06	3858851.99	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
1662	494511.06	3858851.99	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
1663	494561.06	3858851.99	4.59E-04	4.48E-04	4.42E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.30E-09	1.28E-07	2.83E-08	3.68E-08	5.84E-08	1.03E-08	5.80E-08	3.25E-07
1664	494611.06	3858851.99	4.54E-04	4.43E-04	4.37E-04	1.57E-07	4.75E-07	2.75E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.25E-09	1.27E-07	2.80E-08	3.64E-08	5.78E-08	1.02E-08	5.75E-08	3.22E-07
1665	494661.06	3858851.99	4.49E-04	4.38E-04	4.32E-04	1.55E-07	4.69E-07	2.72E-07	2.65E-07	2.40E-07	1.10E-07	1.08E-07	5.19E-09	1.25E-07	2.77E-08	3.60E-08	5.71E-08	1.01E-08	5.68E-08	3.18E-07
1666	494711.06	3858851.99	4.42E-04	4.31E-04	4.25E-04	1.53E-07	4.62E-07	2.67E-07	2.61E-07	2.36E-07	1.08E-07	1.06E-07	5.11E-09	1.23E-07	2.72E-08	3.54E-08	5.62E-08	9.90E-09	5.59E-08	3.13E-07
1667	494761.06	3858851.99	4.35E-04	4.25E-04	4.19E-04	1.51E-07	4.55E-07	2.63E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.03E-09	1.22E-07	2.68E-08	3.49E-08	5.53E-08	9.75E-09	5.50E-08	3.08E-07
1668	494811.06	3858851.99	4.30E-04	4.20E-04	4.14E-04	1.49E-07	4.50E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.64E-09	5.44E-08	3.05E-07
1669	494861.06	3858851.99	4.26E-04	4.16E-04	4.10E-04	1.47E-07	4.45E-07	2.58E-07	2.52E-07	2.28E-07	1.04E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.42E-08	5.42E-08	9.55E-09	5.39E-08	3.02E-07
1670	494911.06	3858851.99	4.20E-04	4.10E-04	4.05E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.42E-09	5.32E-08	2.98E-07
1671	494961.06	3858851.99	4.16E-04	4.06E-04	4.01E-04	1.44E-07	4.35E-07	2.52E-07	2.46E-07	2.23E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.34E-08	5.29E-08	9.33E-09	5.26E-08	2.95E-07
1672	495011.06	3858851.99	4.12E-04	4.02E-04	3.97E-04	1.43E-07	4.31E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.93E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.24E-08	9.23E-09	5.21E-08	2.92E-07
1673	495061.06	3858851.99	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.26E-07	2.47E-07	2.41E-07	2.18E-07	9.96E-08	9.83E-08	4.71E-09	1.14E-07	2.51E-08	3.27E-08	5.19E-08	9.14E-09	5.16E-08	2.89E-07
1674	495111.06	3858851.99	4.01E-04	3.91E-04	3.86E-04	1.39E-07	4.19E-07	2.43E-07	2.37E-07	2.15E-07	9.80E-08	9.67E-08	4.64E-09	1.12E-07	2.47E-08	3.22E-08	5.10E-08	8.99E-09	5.07E-08	2.84E-07
1675	495161.06	3858851.99	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.13E-07	9.70E-08	9.57E-08	4.59E-09	1.11E-07	2.45E-08	3.18E-08	5.05E-08	8.90E-09	5.02E-08	2.81E-07
1676	495211.06	3858851.99	3.96E-04	3.87E-04	3.81E-04	1.37E-07	4.14E-07	2.40E-07	2.34E-07	2.12E-07	9.68E-08	9.55E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.88E-09	5.01E-08	2.81E-07
1677	495261.06	3858851.99	3.95E-04	3.85E-04	3.80E-04	1.37E-07	4.12E-07	2.39E-07	2.33E-07	2.11E-07	9.64E-08	9.51E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.02E-08	8.84E-09	4.99E-08	2.80E-07
1678	495311.06	3858851.99	3.93E-04	3.83E-04	3.78E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.10E-07	9.60E-08	9.47E-08	4.54E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.78E-07
1679	495361.06	3858851.99	3.91E-04	3.82E-04	3.77E-04	1.35E-07	4.09E-07	2.37E-07	2.31E-07	2.09E-07	9.55E-08	9.43E-08	4.52E-09	1.09E-07	2.41E-08	3.14E-08	4.98E-08	8.77E-09	4.95E-08	2.77E-07
1680	495411.06	3858851.99	3.90E-04	3.80E-04	3.75E-04	1.35E-07	4.07E-07	2.36E-07	2.30E-07	2.09E-07	9.51E-08	9.39E-08	4.50E-09	1.09E-07	2.40E-08	3.12E-08	4.95E-08	8.73E-09	4.93E-08	2.76E-07
1681	495461.06	3858851.99	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.06E-07	2.35E-07	2.29E-07	2.08E-07	9.48E-08	9.36E-08	4.49E-09	1.08E-07	2.39E-08	3.11E-08	4.94E-08	8.70E-09	4.91E-08	2.75E-07
1682	495511.06	3858851.99	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.03E-07	2.33E-07	2.28E-07	2.07E-07	9.42E-08	9.30E-08	4.46E-09	1.08E-07	2.38E-08	3.09E-08	4.91E-08	8.65E-09	4.88E-08	2.73E-07
1683	495561.06	3858851.99	3.83E-04	3.74E-04	3.69E-04	1.33E-07	4.00E-07	2.32E-07	2.26E-07	2.05E-07	9.35E-08	9.23E-08	4.43E-09	1.07E-07	2.36E-08	3.07E-08	4.87E-08	8.58E-09	4.84E-08	2.71E-07
1684	495611.06	3858851.99	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.28E-08	9.16E-08	4.39E-09	1.06E-07	2.34E-08	3.05E-08	4.83E-08	8.52E-09	4.81E-08	2.69E-07
1685	495661.06	3858851.99	3.78E-04	3.69E-04	3.64E-04	1.31E-07	3.95E-07	2.29E-07	2.23E-07	2.03E-07	9.24E-08	9.12E-08	4.37E-09	1.06E-07	2.33E-08	3.03E-08	4.81E-08	8.48E-09	4.79E-08	2.68E-07
1686	494311.06	3858901.99	4.75E-04	4.64E-04	4.57E-04	1.64E-07	4.97E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.49E-09	1.33E-07	2.93E-08	3.81E-08	6.04E-08	1.06E-08	6.01E-08	3.37E-07
1687	494361.06	3858901.99	4.79E-04	4.67E-04	4.61E-04	1.66E-07	5.00E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.53E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.05E-08	3.39E-07
1688	494411.06	3858901.99	4.77E-04	4.66E-04	4.59E-04	1.65E-07	4.99E-07	2.89E-07	2.82E-07	2.55E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.82E-08	6.07E-08	1.07E-08	6.03E-08	3.38E-07
1689	494461.06	3858901.99	4.78E-04	4.66E-04	4.60E-04	1.65E-07	4.99E-07	2.89E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.83E-08	6.07E-08	1.07E-08	6.04E-08	3.38E-07
1690	494511.06	3858901.99	4.75E-04	4.64E-04	4.58E-04	1.65E-07	4.97E-07	2.88E-07	2.81E-07	2.54E-07	1.16E-07	1.15E-07	5.50E-09	1.33E-07	2.93E-08	3.81E-08	6.05E-08	1.07E-08	6.01E-08	3.37E-07
1691	494561.06	3858901.99	4.70E-04	4.59E-04	4.53E-04	1.63E-07	4.92E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.13E-07	5.44E-09	1.31E-07	2.90E-08	3.77E-08	5.98E-08	1.05E-08	5.95E-08	3.33E-07
1692	494611.06	3858901.99	4.63E-04	4.52E-04	4.46E-04	1.60E-07	4.84E-07	2.80E-07	2.74E-07	2.48E-07	1.13E-07	1.12E-07	5.36E-09	1.29E-07	2.86E-08	3.71E-08	5.89E-08	1.04E-08	5.86E-08	3.28E-07
1693	494661.06	3858901.99	4.59E-04	4.48E-04	4.42E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.30E-09	1.28E-07	2.83E-08	3.68E-08	5.84E-08	1.03E-08	5.80E-08	3.25E-07
1694	494711.06	3858901.99	4.52E-04	4.41E-04	4.35E-04	1.57E-07	4.73E-07	2.74E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.23E-09	1.26E-07	2.79E-08	3.63E-08	5.75E-08	1.01E-08	5.72E-08	3.20E-07
1695	494761.06	3858901.99	4.45E-04	4.34E-04	4.28E-04	1.54E-07	4.65E-07	2.69E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.57E-08	5.66E-08	9.97E-09	5.62E-08	3.15E-07
1696	494811.06	3858901.99	4.40E-04	4.29E-04	4.23E-04	1.52E-07	4.60E-07	2.66E-07	2.60E-07	2.35E-07	1.07E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.53E-08	5.59E-08	9.86E-09	5.56E-08	3.12E-07
1697	494861.06	3858901.99	4.36E-04	4.25E-04	4.20E-04	1.51E-07	4.56E-07	2.64E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.04E-09	1.22E-07	2.69E-08	3.50E-08	5.55E-08	9.77E-09	5.51E-08	3.09E-07
1698	494911.06	3858901.99	4.29E-04	4.18E-04	4.13E-04	1.48E-07	4.48E-07	2.59E-07	2.53E-07	2.29E-07	1.05E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.44E-08	5.45E-08	9.61E-09	5.42E-08	3.04E-07

1699	494961.06	3858901.99	4.24E-04	4.14E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.27E-07	1.04E-07	1.02E-07	4.91E-09	1.19E-07	2.61E-08	3.40E-08	5.40E-08	9.51E-09	5.37E-08	3.01E-07
1700	495011.06	3858901.99	4.20E-04	4.10E-04	4.05E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.42E-09	5.32E-08	2.98E-07
1701	495061.06	3858901.99	4.14E-04	4.04E-04	3.99E-04	1.43E-07	4.33E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	9.99E-08	4.79E-09	1.16E-07	2.55E-08	3.32E-08	5.27E-08	9.29E-09	5.24E-08	2.94E-07
1702	495111.06	3858901.99	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.26E-07	2.47E-07	2.41E-07	2.18E-07	9.96E-08	9.83E-08	4.71E-09	1.14E-07	2.51E-08	3.27E-08	5.19E-08	9.14E-09	5.16E-08	2.89E-07
1703	495161.06	3858901.99	4.05E-04	3.95E-04	3.89E-04	1.40E-07	4.23E-07	2.45E-07	2.39E-07	2.17E-07	9.88E-08	9.75E-08	4.68E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.07E-09	5.12E-08	2.87E-07
1704	495211.06	3858901.99	4.05E-04	3.95E-04	3.89E-04	1.40E-07	4.23E-07	2.45E-07	2.39E-07	2.17E-07	9.88E-08	9.75E-08	4.68E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.07E-09	5.12E-08	2.87E-07
1705	495261.06	3858901.99	4.03E-04	3.93E-04	3.88E-04	1.39E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.84E-08	9.71E-08	4.66E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.03E-09	5.09E-08	2.85E-07
1706	495311.06	3858901.99	4.01E-04	3.91E-04	3.86E-04	1.39E-07	4.19E-07	2.42E-07	2.37E-07	2.15E-07	9.79E-08	9.66E-08	4.63E-09	1.12E-07	2.47E-08	3.21E-08	5.10E-08	8.98E-09	5.07E-08	2.84E-07
1707	495361.06	3858901.99	3.99E-04	3.89E-04	3.84E-04	1.38E-07	4.17E-07	2.41E-07	2.35E-07	2.13E-07	9.74E-08	9.61E-08	4.61E-09	1.11E-07	2.46E-08	3.20E-08	5.07E-08	8.94E-09	5.04E-08	2.83E-07
1708	495411.06	3858901.99	3.98E-04	3.88E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.72E-08	9.59E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.92E-09	5.03E-08	2.82E-07
1709	495461.06	3858901.99	3.96E-04	3.86E-04	3.81E-04	1.37E-07	4.14E-07	2.39E-07	2.34E-07	2.12E-07	9.67E-08	9.54E-08	4.58E-09	1.11E-07	2.44E-08	3.17E-08	5.03E-08	8.87E-09	5.01E-08	2.80E-07
1710	495511.06	3858901.99	3.93E-04	3.83E-04	3.78E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.10E-07	9.60E-08	9.47E-08	4.54E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.78E-07
1711	495561.06	3858901.99	3.90E-04	3.81E-04	3.76E-04	1.35E-07	4.08E-07	2.36E-07	2.31E-07	2.09E-07	9.53E-08	9.41E-08	4.51E-09	1.09E-07	2.41E-08	3.13E-08	4.96E-08	8.75E-09	4.94E-08	2.77E-07
1712	495611.06	3858901.99	3.87E-04	3.78E-04	3.73E-04	1.34E-07	4.05E-07	2.34E-07	2.29E-07	2.07E-07	9.46E-08	9.34E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.68E-09	4.90E-08	2.75E-07
1713	495661.06	3858901.99	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.04E-07	2.34E-07	2.28E-07	2.07E-07	9.43E-08	9.31E-08	4.46E-09	1.08E-07	2.38E-08	3.10E-08	4.91E-08	8.66E-09	4.88E-08	2.74E-07
1714	494311.06	3858951.99	4.93E-04	4.81E-04	4.75E-04	1.71E-07	5.16E-07	2.98E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	3.95E-08	6.27E-08	1.11E-08	6.24E-08	3.50E-07
1715	494361.06	3858951.99	4.93E-04	4.81E-04	4.75E-04	1.71E-07	5.16E-07	2.98E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	3.95E-08	6.27E-08	1.11E-08	6.24E-08	3.50E-07
1716	494411.06	3858951.99	4.89E-04	4.77E-04	4.71E-04	1.69E-07	5.11E-07	2.96E-07	2.89E-07	2.62E-07	1.19E-07	1.18E-07	5.65E-09	1.37E-07	3.01E-08	3.92E-08	6.22E-08	1.10E-08	6.19E-08	3.47E-07
1717	494461.06	3858951.99	4.90E-04	4.78E-04	4.72E-04	1.70E-07	5.12E-07	2.96E-07	2.89E-07	2.62E-07	1.20E-07	1.18E-07	5.66E-09	1.37E-07	3.02E-08	3.93E-08	6.23E-08	1.10E-08	6.20E-08	3.47E-07
1718	494511.06	3858951.99	4.87E-04	4.75E-04	4.69E-04	1.68E-07	5.09E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.63E-09	1.36E-07	3.00E-08	3.90E-08	6.19E-08	1.09E-08	6.15E-08	3.45E-07
1719	494561.06	3858951.99	4.82E-04	4.70E-04	4.64E-04	1.67E-07	5.03E-07	2.91E-07	2.84E-07	2.58E-07	1.18E-07	1.16E-07	5.57E-09	1.34E-07	2.97E-08	3.86E-08	6.13E-08	1.08E-08	6.09E-08	3.41E-07
1720	494611.06	3858951.99	4.75E-04	4.64E-04	4.58E-04	1.65E-07	4.97E-07	2.88E-07	2.81E-07	2.54E-07	1.16E-07	1.15E-07	5.50E-09	1.33E-07	2.93E-08	3.81E-08	6.05E-08	1.07E-08	6.01E-08	3.37E-07
1721	494661.06	3858951.99	4.69E-04	4.57E-04	4.51E-04	1.62E-07	4.90E-07	2.84E-07	2.77E-07	2.51E-07	1.14E-07	1.13E-07	5.42E-09	1.31E-07	2.89E-08	3.76E-08	5.96E-08	1.05E-08	5.93E-08	3.32E-07
1722	494711.06	3858951.99	4.61E-04	4.50E-04	4.44E-04	1.60E-07	4.82E-07	2.79E-07	2.72E-07	2.47E-07	1.13E-07	1.11E-07	5.33E-09	1.29E-07	2.84E-08	3.70E-08	5.87E-08	1.03E-08	5.83E-08	3.27E-07
1723	494761.06	3858951.99	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
1724	494811.06	3858951.99	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.61E-08	5.73E-08	1.01E-08	5.70E-08	3.19E-07
1725	494861.06	3858951.99	4.46E-04	4.35E-04	4.29E-04	1.54E-07	4.66E-07	2.70E-07	2.63E-07	2.39E-07	1.09E-07	1.07E-07	5.16E-09	1.25E-07	2.75E-08	3.58E-08	5.67E-08	1.00E-08	5.64E-08	3.16E-07
1726	494911.06	3858951.99	4.40E-04	4.30E-04	4.24E-04	1.52E-07	4.60E-07	2.66E-07	2.60E-07	2.36E-07	1.08E-07	1.06E-07	5.09E-09	1.23E-07	2.71E-08	3.53E-08	5.60E-08	9.87E-09	5.57E-08	3.12E-07
1727	494961.06	3858951.99	4.36E-04	4.25E-04	4.20E-04	1.51E-07	4.56E-07	2.64E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.04E-09	1.22E-07	2.69E-08	3.50E-08	5.55E-08	9.77E-09	5.51E-08	3.09E-07
1728	495011.06	3858951.99	4.28E-04	4.18E-04	4.12E-04	1.48E-07	4.48E-07	2.59E-07	2.53E-07	2.29E-07	1.05E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.43E-08	5.44E-08	9.60E-09	5.41E-08	3.03E-07
1729	495061.06	3858951.99	4.20E-04	4.10E-04	4.05E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.42E-09	5.32E-08	2.98E-07
1730	495111.06	3858951.99	4.14E-04	4.04E-04	3.99E-04	1.43E-07	4.33E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	9.99E-08	4.79E-09	1.16E-07	2.55E-08	3.32E-08	5.27E-08	9.29E-09	5.24E-08	2.94E-07
1731	495161.06	3858951.99	4.15E-04	4.05E-04	4.00E-04	1.44E-07	4.34E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	1.00E-07	4.80E-09	1.16E-07	2.56E-08	3.33E-08	5.28E-08	9.31E-09	5.25E-08	2.94E-07
1732	495211.06	3858951.99	4.14E-04	4.04E-04	3.98E-04	1.43E-07	4.32E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.97E-08	4.78E-09	1.15E-07	2.55E-08	3.32E-08	5.26E-08	9.27E-09	5.23E-08	2.93E-07
1733	495261.06	3858951.99	4.12E-04	4.02E-04	3.96E-04	1.42E-07	4.30E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.92E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.23E-08	9.22E-09	5.20E-08	2.92E-07
1734	495311.06	3858951.99	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.27E-07	2.47E-07	2.41E-07	2.19E-07	9.97E-08	9.84E-08	4.72E-09	1.14E-07	2.52E-08	3.27E-08	5.19E-08	9.15E-09	5.16E-08	2.89E-07
1735	495361.06	3858951.99	4.07E-04	3.97E-04	3.92E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.94E-08	9.81E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.18E-08	9.12E-09	5.15E-08	2.88E-07
1736	495411.06	3858951.99	4.06E-04	3.96E-04	3.91E-04	1.40E-07	4.24E-07	2.46E-07	2.40E-07	2.17E-07	9.91E-08	9.78E-08	4.69E-09	1.13E-07	2.50E-08	3.25E-08	5.16E-08	9.09E-09	5.13E-08	2.88E-07
1737	495461.06	3858951.99	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.45E-07	2.39E-07	2.16E-07	9.87E-08	9.74E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.06E-09	5.11E-08	2.86E-07
1738	495511.06	3858951.99	4.02E-04	3.93E-04	3.87E-04	1.39E-07	4.21E-07	2.43E-07	2.38E-07	2.15E-07	9.83E-08	9.70E-08	4.65E-09	1.12E-07	2.48E-08	3.23E-08	5.12E-08	9.02E-09	5.09E-08	2.85E-07
1739	495561.06	3858951.99	3.98E-04	3.89E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.73E-08	9.60E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.93E-09	5.04E-08	2.82E-07
1740	495611.06	3858951.99	3.95E-04	3.85E-04	3.80E-04	1.37E-07	4.13E-07	2.39E-07	2.33E-07	2.11E-07	9.65E-08	9.52E-08	4.57E-09	1.10E-07	2.43E-08	3.17E-08	5.02E-08	8.85E-09	5.00E-08	2.80E-07
1741	495661.06	3858951.99	3.94E-04	3.85E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.33E-07	2.11E-07	9.63E-08	9.50E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.83E-09	4.98E-08	2.79E-07
1742	494311.06	3859001.99	5.09E-04	4.97E-04	4.91E-04	1.76E-07	5.33E-07	3.08E-07	3.01E-07	2.73E-07	1.24E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.08E-08	6.48E-08	1.14E-08	6.44E-08	3.61E-07
1743	494361.06	3859001.99	5.07E-04	4.95E-04	4.88E-04	1.75E-07	5.30E-07	3.07E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.86E-09	1.42E-07	3.12E-08	4.06E-08	6.45E-08	1.14E-08	6.41E-08	3.59E-07
1744	494411.06	3859001.99	5.06E-04	4.94E-04	4.87E-04	1.75E-07	5.29E-07	3.06E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.06E-08	6.44E-08	1.13E-08	6.40E-08	3.59E-07
1745	494461.06	3859001.99	5.03E-04	4.91E-04	4.84E-04	1.74E-07	5.26E-07	3.04E-07	2.97E-07	2.69E-07	1.23E-07	1.21E-07	5.81E-09	1.40E-07	3.10E-08	4.03E-08	6.39E-08	1.13E-08	6.36E-08	3.56E-07
1746	494511.06	3859001.99	4.99E-04	4.87E-04	4.81E-04	1.73E-07	5.22E-07	3.02E-07	2.95E-07	2.67E-07	1.22E-07	1.20E-07	5.77E-09	1.39E-07	3.08E-08	4.00E-08	6.35E-08	1.12E-08	6.31E-08	3.54E-07
1747	494561.06	3859001.99	4.92E-04	4.81E-04	4.74E-04	1.70E-07	5.15E-07	2.98E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.69E-09	1.38E-07	3.03E-08	3.95E-08	6.26E-08	1.10E-08	6.23E-08	3.49E-07
1748	494611.06	3859001.99	4.87E-04	4.75E-04	4.69E-04	1.68E-07	5.09E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.63E-09	1.36E-07	3.00E-08	3.90E-08	6.19E-08	1.09E-08	6.15E-08	3.45E-07
1749	494661.06	3859001.99	4.79E-04	4.68E-04	4.61E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.06E-08	3.40E-07
1750	494711.06	3859001.99	4.71E-04	4.60E-04	4.54E-04	1.63E-07	4.93E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.14E-07	5.45E-09	1.32E-07	2.90E-08	3.78E-08	5.99E-08	1.06E-08	5.96E-08	3.34E-07
1751	494761.06	3859001.99	4.66E-04	4.55E-04	4.49E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.50E-07	1.14E-07	1.12E-07	5.39E-09	1.30E-07	2.87E-08	3.74E-08	5.93E-08	1.05E-08	5.90E-08	3.30E-07
1752	494811.06	3859001.99	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
1753	494861.06	3859001.99	4.56E-04	4.45E-04	4.39E-04	1.58E-07	4.77E-07	2.76E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.28E-09	1.27E-07	2.81E-08	3.66E-08	5.80E-08	1.02E-08	5.77E-08	3.23E-07

1754	494911.06	3859001.99	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.61E-08	5.73E-08	1.01E-08	5.70E-08	3.19E-07
1755	494961.06	3859001.99	4.45E-04	4.34E-04	4.28E-04	1.54E-07	4.65E-07	2.69E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.57E-08	5.66E-08	9.97E-09	5.62E-08	3.15E-07
1756	495011.06	3859001.99	4.32E-04	4.21E-04	4.16E-04	1.50E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.99E-09	1.21E-07	2.66E-08	3.46E-08	5.49E-08	9.68E-09	5.46E-08	3.06E-07
1757	495061.06	3859001.99	4.29E-04	4.18E-04	4.13E-04	1.48E-07	4.48E-07	2.59E-07	2.53E-07	2.29E-07	1.05E-07	1.03E-07	4.95E-09	1.20E-07	2.64E-08	3.44E-08	5.45E-08	9.61E-09	5.42E-08	3.04E-07
1758	495111.06	3859001.99	4.23E-04	4.13E-04	4.07E-04	1.46E-07	4.42E-07	2.56E-07	2.50E-07	2.26E-07	1.03E-07	1.02E-07	4.89E-09	1.18E-07	2.60E-08	3.39E-08	5.38E-08	9.48E-09	5.35E-08	3.00E-07
1759	495161.06	3859001.99	4.24E-04	4.14E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.27E-07	1.04E-07	1.02E-07	4.91E-09	1.19E-07	2.61E-08	3.40E-08	5.40E-08	9.51E-09	5.37E-08	3.01E-07
1760	495211.06	3859001.99	4.22E-04	4.12E-04	4.06E-04	1.46E-07	4.41E-07	2.55E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.38E-08	5.37E-08	9.46E-09	5.34E-08	2.99E-07
1761	495261.06	3859001.99	4.21E-04	4.11E-04	4.05E-04	1.46E-07	4.40E-07	2.55E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.35E-08	9.43E-09	5.32E-08	2.98E-07
1762	495311.06	3859001.99	4.18E-04	4.08E-04	4.03E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.58E-08	3.35E-08	5.32E-08	9.37E-09	5.29E-08	2.96E-07
1763	495361.06	3859001.99	4.17E-04	4.06E-04	4.01E-04	1.44E-07	4.35E-07	2.52E-07	2.46E-07	2.23E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.57E-08	3.34E-08	5.30E-08	9.34E-09	5.27E-08	2.95E-07
1764	495411.06	3859001.99	4.14E-04	4.04E-04	3.99E-04	1.43E-07	4.33E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	9.99E-08	4.79E-09	1.16E-07	2.55E-08	3.32E-08	5.27E-08	9.29E-09	5.24E-08	2.94E-07
1765	495461.06	3859001.99	4.13E-04	4.03E-04	3.97E-04	1.43E-07	4.31E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.95E-08	4.77E-09	1.15E-07	2.54E-08	3.31E-08	5.25E-08	9.25E-09	5.22E-08	2.93E-07
1766	495511.06	3859001.99	4.09E-04	3.99E-04	3.94E-04	1.42E-07	4.28E-07	2.48E-07	2.42E-07	2.19E-07	9.99E-08	9.86E-08	4.73E-09	1.14E-07	2.52E-08	3.28E-08	5.20E-08	9.17E-09	5.17E-08	2.90E-07
1767	495561.06	3859001.99	4.07E-04	3.97E-04	3.91E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.93E-08	9.80E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.17E-08	9.11E-09	5.14E-08	2.88E-07
1768	495611.06	3859001.99	4.03E-04	3.94E-04	3.88E-04	1.40E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.85E-08	9.72E-08	4.66E-09	1.13E-07	2.48E-08	3.23E-08	5.13E-08	9.04E-09	5.10E-08	2.86E-07
1769	495661.06	3859001.99	4.03E-04	3.94E-04	3.88E-04	1.40E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.85E-08	9.72E-08	4.66E-09	1.13E-07	2.48E-08	3.23E-08	5.13E-08	9.04E-09	5.10E-08	2.86E-07
1770	494311.06	3859051.99	5.24E-04	5.12E-04	5.05E-04	1.82E-07	5.48E-07	3.17E-07	3.10E-07	2.81E-07	1.28E-07	1.26E-07	6.06E-09	1.46E-07	3.23E-08	4.20E-08	6.67E-08	1.18E-08	6.63E-08	3.72E-07
1771	494361.06	3859051.99	5.25E-04	5.12E-04	5.05E-04	1.82E-07	5.49E-07	3.18E-07	3.10E-07	2.81E-07	1.28E-07	1.26E-07	6.07E-09	1.47E-07	3.23E-08	4.21E-08	6.67E-08	1.18E-08	6.64E-08	3.72E-07
1772	494411.06	3859051.99	5.20E-04	5.07E-04	5.01E-04	1.80E-07	5.43E-07	3.15E-07	3.07E-07	2.78E-07	1.27E-07	1.25E-07	6.01E-09	1.45E-07	3.20E-08	4.17E-08	6.61E-08	1.17E-08	6.57E-08	3.68E-07
1773	494461.06	3859051.99	5.15E-04	5.02E-04	4.96E-04	1.78E-07	5.38E-07	3.12E-07	3.04E-07	2.76E-07	1.26E-07	1.24E-07	5.95E-09	1.44E-07	3.17E-08	4.13E-08	6.55E-08	1.15E-08	6.51E-08	3.65E-07
1774	494511.06	3859051.99	5.09E-04	4.97E-04	4.90E-04	1.76E-07	5.32E-07	3.08E-07	3.01E-07	2.72E-07	1.24E-07	1.23E-07	5.88E-09	1.42E-07	3.14E-08	4.08E-08	6.47E-08	1.14E-08	6.44E-08	3.61E-07
1775	494561.06	3859051.99	5.04E-04	4.91E-04	4.85E-04	1.74E-07	5.26E-07	3.05E-07	2.97E-07	2.70E-07	1.23E-07	1.21E-07	5.82E-09	1.41E-07	3.10E-08	4.04E-08	6.41E-08	1.13E-08	6.37E-08	3.57E-07
1776	494611.06	3859051.99	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.19E-07	3.01E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.98E-08	6.32E-08	1.11E-08	6.29E-08	3.52E-07
1777	494661.06	3859051.99	4.90E-04	4.78E-04	4.72E-04	1.70E-07	5.12E-07	2.96E-07	2.89E-07	2.62E-07	1.20E-07	1.18E-07	5.66E-09	1.37E-07	3.02E-08	3.93E-08	6.23E-08	1.10E-08	6.20E-08	3.47E-07
1778	494711.06	3859051.99	4.84E-04	4.72E-04	4.66E-04	1.67E-07	5.06E-07	2.93E-07	2.86E-07	2.59E-07	1.18E-07	1.17E-07	5.59E-09	1.35E-07	2.98E-08	3.88E-08	6.15E-08	1.08E-08	6.12E-08	3.43E-07
1779	494761.06	3859051.99	4.77E-04	4.66E-04	4.59E-04	1.65E-07	4.99E-07	2.89E-07	2.82E-07	2.55E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.82E-08	6.07E-08	1.07E-08	6.03E-08	3.38E-07
1780	494811.06	3859051.99	4.72E-04	4.61E-04	4.55E-04	1.63E-07	4.93E-07	2.86E-07	2.79E-07	2.53E-07	1.15E-07	1.14E-07	5.46E-09	1.32E-07	2.91E-08	3.78E-08	6.00E-08	1.06E-08	5.97E-08	3.35E-07
1781	494861.06	3859051.99	4.67E-04	4.56E-04	4.50E-04	1.62E-07	4.88E-07	2.83E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.40E-09	1.30E-07	2.88E-08	3.74E-08	5.94E-08	1.05E-08	5.91E-08	3.31E-07
1782	494911.06	3859051.99	4.60E-04	4.49E-04	4.43E-04	1.59E-07	4.81E-07	2.78E-07	2.72E-07	2.46E-07	1.12E-07	1.11E-07	5.32E-09	1.28E-07	2.83E-08	3.69E-08	5.85E-08	1.03E-08	5.82E-08	3.26E-07
1783	494961.06	3859051.99	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.70E-08	3.20E-07
1784	495011.06	3859051.99	4.44E-04	4.33E-04	4.27E-04	1.54E-07	4.64E-07	2.68E-07	2.62E-07	2.37E-07	1.08E-07	1.07E-07	5.13E-09	1.24E-07	2.73E-08	3.56E-08	5.64E-08	9.94E-09	5.61E-08	3.14E-07
1785	495061.06	3859051.99	4.39E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.52E-08	5.58E-08	9.83E-09	5.55E-08	3.11E-07
1786	495111.06	3859051.99	4.35E-04	4.24E-04	4.19E-04	1.51E-07	4.54E-07	2.63E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.03E-09	1.21E-07	2.68E-08	3.49E-08	5.53E-08	9.74E-09	5.50E-08	3.08E-07
1787	495161.06	3859051.99	4.35E-04	4.24E-04	4.19E-04	1.51E-07	4.54E-07	2.63E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.03E-09	1.21E-07	2.68E-08	3.49E-08	5.53E-08	9.74E-09	5.50E-08	3.08E-07
1788	495211.06	3859051.99	4.31E-04	4.21E-04	4.15E-04	1.49E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.98E-09	1.20E-07	2.66E-08	3.46E-08	5.48E-08	9.66E-09	5.45E-08	3.05E-07
1789	495261.06	3859051.99	4.30E-04	4.20E-04	4.14E-04	1.49E-07	4.50E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.64E-09	5.44E-08	3.05E-07
1790	495311.06	3859051.99	4.27E-04	4.17E-04	4.11E-04	1.48E-07	4.47E-07	2.59E-07	2.52E-07	2.29E-07	1.04E-07	1.03E-07	4.94E-09	1.19E-07	2.63E-08	3.43E-08	5.43E-08	9.58E-09	5.40E-08	3.03E-07
1791	495361.06	3859051.99	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.28E-07	1.04E-07	1.02E-07	4.92E-09	1.19E-07	2.62E-08	3.41E-08	5.41E-08	9.53E-09	5.38E-08	3.01E-07
1792	495411.06	3859051.99	4.24E-04	4.14E-04	4.08E-04	1.47E-07	4.43E-07	2.57E-07	2.50E-07	2.27E-07	1.04E-07	1.02E-07	4.90E-09	1.18E-07	2.61E-08	3.40E-08	5.39E-08	9.50E-09	5.36E-08	3.00E-07
1793	495461.06	3859051.99	4.22E-04	4.12E-04	4.07E-04	1.46E-07	4.41E-07	2.56E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.39E-08	5.37E-08	9.47E-09	5.34E-08	2.99E-07
1794	495511.06	3859051.99	4.18E-04	4.08E-04	4.03E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.58E-08	3.35E-08	5.32E-08	9.37E-09	5.29E-08	2.96E-07
1795	495561.06	3859051.99	4.15E-04	4.05E-04	3.99E-04	1.44E-07	4.34E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	1.00E-07	4.80E-09	1.16E-07	2.56E-08	3.33E-08	5.28E-08	9.30E-09	5.25E-08	2.94E-07
1796	495611.06	3859051.99	4.12E-04	4.02E-04	3.96E-04	1.42E-07	4.30E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.92E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.23E-08	9.22E-09	5.20E-08	2.92E-07
1797	495661.06	3859051.99	4.12E-04	4.02E-04	3.96E-04	1.42E-07	4.30E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.92E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.23E-08	9.22E-09	5.20E-08	2.92E-07
1798	494311.06	3859101.99	5.43E-04	5.30E-04	5.23E-04	1.88E-07	5.68E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.28E-09	1.52E-07	3.35E-08	4.35E-08	6.91E-08	1.22E-08	6.87E-08	3.85E-07
1799	494361.06	3859101.99	5.39E-04	5.25E-04	5.19E-04	1.86E-07	5.63E-07	3.26E-07	3.18E-07	2.88E-07	1.32E-07	1.30E-07	6.22E-09	1.50E-07	3.32E-08	4.32E-08	6.85E-08	1.21E-08	6.81E-08	3.82E-07
1800	494411.06	3859101.99	5.35E-04	5.22E-04	5.15E-04	1.85E-07	5.59E-07	3.24E-07	3.16E-07	2.86E-07	1.31E-07	1.29E-07	6.18E-09	1.49E-07	3.29E-08	4.29E-08	6.80E-08	1.20E-08	6.76E-08	3.79E-07
1801	494461.06	3859101.99	5.29E-04	5.17E-04	5.10E-04	1.83E-07	5.53E-07	3.20E-07	3.13E-07	2.83E-07	1.29E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.24E-08	6.73E-08	1.19E-08	6.70E-08	3.75E-07
1802	494511.06	3859101.99	5.22E-04	5.09E-04	5.02E-04	1.81E-07	5.45E-07	3.16E-07	3.08E-07	2.79E-07	1.27E-07	1.26E-07	6.03E-09	1.46E-07	3.21E-08	4.18E-08	6.63E-08	1.17E-08	6.60E-08	3.70E-07
1803	494561.06	3859101.99	5.16E-04	5.03E-04	4.97E-04	1.79E-07	5.39E-07	3.12E-07	3.04E-07	2.76E-07	1.26E-07	1.24E-07	5.96E-09	1.44E-07	3.18E-08	4.13E-08	6.56E-08	1.16E-08	6.52E-08	3.65E-07
1804	494611.06	3859101.99	5.08E-04	4.96E-04	4.89E-04	1.76E-07	5.31E-07	3.07E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.46E-08	1.14E-08	6.42E-08	3.60E-07
1805	494661.06	3859101.99	5.02E-04	4.90E-04	4.83E-04	1.74E-07	5.25E-07	3.04E-07	2.96E-07	2.69E-07	1.23E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.02E-08	6.38E-08	1.13E-08	6.35E-08	3.56E-07
1806	494711.06	3859101.99	4.93E-04	4.81E-04	4.75E-04	1.71E-07	5.16E-07	2.98E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.70E-09	1.38E-07	3.04E-08	3.95E-08	6.27E-08	1.11E-08	6.24E-08	3.50E-07
1807	494761.06	3859101.99	4.90E-04	4.78E-04	4.72E-04	1.70E-07	5.12E-07	2.96E-07	2.89E-07	2.62E-07	1.20E-07	1.18E-07	5.66E-09	1.37E-07	3.02E-08	3.93E-08	6.23E-08	1.10E-08	6.20E-08	3.47E-07
1808	494811.06	3859101.99	4.84E-04	4.72E-04	4.66E-04	1.67E-07	5.06E-07	2.93E-07	2.86E-07	2.59E-07	1.18E-07	1.17E-07	5.59E-09	1.35E-07	2.98E-08	3.88E-08	6.15E-08	1.08E-08	6.12E-08	3.43E-07

1809	494861.06	3859101.99	4.78E-04	4.66E-04	4.60E-04	1.65E-07	5.00E-07	2.89E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.83E-08	6.08E-08	1.07E-08	6.04E-08	3.39E-07
1810	494911.06	3859101.99	4.70E-04	4.59E-04	4.53E-04	1.63E-07	4.92E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.13E-07	5.44E-09	1.31E-07	2.90E-08	3.77E-08	5.98E-08	1.05E-08	5.95E-08	3.33E-07
1811	494961.06	3859101.99	4.61E-04	4.49E-04	4.43E-04	1.59E-07	4.81E-07	2.79E-07	2.72E-07	2.46E-07	1.12E-07	1.11E-07	5.32E-09	1.29E-07	2.84E-08	3.69E-08	5.86E-08	1.03E-08	5.82E-08	3.26E-07
1812	495011.06	3859101.99	4.50E-04	4.39E-04	4.33E-04	1.56E-07	4.70E-07	2.72E-07	2.66E-07	2.41E-07	1.10E-07	1.08E-07	5.20E-09	1.26E-07	2.77E-08	3.61E-08	5.72E-08	1.01E-08	5.69E-08	3.19E-07
1813	495061.06	3859101.99	4.48E-04	4.38E-04	4.32E-04	1.55E-07	4.69E-07	2.71E-07	2.65E-07	2.40E-07	1.10E-07	1.08E-07	5.18E-09	1.25E-07	2.76E-08	3.60E-08	5.70E-08	1.01E-08	5.67E-08	3.18E-07
1814	495111.06	3859101.99	4.44E-04	4.34E-04	4.28E-04	1.54E-07	4.64E-07	2.69E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.15E-07
1815	495161.06	3859101.99	4.44E-04	4.34E-04	4.28E-04	1.54E-07	4.64E-07	2.69E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.15E-07
1816	495211.06	3859101.99	4.41E-04	4.30E-04	4.25E-04	1.53E-07	4.61E-07	2.67E-07	2.60E-07	2.36E-07	1.08E-07	1.06E-07	5.10E-09	1.23E-07	2.72E-08	3.54E-08	5.61E-08	9.88E-09	5.58E-08	3.13E-07
1817	495261.06	3859101.99	4.39E-04	4.29E-04	4.23E-04	1.52E-07	4.59E-07	2.66E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.52E-08	5.59E-08	9.85E-09	5.56E-08	3.11E-07
1818	495311.06	3859101.99	4.36E-04	4.26E-04	4.20E-04	1.51E-07	4.56E-07	2.64E-07	2.58E-07	2.34E-07	1.07E-07	1.05E-07	5.05E-09	1.22E-07	2.69E-08	3.50E-08	5.55E-08	9.78E-09	5.52E-08	3.09E-07
1819	495361.06	3859101.99	4.36E-04	4.25E-04	4.20E-04	1.51E-07	4.56E-07	2.64E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.04E-09	1.22E-07	2.69E-08	3.50E-08	5.55E-08	9.77E-09	5.51E-08	3.09E-07
1820	495411.06	3859101.99	4.34E-04	4.23E-04	4.18E-04	1.50E-07	4.54E-07	2.63E-07	2.56E-07	2.32E-07	1.06E-07	1.05E-07	5.02E-09	1.21E-07	2.67E-08	3.48E-08	5.52E-08	9.73E-09	5.49E-08	3.08E-07
1821	495461.06	3859101.99	4.29E-04	4.19E-04	4.13E-04	1.49E-07	4.49E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.03E-07	4.96E-09	1.20E-07	2.65E-08	3.44E-08	5.46E-08	9.62E-09	5.43E-08	3.04E-07
1822	495511.06	3859101.99	4.27E-04	4.17E-04	4.11E-04	1.48E-07	4.47E-07	2.59E-07	2.52E-07	2.29E-07	1.04E-07	1.03E-07	4.94E-09	1.19E-07	2.63E-08	3.43E-08	5.43E-08	9.58E-09	5.40E-08	3.03E-07
1823	495561.06	3859101.99	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.27E-07	1.04E-07	1.02E-07	4.91E-09	1.19E-07	2.62E-08	3.41E-08	5.40E-08	9.52E-09	5.37E-08	3.01E-07
1824	495611.06	3859101.99	4.22E-04	4.11E-04	4.06E-04	1.46E-07	4.41E-07	2.55E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.87E-09	1.18E-07	2.60E-08	3.38E-08	5.36E-08	9.45E-09	5.33E-08	2.99E-07
1825	495661.06	3859101.99	4.20E-04	4.10E-04	4.04E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.85E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.41E-09	5.31E-08	2.98E-07
1826	494311.06	3859151.99	5.58E-04	5.45E-04	5.37E-04	1.93E-07	5.83E-07	3.38E-07	3.29E-07	2.99E-07	1.36E-07	1.34E-07	6.45E-09	1.56E-07	3.44E-08	4.47E-08	7.10E-08	1.25E-08	7.06E-08	3.95E-07
1827	494361.06	3859151.99	5.54E-04	5.41E-04	5.34E-04	1.92E-07	5.79E-07	3.35E-07	3.27E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.44E-08	7.05E-08	1.24E-08	7.01E-08	3.93E-07
1828	494411.06	3859151.99	5.48E-04	5.35E-04	5.28E-04	1.90E-07	5.73E-07	3.32E-07	3.24E-07	2.93E-07	1.34E-07	1.32E-07	6.34E-09	1.53E-07	3.38E-08	4.39E-08	6.97E-08	1.23E-08	6.93E-08	3.88E-07
1829	494461.06	3859151.99	5.41E-04	5.28E-04	5.21E-04	1.87E-07	5.66E-07	3.28E-07	3.20E-07	2.90E-07	1.32E-07	1.30E-07	6.26E-09	1.51E-07	3.34E-08	4.34E-08	6.89E-08	1.21E-08	6.85E-08	3.84E-07
1830	494511.06	3859151.99	5.34E-04	5.21E-04	5.14E-04	1.85E-07	5.58E-07	3.23E-07	3.15E-07	2.86E-07	1.30E-07	1.29E-07	6.17E-09	1.49E-07	3.29E-08	4.28E-08	6.78E-08	1.20E-08	6.75E-08	3.78E-07
1831	494561.06	3859151.99	5.28E-04	5.15E-04	5.08E-04	1.83E-07	5.52E-07	3.19E-07	3.12E-07	2.82E-07	1.29E-07	1.27E-07	6.10E-09	1.47E-07	3.25E-08	4.23E-08	6.71E-08	1.18E-08	6.67E-08	3.74E-07
1832	494611.06	3859151.99	5.20E-04	5.07E-04	5.01E-04	1.80E-07	5.43E-07	3.15E-07	3.07E-07	2.78E-07	1.27E-07	1.25E-07	6.01E-09	1.45E-07	3.20E-08	4.17E-08	6.61E-08	1.17E-08	6.57E-08	3.68E-07
1833	494661.06	3859151.99	5.14E-04	5.02E-04	4.95E-04	1.78E-07	5.38E-07	3.11E-07	3.04E-07	2.75E-07	1.26E-07	1.24E-07	5.95E-09	1.44E-07	3.17E-08	4.12E-08	6.54E-08	1.15E-08	6.51E-08	3.65E-07
1834	494711.06	3859151.99	5.09E-04	4.97E-04	4.91E-04	1.76E-07	5.33E-07	3.08E-07	3.01E-07	2.73E-07	1.24E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.08E-08	6.48E-08	1.14E-08	6.44E-08	3.61E-07
1835	494761.06	3859151.99	5.01E-04	4.89E-04	4.83E-04	1.73E-07	5.24E-07	3.03E-07	2.96E-07	2.68E-07	1.22E-07	1.21E-07	5.79E-09	1.40E-07	3.09E-08	4.02E-08	6.37E-08	1.12E-08	6.34E-08	3.55E-07
1836	494811.06	3859151.99	4.94E-04	4.82E-04	4.76E-04	1.71E-07	5.16E-07	2.99E-07	2.92E-07	2.64E-07	1.21E-07	1.19E-07	5.71E-09	1.38E-07	3.04E-08	3.96E-08	6.28E-08	1.11E-08	6.25E-08	3.50E-07
1837	494861.06	3859151.99	4.89E-04	4.77E-04	4.71E-04	1.69E-07	5.11E-07	2.96E-07	2.89E-07	2.62E-07	1.19E-07	1.18E-07	5.65E-09	1.37E-07	3.01E-08	3.92E-08	6.22E-08	1.10E-08	6.19E-08	3.47E-07
1838	494911.06	3859151.99	4.80E-04	4.69E-04	4.63E-04	1.66E-07	5.02E-07	2.91E-07	2.84E-07	2.57E-07	1.17E-07	1.16E-07	5.55E-09	1.34E-07	2.96E-08	3.85E-08	6.11E-08	1.08E-08	6.08E-08	3.40E-07
1839	494961.06	3859151.99	4.69E-04	4.58E-04	4.52E-04	1.62E-07	4.90E-07	2.84E-07	2.77E-07	2.51E-07	1.15E-07	1.13E-07	5.42E-09	1.31E-07	2.89E-08	3.76E-08	5.97E-08	1.05E-08	5.93E-08	3.32E-07
1840	495011.06	3859151.99	4.61E-04	4.49E-04	4.43E-04	1.59E-07	4.81E-07	2.79E-07	2.72E-07	2.46E-07	1.12E-07	1.11E-07	5.32E-09	1.29E-07	2.84E-08	3.69E-08	5.86E-08	1.03E-08	5.82E-08	3.26E-07
1841	495061.06	3859151.99	4.58E-04	4.47E-04	4.41E-04	1.59E-07	4.79E-07	2.77E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.67E-08	5.82E-08	1.03E-08	5.79E-08	3.25E-07
1842	495111.06	3859151.99	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
1843	495161.06	3859151.99	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
1844	495211.06	3859151.99	4.52E-04	4.41E-04	4.35E-04	1.56E-07	4.72E-07	2.73E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.62E-08	5.75E-08	1.01E-08	5.71E-08	3.20E-07
1845	495261.06	3859151.99	4.49E-04	4.38E-04	4.33E-04	1.56E-07	4.70E-07	2.72E-07	2.65E-07	2.40E-07	1.10E-07	1.08E-07	5.19E-09	1.25E-07	2.77E-08	3.60E-08	5.71E-08	1.01E-08	5.68E-08	3.18E-07
1846	495311.06	3859151.99	4.47E-04	4.36E-04	4.30E-04	1.55E-07	4.67E-07	2.70E-07	2.64E-07	2.39E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.75E-08	3.58E-08	5.68E-08	1.00E-08	5.65E-08	3.17E-07
1847	495361.06	3859151.99	4.44E-04	4.34E-04	4.28E-04	1.54E-07	4.64E-07	2.69E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.15E-07
1848	495411.06	3859151.99	4.44E-04	4.34E-04	4.28E-04	1.54E-07	4.64E-07	2.69E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.15E-07
1849	495461.06	3859151.99	4.42E-04	4.31E-04	4.25E-04	1.53E-07	4.62E-07	2.67E-07	2.61E-07	2.36E-07	1.08E-07	1.06E-07	5.11E-09	1.23E-07	2.72E-08	3.54E-08	5.62E-08	9.90E-09	5.59E-08	3.13E-07
1850	495511.06	3859151.99	4.38E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.34E-07	1.07E-07	1.06E-07	5.06E-09	1.22E-07	2.70E-08	3.51E-08	5.57E-08	9.82E-09	5.54E-08	3.10E-07
1851	495561.06	3859151.99	4.35E-04	4.24E-04	4.19E-04	1.51E-07	4.54E-07	2.63E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.03E-09	1.21E-07	2.68E-08	3.49E-08	5.53E-08	9.74E-09	5.50E-08	3.08E-07
1852	495611.06	3859151.99	4.31E-04	4.21E-04	4.15E-04	1.49E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.99E-09	1.20E-07	2.66E-08	3.46E-08	5.49E-08	9.67E-09	5.46E-08	3.06E-07
1853	495661.06	3859151.99	4.29E-04	4.19E-04	4.13E-04	1.48E-07	4.48E-07	2.60E-07	2.53E-07	2.30E-07	1.05E-07	1.03E-07	4.96E-09	1.20E-07	2.64E-08	3.44E-08	5.46E-08	9.61E-09	5.43E-08	3.04E-07
1854	494311.06	3859201.99	5.74E-04	5.60E-04	5.53E-04	1.99E-07	6.00E-07	3.47E-07	3.39E-07	3.07E-07	1.40E-07	1.38E-07	6.64E-09	1.60E-07	3.54E-08	4.60E-08	7.30E-08	1.29E-08	7.26E-08	4.07E-07
1855	494361.06	3859201.99	5.69E-04	5.55E-04	5.48E-04	1.97E-07	5.95E-07	3.44E-07	3.36E-07	3.05E-07	1.39E-07	1.37E-07	6.58E-09	1.59E-07	3.51E-08	4.56E-08	7.24E-08	1.28E-08	7.20E-08	4.03E-07
1856	494411.06	3859201.99	5.63E-04	5.49E-04	5.42E-04	1.95E-07	5.88E-07	3.40E-07	3.32E-07	3.01E-07	1.37E-07	1.36E-07	6.50E-09	1.57E-07	3.47E-08	4.51E-08	7.15E-08	1.26E-08	7.11E-08	3.99E-07
1857	494461.06	3859201.99	5.54E-04	5.41E-04	5.34E-04	1.92E-07	5.79E-07	3.35E-07	3.27E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.44E-08	7.05E-08	1.24E-08	7.01E-08	3.93E-07
1858	494511.06	3859201.99	5.48E-04	5.35E-04	5.28E-04	1.90E-07	5.73E-07	3.32E-07	3.24E-07	2.93E-07	1.34E-07	1.32E-07	6.34E-09	1.53E-07	3.38E-08	4.39E-08	6.97E-08	1.23E-08	6.93E-08	3.88E-07
1859	494561.06	3859201.99	5.40E-04	5.27E-04	5.20E-04	1.87E-07	5.64E-07	3.27E-07	3.19E-07	2.89E-07	1.32E-07	1.30E-07	6.24E-09	1.51E-07	3.33E-08	4.33E-08	6.86E-08	1.21E-08	6.83E-08	3.82E-07
1860	494611.06	3859201.99	5.33E-04	5.20E-04	5.13E-04	1.84E-07	5.57E-07	3.22E-07	3.15E-07	2.85E-07	1.30E-07	1.28E-07	6.16E-09	1.49E-07	3.28E-08	4.27E-08	6.77E-08	1.19E-08	6.74E-08	3.77E-07
1861	494661.06	3859201.99	5.27E-04	5.14E-04	5.07E-04	1.82E-07	5.51E-07	3.19E-07	3.11E-07	2.82E-07	1.29E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.22E-08	6.70E-08	1.18E-08	6.66E-08	3.73E-07
1862	494711.06	3859201.99	5.21E-04	5.08E-04	5.01E-04	1.80E-07	5.44E-07	3.15E-07	3.07E-07	2.79E-07	1.27E-07	1.25E-07	6.02E-09	1.45E-07	3.21E-08	4.17E-08	6.62E-08	1.17E-08	6.58E-08	3.69E-07
1863	494761.06	3859201.99	5.12E-04	5.00E-04	4.93E-04	1.77E-07	5.36E-07	3.10E-07	3.03E-07	2.74E-07	1.25E-07	1.23E-07	5.92E-09	1.43E-07	3.16E-08	4.11E-08	6.52E-08	1.15E-08	6.48E-08	3.63E-07

1864	494811.06	3859201.99	5.05E-04	4.93E-04	4.87E-04	1.75E-07	5.28E-07	3.06E-07	2.98E-07	2.70E-07	1.23E-07	1.22E-07	5.84E-09	1.41E-07	3.11E-08	4.05E-08	6.43E-08	1.13E-08	6.39E-08	3.58E-07
1865	494861.06	3859201.99	4.97E-04	4.85E-04	4.78E-04	1.72E-07	5.19E-07	3.00E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.74E-09	1.39E-07	3.06E-08	3.98E-08	6.32E-08	1.11E-08	6.28E-08	3.52E-07
1866	494911.06	3859201.99	4.89E-04	4.77E-04	4.71E-04	1.69E-07	5.11E-07	2.96E-07	2.89E-07	2.62E-07	1.19E-07	1.18E-07	5.65E-09	1.36E-07	3.01E-08	3.92E-08	6.22E-08	1.10E-08	6.18E-08	3.46E-07
1867	494961.06	3859201.99	4.79E-04	4.68E-04	4.61E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.06E-08	3.40E-07
1868	495011.06	3859201.99	4.68E-04	4.56E-04	4.50E-04	1.62E-07	4.89E-07	2.83E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.40E-09	1.31E-07	2.88E-08	3.75E-08	5.95E-08	1.05E-08	5.91E-08	3.31E-07
1869	495061.06	3859201.99	4.70E-04	4.58E-04	4.52E-04	1.63E-07	4.91E-07	2.84E-07	2.77E-07	2.51E-07	1.15E-07	1.13E-07	5.43E-09	1.31E-07	2.89E-08	3.76E-08	5.97E-08	1.05E-08	5.94E-08	3.33E-07
1870	495111.06	3859201.99	4.68E-04	4.56E-04	4.50E-04	1.62E-07	4.89E-07	2.83E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.40E-09	1.31E-07	2.88E-08	3.75E-08	5.95E-08	1.05E-08	5.91E-08	3.31E-07
1871	495161.06	3859201.99	4.65E-04	4.54E-04	4.48E-04	1.61E-07	4.86E-07	2.81E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.38E-09	1.30E-07	2.87E-08	3.73E-08	5.91E-08	1.04E-08	5.88E-08	3.30E-07
1872	495211.06	3859201.99	4.61E-04	4.50E-04	4.44E-04	1.60E-07	4.82E-07	2.79E-07	2.72E-07	2.47E-07	1.13E-07	1.11E-07	5.33E-09	1.29E-07	2.84E-08	3.70E-08	5.87E-08	1.03E-08	5.83E-08	3.27E-07
1873	495261.06	3859201.99	4.60E-04	4.49E-04	4.43E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.31E-09	1.28E-07	2.83E-08	3.69E-08	5.85E-08	1.03E-08	5.81E-08	3.26E-07
1874	495311.06	3859201.99	4.58E-04	4.47E-04	4.41E-04	1.58E-07	4.78E-07	2.77E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.67E-08	5.82E-08	1.03E-08	5.79E-08	3.24E-07
1875	495361.06	3859201.99	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
1876	495411.06	3859201.99	4.54E-04	4.43E-04	4.37E-04	1.57E-07	4.75E-07	2.75E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.25E-09	1.27E-07	2.80E-08	3.64E-08	5.78E-08	1.02E-08	5.75E-08	3.22E-07
1877	495461.06	3859201.99	4.52E-04	4.41E-04	4.35E-04	1.56E-07	4.72E-07	2.73E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.62E-08	5.75E-08	1.01E-08	5.71E-08	3.20E-07
1878	495511.06	3859201.99	4.49E-04	4.38E-04	4.32E-04	1.55E-07	4.69E-07	2.72E-07	2.65E-07	2.40E-07	1.10E-07	1.08E-07	5.19E-09	1.25E-07	2.77E-08	3.60E-08	5.71E-08	1.01E-08	5.68E-08	3.18E-07
1879	495561.06	3859201.99	4.44E-04	4.34E-04	4.28E-04	1.54E-07	4.64E-07	2.69E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.15E-07
1880	495611.06	3859201.99	4.41E-04	4.30E-04	4.24E-04	1.53E-07	4.61E-07	2.67E-07	2.60E-07	2.36E-07	1.08E-07	1.06E-07	5.09E-09	1.23E-07	2.71E-08	3.53E-08	5.60E-08	9.87E-09	5.57E-08	3.12E-07
1881	495661.06	3859201.99	4.38E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.34E-07	1.07E-07	1.06E-07	5.06E-09	1.22E-07	2.70E-08	3.51E-08	5.57E-08	9.82E-09	5.54E-08	3.10E-07
1882	494311.06	3859251.99	5.90E-04	5.76E-04	5.68E-04	2.04E-07	6.17E-07	3.57E-07	3.48E-07	3.16E-07	1.44E-07	1.42E-07	6.82E-09	1.65E-07	3.63E-08	4.73E-08	7.50E-08	1.32E-08	7.46E-08	4.18E-07
1883	494361.06	3859251.99	5.83E-04	5.69E-04	5.62E-04	2.02E-07	6.10E-07	3.53E-07	3.44E-07	3.12E-07	1.42E-07	1.41E-07	6.74E-09	1.63E-07	3.59E-08	4.68E-08	7.42E-08	1.31E-08	7.38E-08	4.13E-07
1884	494411.06	3859251.99	5.74E-04	5.60E-04	5.53E-04	1.99E-07	6.00E-07	3.47E-07	3.39E-07	3.07E-07	1.40E-07	1.38E-07	6.64E-09	1.60E-07	3.54E-08	4.60E-08	7.30E-08	1.29E-08	7.26E-08	4.07E-07
1885	494461.06	3859251.99	5.68E-04	5.55E-04	5.47E-04	1.97E-07	5.94E-07	3.44E-07	3.36E-07	3.04E-07	1.39E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.56E-08	7.23E-08	1.27E-08	7.19E-08	4.03E-07
1886	494511.06	3859251.99	5.58E-04	5.45E-04	5.37E-04	1.93E-07	5.83E-07	3.38E-07	3.29E-07	2.99E-07	1.36E-07	1.34E-07	6.45E-09	1.56E-07	3.44E-08	4.47E-08	7.10E-08	1.25E-08	7.06E-08	3.95E-07
1887	494561.06	3859251.99	5.52E-04	5.38E-04	5.31E-04	1.91E-07	5.77E-07	3.34E-07	3.26E-07	2.95E-07	1.35E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.42E-08	7.02E-08	1.24E-08	6.98E-08	3.91E-07
1888	494611.06	3859251.99	5.44E-04	5.31E-04	5.24E-04	1.88E-07	5.68E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.29E-09	1.52E-07	3.35E-08	4.36E-08	6.92E-08	1.22E-08	6.88E-08	3.85E-07
1889	494661.06	3859251.99	5.39E-04	5.26E-04	5.19E-04	1.87E-07	5.63E-07	3.26E-07	3.18E-07	2.88E-07	1.32E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.32E-08	6.85E-08	1.21E-08	6.82E-08	3.82E-07
1890	494711.06	3859251.99	5.33E-04	5.20E-04	5.13E-04	1.84E-07	5.57E-07	3.22E-07	3.15E-07	2.85E-07	1.30E-07	1.28E-07	6.16E-09	1.49E-07	3.28E-08	4.27E-08	6.77E-08	1.19E-08	6.74E-08	3.77E-07
1891	494761.06	3859251.99	5.19E-04	5.07E-04	5.00E-04	1.80E-07	5.43E-07	3.14E-07	3.07E-07	2.78E-07	1.27E-07	1.25E-07	6.00E-09	1.45E-07	3.20E-08	4.16E-08	6.61E-08	1.16E-08	6.57E-08	3.68E-07
1892	494811.06	3859251.99	5.17E-04	5.05E-04	4.98E-04	1.79E-07	5.41E-07	3.13E-07	3.05E-07	2.77E-07	1.26E-07	1.25E-07	5.98E-09	1.44E-07	3.19E-08	4.15E-08	6.58E-08	1.16E-08	6.54E-08	3.67E-07
1893	494861.06	3859251.99	5.04E-04	4.92E-04	4.86E-04	1.75E-07	5.27E-07	3.05E-07	2.98E-07	2.70E-07	1.23E-07	1.22E-07	5.83E-09	1.41E-07	3.11E-08	4.04E-08	6.42E-08	1.13E-08	6.38E-08	3.57E-07
1894	494911.06	3859251.99	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.19E-07	3.01E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.98E-08	6.32E-08	1.11E-08	6.29E-08	3.52E-07
1895	494961.06	3859251.99	4.91E-04	4.79E-04	4.73E-04	1.70E-07	5.13E-07	2.97E-07	2.90E-07	2.63E-07	1.20E-07	1.18E-07	5.67E-09	1.37E-07	3.02E-08	3.93E-08	6.24E-08	1.10E-08	6.21E-08	3.48E-07
1896	495011.06	3859251.99	4.85E-04	4.73E-04	4.67E-04	1.68E-07	5.06E-07	2.93E-07	2.86E-07	2.59E-07	1.18E-07	1.17E-07	5.60E-09	1.35E-07	2.99E-08	3.88E-08	6.16E-08	1.09E-08	6.13E-08	3.43E-07
1897	495061.06	3859251.99	4.83E-04	4.71E-04	4.65E-04	1.67E-07	5.05E-07	2.92E-07	2.85E-07	2.58E-07	1.18E-07	1.16E-07	5.58E-09	1.35E-07	2.98E-08	3.87E-08	6.14E-08	1.08E-08	6.11E-08	3.42E-07
1898	495111.06	3859251.99	4.80E-04	4.68E-04	4.62E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.57E-07	1.17E-07	1.16E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.10E-08	1.07E-08	6.07E-08	3.40E-07
1899	495161.06	3859251.99	4.77E-04	4.65E-04	4.59E-04	1.65E-07	4.98E-07	2.88E-07	2.81E-07	2.55E-07	1.16E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	3.82E-08	6.06E-08	1.07E-08	6.03E-08	3.38E-07
1900	495211.06	3859251.99	4.73E-04	4.62E-04	4.55E-04	1.64E-07	4.94E-07	2.86E-07	2.79E-07	2.53E-07	1.16E-07	1.14E-07	5.47E-09	1.32E-07	2.91E-08	3.79E-08	6.01E-08	1.06E-08	5.98E-08	3.35E-07
1901	495261.06	3859251.99	4.69E-04	4.58E-04	4.52E-04	1.62E-07	4.90E-07	2.84E-07	2.77E-07	2.51E-07	1.15E-07	1.13E-07	5.42E-09	1.31E-07	2.89E-08	3.76E-08	5.97E-08	1.05E-08	5.93E-08	3.32E-07
1902	495311.06	3859251.99	4.69E-04	4.57E-04	4.51E-04	1.62E-07	4.90E-07	2.84E-07	2.77E-07	2.51E-07	1.14E-07	1.13E-07	5.42E-09	1.31E-07	2.89E-08	3.76E-08	5.96E-08	1.05E-08	5.93E-08	3.32E-07
1903	495361.06	3859251.99	4.66E-04	4.55E-04	4.49E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.39E-09	1.30E-07	2.87E-08	3.73E-08	5.92E-08	1.04E-08	5.89E-08	3.30E-07
1904	495411.06	3859251.99	4.65E-04	4.54E-04	4.48E-04	1.61E-07	4.86E-07	2.81E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.38E-09	1.30E-07	2.87E-08	3.73E-08	5.91E-08	1.04E-08	5.88E-08	3.30E-07
1905	495461.06	3859251.99	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
1906	495511.06	3859251.99	4.58E-04	4.47E-04	4.41E-04	1.58E-07	4.78E-07	2.77E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.67E-08	5.82E-08	1.03E-08	5.79E-08	3.24E-07
1907	495561.06	3859251.99	4.54E-04	4.43E-04	4.37E-04	1.57E-07	4.75E-07	2.75E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.25E-09	1.27E-07	2.80E-08	3.64E-08	5.78E-08	1.02E-08	5.75E-08	3.22E-07
1908	495611.06	3859251.99	4.50E-04	4.39E-04	4.33E-04	1.56E-07	4.70E-07	2.72E-07	2.66E-07	2.41E-07	1.10E-07	1.08E-07	5.20E-09	1.26E-07	2.77E-08	3.61E-08	5.72E-08	1.01E-08	5.69E-08	3.19E-07
1909	495661.06	3859251.99	4.47E-04	4.36E-04	4.30E-04	1.55E-07	4.67E-07	2.70E-07	2.64E-07	2.39E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.75E-08	3.58E-08	5.68E-08	1.00E-08	5.65E-08	3.17E-07
1910	494311.06	3859301.99	6.06E-04	5.91E-04	5.84E-04	2.10E-07	6.34E-07	3.67E-07	3.58E-07	3.24E-07	1.48E-07	1.46E-07	7.01E-09	1.69E-07	3.73E-08	4.86E-08	7.71E-08	1.36E-08	7.67E-08	4.30E-07
1911	494361.06	3859301.99	5.98E-04	5.84E-04	5.76E-04	2.07E-07	6.25E-07	3.62E-07	3.53E-07	3.20E-07	1.46E-07	1.44E-07	6.92E-09	1.67E-07	3.69E-08	4.80E-08	7.61E-08	1.34E-08	7.57E-08	4.24E-07
1912	494411.06	3859301.99	5.89E-04	5.75E-04	5.67E-04	2.04E-07	6.16E-07	3.56E-07	3.48E-07	3.15E-07	1.44E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.72E-08	7.49E-08	1.32E-08	7.45E-08	4.17E-07
1913	494461.06	3859301.99	5.80E-04	5.66E-04	5.58E-04	2.01E-07	6.06E-07	3.51E-07	3.42E-07	3.10E-07	1.42E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.65E-08	7.38E-08	1.30E-08	7.34E-08	4.11E-07
1914	494511.06	3859301.99	5.72E-04	5.58E-04	5.50E-04	1.98E-07	5.98E-07	3.46E-07	3.38E-07	3.06E-07	1.40E-07	1.38E-07	6.61E-09	1.60E-07	3.52E-08	4.58E-08	7.27E-08	1.28E-08	7.23E-08	4.05E-07
1915	494561.06	3859301.99	5.65E-04	5.52E-04	5.44E-04	1.96E-07	5.91E-07	3.42E-07	3.34E-07	3.03E-07	1.38E-07	1.36E-07	6.54E-09	1.58E-07	3.48E-08	4.53E-08	7.19E-08	1.27E-08	7.15E-08	4.01E-07
1916	494611.06	3859301.99	5.58E-04	5.45E-04	5.37E-04	1.93E-07	5.83E-07	3.38E-07	3.29E-07	2.99E-07	1.36E-07	1.34E-07	6.45E-09	1.56E-07	3.44E-08	4.47E-08	7.10E-08	1.25E-08	7.06E-08	3.95E-07
1917	494661.06	3859301.99	5.51E-04	5.38E-04	5.30E-04	1.91E-07	5.76E-07	3.33E-07	3.25E-07	2.95E-07	1.35E-07	1.33E-07	6.37E-09	1.54E-07	3.39E-08	4.42E-08	7.01E-08	1.23E-08	6.97E-08	3.90E-07
1918	494711.06	3859301.99	5.43E-04	5.30E-04	5.23E-04	1.88E-07	5.68E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.28E-09	1.52E-07	3.35E-08	4.35E-08	6.91E-08	1.22E-08	6.87E-08	3.85E-07

1919	494761.06	3859301.99	5.36E-04	5.23E-04	5.16E-04	1.86E-07	5.60E-07	3.24E-07	3.16E-07	2.87E-07	1.31E-07	1.29E-07	6.20E-09	1.50E-07	3.30E-08	4.30E-08	6.82E-08	1.20E-08	6.78E-08	3.80E-07
1920	494811.06	3859301.99	5.27E-04	5.14E-04	5.07E-04	1.82E-07	5.51E-07	3.19E-07	3.11E-07	2.82E-07	1.29E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.22E-08	6.70E-08	1.18E-08	6.66E-08	3.73E-07
1921	494861.06	3859301.99	5.16E-04	5.03E-04	4.97E-04	1.79E-07	5.39E-07	3.12E-07	3.04E-07	2.76E-07	1.26E-07	1.24E-07	5.96E-09	1.44E-07	3.18E-08	4.13E-08	6.56E-08	1.16E-08	6.52E-08	3.65E-07
1922	494911.06	3859301.99	5.09E-04	4.97E-04	4.90E-04	1.76E-07	5.32E-07	3.08E-07	3.01E-07	2.72E-07	1.24E-07	1.23E-07	5.88E-09	1.42E-07	3.14E-08	4.08E-08	6.47E-08	1.14E-08	6.44E-08	3.61E-07
1923	494961.06	3859301.99	4.98E-04	4.86E-04	4.79E-04	1.72E-07	5.20E-07	3.01E-07	2.94E-07	2.66E-07	1.22E-07	1.20E-07	5.75E-09	1.39E-07	3.07E-08	3.99E-08	6.33E-08	1.12E-08	6.30E-08	3.53E-07
1924	495011.06	3859301.99	4.92E-04	4.81E-04	4.74E-04	1.70E-07	5.15E-07	2.98E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.69E-09	1.38E-07	3.03E-08	3.95E-08	6.26E-08	1.10E-08	6.23E-08	3.49E-07
1925	495061.06	3859301.99	4.94E-04	4.82E-04	4.76E-04	1.71E-07	5.16E-07	2.99E-07	2.92E-07	2.64E-07	1.21E-07	1.19E-07	5.71E-09	1.38E-07	3.04E-08	3.96E-08	6.28E-08	1.11E-08	6.25E-08	3.50E-07
1926	495111.06	3859301.99	4.88E-04	4.77E-04	4.70E-04	1.69E-07	5.10E-07	2.95E-07	2.88E-07	2.61E-07	1.19E-07	1.18E-07	5.64E-09	1.36E-07	3.01E-08	3.91E-08	6.21E-08	1.09E-08	6.18E-08	3.46E-07
1927	495161.06	3859301.99	4.86E-04	4.74E-04	4.68E-04	1.68E-07	5.08E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.62E-09	1.36E-07	3.00E-08	3.90E-08	6.18E-08	1.09E-08	6.15E-08	3.45E-07
1928	495211.06	3859301.99	4.85E-04	4.74E-04	4.67E-04	1.68E-07	5.07E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	3.89E-08	6.17E-08	1.09E-08	6.14E-08	3.44E-07
1929	495261.06	3859301.99	4.83E-04	4.72E-04	4.65E-04	1.67E-07	5.05E-07	2.92E-07	2.85E-07	2.59E-07	1.18E-07	1.16E-07	5.59E-09	1.35E-07	2.98E-08	3.87E-08	6.15E-08	1.08E-08	6.11E-08	3.42E-07
1930	495311.06	3859301.99	4.79E-04	4.67E-04	4.61E-04	1.66E-07	5.00E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.53E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.05E-08	3.39E-07
1931	495361.06	3859301.99	4.77E-04	4.66E-04	4.59E-04	1.65E-07	4.99E-07	2.89E-07	2.82E-07	2.55E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.82E-08	6.07E-08	1.07E-08	6.03E-08	3.38E-07
1932	495411.06	3859301.99	4.75E-04	4.63E-04	4.57E-04	1.64E-07	4.96E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.49E-09	1.33E-07	2.92E-08	3.80E-08	6.04E-08	1.06E-08	6.00E-08	3.36E-07
1933	495461.06	3859301.99	4.72E-04	4.61E-04	4.55E-04	1.63E-07	4.93E-07	2.86E-07	2.79E-07	2.53E-07	1.15E-07	1.14E-07	5.46E-09	1.32E-07	2.91E-08	3.78E-08	6.00E-08	1.06E-08	5.97E-08	3.35E-07
1934	495511.06	3859301.99	4.68E-04	4.57E-04	4.51E-04	1.62E-07	4.89E-07	2.83E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.41E-09	1.31E-07	2.88E-08	3.75E-08	5.95E-08	1.05E-08	5.92E-08	3.32E-07
1935	495561.06	3859301.99	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
1936	495611.06	3859301.99	4.59E-04	4.48E-04	4.42E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.30E-09	1.28E-07	2.83E-08	3.68E-08	5.84E-08	1.03E-08	5.80E-08	3.25E-07
1937	495661.06	3859301.99	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
1938	494311.06	3859351.99	6.20E-04	6.05E-04	5.97E-04	2.15E-07	6.48E-07	3.75E-07	3.66E-07	3.32E-07	1.51E-07	1.49E-07	7.17E-09	1.73E-07	3.82E-08	4.97E-08	7.89E-08	1.39E-08	7.84E-08	4.40E-07
1939	494361.06	3859351.99	6.12E-04	5.98E-04	5.90E-04	2.12E-07	6.40E-07	3.71E-07	3.62E-07	3.28E-07	1.50E-07	1.48E-07	7.08E-09	1.71E-07	3.77E-08	4.91E-08	7.79E-08	1.37E-08	7.74E-08	4.34E-07
1940	494411.06	3859351.99	6.02E-04	5.87E-04	5.80E-04	2.08E-07	6.29E-07	3.64E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.96E-09	1.68E-07	3.71E-08	4.83E-08	7.66E-08	1.35E-08	7.61E-08	4.27E-07
1941	494461.06	3859351.99	5.93E-04	5.79E-04	5.71E-04	2.05E-07	6.20E-07	3.59E-07	3.50E-07	3.17E-07	1.45E-07	1.43E-07	6.85E-09	1.66E-07	3.65E-08	4.75E-08	7.54E-08	1.33E-08	7.50E-08	4.20E-07
1942	494511.06	3859351.99	5.85E-04	5.70E-04	5.63E-04	2.02E-07	6.11E-07	3.54E-07	3.45E-07	3.13E-07	1.43E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.69E-08	7.43E-08	1.31E-08	7.39E-08	4.14E-07
1943	494561.06	3859351.99	5.78E-04	5.64E-04	5.57E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.10E-07	1.41E-07	1.39E-07	6.69E-09	1.61E-07	3.56E-08	4.64E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
1944	494611.06	3859351.99	5.71E-04	5.57E-04	5.50E-04	1.98E-07	5.97E-07	3.46E-07	3.37E-07	3.06E-07	1.40E-07	1.38E-07	6.60E-09	1.60E-07	3.52E-08	4.58E-08	7.27E-08	1.28E-08	7.23E-08	4.05E-07
1945	494661.06	3859351.99	5.64E-04	5.50E-04	5.43E-04	1.95E-07	5.89E-07	3.41E-07	3.33E-07	3.02E-07	1.38E-07	1.36E-07	6.52E-09	1.57E-07	3.47E-08	4.52E-08	7.17E-08	1.26E-08	7.13E-08	4.00E-07
1946	494711.06	3859351.99	5.55E-04	5.41E-04	5.34E-04	1.92E-07	5.80E-07	3.36E-07	3.28E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.45E-08	7.05E-08	1.24E-08	7.02E-08	3.93E-07
1947	494761.06	3859351.99	5.43E-04	5.30E-04	5.23E-04	1.88E-07	5.67E-07	3.28E-07	3.20E-07	2.90E-07	1.33E-07	1.31E-07	6.27E-09	1.52E-07	3.34E-08	4.35E-08	6.90E-08	1.22E-08	6.86E-08	3.85E-07
1948	494811.06	3859351.99	5.32E-04	5.19E-04	5.12E-04	1.84E-07	5.56E-07	3.22E-07	3.14E-07	2.85E-07	1.30E-07	1.28E-07	6.15E-09	1.49E-07	3.28E-08	4.26E-08	6.76E-08	1.19E-08	6.73E-08	3.77E-07
1949	494861.06	3859351.99	5.26E-04	5.13E-04	5.07E-04	1.82E-07	5.50E-07	3.18E-07	3.11E-07	2.82E-07	1.28E-07	1.27E-07	6.08E-09	1.47E-07	3.24E-08	4.22E-08	6.69E-08	1.18E-08	6.65E-08	3.73E-07
1950	494911.06	3859351.99	5.22E-04	5.09E-04	5.02E-04	1.81E-07	5.45E-07	3.16E-07	3.08E-07	2.79E-07	1.27E-07	1.26E-07	6.03E-09	1.46E-07	3.21E-08	4.18E-08	6.63E-08	1.17E-08	6.60E-08	3.70E-07
1951	494961.06	3859351.99	5.15E-04	5.02E-04	4.96E-04	1.78E-07	5.38E-07	3.12E-07	3.04E-07	2.76E-07	1.26E-07	1.24E-07	5.95E-09	1.44E-07	3.17E-08	4.13E-08	6.55E-08	1.15E-08	6.51E-08	3.65E-07
1952	495011.06	3859351.99	5.10E-04	4.98E-04	4.91E-04	1.77E-07	5.33E-07	3.09E-07	3.01E-07	2.73E-07	1.25E-07	1.23E-07	5.90E-09	1.42E-07	3.14E-08	4.09E-08	6.49E-08	1.14E-08	6.45E-08	3.62E-07
1953	495061.06	3859351.99	5.10E-04	4.98E-04	4.91E-04	1.77E-07	5.33E-07	3.09E-07	3.01E-07	2.73E-07	1.25E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.09E-08	6.48E-08	1.14E-08	6.45E-08	3.61E-07
1954	495111.06	3859351.99	5.04E-04	4.92E-04	4.86E-04	1.75E-07	5.27E-07	3.05E-07	2.98E-07	2.70E-07	1.23E-07	1.22E-07	5.83E-09	1.41E-07	3.11E-08	4.04E-08	6.42E-08	1.13E-08	6.38E-08	3.57E-07
1955	495161.06	3859351.99	5.01E-04	4.89E-04	4.83E-04	1.73E-07	5.24E-07	3.03E-07	2.96E-07	2.68E-07	1.22E-07	1.21E-07	5.79E-09	1.40E-07	3.09E-08	4.02E-08	6.37E-08	1.12E-08	6.34E-08	3.55E-07
1956	495211.06	3859351.99	4.98E-04	4.86E-04	4.79E-04	1.72E-07	5.20E-07	3.01E-07	2.94E-07	2.66E-07	1.22E-07	1.20E-07	5.75E-09	1.39E-07	3.07E-08	3.99E-08	6.33E-08	1.12E-08	6.30E-08	3.53E-07
1957	495261.06	3859351.99	4.95E-04	4.83E-04	4.77E-04	1.71E-07	5.18E-07	3.00E-07	2.92E-07	2.65E-07	1.21E-07	1.19E-07	5.73E-09	1.38E-07	3.05E-08	3.97E-08	6.30E-08	1.11E-08	6.26E-08	3.51E-07
1958	495311.06	3859351.99	4.91E-04	4.79E-04	4.73E-04	1.70E-07	5.13E-07	2.97E-07	2.90E-07	2.63E-07	1.20E-07	1.18E-07	5.67E-09	1.37E-07	3.02E-08	3.93E-08	6.24E-08	1.10E-08	6.21E-08	3.48E-07
1959	495361.06	3859351.99	4.87E-04	4.76E-04	4.69E-04	1.69E-07	5.10E-07	2.95E-07	2.88E-07	2.61E-07	1.19E-07	1.17E-07	5.64E-09	1.36E-07	3.00E-08	3.91E-08	6.20E-08	1.09E-08	6.17E-08	3.45E-07
1960	495411.06	3859351.99	4.85E-04	4.74E-04	4.67E-04	1.68E-07	5.07E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	3.89E-08	6.17E-08	1.09E-08	6.14E-08	3.44E-07
1961	495461.06	3859351.99	4.84E-04	4.72E-04	4.66E-04	1.67E-07	5.06E-07	2.93E-07	2.86E-07	2.59E-07	1.18E-07	1.17E-07	5.59E-09	1.35E-07	2.98E-08	3.88E-08	6.15E-08	1.08E-08	6.12E-08	3.43E-07
1962	495511.06	3859351.99	4.78E-04	4.66E-04	4.60E-04	1.65E-07	5.00E-07	2.89E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.83E-08	6.08E-08	1.07E-08	6.04E-08	3.39E-07
1963	495561.06	3859351.99	4.74E-04	4.62E-04	4.56E-04	1.64E-07	4.95E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.48E-09	1.32E-07	2.92E-08	3.80E-08	6.03E-08	1.06E-08	5.99E-08	3.36E-07
1964	495611.06	3859351.99	4.70E-04	4.59E-04	4.53E-04	1.63E-07	4.92E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.13E-07	5.44E-09	1.31E-07	2.90E-08	3.77E-08	5.98E-08	1.05E-08	5.95E-08	3.33E-07
1965	495661.06	3859351.99	4.65E-04	4.54E-04	4.48E-04	1.61E-07	4.86E-07	2.81E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.38E-09	1.30E-07	2.87E-08	3.73E-08	5.91E-08	1.04E-08	5.88E-08	3.30E-07
1966	494311.06	3859401.99	6.36E-04	6.21E-04	6.13E-04	2.20E-07	6.65E-07	3.85E-07	3.76E-07	3.41E-07	1.55E-07	1.53E-07	7.36E-09	1.78E-07	3.92E-08	5.10E-08	8.09E-08	1.43E-08	8.05E-08	4.51E-07
1967	494361.06	3859401.99	6.25E-04	6.10E-04	6.02E-04	2.16E-07	6.53E-07	3.78E-07	3.69E-07	3.35E-07	1.53E-07	1.51E-07	7.23E-09	1.75E-07	3.85E-08	5.01E-08	7.95E-08	1.40E-08	7.91E-08	4.43E-07
1968	494411.06	3859401.99	6.15E-04	6.00E-04	5.92E-04	2.13E-07	6.43E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.11E-09	1.72E-07	3.79E-08	4.93E-08	7.82E-08	1.38E-08	7.78E-08	4.36E-07
1969	494461.06	3859401.99	6.06E-04	5.91E-04	5.84E-04	2.10E-07	6.34E-07	3.67E-07	3.58E-07	3.24E-07	1.48E-07	1.46E-07	7.01E-09	1.69E-07	3.73E-08	4.86E-08	7.71E-08	1.36E-08	7.67E-08	4.30E-07
1970	494511.06	3859401.99	5.99E-04	5.85E-04	5.77E-04	2.08E-07	6.27E-07	3.63E-07	3.54E-07	3.21E-07	1.46E-07	1.44E-07	6.93E-09	1.67E-07	3.69E-08	4.81E-08	7.62E-08	1.34E-08	7.58E-08	4.25E-07
1971	494561.06	3859401.99	5.93E-04	5.79E-04	5.71E-04	2.05E-07	6.20E-07	3.59E-07	3.50E-07	3.17E-07	1.45E-07	1.43E-07	6.85E-09	1.66E-07	3.65E-08	4.75E-08	7.54E-08	1.33E-08	7.50E-08	4.20E-07
1972	494611.06	3859401.99	5.85E-04	5.70E-04	5.63E-04	2.02E-07	6.11E-07	3.54E-07	3.45E-07	3.13E-07	1.43E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.69E-08	7.43E-08	1.31E-08	7.39E-08	4.14E-07
1973	494661.06	3859401.99	5.79E-04	5.65E-04	5.57E-04	2.00E-07	6.05E-07	3.50E-07	3.42E-07	3.10E-07	1.41E-07	1.39E-07	6.69E-09	1.62E-07	3.57E-08	4.64E-08	7.36E-08	1.30E-08	7.32E-08	4.10E-07

1974	494711.06	3859401.99	5.71E-04	5.57E-04	5.50E-04	1.98E-07	5.97E-07	3.45E-07	3.37E-07	3.06E-07	1.39E-07	1.38E-07	6.60E-09	1.59E-07	3.52E-08	4.58E-08	7.26E-08	1.28E-08	7.22E-08	4.05E-07
1975	494761.06	3859401.99	5.57E-04	5.44E-04	5.36E-04	1.93E-07	5.82E-07	3.37E-07	3.29E-07	2.98E-07	1.36E-07	1.34E-07	6.44E-09	1.56E-07	3.43E-08	4.47E-08	7.09E-08	1.25E-08	7.05E-08	3.95E-07
1976	494811.06	3859401.99	5.50E-04	5.37E-04	5.30E-04	1.90E-07	5.75E-07	3.33E-07	3.25E-07	2.94E-07	1.34E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.41E-08	7.00E-08	1.23E-08	6.96E-08	3.90E-07
1977	494861.06	3859401.99	5.40E-04	5.27E-04	5.20E-04	1.87E-07	5.64E-07	3.27E-07	3.19E-07	2.89E-07	1.32E-07	1.30E-07	6.24E-09	1.51E-07	3.33E-08	4.33E-08	6.86E-08	1.21E-08	6.83E-08	3.82E-07
1978	494911.06	3859401.99	5.31E-04	5.19E-04	5.12E-04	1.84E-07	5.55E-07	3.22E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.76E-08	1.19E-08	6.72E-08	3.77E-07
1979	494961.06	3859401.99	5.28E-04	5.15E-04	5.09E-04	1.83E-07	5.52E-07	3.20E-07	3.12E-07	2.83E-07	1.29E-07	1.27E-07	6.10E-09	1.47E-07	3.25E-08	4.23E-08	6.72E-08	1.18E-08	6.68E-08	3.74E-07
1980	495011.06	3859401.99	5.24E-04	5.12E-04	5.05E-04	1.82E-07	5.48E-07	3.17E-07	3.10E-07	2.81E-07	1.28E-07	1.26E-07	6.06E-09	1.46E-07	3.23E-08	4.20E-08	6.67E-08	1.18E-08	6.63E-08	3.72E-07
1981	495061.06	3859401.99	5.20E-04	5.07E-04	5.01E-04	1.80E-07	5.43E-07	3.15E-07	3.07E-07	2.78E-07	1.27E-07	1.25E-07	6.01E-09	1.45E-07	3.20E-08	4.17E-08	6.61E-08	1.17E-08	6.57E-08	3.68E-07
1982	495111.06	3859401.99	5.14E-04	5.02E-04	4.95E-04	1.78E-07	5.37E-07	3.11E-07	3.04E-07	2.75E-07	1.26E-07	1.24E-07	5.94E-09	1.44E-07	3.17E-08	4.12E-08	6.54E-08	1.15E-08	6.50E-08	3.64E-07
1983	495161.06	3859401.99	5.13E-04	5.00E-04	4.94E-04	1.78E-07	5.36E-07	3.10E-07	3.03E-07	2.74E-07	1.25E-07	1.24E-07	5.93E-09	1.43E-07	3.16E-08	4.11E-08	6.52E-08	1.15E-08	6.49E-08	3.63E-07
1984	495211.06	3859401.99	5.11E-04	4.98E-04	4.92E-04	1.77E-07	5.34E-07	3.09E-07	3.02E-07	2.73E-07	1.25E-07	1.23E-07	5.90E-09	1.43E-07	3.15E-08	4.09E-08	6.49E-08	1.14E-08	6.46E-08	3.62E-07
1985	495261.06	3859401.99	5.07E-04	4.95E-04	4.88E-04	1.75E-07	5.30E-07	3.07E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.86E-09	1.42E-07	3.12E-08	4.06E-08	6.45E-08	1.14E-08	6.41E-08	3.59E-07
1986	495311.06	3859401.99	5.03E-04	4.91E-04	4.84E-04	1.74E-07	5.26E-07	3.04E-07	2.97E-07	2.69E-07	1.23E-07	1.21E-07	5.81E-09	1.40E-07	3.10E-08	4.03E-08	6.39E-08	1.13E-08	6.36E-08	3.56E-07
1987	495361.06	3859401.99	5.01E-04	4.89E-04	4.83E-04	1.73E-07	5.24E-07	3.03E-07	2.96E-07	2.68E-07	1.22E-07	1.21E-07	5.79E-09	1.40E-07	3.09E-08	4.02E-08	6.37E-08	1.12E-08	6.34E-08	3.55E-07
1988	495411.06	3859401.99	4.99E-04	4.87E-04	4.80E-04	1.73E-07	5.21E-07	3.02E-07	2.94E-07	2.67E-07	1.22E-07	1.20E-07	5.76E-09	1.39E-07	3.07E-08	4.00E-08	6.34E-08	1.12E-08	6.31E-08	3.53E-07
1989	495461.06	3859401.99	4.94E-04	4.82E-04	4.76E-04	1.71E-07	5.16E-07	2.99E-07	2.92E-07	2.64E-07	1.21E-07	1.19E-07	5.71E-09	1.38E-07	3.04E-08	3.96E-08	6.28E-08	1.11E-08	6.25E-08	3.50E-07
1990	495511.06	3859401.99	4.88E-04	4.77E-04	4.70E-04	1.69E-07	5.10E-07	2.95E-07	2.88E-07	2.61E-07	1.19E-07	1.18E-07	5.64E-09	1.36E-07	3.01E-08	3.91E-08	6.21E-08	1.09E-08	6.18E-08	3.46E-07
1991	495561.06	3859401.99	4.83E-04	4.71E-04	4.65E-04	1.67E-07	5.04E-07	2.92E-07	2.85E-07	2.58E-07	1.18E-07	1.16E-07	5.58E-09	1.35E-07	2.97E-08	3.87E-08	6.14E-08	1.08E-08	6.10E-08	3.42E-07
1992	495611.06	3859401.99	4.79E-04	4.67E-04	4.61E-04	1.66E-07	5.00E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.53E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.05E-08	3.39E-07
1993	495661.06	3859401.99	4.75E-04	4.64E-04	4.58E-04	1.65E-07	4.97E-07	2.88E-07	2.81E-07	2.54E-07	1.16E-07	1.15E-07	5.50E-09	1.33E-07	2.93E-08	3.81E-08	6.05E-08	1.07E-08	6.01E-08	3.37E-07
1994	494311.06	3859451.99	6.49E-04	6.34E-04	6.25E-04	2.25E-07	6.79E-07	3.93E-07	3.83E-07	3.48E-07	1.59E-07	1.56E-07	7.51E-09	1.81E-07	4.00E-08	5.20E-08	8.26E-08	1.46E-08	8.21E-08	4.60E-07
1995	494361.06	3859451.99	6.39E-04	6.23E-04	6.15E-04	2.21E-07	6.68E-07	3.87E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.39E-09	1.78E-07	3.94E-08	5.12E-08	8.13E-08	1.43E-08	8.08E-08	4.53E-07
1996	494411.06	3859451.99	6.25E-04	6.10E-04	6.02E-04	2.16E-07	6.53E-07	3.78E-07	3.69E-07	3.35E-07	1.53E-07	1.51E-07	7.23E-09	1.75E-07	3.85E-08	5.01E-08	7.95E-08	1.40E-08	7.91E-08	4.43E-07
1997	494461.06	3859451.99	6.20E-04	6.05E-04	5.97E-04	2.15E-07	6.48E-07	3.75E-07	3.66E-07	3.32E-07	1.51E-07	1.49E-07	7.16E-09	1.73E-07	3.82E-08	4.97E-08	7.88E-08	1.39E-08	7.84E-08	4.39E-07
1998	494511.06	3859451.99	6.11E-04	5.96E-04	5.88E-04	2.12E-07	6.39E-07	3.70E-07	3.61E-07	3.27E-07	1.49E-07	1.47E-07	7.06E-09	1.71E-07	3.77E-08	4.90E-08	7.77E-08	1.37E-08	7.73E-08	4.33E-07
1999	494561.06	3859451.99	6.04E-04	5.90E-04	5.82E-04	2.09E-07	6.32E-07	3.66E-07	3.57E-07	3.24E-07	1.48E-07	1.46E-07	6.99E-09	1.69E-07	3.72E-08	4.85E-08	7.69E-08	1.35E-08	7.64E-08	4.28E-07
2000	494611.06	3859451.99	5.99E-04	5.85E-04	5.77E-04	2.08E-07	6.27E-07	3.63E-07	3.54E-07	3.21E-07	1.46E-07	1.44E-07	6.93E-09	1.67E-07	3.69E-08	4.81E-08	7.62E-08	1.34E-08	7.58E-08	4.25E-07
2001	494661.06	3859451.99	5.91E-04	5.76E-04	5.69E-04	2.05E-07	6.17E-07	3.57E-07	3.49E-07	3.16E-07	1.44E-07	1.42E-07	6.83E-09	1.65E-07	3.64E-08	4.74E-08	7.51E-08	1.32E-08	7.47E-08	4.19E-07
2002	494711.06	3859451.99	5.82E-04	5.68E-04	5.61E-04	2.02E-07	6.09E-07	3.52E-07	3.44E-07	3.12E-07	1.42E-07	1.40E-07	6.73E-09	1.63E-07	3.59E-08	4.67E-08	7.41E-08	1.31E-08	7.37E-08	4.13E-07
2003	494761.06	3859451.99	5.75E-04	5.62E-04	5.54E-04	1.99E-07	6.01E-07	3.48E-07	3.40E-07	3.08E-07	1.41E-07	1.39E-07	6.65E-09	1.61E-07	3.55E-08	4.61E-08	7.32E-08	1.29E-08	7.28E-08	4.08E-07
2004	494811.06	3859451.99	5.65E-04	5.51E-04	5.44E-04	1.96E-07	5.91E-07	3.42E-07	3.34E-07	3.02E-07	1.38E-07	1.36E-07	6.53E-09	1.58E-07	3.48E-08	4.53E-08	7.19E-08	1.27E-08	7.15E-08	4.00E-07
2005	494861.06	3859451.99	5.56E-04	5.43E-04	5.36E-04	1.93E-07	5.82E-07	3.37E-07	3.28E-07	2.98E-07	1.36E-07	1.34E-07	6.43E-09	1.55E-07	3.43E-08	4.46E-08	7.08E-08	1.25E-08	7.04E-08	3.94E-07
2006	494911.06	3859451.99	5.49E-04	5.36E-04	5.29E-04	1.90E-07	5.74E-07	3.32E-07	3.24E-07	2.94E-07	1.34E-07	1.32E-07	6.35E-09	1.53E-07	3.38E-08	4.40E-08	6.99E-08	1.23E-08	6.95E-08	3.89E-07
2007	494961.06	3859451.99	5.45E-04	5.32E-04	5.25E-04	1.89E-07	5.70E-07	3.30E-07	3.22E-07	2.92E-07	1.33E-07	1.31E-07	6.30E-09	1.52E-07	3.36E-08	4.37E-08	6.93E-08	1.22E-08	6.89E-08	3.86E-07
2008	495011.06	3859451.99	5.40E-04	5.27E-04	5.20E-04	1.87E-07	5.64E-07	3.27E-07	3.19E-07	2.89E-07	1.32E-07	1.30E-07	6.24E-09	1.51E-07	3.33E-08	4.33E-08	6.86E-08	1.21E-08	6.83E-08	3.82E-07
2009	495061.06	3859451.99	5.35E-04	5.22E-04	5.15E-04	1.85E-07	5.59E-07	3.24E-07	3.16E-07	2.86E-07	1.31E-07	1.29E-07	6.18E-09	1.49E-07	3.29E-08	4.29E-08	6.80E-08	1.20E-08	6.76E-08	3.79E-07
2010	495111.06	3859451.99	5.29E-04	5.17E-04	5.10E-04	1.83E-07	5.53E-07	3.20E-07	3.13E-07	2.83E-07	1.29E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.24E-08	6.73E-08	1.19E-08	6.70E-08	3.75E-07
2011	495161.06	3859451.99	5.26E-04	5.13E-04	5.07E-04	1.82E-07	5.50E-07	3.18E-07	3.11E-07	2.82E-07	1.28E-07	1.27E-07	6.08E-09	1.47E-07	3.24E-08	4.22E-08	6.69E-08	1.18E-08	6.65E-08	3.73E-07
2012	495211.06	3859451.99	5.24E-04	5.11E-04	5.04E-04	1.81E-07	5.47E-07	3.17E-07	3.09E-07	2.80E-07	1.28E-07	1.26E-07	6.05E-09	1.46E-07	3.23E-08	4.20E-08	6.66E-08	1.17E-08	6.62E-08	3.71E-07
2013	495261.06	3859451.99	5.21E-04	5.08E-04	5.01E-04	1.80E-07	5.44E-07	3.15E-07	3.07E-07	2.79E-07	1.27E-07	1.25E-07	6.02E-09	1.45E-07	3.21E-08	4.17E-08	6.62E-08	1.17E-08	6.58E-08	3.69E-07
2014	495311.06	3859451.99	5.17E-04	5.04E-04	4.97E-04	1.79E-07	5.40E-07	3.13E-07	3.05E-07	2.76E-07	1.26E-07	1.24E-07	5.97E-09	1.44E-07	3.18E-08	4.14E-08	6.57E-08	1.16E-08	6.53E-08	3.66E-07
2015	495361.06	3859451.99	5.13E-04	5.01E-04	4.94E-04	1.78E-07	5.36E-07	3.11E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.93E-09	1.43E-07	3.16E-08	4.11E-08	6.53E-08	1.15E-08	6.49E-08	3.64E-07
2016	495411.06	3859451.99	5.09E-04	4.97E-04	4.90E-04	1.76E-07	5.32E-07	3.08E-07	3.01E-07	2.72E-07	1.24E-07	1.23E-07	5.88E-09	1.42E-07	3.14E-08	4.08E-08	6.47E-08	1.14E-08	6.44E-08	3.61E-07
2017	495461.06	3859451.99	5.05E-04	4.93E-04	4.87E-04	1.75E-07	5.28E-07	3.06E-07	2.98E-07	2.70E-07	1.23E-07	1.22E-07	5.84E-09	1.41E-07	3.11E-08	4.05E-08	6.43E-08	1.13E-08	6.39E-08	3.58E-07
2018	495511.06	3859451.99	4.99E-04	4.87E-04	4.80E-04	1.73E-07	5.21E-07	3.02E-07	2.94E-07	2.67E-07	1.22E-07	1.20E-07	5.76E-09	1.39E-07	3.07E-08	4.00E-08	6.34E-08	1.12E-08	6.31E-08	3.53E-07
2019	495561.06	3859451.99	4.95E-04	4.83E-04	4.76E-04	1.71E-07	5.17E-07	2.99E-07	2.92E-07	2.65E-07	1.21E-07	1.19E-07	5.72E-09	1.38E-07	3.05E-08	3.96E-08	6.29E-08	1.11E-08	6.25E-08	3.50E-07
2020	495611.06	3859451.99	4.90E-04	4.78E-04	4.72E-04	1.70E-07	5.12E-07	2.96E-07	2.89E-07	2.62E-07	1.20E-07	1.18E-07	5.66E-09	1.37E-07	3.02E-08	3.93E-08	6.23E-08	1.10E-08	6.20E-08	3.47E-07
2021	495661.06	3859451.99	4.86E-04	4.74E-04	4.68E-04	1.68E-07	5.08E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.62E-09	1.36E-07	3.00E-08	3.90E-08	6.18E-08	1.09E-08	6.15E-08	3.45E-07
2022	494311.06	3859501.99	6.64E-04	6.48E-04	6.40E-04	2.30E-07	6.94E-07	4.02E-07	3.92E-07	3.56E-07	1.62E-07	1.60E-07	7.68E-09	1.85E-07	4.09E-08	5.32E-08	8.45E-08	1.49E-08	8.40E-08	4.71E-07
2023	494361.06	3859501.99	6.53E-04	6.38E-04	6.29E-04	2.26E-07	6.83E-07	3.95E-07	3.86E-07	3.50E-07	1.60E-07	1.57E-07	7.55E-09	1.82E-07	4.03E-08	5.24E-08	8.31E-08	1.46E-08	8.26E-08	4.63E-07
2024	494411.06	3859501.99	6.36E-04	6.21E-04	6.12E-04	2.20E-07	6.65E-07	3.85E-07	3.76E-07	3.40E-07	1.55E-07	1.53E-07	7.35E-09	1.78E-07	3.92E-08	5.10E-08	8.09E-08	1.43E-08	8.04E-08	4.51E-07
2025	494461.06	3859501.99	6.34E-04	6.19E-04	6.11E-04	2.20E-07	6.63E-07	3.84E-07	3.75E-07	3.40E-07	1.55E-07	1.53E-07	7.33E-09	1.77E-07	3.91E-08	5.09E-08	8.07E-08	1.42E-08	8.02E-08	4.50E-07
2026	494511.06	3859501.99	6.24E-04	6.09E-04	6.01E-04	2.16E-07	6.53E-07	3.78E-07	3.69E-07	3.34E-07	1.52E-07	1.50E-07	7.22E-09	1.74E-07	3.85E-08	5.01E-08	7.94E-08	1.40E-08	7.90E-08	4.42E-07
2027	494561.06	3859501.99	6.17E-04	6.02E-04	5.94E-04	2.13E-07	6.44E-07	3.73E-07	3.64E-07	3.30E-07	1.51E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	4.94E-08	7.84E-08	1.38E-08	7.80E-08	4.37E-07
2028	494611.06	3859501.99	6.15E-04	6.00E-04	5.92E-04	2.13E-07	6.43E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.11E-09	1.72E-07	3.79E-08	4.93E-08	7.82E-08	1.38E-08	7.78E-08	4.36E-07

2029	494661.06	3859501.99	6.05E-04	5.90E-04	5.82E-04	2.09E-07	6.32E-07	3.66E-07	3.57E-07	3.24E-07	1.48E-07	1.46E-07	6.99E-09	1.69E-07	3.73E-08	4.85E-08	7.69E-08	1.36E-08	7.65E-08	4.29E-07
2030	494711.06	3859501.99	5.93E-04	5.79E-04	5.71E-04	2.05E-07	6.20E-07	3.59E-07	3.50E-07	3.18E-07	1.45E-07	1.43E-07	6.86E-09	1.66E-07	3.66E-08	4.76E-08	7.54E-08	1.33E-08	7.50E-08	4.20E-07
2031	494761.06	3859501.99	5.90E-04	5.76E-04	5.68E-04	2.04E-07	6.17E-07	3.57E-07	3.48E-07	3.16E-07	1.44E-07	1.42E-07	6.82E-09	1.65E-07	3.63E-08	4.73E-08	7.50E-08	1.32E-08	7.46E-08	4.18E-07
2032	494811.06	3859501.99	5.76E-04	5.62E-04	5.55E-04	1.99E-07	6.02E-07	3.49E-07	3.40E-07	3.08E-07	1.41E-07	1.39E-07	6.66E-09	1.61E-07	3.55E-08	4.62E-08	7.33E-08	1.29E-08	7.29E-08	4.08E-07
2033	494861.06	3859501.99	5.70E-04	5.56E-04	5.49E-04	1.97E-07	5.96E-07	3.45E-07	3.37E-07	3.05E-07	1.39E-07	1.37E-07	6.59E-09	1.59E-07	3.51E-08	4.57E-08	7.25E-08	1.28E-08	7.21E-08	4.04E-07
2034	494911.06	3859501.99	5.65E-04	5.52E-04	5.44E-04	1.96E-07	5.91E-07	3.42E-07	3.34E-07	3.03E-07	1.38E-07	1.36E-07	6.54E-09	1.58E-07	3.48E-08	4.53E-08	7.19E-08	1.27E-08	7.15E-08	4.01E-07
2035	494961.06	3859501.99	5.58E-04	5.45E-04	5.37E-04	1.93E-07	5.83E-07	3.38E-07	3.29E-07	2.99E-07	1.36E-07	1.34E-07	6.45E-09	1.56E-07	3.44E-08	4.47E-08	7.10E-08	1.25E-08	7.06E-08	3.95E-07
2036	495011.06	3859501.99	5.54E-04	5.40E-04	5.33E-04	1.92E-07	5.79E-07	3.35E-07	3.27E-07	2.96E-07	1.35E-07	1.33E-07	6.40E-09	1.55E-07	3.41E-08	4.44E-08	7.04E-08	1.24E-08	7.00E-08	3.92E-07
2037	495061.06	3859501.99	5.50E-04	5.36E-04	5.29E-04	1.90E-07	5.75E-07	3.33E-07	3.25E-07	2.94E-07	1.34E-07	1.32E-07	6.35E-09	1.53E-07	3.39E-08	4.41E-08	6.99E-08	1.23E-08	6.95E-08	3.90E-07
2038	495111.06	3859501.99	5.43E-04	5.30E-04	5.23E-04	1.88E-07	5.67E-07	3.28E-07	3.20E-07	2.90E-07	1.33E-07	1.31E-07	6.27E-09	1.52E-07	3.34E-08	4.35E-08	6.90E-08	1.22E-08	6.86E-08	3.85E-07
2039	495161.06	3859501.99	5.39E-04	5.26E-04	5.19E-04	1.87E-07	5.63E-07	3.26E-07	3.18E-07	2.88E-07	1.32E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.32E-08	6.85E-08	1.21E-08	6.82E-08	3.82E-07
2040	495211.06	3859501.99	5.36E-04	5.23E-04	5.17E-04	1.86E-07	5.61E-07	3.25E-07	3.17E-07	2.87E-07	1.31E-07	1.29E-07	6.20E-09	1.50E-07	3.31E-08	4.30E-08	6.82E-08	1.20E-08	6.78E-08	3.80E-07
2041	495261.06	3859501.99	5.33E-04	5.20E-04	5.13E-04	1.85E-07	5.57E-07	3.23E-07	3.15E-07	2.85E-07	1.30E-07	1.28E-07	6.16E-09	1.49E-07	3.28E-08	4.27E-08	6.78E-08	1.19E-08	6.74E-08	3.78E-07
2042	495311.06	3859501.99	5.30E-04	5.17E-04	5.10E-04	1.83E-07	5.54E-07	3.21E-07	3.13E-07	2.84E-07	1.29E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.25E-08	6.74E-08	1.19E-08	6.70E-08	3.75E-07
2043	495361.06	3859501.99	5.25E-04	5.13E-04	5.06E-04	1.82E-07	5.49E-07	3.18E-07	3.10E-07	2.81E-07	1.28E-07	1.27E-07	6.07E-09	1.47E-07	3.24E-08	4.21E-08	6.68E-08	1.18E-08	6.64E-08	3.72E-07
2044	495411.06	3859501.99	5.22E-04	5.09E-04	5.03E-04	1.81E-07	5.46E-07	3.16E-07	3.08E-07	2.79E-07	1.27E-07	1.26E-07	6.03E-09	1.46E-07	3.22E-08	4.18E-08	6.64E-08	1.17E-08	6.60E-08	3.70E-07
2045	495461.06	3859501.99	5.17E-04	5.05E-04	4.98E-04	1.79E-07	5.41E-07	3.13E-07	3.05E-07	2.77E-07	1.26E-07	1.25E-07	5.98E-09	1.44E-07	3.19E-08	4.15E-08	6.58E-08	1.16E-08	6.54E-08	3.67E-07
2046	495511.06	3859501.99	5.08E-04	4.96E-04	4.89E-04	1.76E-07	5.31E-07	3.08E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.46E-08	1.14E-08	6.43E-08	3.60E-07
2047	495561.06	3859501.99	5.07E-04	4.94E-04	4.88E-04	1.75E-07	5.29E-07	3.07E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.86E-09	1.41E-07	3.12E-08	4.06E-08	6.44E-08	1.14E-08	6.41E-08	3.59E-07
2048	495611.06	3859501.99	5.02E-04	4.90E-04	4.83E-04	1.74E-07	5.25E-07	3.04E-07	2.96E-07	2.69E-07	1.23E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.02E-08	6.38E-08	1.13E-08	6.35E-08	3.56E-07
2049	495661.06	3859501.99	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.19E-07	3.01E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.98E-08	6.32E-08	1.11E-08	6.29E-08	3.52E-07
2050	494311.06	3859551.99	6.79E-04	6.62E-04	6.54E-04	2.35E-07	7.09E-07	4.11E-07	4.01E-07	3.63E-07	1.66E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.44E-08	8.63E-08	1.52E-08	8.58E-08	4.81E-07
2051	494361.06	3859551.99	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.49E-08	8.38E-08	4.70E-07
2052	494411.06	3859551.99	6.46E-04	6.31E-04	6.22E-04	2.24E-07	6.76E-07	3.91E-07	3.82E-07	3.46E-07	1.58E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.18E-08	8.22E-08	1.45E-08	8.17E-08	4.58E-07
2053	494461.06	3859551.99	6.48E-04	6.32E-04	6.24E-04	2.24E-07	6.77E-07	3.92E-07	3.83E-07	3.47E-07	1.58E-07	1.56E-07	7.49E-09	1.81E-07	3.99E-08	5.19E-08	8.24E-08	1.45E-08	8.20E-08	4.59E-07
2054	494511.06	3859551.99	6.38E-04	6.23E-04	6.15E-04	2.21E-07	6.67E-07	3.86E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.38E-09	1.78E-07	3.93E-08	5.12E-08	8.12E-08	1.43E-08	8.08E-08	4.52E-07
2055	494561.06	3859551.99	6.30E-04	6.15E-04	6.07E-04	2.18E-07	6.59E-07	3.81E-07	3.72E-07	3.37E-07	1.54E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.05E-08	8.01E-08	1.41E-08	7.97E-08	4.47E-07
2056	494611.06	3859551.99	6.26E-04	6.11E-04	6.02E-04	2.17E-07	6.54E-07	3.79E-07	3.69E-07	3.35E-07	1.53E-07	1.51E-07	7.23E-09	1.75E-07	3.85E-08	5.02E-08	7.96E-08	1.40E-08	7.91E-08	4.43E-07
2057	494661.06	3859551.99	6.19E-04	6.04E-04	5.96E-04	2.14E-07	6.47E-07	3.75E-07	3.65E-07	3.31E-07	1.51E-07	1.49E-07	7.16E-09	1.73E-07	3.81E-08	4.96E-08	7.87E-08	1.39E-08	7.83E-08	4.39E-07
2058	494711.06	3859551.99	6.02E-04	5.87E-04	5.80E-04	2.08E-07	6.29E-07	3.64E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.96E-09	1.68E-07	3.71E-08	4.83E-08	7.66E-08	1.35E-08	7.61E-08	4.27E-07
2059	494761.06	3859551.99	6.04E-04	5.89E-04	5.81E-04	2.09E-07	6.31E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.98E-09	1.69E-07	3.72E-08	4.84E-08	7.68E-08	1.35E-08	7.63E-08	4.28E-07
2060	494811.06	3859551.99	5.92E-04	5.77E-04	5.70E-04	2.05E-07	6.18E-07	3.58E-07	3.49E-07	3.17E-07	1.44E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.74E-08	7.52E-08	1.33E-08	7.48E-08	4.19E-07
2061	494861.06	3859551.99	5.85E-04	5.71E-04	5.63E-04	2.02E-07	6.11E-07	3.54E-07	3.45E-07	3.13E-07	1.43E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.69E-08	7.44E-08	1.31E-08	7.40E-08	4.15E-07
2062	494911.06	3859551.99	5.78E-04	5.64E-04	5.56E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.68E-09	1.61E-07	3.56E-08	4.63E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
2063	494961.06	3859551.99	5.74E-04	5.60E-04	5.52E-04	1.99E-07	6.00E-07	3.47E-07	3.39E-07	3.07E-07	1.40E-07	1.38E-07	6.63E-09	1.60E-07	3.54E-08	4.60E-08	7.30E-08	1.29E-08	7.26E-08	4.07E-07
2064	495011.06	3859551.99	5.70E-04	5.56E-04	5.49E-04	1.97E-07	5.96E-07	3.45E-07	3.37E-07	3.05E-07	1.39E-07	1.37E-07	6.59E-09	1.59E-07	3.51E-08	4.57E-08	7.25E-08	1.28E-08	7.21E-08	4.04E-07
2065	495061.06	3859551.99	5.64E-04	5.51E-04	5.43E-04	1.95E-07	5.90E-07	3.41E-07	3.33E-07	3.02E-07	1.38E-07	1.36E-07	6.52E-09	1.58E-07	3.48E-08	4.52E-08	7.18E-08	1.26E-08	7.14E-08	4.00E-07
2066	495111.06	3859551.99	5.58E-04	5.45E-04	5.37E-04	1.93E-07	5.83E-07	3.38E-07	3.29E-07	2.99E-07	1.36E-07	1.34E-07	6.45E-09	1.56E-07	3.44E-08	4.47E-08	7.10E-08	1.25E-08	7.06E-08	3.95E-07
2067	495161.06	3859551.99	5.54E-04	5.41E-04	5.34E-04	1.92E-07	5.79E-07	3.35E-07	3.27E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.44E-08	7.05E-08	1.24E-08	7.01E-08	3.93E-07
2068	495211.06	3859551.99	5.52E-04	5.38E-04	5.31E-04	1.91E-07	5.77E-07	3.34E-07	3.26E-07	2.95E-07	1.35E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.42E-08	7.02E-08	1.24E-08	6.98E-08	3.91E-07
2069	495261.06	3859551.99	5.46E-04	5.33E-04	5.26E-04	1.89E-07	5.71E-07	3.30E-07	3.22E-07	2.92E-07	1.33E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.38E-08	6.94E-08	1.22E-08	6.90E-08	3.87E-07
2070	495311.06	3859551.99	5.42E-04	5.29E-04	5.22E-04	1.88E-07	5.66E-07	3.28E-07	3.20E-07	2.90E-07	1.32E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.34E-08	6.89E-08	1.21E-08	6.85E-08	3.84E-07
2071	495361.06	3859551.99	5.38E-04	5.25E-04	5.18E-04	1.86E-07	5.62E-07	3.26E-07	3.18E-07	2.88E-07	1.31E-07	1.30E-07	6.22E-09	1.50E-07	3.32E-08	4.31E-08	6.84E-08	1.21E-08	6.81E-08	3.81E-07
2072	495411.06	3859551.99	5.35E-04	5.22E-04	5.15E-04	1.85E-07	5.59E-07	3.24E-07	3.16E-07	2.86E-07	1.31E-07	1.29E-07	6.18E-09	1.49E-07	3.29E-08	4.29E-08	6.80E-08	1.20E-08	6.76E-08	3.79E-07
2073	495461.06	3859551.99	5.28E-04	5.15E-04	5.09E-04	1.83E-07	5.52E-07	3.20E-07	3.12E-07	2.83E-07	1.29E-07	1.27E-07	6.10E-09	1.47E-07	3.25E-08	4.23E-08	6.72E-08	1.18E-08	6.68E-08	3.74E-07
2074	495511.06	3859551.99	5.22E-04	5.09E-04	5.03E-04	1.81E-07	5.46E-07	3.16E-07	3.08E-07	2.79E-07	1.27E-07	1.26E-07	6.03E-09	1.46E-07	3.22E-08	4.18E-08	6.64E-08	1.17E-08	6.60E-08	3.70E-07
2075	495561.06	3859551.99	5.18E-04	5.05E-04	4.99E-04	1.79E-07	5.41E-07	3.13E-07	3.06E-07	2.77E-07	1.26E-07	1.25E-07	5.99E-09	1.45E-07	3.19E-08	4.15E-08	6.58E-08	1.16E-08	6.55E-08	3.67E-07
2076	495611.06	3859551.99	5.13E-04	5.01E-04	4.94E-04	1.78E-07	5.36E-07	3.11E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.93E-09	1.43E-07	3.16E-08	4.11E-08	6.53E-08	1.15E-08	6.49E-08	3.64E-07
2077	495661.06	3859551.99	5.08E-04	4.96E-04	4.89E-04	1.76E-07	5.31E-07	3.08E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.46E-08	1.14E-08	6.43E-08	3.60E-07
2078	494311.06	3859601.99	6.95E-04	6.78E-04	6.69E-04	2.41E-07	7.26E-07	4.20E-07	4.10E-07	3.72E-07	1.70E-07	1.67E-07	8.03E-09	1.94E-07	4.28E-08	5.57E-08	8.84E-08	1.56E-08	8.79E-08	4.92E-07
2079	494361.06	3859601.99	6.74E-04	6.57E-04	6.49E-04	2.33E-07	7.04E-07	4.08E-07	3.98E-07	3.61E-07	1.65E-07	1.62E-07	7.79E-09	1.88E-07	4.15E-08	5.40E-08	8.57E-08	1.51E-08	8.52E-08	4.77E-07
2080	494411.06	3859601.99	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.48E-08	8.38E-08	4.69E-07
2081	494461.06	3859601.99	6.62E-04	6.46E-04	6.38E-04	2.29E-07	6.92E-07	4.01E-07	3.91E-07	3.54E-07	1.62E-07	1.60E-07	7.65E-09	1.85E-07	4.08E-08	5.31E-08	8.42E-08	1.48E-08	8.37E-08	4.69E-07
2082	494511.06	3859601.99	6.49E-04	6.33E-04	6.25E-04	2.25E-07	6.78E-07	3.93E-07	3.83E-07	3.47E-07	1.58E-07	1.56E-07	7.50E-09	1.81E-07	4.00E-08	5.20E-08	8.25E-08	1.45E-08	8.21E-08	4.60E-07
2083	494561.06	3859601.99	6.46E-04	6.31E-04	6.22E-04	2.24E-07	6.76E-07	3.91E-07	3.82E-07	3.46E-07	1.58E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.18E-08	8.22E-08	1.45E-08	8.17E-08	4.58E-07

2084	494611.06	3859601.99	6.42E-04	6.27E-04	6.18E-04	2.22E-07	6.71E-07	3.89E-07	3.79E-07	3.44E-07	1.57E-07	1.55E-07	7.42E-09	1.79E-07	3.96E-08	5.15E-08	8.17E-08	1.44E-08	8.12E-08	4.55E-07
2085	494661.06	3859601.99	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.55E-07	3.79E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.97E-08	1.40E-08	7.93E-08	4.44E-07
2086	494711.06	3859601.99	6.16E-04	6.01E-04	5.93E-04	2.13E-07	6.44E-07	3.73E-07	3.64E-07	3.30E-07	1.50E-07	1.48E-07	7.12E-09	1.72E-07	3.80E-08	4.94E-08	7.83E-08	1.38E-08	7.79E-08	4.37E-07
2087	494761.06	3859601.99	6.20E-04	6.05E-04	5.97E-04	2.15E-07	6.48E-07	3.75E-07	3.66E-07	3.32E-07	1.51E-07	1.49E-07	7.16E-09	1.73E-07	3.82E-08	4.97E-08	7.88E-08	1.39E-08	7.84E-08	4.39E-07
2088	494811.06	3859601.99	6.07E-04	5.92E-04	5.84E-04	2.10E-07	6.34E-07	3.67E-07	3.58E-07	3.25E-07	1.48E-07	1.46E-07	7.02E-09	1.69E-07	3.74E-08	4.87E-08	7.72E-08	1.36E-08	7.68E-08	4.30E-07
2089	494861.06	3859601.99	6.01E-04	5.87E-04	5.79E-04	2.08E-07	6.28E-07	3.64E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.95E-09	1.68E-07	3.70E-08	4.82E-08	7.64E-08	1.35E-08	7.60E-08	4.26E-07
2090	494911.06	3859601.99	5.92E-04	5.77E-04	5.70E-04	2.05E-07	6.18E-07	3.58E-07	3.49E-07	3.17E-07	1.44E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.74E-08	7.52E-08	1.33E-08	7.48E-08	4.19E-07
2091	494961.06	3859601.99	5.91E-04	5.76E-04	5.69E-04	2.05E-07	6.17E-07	3.57E-07	3.49E-07	3.16E-07	1.44E-07	1.42E-07	6.83E-09	1.65E-07	3.64E-08	4.74E-08	7.51E-08	1.32E-08	7.47E-08	4.19E-07
2092	495011.06	3859601.99	5.81E-04	5.67E-04	5.60E-04	2.01E-07	6.08E-07	3.52E-07	3.43E-07	3.11E-07	1.42E-07	1.40E-07	6.72E-09	1.62E-07	3.58E-08	4.66E-08	7.39E-08	1.30E-08	7.35E-08	4.12E-07
2093	495061.06	3859601.99	5.79E-04	5.65E-04	5.57E-04	2.00E-07	6.05E-07	3.50E-07	3.42E-07	3.10E-07	1.41E-07	1.39E-07	6.69E-09	1.62E-07	3.57E-08	4.64E-08	7.36E-08	1.30E-08	7.32E-08	4.10E-07
2094	495111.06	3859601.99	5.72E-04	5.58E-04	5.50E-04	1.98E-07	5.98E-07	3.46E-07	3.38E-07	3.06E-07	1.40E-07	1.38E-07	6.61E-09	1.60E-07	3.52E-08	4.58E-08	7.27E-08	1.28E-08	7.23E-08	4.05E-07
2095	495161.06	3859601.99	5.68E-04	5.55E-04	5.47E-04	1.97E-07	5.94E-07	3.44E-07	3.36E-07	3.04E-07	1.39E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.56E-08	7.23E-08	1.27E-08	7.19E-08	4.03E-07
2096	495211.06	3859601.99	5.64E-04	5.50E-04	5.43E-04	1.95E-07	5.89E-07	3.41E-07	3.33E-07	3.02E-07	1.38E-07	1.36E-07	6.52E-09	1.57E-07	3.47E-08	4.52E-08	7.17E-08	1.26E-08	7.13E-08	4.00E-07
2097	495261.06	3859601.99	5.60E-04	5.47E-04	5.39E-04	1.94E-07	5.85E-07	3.39E-07	3.31E-07	3.00E-07	1.37E-07	1.35E-07	6.47E-09	1.56E-07	3.45E-08	4.49E-08	7.12E-08	1.26E-08	7.08E-08	3.97E-07
2098	495311.06	3859601.99	5.57E-04	5.44E-04	5.36E-04	1.93E-07	5.82E-07	3.37E-07	3.29E-07	2.98E-07	1.36E-07	1.34E-07	6.44E-09	1.56E-07	3.43E-08	4.47E-08	7.09E-08	1.25E-08	7.05E-08	3.95E-07
2099	495361.06	3859601.99	5.52E-04	5.39E-04	5.32E-04	1.91E-07	5.77E-07	3.34E-07	3.26E-07	2.96E-07	1.35E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.43E-08	7.02E-08	1.24E-08	6.98E-08	3.91E-07
2100	495411.06	3859601.99	5.49E-04	5.36E-04	5.28E-04	1.90E-07	5.74E-07	3.32E-07	3.24E-07	2.94E-07	1.34E-07	1.32E-07	6.34E-09	1.53E-07	3.38E-08	4.40E-08	6.98E-08	1.23E-08	6.94E-08	3.89E-07
2101	495461.06	3859601.99	5.41E-04	5.28E-04	5.21E-04	1.87E-07	5.65E-07	3.27E-07	3.19E-07	2.90E-07	1.32E-07	1.30E-07	6.25E-09	1.51E-07	3.33E-08	4.34E-08	6.88E-08	1.21E-08	6.84E-08	3.83E-07
2102	495511.06	3859601.99	5.33E-04	5.20E-04	5.13E-04	1.85E-07	5.57E-07	3.23E-07	3.15E-07	2.85E-07	1.30E-07	1.28E-07	6.16E-09	1.49E-07	3.28E-08	4.27E-08	6.78E-08	1.19E-08	6.74E-08	3.78E-07
2103	495561.06	3859601.99	5.31E-04	5.19E-04	5.12E-04	1.84E-07	5.55E-07	3.22E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.76E-08	1.19E-08	6.72E-08	3.77E-07
2104	495611.06	3859601.99	5.24E-04	5.11E-04	5.04E-04	1.81E-07	5.47E-07	3.17E-07	3.09E-07	2.80E-07	1.28E-07	1.26E-07	6.05E-09	1.46E-07	3.23E-08	4.20E-08	6.66E-08	1.17E-08	6.62E-08	3.71E-07
2105	495661.06	3859601.99	5.20E-04	5.08E-04	5.01E-04	1.80E-07	5.44E-07	3.15E-07	3.07E-07	2.78E-07	1.27E-07	1.25E-07	6.01E-09	1.45E-07	3.21E-08	4.17E-08	6.62E-08	1.17E-08	6.58E-08	3.69E-07
2106	494311.06	3859651.99	7.07E-04	6.89E-04	6.80E-04	2.45E-07	7.38E-07	4.28E-07	4.17E-07	3.78E-07	1.73E-07	1.70E-07	8.17E-09	1.97E-07	4.35E-08	5.66E-08	8.99E-08	1.58E-08	8.94E-08	5.01E-07
2107	494361.06	3859651.99	6.87E-04	6.70E-04	6.61E-04	2.38E-07	7.18E-07	4.15E-07	4.05E-07	3.67E-07	1.68E-07	1.65E-07	7.94E-09	1.92E-07	4.23E-08	5.50E-08	8.73E-08	1.54E-08	8.68E-08	4.87E-07
2108	494411.06	3859651.99	6.78E-04	6.62E-04	6.53E-04	2.35E-07	7.09E-07	4.10E-07	4.01E-07	3.63E-07	1.66E-07	1.63E-07	7.84E-09	1.89E-07	4.18E-08	5.44E-08	8.63E-08	1.52E-08	8.58E-08	4.81E-07
2109	494461.06	3859651.99	6.77E-04	6.61E-04	6.52E-04	2.35E-07	7.08E-07	4.10E-07	4.00E-07	3.63E-07	1.65E-07	1.63E-07	7.83E-09	1.89E-07	4.17E-08	5.43E-08	8.62E-08	1.52E-08	8.57E-08	4.80E-07
2110	494511.06	3859651.99	6.68E-04	6.52E-04	6.44E-04	2.31E-07	6.99E-07	4.04E-07	3.95E-07	3.58E-07	1.63E-07	1.61E-07	7.73E-09	1.87E-07	4.12E-08	5.36E-08	8.50E-08	1.50E-08	8.45E-08	4.74E-07
2111	494561.06	3859651.99	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.48E-08	8.38E-08	4.69E-07
2112	494611.06	3859651.99	6.56E-04	6.40E-04	6.32E-04	2.27E-07	6.86E-07	3.97E-07	3.88E-07	3.51E-07	1.60E-07	1.58E-07	7.59E-09	1.83E-07	4.04E-08	5.26E-08	8.35E-08	1.47E-08	8.30E-08	4.65E-07
2113	494661.06	3859651.99	6.38E-04	6.23E-04	6.15E-04	2.21E-07	6.67E-07	3.86E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.38E-09	1.78E-07	3.93E-08	5.12E-08	8.12E-08	1.43E-08	8.08E-08	4.52E-07
2114	494711.06	3859651.99	6.33E-04	6.18E-04	6.10E-04	2.19E-07	6.62E-07	3.83E-07	3.74E-07	3.39E-07	1.55E-07	1.53E-07	7.32E-09	1.77E-07	3.90E-08	5.08E-08	8.05E-08	1.42E-08	8.01E-08	4.49E-07
2115	494761.06	3859651.99	6.31E-04	6.16E-04	6.08E-04	2.19E-07	6.60E-07	3.82E-07	3.73E-07	3.38E-07	1.54E-07	1.52E-07	7.30E-09	1.76E-07	3.89E-08	5.06E-08	8.03E-08	1.42E-08	7.99E-08	4.47E-07
2116	494811.06	3859651.99	6.22E-04	6.07E-04	5.99E-04	2.15E-07	6.50E-07	3.77E-07	3.67E-07	3.33E-07	1.52E-07	1.50E-07	7.19E-09	1.74E-07	3.83E-08	4.99E-08	7.91E-08	1.39E-08	7.87E-08	4.41E-07
2117	494861.06	3859651.99	6.17E-04	6.02E-04	5.94E-04	2.14E-07	6.45E-07	3.73E-07	3.64E-07	3.30E-07	1.51E-07	1.49E-07	7.13E-09	1.72E-07	3.80E-08	4.95E-08	7.85E-08	1.38E-08	7.80E-08	4.37E-07
2118	494911.06	3859651.99	6.10E-04	5.95E-04	5.87E-04	2.11E-07	6.37E-07	3.69E-07	3.60E-07	3.26E-07	1.49E-07	1.47E-07	7.05E-09	1.70E-07	3.76E-08	4.89E-08	7.76E-08	1.37E-08	7.71E-08	4.32E-07
2119	494961.06	3859651.99	6.04E-04	5.90E-04	5.82E-04	2.09E-07	6.32E-07	3.66E-07	3.57E-07	3.24E-07	1.48E-07	1.46E-07	6.99E-09	1.69E-07	3.72E-08	4.85E-08	7.69E-08	1.35E-08	7.64E-08	4.28E-07
2120	495011.06	3859651.99	5.98E-04	5.84E-04	5.76E-04	2.07E-07	6.25E-07	3.62E-07	3.53E-07	3.20E-07	1.46E-07	1.44E-07	6.92E-09	1.67E-07	3.69E-08	4.80E-08	7.61E-08	1.34E-08	7.57E-08	4.24E-07
2121	495061.06	3859651.99	5.94E-04	5.80E-04	5.72E-04	2.06E-07	6.21E-07	3.59E-07	3.51E-07	3.18E-07	1.45E-07	1.43E-07	6.87E-09	1.66E-07	3.66E-08	4.76E-08	7.56E-08	1.33E-08	7.51E-08	4.21E-07
2122	495111.06	3859651.99	5.87E-04	5.73E-04	5.66E-04	2.03E-07	6.14E-07	3.55E-07	3.47E-07	3.14E-07	1.43E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.71E-08	7.47E-08	1.32E-08	7.43E-08	4.16E-07
2123	495161.06	3859651.99	5.83E-04	5.69E-04	5.61E-04	2.02E-07	6.09E-07	3.53E-07	3.44E-07	3.12E-07	1.42E-07	1.40E-07	6.74E-09	1.63E-07	3.59E-08	4.67E-08	7.41E-08	1.31E-08	7.37E-08	4.13E-07
2124	495211.06	3859651.99	5.79E-04	5.65E-04	5.57E-04	2.00E-07	6.05E-07	3.50E-07	3.42E-07	3.10E-07	1.41E-07	1.39E-07	6.69E-09	1.62E-07	3.57E-08	4.64E-08	7.36E-08	1.30E-08	7.32E-08	4.10E-07
2125	495261.06	3859651.99	5.74E-04	5.60E-04	5.52E-04	1.99E-07	6.00E-07	3.47E-07	3.39E-07	3.07E-07	1.40E-07	1.38E-07	6.63E-09	1.60E-07	3.54E-08	4.60E-08	7.30E-08	1.29E-08	7.26E-08	4.07E-07
2126	495311.06	3859651.99	5.70E-04	5.56E-04	5.48E-04	1.97E-07	5.95E-07	3.45E-07	3.36E-07	3.05E-07	1.39E-07	1.37E-07	6.58E-09	1.59E-07	3.51E-08	4.57E-08	7.24E-08	1.28E-08	7.20E-08	4.04E-07
2127	495361.06	3859651.99	5.66E-04	5.52E-04	5.45E-04	1.96E-07	5.91E-07	3.42E-07	3.34E-07	3.03E-07	1.38E-07	1.36E-07	6.54E-09	1.58E-07	3.49E-08	4.54E-08	7.20E-08	1.27E-08	7.16E-08	4.01E-07
2128	495411.06	3859651.99	5.61E-04	5.47E-04	5.40E-04	1.94E-07	5.86E-07	3.39E-07	3.31E-07	3.00E-07	1.37E-07	1.35E-07	6.48E-09	1.57E-07	3.46E-08	4.50E-08	7.13E-08	1.26E-08	7.09E-08	3.97E-07
2129	495461.06	3859651.99	5.53E-04	5.40E-04	5.32E-04	1.91E-07	5.78E-07	3.35E-07	3.27E-07	2.96E-07	1.35E-07	1.33E-07	6.39E-09	1.54E-07	3.41E-08	4.43E-08	7.03E-08	1.24E-08	6.99E-08	3.92E-07
2130	495511.06	3859651.99	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.32E-09	1.53E-07	3.37E-08	4.38E-08	6.95E-08	1.23E-08	6.92E-08	3.87E-07
2131	495561.06	3859651.99	5.43E-04	5.30E-04	5.23E-04	1.88E-07	5.67E-07	3.28E-07	3.20E-07	2.90E-07	1.33E-07	1.31E-07	6.27E-09	1.52E-07	3.34E-08	4.35E-08	6.90E-08	1.22E-08	6.86E-08	3.85E-07
2132	495611.06	3859651.99	5.38E-04	5.25E-04	5.18E-04	1.86E-07	5.62E-07	3.26E-07	3.18E-07	2.88E-07	1.31E-07	1.30E-07	6.22E-09	1.50E-07	3.32E-08	4.31E-08	6.84E-08	1.21E-08	6.81E-08	3.81E-07
2133	495661.06	3859651.99	5.32E-04	5.19E-04	5.13E-04	1.84E-07	5.56E-07	3.22E-07	3.14E-07	2.85E-07	1.30E-07	1.28E-07	6.15E-09	1.49E-07	3.28E-08	4.27E-08	6.77E-08	1.19E-08	6.73E-08	3.77E-07
2134	494311.06	3859701.99	7.05E-04	6.88E-04	6.79E-04	2.44E-07	7.37E-07	4.27E-07	4.16E-07	3.77E-07	1.72E-07	1.70E-07	8.15E-09	1.97E-07	4.35E-08	5.65E-08	8.97E-08	1.58E-08	8.92E-08	5.00E-07
2135	494361.06	3859701.99	6.97E-04	6.80E-04	6.71E-04	2.41E-07	7.29E-07	4.22E-07	4.12E-07	3.73E-07	1.70E-07	1.68E-07	8.06E-09	1.95E-07	4.29E-08	5.59E-08	8.86E-08	1.56E-08	8.81E-08	4.94E-07
2136	494411.06	3859701.99	6.92E-04	6.75E-04	6.66E-04	2.39E-07	7.23E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.67E-07	7.99E-09	1.93E-07	4.26E-08	5.54E-08	8.80E-08	1.55E-08	8.75E-08	4.90E-07
2137	494461.06	3859701.99	6.93E-04	6.76E-04	6.67E-04	2.40E-07	7.24E-07	4.19E-07	4.09E-07	3.71E-07	1.69E-07	1.67E-07	8.01E-09	1.93E-07	4.27E-08	5.55E-08	8.81E-08	1.55E-08	8.76E-08	4.91E-07
2138	494511.06	3859701.99	6.85E-04	6.68E-04	6.60E-04	2.37E-07	7.16E-07	4.14E-07	4.04E-07	3.67E-07	1.67E-07	1.65E-07	7.92E-09	1.91E-07	4.22E-08	5.49E-08	8.71E-08	1.54E-08	8.66E-08	4.85E-07

2139	494561.06	3859701.99	6.79E-04	6.63E-04	6.54E-04	2.35E-07	7.10E-07	4.11E-07	4.01E-07	3.64E-07	1.66E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.44E-08	8.64E-08	1.52E-08	8.59E-08	4.81E-07
2140	494611.06	3859701.99	6.73E-04	6.57E-04	6.48E-04	2.33E-07	7.04E-07	4.07E-07	3.98E-07	3.60E-07	1.64E-07	1.62E-07	7.78E-09	1.88E-07	4.15E-08	5.40E-08	8.56E-08	1.51E-08	8.52E-08	4.77E-07
2141	494661.06	3859701.99	6.55E-04	6.39E-04	6.31E-04	2.27E-07	6.85E-07	3.96E-07	3.87E-07	3.51E-07	1.60E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.25E-08	8.33E-08	1.47E-08	8.28E-08	4.64E-07
2142	494711.06	3859701.99	6.52E-04	6.36E-04	6.28E-04	2.26E-07	6.82E-07	3.95E-07	3.85E-07	3.49E-07	1.59E-07	1.57E-07	7.54E-09	1.82E-07	4.02E-08	5.23E-08	8.29E-08	1.46E-08	8.25E-08	4.62E-07
2143	494761.06	3859701.99	6.43E-04	6.28E-04	6.20E-04	2.23E-07	6.73E-07	3.89E-07	3.80E-07	3.44E-07	1.57E-07	1.55E-07	7.44E-09	1.80E-07	3.96E-08	5.16E-08	8.18E-08	1.44E-08	8.14E-08	4.56E-07
2144	494811.06	3859701.99	6.35E-04	6.20E-04	6.12E-04	2.20E-07	6.64E-07	3.84E-07	3.75E-07	3.40E-07	1.55E-07	1.53E-07	7.34E-09	1.77E-07	3.91E-08	5.09E-08	8.08E-08	1.42E-08	8.03E-08	4.50E-07
2145	494861.06	3859701.99	6.33E-04	6.18E-04	6.10E-04	2.19E-07	6.62E-07	3.83E-07	3.74E-07	3.39E-07	1.55E-07	1.53E-07	7.32E-09	1.77E-07	3.90E-08	5.08E-08	8.05E-08	1.42E-08	8.01E-08	4.49E-07
2146	494911.06	3859701.99	6.26E-04	6.11E-04	6.03E-04	2.17E-07	6.54E-07	3.79E-07	3.70E-07	3.35E-07	1.53E-07	1.51E-07	7.24E-09	1.75E-07	3.86E-08	5.02E-08	7.96E-08	1.40E-08	7.92E-08	4.44E-07
2147	494961.06	3859701.99	6.19E-04	6.04E-04	5.96E-04	2.14E-07	6.47E-07	3.75E-07	3.65E-07	3.31E-07	1.51E-07	1.49E-07	7.16E-09	1.73E-07	3.81E-08	4.96E-08	7.87E-08	1.39E-08	7.83E-08	4.39E-07
2148	495011.06	3859701.99	6.15E-04	6.00E-04	5.92E-04	2.13E-07	6.43E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.11E-09	1.72E-07	3.79E-08	4.93E-08	7.82E-08	1.38E-08	7.78E-08	4.36E-07
2149	495061.06	3859701.99	6.09E-04	5.95E-04	5.87E-04	2.11E-07	6.37E-07	3.69E-07	3.60E-07	3.26E-07	1.49E-07	1.47E-07	7.04E-09	1.70E-07	3.76E-08	4.89E-08	7.75E-08	1.37E-08	7.71E-08	4.32E-07
2150	495111.06	3859701.99	6.04E-04	5.89E-04	5.81E-04	2.09E-07	6.31E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.98E-09	1.69E-07	3.72E-08	4.84E-08	7.68E-08	1.35E-08	7.63E-08	4.28E-07
2151	495161.06	3859701.99	5.97E-04	5.83E-04	5.75E-04	2.07E-07	6.24E-07	3.61E-07	3.53E-07	3.20E-07	1.46E-07	1.44E-07	6.91E-09	1.67E-07	3.68E-08	4.79E-08	7.60E-08	1.34E-08	7.56E-08	4.23E-07
2152	495211.06	3859701.99	5.91E-04	5.76E-04	5.69E-04	2.05E-07	6.17E-07	3.57E-07	3.49E-07	3.16E-07	1.44E-07	1.42E-07	6.83E-09	1.65E-07	3.64E-08	4.74E-08	7.51E-08	1.32E-08	7.47E-08	4.19E-07
2153	495261.06	3859701.99	5.89E-04	5.74E-04	5.67E-04	2.04E-07	6.15E-07	3.56E-07	3.48E-07	3.15E-07	1.44E-07	1.42E-07	6.81E-09	1.64E-07	3.63E-08	4.72E-08	7.49E-08	1.32E-08	7.45E-08	4.17E-07
2154	495311.06	3859701.99	5.83E-04	5.69E-04	5.61E-04	2.02E-07	6.09E-07	3.53E-07	3.44E-07	3.12E-07	1.42E-07	1.40E-07	6.74E-09	1.63E-07	3.59E-08	4.67E-08	7.41E-08	1.31E-08	7.37E-08	4.13E-07
2155	495361.06	3859701.99	5.78E-04	5.64E-04	5.56E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.68E-09	1.61E-07	3.56E-08	4.63E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
2156	495411.06	3859701.99	5.71E-04	5.57E-04	5.50E-04	1.98E-07	5.97E-07	3.45E-07	3.37E-07	3.06E-07	1.39E-07	1.38E-07	6.60E-09	1.59E-07	3.52E-08	4.58E-08	7.26E-08	1.28E-08	7.22E-08	4.05E-07
2157	495461.06	3859701.99	5.65E-04	5.51E-04	5.44E-04	1.96E-07	5.91E-07	3.42E-07	3.34E-07	3.02E-07	1.38E-07	1.36E-07	6.53E-09	1.58E-07	3.48E-08	4.53E-08	7.19E-08	1.27E-08	7.15E-08	4.00E-07
2158	495511.06	3859701.99	5.56E-04	5.43E-04	5.36E-04	1.93E-07	5.82E-07	3.37E-07	3.28E-07	2.98E-07	1.36E-07	1.34E-07	6.43E-09	1.55E-07	3.43E-08	4.46E-08	7.08E-08	1.25E-08	7.04E-08	3.94E-07
2159	495561.06	3859701.99	5.56E-04	5.42E-04	5.35E-04	1.92E-07	5.81E-07	3.36E-07	3.28E-07	2.97E-07	1.36E-07	1.34E-07	6.42E-09	1.55E-07	3.42E-08	4.45E-08	7.06E-08	1.25E-08	7.03E-08	3.94E-07
2160	495611.06	3859701.99	5.51E-04	5.37E-04	5.30E-04	1.91E-07	5.75E-07	3.33E-07	3.25E-07	2.95E-07	1.34E-07	1.33E-07	6.36E-09	1.54E-07	3.39E-08	4.41E-08	7.00E-08	1.23E-08	6.96E-08	3.90E-07
2161	495661.06	3859701.99	5.45E-04	5.32E-04	5.25E-04	1.89E-07	5.70E-07	3.30E-07	3.22E-07	2.92E-07	1.33E-07	1.31E-07	6.30E-09	1.52E-07	3.36E-08	4.37E-08	6.93E-08	1.22E-08	6.89E-08	3.86E-07
2162	494311.06	3859751.99	7.26E-04	7.09E-04	6.99E-04	2.51E-07	7.59E-07	4.40E-07	4.29E-07	3.89E-07	1.77E-07	1.75E-07	8.40E-09	2.03E-07	4.48E-08	5.82E-08	9.24E-08	1.63E-08	9.19E-08	5.15E-07
2163	494361.06	3859751.99	7.18E-04	7.00E-04	6.91E-04	2.48E-07	7.50E-07	4.34E-07	4.24E-07	3.84E-07	1.75E-07	1.73E-07	8.30E-09	2.00E-07	4.42E-08	5.75E-08	9.13E-08	1.61E-08	9.08E-08	5.09E-07
2164	494411.06	3859751.99	7.07E-04	6.90E-04	6.81E-04	2.45E-07	7.39E-07	4.28E-07	4.18E-07	3.79E-07	1.73E-07	1.70E-07	8.18E-09	1.98E-07	4.36E-08	5.67E-08	9.00E-08	1.59E-08	8.95E-08	5.01E-07
2165	494461.06	3859751.99	7.07E-04	6.90E-04	6.81E-04	2.45E-07	7.39E-07	4.28E-07	4.17E-07	3.78E-07	1.73E-07	1.70E-07	8.17E-09	1.97E-07	4.36E-08	5.67E-08	8.99E-08	1.58E-08	8.94E-08	5.01E-07
2166	494511.06	3859751.99	7.04E-04	6.87E-04	6.77E-04	2.44E-07	7.35E-07	4.26E-07	4.15E-07	3.77E-07	1.72E-07	1.70E-07	8.13E-09	1.96E-07	4.34E-08	5.64E-08	8.95E-08	1.58E-08	8.90E-08	4.99E-07
2167	494561.06	3859751.99	6.96E-04	6.79E-04	6.70E-04	2.41E-07	7.27E-07	4.21E-07	4.11E-07	3.72E-07	1.70E-07	1.68E-07	8.04E-09	1.94E-07	4.29E-08	5.58E-08	8.85E-08	1.56E-08	8.80E-08	4.93E-07
2168	494611.06	3859751.99	6.86E-04	6.69E-04	6.60E-04	2.37E-07	7.17E-07	4.15E-07	4.05E-07	3.67E-07	1.67E-07	1.65E-07	7.93E-09	1.91E-07	4.23E-08	5.50E-08	8.72E-08	1.54E-08	8.67E-08	4.86E-07
2169	494661.06	3859751.99	6.69E-04	6.53E-04	6.44E-04	2.32E-07	6.99E-07	4.05E-07	3.95E-07	3.58E-07	1.63E-07	1.61E-07	7.74E-09	1.87E-07	4.12E-08	5.36E-08	8.51E-08	1.50E-08	8.46E-08	4.74E-07
2170	494711.06	3859751.99	6.69E-04	6.53E-04	6.44E-04	2.32E-07	6.99E-07	4.05E-07	3.95E-07	3.58E-07	1.63E-07	1.61E-07	7.73E-09	1.87E-07	4.12E-08	5.36E-08	8.50E-08	1.50E-08	8.46E-08	4.74E-07
2171	494761.06	3859751.99	6.64E-04	6.48E-04	6.39E-04	2.30E-07	6.94E-07	4.02E-07	3.92E-07	3.55E-07	1.62E-07	1.60E-07	7.67E-09	1.85E-07	4.09E-08	5.32E-08	8.44E-08	1.49E-08	8.40E-08	4.70E-07
2172	494811.06	3859751.99	6.56E-04	6.40E-04	6.31E-04	2.27E-07	6.85E-07	3.97E-07	3.87E-07	3.51E-07	1.60E-07	1.58E-07	7.58E-09	1.83E-07	4.04E-08	5.25E-08	8.34E-08	1.47E-08	8.29E-08	4.64E-07
2173	494861.06	3859751.99	6.49E-04	6.34E-04	6.25E-04	2.25E-07	6.79E-07	3.93E-07	3.83E-07	3.48E-07	1.59E-07	1.56E-07	7.51E-09	1.81E-07	4.00E-08	5.20E-08	8.26E-08	1.46E-08	8.21E-08	4.60E-07
2174	494911.06	3859751.99	6.43E-04	6.28E-04	6.20E-04	2.23E-07	6.73E-07	3.89E-07	3.80E-07	3.44E-07	1.57E-07	1.55E-07	7.44E-09	1.80E-07	3.96E-08	5.16E-08	8.18E-08	1.44E-08	8.14E-08	4.56E-07
2175	494961.06	3859751.99	6.38E-04	6.22E-04	6.14E-04	2.21E-07	6.66E-07	3.86E-07	3.77E-07	3.41E-07	1.56E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.11E-08	8.11E-08	1.43E-08	8.06E-08	4.52E-07
2176	495011.06	3859751.99	6.31E-04	6.16E-04	6.08E-04	2.19E-07	6.60E-07	3.82E-07	3.73E-07	3.38E-07	1.54E-07	1.52E-07	7.30E-09	1.76E-07	3.89E-08	5.06E-08	8.03E-08	1.42E-08	7.99E-08	4.47E-07
2177	495061.06	3859751.99	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.55E-07	3.79E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.97E-08	1.40E-08	7.93E-08	4.44E-07
2178	495111.06	3859751.99	6.21E-04	6.06E-04	5.98E-04	2.15E-07	6.49E-07	3.76E-07	3.66E-07	3.32E-07	1.52E-07	1.50E-07	7.17E-09	1.73E-07	3.82E-08	4.98E-08	7.89E-08	1.39E-08	7.85E-08	4.40E-07
2179	495161.06	3859751.99	6.14E-04	6.00E-04	5.92E-04	2.13E-07	6.42E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.10E-09	1.72E-07	3.79E-08	4.93E-08	7.81E-08	1.38E-08	7.77E-08	4.35E-07
2180	495211.06	3859751.99	6.08E-04	5.93E-04	5.85E-04	2.10E-07	6.35E-07	3.68E-07	3.59E-07	3.25E-07	1.48E-07	1.46E-07	7.03E-09	1.70E-07	3.74E-08	4.87E-08	7.73E-08	1.36E-08	7.69E-08	4.31E-07
2181	495261.06	3859751.99	6.03E-04	5.89E-04	5.81E-04	2.09E-07	6.31E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.97E-09	1.68E-07	3.72E-08	4.84E-08	7.67E-08	1.35E-08	7.63E-08	4.27E-07
2182	495311.06	3859751.99	5.97E-04	5.83E-04	5.75E-04	2.07E-07	6.24E-07	3.61E-07	3.53E-07	3.20E-07	1.46E-07	1.44E-07	6.91E-09	1.67E-07	3.68E-08	4.79E-08	7.60E-08	1.34E-08	7.56E-08	4.23E-07
2183	495361.06	3859751.99	5.92E-04	5.78E-04	5.70E-04	2.05E-07	6.19E-07	3.58E-07	3.50E-07	3.17E-07	1.45E-07	1.43E-07	6.84E-09	1.65E-07	3.65E-08	4.75E-08	7.53E-08	1.33E-08	7.49E-08	4.20E-07
2184	495411.06	3859751.99	5.87E-04	5.72E-04	5.65E-04	2.03E-07	6.13E-07	3.55E-07	3.46E-07	3.14E-07	1.43E-07	1.41E-07	6.78E-09	1.64E-07	3.61E-08	4.70E-08	7.46E-08	1.31E-08	7.42E-08	4.16E-07
2185	495461.06	3859751.99	5.80E-04	5.66E-04	5.58E-04	2.01E-07	6.06E-07	3.51E-07	3.42E-07	3.10E-07	1.42E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.65E-08	7.37E-08	1.30E-08	7.33E-08	4.11E-07
2186	495511.06	3859751.99	5.72E-04	5.58E-04	5.51E-04	1.98E-07	5.98E-07	3.46E-07	3.38E-07	3.06E-07	1.40E-07	1.38E-07	6.61E-09	1.60E-07	3.52E-08	4.59E-08	7.28E-08	1.28E-08	7.24E-08	4.05E-07
2187	495561.06	3859751.99	5.68E-04	5.54E-04	5.46E-04	1.96E-07	5.93E-07	3.43E-07	3.35E-07	3.04E-07	1.39E-07	1.37E-07	6.56E-09	1.58E-07	3.50E-08	4.55E-08	7.22E-08	1.27E-08	7.18E-08	4.02E-07
2188	495611.06	3859751.99	5.63E-04	5.49E-04	5.42E-04	1.95E-07	5.88E-07	3.40E-07	3.32E-07	3.01E-07	1.37E-07	1.36E-07	6.50E-09	1.57E-07	3.47E-08	4.51E-08	7.15E-08	1.26E-08	7.11E-08	3.99E-07
2189	495661.06	3859751.99	5.59E-04	5.45E-04	5.38E-04	1.93E-07	5.84E-07	3.38E-07	3.30E-07	2.99E-07	1.36E-07	1.35E-07	6.46E-09	1.56E-07	3.44E-08	4.48E-08	7.11E-08	1.25E-08	7.07E-08	3.96E-07
2190	494311.06	3859801.99	7.48E-04	7.30E-04	7.20E-04	2.59E-07	7.82E-07	4.53E-07	4.42E-07	4.00E-07	1.83E-07	1.80E-07	8.65E-09	2.09E-07	4.61E-08	6.00E-08	9.51E-08	1.68E-08	9.46E-08	5.30E-07
2191	494361.06	3859801.99	7.35E-04	7.17E-04	7.08E-04	2.54E-07	7.68E-07	4.45E-07	4.34E-07	3.93E-07	1.80E-07	1.77E-07	8.50E-09	2.05E-07	4.53E-08	5.89E-08	9.35E-08	1.65E-08	9.30E-08	5.21E-07
2192	494411.06	3859801.99	7.22E-04	7.05E-04	6.95E-04	2.50E-07	7.55E-07	4.37E-07	4.26E-07	3.87E-07	1.76E-07	1.74E-07	8.35E-09	2.02E-07	4.45E-08	5.79E-08	9.19E-08	1.62E-08	9.13E-08	5.12E-07
2193	494461.06	3859801.99	7.21E-04	7.04E-04	6.94E-04	2.50E-07	7.54E-07	4.36E-07	4.26E-07	3.86E-07	1.76E-07	1.74E-07	8.34E-09	2.01E-07	4.44E-08	5.78E-08	9.17E-08	1.62E-08	9.12E-08	5.11E-07

2194	494511.06	3859801.99	7.21E-04	7.04E-04	6.94E-04	2.50E-07	7.54E-07	4.36E-07	4.26E-07	3.86E-07	1.76E-07	1.74E-07	8.34E-09	2.01E-07	4.44E-08	5.78E-08	9.17E-08	1.62E-08	9.12E-08	5.11E-07
2195	494561.06	3859801.99	7.14E-04	6.96E-04	6.87E-04	2.47E-07	7.46E-07	4.32E-07	4.21E-07	3.82E-07	1.74E-07	1.72E-07	8.25E-09	1.99E-07	4.40E-08	5.72E-08	9.07E-08	1.60E-08	9.02E-08	5.06E-07
2196	494611.06	3859801.99	6.99E-04	6.82E-04	6.73E-04	2.42E-07	7.31E-07	4.23E-07	4.13E-07	3.74E-07	1.71E-07	1.68E-07	8.08E-09	1.95E-07	4.31E-08	5.60E-08	8.89E-08	1.57E-08	8.84E-08	4.95E-07
2197	494661.06	3859801.99	6.91E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.26E-08	5.54E-08	8.78E-08	1.55E-08	8.74E-08	4.89E-07
2198	494711.06	3859801.99	6.81E-04	6.64E-04	6.56E-04	2.36E-07	7.12E-07	4.12E-07	4.02E-07	3.64E-07	1.66E-07	1.64E-07	7.87E-09	1.90E-07	4.19E-08	5.46E-08	8.66E-08	1.53E-08	8.61E-08	4.82E-07
2199	494761.06	3859801.99	6.80E-04	6.64E-04	6.55E-04	2.36E-07	7.11E-07	4.12E-07	4.02E-07	3.64E-07	1.66E-07	1.64E-07	7.87E-09	1.90E-07	4.19E-08	5.45E-08	8.65E-08	1.52E-08	8.61E-08	4.82E-07
2200	494811.06	3859801.99	6.73E-04	6.56E-04	6.48E-04	2.33E-07	7.03E-07	4.07E-07	3.97E-07	3.60E-07	1.64E-07	1.62E-07	7.77E-09	1.88E-07	4.14E-08	5.39E-08	8.55E-08	1.51E-08	8.51E-08	4.77E-07
2201	494861.06	3859801.99	6.67E-04	6.51E-04	6.42E-04	2.31E-07	6.97E-07	4.04E-07	3.94E-07	3.57E-07	1.63E-07	1.61E-07	7.71E-09	1.86E-07	4.11E-08	5.35E-08	8.48E-08	1.50E-08	8.44E-08	4.73E-07
2202	494911.06	3859801.99	6.59E-04	6.43E-04	6.34E-04	2.28E-07	6.89E-07	3.99E-07	3.89E-07	3.53E-07	1.61E-07	1.59E-07	7.62E-09	1.84E-07	4.06E-08	5.28E-08	8.38E-08	1.48E-08	8.33E-08	4.67E-07
2203	494961.06	3859801.99	6.53E-04	6.37E-04	6.28E-04	2.26E-07	6.82E-07	3.95E-07	3.85E-07	3.49E-07	1.59E-07	1.57E-07	7.54E-09	1.82E-07	4.02E-08	5.23E-08	8.30E-08	1.46E-08	8.25E-08	4.62E-07
2204	495011.06	3859801.99	6.47E-04	6.31E-04	6.23E-04	2.24E-07	6.76E-07	3.91E-07	3.82E-07	3.46E-07	1.58E-07	1.56E-07	7.48E-09	1.81E-07	3.99E-08	5.18E-08	8.23E-08	1.45E-08	8.18E-08	4.58E-07
2205	495061.06	3859801.99	6.41E-04	6.26E-04	6.18E-04	2.22E-07	6.70E-07	3.88E-07	3.79E-07	3.43E-07	1.57E-07	1.55E-07	7.41E-09	1.79E-07	3.95E-08	5.14E-08	8.16E-08	1.44E-08	8.11E-08	4.55E-07
2206	495111.06	3859801.99	6.34E-04	6.19E-04	6.11E-04	2.20E-07	6.63E-07	3.84E-07	3.75E-07	3.40E-07	1.55E-07	1.53E-07	7.33E-09	1.77E-07	3.91E-08	5.09E-08	8.07E-08	1.42E-08	8.02E-08	4.50E-07
2207	495161.06	3859801.99	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.56E-07	3.80E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.98E-08	1.41E-08	7.93E-08	4.45E-07
2208	495211.06	3859801.99	6.23E-04	6.08E-04	6.00E-04	2.16E-07	6.51E-07	3.77E-07	3.68E-07	3.33E-07	1.52E-07	1.50E-07	7.20E-09	1.74E-07	3.84E-08	4.99E-08	7.92E-08	1.40E-08	7.88E-08	4.41E-07
2209	495261.06	3859801.99	6.16E-04	6.01E-04	5.93E-04	2.13E-07	6.44E-07	3.73E-07	3.64E-07	3.30E-07	1.50E-07	1.48E-07	7.12E-09	1.72E-07	3.80E-08	4.94E-08	7.83E-08	1.38E-08	7.79E-08	4.37E-07
2210	495311.06	3859801.99	6.12E-04	5.97E-04	5.89E-04	2.12E-07	6.40E-07	3.70E-07	3.61E-07	3.28E-07	1.49E-07	1.47E-07	7.07E-09	1.71E-07	3.77E-08	4.91E-08	7.78E-08	1.37E-08	7.74E-08	4.34E-07
2211	495361.06	3859801.99	6.06E-04	5.91E-04	5.83E-04	2.10E-07	6.33E-07	3.67E-07	3.58E-07	3.24E-07	1.48E-07	1.46E-07	7.00E-09	1.69E-07	3.73E-08	4.86E-08	7.70E-08	1.36E-08	7.66E-08	4.29E-07
2212	495411.06	3859801.99	5.99E-04	5.85E-04	5.77E-04	2.07E-07	6.26E-07	3.62E-07	3.54E-07	3.21E-07	1.46E-07	1.44E-07	6.93E-09	1.67E-07	3.69E-08	4.80E-08	7.62E-08	1.34E-08	7.58E-08	4.25E-07
2213	495461.06	3859801.99	5.93E-04	5.79E-04	5.71E-04	2.05E-07	6.20E-07	3.59E-07	3.50E-07	3.18E-07	1.45E-07	1.43E-07	6.86E-09	1.66E-07	3.66E-08	4.76E-08	7.54E-08	1.33E-08	7.50E-08	4.20E-07
2214	495511.06	3859801.99	5.86E-04	5.72E-04	5.64E-04	2.03E-07	6.13E-07	3.55E-07	3.46E-07	3.14E-07	1.43E-07	1.41E-07	6.78E-09	1.64E-07	3.61E-08	4.70E-08	7.45E-08	1.31E-08	7.41E-08	4.15E-07
2215	495561.06	3859801.99	5.81E-04	5.67E-04	5.60E-04	2.01E-07	6.08E-07	3.52E-07	3.43E-07	3.11E-07	1.42E-07	1.40E-07	6.72E-09	1.62E-07	3.58E-08	4.66E-08	7.39E-08	1.30E-08	7.35E-08	4.12E-07
2216	495611.06	3859801.99	5.79E-04	5.65E-04	5.57E-04	2.00E-07	6.05E-07	3.50E-07	3.42E-07	3.10E-07	1.41E-07	1.39E-07	6.69E-09	1.62E-07	3.57E-08	4.64E-08	7.36E-08	1.30E-08	7.32E-08	4.10E-07
2217	495661.06	3859801.99	5.72E-04	5.58E-04	5.50E-04	1.98E-07	5.98E-07	3.46E-07	3.38E-07	3.06E-07	1.40E-07	1.38E-07	6.61E-09	1.60E-07	3.52E-08	4.58E-08	7.27E-08	1.28E-08	7.23E-08	4.05E-07
2218	494311.06	3859851.99	7.65E-04	7.47E-04	7.37E-04	2.65E-07	8.00E-07	4.63E-07	4.52E-07	4.10E-07	1.87E-07	1.84E-07	8.85E-09	2.14E-07	4.72E-08	6.14E-08	9.73E-08	1.72E-08	9.68E-08	5.42E-07
2219	494361.06	3859851.99	7.55E-04	7.37E-04	7.27E-04	2.61E-07	7.89E-07	4.57E-07	4.46E-07	4.04E-07	1.84E-07	1.82E-07	8.73E-09	2.11E-07	4.65E-08	6.05E-08	9.60E-08	1.69E-08	9.55E-08	5.35E-07
2220	494411.06	3859851.99	7.43E-04	7.25E-04	7.16E-04	2.57E-07	7.77E-07	4.50E-07	4.39E-07	3.98E-07	1.82E-07	1.79E-07	8.59E-09	2.08E-07	4.58E-08	5.96E-08	9.45E-08	1.67E-08	9.40E-08	5.27E-07
2221	494461.06	3859851.99	7.34E-04	7.17E-04	7.07E-04	2.54E-07	7.68E-07	4.44E-07	4.34E-07	3.93E-07	1.79E-07	1.77E-07	8.49E-09	2.05E-07	4.52E-08	5.89E-08	9.34E-08	1.65E-08	9.29E-08	5.20E-07
2222	494511.06	3859851.99	7.31E-04	7.14E-04	7.04E-04	2.53E-07	7.64E-07	4.43E-07	4.32E-07	3.91E-07	1.79E-07	1.76E-07	8.45E-09	2.04E-07	4.51E-08	5.86E-08	9.30E-08	1.64E-08	9.25E-08	5.18E-07
2223	494561.06	3859851.99	7.30E-04	7.13E-04	7.03E-04	2.53E-07	7.63E-07	4.42E-07	4.31E-07	3.91E-07	1.78E-07	1.76E-07	8.44E-09	2.04E-07	4.50E-08	5.85E-08	9.29E-08	1.64E-08	9.23E-08	5.17E-07
2224	494611.06	3859851.99	7.14E-04	6.97E-04	6.87E-04	2.47E-07	7.46E-07	4.32E-07	4.22E-07	3.82E-07	1.74E-07	1.72E-07	8.25E-09	1.99E-07	4.40E-08	5.72E-08	9.08E-08	1.60E-08	9.03E-08	5.06E-07
2225	494661.06	3859851.99	7.10E-04	6.93E-04	6.83E-04	2.46E-07	7.42E-07	4.30E-07	4.19E-07	3.80E-07	1.73E-07	1.71E-07	8.21E-09	1.98E-07	4.37E-08	5.69E-08	9.03E-08	1.59E-08	8.98E-08	5.03E-07
2226	494711.06	3859851.99	6.98E-04	6.81E-04	6.72E-04	2.42E-07	7.30E-07	4.22E-07	4.12E-07	3.74E-07	1.71E-07	1.68E-07	8.07E-09	1.95E-07	4.30E-08	5.60E-08	8.88E-08	1.56E-08	8.83E-08	4.95E-07
2227	494761.06	3859851.99	6.97E-04	6.80E-04	6.71E-04	2.41E-07	7.28E-07	4.21E-07	4.11E-07	3.73E-07	1.70E-07	1.68E-07	8.05E-09	1.94E-07	4.29E-08	5.58E-08	8.86E-08	1.56E-08	8.81E-08	4.94E-07
2228	494811.06	3859851.99	6.90E-04	6.73E-04	6.64E-04	2.39E-07	7.21E-07	4.17E-07	4.07E-07	3.69E-07	1.68E-07	1.66E-07	7.97E-09	1.93E-07	4.25E-08	5.53E-08	8.77E-08	1.55E-08	8.72E-08	4.89E-07
2229	494861.06	3859851.99	6.85E-04	6.68E-04	6.60E-04	2.37E-07	7.16E-07	4.14E-07	4.04E-07	3.67E-07	1.67E-07	1.65E-07	7.92E-09	1.91E-07	4.22E-08	5.49E-08	8.71E-08	1.54E-08	8.66E-08	4.85E-07
2230	494911.06	3859851.99	6.76E-04	6.60E-04	6.51E-04	2.34E-07	7.07E-07	4.09E-07	3.99E-07	3.62E-07	1.65E-07	1.63E-07	7.82E-09	1.89E-07	4.17E-08	5.42E-08	8.60E-08	1.52E-08	8.55E-08	4.79E-07
2231	494961.06	3859851.99	6.70E-04	6.54E-04	6.46E-04	2.32E-07	7.01E-07	4.06E-07	3.96E-07	3.59E-07	1.64E-07	1.62E-07	7.75E-09	1.87E-07	4.13E-08	5.37E-08	8.53E-08	1.50E-08	8.48E-08	4.75E-07
2232	495011.06	3859851.99	6.64E-04	6.48E-04	6.39E-04	2.30E-07	6.94E-07	4.02E-07	3.92E-07	3.55E-07	1.62E-07	1.60E-07	7.67E-09	1.85E-07	4.09E-08	5.32E-08	8.44E-08	1.49E-08	8.40E-08	4.70E-07
2233	495061.06	3859851.99	6.58E-04	6.42E-04	6.34E-04	2.28E-07	6.88E-07	3.98E-07	3.89E-07	3.52E-07	1.61E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.28E-08	8.37E-08	1.48E-08	8.33E-08	4.67E-07
2234	495111.06	3859851.99	6.50E-04	6.34E-04	6.26E-04	2.25E-07	6.80E-07	3.93E-07	3.84E-07	3.48E-07	1.59E-07	1.57E-07	7.51E-09	1.82E-07	4.01E-08	5.21E-08	8.27E-08	1.46E-08	8.22E-08	4.61E-07
2235	495161.06	3859851.99	6.44E-04	6.28E-04	6.20E-04	2.23E-07	6.73E-07	3.90E-07	3.80E-07	3.45E-07	1.57E-07	1.55E-07	7.44E-09	1.80E-07	3.97E-08	5.16E-08	8.19E-08	1.44E-08	8.14E-08	4.56E-07
2236	495211.06	3859851.99	6.38E-04	6.23E-04	6.14E-04	2.21E-07	6.67E-07	3.86E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.38E-09	1.78E-07	3.93E-08	5.12E-08	8.11E-08	1.43E-08	8.07E-08	4.52E-07
2237	495261.06	3859851.99	6.31E-04	6.16E-04	6.08E-04	2.19E-07	6.60E-07	3.82E-07	3.73E-07	3.38E-07	1.54E-07	1.52E-07	7.30E-09	1.76E-07	3.89E-08	5.06E-08	8.03E-08	1.42E-08	7.99E-08	4.47E-07
2238	495311.06	3859851.99	6.26E-04	6.11E-04	6.03E-04	2.17E-07	6.55E-07	3.79E-07	3.70E-07	3.35E-07	1.53E-07	1.51E-07	7.24E-09	1.75E-07	3.86E-08	5.02E-08	7.97E-08	1.40E-08	7.92E-08	4.44E-07
2239	495361.06	3859851.99	6.21E-04	6.06E-04	5.98E-04	2.15E-07	6.49E-07	3.76E-07	3.67E-07	3.32E-07	1.52E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	4.98E-08	7.90E-08	1.39E-08	7.85E-08	4.40E-07
2240	495411.06	3859851.99	6.14E-04	6.00E-04	5.92E-04	2.13E-07	6.42E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.10E-09	1.72E-07	3.79E-08	4.93E-08	7.81E-08	1.38E-08	7.77E-08	4.35E-07
2241	495461.06	3859851.99	6.08E-04	5.93E-04	5.85E-04	2.10E-07	6.35E-07	3.68E-07	3.59E-07	3.25E-07	1.48E-07	1.46E-07	7.03E-09	1.70E-07	3.74E-08	4.87E-08	7.73E-08	1.36E-08	7.69E-08	4.31E-07
2242	495511.06	3859851.99	6.01E-04	5.86E-04	5.78E-04	2.08E-07	6.28E-07	3.63E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.94E-09	1.68E-07	3.70E-08	4.82E-08	7.64E-08	1.35E-08	7.60E-08	4.26E-07
2243	495561.06	3859851.99	5.97E-04	5.82E-04	5.74E-04	2.07E-07	6.24E-07	3.61E-07	3.52E-07	3.19E-07	1.46E-07	1.44E-07	6.90E-09	1.67E-07	3.68E-08	4.78E-08	7.59E-08	1.34E-08	7.55E-08	4.23E-07
2244	495611.06	3859851.99	5.92E-04	5.78E-04	5.70E-04	2.05E-07	6.19E-07	3.58E-07	3.50E-07	3.17E-07	1.45E-07	1.43E-07	6.85E-09	1.65E-07	3.65E-08	4.75E-08	7.53E-08	1.33E-08	7.49E-08	4.20E-07
2245	495661.06	3859851.99	5.86E-04	5.72E-04	5.64E-04	2.03E-07	6.13E-07	3.55E-07	3.46E-07	3.14E-07	1.43E-07	1.41E-07	6.78E-09	1.64E-07	3.61E-08	4.70E-08	7.45E-08	1.31E-08	7.41E-08	4.15E-07
2246	494311.06	3859901.99	7.83E-04	7.64E-04	7.54E-04	2.71E-07	8.19E-07	4.74E-07	4.62E-07	4.19E-07	1.91E-07	1.89E-07	9.05E-09	2.19E-07	4.83E-08	6.28E-08	9.96E-08	1.76E-08	9.91E-08	5.55E-07
2247	494361.06	3859901.99	7.67E-04	7.49E-04	7.39E-04	2.66E-07	8.02E-07	4.64E-07	4.53E-07	4.11E-07	1.87E-07	1.85E-07	8.87E-09	2.14E-07	4.73E-08	6.15E-08	9.76E-08	1.72E-08	9.70E-08	5.44E-07
2248	494411.06	3859901.99	7.62E-04	7.43E-04	7.33E-04	2.64E-07	7.96E-07	4.61E-07	4.50E-07	4.08E-07	1.86E-07	1.84E-07	8.80E-09	2.13E-07	4.69E-08	6.11E-08	9.69E-08	1.71E-08	9.63E-08	5.40E-07

2249	494461.06	3859901.99	7.53E-04	7.35E-04	7.25E-04	2.61E-07	7.87E-07	4.56E-07	4.45E-07	4.03E-07	1.84E-07	1.82E-07	8.71E-09	2.10E-07	4.64E-08	6.04E-08	9.58E-08	1.69E-08	9.53E-08	5.34E-07
2250	494511.06	3859901.99	7.48E-04	7.30E-04	7.20E-04	2.59E-07	7.81E-07	4.52E-07	4.41E-07	4.00E-07	1.83E-07	1.80E-07	8.64E-09	2.09E-07	4.61E-08	5.99E-08	9.51E-08	1.68E-08	9.46E-08	5.30E-07
2251	494561.06	3859901.99	7.48E-04	7.30E-04	7.21E-04	2.59E-07	7.82E-07	4.53E-07	4.42E-07	4.01E-07	1.83E-07	1.80E-07	8.65E-09	2.09E-07	4.61E-08	6.00E-08	9.52E-08	1.68E-08	9.47E-08	5.30E-07
2252	494611.06	3859901.99	7.31E-04	7.13E-04	7.04E-04	2.53E-07	7.64E-07	4.42E-07	4.32E-07	3.91E-07	1.79E-07	1.76E-07	8.45E-09	2.04E-07	4.50E-08	5.86E-08	9.30E-08	1.64E-08	9.25E-08	5.18E-07
2253	494661.06	3859901.99	7.30E-04	7.13E-04	7.03E-04	2.53E-07	7.63E-07	4.42E-07	4.31E-07	3.91E-07	1.78E-07	1.76E-07	8.44E-09	2.04E-07	4.50E-08	5.85E-08	9.29E-08	1.64E-08	9.23E-08	5.17E-07
2254	494711.06	3859901.99	7.14E-04	6.97E-04	6.87E-04	2.47E-07	7.46E-07	4.32E-07	4.22E-07	3.82E-07	1.74E-07	1.72E-07	8.25E-09	1.99E-07	4.40E-08	5.72E-08	9.08E-08	1.60E-08	9.03E-08	5.06E-07
2255	494761.06	3859901.99	7.12E-04	6.94E-04	6.85E-04	2.46E-07	7.44E-07	4.31E-07	4.20E-07	3.81E-07	1.74E-07	1.71E-07	8.22E-09	1.99E-07	4.38E-08	5.70E-08	9.05E-08	1.59E-08	9.00E-08	5.04E-07
2256	494811.06	3859901.99	7.08E-04	6.91E-04	6.82E-04	2.45E-07	7.40E-07	4.29E-07	4.18E-07	3.79E-07	1.73E-07	1.71E-07	8.19E-09	1.98E-07	4.36E-08	5.68E-08	9.01E-08	1.59E-08	8.96E-08	5.02E-07
2257	494861.06	3859901.99	7.03E-04	6.86E-04	6.77E-04	2.43E-07	7.35E-07	4.25E-07	4.15E-07	3.76E-07	1.72E-07	1.69E-07	8.13E-09	1.96E-07	4.33E-08	5.64E-08	8.94E-08	1.58E-08	8.89E-08	4.98E-07
2258	494911.06	3859901.99	6.94E-04	6.77E-04	6.68E-04	2.40E-07	7.25E-07	4.20E-07	4.10E-07	3.71E-07	1.70E-07	1.67E-07	8.02E-09	1.94E-07	4.28E-08	5.56E-08	8.83E-08	1.56E-08	8.78E-08	4.92E-07
2259	494961.06	3859901.99	6.89E-04	6.72E-04	6.63E-04	2.38E-07	7.20E-07	4.17E-07	4.07E-07	3.69E-07	1.68E-07	1.66E-07	7.96E-09	1.92E-07	4.24E-08	5.52E-08	8.76E-08	1.54E-08	8.71E-08	4.88E-07
2260	495011.06	3859901.99	6.81E-04	6.64E-04	6.56E-04	2.36E-07	7.12E-07	4.12E-07	4.02E-07	3.64E-07	1.66E-07	1.64E-07	7.87E-09	1.90E-07	4.19E-08	5.46E-08	8.66E-08	1.53E-08	8.61E-08	4.82E-07
2261	495061.06	3859901.99	6.74E-04	6.57E-04	6.49E-04	2.33E-07	7.04E-07	4.08E-07	3.98E-07	3.61E-07	1.65E-07	1.62E-07	7.79E-09	1.88E-07	4.15E-08	5.40E-08	8.57E-08	1.51E-08	8.52E-08	4.77E-07
2262	495111.06	3859901.99	6.66E-04	6.50E-04	6.41E-04	2.31E-07	6.96E-07	4.03E-07	3.93E-07	3.56E-07	1.63E-07	1.60E-07	7.70E-09	1.86E-07	4.10E-08	5.34E-08	8.47E-08	1.49E-08	8.42E-08	4.72E-07
2263	495161.06	3859901.99	6.58E-04	6.42E-04	6.34E-04	2.28E-07	6.88E-07	3.98E-07	3.89E-07	3.52E-07	1.61E-07	1.59E-07	7.61E-09	1.84E-07	4.05E-08	5.27E-08	8.37E-08	1.47E-08	8.32E-08	4.66E-07
2264	495211.06	3859901.99	6.53E-04	6.38E-04	6.29E-04	2.26E-07	6.83E-07	3.95E-07	3.86E-07	3.50E-07	1.60E-07	1.57E-07	7.55E-09	1.82E-07	4.03E-08	5.24E-08	8.31E-08	1.46E-08	8.26E-08	4.63E-07
2265	495261.06	3859901.99	6.45E-04	6.30E-04	6.21E-04	2.23E-07	6.74E-07	3.90E-07	3.81E-07	3.45E-07	1.58E-07	1.55E-07	7.46E-09	1.80E-07	3.97E-08	5.17E-08	8.20E-08	1.45E-08	8.16E-08	4.57E-07
2266	495311.06	3859901.99	6.41E-04	6.25E-04	6.17E-04	2.22E-07	6.70E-07	3.88E-07	3.78E-07	3.43E-07	1.56E-07	1.54E-07	7.40E-09	1.79E-07	3.95E-08	5.14E-08	8.15E-08	1.44E-08	8.10E-08	4.54E-07
2267	495361.06	3859901.99	6.34E-04	6.19E-04	6.11E-04	2.20E-07	6.63E-07	3.84E-07	3.75E-07	3.40E-07	1.55E-07	1.53E-07	7.33E-09	1.77E-07	3.91E-08	5.09E-08	8.07E-08	1.42E-08	8.02E-08	4.50E-07
2268	495411.06	3859901.99	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.56E-07	3.80E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.98E-08	1.41E-08	7.93E-08	4.45E-07
2269	495461.06	3859901.99	6.21E-04	6.06E-04	5.98E-04	2.15E-07	6.49E-07	3.76E-07	3.67E-07	3.32E-07	1.52E-07	1.50E-07	7.18E-09	1.73E-07	3.83E-08	4.98E-08	7.90E-08	1.39E-08	7.85E-08	4.40E-07
2270	495511.06	3859901.99	6.16E-04	6.01E-04	5.93E-04	2.13E-07	6.44E-07	3.73E-07	3.64E-07	3.30E-07	1.50E-07	1.48E-07	7.12E-09	1.72E-07	3.80E-08	4.94E-08	7.83E-08	1.38E-08	7.79E-08	4.37E-07
2271	495561.06	3859901.99	6.12E-04	5.97E-04	5.89E-04	2.12E-07	6.40E-07	3.70E-07	3.61E-07	3.28E-07	1.49E-07	1.47E-07	7.07E-09	1.71E-07	3.77E-08	4.91E-08	7.78E-08	1.37E-08	7.74E-08	4.34E-07
2272	495611.06	3859901.99	6.06E-04	5.91E-04	5.83E-04	2.10E-07	6.33E-07	3.67E-07	3.58E-07	3.24E-07	1.48E-07	1.46E-07	7.00E-09	1.69E-07	3.73E-08	4.86E-08	7.70E-08	1.36E-08	7.66E-08	4.29E-07
2273	495661.06	3859901.99	5.99E-04	5.85E-04	5.77E-04	2.07E-07	6.26E-07	3.62E-07	3.54E-07	3.21E-07	1.46E-07	1.44E-07	6.93E-09	1.67E-07	3.69E-08	4.80E-08	7.62E-08	1.34E-08	7.58E-08	4.25E-07
2274	494311.06	3859951.99	8.03E-04	7.84E-04	7.73E-04	2.78E-07	8.40E-07	4.86E-07	4.74E-07	4.30E-07	1.96E-07	1.94E-07	9.28E-09	2.24E-07	4.95E-08	6.44E-08	1.02E-07	1.80E-08	1.02E-07	5.69E-07
2275	494361.06	3859951.99	7.91E-04	7.72E-04	7.62E-04	2.74E-07	8.27E-07	4.79E-07	4.67E-07	4.23E-07	1.93E-07	1.91E-07	9.15E-09	2.21E-07	4.87E-08	6.34E-08	1.01E-07	1.77E-08	1.00E-07	5.61E-07
2276	494411.06	3859951.99	7.81E-04	7.62E-04	7.52E-04	2.70E-07	8.16E-07	4.72E-07	4.61E-07	4.18E-07	1.91E-07	1.88E-07	9.03E-09	2.18E-07	4.81E-08	6.26E-08	9.93E-08	1.75E-08	9.87E-08	5.53E-07
2277	494461.06	3859951.99	7.72E-04	7.53E-04	7.43E-04	2.67E-07	8.07E-07	4.67E-07	4.56E-07	4.13E-07	1.89E-07	1.86E-07	8.92E-09	2.16E-07	4.76E-08	6.19E-08	9.82E-08	1.73E-08	9.76E-08	5.47E-07
2278	494511.06	3859951.99	7.66E-04	7.48E-04	7.38E-04	2.65E-07	8.01E-07	4.64E-07	4.52E-07	4.10E-07	1.87E-07	1.85E-07	8.86E-09	2.14E-07	4.72E-08	6.14E-08	9.74E-08	1.72E-08	9.69E-08	5.43E-07
2279	494561.06	3859951.99	7.69E-04	7.51E-04	7.41E-04	2.66E-07	8.04E-07	4.65E-07	4.54E-07	4.12E-07	1.88E-07	1.85E-07	8.89E-09	2.15E-07	4.74E-08	6.17E-08	9.78E-08	1.72E-08	9.73E-08	5.45E-07
2280	494611.06	3859951.99	7.53E-04	7.35E-04	7.25E-04	2.61E-07	7.87E-07	4.56E-07	4.45E-07	4.03E-07	1.84E-07	1.81E-07	8.70E-09	2.10E-07	4.64E-08	6.04E-08	9.58E-08	1.69E-08	9.52E-08	5.34E-07
2281	494661.06	3859951.99	7.52E-04	7.34E-04	7.24E-04	2.60E-07	7.86E-07	4.55E-07	4.44E-07	4.02E-07	1.84E-07	1.81E-07	8.69E-09	2.10E-07	4.63E-08	6.03E-08	9.56E-08	1.68E-08	9.51E-08	5.33E-07
2282	494711.06	3859951.99	7.37E-04	7.19E-04	7.09E-04	2.55E-07	7.70E-07	4.46E-07	4.35E-07	3.94E-07	1.80E-07	1.78E-07	8.52E-09	2.06E-07	4.54E-08	5.91E-08	9.37E-08	1.65E-08	9.32E-08	5.22E-07
2283	494761.06	3859951.99	7.32E-04	7.14E-04	7.05E-04	2.53E-07	7.65E-07	4.43E-07	4.32E-07	3.92E-07	1.79E-07	1.76E-07	8.46E-09	2.04E-07	4.51E-08	5.87E-08	9.31E-08	1.64E-08	9.26E-08	5.19E-07
2284	494811.06	3859951.99	7.26E-04	7.08E-04	6.99E-04	2.51E-07	7.58E-07	4.39E-07	4.28E-07	3.88E-07	1.77E-07	1.75E-07	8.39E-09	2.03E-07	4.47E-08	5.82E-08	9.23E-08	1.63E-08	9.18E-08	5.14E-07
2285	494861.06	3859951.99	7.22E-04	7.05E-04	6.95E-04	2.50E-07	7.55E-07	4.37E-07	4.26E-07	3.87E-07	1.76E-07	1.74E-07	8.35E-09	2.02E-07	4.45E-08	5.79E-08	9.19E-08	1.62E-08	9.13E-08	5.12E-07
2286	494911.06	3859951.99	7.12E-04	6.95E-04	6.86E-04	2.47E-07	7.45E-07	4.31E-07	4.21E-07	3.81E-07	1.74E-07	1.72E-07	8.23E-09	1.99E-07	4.39E-08	5.71E-08	9.06E-08	1.60E-08	9.01E-08	5.05E-07
2287	494961.06	3859951.99	7.04E-04	6.87E-04	6.78E-04	2.44E-07	7.36E-07	4.26E-07	4.16E-07	3.77E-07	1.72E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.64E-08	8.95E-08	1.58E-08	8.90E-08	4.99E-07
2288	495011.06	3859951.99	6.97E-04	6.80E-04	6.71E-04	2.41E-07	7.28E-07	4.21E-07	4.11E-07	3.73E-07	1.70E-07	1.68E-07	8.05E-09	1.94E-07	4.29E-08	5.58E-08	8.86E-08	1.56E-08	8.81E-08	4.94E-07
2289	495061.06	3859951.99	6.90E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.69E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.25E-08	5.53E-08	8.78E-08	1.55E-08	8.73E-08	4.89E-07
2290	495111.06	3859951.99	6.81E-04	6.65E-04	6.56E-04	2.36E-07	7.12E-07	4.12E-07	4.02E-07	3.65E-07	1.66E-07	1.64E-07	7.87E-09	1.90E-07	4.20E-08	5.46E-08	8.66E-08	1.53E-08	8.62E-08	4.83E-07
2291	495161.06	3859951.99	6.73E-04	6.57E-04	6.48E-04	2.33E-07	7.04E-07	4.07E-07	3.98E-07	3.60E-07	1.64E-07	1.62E-07	7.78E-09	1.88E-07	4.15E-08	5.40E-08	8.56E-08	1.51E-08	8.52E-08	4.77E-07
2292	495211.06	3859951.99	6.66E-04	6.50E-04	6.41E-04	2.31E-07	6.96E-07	4.03E-07	3.93E-07	3.56E-07	1.63E-07	1.60E-07	7.70E-09	1.86E-07	4.10E-08	5.34E-08	8.47E-08	1.49E-08	8.42E-08	4.72E-07
2293	495261.06	3859951.99	6.59E-04	6.43E-04	6.35E-04	2.28E-07	6.89E-07	3.99E-07	3.89E-07	3.53E-07	1.61E-07	1.59E-07	7.62E-09	1.84E-07	4.06E-08	5.28E-08	8.38E-08	1.48E-08	8.34E-08	4.67E-07
2294	495311.06	3859951.99	6.56E-04	6.40E-04	6.32E-04	2.27E-07	6.86E-07	3.97E-07	3.87E-07	3.51E-07	1.60E-07	1.58E-07	7.58E-09	1.83E-07	4.04E-08	5.26E-08	8.34E-08	1.47E-08	8.30E-08	4.65E-07
2295	495361.06	3859951.99	6.50E-04	6.34E-04	6.26E-04	2.25E-07	6.80E-07	3.93E-07	3.84E-07	3.48E-07	1.59E-07	1.57E-07	7.51E-09	1.82E-07	4.01E-08	5.21E-08	8.27E-08	1.46E-08	8.22E-08	4.61E-07
2296	495411.06	3859951.99	6.43E-04	6.28E-04	6.19E-04	2.23E-07	6.72E-07	3.89E-07	3.80E-07	3.44E-07	1.57E-07	1.55E-07	7.43E-09	1.80E-07	3.96E-08	5.16E-08	8.18E-08	1.44E-08	8.13E-08	4.56E-07
2297	495461.06	3859951.99	6.36E-04	6.21E-04	6.13E-04	2.20E-07	6.65E-07	3.85E-07	3.76E-07	3.41E-07	1.55E-07	1.53E-07	7.36E-09	1.78E-07	3.92E-08	5.10E-08	8.09E-08	1.43E-08	8.05E-08	4.51E-07
2298	495511.06	3859951.99	6.30E-04	6.15E-04	6.06E-04	2.18E-07	6.58E-07	3.81E-07	3.72E-07	3.37E-07	1.54E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.05E-08	8.01E-08	1.41E-08	7.96E-08	4.46E-07
2299	495561.06	3859951.99	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.56E-07	3.80E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.98E-08	1.41E-08	7.93E-08	4.45E-07
2300	495611.06	3859951.99	6.20E-04	6.05E-04	5.97E-04	2.15E-07	6.48E-07	3.75E-07	3.66E-07	3.32E-07	1.51E-07	1.49E-07	7.17E-09	1.73E-07	3.82E-08	4.97E-08	7.89E-08	1.39E-08	7.84E-08	4.40E-07
2301	495661.06	3859951.99	6.13E-04	5.98E-04	5.90E-04	2.12E-07	6.40E-07	3.71E-07	3.62E-07	3.28E-07	1.50E-07	1.48E-07	7.08E-09	1.71E-07	3.78E-08	4.91E-08	7.79E-08	1.37E-08	7.75E-08	4.34E-07
2302	494311.06	3860001.99	8.24E-04	8.04E-04	7.93E-04	2.85E-07	8.61E-07	4.98E-07	4.86E-07	4.41E-07	2.01E-07	1.98E-07	9.52E-09	2.30E-07	5.07E-08	6.60E-08	1.05E-07	1.85E-08	1.04E-07	5.84E-07
2303	494361.06	3860001.99	8.14E-04	7.94E-04	7.83E-04	2.82E-07	8.50E-07	4.92E-07	4.80E-07	4.35E-07	1.99E-07	1.96E-07	9.40E-09	2.27E-07	5.01E-08	6.52E-08	1.03E-07	1.82E-08	1.03E-07	5.77E-07

2304	494411.06	3860001.99	7.99E-04	7.80E-04	7.70E-04	2.77E-07	8.36E-07	4.84E-07	4.72E-07	4.28E-07	1.95E-07	1.93E-07	9.24E-09	2.23E-07	4.93E-08	6.41E-08	1.02E-07	1.79E-08	1.01E-07	5.67E-07
2305	494461.06	3860001.99	7.93E-04	7.74E-04	7.63E-04	2.74E-07	8.29E-07	4.80E-07	4.68E-07	4.24E-07	1.94E-07	1.91E-07	9.16E-09	2.21E-07	4.88E-08	6.36E-08	1.01E-07	1.78E-08	1.00E-07	5.62E-07
2306	494511.06	3860001.99	7.82E-04	7.63E-04	7.53E-04	2.71E-07	8.17E-07	4.73E-07	4.62E-07	4.19E-07	1.91E-07	1.88E-07	9.04E-09	2.18E-07	4.82E-08	6.27E-08	9.95E-08	1.75E-08	9.89E-08	5.54E-07
2307	494561.06	3860001.99	7.90E-04	7.70E-04	7.60E-04	2.73E-07	8.25E-07	4.78E-07	4.66E-07	4.23E-07	1.93E-07	1.90E-07	9.13E-09	2.20E-07	4.86E-08	6.33E-08	1.00E-07	1.77E-08	9.98E-08	5.59E-07
2308	494611.06	3860001.99	7.78E-04	7.59E-04	7.49E-04	2.69E-07	8.13E-07	4.71E-07	4.59E-07	4.16E-07	1.90E-07	1.87E-07	8.99E-09	2.17E-07	4.79E-08	6.24E-08	9.89E-08	1.74E-08	9.84E-08	5.51E-07
2309	494661.06	3860001.99	7.72E-04	7.53E-04	7.43E-04	2.67E-07	8.07E-07	4.67E-07	4.56E-07	4.13E-07	1.88E-07	1.86E-07	8.92E-09	2.15E-07	4.75E-08	6.19E-08	9.81E-08	1.73E-08	9.76E-08	5.47E-07
2310	494711.06	3860001.99	7.51E-04	7.32E-04	7.23E-04	2.60E-07	7.84E-07	4.54E-07	4.43E-07	4.02E-07	1.83E-07	1.81E-07	8.68E-09	2.10E-07	4.62E-08	6.02E-08	9.54E-08	1.68E-08	9.49E-08	5.32E-07
2311	494761.06	3860001.99	7.51E-04	7.33E-04	7.23E-04	2.60E-07	7.85E-07	4.55E-07	4.44E-07	4.02E-07	1.83E-07	1.81E-07	8.69E-09	2.10E-07	4.63E-08	6.02E-08	9.55E-08	1.68E-08	9.50E-08	5.32E-07
2312	494811.06	3860001.99	7.46E-04	7.28E-04	7.19E-04	2.58E-07	7.80E-07	4.52E-07	4.41E-07	3.99E-07	1.82E-07	1.80E-07	8.63E-09	2.08E-07	4.60E-08	5.98E-08	9.49E-08	1.67E-08	9.44E-08	5.29E-07
2313	494861.06	3860001.99	7.43E-04	7.25E-04	7.15E-04	2.57E-07	7.76E-07	4.49E-07	4.38E-07	3.97E-07	1.81E-07	1.79E-07	8.58E-09	2.07E-07	4.58E-08	5.95E-08	9.44E-08	1.66E-08	9.39E-08	5.26E-07
2314	494911.06	3860001.99	7.24E-04	7.07E-04	6.97E-04	2.51E-07	7.57E-07	4.38E-07	4.28E-07	3.88E-07	1.77E-07	1.75E-07	8.37E-09	2.02E-07	4.46E-08	5.81E-08	9.21E-08	1.62E-08	9.16E-08	5.13E-07
2315	494961.06	3860001.99	7.20E-04	7.03E-04	6.93E-04	2.49E-07	7.53E-07	4.36E-07	4.25E-07	3.85E-07	1.76E-07	1.74E-07	8.33E-09	2.01E-07	4.44E-08	5.77E-08	9.16E-08	1.61E-08	9.11E-08	5.10E-07
2316	495011.06	3860001.99	7.12E-04	6.94E-04	6.85E-04	2.46E-07	7.44E-07	4.31E-07	4.20E-07	3.81E-07	1.74E-07	1.71E-07	8.22E-09	1.99E-07	4.38E-08	5.70E-08	9.05E-08	1.59E-08	9.00E-08	5.04E-07
2317	495061.06	3860001.99	7.08E-04	6.91E-04	6.81E-04	2.45E-07	7.40E-07	4.28E-07	4.18E-07	3.79E-07	1.73E-07	1.71E-07	8.18E-09	1.98E-07	4.36E-08	5.67E-08	9.00E-08	1.59E-08	8.95E-08	5.02E-07
2318	495111.06	3860001.99	6.99E-04	6.82E-04	6.73E-04	2.42E-07	7.30E-07	4.23E-07	4.13E-07	3.74E-07	1.71E-07	1.68E-07	8.08E-09	1.95E-07	4.30E-08	5.60E-08	8.88E-08	1.57E-08	8.84E-08	4.95E-07
2319	495161.06	3860001.99	6.90E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.69E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.25E-08	5.53E-08	8.78E-08	1.55E-08	8.73E-08	4.89E-07
2320	495211.06	3860001.99	6.86E-04	6.70E-04	6.61E-04	2.38E-07	7.17E-07	4.15E-07	4.05E-07	3.67E-07	1.68E-07	1.65E-07	7.93E-09	1.92E-07	4.23E-08	5.50E-08	8.73E-08	1.54E-08	8.68E-08	4.86E-07
2321	495261.06	3860001.99	6.79E-04	6.62E-04	6.54E-04	2.35E-07	7.09E-07	4.11E-07	4.01E-07	3.63E-07	1.66E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.44E-08	8.63E-08	1.52E-08	8.58E-08	4.81E-07
2322	495311.06	3860001.99	6.73E-04	6.57E-04	6.48E-04	2.33E-07	7.03E-07	4.07E-07	3.97E-07	3.60E-07	1.64E-07	1.62E-07	7.78E-09	1.88E-07	4.15E-08	5.39E-08	8.56E-08	1.51E-08	8.51E-08	4.77E-07
2323	495361.06	3860001.99	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.48E-08	8.38E-08	4.69E-07
2324	495411.06	3860001.99	6.60E-04	6.44E-04	6.36E-04	2.28E-07	6.90E-07	3.99E-07	3.90E-07	3.53E-07	1.61E-07	1.59E-07	7.63E-09	1.84E-07	4.07E-08	5.29E-08	8.39E-08	1.48E-08	8.35E-08	4.68E-07
2325	495461.06	3860001.99	6.53E-04	6.38E-04	6.29E-04	2.26E-07	6.83E-07	3.95E-07	3.86E-07	3.50E-07	1.60E-07	1.57E-07	7.55E-09	1.82E-07	4.03E-08	5.24E-08	8.31E-08	1.46E-08	8.26E-08	4.63E-07
2326	495511.06	3860001.99	6.47E-04	6.32E-04	6.23E-04	2.24E-07	6.76E-07	3.92E-07	3.82E-07	3.46E-07	1.58E-07	1.56E-07	7.48E-09	1.81E-07	3.99E-08	5.19E-08	8.23E-08	1.45E-08	8.19E-08	4.59E-07
2327	495561.06	3860001.99	6.44E-04	6.28E-04	6.20E-04	2.23E-07	6.73E-07	3.90E-07	3.80E-07	3.45E-07	1.57E-07	1.55E-07	7.44E-09	1.80E-07	3.97E-08	5.16E-08	8.19E-08	1.44E-08	8.14E-08	4.56E-07
2328	495611.06	3860001.99	6.36E-04	6.21E-04	6.13E-04	2.20E-07	6.65E-07	3.85E-07	3.76E-07	3.41E-07	1.55E-07	1.53E-07	7.36E-09	1.78E-07	3.92E-08	5.10E-08	8.09E-08	1.43E-08	8.05E-08	4.51E-07
2329	495661.06	3860001.99	6.29E-04	6.14E-04	6.06E-04	2.18E-07	6.57E-07	3.81E-07	3.71E-07	3.37E-07	1.54E-07	1.52E-07	7.27E-09	1.76E-07	3.88E-08	5.04E-08	8.00E-08	1.41E-08	7.95E-08	4.46E-07
2330	494411.06	3860051.99	8.23E-04	8.03E-04	7.92E-04	2.85E-07	8.60E-07	4.98E-07	4.86E-07	4.40E-07	2.01E-07	1.98E-07	9.51E-09	2.30E-07	5.07E-08	6.60E-08	1.05E-07	1.84E-08	1.04E-07	5.83E-07
2331	494461.06	3860051.99	8.13E-04	7.93E-04	7.83E-04	2.81E-07	8.49E-07	4.92E-07	4.80E-07	4.35E-07	1.98E-07	1.96E-07	9.39E-09	2.27E-07	5.01E-08	6.52E-08	1.03E-07	1.82E-08	1.03E-07	5.76E-07
2332	494511.06	3860051.99	8.04E-04	7.84E-04	7.74E-04	2.78E-07	8.40E-07	4.86E-07	4.74E-07	4.30E-07	1.96E-07	1.94E-07	9.29E-09	2.24E-07	4.95E-08	6.44E-08	1.02E-07	1.80E-08	1.02E-07	5.69E-07
2333	494561.06	3860051.99	8.04E-04	7.85E-04	7.75E-04	2.78E-07	8.41E-07	4.87E-07	4.75E-07	4.31E-07	1.96E-07	1.94E-07	9.30E-09	2.25E-07	4.96E-08	6.45E-08	1.02E-07	1.80E-08	1.02E-07	5.70E-07
2334	494611.06	3860051.99	7.99E-04	7.80E-04	7.70E-04	2.77E-07	8.36E-07	4.84E-07	4.72E-07	4.28E-07	1.95E-07	1.93E-07	9.24E-09	2.23E-07	4.93E-08	6.41E-08	1.02E-07	1.79E-08	1.01E-07	5.67E-07
2335	494661.06	3860051.99	7.93E-04	7.74E-04	7.63E-04	2.74E-07	8.29E-07	4.80E-07	4.68E-07	4.24E-07	1.94E-07	1.91E-07	9.16E-09	2.21E-07	4.88E-08	6.36E-08	1.01E-07	1.78E-08	1.00E-07	5.62E-07
2336	494711.06	3860051.99	7.78E-04	7.59E-04	7.49E-04	2.69E-07	8.13E-07	4.71E-07	4.59E-07	4.16E-07	1.90E-07	1.87E-07	8.99E-09	2.17E-07	4.79E-08	6.24E-08	9.89E-08	1.74E-08	9.84E-08	5.51E-07
2337	494761.06	3860051.99	7.72E-04	7.53E-04	7.43E-04	2.67E-07	8.07E-07	4.67E-07	4.56E-07	4.13E-07	1.89E-07	1.86E-07	8.92E-09	2.16E-07	4.76E-08	6.19E-08	9.82E-08	1.73E-08	9.76E-08	5.47E-07
2338	494811.06	3860051.99	7.70E-04	7.51E-04	7.41E-04	2.67E-07	8.05E-07	4.66E-07	4.55E-07	4.12E-07	1.88E-07	1.86E-07	8.90E-09	2.15E-07	4.74E-08	6.17E-08	9.79E-08	1.73E-08	9.74E-08	5.46E-07
2339	494861.06	3860051.99	7.67E-04	7.49E-04	7.39E-04	2.66E-07	8.02E-07	4.64E-07	4.53E-07	4.11E-07	1.87E-07	1.85E-07	8.87E-09	2.14E-07	4.73E-08	6.15E-08	9.76E-08	1.72E-08	9.70E-08	5.44E-07
2340	494911.06	3860051.99	7.55E-04	7.37E-04	7.27E-04	2.62E-07	7.90E-07	4.57E-07	4.46E-07	4.04E-07	1.85E-07	1.82E-07	8.73E-09	2.11E-07	4.65E-08	6.06E-08	9.61E-08	1.69E-08	9.55E-08	5.35E-07
2341	494961.06	3860051.99	7.44E-04	7.26E-04	7.16E-04	2.58E-07	7.78E-07	4.50E-07	4.39E-07	3.98E-07	1.82E-07	1.79E-07	8.60E-09	2.08E-07	4.58E-08	5.96E-08	9.46E-08	1.67E-08	9.41E-08	5.27E-07
2342	495011.06	3860051.99	7.34E-04	7.16E-04	7.06E-04	2.54E-07	7.67E-07	4.44E-07	4.33E-07	3.93E-07	1.79E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	5.88E-08	9.33E-08	1.64E-08	9.28E-08	5.20E-07
2343	495061.06	3860051.99	7.26E-04	7.08E-04	6.99E-04	2.51E-07	7.58E-07	4.39E-07	4.28E-07	3.88E-07	1.77E-07	1.75E-07	8.39E-09	2.03E-07	4.47E-08	5.82E-08	9.23E-08	1.63E-08	9.18E-08	5.14E-07
2344	495111.06	3860051.99	7.15E-04	6.98E-04	6.89E-04	2.48E-07	7.48E-07	4.33E-07	4.22E-07	3.83E-07	1.75E-07	1.72E-07	8.27E-09	2.00E-07	4.41E-08	5.73E-08	9.10E-08	1.60E-08	9.05E-08	5.07E-07
2345	495161.06	3860051.99	7.08E-04	6.91E-04	6.81E-04	2.45E-07	7.40E-07	4.28E-07	4.18E-07	3.79E-07	1.73E-07	1.71E-07	8.18E-09	1.98E-07	4.36E-08	5.67E-08	9.00E-08	1.59E-08	8.95E-08	5.02E-07
2346	495211.06	3860051.99	6.99E-04	6.83E-04	6.74E-04	2.42E-07	7.31E-07	4.23E-07	4.13E-07	3.74E-07	1.71E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.61E-08	8.90E-08	1.57E-08	8.85E-08	4.96E-07
2347	495261.06	3860051.99	6.95E-04	6.78E-04	6.69E-04	2.40E-07	7.26E-07	4.20E-07	4.10E-07	3.72E-07	1.70E-07	1.67E-07	8.03E-09	1.94E-07	4.28E-08	5.57E-08	8.83E-08	1.56E-08	8.78E-08	4.92E-07
2348	495311.06	3860051.99	6.90E-04	6.73E-04	6.64E-04	2.39E-07	7.21E-07	4.17E-07	4.07E-07	3.69E-07	1.68E-07	1.66E-07	7.97E-09	1.93E-07	4.25E-08	5.53E-08	8.77E-08	1.55E-08	8.72E-08	4.89E-07
2349	495361.06	3860051.99	6.84E-04	6.68E-04	6.59E-04	2.37E-07	7.15E-07	4.14E-07	4.04E-07	3.66E-07	1.67E-07	1.65E-07	7.91E-09	1.91E-07	4.22E-08	5.48E-08	8.70E-08	1.53E-08	8.65E-08	4.85E-07
2350	495411.06	3860051.99	6.78E-04	6.62E-04	6.53E-04	2.35E-07	7.09E-07	4.10E-07	4.00E-07	3.63E-07	1.66E-07	1.63E-07	7.84E-09	1.89E-07	4.18E-08	5.43E-08	8.62E-08	1.52E-08	8.57E-08	4.80E-07
2351	495461.06	3860051.99	6.71E-04	6.55E-04	6.46E-04	2.32E-07	7.01E-07	4.06E-07	3.96E-07	3.59E-07	1.64E-07	1.62E-07	7.75E-09	1.87E-07	4.13E-08	5.38E-08	8.53E-08	1.50E-08	8.48E-08	4.75E-07
2352	495511.06	3860051.99	6.66E-04	6.50E-04	6.41E-04	2.31E-07	6.96E-07	4.03E-07	3.93E-07	3.56E-07	1.63E-07	1.60E-07	7.70E-09	1.86E-07	4.10E-08	5.34E-08	8.47E-08	1.49E-08	8.42E-08	4.72E-07
2353	495561.06	3860051.99	6.60E-04	6.44E-04	6.36E-04	2.28E-07	6.90E-07	3.99E-07	3.90E-07	3.53E-07	1.61E-07	1.59E-07	7.63E-09	1.84E-07	4.07E-08	5.29E-08	8.39E-08	1.48E-08	8.35E-08	4.68E-07
2354	495611.06	3860051.99	6.53E-04	6.37E-04	6.29E-04	2.26E-07	6.83E-07	3.95E-07	3.86E-07	3.50E-07	1.59E-07	1.57E-07	7.55E-09	1.82E-07	4.02E-08	5.23E-08	8.30E-08	1.46E-08	8.26E-08	4.63E-07
2355	495661.06	3860051.99	6.45E-04	6.29E-04	6.21E-04	2.23E-07	6.74E-07	3.90E-07	3.81E-07	3.45E-07	1.57E-07	1.55E-07	7.45E-09	1.80E-07	3.97E-08	5.17E-08	8.20E-08	1.44E-08	8.15E-08	4.57E-07
2356	494411.06	3860101.99	8.36E-04	8.16E-04	8.05E-04	2.90E-07	8.74E-07	5.06E-07	4.94E-07	4.48E-07	2.04E-07	2.02E-07	9.67E-09	2.34E-07	5.15E-08	6.70E-08	1.06E-07	1.87E-08	1.06E-07	5.93E-07
2357	494461.06	3860101.99	8.36E-04	8.16E-04	8.05E-04	2.89E-07	8.74E-07	5.06E-07	4.94E-07	4.47E-07	2.04E-07	2.01E-07	9.66E-09	2.33E-07	5.15E-08	6.70E-08	1.06E-07	1.87E-08	1.06E-07	5.92E-07
2358	494511.06	3860101.99	8.21E-04	8.02E-04	7.91E-04	2.84E-07	8.59E-07	4.97E-07	4.85E-07	4.40E-07	2.01E-07	1.98E-07	9.50E-09	2.29E-07	5.06E-08	6.59E-08	1.04E-07	1.84E-08	1.04E-07	5.82E-07

2359	494561.06	3860101.99	8.17E-04	7.97E-04	7.87E-04	2.83E-07	8.54E-07	4.94E-07	4.82E-07	4.37E-07	2.00E-07	1.97E-07	9.44E-09	2.28E-07	5.03E-08	6.55E-08	1.04E-07	1.83E-08	1.03E-07	5.79E-07
2360	494611.06	3860101.99	8.18E-04	7.98E-04	7.87E-04	2.83E-07	8.55E-07	4.95E-07	4.83E-07	4.38E-07	2.00E-07	1.97E-07	9.45E-09	2.28E-07	5.04E-08	6.56E-08	1.04E-07	1.83E-08	1.03E-07	5.79E-07
2361	494661.06	3860101.99	8.13E-04	7.93E-04	7.83E-04	2.81E-07	8.49E-07	4.92E-07	4.80E-07	4.35E-07	1.98E-07	1.96E-07	9.39E-09	2.27E-07	5.01E-08	6.52E-08	1.03E-07	1.82E-08	1.03E-07	5.76E-07
2362	494711.06	3860101.99	7.99E-04	7.79E-04	7.69E-04	2.76E-07	8.35E-07	4.83E-07	4.72E-07	4.27E-07	1.95E-07	1.92E-07	9.23E-09	2.23E-07	4.92E-08	6.40E-08	1.02E-07	1.79E-08	1.01E-07	5.66E-07
2363	494761.06	3860101.99	7.93E-04	7.74E-04	7.63E-04	2.74E-07	8.29E-07	4.80E-07	4.68E-07	4.24E-07	1.94E-07	1.91E-07	9.16E-09	2.21E-07	4.88E-08	6.36E-08	1.01E-07	1.78E-08	1.00E-07	5.62E-07
2364	494811.06	3860101.99	7.88E-04	7.69E-04	7.59E-04	2.73E-07	8.23E-07	4.77E-07	4.65E-07	4.22E-07	1.92E-07	1.90E-07	9.11E-09	2.20E-07	4.85E-08	6.32E-08	1.00E-07	1.77E-08	9.96E-08	5.58E-07
2365	494861.06	3860101.99	7.92E-04	7.73E-04	7.63E-04	2.74E-07	8.28E-07	4.79E-07	4.68E-07	4.24E-07	1.94E-07	1.91E-07	9.16E-09	2.21E-07	4.88E-08	6.35E-08	1.01E-07	1.78E-08	1.00E-07	5.62E-07
2366	494911.06	3860101.99	7.69E-04	7.50E-04	7.40E-04	2.66E-07	8.04E-07	4.65E-07	4.54E-07	4.11E-07	1.88E-07	1.85E-07	8.89E-09	2.15E-07	4.74E-08	6.16E-08	9.78E-08	1.72E-08	9.72E-08	5.45E-07
2367	494961.06	3860101.99	7.62E-04	7.44E-04	7.34E-04	2.64E-07	7.97E-07	4.61E-07	4.50E-07	4.08E-07	1.86E-07	1.84E-07	8.81E-09	2.13E-07	4.70E-08	6.11E-08	9.69E-08	1.71E-08	9.64E-08	5.40E-07
2368	495011.06	3860101.99	7.52E-04	7.34E-04	7.24E-04	2.60E-07	7.86E-07	4.55E-07	4.44E-07	4.03E-07	1.84E-07	1.81E-07	8.69E-09	2.10E-07	4.63E-08	6.03E-08	9.57E-08	1.69E-08	9.51E-08	5.33E-07
2369	495061.06	3860101.99	7.43E-04	7.25E-04	7.15E-04	2.57E-07	7.77E-07	4.50E-07	4.39E-07	3.98E-07	1.81E-07	1.79E-07	8.59E-09	2.07E-07	4.58E-08	5.96E-08	9.45E-08	1.67E-08	9.40E-08	5.27E-07
2370	495111.06	3860101.99	7.32E-04	7.14E-04	7.05E-04	2.53E-07	7.65E-07	4.43E-07	4.32E-07	3.92E-07	1.79E-07	1.76E-07	8.46E-09	2.04E-07	4.51E-08	5.87E-08	9.31E-08	1.64E-08	9.26E-08	5.19E-07
2371	495161.06	3860101.99	7.27E-04	7.09E-04	7.00E-04	2.52E-07	7.60E-07	4.40E-07	4.29E-07	3.89E-07	1.78E-07	1.75E-07	8.40E-09	2.03E-07	4.48E-08	5.83E-08	9.24E-08	1.63E-08	9.19E-08	5.15E-07
2372	495211.06	3860101.99	7.19E-04	7.02E-04	6.93E-04	2.49E-07	7.52E-07	4.35E-07	4.25E-07	3.85E-07	1.76E-07	1.73E-07	8.32E-09	2.01E-07	4.43E-08	5.77E-08	9.15E-08	1.61E-08	9.10E-08	5.10E-07
2373	495261.06	3860101.99	7.13E-04	6.96E-04	6.86E-04	2.47E-07	7.45E-07	4.31E-07	4.21E-07	3.81E-07	1.74E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	5.71E-08	9.06E-08	1.60E-08	9.01E-08	5.05E-07
2374	495311.06	3860101.99	7.06E-04	6.89E-04	6.80E-04	2.44E-07	7.38E-07	4.27E-07	4.17E-07	3.78E-07	1.72E-07	1.70E-07	8.16E-09	1.97E-07	4.35E-08	5.66E-08	8.98E-08	1.58E-08	8.93E-08	5.00E-07
2375	495361.06	3860101.99	7.02E-04	6.85E-04	6.76E-04	2.43E-07	7.34E-07	4.25E-07	4.14E-07	3.76E-07	1.71E-07	1.69E-07	8.11E-09	1.96E-07	4.33E-08	5.63E-08	8.93E-08	1.57E-08	8.88E-08	4.97E-07
2376	495411.06	3860101.99	6.95E-04	6.79E-04	6.70E-04	2.41E-07	7.27E-07	4.21E-07	4.11E-07	3.72E-07	1.70E-07	1.68E-07	8.04E-09	1.94E-07	4.28E-08	5.57E-08	8.84E-08	1.56E-08	8.79E-08	4.93E-07
2377	495461.06	3860101.99	6.85E-04	6.69E-04	6.60E-04	2.37E-07	7.16E-07	4.15E-07	4.05E-07	3.67E-07	1.67E-07	1.65E-07	7.92E-09	1.91E-07	4.22E-08	5.49E-08	8.72E-08	1.54E-08	8.67E-08	4.86E-07
2378	495511.06	3860101.99	6.82E-04	6.65E-04	6.56E-04	2.36E-07	7.12E-07	4.12E-07	4.02E-07	3.65E-07	1.66E-07	1.64E-07	7.88E-09	1.90E-07	4.20E-08	5.46E-08	8.67E-08	1.53E-08	8.62E-08	4.83E-07
2379	495561.06	3860101.99	6.77E-04	6.61E-04	6.52E-04	2.35E-07	7.08E-07	4.10E-07	4.00E-07	3.63E-07	1.65E-07	1.63E-07	7.83E-09	1.89E-07	4.17E-08	5.43E-08	8.62E-08	1.52E-08	8.57E-08	4.80E-07
2380	495611.06	3860101.99	6.68E-04	6.52E-04	6.44E-04	2.31E-07	6.99E-07	4.04E-07	3.95E-07	3.58E-07	1.63E-07	1.61E-07	7.73E-09	1.87E-07	4.12E-08	5.36E-08	8.50E-08	1.50E-08	8.45E-08	4.74E-07
2381	495661.06	3860101.99	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.48E-08	8.38E-08	4.69E-07
2382	494861.06	3860151.99	8.20E-04	8.00E-04	7.89E-04	2.84E-07	8.57E-07	4.96E-07	4.84E-07	4.39E-07	2.00E-07	1.98E-07	9.48E-09	2.29E-07	5.05E-08	6.57E-08	1.04E-07	1.84E-08	1.04E-07	5.81E-07
2383	494911.06	3860151.99	7.93E-04	7.74E-04	7.63E-04	2.74E-07	8.29E-07	4.80E-07	4.68E-07	4.24E-07	1.94E-07	1.91E-07	9.16E-09	2.21E-07	4.88E-08	6.36E-08	1.01E-07	1.78E-08	1.00E-07	5.62E-07
2384	494961.06	3860151.99	7.83E-04	7.64E-04	7.54E-04	2.71E-07	8.18E-07	4.74E-07	4.62E-07	4.19E-07	1.91E-07	1.89E-07	9.05E-09	2.19E-07	4.82E-08	6.28E-08	9.96E-08	1.75E-08	9.90E-08	5.55E-07
2385	495011.06	3860151.99	7.73E-04	7.54E-04	7.44E-04	2.67E-07	8.07E-07	4.67E-07	4.56E-07	4.13E-07	1.89E-07	1.86E-07	8.93E-09	2.16E-07	4.76E-08	6.19E-08	9.82E-08	1.73E-08	9.77E-08	5.47E-07
2386	495061.06	3860151.99	7.63E-04	7.44E-04	7.34E-04	2.64E-07	7.97E-07	4.61E-07	4.50E-07	4.08E-07	1.86E-07	1.84E-07	8.81E-09	2.13E-07	4.70E-08	6.11E-08	9.70E-08	1.71E-08	9.64E-08	5.40E-07
2387	495111.06	3860151.99	7.55E-04	7.36E-04	7.27E-04	2.61E-07	7.89E-07	4.57E-07	4.46E-07	4.04E-07	1.84E-07	1.82E-07	8.72E-09	2.11E-07	4.65E-08	6.05E-08	9.60E-08	1.69E-08	9.54E-08	5.35E-07
2388	495161.06	3860151.99	7.48E-04	7.30E-04	7.20E-04	2.59E-07	7.81E-07	4.52E-07	4.41E-07	4.00E-07	1.83E-07	1.80E-07	8.64E-09	2.09E-07	4.61E-08	5.99E-08	9.51E-08	1.68E-08	9.46E-08	5.30E-07
2389	495211.06	3860151.99	7.40E-04	7.22E-04	7.12E-04	2.56E-07	7.73E-07	4.48E-07	4.37E-07	3.96E-07	1.81E-07	1.78E-07	8.55E-09	2.07E-07	4.56E-08	5.93E-08	9.41E-08	1.66E-08	9.36E-08	5.24E-07
2390	495261.06	3860151.99	7.34E-04	7.16E-04	7.06E-04	2.54E-07	7.67E-07	4.44E-07	4.33E-07	3.93E-07	1.79E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	5.88E-08	9.33E-08	1.64E-08	9.28E-08	5.20E-07
2391	495311.06	3860151.99	7.27E-04	7.09E-04	7.00E-04	2.52E-07	7.60E-07	4.40E-07	4.29E-07	3.89E-07	1.78E-07	1.75E-07	8.40E-09	2.03E-07	4.48E-08	5.83E-08	9.24E-08	1.63E-08	9.19E-08	5.15E-07
2392	495361.06	3860151.99	7.21E-04	7.04E-04	6.94E-04	2.50E-07	7.54E-07	4.36E-07	4.26E-07	3.86E-07	1.76E-07	1.74E-07	8.34E-09	2.01E-07	4.44E-08	5.78E-08	9.17E-08	1.62E-08	9.12E-08	5.11E-07
2393	495411.06	3860151.99	7.14E-04	6.97E-04	6.88E-04	2.47E-07	7.47E-07	4.32E-07	4.22E-07	3.82E-07	1.74E-07	1.72E-07	8.26E-09	1.99E-07	4.40E-08	5.73E-08	9.09E-08	1.60E-08	9.04E-08	5.06E-07
2394	495461.06	3860151.99	7.08E-04	6.91E-04	6.81E-04	2.45E-07	7.40E-07	4.28E-07	4.18E-07	3.79E-07	1.73E-07	1.71E-07	8.18E-09	1.98E-07	4.36E-08	5.67E-08	9.00E-08	1.59E-08	8.95E-08	5.02E-07
2395	495511.06	3860151.99	7.00E-04	6.83E-04	6.74E-04	2.42E-07	7.32E-07	4.23E-07	4.13E-07	3.75E-07	1.71E-07	1.69E-07	8.09E-09	1.95E-07	4.31E-08	5.61E-08	8.90E-08	1.57E-08	8.85E-08	4.96E-07
2396	495561.06	3860151.99	6.95E-04	6.78E-04	6.69E-04	2.41E-07	7.26E-07	4.20E-07	4.10E-07	3.72E-07	1.70E-07	1.67E-07	8.03E-09	1.94E-07	4.28E-08	5.57E-08	8.84E-08	1.56E-08	8.79E-08	4.92E-07
2397	495611.06	3860151.99	6.87E-04	6.71E-04	6.62E-04	2.38E-07	7.19E-07	4.16E-07	4.06E-07	3.68E-07	1.68E-07	1.66E-07	7.95E-09	1.92E-07	4.24E-08	5.51E-08	8.74E-08	1.54E-08	8.69E-08	4.87E-07
2398	495661.06	3860151.99	6.79E-04	6.63E-04	6.54E-04	2.35E-07	7.10E-07	4.11E-07	4.01E-07	3.64E-07	1.66E-07	1.64E-07	7.85E-09	1.90E-07	4.18E-08	5.44E-08	8.64E-08	1.52E-08	8.59E-08	4.81E-07
2399	495718.25	3859442.96	4.79E-04	4.68E-04	4.61E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.06E-08	3.40E-07
2400	495818.25	3859442.96	4.70E-04	4.59E-04	4.53E-04	1.63E-07	4.92E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.13E-07	5.44E-09	1.31E-07	2.90E-08	3.77E-08	5.98E-08	1.05E-08	5.95E-08	3.33E-07
2401	495918.25	3859442.96	4.64E-04	4.53E-04	4.47E-04	1.61E-07	4.85E-07	2.81E-07	2.74E-07	2.48E-07	1.13E-07	1.12E-07	5.36E-09	1.30E-07	2.86E-08	3.72E-08	5.90E-08	1.04E-08	5.87E-08	3.29E-07
2402	496018.25	3859442.96	4.58E-04	4.47E-04	4.41E-04	1.59E-07	4.79E-07	2.77E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.67E-08	5.82E-08	1.03E-08	5.79E-08	3.25E-07
2403	496118.25	3859442.96	4.58E-04	4.47E-04	4.41E-04	1.59E-07	4.79E-07	2.77E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.67E-08	5.82E-08	1.03E-08	5.79E-08	3.25E-07
2404	496218.25	3859442.96	4.57E-04	4.46E-04	4.40E-04	1.58E-07	4.77E-07	2.76E-07	2.70E-07	2.44E-07	1.12E-07	1.10E-07	5.28E-09	1.28E-07	2.81E-08	3.66E-08	5.81E-08	1.02E-08	5.78E-08	3.24E-07
2405	496318.25	3859442.96	4.52E-04	4.41E-04	4.35E-04	1.57E-07	4.73E-07	2.74E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.23E-09	1.26E-07	2.79E-08	3.63E-08	5.75E-08	1.01E-08	5.72E-08	3.20E-07
2406	496418.25	3859442.96	4.47E-04	4.36E-04	4.30E-04	1.55E-07	4.67E-07	2.70E-07	2.64E-07	2.39E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.75E-08	3.58E-08	5.68E-08	1.00E-08	5.65E-08	3.17E-07
2407	495718.25	3859542.96	5.01E-04	4.89E-04	4.83E-04	1.73E-07	5.24E-07	3.03E-07	2.96E-07	2.68E-07	1.22E-07	1.21E-07	5.79E-09	1.40E-07	3.09E-08	4.02E-08	6.37E-08	1.12E-08	6.34E-08	3.55E-07
2408	495818.25	3859542.96	4.94E-04	4.82E-04	4.75E-04	1.71E-07	5.16E-07	2.99E-07	2.92E-07	2.64E-07	1.21E-07	1.19E-07	5.71E-09	1.38E-07	3.04E-08	3.96E-08	6.28E-08	1.11E-08	6.24E-08	3.50E-07
2409	495918.25	3859542.96	4.85E-04	4.73E-04	4.67E-04	1.68E-07	5.07E-07	2.93E-07	2.86E-07	2.60E-07	1.18E-07	1.17E-07	5.61E-09	1.35E-07	2.99E-08	3.89E-08	6.17E-08	1.09E-08	6.13E-08	3.44E-07
2410	496018.25	3859542.96	4.78E-04	4.66E-04	4.60E-04	1.65E-07	5.00E-07	2.89E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.83E-08	6.08E-08	1.07E-08	6.04E-08	3.39E-07
2411	496118.25	3859542.96	4.78E-04	4.66E-04	4.60E-04	1.65E-07	4.99E-07	2.89E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.83E-08	6.07E-08	1.07E-08	6.04E-08	3.38E-07
2412	496218.25	3859542.96	4.75E-04	4.64E-04	4.57E-04	1.64E-07	4.97E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.49E-09	1.33E-07	2.93E-08	3.81E-08	6.04E-08	1.06E-08	6.01E-08	3.37E-07
2413	496318.25	3859542.96	4.72E-04	4.60E-04	4.54E-04	1.63E-07	4.93E-07	2.85E-07	2.79E-07	2.52E-07	1.15E-07	1.14E-07	5.45E-09	1.32E-07	2.91E-08	3.78E-08	6.00E-08	1.06E-08	5.97E-08	3.34E-07

2414	496418.25	3859542.96	4.65E-04	4.54E-04	4.48E-04	1.61E-07	4.86E-07	2.81E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.38E-09	1.30E-07	2.87E-08	3.73E-08	5.91E-08	1.04E-08	5.88E-08	3.30E-07
2415	495718.25	3859642.96	5.23E-04	5.11E-04	5.04E-04	1.81E-07	5.47E-07	3.17E-07	3.09E-07	2.80E-07	1.28E-07	1.26E-07	6.05E-09	1.46E-07	3.22E-08	4.19E-08	6.65E-08	1.17E-08	6.62E-08	3.71E-07
2416	495818.25	3859642.96	5.14E-04	5.02E-04	4.95E-04	1.78E-07	5.37E-07	3.11E-07	3.04E-07	2.75E-07	1.26E-07	1.24E-07	5.94E-09	1.44E-07	3.17E-08	4.12E-08	6.54E-08	1.15E-08	6.50E-08	3.64E-07
2417	495918.25	3859642.96	5.07E-04	4.95E-04	4.89E-04	1.76E-07	5.30E-07	3.07E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.45E-08	1.14E-08	6.42E-08	3.60E-07
2418	496018.25	3859642.96	5.00E-04	4.87E-04	4.81E-04	1.73E-07	5.22E-07	3.02E-07	2.95E-07	2.67E-07	1.22E-07	1.20E-07	5.77E-09	1.39E-07	3.08E-08	4.00E-08	6.35E-08	1.12E-08	6.32E-08	3.54E-07
2419	496118.25	3859642.96	5.00E-04	4.88E-04	4.81E-04	1.73E-07	5.23E-07	3.02E-07	2.95E-07	2.68E-07	1.22E-07	1.20E-07	5.78E-09	1.40E-07	3.08E-08	4.01E-08	6.36E-08	1.12E-08	6.32E-08	3.54E-07
2420	496218.25	3859642.96	4.98E-04	4.86E-04	4.80E-04	1.72E-07	5.21E-07	3.01E-07	2.94E-07	2.67E-07	1.22E-07	1.20E-07	5.76E-09	1.39E-07	3.07E-08	3.99E-08	6.34E-08	1.12E-08	6.30E-08	3.53E-07
2421	496318.25	3859642.96	4.92E-04	4.80E-04	4.73E-04	1.70E-07	5.14E-07	2.97E-07	2.90E-07	2.63E-07	1.20E-07	1.18E-07	5.68E-09	1.37E-07	3.03E-08	3.94E-08	6.25E-08	1.10E-08	6.22E-08	3.48E-07
2422	496418.25	3859642.96	4.74E-04	4.63E-04	4.57E-04	1.64E-07	4.96E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.48E-09	1.32E-07	2.92E-08	3.80E-08	6.03E-08	1.06E-08	6.00E-08	3.36E-07
2423	495718.25	3859742.96	5.51E-04	5.38E-04	5.30E-04	1.91E-07	5.76E-07	3.33E-07	3.25E-07	2.95E-07	1.35E-07	1.33E-07	6.37E-09	1.54E-07	3.39E-08	4.42E-08	7.01E-08	1.23E-08	6.97E-08	3.90E-07
2424	495818.25	3859742.96	5.40E-04	5.27E-04	5.20E-04	1.87E-07	5.65E-07	3.27E-07	3.19E-07	2.89E-07	1.32E-07	1.30E-07	6.24E-09	1.51E-07	3.33E-08	4.33E-08	6.87E-08	1.21E-08	6.83E-08	3.83E-07
2425	495918.25	3859742.96	5.31E-04	5.19E-04	5.12E-04	1.84E-07	5.55E-07	3.22E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.76E-08	1.19E-08	6.72E-08	3.77E-07
2426	496018.25	3859742.96	5.22E-04	5.10E-04	5.03E-04	1.81E-07	5.46E-07	3.16E-07	3.08E-07	2.80E-07	1.28E-07	1.26E-07	6.04E-09	1.46E-07	3.22E-08	4.19E-08	6.64E-08	1.17E-08	6.61E-08	3.70E-07
2427	496118.25	3859742.96	5.22E-04	5.09E-04	5.02E-04	1.81E-07	5.45E-07	3.16E-07	3.08E-07	2.79E-07	1.27E-07	1.26E-07	6.03E-09	1.46E-07	3.21E-08	4.18E-08	6.63E-08	1.17E-08	6.60E-08	3.70E-07
2428	496218.25	3859742.96	5.23E-04	5.11E-04	5.04E-04	1.81E-07	5.47E-07	3.17E-07	3.09E-07	2.80E-07	1.28E-07	1.26E-07	6.05E-09	1.46E-07	3.22E-08	4.19E-08	6.65E-08	1.17E-08	6.62E-08	3.71E-07
2429	496318.25	3859742.96	5.06E-04	4.94E-04	4.87E-04	1.75E-07	5.29E-07	3.06E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.05E-08	6.43E-08	1.13E-08	6.40E-08	3.58E-07
2430	496418.25	3859742.96	4.89E-04	4.77E-04	4.71E-04	1.69E-07	5.11E-07	2.96E-07	2.89E-07	2.62E-07	1.19E-07	1.18E-07	5.65E-09	1.36E-07	3.01E-08	3.92E-08	6.22E-08	1.10E-08	6.18E-08	3.46E-07
2431	495718.25	3859842.96	5.78E-04	5.64E-04	5.56E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.68E-09	1.61E-07	3.56E-08	4.63E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
2432	495818.25	3859842.96	5.68E-04	5.55E-04	5.47E-04	1.97E-07	5.94E-07	3.44E-07	3.36E-07	3.04E-07	1.39E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.56E-08	7.23E-08	1.27E-08	7.19E-08	4.03E-07
2433	495918.25	3859842.96	5.58E-04	5.45E-04	5.38E-04	1.93E-07	5.84E-07	3.38E-07	3.30E-07	2.99E-07	1.36E-07	1.35E-07	6.46E-09	1.56E-07	3.44E-08	4.48E-08	7.10E-08	1.25E-08	7.06E-08	3.96E-07
2434	496018.25	3859842.96	5.52E-04	5.39E-04	5.32E-04	1.91E-07	5.77E-07	3.34E-07	3.26E-07	2.96E-07	1.35E-07	1.33E-07	6.38E-09	1.54E-07	3.40E-08	4.43E-08	7.02E-08	1.24E-08	6.98E-08	3.91E-07
2435	496118.25	3859842.96	5.53E-04	5.40E-04	5.32E-04	1.91E-07	5.78E-07	3.35E-07	3.27E-07	2.96E-07	1.35E-07	1.33E-07	6.39E-09	1.54E-07	3.41E-08	4.43E-08	7.03E-08	1.24E-08	6.99E-08	3.92E-07
2436	496218.25	3859842.96	5.37E-04	5.24E-04	5.17E-04	1.86E-07	5.61E-07	3.25E-07	3.17E-07	2.87E-07	1.31E-07	1.29E-07	6.21E-09	1.50E-07	3.31E-08	4.30E-08	6.83E-08	1.20E-08	6.79E-08	3.80E-07
2437	496318.25	3859842.96	5.07E-04	4.94E-04	4.88E-04	1.75E-07	5.29E-07	3.07E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.86E-09	1.41E-07	3.12E-08	4.06E-08	6.44E-08	1.14E-08	6.41E-08	3.59E-07
2438	496418.25	3859842.96	4.89E-04	4.77E-04	4.71E-04	1.69E-07	5.11E-07	2.96E-07	2.89E-07	2.62E-07	1.19E-07	1.18E-07	5.65E-09	1.37E-07	3.01E-08	3.92E-08	6.22E-08	1.10E-08	6.19E-08	3.47E-07
2439	495718.25	3859942.96	6.06E-04	5.91E-04	5.83E-04	2.10E-07	6.33E-07	3.67E-07	3.58E-07	3.24E-07	1.48E-07	1.46E-07	7.00E-09	1.69E-07	3.73E-08	4.86E-08	7.70E-08	1.36E-08	7.66E-08	4.29E-07
2440	495818.25	3859942.96	5.95E-04	5.80E-04	5.72E-04	2.06E-07	6.21E-07	3.60E-07	3.51E-07	3.18E-07	1.45E-07	1.43E-07	6.87E-09	1.66E-07	3.66E-08	4.77E-08	7.56E-08	1.33E-08	7.52E-08	4.21E-07
2441	495918.25	3859942.96	5.87E-04	5.72E-04	5.65E-04	2.03E-07	6.13E-07	3.55E-07	3.46E-07	3.14E-07	1.43E-07	1.41E-07	6.78E-09	1.64E-07	3.61E-08	4.70E-08	7.46E-08	1.31E-08	7.42E-08	4.16E-07
2442	496018.25	3859942.96	5.85E-04	5.71E-04	5.64E-04	2.03E-07	6.12E-07	3.54E-07	3.46E-07	3.13E-07	1.43E-07	1.41E-07	6.77E-09	1.63E-07	3.61E-08	4.69E-08	7.44E-08	1.31E-08	7.40E-08	4.15E-07
2443	496118.25	3859942.96	5.70E-04	5.56E-04	5.49E-04	1.97E-07	5.96E-07	3.45E-07	3.37E-07	3.05E-07	1.39E-07	1.37E-07	6.59E-09	1.59E-07	3.51E-08	4.57E-08	7.25E-08	1.28E-08	7.21E-08	4.04E-07
2444	496218.25	3859942.96	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.32E-09	1.53E-07	3.37E-08	4.38E-08	6.95E-08	1.23E-08	6.92E-08	3.87E-07
2445	496318.25	3859942.96	5.25E-04	5.12E-04	5.05E-04	1.82E-07	5.49E-07	3.18E-07	3.10E-07	2.81E-07	1.28E-07	1.26E-07	6.07E-09	1.47E-07	3.23E-08	4.21E-08	6.67E-08	1.18E-08	6.64E-08	3.72E-07
2446	496418.25	3859942.96	5.00E-04	4.87E-04	4.81E-04	1.73E-07	5.22E-07	3.02E-07	2.95E-07	2.67E-07	1.22E-07	1.20E-07	5.77E-09	1.39E-07	3.08E-08	4.00E-08	6.35E-08	1.12E-08	6.32E-08	3.54E-07
2447	496856.82	3858864.83	3.53E-04	3.45E-04	3.40E-04	1.22E-07	3.69E-07	2.14E-07	2.09E-07	1.89E-07	8.63E-08	8.52E-08	4.09E-09	9.87E-08	2.18E-08	2.83E-08	4.50E-08	7.92E-09	4.47E-08	2.50E-07
2448	496956.82	3858864.83	3.50E-04	3.42E-04	3.37E-04	1.21E-07	3.66E-07	2.12E-07	2.07E-07	1.87E-07	8.55E-08	8.44E-08	4.05E-09	9.78E-08	2.16E-08	2.81E-08	4.45E-08	7.85E-09	4.43E-08	2.48E-07
2449	497056.82	3858864.83	3.47E-04	3.38E-04	3.34E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.47E-08	8.36E-08	4.01E-09	9.68E-08	2.14E-08	2.78E-08	4.41E-08	7.77E-09	4.39E-08	2.46E-07
2450	497156.82	3858864.83	3.44E-04	3.35E-04	3.31E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.39E-08	8.28E-08	3.97E-09	9.59E-08	2.12E-08	2.75E-08	4.37E-08	7.70E-09	4.34E-08	2.43E-07
2451	497256.82	3858864.83	3.42E-04	3.34E-04	3.29E-04	1.18E-07	3.57E-07	2.07E-07	2.02E-07	1.83E-07	8.35E-08	8.24E-08	3.95E-09	9.55E-08	2.11E-08	2.74E-08	4.35E-08	7.66E-09	4.32E-08	2.42E-07
2452	496856.82	3858964.83	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
2453	496956.82	3858964.83	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
2454	497056.82	3858964.83	3.56E-04	3.47E-04	3.43E-04	1.23E-07	3.72E-07	2.15E-07	2.10E-07	1.91E-07	8.69E-08	8.58E-08	4.11E-09	9.94E-08	2.19E-08	2.85E-08	4.53E-08	7.98E-09	4.50E-08	2.52E-07
2455	497156.82	3858964.83	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
2456	497256.82	3858964.83	3.53E-04	3.45E-04	3.40E-04	1.22E-07	3.69E-07	2.14E-07	2.09E-07	1.89E-07	8.63E-08	8.52E-08	4.09E-09	9.87E-08	2.18E-08	2.83E-08	4.50E-08	7.92E-09	4.47E-08	2.50E-07
2457	496856.82	3859064.83	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.11E-08	8.99E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.36E-09	4.72E-08	2.64E-07
2458	496956.82	3859064.83	3.69E-04	3.60E-04	3.55E-04	1.28E-07	3.85E-07	2.23E-07	2.18E-07	1.97E-07	9.01E-08	8.89E-08	4.26E-09	1.03E-07	2.27E-08	2.96E-08	4.69E-08	8.27E-09	4.66E-08	2.61E-07
2459	497056.82	3859064.83	3.66E-04	3.57E-04	3.52E-04	1.27E-07	3.82E-07	2.21E-07	2.16E-07	1.96E-07	8.93E-08	8.81E-08	4.23E-09	1.02E-07	2.25E-08	2.93E-08	4.65E-08	8.19E-09	4.62E-08	2.59E-07
2460	497156.82	3859064.83	3.63E-04	3.54E-04	3.49E-04	1.26E-07	3.79E-07	2.19E-07	2.14E-07	1.94E-07	8.86E-08	8.74E-08	4.19E-09	1.01E-07	2.23E-08	2.91E-08	4.61E-08	8.13E-09	4.59E-08	2.57E-07
2461	497256.82	3859064.83	3.65E-04	3.56E-04	3.52E-04	1.26E-07	3.82E-07	2.21E-07	2.16E-07	1.95E-07	8.92E-08	8.80E-08	4.22E-09	1.02E-07	2.25E-08	2.93E-08	4.64E-08	8.18E-09	4.62E-08	2.59E-07
2462	496856.82	3859164.83	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.28E-08	9.16E-08	4.39E-09	1.06E-07	2.34E-08	3.05E-08	4.83E-08	8.52E-09	4.81E-08	2.69E-07
2463	496956.82	3859164.83	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.27E-07	2.22E-07	2.01E-07	9.18E-08	9.06E-08	4.34E-09	1.05E-07	2.32E-08	3.01E-08	4.78E-08	8.42E-09	4.75E-08	2.66E-07
2464	497056.82	3859164.83	3.73E-04	3.64E-04	3.60E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.12E-08	9.00E-08	4.32E-09	1.04E-07	2.30E-08	2.99E-08	4.75E-08	8.37E-09	4.72E-08	2.65E-07
2465	497156.82	3859164.83	3.74E-04	3.65E-04	3.60E-04	1.29E-07	3.91E-07	2.26E-07	2.21E-07	2.00E-07	9.13E-08	9.01E-08	4.32E-09	1.04E-07	2.30E-08	3.00E-08	4.75E-08	8.38E-09	4.73E-08	2.65E-07
2466	497256.82	3859164.83	3.78E-04	3.68E-04	3.64E-04	1.31E-07	3.95E-07	2.28E-07	2.23E-07	2.02E-07	9.22E-08	9.10E-08	4.36E-09	1.05E-07	2.33E-08	3.03E-08	4.80E-08	8.46E-09	4.77E-08	2.68E-07
2467	496856.82	3859264.83	3.87E-04	3.78E-04	3.73E-04	1.34E-07	4.05E-07	2.34E-07	2.29E-07	2.07E-07	9.45E-08	9.33E-08	4.47E-09	1.08E-07	2.38E-08	3.10E-08	4.92E-08	8.68E-09	4.90E-08	2.74E-07
2468	496956.82	3859264.83	3.85E-04	3.76E-04	3.71E-04	1.33E-07	4.03E-07	2.33E-07	2.28E-07	2.06E-07	9.41E-08	9.29E-08	4.46E-09	1.08E-07	2.37E-08	3.09E-08	4.90E-08	8.64E-09	4.87E-08	2.73E-07

2469	497056.82	3859264.83	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.03E-07	2.33E-07	2.28E-07	2.07E-07	9.42E-08	9.30E-08	4.46E-09	1.08E-07	2.38E-08	3.09E-08	4.91E-08	8.65E-09	4.88E-08	2.73E-07
2470	497156.82	3859264.83	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.03E-07	2.33E-07	2.28E-07	2.07E-07	9.42E-08	9.30E-08	4.46E-09	1.08E-07	2.38E-08	3.09E-08	4.91E-08	8.65E-09	4.88E-08	2.73E-07
2471	497256.82	3859264.83	3.89E-04	3.79E-04	3.74E-04	1.35E-07	4.06E-07	2.35E-07	2.30E-07	2.08E-07	9.49E-08	9.37E-08	4.49E-09	1.09E-07	2.40E-08	3.12E-08	4.94E-08	8.71E-09	4.92E-08	2.75E-07
2472	497088.92	3858620.93	3.22E-04	3.14E-04	3.10E-04	1.11E-07	3.36E-07	1.95E-07	1.90E-07	1.72E-07	7.86E-08	7.76E-08	3.72E-09	8.99E-08	1.98E-08	2.58E-08	4.09E-08	7.22E-09	4.07E-08	2.28E-07
2473	497138.92	3858620.93	3.22E-04	3.14E-04	3.10E-04	1.11E-07	3.36E-07	1.95E-07	1.90E-07	1.72E-07	7.85E-08	7.75E-08	3.72E-09	8.98E-08	1.98E-08	2.58E-08	4.09E-08	7.21E-09	4.07E-08	2.28E-07
2474	497188.92	3858620.93	3.20E-04	3.13E-04	3.08E-04	1.11E-07	3.35E-07	1.94E-07	1.89E-07	1.71E-07	7.82E-08	7.72E-08	3.70E-09	8.94E-08	1.97E-08	2.57E-08	4.07E-08	7.18E-09	4.05E-08	2.27E-07
2475	497238.92	3858620.93	3.19E-04	3.12E-04	3.08E-04	1.11E-07	3.34E-07	1.93E-07	1.89E-07	1.71E-07	7.80E-08	7.70E-08	3.69E-09	8.92E-08	1.97E-08	2.56E-08	4.06E-08	7.16E-09	4.04E-08	2.26E-07
2476	497088.92	3858670.93	3.25E-04	3.17E-04	3.13E-04	1.13E-07	3.40E-07	1.97E-07	1.92E-07	1.74E-07	7.94E-08	7.84E-08	3.76E-09	9.08E-08	2.00E-08	2.61E-08	4.14E-08	7.29E-09	4.11E-08	2.30E-07
2477	497138.92	3858670.93	3.25E-04	3.17E-04	3.13E-04	1.13E-07	3.40E-07	1.97E-07	1.92E-07	1.74E-07	7.94E-08	7.84E-08	3.76E-09	9.08E-08	2.00E-08	2.61E-08	4.14E-08	7.29E-09	4.11E-08	2.30E-07
2478	497188.92	3858670.93	3.24E-04	3.16E-04	3.12E-04	1.12E-07	3.39E-07	1.96E-07	1.91E-07	1.73E-07	7.91E-08	7.81E-08	3.75E-09	9.05E-08	2.00E-08	2.60E-08	4.12E-08	7.26E-09	4.10E-08	2.30E-07
2479	497238.92	3858670.93	3.24E-04	3.16E-04	3.12E-04	1.12E-07	3.38E-07	1.96E-07	1.91E-07	1.73E-07	7.90E-08	7.80E-08	3.74E-09	9.04E-08	1.99E-08	2.59E-08	4.12E-08	7.25E-09	4.09E-08	2.29E-07
2480	497088.92	3858720.93	3.31E-04	3.23E-04	3.19E-04	1.15E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.09E-08	7.98E-08	3.83E-09	9.24E-08	2.04E-08	2.65E-08	4.21E-08	7.42E-09	4.19E-08	2.35E-07
2481	497138.92	3858720.93	3.27E-04	3.19E-04	3.15E-04	1.13E-07	3.42E-07	1.98E-07	1.93E-07	1.75E-07	7.98E-08	7.88E-08	3.78E-09	9.13E-08	2.01E-08	2.62E-08	4.16E-08	7.33E-09	4.13E-08	2.32E-07
2482	497188.92	3858720.93	3.26E-04	3.18E-04	3.14E-04	1.13E-07	3.41E-07	1.97E-07	1.93E-07	1.75E-07	7.96E-08	7.86E-08	3.77E-09	9.11E-08	2.01E-08	2.61E-08	4.15E-08	7.31E-09	4.12E-08	2.31E-07
2483	497238.92	3858720.93	3.28E-04	3.20E-04	3.16E-04	1.13E-07	3.43E-07	1.98E-07	1.94E-07	1.75E-07	8.00E-08	7.90E-08	3.79E-09	9.15E-08	2.02E-08	2.63E-08	4.17E-08	7.35E-09	4.15E-08	2.32E-07
2484	497088.92	3858770.93	3.35E-04	3.27E-04	3.22E-04	1.16E-07	3.50E-07	2.03E-07	1.98E-07	1.79E-07	8.18E-08	8.07E-08	3.87E-09	9.35E-08	2.06E-08	2.68E-08	4.26E-08	7.50E-09	4.23E-08	2.37E-07
2485	497138.92	3858770.93	3.33E-04	3.25E-04	3.20E-04	1.15E-07	3.48E-07	2.01E-07	1.96E-07	1.78E-07	8.13E-08	8.02E-08	3.85E-09	9.29E-08	2.05E-08	2.67E-08	4.23E-08	7.46E-09	4.21E-08	2.36E-07
2486	497188.92	3858770.93	3.31E-04	3.23E-04	3.19E-04	1.15E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.09E-08	7.98E-08	3.83E-09	9.24E-08	2.04E-08	2.65E-08	4.21E-08	7.42E-09	4.19E-08	2.35E-07
2487	497238.92	3858770.93	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.12E-08	8.01E-08	3.84E-09	9.28E-08	2.05E-08	2.66E-08	4.23E-08	7.45E-09	4.20E-08	2.35E-07
2488	497396.65	3858622.63	3.25E-04	3.17E-04	3.13E-04	1.12E-07	3.40E-07	1.97E-07	1.92E-07	1.74E-07	7.93E-08	7.83E-08	3.76E-09	9.07E-08	2.00E-08	2.60E-08	4.13E-08	7.28E-09	4.11E-08	2.30E-07
2489	497496.65	3858622.63	3.28E-04	3.20E-04	3.16E-04	1.13E-07	3.43E-07	1.98E-07	1.94E-07	1.75E-07	8.00E-08	7.90E-08	3.79E-09	9.15E-08	2.02E-08	2.63E-08	4.17E-08	7.35E-09	4.15E-08	2.32E-07
2490	497596.65	3858622.63	3.34E-04	3.26E-04	3.22E-04	1.16E-07	3.50E-07	2.02E-07	1.97E-07	1.79E-07	8.17E-08	8.06E-08	3.87E-09	9.34E-08	2.06E-08	2.68E-08	4.25E-08	7.49E-09	4.23E-08	2.37E-07
2491	497696.65	3858622.63	3.36E-04	3.28E-04	3.24E-04	1.16E-07	3.51E-07	2.03E-07	1.98E-07	1.80E-07	8.21E-08	8.10E-08	3.88E-09	9.38E-08	2.07E-08	2.69E-08	4.27E-08	7.53E-09	4.25E-08	2.38E-07
2492	497796.65	3858622.63	3.40E-04	3.32E-04	3.27E-04	1.18E-07	3.55E-07	2.06E-07	2.01E-07	1.82E-07	8.30E-08	8.19E-08	3.93E-09	9.49E-08	2.09E-08	2.72E-08	4.32E-08	7.62E-09	4.30E-08	2.41E-07
2493	497896.65	3858622.63	3.44E-04	3.36E-04	3.31E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.40E-08	8.29E-08	3.98E-09	9.60E-08	2.12E-08	2.76E-08	4.37E-08	7.71E-09	4.35E-08	2.44E-07
2494	497396.65	3858722.63	3.35E-04	3.27E-04	3.22E-04	1.16E-07	3.50E-07	2.03E-07	1.98E-07	1.79E-07	8.18E-08	8.07E-08	3.87E-09	9.35E-08	2.06E-08	2.68E-08	4.26E-08	7.50E-09	4.23E-08	2.37E-07
2495	497496.65	3858722.63	3.38E-04	3.30E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.25E-08	8.14E-08	3.90E-09	9.43E-08	2.08E-08	2.71E-08	4.29E-08	7.57E-09	4.27E-08	2.39E-07
2496	497596.65	3858722.63	3.43E-04	3.35E-04	3.30E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.38E-08	8.27E-08	3.97E-09	9.58E-08	2.11E-08	2.75E-08	4.36E-08	7.69E-09	4.34E-08	2.43E-07
2497	497696.65	3858722.63	3.46E-04	3.38E-04	3.33E-04	1.20E-07	3.62E-07	2.09E-07	2.04E-07	1.85E-07	8.45E-08	8.34E-08	4.00E-09	9.66E-08	2.13E-08	2.77E-08	4.40E-08	7.75E-09	4.38E-08	2.45E-07
2498	497796.65	3858722.63	3.48E-04	3.39E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.49E-08	8.38E-08	4.02E-09	9.71E-08	2.14E-08	2.79E-08	4.42E-08	7.79E-09	4.40E-08	2.46E-07
2499	497896.65	3858722.63	3.51E-04	3.42E-04	3.38E-04	1.21E-07	3.67E-07	2.12E-07	2.07E-07	1.88E-07	8.57E-08	8.46E-08	4.06E-09	9.80E-08	2.16E-08	2.81E-08	4.46E-08	7.87E-09	4.44E-08	2.49E-07
2500	497396.65	3858822.63	3.43E-04	3.34E-04	3.30E-04	1.19E-07	3.58E-07	2.07E-07	2.02E-07	1.83E-07	8.37E-08	8.26E-08	3.96E-09	9.57E-08	2.11E-08	2.75E-08	4.36E-08	7.68E-09	4.33E-08	2.43E-07
2501	497496.65	3858822.63	3.45E-04	3.36E-04	3.32E-04	1.19E-07	3.60E-07	2.09E-07	2.04E-07	1.85E-07	8.42E-08	8.31E-08	3.99E-09	9.63E-08	2.12E-08	2.76E-08	4.38E-08	7.73E-09	4.36E-08	2.44E-07
2502	497596.65	3858822.63	3.51E-04	3.42E-04	3.38E-04	1.21E-07	3.67E-07	2.12E-07	2.07E-07	1.88E-07	8.57E-08	8.46E-08	4.06E-09	9.80E-08	2.16E-08	2.81E-08	4.46E-08	7.87E-09	4.44E-08	2.49E-07
2503	497696.65	3858822.63	3.54E-04	3.45E-04	3.41E-04	1.23E-07	3.70E-07	2.14E-07	2.09E-07	1.89E-07	8.64E-08	8.53E-08	4.09E-09	9.88E-08	2.18E-08	2.84E-08	4.50E-08	7.93E-09	4.48E-08	2.51E-07
2504	497796.65	3858822.63	3.55E-04	3.47E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.10E-07	1.90E-07	8.67E-08	8.56E-08	4.11E-09	9.92E-08	2.19E-08	2.85E-08	4.52E-08	7.96E-09	4.49E-08	2.52E-07
2505	497896.65	3858822.63	3.61E-04	3.52E-04	3.47E-04	1.25E-07	3.77E-07	2.18E-07	2.13E-07	1.93E-07	8.80E-08	8.69E-08	4.17E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.08E-09	4.56E-08	2.55E-07
2506	497396.65	3858922.63	3.51E-04	3.43E-04	3.38E-04	1.22E-07	3.67E-07	2.13E-07	2.07E-07	1.88E-07	8.58E-08	8.47E-08	4.06E-09	9.81E-08	2.17E-08	2.82E-08	4.47E-08	7.88E-09	4.44E-08	2.49E-07
2507	497496.65	3858922.63	3.57E-04	3.48E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.71E-08	8.60E-08	4.12E-09	9.96E-08	2.20E-08	2.86E-08	4.54E-08	8.00E-09	4.51E-08	2.53E-07
2508	497596.65	3858922.63	3.56E-04	3.48E-04	3.43E-04	1.23E-07	3.72E-07	2.16E-07	2.10E-07	1.91E-07	8.70E-08	8.59E-08	4.12E-09	9.95E-08	2.20E-08	2.86E-08	4.53E-08	7.99E-09	4.51E-08	2.53E-07
2509	497696.65	3858922.63	3.62E-04	3.53E-04	3.49E-04	1.25E-07	3.79E-07	2.19E-07	2.14E-07	1.94E-07	8.85E-08	8.73E-08	4.19E-09	1.01E-07	2.23E-08	2.90E-08	4.61E-08	8.12E-09	4.58E-08	2.57E-07
2510	497796.65	3858922.63	3.67E-04	3.58E-04	3.53E-04	1.27E-07	3.83E-07	2.22E-07	2.17E-07	1.96E-07	8.96E-08	8.84E-08	4.24E-09	1.02E-07	2.26E-08	2.94E-08	4.66E-08	8.22E-09	4.64E-08	2.60E-07
2511	497896.65	3858922.63	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.89E-07	2.25E-07	2.20E-07	1.99E-07	9.10E-08	8.98E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.35E-09	4.71E-08	2.64E-07
2512	497364.44	3858201.52	3.00E-04	2.92E-04	2.88E-04	1.04E-07	3.13E-07	1.81E-07	1.77E-07	1.60E-07	7.32E-08	7.22E-08	3.46E-09	8.36E-08	1.85E-08	2.40E-08	3.81E-08	6.71E-09	3.79E-08	2.12E-07
2513	497414.44	3858201.52	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.82E-07	1.77E-07	1.61E-07	7.34E-08	7.24E-08	3.47E-09	8.39E-08	1.85E-08	2.41E-08	3.82E-08	6.73E-09	3.80E-08	2.13E-07
2514	497464.44	3858201.52	3.02E-04	2.95E-04	2.91E-04	1.05E-07	3.16E-07	1.83E-07	1.78E-07	1.62E-07	7.38E-08	7.28E-08	3.49E-09	8.43E-08	1.86E-08	2.42E-08	3.84E-08	6.77E-09	3.82E-08	2.14E-07
2515	497514.44	3858201.52	3.03E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.83E-07	1.79E-07	1.62E-07	7.40E-08	7.30E-08	3.50E-09	8.46E-08	1.87E-08	2.43E-08	3.85E-08	6.79E-09	3.83E-08	2.15E-07
2516	497564.44	3858201.52	3.02E-04	2.95E-04	2.91E-04	1.05E-07	3.16E-07	1.83E-07	1.78E-07	1.62E-07	7.38E-08	7.28E-08	3.49E-09	8.43E-08	1.86E-08	2.42E-08	3.84E-08	6.77E-09	3.82E-08	2.14E-07
2517	497614.44	3858201.52	3.02E-04	2.95E-04	2.91E-04	1.05E-07	3.16E-07	1.83E-07	1.79E-07	1.62E-07	7.39E-08	7.29E-08	3.50E-09	8.44E-08	1.86E-08	2.42E-08	3.85E-08	6.78E-09	3.83E-08	2.14E-07
2518	497364.44	3858251.52	3.04E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.84E-07	1.79E-07	1.63E-07	7.42E-08	7.32E-08	3.51E-09	8.48E-08	1.87E-08	2.43E-08	3.86E-08	6.81E-09	3.84E-08	2.15E-07
2519	497414.44	3858251.52	3.05E-04	2.98E-04	2.94E-04	1.06E-07	3.19E-07	1.85E-07	1.80E-07	1.63E-07	7.46E-08	7.36E-08	3.53E-09	8.53E-08	1.88E-08	2.45E-08	3.88E-08	6.84E-09	3.86E-08	2.16E-07
2520	497464.44	3858251.52	3.05E-04	2.97E-04	2.93E-04	1.05E-07	3.18E-07	1.84E-07	1.80E-07	1.63E-07	7.44E-08	7.34E-08	3.52E-09	8.50E-08	1.88E-08	2.44E-08	3.87E-08	6.83E-09	3.85E-08	2.16E-07
2521	497514.44	3858251.52	3.03E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.84E-07	1.79E-07	1.62E-07	7.41E-08	7.31E-08	3.51E-09	8.47E-08	1.87E-08	2.43E-08	3.86E-08	6.80E-09	3.84E-08	2.15E-07
2522	497564.44	3858251.52	3.03E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.83E-07	1.79E-07	1.62E-07	7.40E-08	7.30E-08	3.50E-09	8.46E-08	1.87E-08	2.43E-08	3.85E-08	6.79E-09	3.83E-08	2.15E-07
2523	497614.44	3858251.52	3.02E-04	2.95E-04	2.91E-04	1.05E-07	3.16E-07	1.83E-07	1.79E-07	1.62E-07	7.39E-08	7.29E-08	3.50E-09	8.44E-08	1.86E-08	2.42E-08	3.85E-08	6.78E-09	3.83E-08	2.14E-07

2524	497364.44	3858301.52	3.06E-04	2.99E-04	2.95E-04	1.06E-07	3.20E-07	1.85E-07	1.81E-07	1.64E-07	7.48E-08	7.38E-08	3.54E-09	8.55E-08	1.89E-08	2.45E-08	3.89E-08	6.86E-09	3.87E-08	2.17E-07
2525	497414.44	3858301.52	3.07E-04	3.00E-04	2.96E-04	1.06E-07	3.21E-07	1.86E-07	1.82E-07	1.65E-07	7.51E-08	7.41E-08	3.55E-09	8.58E-08	1.89E-08	2.46E-08	3.91E-08	6.89E-09	3.89E-08	2.18E-07
2526	497464.44	3858301.52	3.06E-04	2.98E-04	2.94E-04	1.06E-07	3.20E-07	1.85E-07	1.81E-07	1.64E-07	7.47E-08	7.37E-08	3.53E-09	8.54E-08	1.88E-08	2.45E-08	3.89E-08	6.85E-09	3.87E-08	2.17E-07
2527	497514.44	3858301.52	3.05E-04	2.98E-04	2.94E-04	1.06E-07	3.19E-07	1.85E-07	1.80E-07	1.63E-07	7.45E-08	7.35E-08	3.52E-09	8.51E-08	1.88E-08	2.44E-08	3.88E-08	6.83E-09	3.86E-08	2.16E-07
2528	497564.44	3858301.52	3.04E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.84E-07	1.79E-07	1.63E-07	7.42E-08	7.32E-08	3.51E-09	8.48E-08	1.87E-08	2.43E-08	3.86E-08	6.81E-09	3.84E-08	2.15E-07
2529	497614.44	3858301.52	3.03E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.83E-07	1.79E-07	1.62E-07	7.40E-08	7.30E-08	3.50E-09	8.46E-08	1.87E-08	2.43E-08	3.85E-08	6.79E-09	3.83E-08	2.15E-07
2530	497364.44	3858351.52	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.82E-07	1.65E-07	7.55E-08	7.45E-08	3.57E-09	8.63E-08	1.90E-08	2.48E-08	3.93E-08	6.93E-09	3.91E-08	2.19E-07
2531	497414.44	3858351.52	3.08E-04	3.01E-04	2.97E-04	1.07E-07	3.22E-07	1.87E-07	1.82E-07	1.65E-07	7.53E-08	7.43E-08	3.56E-09	8.61E-08	1.90E-08	2.47E-08	3.92E-08	6.91E-09	3.90E-08	2.18E-07
2532	497464.44	3858351.52	3.08E-04	3.00E-04	2.96E-04	1.07E-07	3.22E-07	1.86E-07	1.82E-07	1.65E-07	7.52E-08	7.42E-08	3.56E-09	8.60E-08	1.90E-08	2.47E-08	3.91E-08	6.90E-09	3.89E-08	2.18E-07
2533	497514.44	3858351.52	3.07E-04	3.00E-04	2.96E-04	1.06E-07	3.21E-07	1.86E-07	1.81E-07	1.64E-07	7.50E-08	7.40E-08	3.55E-09	8.57E-08	1.89E-08	2.46E-08	3.90E-08	6.88E-09	3.88E-08	2.18E-07
2534	497564.44	3858351.52	3.05E-04	2.98E-04	2.94E-04	1.06E-07	3.19E-07	1.85E-07	1.80E-07	1.63E-07	7.46E-08	7.36E-08	3.53E-09	8.53E-08	1.88E-08	2.45E-08	3.88E-08	6.84E-09	3.86E-08	2.16E-07
2535	497614.44	3858351.52	3.05E-04	2.97E-04	2.93E-04	1.05E-07	3.18E-07	1.84E-07	1.80E-07	1.63E-07	7.44E-08	7.34E-08	3.52E-09	8.50E-08	1.88E-08	2.44E-08	3.87E-08	6.83E-09	3.85E-08	2.16E-07
2536	497364.44	3858401.52	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.83E-07	1.66E-07	7.56E-08	7.46E-08	3.58E-09	8.64E-08	1.91E-08	2.48E-08	3.94E-08	6.94E-09	3.91E-08	2.19E-07
2537	497414.44	3858401.52	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.83E-07	1.66E-07	7.56E-08	7.46E-08	3.58E-09	8.64E-08	1.91E-08	2.48E-08	3.94E-08	6.94E-09	3.91E-08	2.19E-07
2538	497464.44	3858401.52	3.09E-04	3.01E-04	2.97E-04	1.07E-07	3.23E-07	1.87E-07	1.82E-07	1.65E-07	7.54E-08	7.44E-08	3.57E-09	8.62E-08	1.90E-08	2.47E-08	3.93E-08	6.92E-09	3.90E-08	2.19E-07
2539	497514.44	3858401.52	3.08E-04	3.00E-04	2.96E-04	1.07E-07	3.22E-07	1.86E-07	1.82E-07	1.65E-07	7.52E-08	7.42E-08	3.56E-09	8.60E-08	1.90E-08	2.47E-08	3.91E-08	6.90E-09	3.89E-08	2.18E-07
2540	497564.44	3858401.52	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.83E-07	1.66E-07	7.56E-08	7.46E-08	3.58E-09	8.64E-08	1.91E-08	2.48E-08	3.94E-08	6.94E-09	3.91E-08	2.19E-07
2541	497614.44	3858401.52	3.10E-04	3.03E-04	2.99E-04	1.07E-07	3.24E-07	1.88E-07	1.83E-07	1.66E-07	7.58E-08	7.48E-08	3.59E-09	8.66E-08	1.91E-08	2.49E-08	3.95E-08	6.96E-09	3.92E-08	2.20E-07
2542	493478.11	3860497.94	1.51E-03	1.47E-03	1.45E-03	5.22E-07	1.58E-06	9.13E-07	8.91E-07	8.08E-07	3.69E-07	3.64E-07	1.74E-08	4.21E-07	9.30E-08	1.21E-07	1.92E-07	3.38E-08	1.91E-07	1.07E-06
2543	493528.11	3860497.94	1.48E-03	1.45E-03	1.43E-03	5.13E-07	1.55E-06	8.96E-07	8.75E-07	7.93E-07	3.62E-07	3.57E-07	1.71E-08	4.14E-07	9.13E-08	1.19E-07	1.88E-07	3.32E-08	1.87E-07	1.05E-06
2544	493478.11	3860547.94	1.57E-03	1.53E-03	1.51E-03	5.44E-07	1.64E-06	9.51E-07	9.28E-07	8.41E-07	3.84E-07	3.79E-07	1.82E-08	4.39E-07	9.69E-08	1.26E-07	2.00E-07	3.52E-08	1.99E-07	1.11E-06
2545	493528.11	3860547.94	1.54E-03	1.51E-03	1.49E-03	5.35E-07	1.61E-06	9.34E-07	9.12E-07	8.26E-07	3.77E-07	3.72E-07	1.78E-08	4.31E-07	9.51E-08	1.24E-07	1.96E-07	3.46E-08	1.95E-07	1.09E-06
2546	493478.11	3860597.94	1.64E-03	1.60E-03	1.58E-03	5.67E-07	1.71E-06	9.92E-07	9.68E-07	8.77E-07	4.00E-07	3.95E-07	1.89E-08	4.58E-07	1.01E-07	1.31E-07	2.08E-07	3.67E-08	2.07E-07	1.16E-06
2547	493528.11	3860597.94	1.61E-03	1.57E-03	1.55E-03	5.57E-07	1.68E-06	9.73E-07	9.49E-07	8.60E-07	3.93E-07	3.87E-07	1.86E-08	4.49E-07	9.91E-08	1.29E-07	2.04E-07	3.60E-08	2.03E-07	1.14E-06
2548	493561.88	3860524.64	1.49E-03	1.46E-03	1.44E-03	5.17E-07	1.56E-06	9.04E-07	8.82E-07	7.99E-07	3.65E-07	3.60E-07	1.73E-08	4.17E-07	9.20E-08	1.20E-07	1.90E-07	3.35E-08	1.89E-07	1.06E-06
2549	493591.88	3860524.64	1.47E-03	1.44E-03	1.42E-03	5.10E-07	1.54E-06	8.91E-07	8.69E-07	7.88E-07	3.60E-07	3.55E-07	1.70E-08	4.11E-07	9.07E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
2550	493561.88	3860554.64	1.53E-03	1.49E-03	1.47E-03	5.30E-07	1.60E-06	9.27E-07	9.04E-07	8.20E-07	3.74E-07	3.69E-07	1.77E-08	4.28E-07	9.44E-08	1.23E-07	1.95E-07	3.43E-08	1.94E-07	1.09E-06
2551	493591.88	3860554.64	1.51E-03	1.47E-03	1.45E-03	5.22E-07	1.57E-06	9.12E-07	8.90E-07	8.07E-07	3.68E-07	3.63E-07	1.74E-08	4.21E-07	9.28E-08	1.21E-07	1.92E-07	3.38E-08	1.91E-07	1.07E-06
2552	492880.5	3860293.11	1.78E-03	1.73E-03	1.71E-03	6.15E-07	1.86E-06	1.08E-06	1.05E-06	9.52E-07	4.34E-07	4.28E-07	2.05E-08	4.96E-07	1.10E-07	1.43E-07	2.26E-07	3.98E-08	2.25E-07	1.26E-06
2553	492930.5	3860293.11	1.72E-03	1.67E-03	1.65E-03	5.94E-07	1.79E-06	1.04E-06	1.01E-06	9.19E-07	4.19E-07	4.14E-07	1.98E-08	4.79E-07	1.06E-07	1.38E-07	2.18E-07	3.85E-08	2.17E-07	1.22E-06
2554	492980.5	3860293.11	1.66E-03	1.62E-03	1.59E-03	5.73E-07	1.73E-06	1.00E-06	9.78E-07	8.86E-07	4.04E-07	3.99E-07	1.91E-08	4.62E-07	1.02E-07	1.33E-07	2.11E-07	3.71E-08	2.09E-07	1.17E-06
2555	493030.5	3860293.11	1.56E-03	1.52E-03	1.50E-03	5.39E-07	1.63E-06	9.42E-07	9.19E-07	8.33E-07	3.80E-07	3.75E-07	1.80E-08	4.35E-07	9.59E-08	1.25E-07	1.98E-07	3.49E-08	1.97E-07	1.10E-06
2556	493080.5	3860293.11	1.46E-03	1.43E-03	1.41E-03	5.06E-07	1.53E-06	8.84E-07	8.62E-07	7.82E-07	3.57E-07	3.52E-07	1.69E-08	4.08E-07	9.00E-08	1.17E-07	1.86E-07	3.27E-08	1.85E-07	1.03E-06
2557	493130.5	3860293.11	1.47E-03	1.43E-03	1.41E-03	5.08E-07	1.53E-06	8.88E-07	8.67E-07	7.86E-07	3.59E-07	3.54E-07	1.70E-08	4.10E-07	9.05E-08	1.18E-07	1.87E-07	3.29E-08	1.86E-07	1.04E-06
2558	493180.5	3860293.11	1.47E-03	1.43E-03	1.41E-03	5.07E-07	1.53E-06	8.87E-07	8.65E-07	7.84E-07	3.58E-07	3.53E-07	1.69E-08	4.09E-07	9.03E-08	1.17E-07	1.86E-07	3.28E-08	1.85E-07	1.04E-06
2559	493230.5	3860293.11	1.44E-03	1.40E-03	1.38E-03	4.98E-07	1.50E-06	8.70E-07	8.49E-07	7.70E-07	3.51E-07	3.47E-07	1.66E-08	4.02E-07	8.86E-08	1.15E-07	1.83E-07	3.22E-08	1.82E-07	1.02E-06
2560	493280.5	3860293.11	1.38E-03	1.35E-03	1.33E-03	4.79E-07	1.45E-06	8.38E-07	8.18E-07	7.41E-07	3.38E-07	3.34E-07	1.60E-08	3.87E-07	8.53E-08	1.11E-07	1.76E-07	3.10E-08	1.75E-07	9.81E-07
2561	493330.5	3860293.11	1.35E-03	1.31E-03	1.30E-03	4.66E-07	1.41E-06	8.15E-07	7.95E-07	7.21E-07	3.29E-07	3.25E-07	1.56E-08	3.76E-07	8.30E-08	1.08E-07	1.71E-07	3.02E-08	1.70E-07	9.54E-07
2562	493380.5	3860293.11	1.32E-03	1.28E-03	1.27E-03	4.55E-07	1.38E-06	7.96E-07	7.77E-07	7.04E-07	3.21E-07	3.17E-07	1.52E-08	3.67E-07	8.11E-08	1.05E-07	1.67E-07	2.95E-08	1.66E-07	9.32E-07
2563	492880.5	3860343.11	1.86E-03	1.82E-03	1.79E-03	6.44E-07	1.95E-06	1.13E-06	1.10E-06	9.96E-07	4.55E-07	4.48E-07	2.15E-08	5.20E-07	1.15E-07	1.49E-07	2.37E-07	4.17E-08	2.35E-07	1.32E-06
2564	492930.5	3860343.11	1.80E-03	1.76E-03	1.73E-03	6.23E-07	1.88E-06	1.09E-06	1.06E-06	9.63E-07	4.39E-07	4.34E-07	2.08E-08	5.02E-07	1.11E-07	1.44E-07	2.29E-07	4.03E-08	2.28E-07	1.28E-06
2565	492980.5	3860343.11	1.69E-03	1.65E-03	1.63E-03	5.86E-07	1.77E-06	1.02E-06	9.99E-07	9.05E-07	4.13E-07	4.08E-07	1.96E-08	4.72E-07	1.04E-07	1.36E-07	2.15E-07	3.79E-08	2.14E-07	1.20E-06
2566	493030.5	3860343.11	1.64E-03	1.60E-03	1.58E-03	5.67E-07	1.71E-06	9.91E-07	9.67E-07	8.77E-07	4.00E-07	3.95E-07	1.89E-08	4.57E-07	1.01E-07	1.31E-07	2.08E-07	3.67E-08	2.07E-07	1.16E-06
2567	493080.5	3860343.11	1.55E-03	1.51E-03	1.49E-03	5.35E-07	1.62E-06	9.35E-07	9.12E-07	8.27E-07	3.77E-07	3.72E-07	1.79E-08	4.32E-07	9.52E-08	1.24E-07	1.97E-07	3.46E-08	1.95E-07	1.10E-06
2568	493130.5	3860343.11	1.52E-03	1.49E-03	1.47E-03	5.27E-07	1.59E-06	9.21E-07	8.99E-07	8.15E-07	3.72E-07	3.67E-07	1.76E-08	4.25E-07	9.38E-08	1.22E-07	1.94E-07	3.41E-08	1.93E-07	1.08E-06
2569	493180.5	3860343.11	1.52E-03	1.48E-03	1.46E-03	5.26E-07	1.59E-06	9.20E-07	8.98E-07	8.14E-07	3.71E-07	3.66E-07	1.76E-08	4.25E-07	9.37E-08	1.22E-07	1.93E-07	3.41E-08	1.92E-07	1.08E-06
2570	493230.5	3860343.11	1.49E-03	1.46E-03	1.44E-03	5.17E-07	1.56E-06	9.03E-07	8.81E-07	7.99E-07	3.65E-07	3.60E-07	1.73E-08	4.17E-07	9.20E-08	1.20E-07	1.90E-07	3.35E-08	1.89E-07	1.06E-06
2571	493280.5	3860343.11	1.44E-03	1.40E-03	1.38E-03	4.97E-07	1.50E-06	8.70E-07	8.49E-07	7.69E-07	3.51E-07	3.46E-07	1.66E-08	4.01E-07	8.85E-08	1.15E-07	1.83E-07	3.22E-08	1.82E-07	1.02E-06
2572	493330.5	3860343.11	1.39E-03	1.36E-03	1.34E-03	4.82E-07	1.46E-06	8.43E-07	8.22E-07	7.45E-07	3.40E-07	3.36E-07	1.61E-08	3.89E-07	8.58E-08	1.12E-07	1.77E-07	3.12E-08	1.76E-07	9.87E-07
2573	493380.5	3860343.11	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.24E-07	8.04E-07	7.29E-07	3.33E-07	3.28E-07	1.57E-08	3.80E-07	8.39E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.65E-07
2574	492880.5	3860393.11	1.95E-03	1.90E-03	1.88E-03	6.76E-07	2.04E-06	1.18E-06	1.15E-06	1.04E-06	4.77E-07	4.70E-07	2.26E-08	5.45E-07	1.20E-07	1.56E-07	2.48E-07	4.37E-08	2.47E-07	1.38E-06
2575	492930.5	3860393.11	1.88E-03	1.83E-03	1.81E-03	6.50E-07	1.96E-06	1.14E-06	1.11E-06	1.01E-06	4.59E-07	4.52E-07	2.17E-08	5.24E-07	1.16E-07	1.51E-07	2.39E-07	4.21E-08	2.37E-07	1.33E-06
2576	492980.5	3860393.11	1.79E-03	1.75E-03	1.72E-03	6.20E-07	1.87E-06	1.08E-06	1.06E-06	9.58E-07	4.37E-07	4.31E-07	2.07E-08	5.00E-07	1.10E-07	1.44E-07	2.28E-07	4.01E-08	2.26E-07	1.27E-06
2577	493030.5	3860393.11	1.72E-03	1.68E-03	1.66E-03	5.95E-07	1.80E-06	1.04E-06	1.02E-06	9.20E-07	4.20E-07	4.14E-07	1.99E-08	4.80E-07	1.06E-07	1.38E-07	2.19E-07	3.85E-08	2.17E-07	1.22E-06
2578	493080.5	3860393.11	1.62E-03	1.58E-03	1.56E-03	5.61E-07	1.69E-06	9.81E-07	9.57E-07	8.68E-07	3.96E-07	3.91E-07	1.87E-08	4.53E-07	9.99E-08	1.30E-07	2.06E-07	3.63E-08	2.05E-07	1.15E-06

2579	493130.5	3860393.11	1.60E-03	1.56E-03	1.54E-03	5.55E-07	1.68E-06	9.70E-07	9.46E-07	8.58E-07	3.91E-07	3.86E-07	1.85E-08	4.47E-07	9.87E-08	1.28E-07	2.04E-07	3.59E-08	2.03E-07	1.14E-06
2580	493180.5	3860393.11	1.60E-03	1.56E-03	1.54E-03	5.52E-07	1.67E-06	9.66E-07	9.42E-07	8.54E-07	3.90E-07	3.85E-07	1.84E-08	4.46E-07	9.83E-08	1.28E-07	2.03E-07	3.58E-08	2.02E-07	1.13E-06
2581	493230.5	3860393.11	1.55E-03	1.52E-03	1.50E-03	5.38E-07	1.62E-06	9.41E-07	9.18E-07	8.32E-07	3.80E-07	3.75E-07	1.80E-08	4.34E-07	9.58E-08	1.25E-07	1.98E-07	3.48E-08	1.97E-07	1.10E-06
2582	493280.5	3860393.11	1.49E-03	1.46E-03	1.44E-03	5.17E-07	1.56E-06	9.03E-07	8.82E-07	7.99E-07	3.65E-07	3.60E-07	1.73E-08	4.17E-07	9.20E-08	1.20E-07	1.90E-07	3.35E-08	1.89E-07	1.06E-06
2583	493330.5	3860393.11	1.45E-03	1.41E-03	1.39E-03	5.00E-07	1.51E-06	8.75E-07	8.53E-07	7.74E-07	3.53E-07	3.48E-07	1.67E-08	4.04E-07	8.91E-08	1.16E-07	1.84E-07	3.24E-08	1.83E-07	1.02E-06
2584	493380.5	3860393.11	1.41E-03	1.38E-03	1.36E-03	4.88E-07	1.47E-06	8.53E-07	8.33E-07	7.55E-07	3.44E-07	3.40E-07	1.63E-08	3.94E-07	8.69E-08	1.13E-07	1.79E-07	3.16E-08	1.78E-07	9.99E-07
2585	492880.5	3860443.11	2.04E-03	1.99E-03	1.97E-03	7.07E-07	2.13E-06	1.24E-06	1.21E-06	1.09E-06	4.99E-07	4.92E-07	2.36E-08	5.70E-07	1.26E-07	1.64E-07	2.60E-07	4.58E-08	2.58E-07	1.45E-06
2586	492930.5	3860443.11	1.98E-03	1.93E-03	1.90E-03	6.84E-07	2.07E-06	1.20E-06	1.17E-06	1.06E-06	4.83E-07	4.76E-07	2.28E-08	5.52E-07	1.22E-07	1.58E-07	2.51E-07	4.43E-08	2.50E-07	1.40E-06
2587	492980.5	3860443.11	1.89E-03	1.85E-03	1.82E-03	6.56E-07	1.98E-06	1.15E-06	1.12E-06	1.01E-06	4.63E-07	4.56E-07	2.19E-08	5.29E-07	1.17E-07	1.52E-07	2.41E-07	4.24E-08	2.40E-07	1.34E-06
2588	493030.5	3860443.11	1.82E-03	1.77E-03	1.75E-03	6.29E-07	1.90E-06	1.10E-06	1.07E-06	9.72E-07	4.44E-07	4.38E-07	2.10E-08	5.07E-07	1.12E-07	1.46E-07	2.31E-07	4.07E-08	2.30E-07	1.29E-06
2589	493080.5	3860443.11	1.76E-03	1.71E-03	1.69E-03	6.08E-07	1.84E-06	1.06E-06	1.04E-06	9.40E-07	4.29E-07	4.23E-07	2.03E-08	4.90E-07	1.08E-07	1.41E-07	2.23E-07	3.94E-08	2.22E-07	1.24E-06
2590	493130.5	3860443.11	1.70E-03	1.66E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.00E-06	9.11E-07	4.16E-07	4.10E-07	1.97E-08	4.75E-07	1.05E-07	1.36E-07	2.16E-07	3.81E-08	2.15E-07	1.21E-06
2591	493180.5	3860443.11	1.68E-03	1.64E-03	1.62E-03	5.83E-07	1.76E-06	1.02E-06	9.94E-07	9.01E-07	4.11E-07	4.06E-07	1.95E-08	4.70E-07	1.04E-07	1.35E-07	2.14E-07	3.77E-08	2.13E-07	1.19E-06
2592	493230.5	3860443.11	1.61E-03	1.58E-03	1.55E-03	5.59E-07	1.69E-06	9.77E-07	9.53E-07	8.64E-07	3.94E-07	3.89E-07	1.87E-08	4.51E-07	9.95E-08	1.29E-07	2.05E-07	3.62E-08	2.04E-07	1.14E-06
2593	493280.5	3860443.11	1.56E-03	1.52E-03	1.50E-03	5.41E-07	1.63E-06	9.45E-07	9.22E-07	8.36E-07	3.81E-07	3.76E-07	1.81E-08	4.36E-07	9.62E-08	1.25E-07	1.99E-07	3.50E-08	1.97E-07	1.11E-06
2594	493330.5	3860443.11	1.50E-03	1.46E-03	1.44E-03	5.19E-07	1.57E-06	9.08E-07	8.86E-07	8.03E-07	3.66E-07	3.62E-07	1.73E-08	4.19E-07	9.25E-08	1.20E-07	1.91E-07	3.36E-08	1.90E-07	1.06E-06
2595	493380.5	3860443.11	1.47E-03	1.44E-03	1.42E-03	5.10E-07	1.54E-06	8.91E-07	8.70E-07	7.88E-07	3.60E-07	3.55E-07	1.70E-08	4.11E-07	9.07E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
2596	493180.5	3860493.11	1.75E-03	1.71E-03	1.69E-03	6.06E-07	1.83E-06	1.06E-06	1.03E-06	9.37E-07	4.27E-07	4.22E-07	2.02E-08	4.89E-07	1.08E-07	1.40E-07	2.23E-07	3.92E-08	2.21E-07	1.24E-06
2597	493230.5	3860493.11	1.69E-03	1.65E-03	1.63E-03	5.85E-07	1.77E-06	1.02E-06	9.97E-07	9.04E-07	4.13E-07	4.07E-07	1.95E-08	4.72E-07	1.04E-07	1.35E-07	2.15E-07	3.79E-08	2.14E-07	1.20E-06
2598	493280.5	3860493.11	1.63E-03	1.59E-03	1.57E-03	5.64E-07	1.70E-06	9.86E-07	9.62E-07	8.72E-07	3.98E-07	3.93E-07	1.88E-08	4.55E-07	1.00E-07	1.31E-07	2.07E-07	3.65E-08	2.06E-07	1.16E-06
2599	493330.5	3860493.11	1.58E-03	1.54E-03	1.52E-03	5.47E-07	1.65E-06	9.56E-07	9.33E-07	8.46E-07	3.86E-07	3.81E-07	1.83E-08	4.41E-07	9.74E-08	1.27E-07	2.01E-07	3.54E-08	2.00E-07	1.12E-06
2600	493380.5	3860493.11	1.55E-03	1.51E-03	1.49E-03	5.36E-07	1.62E-06	9.38E-07	9.15E-07	8.29E-07	3.78E-07	3.73E-07	1.79E-08	4.33E-07	9.55E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
2601	493330.5	3860543.11	1.65E-03	1.61E-03	1.59E-03	5.72E-07	1.73E-06	1.00E-06	9.76E-07	8.84E-07	4.04E-07	3.98E-07	1.91E-08	4.61E-07	1.02E-07	1.32E-07	2.10E-07	3.70E-08	2.09E-07	1.17E-06
2602	493380.5	3860543.11	1.62E-03	1.58E-03	1.56E-03	5.61E-07	1.69E-06	9.80E-07	9.57E-07	8.67E-07	3.96E-07	3.90E-07	1.87E-08	4.52E-07	9.98E-08	1.30E-07	2.06E-07	3.63E-08	2.05E-07	1.15E-06
2603	494135.94	3860876.85	1.67E-03	1.63E-03	1.61E-03	5.77E-07	1.74E-06	1.01E-06	9.85E-07	8.93E-07	4.07E-07	4.02E-07	1.93E-08	4.66E-07	1.03E-07	1.34E-07	2.12E-07	3.74E-08	2.11E-07	1.18E-06
2604	494185.94	3860876.85	1.64E-03	1.60E-03	1.58E-03	5.68E-07	1.72E-06	9.93E-07	9.69E-07	8.78E-07	4.01E-07	3.96E-07	1.90E-08	4.58E-07	1.01E-07	1.32E-07	2.09E-07	3.68E-08	2.08E-07	1.16E-06
2605	494135.94	3860926.85	1.78E-03	1.74E-03	1.71E-03	6.16E-07	1.86E-06	1.08E-06	1.05E-06	9.53E-07	4.35E-07	4.29E-07	2.06E-08	4.97E-07	1.10E-07	1.43E-07	2.26E-07	3.99E-08	2.25E-07	1.26E-06
2606	494185.94	3860926.85	1.75E-03	1.71E-03	1.68E-03	6.05E-07	1.83E-06	1.06E-06	1.03E-06	9.36E-07	4.27E-07	4.21E-07	2.02E-08	4.88E-07	1.08E-07	1.40E-07	2.22E-07	3.92E-08	2.21E-07	1.24E-06
2607	494135.94	3860976.85	1.91E-03	1.86E-03	1.84E-03	6.61E-07	2.00E-06	1.16E-06	1.13E-06	1.02E-06	4.66E-07	4.60E-07	2.21E-08	5.33E-07	1.18E-07	1.53E-07	2.43E-07	4.28E-08	2.42E-07	1.35E-06
2608	494185.94	3860976.85	1.87E-03	1.83E-03	1.80E-03	6.48E-07	1.96E-06	1.13E-06	1.11E-06	1.00E-06	4.57E-07	4.51E-07	2.17E-08	5.23E-07	1.15E-07	1.50E-07	2.38E-07	4.20E-08	2.37E-07	1.33E-06
2609	494135.94	3861026.85	2.07E-03	2.02E-03	1.99E-03	7.15E-07	2.16E-06	1.25E-06	1.22E-06	1.11E-06	5.05E-07	4.98E-07	2.39E-08	5.77E-07	1.27E-07	1.66E-07	2.63E-07	4.63E-08	2.61E-07	1.46E-06
2610	494185.94	3861026.85	2.02E-03	1.97E-03	1.95E-03	7.00E-07	2.11E-06	1.22E-06	1.19E-06	1.08E-06	4.94E-07	4.88E-07	2.34E-08	5.65E-07	1.25E-07	1.62E-07	2.57E-07	4.53E-08	2.56E-07	1.43E-06
2611	494135.94	3861076.85	2.26E-03	2.20E-03	2.17E-03	7.81E-07	2.36E-06	1.36E-06	1.33E-06	1.21E-06	5.51E-07	5.43E-07	2.61E-08	6.30E-07	1.39E-07	1.81E-07	2.87E-07	5.05E-08	2.85E-07	1.60E-06
2612	494185.94	3861076.85	2.21E-03	2.15E-03	2.12E-03	7.63E-07	2.31E-06	1.33E-06	1.30E-06	1.18E-06	5.39E-07	5.31E-07	2.55E-08	6.16E-07	1.36E-07	1.77E-07	2.80E-07	4.94E-08	2.79E-07	1.56E-06
2613	490360.04	3858710.04	1.55E-03	1.51E-03	1.49E-03	5.36E-07	1.62E-06	9.37E-07	9.14E-07	8.29E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.54E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
2614	490410.04	3858710.04	1.51E-03	1.47E-03	1.45E-03	5.21E-07	1.57E-06	9.11E-07	8.89E-07	8.06E-07	3.68E-07	3.63E-07	1.74E-08	4.20E-07	9.27E-08	1.21E-07	1.91E-07	3.37E-08	1.90E-07	1.07E-06
2615	490460.04	3858710.04	1.46E-03	1.42E-03	1.40E-03	5.04E-07	1.52E-06	8.81E-07	8.59E-07	7.79E-07	3.55E-07	3.51E-07	1.68E-08	4.06E-07	8.97E-08	1.17E-07	1.85E-07	3.26E-08	1.84E-07	1.03E-06
2616	490510.04	3858710.04	1.42E-03	1.38E-03	1.36E-03	4.90E-07	1.48E-06	8.57E-07	8.36E-07	7.58E-07	3.46E-07	3.41E-07	1.64E-08	3.95E-07	8.72E-08	1.14E-07	1.80E-07	3.17E-08	1.79E-07	1.00E-06
2617	490560.04	3858710.04	1.38E-03	1.35E-03	1.33E-03	4.78E-07	1.44E-06	8.36E-07	8.15E-07	7.39E-07	3.37E-07	3.33E-07	1.60E-08	3.86E-07	8.51E-08	1.11E-07	1.76E-07	3.10E-08	1.75E-07	9.79E-07
2618	490610.04	3858710.04	1.35E-03	1.31E-03	1.30E-03	4.66E-07	1.41E-06	8.15E-07	7.95E-07	7.21E-07	3.29E-07	3.24E-07	1.56E-08	3.76E-07	8.29E-08	1.08E-07	1.71E-07	3.02E-08	1.70E-07	9.54E-07
2619	490660.04	3858710.04	1.32E-03	1.29E-03	1.27E-03	4.57E-07	1.38E-06	7.99E-07	7.80E-07	7.07E-07	3.23E-07	3.18E-07	1.53E-08	3.69E-07	8.14E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.36E-07
2620	490710.04	3858710.04	1.28E-03	1.25E-03	1.24E-03	4.44E-07	1.34E-06	7.77E-07	7.58E-07	6.87E-07	3.14E-07	3.09E-07	1.48E-08	3.59E-07	7.91E-08	1.03E-07	1.63E-07	2.88E-08	1.62E-07	9.10E-07
2621	490760.04	3858710.04	1.25E-03	1.22E-03	1.21E-03	4.33E-07	1.31E-06	7.57E-07	7.39E-07	6.70E-07	3.06E-07	3.02E-07	1.45E-08	3.49E-07	7.71E-08	1.00E-07	1.59E-07	2.81E-08	1.58E-07	8.87E-07
2622	490810.04	3858710.04	1.22E-03	1.19E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.21E-07	6.54E-07	2.98E-07	2.94E-07	1.41E-08	3.41E-07	7.53E-08	9.79E-08	1.55E-07	2.74E-08	1.54E-07	8.65E-07
2623	490860.04	3858710.04	1.19E-03	1.16E-03	1.14E-03	4.11E-07	1.24E-06	7.18E-07	7.01E-07	6.35E-07	2.90E-07	2.86E-07	1.37E-08	3.31E-07	7.31E-08	9.52E-08	1.51E-07	2.66E-08	1.50E-07	8.41E-07
2624	490360.04	3858760.04	1.61E-03	1.57E-03	1.55E-03	5.58E-07	1.69E-06	9.76E-07	9.52E-07	8.63E-07	3.94E-07	3.89E-07	1.86E-08	4.50E-07	9.94E-08	1.29E-07	2.05E-07	3.62E-08	2.04E-07	1.14E-06
2625	490410.04	3858760.04	1.56E-03	1.53E-03	1.51E-03	5.41E-07	1.63E-06	9.46E-07	9.23E-07	8.37E-07	3.82E-07	3.77E-07	1.81E-08	4.37E-07	9.64E-08	1.25E-07	1.99E-07	3.51E-08	1.98E-07	1.11E-06
2626	490460.04	3858760.04	1.51E-03	1.48E-03	1.46E-03	5.24E-07	1.58E-06	9.16E-07	8.94E-07	8.10E-07	3.70E-07	3.65E-07	1.75E-08	4.23E-07	9.33E-08	1.21E-07	1.93E-07	3.39E-08	1.92E-07	1.07E-06
2627	490510.04	3858760.04	1.46E-03	1.43E-03	1.41E-03	5.07E-07	1.53E-06	8.86E-07	8.65E-07	7.84E-07	3.58E-07	3.53E-07	1.69E-08	4.09E-07	9.03E-08	1.17E-07	1.86E-07	3.28E-08	1.85E-07	1.04E-06
2628	490560.04	3858760.04	1.42E-03	1.39E-03	1.37E-03	4.93E-07	1.49E-06	8.62E-07	8.41E-07	7.62E-07	3.48E-07	3.43E-07	1.65E-08	3.98E-07	8.78E-08	1.14E-07	1.81E-07	3.19E-08	1.80E-07	1.01E-06
2629	490610.04	3858760.04	1.38E-03	1.35E-03	1.33E-03	4.79E-07	1.45E-06	8.37E-07	8.17E-07	7.40E-07	3.38E-07	3.33E-07	1.60E-08	3.86E-07	8.52E-08	1.11E-07	1.76E-07	3.10E-08	1.75E-07	9.80E-07
2630	490660.04	3858760.04	1.35E-03	1.31E-03	1.30E-03	4.66E-07	1.41E-06	8.15E-07	7.95E-07	7.21E-07	3.29E-07	3.24E-07	1.56E-08	3.76E-07	8.29E-08	1.08E-07	1.71E-07	3.02E-08	1.70E-07	9.54E-07
2631	490710.04	3858760.04	1.31E-03	1.28E-03	1.26E-03	4.54E-07	1.37E-06	7.93E-07	7.74E-07	7.02E-07	3.20E-07	3.16E-07	1.52E-08	3.66E-07	8.08E-08	1.05E-07	1.67E-07	2.94E-08	1.66E-07	9.29E-07
2632	490760.04	3858760.04	1.27E-03	1.24E-03	1.23E-03	4.41E-07	1.33E-06	7.70E-07	7.52E-07	6.81E-07	3.11E-07	3.07E-07	1.47E-08	3.56E-07	7.84E-08	1.02E-07	1.62E-07	2.85E-08	1.61E-07	9.02E-07
2633	490810.04	3858760.04	1.24E-03	1.21E-03	1.19E-03	4.29E-07	1.29E-06	7.50E-07	7.31E-07	6.63E-07	3.03E-07	2.99E-07	1.43E-08	3.46E-07	7.63E-08	9.93E-08	1.58E-07	2.78E-08	1.57E-07	8.78E-07

2634	490860.04	3858760.04	1.21E-03	1.18E-03	1.16E-03	4.18E-07	1.26E-06	7.32E-07	7.14E-07	6.47E-07	2.95E-07	2.91E-07	1.40E-08	3.38E-07	7.45E-08	9.69E-08	1.54E-07	2.71E-08	1.53E-07	8.57E-07
2635	490360.04	3858810.04	1.68E-03	1.64E-03	1.62E-03	5.81E-07	1.75E-06	1.02E-06	9.91E-07	8.98E-07	4.10E-07	4.04E-07	1.94E-08	4.69E-07	1.03E-07	1.35E-07	2.13E-07	3.76E-08	2.12E-07	1.19E-06
2636	490410.04	3858810.04	1.62E-03	1.58E-03	1.56E-03	5.62E-07	1.70E-06	9.82E-07	9.58E-07	8.68E-07	3.96E-07	3.91E-07	1.88E-08	4.53E-07	1.00E-07	1.30E-07	2.06E-07	3.64E-08	2.05E-07	1.15E-06
2637	490460.04	3858810.04	1.57E-03	1.53E-03	1.51E-03	5.43E-07	1.64E-06	9.49E-07	9.26E-07	8.40E-07	3.83E-07	3.78E-07	1.81E-08	4.38E-07	9.66E-08	1.26E-07	1.99E-07	3.52E-08	1.98E-07	1.11E-06
2638	490510.04	3858810.04	1.52E-03	1.49E-03	1.47E-03	5.27E-07	1.59E-06	9.22E-07	8.99E-07	8.15E-07	3.72E-07	3.67E-07	1.76E-08	4.25E-07	9.39E-08	1.22E-07	1.94E-07	3.41E-08	1.93E-07	1.08E-06
2639	490560.04	3858810.04	1.48E-03	1.44E-03	1.42E-03	5.12E-07	1.55E-06	8.95E-07	8.73E-07	7.91E-07	3.61E-07	3.56E-07	1.71E-08	4.13E-07	9.11E-08	1.19E-07	1.88E-07	3.31E-08	1.87E-07	1.05E-06
2640	490610.04	3858810.04	1.43E-03	1.39E-03	1.38E-03	4.94E-07	1.49E-06	8.64E-07	8.43E-07	7.65E-07	3.49E-07	3.44E-07	1.65E-08	3.99E-07	8.80E-08	1.15E-07	1.82E-07	3.20E-08	1.81E-07	1.01E-06
2641	490660.04	3858810.04	1.39E-03	1.35E-03	1.33E-03	4.80E-07	1.45E-06	8.39E-07	8.18E-07	7.42E-07	3.39E-07	3.34E-07	1.60E-08	3.87E-07	8.54E-08	1.11E-07	1.76E-07	3.11E-08	1.75E-07	9.82E-07
2642	490710.04	3858810.04	1.34E-03	1.31E-03	1.29E-03	4.65E-07	1.40E-06	8.13E-07	7.93E-07	7.19E-07	3.28E-07	3.24E-07	1.55E-08	3.75E-07	8.28E-08	1.08E-07	1.71E-07	3.01E-08	1.70E-07	9.52E-07
2643	490760.04	3858810.04	1.30E-03	1.27E-03	1.25E-03	4.49E-07	1.36E-06	7.84E-07	7.65E-07	6.94E-07	3.17E-07	3.12E-07	1.50E-08	3.62E-07	7.99E-08	1.04E-07	1.65E-07	2.91E-08	1.64E-07	9.19E-07
2644	490810.04	3858810.04	1.27E-03	1.24E-03	1.22E-03	4.39E-07	1.33E-06	7.68E-07	7.49E-07	6.79E-07	3.10E-07	3.06E-07	1.47E-08	3.54E-07	7.82E-08	1.02E-07	1.61E-07	2.84E-08	1.61E-07	8.99E-07
2645	490860.04	3858810.04	1.23E-03	1.20E-03	1.19E-03	4.26E-07	1.29E-06	7.45E-07	7.27E-07	6.59E-07	3.01E-07	2.97E-07	1.42E-08	3.44E-07	7.59E-08	9.87E-08	1.57E-07	2.76E-08	1.56E-07	8.73E-07
2646	490360.04	3858860.04	1.74E-03	1.70E-03	1.68E-03	6.03E-07	1.82E-06	1.05E-06	1.03E-06	9.32E-07	4.25E-07	4.20E-07	2.01E-08	4.86E-07	1.07E-07	1.40E-07	2.21E-07	3.90E-08	2.20E-07	1.23E-06
2647	490410.04	3858860.04	1.69E-03	1.65E-03	1.63E-03	5.86E-07	1.77E-06	1.02E-06	1.00E-06	9.06E-07	4.13E-07	4.08E-07	1.96E-08	4.73E-07	1.04E-07	1.36E-07	2.15E-07	3.79E-08	2.14E-07	1.20E-06
2648	490460.04	3858860.04	1.63E-03	1.59E-03	1.57E-03	5.64E-07	1.70E-06	9.87E-07	9.63E-07	8.73E-07	3.98E-07	3.93E-07	1.88E-08	4.55E-07	1.00E-07	1.31E-07	2.07E-07	3.65E-08	2.06E-07	1.16E-06
2649	490510.04	3858860.04	1.59E-03	1.55E-03	1.53E-03	5.50E-07	1.66E-06	9.61E-07	9.38E-07	8.50E-07	3.88E-07	3.83E-07	1.84E-08	4.43E-07	9.79E-08	1.27E-07	2.02E-07	3.56E-08	2.01E-07	1.13E-06
2650	490560.04	3858860.04	1.53E-03	1.50E-03	1.48E-03	5.31E-07	1.60E-06	9.28E-07	9.06E-07	8.21E-07	3.75E-07	3.70E-07	1.77E-08	4.28E-07	9.45E-08	1.23E-07	1.95E-07	3.44E-08	1.94E-07	1.09E-06
2651	490610.04	3858860.04	1.47E-03	1.44E-03	1.42E-03	5.10E-07	1.54E-06	8.91E-07	8.69E-07	7.88E-07	3.60E-07	3.55E-07	1.70E-08	4.11E-07	9.07E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
2652	490660.04	3858860.04	1.43E-03	1.39E-03	1.37E-03	4.94E-07	1.49E-06	8.64E-07	8.43E-07	7.64E-07	3.49E-07	3.44E-07	1.65E-08	3.99E-07	8.80E-08	1.14E-07	1.82E-07	3.20E-08	1.81E-07	1.01E-06
2653	490710.04	3858860.04	1.39E-03	1.36E-03	1.34E-03	4.81E-07	1.45E-06	8.41E-07	8.21E-07	7.44E-07	3.40E-07	3.35E-07	1.61E-08	3.88E-07	8.57E-08	1.11E-07	1.77E-07	3.12E-08	1.76E-07	9.85E-07
2654	490760.04	3858860.04	1.34E-03	1.31E-03	1.29E-03	4.64E-07	1.40E-06	8.11E-07	7.91E-07	7.17E-07	3.27E-07	3.23E-07	1.55E-08	3.74E-07	8.26E-08	1.07E-07	1.70E-07	3.00E-08	1.70E-07	9.50E-07
2655	490810.04	3858860.04	1.30E-03	1.26E-03	1.25E-03	4.49E-07	1.35E-06	7.84E-07	7.65E-07	6.93E-07	3.16E-07	3.12E-07	1.50E-08	3.62E-07	7.98E-08	1.04E-07	1.65E-07	2.90E-08	1.64E-07	9.18E-07
2656	490860.04	3858860.04	1.25E-03	1.22E-03	1.21E-03	4.33E-07	1.31E-06	7.58E-07	7.39E-07	6.70E-07	3.06E-07	3.02E-07	1.45E-08	3.50E-07	7.71E-08	1.00E-07	1.59E-07	2.81E-08	1.58E-07	8.87E-07
2657	490360.04	3858910.04	1.84E-03	1.80E-03	1.77E-03	6.37E-07	1.92E-06	1.11E-06	1.09E-06	9.85E-07	4.49E-07	4.43E-07	2.13E-08	5.14E-07	1.13E-07	1.48E-07	2.34E-07	4.12E-08	2.33E-07	1.30E-06
2658	490410.04	3858910.04	1.78E-03	1.73E-03	1.71E-03	6.15E-07	1.86E-06	1.07E-06	1.05E-06	9.50E-07	4.34E-07	4.28E-07	2.05E-08	4.96E-07	1.09E-07	1.42E-07	2.26E-07	3.98E-08	2.25E-07	1.26E-06
2659	490460.04	3858910.04	1.71E-03	1.67E-03	1.65E-03	5.93E-07	1.79E-06	1.04E-06	1.01E-06	9.17E-07	4.18E-07	4.13E-07	1.98E-08	4.78E-07	1.06E-07	1.37E-07	2.18E-07	3.84E-08	2.17E-07	1.21E-06
2660	490510.04	3858910.04	1.65E-03	1.61E-03	1.59E-03	5.71E-07	1.72E-06	9.98E-07	9.74E-07	8.83E-07	4.03E-07	3.97E-07	1.91E-08	4.60E-07	1.02E-07	1.32E-07	2.10E-07	3.70E-08	2.09E-07	1.17E-06
2661	490560.04	3858910.04	1.59E-03	1.55E-03	1.53E-03	5.49E-07	1.66E-06	9.60E-07	9.36E-07	8.49E-07	3.87E-07	3.82E-07	1.83E-08	4.43E-07	9.77E-08	1.27E-07	2.02E-07	3.55E-08	2.01E-07	1.12E-06
2662	490610.04	3858910.04	1.53E-03	1.49E-03	1.47E-03	5.28E-07	1.59E-06	9.23E-07	9.00E-07	8.16E-07	3.72E-07	3.68E-07	1.76E-08	4.26E-07	9.40E-08	1.22E-07	1.94E-07	3.42E-08	1.93E-07	1.08E-06
2663	490660.04	3858910.04	1.48E-03	1.44E-03	1.42E-03	5.11E-07	1.54E-06	8.93E-07	8.71E-07	7.90E-07	3.60E-07	3.56E-07	1.71E-08	4.12E-07	9.09E-08	1.18E-07	1.88E-07	3.31E-08	1.87E-07	1.05E-06
2664	490710.04	3858910.04	1.42E-03	1.39E-03	1.37E-03	4.93E-07	1.49E-06	8.61E-07	8.40E-07	7.62E-07	3.48E-07	3.43E-07	1.64E-08	3.97E-07	8.77E-08	1.14E-07	1.81E-07	3.19E-08	1.80E-07	1.01E-06
2665	490760.04	3858910.04	1.37E-03	1.33E-03	1.32E-03	4.73E-07	1.43E-06	8.27E-07	8.07E-07	7.32E-07	3.34E-07	3.30E-07	1.58E-08	3.82E-07	8.43E-08	1.10E-07	1.74E-07	3.06E-08	1.73E-07	9.69E-07
2666	490810.04	3858910.04	1.33E-03	1.29E-03	1.28E-03	4.59E-07	1.39E-06	8.02E-07	7.83E-07	7.09E-07	3.24E-07	3.19E-07	1.53E-08	3.70E-07	8.17E-08	1.06E-07	1.69E-07	2.97E-08	1.68E-07	9.39E-07
2667	490860.04	3858910.04	1.28E-03	1.24E-03	1.23E-03	4.41E-07	1.33E-06	7.72E-07	7.53E-07	6.83E-07	3.11E-07	3.07E-07	1.47E-08	3.56E-07	7.86E-08	1.02E-07	1.62E-07	2.86E-08	1.61E-07	9.04E-07
2668	490360.04	3858960.04	1.93E-03	1.88E-03	1.86E-03	6.69E-07	2.02E-06	1.17E-06	1.14E-06	1.03E-06	4.72E-07	4.65E-07	2.23E-08	5.39E-07	1.19E-07	1.55E-07	2.46E-07	4.33E-08	2.44E-07	1.37E-06
2669	490410.04	3858960.04	1.85E-03	1.81E-03	1.79E-03	6.42E-07	1.94E-06	1.12E-06	1.09E-06	9.93E-07	4.53E-07	4.47E-07	2.14E-08	5.18E-07	1.14E-07	1.49E-07	2.36E-07	4.16E-08	2.35E-07	1.31E-06
2670	490460.04	3858960.04	1.78E-03	1.73E-03	1.71E-03	6.15E-07	1.86E-06	1.08E-06	1.05E-06	9.52E-07	4.34E-07	4.28E-07	2.05E-08	4.96E-07	1.10E-07	1.43E-07	2.26E-07	3.98E-08	2.25E-07	1.26E-06
2671	490510.04	3858960.04	1.71E-03	1.67E-03	1.65E-03	5.92E-07	1.79E-06	1.03E-06	1.01E-06	9.15E-07	4.17E-07	4.12E-07	1.98E-08	4.77E-07	1.05E-07	1.37E-07	2.17E-07	3.83E-08	2.16E-07	1.21E-06
2672	490560.04	3858960.04	1.64E-03	1.61E-03	1.58E-03	5.69E-07	1.72E-06	9.95E-07	9.71E-07	8.80E-07	4.02E-07	3.96E-07	1.90E-08	4.59E-07	1.01E-07	1.32E-07	2.09E-07	3.69E-08	2.08E-07	1.17E-06
2673	490610.04	3858960.04	1.57E-03	1.54E-03	1.51E-03	5.45E-07	1.64E-06	9.52E-07	9.29E-07	8.42E-07	3.84E-07	3.79E-07	1.82E-08	4.39E-07	9.69E-08	1.26E-07	2.00E-07	3.53E-08	1.99E-07	1.11E-06
2674	490660.04	3858960.04	1.53E-03	1.49E-03	1.47E-03	5.29E-07	1.60E-06	9.25E-07	9.03E-07	8.18E-07	3.73E-07	3.68E-07	1.77E-08	4.27E-07	9.42E-08	1.23E-07	1.94E-07	3.43E-08	1.93E-07	1.08E-06
2675	490710.04	3858960.04	1.46E-03	1.43E-03	1.41E-03	5.07E-07	1.53E-06	8.86E-07	8.65E-07	7.84E-07	3.58E-07	3.53E-07	1.69E-08	4.09E-07	9.02E-08	1.17E-07	1.86E-07	3.28E-08	1.85E-07	1.04E-06
2676	490760.04	3858960.04	1.41E-03	1.37E-03	1.36E-03	4.88E-07	1.47E-06	8.52E-07	8.32E-07	7.54E-07	3.44E-07	3.40E-07	1.63E-08	3.93E-07	8.68E-08	1.13E-07	1.79E-07	3.16E-08	1.78E-07	9.98E-07
2677	490810.04	3858960.04	1.36E-03	1.32E-03	1.31E-03	4.70E-07	1.42E-06	8.21E-07	8.01E-07	7.26E-07	3.31E-07	3.27E-07	1.57E-08	3.79E-07	8.36E-08	1.09E-07	1.73E-07	3.04E-08	1.72E-07	9.61E-07
2678	490860.04	3858960.04	1.30E-03	1.27E-03	1.25E-03	4.51E-07	1.36E-06	7.88E-07	7.69E-07	6.97E-07	3.18E-07	3.14E-07	1.50E-08	3.64E-07	8.02E-08	1.04E-07	1.66E-07	2.92E-08	1.65E-07	9.23E-07
2679	490360.04	3859010.04	2.04E-03	1.99E-03	1.96E-03	7.05E-07	2.13E-06	1.23E-06	1.20E-06	1.09E-06	4.97E-07	4.91E-07	2.35E-08	5.68E-07	1.25E-07	1.63E-07	2.59E-07	4.56E-08	2.57E-07	1.44E-06
2680	490410.04	3859010.04	1.94E-03	1.90E-03	1.87E-03	6.73E-07	2.03E-06	1.18E-06	1.15E-06	1.04E-06	4.75E-07	4.68E-07	2.25E-08	5.43E-07	1.20E-07	1.56E-07	2.47E-07	4.36E-08	2.46E-07	1.38E-06
2681	490460.04	3859010.04	1.85E-03	1.80E-03	1.78E-03	6.40E-07	1.93E-06	1.12E-06	1.09E-06	9.89E-07	4.51E-07	4.45E-07	2.14E-08	5.16E-07	1.14E-07	1.48E-07	2.35E-07	4.14E-08	2.34E-07	1.31E-06
2682	490510.04	3859010.04	1.76E-03	1.72E-03	1.69E-03	6.09E-07	1.84E-06	1.06E-06	1.04E-06	9.42E-07	4.30E-07	4.24E-07	2.03E-08	4.91E-07	1.08E-07	1.41E-07	2.24E-07	3.94E-08	2.23E-07	1.25E-06
2683	490560.04	3859010.04	1.70E-03	1.66E-03	1.64E-03	5.89E-07	1.78E-06	1.03E-06	1.00E-06	9.10E-07	4.15E-07	4.10E-07	1.97E-08	4.75E-07	1.05E-07	1.36E-07	2.16E-07	3.81E-08	2.15E-07	1.21E-06
2684	490610.04	3859010.04	1.62E-03	1.58E-03	1.56E-03	5.62E-07	1.70E-06	9.83E-07	9.59E-07	8.69E-07	3.97E-07	3.91E-07	1.88E-08	4.54E-07	1.00E-07	1.30E-07	2.07E-07	3.64E-08	2.05E-07	1.15E-06
2685	490660.04	3859010.04	1.58E-03	1.54E-03	1.52E-03	5.46E-07	1.65E-06	9.55E-07	9.32E-07	8.44E-07	3.85E-07	3.80E-07	1.82E-08	4.41E-07	9.72E-08	1.26E-07	2.01E-07	3.54E-08	2.00E-07	1.12E-06
2686	490710.04	3859010.04	1.51E-03	1.47E-03	1.45E-03	5.22E-07	1.57E-06	9.12E-07	8.90E-07	8.07E-07	3.68E-07	3.63E-07	1.74E-08	4.21E-07	9.28E-08	1.21E-07	1.92E-07	3.38E-08	1.91E-07	1.07E-06
2687	490760.04	3859010.04	1.45E-03	1.41E-03	1.39E-03	5.00E-07	1.51E-06	8.75E-07	8.53E-07	7.74E-07	3.53E-07	3.48E-07	1.67E-08	4.04E-07	8.91E-08	1.16E-07	1.84E-07	3.24E-08	1.83E-07	1.02E-06
2688	490810.04	3859010.04	1.39E-03	1.35E-03	1.34E-03	4.80E-07	1.45E-06	8.39E-07	8.19E-07	7.42E-07	3.39E-07	3.34E-07	1.60E-08	3.87E-07	8.55E-08	1.11E-07	1.76E-07	3.11E-08	1.75E-07	9.83E-07

2689	490860.04	3859010.04	1.34E-03	1.30E-03	1.29E-03	4.62E-07	1.40E-06	8.08E-07	7.89E-07	7.15E-07	3.26E-07	3.22E-07	1.54E-08	3.73E-07	8.23E-08	1.07E-07	1.70E-07	2.99E-08	1.69E-07	9.47E-07
2690	490360.04	3859060.04	2.15E-03	2.10E-03	2.07E-03	7.43E-07	2.24E-06	1.30E-06	1.27E-06	1.15E-06	5.24E-07	5.17E-07	2.48E-08	5.99E-07	1.32E-07	1.72E-07	2.73E-07	4.81E-08	2.72E-07	1.52E-06
2691	490410.04	3859060.04	2.03E-03	1.98E-03	1.95E-03	7.01E-07	2.12E-06	1.23E-06	1.20E-06	1.08E-06	4.95E-07	4.88E-07	2.34E-08	5.65E-07	1.25E-07	1.62E-07	2.58E-07	4.54E-08	2.56E-07	1.43E-06
2692	490460.04	3859060.04	1.93E-03	1.88E-03	1.85E-03	6.67E-07	2.01E-06	1.17E-06	1.14E-06	1.03E-06	4.70E-07	4.64E-07	2.23E-08	5.38E-07	1.19E-07	1.54E-07	2.45E-07	4.32E-08	2.44E-07	1.36E-06
2693	490510.04	3859060.04	1.84E-03	1.79E-03	1.77E-03	6.37E-07	1.92E-06	1.11E-06	1.09E-06	9.84E-07	4.49E-07	4.43E-07	2.13E-08	5.14E-07	1.13E-07	1.47E-07	2.34E-07	4.12E-08	2.33E-07	1.30E-06
2694	490560.04	3859060.04	1.75E-03	1.71E-03	1.68E-03	6.06E-07	1.83E-06	1.06E-06	1.03E-06	9.36E-07	4.27E-07	4.22E-07	2.02E-08	4.89E-07	1.08E-07	1.40E-07	2.22E-07	3.92E-08	2.21E-07	1.24E-06
2695	490610.04	3859060.04	1.68E-03	1.64E-03	1.62E-03	5.83E-07	1.76E-06	1.02E-06	9.94E-07	9.01E-07	4.11E-07	4.06E-07	1.95E-08	4.70E-07	1.04E-07	1.35E-07	2.14E-07	3.77E-08	2.13E-07	1.19E-06
2696	490660.04	3859060.04	1.62E-03	1.58E-03	1.56E-03	5.62E-07	1.70E-06	9.83E-07	9.59E-07	8.69E-07	3.97E-07	3.91E-07	1.88E-08	4.53E-07	1.00E-07	1.30E-07	2.07E-07	3.64E-08	2.05E-07	1.15E-06
2697	490710.04	3859060.04	1.55E-03	1.51E-03	1.49E-03	5.36E-07	1.62E-06	9.37E-07	9.14E-07	8.28E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.54E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
2698	490760.04	3859060.04	1.48E-03	1.45E-03	1.43E-03	5.13E-07	1.55E-06	8.96E-07	8.75E-07	7.93E-07	3.62E-07	3.57E-07	1.71E-08	4.14E-07	9.13E-08	1.19E-07	1.88E-07	3.32E-08	1.87E-07	1.05E-06
2699	490810.04	3859060.04	1.42E-03	1.38E-03	1.37E-03	4.91E-07	1.48E-06	8.59E-07	8.38E-07	7.60E-07	3.47E-07	3.42E-07	1.64E-08	3.96E-07	8.74E-08	1.14E-07	1.80E-07	3.18E-08	1.79E-07	1.01E-06
2700	490860.04	3859060.04	1.36E-03	1.33E-03	1.31E-03	4.72E-07	1.43E-06	8.26E-07	8.06E-07	7.30E-07	3.33E-07	3.29E-07	1.58E-08	3.81E-07	8.41E-08	1.09E-07	1.74E-07	3.06E-08	1.73E-07	9.67E-07
2701	490360.04	3859110.04	2.29E-03	2.24E-03	2.21E-03	7.93E-07	2.39E-06	1.39E-06	1.35E-06	1.23E-06	5.59E-07	5.52E-07	2.65E-08	6.40E-07	1.41E-07	1.84E-07	2.91E-07	5.13E-08	2.90E-07	1.62E-06
2702	490410.04	3859110.04	2.15E-03	2.10E-03	2.07E-03	7.45E-07	2.25E-06	1.30E-06	1.27E-06	1.15E-06	5.25E-07	5.18E-07	2.49E-08	6.01E-07	1.33E-07	1.72E-07	2.74E-07	4.82E-08	2.72E-07	1.52E-06
2703	490460.04	3859110.04	2.05E-03	2.00E-03	1.97E-03	7.09E-07	2.14E-06	1.24E-06	1.21E-06	1.10E-06	5.00E-07	4.93E-07	2.37E-08	5.72E-07	1.26E-07	1.64E-07	2.60E-07	4.59E-08	2.59E-07	1.45E-06
2704	490510.04	3859110.04	1.91E-03	1.87E-03	1.84E-03	6.63E-07	2.00E-06	1.16E-06	1.13E-06	1.02E-06	4.67E-07	4.61E-07	2.21E-08	5.34E-07	1.18E-07	1.53E-07	2.43E-07	4.29E-08	2.42E-07	1.36E-06
2705	490560.04	3859110.04	1.82E-03	1.78E-03	1.76E-03	6.31E-07	1.91E-06	1.10E-06	1.08E-06	9.76E-07	4.45E-07	4.39E-07	2.11E-08	5.09E-07	1.12E-07	1.46E-07	2.32E-07	4.09E-08	2.31E-07	1.29E-06
2706	490610.04	3859110.04	1.73E-03	1.69E-03	1.67E-03	6.00E-07	1.81E-06	1.05E-06	1.02E-06	9.28E-07	4.24E-07	4.18E-07	2.00E-08	4.84E-07	1.07E-07	1.39E-07	2.21E-07	3.89E-08	2.19E-07	1.23E-06
2707	490660.04	3859110.04	1.65E-03	1.61E-03	1.59E-03	5.70E-07	1.72E-06	9.96E-07	9.72E-07	8.81E-07	4.02E-07	3.97E-07	1.90E-08	4.60E-07	1.01E-07	1.32E-07	2.09E-07	3.69E-08	2.08E-07	1.17E-06
2708	490710.04	3859110.04	1.59E-03	1.55E-03	1.53E-03	5.49E-07	1.66E-06	9.60E-07	9.36E-07	8.49E-07	3.87E-07	3.82E-07	1.83E-08	4.43E-07	9.77E-08	1.27E-07	2.02E-07	3.55E-08	2.01E-07	1.12E-06
2709	490760.04	3859110.04	1.52E-03	1.48E-03	1.46E-03	5.26E-07	1.59E-06	9.20E-07	8.97E-07	8.13E-07	3.71E-07	3.66E-07	1.76E-08	4.24E-07	9.36E-08	1.22E-07	1.93E-07	3.41E-08	1.92E-07	1.08E-06
2710	490810.04	3859110.04	1.45E-03	1.42E-03	1.40E-03	5.03E-07	1.52E-06	8.78E-07	8.57E-07	7.77E-07	3.55E-07	3.50E-07	1.68E-08	4.05E-07	8.94E-08	1.16E-07	1.85E-07	3.25E-08	1.84E-07	1.03E-06
2711	490860.04	3859110.04	1.39E-03	1.36E-03	1.34E-03	4.81E-07	1.45E-06	8.41E-07	8.21E-07	7.44E-07	3.39E-07	3.35E-07	1.61E-08	3.88E-07	8.56E-08	1.11E-07	1.77E-07	3.11E-08	1.76E-07	9.85E-07
2712	490360.04	3859160.04	2.47E-03	2.41E-03	2.38E-03	8.55E-07	2.58E-06	1.49E-06	1.46E-06	1.32E-06	6.03E-07	5.95E-07	2.85E-08	6.89E-07	1.52E-07	1.98E-07	3.14E-07	5.53E-08	3.12E-07	1.75E-06
2713	490410.04	3859160.04	2.31E-03	2.26E-03	2.23E-03	8.01E-07	2.42E-06	1.40E-06	1.37E-06	1.24E-06	5.65E-07	5.57E-07	2.67E-08	6.46E-07	1.43E-07	1.85E-07	2.94E-07	5.18E-08	2.93E-07	1.64E-06
2714	490460.04	3859160.04	2.18E-03	2.13E-03	2.10E-03	7.54E-07	2.28E-06	1.32E-06	1.29E-06	1.17E-06	5.32E-07	5.25E-07	2.52E-08	6.08E-07	1.34E-07	1.75E-07	2.77E-07	4.88E-08	2.76E-07	1.54E-06
2715	490510.04	3859160.04	2.05E-03	2.00E-03	1.98E-03	7.11E-07	2.15E-06	1.24E-06	1.21E-06	1.10E-06	5.01E-07	4.95E-07	2.37E-08	5.73E-07	1.27E-07	1.65E-07	2.61E-07	4.60E-08	2.60E-07	1.45E-06
2716	490560.04	3859160.04	1.93E-03	1.88E-03	1.85E-03	6.67E-07	2.01E-06	1.17E-06	1.14E-06	1.03E-06	4.70E-07	4.64E-07	2.23E-08	5.38E-07	1.19E-07	1.54E-07	2.45E-07	4.32E-08	2.44E-07	1.36E-06
2717	490610.04	3859160.04	1.83E-03	1.79E-03	1.77E-03	6.35E-07	1.92E-06	1.11E-06	1.08E-06	9.82E-07	4.48E-07	4.42E-07	2.12E-08	5.12E-07	1.13E-07	1.47E-07	2.33E-07	4.11E-08	2.32E-07	1.30E-06
2718	490660.04	3859160.04	1.70E-03	1.66E-03	1.64E-03	5.90E-07	1.78E-06	1.03E-06	1.01E-06	9.12E-07	4.16E-07	4.11E-07	1.97E-08	4.76E-07	1.05E-07	1.37E-07	2.17E-07	3.82E-08	2.16E-07	1.21E-06
2719	490710.04	3859160.04	1.64E-03	1.60E-03	1.58E-03	5.66E-07	1.71E-06	9.90E-07	9.66E-07	8.76E-07	4.00E-07	3.94E-07	1.89E-08	4.57E-07	1.01E-07	1.31E-07	2.08E-07	3.67E-08	2.07E-07	1.16E-06
2720	490760.04	3859160.04	1.55E-03	1.51E-03	1.49E-03	5.36E-07	1.62E-06	9.37E-07	9.14E-07	8.28E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.54E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
2721	490810.04	3859160.04	1.49E-03	1.45E-03	1.43E-03	5.16E-07	1.56E-06	9.01E-07	8.79E-07	7.97E-07	3.64E-07	3.59E-07	1.72E-08	4.16E-07	9.18E-08	1.19E-07	1.89E-07	3.34E-08	1.88E-07	1.06E-06
2722	490860.04	3859160.04	1.43E-03	1.40E-03	1.38E-03	4.96E-07	1.50E-06	8.67E-07	8.46E-07	7.67E-07	3.50E-07	3.45E-07	1.66E-08	4.00E-07	8.82E-08	1.15E-07	1.82E-07	3.21E-08	1.81E-07	1.01E-06
2723	490360.04	3859210.04	2.68E-03	2.62E-03	2.58E-03	9.29E-07	2.80E-06	1.62E-06	1.58E-06	1.44E-06	6.55E-07	6.47E-07	3.10E-08	7.49E-07	1.65E-07	2.15E-07	3.41E-07	6.01E-08	3.39E-07	1.90E-06
2724	490410.04	3859210.04	2.54E-03	2.48E-03	2.45E-03	8.79E-07	2.65E-06	1.54E-06	1.50E-06	1.36E-06	6.20E-07	6.12E-07	2.94E-08	7.09E-07	1.56E-07	2.04E-07	3.23E-07	5.69E-08	3.21E-07	1.80E-06
2725	490460.04	3859210.04	2.34E-03	2.28E-03	2.25E-03	8.09E-07	2.44E-06	1.41E-06	1.38E-06	1.25E-06	5.71E-07	5.63E-07	2.70E-08	6.53E-07	1.44E-07	1.87E-07	2.97E-07	5.24E-08	2.96E-07	1.66E-06
2726	490510.04	3859210.04	2.19E-03	2.14E-03	2.11E-03	7.58E-07	2.29E-06	1.32E-06	1.29E-06	1.17E-06	5.34E-07	5.27E-07	2.53E-08	6.11E-07	1.35E-07	1.75E-07	2.78E-07	4.90E-08	2.77E-07	1.55E-06
2727	490560.04	3859210.04	2.08E-03	2.03E-03	2.00E-03	7.19E-07	2.17E-06	1.26E-06	1.23E-06	1.11E-06	5.07E-07	5.00E-07	2.40E-08	5.80E-07	1.28E-07	1.66E-07	2.64E-07	4.65E-08	2.63E-07	1.47E-06
2728	490610.04	3859210.04	1.96E-03	1.91E-03	1.88E-03	6.77E-07	2.04E-06	1.18E-06	1.15E-06	1.05E-06	4.78E-07	4.71E-07	2.26E-08	5.46E-07	1.20E-07	1.57E-07	2.49E-07	4.38E-08	2.47E-07	1.39E-06
2729	490660.04	3859210.04	1.82E-03	1.77E-03	1.75E-03	6.29E-07	1.90E-06	1.10E-06	1.07E-06	9.73E-07	4.44E-07	4.38E-07	2.10E-08	5.07E-07	1.12E-07	1.46E-07	2.31E-07	4.07E-08	2.30E-07	1.29E-06
2730	490710.04	3859210.04	1.72E-03	1.68E-03	1.66E-03	5.97E-07	1.80E-06	1.04E-06	1.02E-06	9.23E-07	4.21E-07	4.16E-07	1.99E-08	4.81E-07	1.06E-07	1.38E-07	2.19E-07	3.86E-08	2.18E-07	1.22E-06
2731	490760.04	3859210.04	1.63E-03	1.59E-03	1.57E-03	5.65E-07	1.71E-06	9.88E-07	9.64E-07	8.74E-07	3.99E-07	3.93E-07	1.89E-08	4.56E-07	1.01E-07	1.31E-07	2.08E-07	3.66E-08	2.06E-07	1.16E-06
2732	490810.04	3859210.04	1.59E-03	1.55E-03	1.53E-03	5.49E-07	1.66E-06	9.60E-07	9.37E-07	8.49E-07	3.87E-07	3.82E-07	1.83E-08	4.43E-07	9.77E-08	1.27E-07	2.02E-07	3.56E-08	2.01E-07	1.12E-06
2733	490860.04	3859210.04	1.54E-03	1.50E-03	1.48E-03	5.34E-07	1.61E-06	9.33E-07	9.10E-07	8.25E-07	3.77E-07	3.72E-07	1.78E-08	4.30E-07	9.50E-08	1.24E-07	1.96E-07	3.46E-08	1.95E-07	1.09E-06
2734	490360.04	3859260.04	2.92E-03	2.85E-03	2.81E-03	1.01E-06	3.06E-06	1.77E-06	1.73E-06	1.56E-06	7.14E-07	7.04E-07	3.38E-08	8.16E-07	1.80E-07	2.34E-07	3.72E-07	6.55E-08	3.70E-07	2.07E-06
2735	490410.04	3859260.04	2.74E-03	2.67E-03	2.64E-03	9.48E-07	2.86E-06	1.66E-06	1.62E-06	1.47E-06	6.69E-07	6.60E-07	3.17E-08	7.65E-07	1.69E-07	2.20E-07	3.48E-07	6.14E-08	3.46E-07	1.94E-06
2736	490460.04	3859260.04	2.59E-03	2.52E-03	2.49E-03	8.96E-07	2.70E-06	1.57E-06	1.53E-06	1.38E-06	6.32E-07	6.23E-07	2.99E-08	7.22E-07	1.59E-07	2.07E-07	3.29E-07	5.80E-08	3.27E-07	1.83E-06
2737	490510.04	3859260.04	2.44E-03	2.39E-03	2.35E-03	8.46E-07	2.55E-06	1.48E-06	1.44E-06	1.31E-06	5.97E-07	5.89E-07	2.83E-08	6.83E-07	1.51E-07	1.96E-07	3.11E-07	5.48E-08	3.09E-07	1.73E-06
2738	490560.04	3859260.04	2.29E-03	2.23E-03	2.20E-03	7.93E-07	2.39E-06	1.39E-06	1.35E-06	1.23E-06	5.59E-07	5.52E-07	2.65E-08	6.39E-07	1.41E-07	1.84E-07	2.91E-07	5.13E-08	2.90E-07	1.62E-06
2739	490610.04	3859260.04	2.12E-03	2.07E-03	2.04E-03	7.33E-07	2.21E-06	1.28E-06	1.25E-06	1.13E-06	5.17E-07	5.10E-07	2.45E-08	5.91E-07	1.31E-07	1.70E-07	2.69E-07	4.75E-08	2.68E-07	1.50E-06
2740	490660.04	3859260.04	2.04E-03	1.99E-03	1.96E-03	7.06E-07	2.13E-06	1.23E-06	1.20E-06	1.09E-06	4.98E-07	4.91E-07	2.36E-08	5.69E-07	1.26E-07	1.63E-07	2.59E-07	4.57E-08	2.58E-07	1.45E-06
2741	490710.04	3859260.04	1.93E-03	1.88E-03	1.86E-03	6.69E-07	2.02E-06	1.17E-06	1.14E-06	1.03E-06	4.72E-07	4.65E-07	2.23E-08	5.39E-07	1.19E-07	1.55E-07	2.46E-07	4.33E-08	2.44E-07	1.37E-06
2742	490760.04	3859260.04	1.81E-03	1.77E-03	1.74E-03	6.27E-07	1.89E-06	1.10E-06	1.07E-06	9.69E-07	4.42E-07	4.36E-07	2.09E-08	5.06E-07	1.12E-07	1.45E-07	2.30E-07	4.06E-08	2.29E-07	1.28E-06
2743	490810.04	3859260.04	1.75E-03	1.70E-03	1.68E-03	6.04E-07	1.83E-06	1.06E-06	1.03E-06	9.35E-07	4.26E-07	4.21E-07	2.02E-08	4.88E-07	1.08E-07	1.40E-07	2.22E-07	3.91E-08	2.21E-07	1.24E-06

2744	490860.04	3859260.04	1.69E-03	1.65E-03	1.62E-03	5.84E-07	1.76E-06	1.02E-06	9.96E-07	9.03E-07	4.12E-07	4.06E-07	1.95E-08	4.71E-07	1.04E-07	1.35E-07	2.14E-07	3.78E-08	2.13E-07	1.20E-06
2745	490360.04	3859310.04	3.28E-03	3.20E-03	3.16E-03	1.14E-06	3.43E-06	1.99E-06	1.94E-06	1.76E-06	8.01E-07	7.91E-07	3.79E-08	9.16E-07	2.02E-07	2.63E-07	4.17E-07	7.35E-08	4.15E-07	2.32E-06
2746	490410.04	3859310.04	3.05E-03	2.98E-03	2.94E-03	1.06E-06	3.19E-06	1.85E-06	1.80E-06	1.63E-06	7.46E-07	7.36E-07	3.53E-08	8.53E-07	1.88E-07	2.45E-07	3.88E-07	6.85E-08	3.86E-07	2.16E-06
2747	490460.04	3859310.04	2.86E-03	2.79E-03	2.76E-03	9.91E-07	2.99E-06	1.73E-06	1.69E-06	1.53E-06	6.99E-07	6.90E-07	3.31E-08	7.99E-07	1.76E-07	2.29E-07	3.64E-07	6.42E-08	3.62E-07	2.03E-06
2748	490510.04	3859310.04	2.71E-03	2.64E-03	2.61E-03	9.37E-07	2.83E-06	1.64E-06	1.60E-06	1.45E-06	6.61E-07	6.53E-07	3.13E-08	7.56E-07	1.67E-07	2.17E-07	3.44E-07	6.07E-08	3.42E-07	1.92E-06
2749	490560.04	3859310.04	2.56E-03	2.50E-03	2.46E-03	8.86E-07	2.68E-06	1.55E-06	1.51E-06	1.37E-06	6.25E-07	6.17E-07	2.96E-08	7.15E-07	1.58E-07	2.05E-07	3.26E-07	5.74E-08	3.24E-07	1.81E-06
2750	490610.04	3859310.04	2.43E-03	2.37E-03	2.34E-03	8.42E-07	2.54E-06	1.47E-06	1.44E-06	1.30E-06	5.94E-07	5.86E-07	2.81E-08	6.80E-07	1.50E-07	1.95E-07	3.09E-07	5.45E-08	3.08E-07	1.72E-06
2751	490660.04	3859310.04	2.30E-03	2.24E-03	2.22E-03	7.96E-07	2.40E-06	1.39E-06	1.36E-06	1.23E-06	5.62E-07	5.54E-07	2.66E-08	6.42E-07	1.42E-07	1.84E-07	2.93E-07	5.16E-08	2.91E-07	1.63E-06
2752	490710.04	3859310.04	2.13E-03	2.08E-03	2.05E-03	7.37E-07	2.22E-06	1.29E-06	1.26E-06	1.14E-06	5.20E-07	5.13E-07	2.46E-08	5.94E-07	1.31E-07	1.71E-07	2.71E-07	4.77E-08	2.69E-07	1.51E-06
2753	490760.04	3859310.04	2.02E-03	1.97E-03	1.94E-03	6.98E-07	2.11E-06	1.22E-06	1.19E-06	1.08E-06	4.92E-07	4.86E-07	2.33E-08	5.63E-07	1.24E-07	1.62E-07	2.56E-07	4.52E-08	2.55E-07	1.43E-06
2754	490810.04	3859310.04	1.93E-03	1.89E-03	1.86E-03	6.70E-07	2.02E-06	1.17E-06	1.14E-06	1.04E-06	4.73E-07	4.66E-07	2.24E-08	5.40E-07	1.19E-07	1.55E-07	2.46E-07	4.34E-08	2.45E-07	1.37E-06
2755	490860.04	3859310.04	1.84E-03	1.80E-03	1.77E-03	6.38E-07	1.93E-06	1.12E-06	1.09E-06	9.87E-07	4.50E-07	4.44E-07	2.13E-08	5.15E-07	1.14E-07	1.48E-07	2.34E-07	4.13E-08	2.33E-07	1.31E-06
2756	490360.04	3859360.04	3.75E-03	3.65E-03	3.61E-03	1.30E-06	3.91E-06	2.27E-06	2.21E-06	2.00E-06	9.15E-07	9.02E-07	4.33E-08	1.05E-06	2.31E-07	3.00E-07	4.76E-07	8.39E-08	4.74E-07	2.65E-06
2757	490410.04	3859360.04	3.49E-03	3.41E-03	3.36E-03	1.21E-06	3.65E-06	2.11E-06	2.06E-06	1.87E-06	8.53E-07	8.42E-07	4.04E-08	9.76E-07	2.15E-07	2.80E-07	4.44E-07	7.83E-08	4.42E-07	2.48E-06
2758	490460.04	3859360.04	3.28E-03	3.20E-03	3.16E-03	1.13E-06	3.43E-06	1.98E-06	1.94E-06	1.75E-06	8.01E-07	7.90E-07	3.79E-08	9.15E-07	2.02E-07	2.63E-07	4.17E-07	7.35E-08	4.15E-07	2.32E-06
2759	490510.04	3859360.04	3.08E-03	3.01E-03	2.97E-03	1.07E-06	3.22E-06	1.87E-06	1.82E-06	1.65E-06	7.53E-07	7.43E-07	3.56E-08	8.61E-07	1.90E-07	2.47E-07	3.92E-07	6.91E-08	3.90E-07	2.18E-06
2760	490560.04	3859360.04	2.88E-03	2.81E-03	2.77E-03	9.97E-07	3.01E-06	1.74E-06	1.70E-06	1.54E-06	7.04E-07	6.94E-07	3.33E-08	8.04E-07	1.78E-07	2.31E-07	3.66E-07	6.46E-08	3.64E-07	2.04E-06
2761	490610.04	3859360.04	2.70E-03	2.64E-03	2.60E-03	9.35E-07	2.82E-06	1.63E-06	1.60E-06	1.45E-06	6.60E-07	6.51E-07	3.12E-08	7.54E-07	1.66E-07	2.17E-07	3.44E-07	6.06E-08	3.42E-07	1.91E-06
2762	490660.04	3859360.04	2.55E-03	2.49E-03	2.46E-03	8.84E-07	2.67E-06	1.54E-06	1.51E-06	1.37E-06	6.23E-07	6.15E-07	2.95E-08	7.13E-07	1.57E-07	2.05E-07	3.25E-07	5.72E-08	3.23E-07	1.81E-06
2763	490710.04	3859360.04	2.39E-03	2.33E-03	2.30E-03	8.27E-07	2.50E-06	1.45E-06	1.41E-06	1.28E-06	5.84E-07	5.76E-07	2.76E-08	6.67E-07	1.47E-07	1.92E-07	3.04E-07	5.36E-08	3.02E-07	1.69E-06
2764	490760.04	3859360.04	2.24E-03	2.18E-03	2.15E-03	7.75E-07	2.34E-06	1.35E-06	1.32E-06	1.20E-06	5.47E-07	5.39E-07	2.59E-08	6.25E-07	1.38E-07	1.79E-07	2.85E-07	5.02E-08	2.83E-07	1.59E-06
2765	490810.04	3859360.04	2.16E-03	2.10E-03	2.08E-03	7.47E-07	2.25E-06	1.30E-06	1.27E-06	1.15E-06	5.27E-07	5.20E-07	2.49E-08	6.02E-07	1.33E-07	1.73E-07	2.74E-07	4.83E-08	2.73E-07	1.53E-06
2766	490860.04	3859360.04	2.05E-03	2.00E-03	1.98E-03	7.11E-07	2.15E-06	1.24E-06	1.21E-06	1.10E-06	5.02E-07	4.95E-07	2.37E-08	5.74E-07	1.27E-07	1.65E-07	2.61E-07	4.60E-08	2.60E-07	1.46E-06
2767	490360.04	3859410.04	4.36E-03	4.25E-03	4.20E-03	1.51E-06	4.56E-06	2.64E-06	2.57E-06	2.33E-06	1.06E-06	1.05E-06	5.04E-08	1.22E-06	2.69E-07	3.50E-07	5.54E-07	9.77E-08	5.51E-07	3.09E-06
2768	490410.04	3859410.04	4.05E-03	3.95E-03	3.90E-03	1.40E-06	4.24E-06	2.45E-06	2.39E-06	2.17E-06	9.90E-07	9.76E-07	4.68E-08	1.13E-06	2.50E-07	3.25E-07	5.15E-07	9.08E-08	5.12E-07	2.87E-06
2769	490460.04	3859410.04	3.78E-03	3.69E-03	3.64E-03	1.31E-06	3.95E-06	2.29E-06	2.23E-06	2.02E-06	9.23E-07	9.10E-07	4.37E-08	1.05E-06	2.33E-07	3.03E-07	4.80E-07	8.47E-08	4.78E-07	2.68E-06
2770	490510.04	3859410.04	3.53E-03	3.44E-03	3.40E-03	1.22E-06	3.69E-06	2.14E-06	2.08E-06	1.89E-06	8.62E-07	8.51E-07	4.08E-08	9.86E-07	2.18E-07	2.83E-07	4.49E-07	7.91E-08	4.46E-07	2.50E-06
2771	490560.04	3859410.04	3.31E-03	3.23E-03	3.19E-03	1.15E-06	3.46E-06	2.00E-06	1.95E-06	1.77E-06	8.08E-07	7.97E-07	3.82E-08	9.24E-07	2.04E-07	2.65E-07	4.21E-07	7.42E-08	4.18E-07	2.34E-06
2772	490610.04	3859410.04	3.11E-03	3.03E-03	2.99E-03	1.08E-06	3.25E-06	1.88E-06	1.83E-06	1.66E-06	7.59E-07	7.49E-07	3.59E-08	8.68E-07	1.91E-07	2.49E-07	3.95E-07	6.97E-08	3.93E-07	2.20E-06
2773	490660.04	3859410.04	2.89E-03	2.82E-03	2.78E-03	9.99E-07	3.02E-06	1.75E-06	1.70E-06	1.54E-06	7.05E-07	6.95E-07	3.33E-08	8.06E-07	1.78E-07	2.31E-07	3.67E-07	6.47E-08	3.65E-07	2.04E-06
2774	490710.04	3859410.04	2.70E-03	2.63E-03	2.60E-03	9.34E-07	2.82E-06	1.63E-06	1.59E-06	1.44E-06	6.59E-07	6.50E-07	3.12E-08	7.54E-07	1.66E-07	2.16E-07	3.43E-07	6.05E-08	3.41E-07	1.91E-06
2775	490760.04	3859410.04	2.51E-03	2.45E-03	2.42E-03	8.69E-07	2.62E-06	1.52E-06	1.48E-06	1.34E-06	6.13E-07	6.05E-07	2.90E-08	7.01E-07	1.55E-07	2.01E-07	3.19E-07	5.63E-08	3.17E-07	1.78E-06
2776	490810.04	3859410.04	2.41E-03	2.35E-03	2.32E-03	8.33E-07	2.52E-06	1.46E-06	1.42E-06	1.29E-06	5.88E-07	5.80E-07	2.78E-08	6.72E-07	1.48E-07	1.93E-07	3.06E-07	5.39E-08	3.04E-07	1.71E-06
2777	490860.04	3859410.04	2.32E-03	2.27E-03	2.24E-03	8.04E-07	2.43E-06	1.41E-06	1.37E-06	1.24E-06	5.68E-07	5.60E-07	2.69E-08	6.49E-07	1.43E-07	1.86E-07	2.96E-07	5.21E-08	2.94E-07	1.65E-06
2778	490360.04	3859460.04	5.22E-03	5.09E-03	5.03E-03	1.81E-06	5.46E-06	3.16E-06	3.08E-06	2.79E-06	1.28E-06	1.26E-06	6.04E-08	1.46E-06	3.22E-07	4.19E-07	6.64E-07	1.17E-07	6.60E-07	3.70E-06
2779	490410.04	3859460.04	4.78E-03	4.66E-03	4.60E-03	1.65E-06	4.99E-06	2.89E-06	2.82E-06	2.56E-06	1.17E-06	1.15E-06	5.52E-08	1.33E-06	2.94E-07	3.83E-07	6.07E-07	1.07E-07	6.04E-07	3.38E-06
2780	490460.04	3859460.04	4.42E-03	4.32E-03	4.26E-03	1.53E-06	4.62E-06	2.68E-06	2.61E-06	2.37E-06	1.08E-06	1.07E-06	5.11E-08	1.24E-06	2.73E-07	3.55E-07	5.63E-07	9.91E-08	5.59E-07	3.13E-06
2781	490510.04	3859460.04	4.11E-03	4.01E-03	3.96E-03	1.42E-06	4.29E-06	2.49E-06	2.43E-06	2.20E-06	1.00E-06	9.90E-07	4.75E-08	1.15E-06	2.53E-07	3.29E-07	5.22E-07	9.21E-08	5.20E-07	2.91E-06
2782	490560.04	3859460.04	3.83E-03	3.74E-03	3.69E-03	1.33E-06	4.01E-06	2.32E-06	2.26E-06	2.05E-06	9.36E-07	9.23E-07	4.43E-08	1.07E-06	2.36E-07	3.07E-07	4.87E-07	8.59E-08	4.85E-07	2.72E-06
2783	490610.04	3859460.04	3.57E-03	3.48E-03	3.44E-03	1.24E-06	3.73E-06	2.16E-06	2.11E-06	1.91E-06	8.71E-07	8.60E-07	4.12E-08	9.96E-07	2.20E-07	2.86E-07	4.54E-07	8.00E-08	4.51E-07	2.53E-06
2784	490660.04	3859460.04	3.32E-03	3.24E-03	3.20E-03	1.15E-06	3.47E-06	2.01E-06	1.96E-06	1.78E-06	8.11E-07	8.01E-07	3.84E-08	9.28E-07	2.05E-07	2.66E-07	4.23E-07	7.45E-08	4.20E-07	2.35E-06
2785	490710.04	3859460.04	3.12E-03	3.04E-03	3.00E-03	1.08E-06	3.26E-06	1.89E-06	1.84E-06	1.67E-06	7.62E-07	7.52E-07	3.61E-08	8.71E-07	1.92E-07	2.50E-07	3.97E-07	6.99E-08	3.95E-07	2.21E-06
2786	490760.04	3859460.04	2.92E-03	2.85E-03	2.82E-03	1.01E-06	3.06E-06	1.77E-06	1.73E-06	1.57E-06	7.14E-07	7.05E-07	3.38E-08	8.17E-07	1.80E-07	2.34E-07	3.72E-07	6.56E-08	3.70E-07	2.07E-06
2787	490810.04	3859460.04	2.75E-03	2.68E-03	2.65E-03	9.52E-07	2.87E-06	1.66E-06	1.62E-06	1.47E-06	6.71E-07	6.62E-07	3.18E-08	7.68E-07	1.69E-07	2.20E-07	3.50E-07	6.16E-08	3.48E-07	1.95E-06
2788	490860.04	3859460.04	2.63E-03	2.57E-03	2.53E-03	9.10E-07	2.75E-06	1.59E-06	1.55E-06	1.41E-06	6.42E-07	6.34E-07	3.04E-08	7.34E-07	1.62E-07	2.11E-07	3.34E-07	5.89E-08	3.33E-07	1.86E-06
2789	490360.04	3859510.04	6.53E-03	6.37E-03	6.29E-03	2.26E-06	6.83E-06	3.95E-06	3.86E-06	3.50E-06	1.59E-06	1.57E-06	7.55E-08	1.82E-06	4.02E-07	5.24E-07	8.30E-07	1.46E-07	8.26E-07	4.63E-06
2790	490410.04	3859510.04	5.91E-03	5.77E-03	5.69E-03	2.05E-06	6.18E-06	3.58E-06	3.49E-06	3.16E-06	1.44E-06	1.42E-06	6.83E-08	1.65E-06	3.64E-07	4.74E-07	7.52E-07	1.32E-07	7.48E-07	4.19E-06
2791	490460.04	3859510.04	5.37E-03	5.24E-03	5.17E-03	1.86E-06	5.61E-06	3.25E-06	3.17E-06	2.87E-06	1.31E-06	1.29E-06	6.20E-08	1.50E-06	3.31E-07	4.30E-07	6.82E-07	1.20E-07	6.79E-07	3.80E-06
2792	490510.04	3859510.04	4.93E-03	4.81E-03	4.74E-03	1.71E-06	5.15E-06	2.98E-06	2.91E-06	2.64E-06	1.20E-06	1.19E-06	5.70E-08	1.38E-06	3.04E-07	3.95E-07	6.27E-07	1.10E-07	6.23E-07	3.49E-06
2793	490560.04	3859510.04	4.55E-03	4.44E-03	4.38E-03	1.57E-06	4.75E-06	2.75E-06	2.69E-06	2.43E-06	1.11E-06	1.10E-06	5.26E-08	1.27E-06	2.80E-07	3.65E-07	5.78E-07	1.02E-07	5.75E-07	3.22E-06
2794	490610.04	3859510.04	4.20E-03	4.10E-03	4.05E-03	1.45E-06	4.39E-06	2.54E-06	2.48E-06	2.25E-06	1.03E-06	1.01E-06	4.86E-08	1.17E-06	2.59E-07	3.37E-07	5.34E-07	9.42E-08	5.31E-07	2.98E-06
2795	490660.04	3859510.04	3.90E-03	3.80E-03	3.75E-03	1.35E-06	4.07E-06	2.36E-06	2.30E-06	2.09E-06	9.52E-07	9.39E-07	4.50E-08	1.09E-06	2.40E-07	3.12E-07	4.95E-07	8.73E-08	4.93E-07	2.76E-06
2796	490710.04	3859510.04	3.62E-03	3.53E-03	3.48E-03	1.25E-06	3.78E-06	2.19E-06	2.14E-06	1.94E-06	8.84E-07	8.72E-07	4.18E-08	1.01E-06	2.23E-07	2.90E-07	4.60E-07	8.11E-08	4.58E-07	2.56E-06
2797	490760.04	3859510.04	3.38E-03	3.30E-03	3.25E-03	1.17E-06	3.53E-06	2.04E-06	1.99E-06	1.81E-06	8.25E-07	8.14E-07	3.91E-08	9.43E-07	2.08E-07	2.71E-07	4.30E-07	7.57E-08	4.27E-07	2.39E-06
2798	490810.04	3859510.04	3.18E-03	3.10E-03	3.06E-03	1.10E-06	3.33E-06	1.92E-06	1.88E-06	1.70E-06	7.77E-07	7.67E-07	3.68E-08	8.88E-07	1.96E-07	2.55E-07	4.05E-07	7.13E-08	4.02E-07	2.25E-06

2799	490860.04	3859510.04	2.99E-03	2.92E-03	2.88E-03	1.04E-06	3.13E-06	1.81E-06	1.77E-06	1.60E-06	7.31E-07	7.21E-07	3.46E-08	8.35E-07	1.84E-07	2.40E-07	3.81E-07	6.71E-08	3.78E-07	2.12E-06
2800	490360.04	3859560.04	8.69E-03	8.48E-03	8.37E-03	3.01E-06	9.09E-06	5.26E-06	5.13E-06	4.65E-06	2.12E-06	2.10E-06	1.00E-07	2.43E-06	5.36E-07	6.97E-07	1.11E-06	1.95E-07	1.10E-06	6.16E-06
2801	490410.04	3859560.04	7.71E-03	7.52E-03	7.42E-03	2.67E-06	8.05E-06	4.66E-06	4.55E-06	4.12E-06	1.88E-06	1.86E-06	8.91E-08	2.15E-06	4.75E-07	6.18E-07	9.80E-07	1.73E-07	9.74E-07	5.46E-06
2802	490460.04	3859560.04	6.88E-03	6.71E-03	6.62E-03	2.38E-06	7.19E-06	4.16E-06	4.06E-06	3.68E-06	1.68E-06	1.66E-06	7.95E-08	1.92E-06	4.24E-07	5.51E-07	8.75E-07	1.54E-07	8.70E-07	4.87E-06
2803	490510.04	3859560.04	6.14E-03	5.99E-03	5.91E-03	2.13E-06	6.42E-06	3.72E-06	3.63E-06	3.29E-06	1.50E-06	1.48E-06	7.10E-08	1.71E-06	3.78E-07	4.92E-07	7.81E-07	1.38E-07	7.77E-07	4.35E-06
2804	490560.04	3859560.04	5.59E-03	5.46E-03	5.38E-03	1.94E-06	5.84E-06	3.38E-06	3.30E-06	2.99E-06	1.37E-06	1.35E-06	6.46E-08	1.56E-06	3.45E-07	4.48E-07	7.11E-07	1.25E-07	7.07E-07	3.96E-06
2805	490610.04	3859560.04	5.10E-03	4.98E-03	4.91E-03	1.77E-06	5.33E-06	3.09E-06	3.01E-06	2.73E-06	1.25E-06	1.23E-06	5.90E-08	1.42E-06	3.14E-07	4.09E-07	6.49E-07	1.14E-07	6.45E-07	3.61E-06
2806	490660.04	3859560.04	4.68E-03	4.57E-03	4.51E-03	1.62E-06	4.89E-06	2.83E-06	2.76E-06	2.51E-06	1.14E-06	1.13E-06	5.41E-08	1.31E-06	2.88E-07	3.75E-07	5.95E-07	1.05E-07	5.92E-07	3.32E-06
2807	490710.04	3859560.04	4.31E-03	4.20E-03	4.15E-03	1.49E-06	4.50E-06	2.61E-06	2.54E-06	2.30E-06	1.05E-06	1.04E-06	4.98E-08	1.20E-06	2.65E-07	3.45E-07	5.48E-07	9.65E-08	5.45E-07	3.05E-06
2808	490760.04	3859560.04	3.95E-03	3.86E-03	3.81E-03	1.37E-06	4.13E-06	2.39E-06	2.33E-06	2.12E-06	9.66E-07	9.53E-07	4.57E-08	1.10E-06	2.44E-07	3.17E-07	5.03E-07	8.86E-08	5.00E-07	2.80E-06
2809	490810.04	3859560.04	3.67E-03	3.58E-03	3.54E-03	1.27E-06	3.84E-06	2.22E-06	2.17E-06	1.97E-06	8.97E-07	8.85E-07	4.25E-08	1.03E-06	2.26E-07	2.94E-07	4.67E-07	8.23E-08	4.64E-07	2.60E-06
2810	490860.04	3859560.04	3.42E-03	3.34E-03	3.29E-03	1.18E-06	3.57E-06	2.07E-06	2.02E-06	1.83E-06	8.35E-07	8.24E-07	3.95E-08	9.55E-07	2.11E-07	2.74E-07	4.35E-07	7.66E-08	4.32E-07	2.42E-06
2811	490187.25	3859422.08	6.24E-03	6.09E-03	6.01E-03	2.16E-06	6.53E-06	3.78E-06	3.69E-06	3.34E-06	1.52E-06	1.50E-06	7.22E-08	1.74E-06	3.85E-07	5.01E-07	7.94E-07	1.40E-07	7.90E-07	4.42E-06
2812	490237.25	3859422.08	5.64E-03	5.51E-03	5.44E-03	1.95E-06	5.90E-06	3.42E-06	3.33E-06	3.02E-06	1.38E-06	1.36E-06	6.53E-08	1.58E-06	3.48E-07	4.53E-07	7.18E-07	1.27E-07	7.14E-07	4.00E-06
2813	490287.25	3859422.08	5.14E-03	5.02E-03	4.95E-03	1.78E-06	5.38E-06	3.11E-06	3.04E-06	2.75E-06	1.26E-06	1.24E-06	5.95E-08	1.44E-06	3.17E-07	4.12E-07	6.54E-07	1.15E-07	6.51E-07	3.65E-06
2814	490337.25	3859422.08	4.70E-03	4.59E-03	4.53E-03	1.63E-06	4.92E-06	2.85E-06	2.78E-06	2.52E-06	1.15E-06	1.13E-06	5.44E-08	1.31E-06	2.90E-07	3.77E-07	5.98E-07	1.05E-07	5.95E-07	3.33E-06
2815	490187.25	3859472.08	7.87E-03	7.68E-03	7.57E-03	2.72E-06	8.22E-06	4.76E-06	4.64E-06	4.21E-06	1.92E-06	1.90E-06	9.09E-08	2.20E-06	4.85E-07	6.31E-07	1.00E-06	1.76E-07	9.95E-07	5.57E-06
2816	490237.25	3859472.08	7.01E-03	6.84E-03	6.75E-03	2.43E-06	7.33E-06	4.24E-06	4.14E-06	3.75E-06	1.71E-06	1.69E-06	8.10E-08	1.96E-06	4.32E-07	5.62E-07	8.91E-07	1.57E-07	8.86E-07	4.97E-06
2817	490287.25	3859472.08	6.29E-03	6.14E-03	6.06E-03	2.18E-06	6.57E-06	3.81E-06	3.71E-06	3.37E-06	1.54E-06	1.52E-06	7.27E-08	1.76E-06	3.88E-07	5.04E-07	8.00E-07	1.41E-07	7.96E-07	4.46E-06
2818	490337.25	3859472.08	5.72E-03	5.58E-03	5.51E-03	1.98E-06	5.98E-06	3.46E-06	3.38E-06	3.06E-06	1.40E-06	1.38E-06	6.61E-08	1.60E-06	3.52E-07	4.58E-07	7.27E-07	1.28E-07	7.23E-07	4.05E-06
2819	490297.07	3859500.42	7.08E-03	6.91E-03	6.82E-03	2.45E-06	7.40E-06	4.29E-06	4.18E-06	3.79E-06	1.73E-06	1.71E-06	8.19E-08	1.98E-06	4.36E-07	5.68E-07	9.01E-07	1.59E-07	8.96E-07	5.02E-06
2820	490327.07	3859500.42	6.67E-03	6.51E-03	6.42E-03	2.31E-06	6.97E-06	4.04E-06	3.94E-06	3.57E-06	1.63E-06	1.61E-06	7.71E-08	1.86E-06	4.11E-07	5.35E-07	8.48E-07	1.50E-07	8.44E-07	4.73E-06
2821	490297.07	3859530.42	8.43E-03	8.22E-03	8.11E-03	2.92E-06	8.81E-06	5.10E-06	4.98E-06	4.51E-06	2.06E-06	2.03E-06	9.74E-08	2.35E-06	5.19E-07	6.76E-07	1.07E-06	1.89E-07	1.07E-06	5.97E-06
2822	490327.07	3859530.42	7.84E-03	7.65E-03	7.55E-03	2.71E-06	8.20E-06	4.74E-06	4.63E-06	4.20E-06	1.91E-06	1.89E-06	9.06E-08	2.19E-06	4.83E-07	6.29E-07	9.97E-07	1.76E-07	9.92E-07	5.56E-06
2823	490319.73	3859055.34	2.24E-03	2.18E-03	2.15E-03	7.75E-07	2.34E-06	1.35E-06	1.32E-06	1.20E-06	5.47E-07	5.39E-07	2.59E-08	6.25E-07	1.38E-07	1.79E-07	2.85E-07	5.02E-08	2.83E-07	1.59E-06
2824	490319.73	3859105.34	2.39E-03	2.33E-03	2.30E-03	8.26E-07	2.50E-06	1.44E-06	1.41E-06	1.28E-06	5.83E-07	5.75E-07	2.76E-08	6.67E-07	1.47E-07	1.91E-07	3.04E-07	5.35E-08	3.02E-07	1.69E-06
2825	490069.73	3859155.34	3.40E-03	3.32E-03	3.27E-03	1.18E-06	3.55E-06	2.06E-06	2.01E-06	1.82E-06	8.30E-07	8.19E-07	3.93E-08	9.49E-07	2.09E-07	2.73E-07	4.32E-07	7.62E-08	4.30E-07	2.41E-06
2826	490119.73	3859155.34	3.21E-03	3.13E-03	3.09E-03	1.11E-06	3.35E-06	1.94E-06	1.89E-06	1.72E-06	7.83E-07	7.73E-07	3.71E-08	8.96E-07	1.98E-07	2.57E-07	4.08E-07	7.19E-08	4.06E-07	2.27E-06
2827	490269.73	3859155.34	2.74E-03	2.67E-03	2.64E-03	9.49E-07	2.87E-06	1.66E-06	1.62E-06	1.47E-06	6.69E-07	6.61E-07	3.17E-08	7.65E-07	1.69E-07	2.20E-07	3.49E-07	6.14E-08	3.47E-07	1.94E-06
2828	490319.73	3859155.34	2.58E-03	2.52E-03	2.48E-03	8.93E-07	2.70E-06	1.56E-06	1.52E-06	1.38E-06	6.30E-07	6.22E-07	2.98E-08	7.21E-07	1.59E-07	2.07E-07	3.28E-07	5.78E-08	3.26E-07	1.83E-06
2829	490069.73	3859205.34	3.83E-03	3.74E-03	3.69E-03	1.33E-06	4.01E-06	2.32E-06	2.26E-06	2.05E-06	9.36E-07	9.24E-07	4.43E-08	1.07E-06	2.36E-07	3.07E-07	4.88E-07	8.59E-08	4.85E-07	2.72E-06
2830	490119.73	3859205.34	3.62E-03	3.53E-03	3.48E-03	1.25E-06	3.78E-06	2.19E-06	2.13E-06	1.93E-06	8.83E-07	8.71E-07	4.18E-08	1.01E-06	2.23E-07	2.90E-07	4.60E-07	8.10E-08	4.57E-07	2.56E-06
2831	490169.73	3859205.34	3.40E-03	3.32E-03	3.27E-03	1.18E-06	3.55E-06	2.06E-06	2.01E-06	1.82E-06	8.31E-07	8.20E-07	3.93E-08	9.50E-07	2.10E-07	2.73E-07	4.33E-07	7.62E-08	4.30E-07	2.41E-06
2832	490219.73	3859205.34	3.18E-03	3.10E-03	3.06E-03	1.10E-06	3.32E-06	1.92E-06	1.88E-06	1.70E-06	7.77E-07	7.66E-07	3.68E-08	8.88E-07	1.96E-07	2.55E-07	4.04E-07	7.13E-08	4.02E-07	2.25E-06
2833	490269.73	3859205.34	2.97E-03	2.90E-03	2.86E-03	1.03E-06	3.10E-06	1.80E-06	1.75E-06	1.59E-06	7.25E-07	7.15E-07	3.43E-08	8.29E-07	1.83E-07	2.38E-07	3.77E-07	6.65E-08	3.75E-07	2.10E-06
2834	490319.73	3859205.34	2.80E-03	2.73E-03	2.70E-03	9.70E-07	2.93E-06	1.69E-06	1.65E-06	1.50E-06	6.84E-07	6.75E-07	3.24E-08	7.82E-07	1.73E-07	2.25E-07	3.56E-07	6.28E-08	3.54E-07	1.98E-06
2835	490069.73	3859255.34	4.36E-03	4.26E-03	4.20E-03	1.51E-06	4.56E-06	2.64E-06	2.58E-06	2.33E-06	1.07E-06	1.05E-06	5.04E-08	1.22E-06	2.69E-07	3.50E-07	5.55E-07	9.78E-08	5.52E-07	3.09E-06
2836	490119.73	3859255.34	4.07E-03	3.97E-03	3.92E-03	1.41E-06	4.26E-06	2.46E-06	2.40E-06	2.18E-06	9.95E-07	9.82E-07	4.71E-08	1.14E-06	2.51E-07	3.27E-07	5.18E-07	9.13E-08	5.15E-07	2.89E-06
2837	490169.73	3859255.34	3.81E-03	3.72E-03	3.67E-03	1.32E-06	3.98E-06	2.30E-06	2.25E-06	2.04E-06	9.30E-07	9.17E-07	4.40E-08	1.06E-06	2.35E-07	3.05E-07	4.84E-07	8.53E-08	4.82E-07	2.70E-06
2838	490219.73	3859255.34	3.54E-03	3.45E-03	3.41E-03	1.23E-06	3.70E-06	2.14E-06	2.09E-06	1.90E-06	8.65E-07	8.53E-07	4.09E-08	9.89E-07	2.18E-07	2.84E-07	4.50E-07	7.94E-08	4.48E-07	2.51E-06
2839	490269.73	3859255.34	3.30E-03	3.22E-03	3.17E-03	1.14E-06	3.45E-06	1.99E-06	1.95E-06	1.76E-06	8.05E-07	7.94E-07	3.81E-08	9.20E-07	2.03E-07	2.64E-07	4.19E-07	7.39E-08	4.17E-07	2.34E-06
2840	490319.73	3859255.34	3.09E-03	3.02E-03	2.98E-03	1.07E-06	3.23E-06	1.87E-06	1.83E-06	1.66E-06	7.55E-07	7.45E-07	3.57E-08	8.63E-07	1.91E-07	2.48E-07	3.93E-07	6.93E-08	3.91E-07	2.19E-06
2841	490069.73	3859305.34	5.07E-03	4.95E-03	4.88E-03	1.75E-06	5.30E-06	3.07E-06	2.99E-06	2.71E-06	1.24E-06	1.22E-06	5.86E-08	1.42E-06	3.12E-07	4.06E-07	6.44E-07	1.14E-07	6.41E-07	3.59E-06
2842	490119.73	3859305.34	4.68E-03	4.57E-03	4.51E-03	1.62E-06	4.90E-06	2.83E-06	2.77E-06	2.51E-06	1.14E-06	1.13E-06	5.41E-08	1.31E-06	2.89E-07	3.75E-07	5.96E-07	1.05E-07	5.92E-07	3.32E-06
2843	490169.73	3859305.34	4.34E-03	4.23E-03	4.17E-03	1.50E-06	4.53E-06	2.62E-06	2.56E-06	2.32E-06	1.06E-06	1.04E-06	5.01E-08	1.21E-06	2.67E-07	3.48E-07	5.51E-07	9.72E-08	5.48E-07	3.07E-06
2844	490219.73	3859305.34	4.01E-03	3.92E-03	3.86E-03	1.39E-06	4.19E-06	2.43E-06	2.37E-06	2.15E-06	9.80E-07	9.67E-07	4.64E-08	1.12E-06	2.47E-07	3.22E-07	5.10E-07	8.99E-08	5.08E-07	2.84E-06
2845	490269.73	3859305.34	3.72E-03	3.63E-03	3.58E-03	1.29E-06	3.89E-06	2.25E-06	2.20E-06	1.99E-06	9.09E-07	8.97E-07	4.30E-08	1.04E-06	2.29E-07	2.98E-07	4.73E-07	8.34E-08	4.71E-07	2.64E-06
2846	490319.73	3859305.34	3.45E-03	3.37E-03	3.32E-03	1.19E-06	3.61E-06	2.09E-06	2.04E-06	1.85E-06	8.42E-07	8.31E-07	3.99E-08	9.63E-07	2.13E-07	2.77E-07	4.39E-07	7.73E-08	4.36E-07	2.44E-06
2847	490069.73	3859355.34	6.08E-03	5.93E-03	5.86E-03	2.10E-06	6.36E-06	3.68E-06	3.59E-06	3.25E-06	1.49E-06	1.47E-06	7.03E-08	1.70E-06	3.75E-07	4.87E-07	7.73E-07	1.36E-07	7.69E-07	4.31E-06
2848	490119.73	3859355.34	5.53E-03	5.40E-03	5.33E-03	1.92E-06	5.78E-06	3.35E-06	3.27E-06	2.96E-06	1.35E-06	1.33E-06	6.40E-08	1.55E-06	3.41E-07	4.44E-07	7.04E-07	1.24E-07	7.00E-07	3.92E-06
2849	490169.73	3859355.34	5.06E-03	4.94E-03	4.87E-03	1.75E-06	5.29E-06	3.06E-06	2.99E-06	2.71E-06	1.24E-06	1.22E-06	5.85E-08	1.41E-06	3.12E-07	4.05E-07	6.43E-07	1.13E-07	6.40E-07	3.58E-06
2850	490219.73	3859355.34	4.63E-03	4.52E-03	4.46E-03	1.60E-06	4.84E-06	2.80E-06	2.73E-06	2.48E-06	1.13E-06	1.12E-06	5.35E-08	1.29E-06	2.85E-07	3.71E-07	5.89E-07	1.04E-07	5.85E-07	3.28E-06
2851	490269.73	3859355.34	4.27E-03	4.17E-03	4.11E-03	1.48E-06	4.46E-06	2.58E-06	2.52E-06	2.29E-06	1.04E-06	1.03E-06	4.94E-08	1.19E-06	2.63E-07	3.42E-07	5.43E-07	9.57E-08	5.40E-07	3.03E-06
2852	490319.73	3859355.34	3.94E-03	3.84E-03	3.79E-03	1.36E-06	4.12E-06	2.38E-06	2.33E-06	2.11E-06	9.62E-07	9.49E-07	4.55E-08	1.10E-06	2.43E-07	3.16E-07	5.01E-07	8.83E-08	4.98E-07	2.79E-06
2853	490069.73	3859405.34	7.56E-03	7.38E-03	7.28E-03	2.62E-06	7.91E-06	4.58E-06	4.47E-06	4.05E-06	1.85E-06	1.82E-06	8.74E-08	2.11E-06	4.66E-07	6.06E-07	9.62E-07	1.70E-07	9.57E-07	5.36E-06

2854	490119.73	3859405.34	6.73E-03	6.57E-03	6.48E-03	2.33E-06	7.04E-06	4.07E-06	3.97E-06	3.60E-06	1.64E-06	1.62E-06	7.78E-08	1.88E-06	4.15E-07	5.40E-07	8.56E-07	1.51E-07	8.51E-07	4.77E-06
2855	490169.73	3859405.34	6.05E-03	5.90E-03	5.83E-03	2.09E-06	6.32E-06	3.66E-06	3.57E-06	3.24E-06	1.48E-06	1.46E-06	6.99E-08	1.69E-06	3.73E-07	4.85E-07	7.70E-07	1.36E-07	7.65E-07	4.29E-06
2856	490219.73	3859405.34	5.49E-03	5.35E-03	5.28E-03	1.90E-06	5.73E-06	3.32E-06	3.24E-06	2.94E-06	1.34E-06	1.32E-06	6.34E-08	1.53E-06	3.38E-07	4.40E-07	6.98E-07	1.23E-07	6.94E-07	3.89E-06
2857	490269.73	3859405.34	4.99E-03	4.87E-03	4.81E-03	1.73E-06	5.22E-06	3.02E-06	2.95E-06	2.67E-06	1.22E-06	1.20E-06	5.77E-08	1.39E-06	3.07E-07	4.00E-07	6.35E-07	1.12E-07	6.31E-07	3.54E-06
2858	490319.73	3859405.34	4.57E-03	4.46E-03	4.40E-03	1.58E-06	4.78E-06	2.76E-06	2.70E-06	2.45E-06	1.12E-06	1.10E-06	5.28E-08	1.28E-06	2.82E-07	3.66E-07	5.81E-07	1.02E-07	5.78E-07	3.24E-06
2859	490161.89	3859541.83	1.37E-02	1.34E-02	1.32E-02	4.76E-06	1.44E-05	8.32E-06	8.11E-06	7.36E-06	3.36E-06	3.31E-06	1.59E-07	3.84E-06	8.47E-07	1.10E-06	1.75E-06	3.08E-07	1.74E-06	9.74E-06
2860	490171.89	3859541.83	1.33E-02	1.29E-02	1.28E-02	4.59E-06	1.39E-05	8.02E-06	7.83E-06	7.10E-06	3.24E-06	3.20E-06	1.53E-07	3.70E-06	8.17E-07	1.06E-06	1.69E-06	2.97E-07	1.68E-06	9.40E-06
2861	490161.89	3859551.83	1.52E-02	1.48E-02	1.46E-02	5.25E-06	1.59E-05	9.18E-06	8.96E-06	8.12E-06	3.71E-06	3.66E-06	1.75E-07	4.24E-06	9.35E-07	1.22E-06	1.93E-06	3.40E-07	1.92E-06	1.08E-05
2862	490171.89	3859551.83	1.46E-02	1.42E-02	1.41E-02	5.05E-06	1.53E-05	8.83E-06	8.62E-06	7.81E-06	3.57E-06	3.52E-06	1.69E-07	4.08E-06	8.99E-07	1.17E-06	1.86E-06	3.27E-07	1.85E-06	1.03E-05
2863	489799.72	3859348.21	1.30E-02	1.27E-02	1.25E-02	4.50E-06	1.36E-05	7.87E-06	7.68E-06	6.96E-06	3.18E-06	3.13E-06	1.50E-07	3.63E-06	8.02E-07	1.04E-06	1.65E-06	2.92E-07	1.65E-06	9.22E-06
2864	489819.72	3859348.21	1.20E-02	1.17E-02	1.15E-02	4.14E-06	1.25E-05	7.23E-06	7.06E-06	6.40E-06	2.92E-06	2.88E-06	1.38E-07	3.34E-06	7.36E-07	9.58E-07	1.52E-06	2.68E-07	1.51E-06	8.47E-06
2865	489799.72	3859368.21	1.55E-02	1.51E-02	1.49E-02	5.37E-06	1.62E-05	9.38E-06	9.15E-06	8.30E-06	3.79E-06	3.74E-06	1.79E-07	4.33E-06	9.55E-07	1.24E-06	1.97E-06	3.47E-07	1.96E-06	1.10E-05
2866	489819.72	3859368.21	1.40E-02	1.37E-02	1.35E-02	4.86E-06	1.47E-05	8.49E-06	8.29E-06	7.51E-06	3.43E-06	3.38E-06	1.62E-07	3.92E-06	8.65E-07	1.13E-06	1.78E-06	3.15E-07	1.77E-06	9.94E-06
2867	489775.41	3859329.72	1.25E-02	1.22E-02	1.20E-02	4.33E-06	1.31E-05	7.56E-06	7.38E-06	6.69E-06	3.05E-06	3.01E-06	1.44E-07	3.49E-06	7.70E-07	1.00E-06	1.59E-06	2.80E-07	1.58E-06	8.86E-06
2868	489795.41	3859329.72	1.15E-02	1.12E-02	1.11E-02	3.98E-06	1.20E-05	6.96E-06	6.80E-06	6.16E-06	2.81E-06	2.77E-06	1.33E-07	3.21E-06	7.09E-07	9.23E-07	1.46E-06	2.58E-07	1.46E-06	8.16E-06
2869	489775.41	3859349.72	1.48E-02	1.44E-02	1.42E-02	5.12E-06	1.55E-05	8.94E-06	8.73E-06	7.91E-06	3.61E-06	3.56E-06	1.71E-07	4.13E-06	9.11E-07	1.18E-06	1.88E-06	3.31E-07	1.87E-06	1.05E-05
2870	489795.41	3859349.72	1.34E-02	1.31E-02	1.29E-02	4.65E-06	1.40E-05	8.13E-06	7.93E-06	7.19E-06	3.28E-06	3.24E-06	1.55E-07	3.75E-06	8.27E-07	1.08E-06	1.71E-06	3.01E-07	1.70E-06	9.52E-06
2871	489595.05	3859219.43	1.15E-02	1.12E-02	1.11E-02	3.98E-06	1.20E-05	6.95E-06	6.78E-06	6.15E-06	2.80E-06	2.77E-06	1.33E-07	3.21E-06	7.08E-07	9.21E-07	1.46E-06	2.57E-07	1.45E-06	8.14E-06
2872	489615.05	3859219.43	1.06E-02	1.04E-02	1.02E-02	3.67E-06	1.11E-05	6.42E-06	6.27E-06	5.68E-06	2.59E-06	2.56E-06	1.23E-07	2.96E-06	6.54E-07	8.51E-07	1.35E-06	2.38E-07	1.34E-06	7.52E-06
2873	489595.05	3859239.43	1.34E-02	1.31E-02	1.29E-02	4.64E-06	1.40E-05	8.11E-06	7.92E-06	7.18E-06	3.27E-06	3.23E-06	1.55E-07	3.74E-06	8.26E-07	1.07E-06	1.71E-06	3.01E-07	1.70E-06	9.50E-06
2874	489615.05	3859239.43	1.23E-02	1.20E-02	1.18E-02	4.24E-06	1.28E-05	7.42E-06	7.24E-06	6.56E-06	2.99E-06	2.95E-06	1.42E-07	3.42E-06	7.55E-07	9.83E-07	1.56E-06	2.75E-07	1.55E-06	8.69E-06
2875	489372.4	3859092.58	1.13E-02	1.10E-02	1.09E-02	3.92E-06	1.18E-05	6.85E-06	6.69E-06	6.06E-06	2.77E-06	2.73E-06	1.31E-07	3.16E-06	6.98E-07	9.08E-07	1.44E-06	2.54E-07	1.43E-06	8.02E-06
2876	489422.4	3859092.58	9.42E-03	9.19E-03	9.07E-03	3.26E-06	9.85E-06	5.70E-06	5.56E-06	5.04E-06	2.30E-06	2.27E-06	1.09E-07	2.63E-06	5.80E-07	7.55E-07	1.20E-06	2.11E-07	1.19E-06	6.68E-06
2877	489372.4	3859142.58	1.74E-02	1.70E-02	1.68E-02	6.03E-06	1.82E-05	1.05E-05	1.03E-05	9.32E-06	4.25E-06	4.20E-06	2.01E-07	4.86E-06	1.07E-06	1.40E-06	2.21E-06	3.90E-07	2.20E-06	1.23E-05
2878	489422.4	3859142.58	1.34E-02	1.31E-02	1.29E-02	4.65E-06	1.40E-05	8.12E-06	7.93E-06	7.18E-06	3.28E-06	3.23E-06	1.55E-07	3.75E-06	8.27E-07	1.08E-06	1.71E-06	3.01E-07	1.70E-06	9.51E-06
2879	488870.84	3858666.64	6.24E-03	6.09E-03	6.01E-03	2.16E-06	6.52E-06	3.78E-06	3.68E-06	3.34E-06	1.52E-06	1.50E-06	7.21E-08	1.74E-06	3.84E-07	5.00E-07	7.94E-07	1.40E-07	7.89E-07	4.42E-06
2880	488900.84	3858666.64	5.80E-03	5.65E-03	5.58E-03	2.01E-06	6.06E-06	3.51E-06	3.42E-06	3.10E-06	1.42E-06	1.40E-06	6.70E-08	1.62E-06	3.57E-07	4.65E-07	7.37E-07	1.30E-07	7.33E-07	4.11E-06
2881	488870.84	3858696.64	7.03E-03	6.86E-03	6.77E-03	2.43E-06	7.35E-06	4.25E-06	4.15E-06	3.76E-06	1.72E-06	1.69E-06	8.12E-08	1.96E-06	4.33E-07	5.63E-07	8.94E-07	1.58E-07	8.89E-07	4.98E-06
2882	488900.84	3858696.64	6.47E-03	6.31E-03	6.23E-03	2.24E-06	6.76E-06	3.92E-06	3.82E-06	3.46E-06	1.58E-06	1.56E-06	7.48E-08	1.81E-06	3.99E-07	5.19E-07	8.23E-07	1.45E-07	8.18E-07	4.59E-06
2883	488889.67	3858683.97	6.34E-03	6.19E-03	6.10E-03	2.19E-06	6.63E-06	3.84E-06	3.74E-06	3.39E-06	1.55E-06	1.53E-06	7.33E-08	1.77E-06	3.91E-07	5.08E-07	8.06E-07	1.42E-07	8.02E-07	4.49E-06
2884	488919.67	3858683.97	5.89E-03	5.75E-03	5.67E-03	2.04E-06	6.16E-06	3.56E-06	3.48E-06	3.15E-06	1.44E-06	1.42E-06	6.81E-08	1.64E-06	3.63E-07	4.72E-07	7.49E-07	1.32E-07	7.45E-07	4.17E-06
2885	488889.67	3858713.97	7.18E-03	7.00E-03	6.91E-03	2.48E-06	7.50E-06	4.34E-06	4.24E-06	3.84E-06	1.75E-06	1.73E-06	8.30E-08	2.00E-06	4.42E-07	5.75E-07	9.13E-07	1.61E-07	9.08E-07	5.09E-06
2886	488919.67	3858713.97	6.60E-03	6.44E-03	6.36E-03	2.29E-06	6.90E-06	4.00E-06	3.90E-06	3.53E-06	1.61E-06	1.59E-06	7.63E-08	1.84E-06	4.07E-07	5.29E-07	8.40E-07	1.48E-07	8.35E-07	4.68E-06
2887	488906.61	3858703.33	6.55E-03	6.39E-03	6.30E-03	2.27E-06	6.84E-06	3.96E-06	3.87E-06	3.50E-06	1.60E-06	1.58E-06	7.57E-08	1.83E-06	4.03E-07	5.25E-07	8.33E-07	1.47E-07	8.28E-07	4.64E-06
2888	488936.61	3858703.33	6.07E-03	5.92E-03	5.84E-03	2.10E-06	6.34E-06	3.67E-06	3.58E-06	3.25E-06	1.48E-06	1.46E-06	7.01E-08	1.69E-06	3.74E-07	4.86E-07	7.71E-07	1.36E-07	7.67E-07	4.30E-06
2889	488906.61	3858733.33	7.45E-03	7.27E-03	7.17E-03	2.58E-06	7.78E-06	4.51E-06	4.40E-06	3.99E-06	1.82E-06	1.79E-06	8.61E-08	2.08E-06	4.59E-07	5.97E-07	9.47E-07	1.67E-07	9.42E-07	5.28E-06
2890	488936.61	3858733.33	6.84E-03	6.67E-03	6.59E-03	2.37E-06	7.15E-06	4.14E-06	4.04E-06	3.66E-06	1.67E-06	1.65E-06	7.91E-08	1.91E-06	4.21E-07	5.48E-07	8.70E-07	1.53E-07	8.65E-07	4.85E-06
2891	488637.63	3858467.85	5.88E-03	5.73E-03	5.66E-03	2.03E-06	6.14E-06	3.56E-06	3.47E-06	3.15E-06	1.44E-06	1.42E-06	6.79E-08	1.64E-06	3.62E-07	4.71E-07	7.47E-07	1.32E-07	7.43E-07	4.16E-06
2892	488662.63	3858467.85	5.51E-03	5.37E-03	5.30E-03	1.91E-06	5.75E-06	3.33E-06	3.25E-06	2.95E-06	1.34E-06	1.33E-06	6.36E-08	1.54E-06	3.39E-07	4.41E-07	7.00E-07	1.23E-07	6.96E-07	3.90E-06
2893	488637.63	3858492.85	6.43E-03	6.27E-03	6.19E-03	2.22E-06	6.72E-06	3.89E-06	3.79E-06	3.44E-06	1.57E-06	1.55E-06	7.43E-08	1.79E-06	3.96E-07	5.15E-07	8.17E-07	1.44E-07	8.13E-07	4.55E-06
2894	488662.63	3858492.85	5.98E-03	5.83E-03	5.75E-03	2.07E-06	6.25E-06	3.62E-06	3.53E-06	3.20E-06	1.46E-06	1.44E-06	6.91E-08	1.67E-06	3.68E-07	4.79E-07	7.60E-07	1.34E-07	7.56E-07	4.24E-06
2895	488687.63	3858492.85	5.59E-03	5.45E-03	5.38E-03	1.93E-06	5.84E-06	3.38E-06	3.30E-06	2.99E-06	1.36E-06	1.35E-06	6.46E-08	1.56E-06	3.44E-07	4.48E-07	7.11E-07	1.25E-07	7.07E-07	3.96E-06
2896	488637.63	3858517.85	7.10E-03	6.93E-03	6.84E-03	2.46E-06	7.42E-06	4.30E-06	4.19E-06	3.80E-06	1.73E-06	1.71E-06	8.21E-08	1.98E-06	4.38E-07	5.69E-07	9.03E-07	1.59E-07	8.98E-07	5.03E-06
2897	488662.63	3858517.85	6.55E-03	6.39E-03	6.30E-03	2.27E-06	6.84E-06	3.96E-06	3.86E-06	3.50E-06	1.60E-06	1.58E-06	7.57E-08	1.83E-06	4.03E-07	5.25E-07	8.32E-07	1.47E-07	8.28E-07	4.64E-06
2898	488687.63	3858517.85	6.08E-03	5.93E-03	5.86E-03	2.11E-06	6.36E-06	3.68E-06	3.59E-06	3.26E-06	1.49E-06	1.47E-06	7.03E-08	1.70E-06	3.75E-07	4.88E-07	7.73E-07	1.36E-07	7.69E-07	4.31E-06
2899	488194.42	3857168.98	1.47E-03	1.44E-03	1.42E-03	5.10E-07	1.54E-06	8.91E-07	8.70E-07	7.89E-07	3.60E-07	3.55E-07	1.70E-08	4.11E-07	9.08E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
2900	488244.42	3857168.98	1.44E-03	1.40E-03	1.38E-03	4.98E-07	1.50E-06	8.70E-07	8.49E-07	7.70E-07	3.51E-07	3.47E-07	1.66E-08	4.02E-07	8.86E-08	1.15E-07	1.83E-07	3.22E-08	1.82E-07	1.02E-06
2901	488294.42	3857168.98	1.40E-03	1.37E-03	1.35E-03	4.86E-07	1.47E-06	8.49E-07	8.28E-07	7.51E-07	3.43E-07	3.38E-07	1.62E-08	3.92E-07	8.65E-08	1.12E-07	1.78E-07	3.14E-08	1.77E-07	9.94E-07
2902	488244.42	3857218.98	1.49E-03	1.45E-03	1.43E-03	5.14E-07	1.55E-06	8.99E-07	8.77E-07	7.95E-07	3.63E-07	3.58E-07	1.72E-08	4.15E-07	9.16E-08	1.19E-07	1.89E-07	3.33E-08	1.88E-07	1.05E-06
2903	488294.42	3857218.98	1.45E-03	1.41E-03	1.40E-03	5.02E-07	1.51E-06	8.77E-07	8.56E-07	7.76E-07	3.54E-07	3.49E-07	1.68E-08	4.05E-07	8.93E-08	1.16E-07	1.84E-07	3.25E-08	1.83E-07	1.03E-06
2904	488294.42	3857268.98	1.50E-03	1.46E-03	1.44E-03	5.19E-07	1.57E-06	9.07E-07	8.86E-07	8.03E-07	3.66E-07	3.61E-07	1.73E-08	4.19E-07	9.24E-08	1.20E-07	1.91E-07	3.36E-08	1.90E-07	1.06E-06
2905	488139.13	3857111.68	1.46E-03	1.42E-03	1.41E-03	5.05E-07	1.53E-06	8.83E-07	8.62E-07	7.81E-07	3.56E-07	3.52E-07	1.69E-08	4.08E-07	8.99E-08	1.17E-07	1.86E-07	3.27E-08	1.85E-07	1.03E-06
2906	488189.13	3857111.68	1.42E-03	1.39E-03	1.37E-03	4.93E-07	1.49E-06	8.62E-07	8.41E-07	7.63E-07	3.48E-07	3.43E-07	1.65E-08	3.98E-07	8.78E-08	1.14E-07	1.81E-07	3.19E-08	1.80E-07	1.01E-06
2907	488189.13	3857161.68	1.47E-03	1.43E-03	1.42E-03	5.09E-07	1.54E-06	8.90E-07	8.68E-07	7.87E-07	3.59E-07	3.54E-07	1.70E-08	4.11E-07	9.06E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
2908	487951.04	3856961.26	1.46E-03	1.42E-03	1.41E-03	5.05E-07	1.53E-06	8.83E-07	8.62E-07	7.81E-07	3.57E-07	3.52E-07	1.69E-08	4.08E-07	9.00E-08	1.17E-07	1.86E-07	3.27E-08	1.85E-07	1.03E-06

2909	488001.04	3856961.26	1.42E-03	1.39E-03	1.37E-03	4.92E-07	1.49E-06	8.61E-07	8.40E-07	7.61E-07	3.47E-07	3.43E-07	1.64E-08	3.97E-07	8.76E-08	1.14E-07	1.81E-07	3.19E-08	1.80E-07	1.01E-06
2910	488051.04	3856961.26	1.39E-03	1.35E-03	1.33E-03	4.80E-07	1.45E-06	8.38E-07	8.18E-07	7.41E-07	3.38E-07	3.34E-07	1.60E-08	3.87E-07	8.54E-08	1.11E-07	1.76E-07	3.10E-08	1.75E-07	9.82E-07
2911	488101.04	3856961.26	1.35E-03	1.32E-03	1.30E-03	4.69E-07	1.42E-06	8.20E-07	8.00E-07	7.25E-07	3.31E-07	3.27E-07	1.57E-08	3.78E-07	8.35E-08	1.09E-07	1.72E-07	3.04E-08	1.71E-07	9.60E-07
2912	487951.04	3857011.26	1.51E-03	1.48E-03	1.46E-03	5.24E-07	1.58E-06	9.16E-07	8.93E-07	8.10E-07	3.70E-07	3.65E-07	1.75E-08	4.22E-07	9.32E-08	1.21E-07	1.92E-07	3.39E-08	1.91E-07	1.07E-06
2913	488001.04	3857011.26	1.47E-03	1.43E-03	1.41E-03	5.09E-07	1.54E-06	8.89E-07	8.68E-07	7.87E-07	3.59E-07	3.54E-07	1.70E-08	4.10E-07	9.05E-08	1.18E-07	1.87E-07	3.29E-08	1.86E-07	1.04E-06
2914	488051.04	3857011.26	1.43E-03	1.39E-03	1.38E-03	4.95E-07	1.49E-06	8.65E-07	8.44E-07	7.65E-07	3.49E-07	3.44E-07	1.65E-08	3.99E-07	8.81E-08	1.15E-07	1.82E-07	3.20E-08	1.81E-07	1.01E-06
2915	488101.04	3857011.26	1.40E-03	1.36E-03	1.34E-03	4.83E-07	1.46E-06	8.45E-07	8.24E-07	7.47E-07	3.41E-07	3.36E-07	1.61E-08	3.90E-07	8.60E-08	1.12E-07	1.78E-07	3.13E-08	1.77E-07	9.89E-07
2916	488001.04	3857061.26	1.52E-03	1.48E-03	1.46E-03	5.27E-07	1.59E-06	9.21E-07	8.98E-07	8.14E-07	3.72E-07	3.67E-07	1.76E-08	4.25E-07	9.37E-08	1.22E-07	1.93E-07	3.41E-08	1.92E-07	1.08E-06
2917	488051.04	3857061.26	1.48E-03	1.44E-03	1.42E-03	5.12E-07	1.55E-06	8.95E-07	8.74E-07	7.92E-07	3.61E-07	3.57E-07	1.71E-08	4.13E-07	9.12E-08	1.19E-07	1.88E-07	3.32E-08	1.87E-07	1.05E-06
2918	488101.04	3857061.26	1.44E-03	1.41E-03	1.39E-03	4.99E-07	1.51E-06	8.72E-07	8.51E-07	7.72E-07	3.52E-07	3.47E-07	1.67E-08	4.03E-07	8.88E-08	1.16E-07	1.83E-07	3.23E-08	1.82E-07	1.02E-06
2919	487638.98	3856673.79	1.43E-03	1.39E-03	1.37E-03	4.94E-07	1.49E-06	8.64E-07	8.43E-07	7.64E-07	3.49E-07	3.44E-07	1.65E-08	3.99E-07	8.80E-08	1.14E-07	1.82E-07	3.20E-08	1.81E-07	1.01E-06
2920	487688.98	3856673.79	1.39E-03	1.36E-03	1.34E-03	4.81E-07	1.45E-06	8.40E-07	8.20E-07	7.43E-07	3.39E-07	3.35E-07	1.61E-08	3.88E-07	8.56E-08	1.11E-07	1.77E-07	3.11E-08	1.76E-07	9.84E-07
2921	487638.98	3856723.79	1.48E-03	1.44E-03	1.42E-03	5.12E-07	1.55E-06	8.95E-07	8.73E-07	7.91E-07	3.61E-07	3.56E-07	1.71E-08	4.13E-07	9.11E-08	1.19E-07	1.88E-07	3.31E-08	1.87E-07	1.05E-06
2922	487688.98	3856723.79	1.44E-03	1.40E-03	1.38E-03	4.97E-07	1.50E-06	8.69E-07	8.48E-07	7.69E-07	3.51E-07	3.46E-07	1.66E-08	4.01E-07	8.85E-08	1.15E-07	1.83E-07	3.22E-08	1.82E-07	1.02E-06
2923	486324.61	3855740.57	1.59E-03	1.55E-03	1.53E-03	5.51E-07	1.66E-06	9.64E-07	9.40E-07	8.52E-07	3.89E-07	3.84E-07	1.84E-08	4.45E-07	9.81E-08	1.28E-07	2.03E-07	3.57E-08	2.01E-07	1.13E-06
2924	486374.61	3855740.57	1.50E-03	1.47E-03	1.45E-03	5.20E-07	1.57E-06	9.10E-07	8.88E-07	8.05E-07	3.67E-07	3.62E-07	1.74E-08	4.20E-07	9.26E-08	1.21E-07	1.91E-07	3.37E-08	1.90E-07	1.07E-06
2925	486424.61	3855740.57	1.44E-03	1.41E-03	1.39E-03	4.99E-07	1.51E-06	8.73E-07	8.52E-07	7.72E-07	3.52E-07	3.48E-07	1.67E-08	4.03E-07	8.89E-08	1.16E-07	1.83E-07	3.23E-08	1.82E-07	1.02E-06
2926	486324.61	3855790.57	1.67E-03	1.63E-03	1.60E-03	5.76E-07	1.74E-06	1.01E-06	9.83E-07	8.91E-07	4.07E-07	4.01E-07	1.93E-08	4.65E-07	1.03E-07	1.33E-07	2.12E-07	3.73E-08	2.11E-07	1.18E-06
2927	486374.61	3855790.57	1.57E-03	1.53E-03	1.51E-03	5.44E-07	1.64E-06	9.50E-07	9.27E-07	8.41E-07	3.84E-07	3.79E-07	1.82E-08	4.39E-07	9.68E-08	1.26E-07	2.00E-07	3.52E-08	1.99E-07	1.11E-06
2928	486424.61	3855790.57	1.51E-03	1.48E-03	1.46E-03	5.23E-07	1.58E-06	9.15E-07	8.93E-07	8.09E-07	3.69E-07	3.64E-07	1.75E-08	4.22E-07	9.32E-08	1.21E-07	1.92E-07	3.39E-08	1.91E-07	1.07E-06
2929	486324.61	3855840.57	1.75E-03	1.71E-03	1.68E-03	6.05E-07	1.83E-06	1.06E-06	1.03E-06	9.35E-07	4.27E-07	4.21E-07	2.02E-08	4.88E-07	1.08E-07	1.40E-07	2.22E-07	3.92E-08	2.21E-07	1.24E-06
2930	486374.61	3855840.57	1.67E-03	1.63E-03	1.61E-03	5.77E-07	1.74E-06	1.01E-06	9.85E-07	8.93E-07	4.07E-07	4.02E-07	1.93E-08	4.66E-07	1.03E-07	1.34E-07	2.12E-07	3.74E-08	2.11E-07	1.18E-06
2931	486424.61	3855840.57	1.59E-03	1.55E-03	1.53E-03	5.51E-07	1.66E-06	9.63E-07	9.39E-07	8.52E-07	3.89E-07	3.83E-07	1.84E-08	4.44E-07	9.80E-08	1.28E-07	2.02E-07	3.57E-08	2.01E-07	1.13E-06
2932	486324.61	3855890.57	1.87E-03	1.83E-03	1.80E-03	6.47E-07	1.95E-06	1.13E-06	1.10E-06	1.00E-06	4.57E-07	4.51E-07	2.16E-08	5.22E-07	1.15E-07	1.50E-07	2.38E-07	4.19E-08	2.37E-07	1.33E-06
2933	486374.61	3855890.57	1.77E-03	1.73E-03	1.71E-03	6.14E-07	1.85E-06	1.07E-06	1.05E-06	9.50E-07	4.33E-07	4.28E-07	2.05E-08	4.95E-07	1.09E-07	1.42E-07	2.26E-07	3.98E-08	2.24E-07	1.26E-06
2934	486424.61	3855890.57	1.68E-03	1.64E-03	1.62E-03	5.83E-07	1.76E-06	1.02E-06	9.94E-07	9.01E-07	4.11E-07	4.06E-07	1.95E-08	4.70E-07	1.04E-07	1.35E-07	2.14E-07	3.77E-08	2.13E-07	1.19E-06
2935	488735.69	3858285.64	3.18E-03	3.10E-03	3.06E-03	1.10E-06	3.33E-06	1.92E-06	1.88E-06	1.70E-06	7.77E-07	7.67E-07	3.68E-08	8.88E-07	1.96E-07	2.55E-07	4.05E-07	7.13E-08	4.02E-07	2.25E-06
2936	488765.69	3858285.64	3.06E-03	2.99E-03	2.95E-03	1.06E-06	3.20E-06	1.85E-06	1.81E-06	1.64E-06	7.48E-07	7.38E-07	3.54E-08	8.55E-07	1.89E-07	2.46E-07	3.90E-07	6.87E-08	3.87E-07	2.17E-06
2937	488735.69	3858315.64	3.35E-03	3.27E-03	3.23E-03	1.16E-06	3.50E-06	2.03E-06	1.98E-06	1.79E-06	8.19E-07	8.08E-07	3.87E-08	9.36E-07	2.07E-07	2.69E-07	4.26E-07	7.51E-08	4.24E-07	2.38E-06
2938	488765.69	3858315.64	3.22E-03	3.14E-03	3.10E-03	1.11E-06	3.36E-06	1.95E-06	1.90E-06	1.72E-06	7.86E-07	7.76E-07	3.72E-08	8.99E-07	1.98E-07	2.58E-07	4.09E-07	7.21E-08	4.07E-07	2.28E-06
2939	478676.63	3849871.93	3.24E-03	3.17E-03	3.12E-03	1.12E-06	3.39E-06	1.96E-06	1.92E-06	1.74E-06	7.92E-07	7.82E-07	3.75E-08	9.06E-07	2.00E-07	2.60E-07	4.13E-07	7.27E-08	4.10E-07	2.30E-06
2940	479326.63	3849871.93	1.94E-03	1.90E-03	1.87E-03	6.72E-07	2.03E-06	1.18E-06	1.15E-06	1.04E-06	4.74E-07	4.68E-07	2.24E-08	5.42E-07	1.20E-07	1.56E-07	2.47E-07	4.35E-08	2.46E-07	1.38E-06
2941	479376.63	3849871.93	1.88E-03	1.84E-03	1.81E-03	6.52E-07	1.97E-06	1.14E-06	1.11E-06	1.01E-06	4.60E-07	4.54E-07	2.18E-08	5.26E-07	1.16E-07	1.51E-07	2.40E-07	4.22E-08	2.38E-07	1.33E-06
2942	479426.63	3849871.93	1.84E-03	1.79E-03	1.77E-03	6.36E-07	1.92E-06	1.11E-06	1.09E-06	9.84E-07	4.49E-07	4.43E-07	2.12E-08	5.13E-07	1.13E-07	1.47E-07	2.34E-07	4.12E-08	2.32E-07	1.30E-06
2943	478726.63	3849921.93	3.42E-03	3.33E-03	3.29E-03	1.18E-06	3.57E-06	2.07E-06	2.02E-06	1.83E-06	8.34E-07	8.23E-07	3.95E-08	9.54E-07	2.10E-07	2.74E-07	4.34E-07	7.66E-08	4.32E-07	2.42E-06
2944	478776.63	3849921.93	3.25E-03	3.17E-03	3.13E-03	1.13E-06	3.40E-06	1.97E-06	1.92E-06	1.74E-06	7.94E-07	7.84E-07	3.76E-08	9.08E-07	2.00E-07	2.61E-07	4.14E-07	7.29E-08	4.11E-07	2.30E-06
2945	478826.63	3849921.93	3.10E-03	3.02E-03	2.98E-03	1.07E-06	3.24E-06	1.88E-06	1.83E-06	1.66E-06	7.57E-07	7.47E-07	3.58E-08	8.65E-07	1.91E-07	2.48E-07	3.94E-07	6.95E-08	3.92E-07	2.20E-06
2946	478976.63	3849921.93	2.72E-03	2.65E-03	2.61E-03	9.40E-07	2.84E-06	1.64E-06	1.60E-06	1.45E-06	6.63E-07	6.54E-07	3.14E-08	7.58E-07	1.67E-07	2.18E-07	3.45E-07	6.09E-08	3.43E-07	1.92E-06
2947	479026.63	3849921.93	2.62E-03	2.56E-03	2.52E-03	9.07E-07	2.74E-06	1.59E-06	1.55E-06	1.40E-06	6.40E-07	6.31E-07	3.03E-08	7.32E-07	1.61E-07	2.10E-07	3.33E-07	5.87E-08	3.31E-07	1.86E-06
2948	479076.63	3849921.93	2.52E-03	2.46E-03	2.43E-03	8.73E-07	2.64E-06	1.53E-06	1.49E-06	1.35E-06	6.16E-07	6.08E-07	2.92E-08	7.04E-07	1.55E-07	2.02E-07	3.21E-07	5.65E-08	3.19E-07	1.79E-06
2949	479126.63	3849921.93	2.43E-03	2.37E-03	2.34E-03	8.40E-07	2.54E-06	1.47E-06	1.43E-06	1.30E-06	5.93E-07	5.85E-07	2.81E-08	6.78E-07	1.50E-07	1.95E-07	3.09E-07	5.44E-08	3.07E-07	1.72E-06
2950	479176.63	3849921.93	2.35E-03	2.29E-03	2.26E-03	8.12E-07	2.45E-06	1.42E-06	1.38E-06	1.26E-06	5.73E-07	5.65E-07	2.71E-08	6.55E-07	1.45E-07	1.88E-07	2.98E-07	5.26E-08	2.97E-07	1.66E-06
2951	479226.63	3849921.93	2.25E-03	2.19E-03	2.17E-03	7.79E-07	2.35E-06	1.36E-06	1.33E-06	1.20E-06	5.49E-07	5.42E-07	2.60E-08	6.28E-07	1.39E-07	1.80E-07	2.86E-07	5.04E-08	2.84E-07	1.59E-06
2952	479276.63	3849921.93	2.13E-03	2.08E-03	2.05E-03	7.38E-07	2.23E-06	1.29E-06	1.26E-06	1.14E-06	5.21E-07	5.14E-07	2.47E-08	5.95E-07	1.31E-07	1.71E-07	2.71E-07	4.78E-08	2.70E-07	1.51E-06
2953	479326.63	3849921.93	2.11E-03	2.06E-03	2.03E-03	7.30E-07	2.20E-06	1.28E-06	1.24E-06	1.13E-06	5.15E-07	5.08E-07	2.44E-08	5.89E-07	1.30E-07	1.69E-07	2.68E-07	4.72E-08	2.67E-07	1.49E-06
2954	479376.63	3849921.93	2.00E-03	1.95E-03	1.93E-03	6.94E-07	2.09E-06	1.21E-06	1.18E-06	1.07E-06	4.89E-07	4.83E-07	2.32E-08	5.59E-07	1.23E-07	1.61E-07	2.55E-07	4.49E-08	2.53E-07	1.42E-06
2955	479426.63	3849921.93	1.97E-03	1.92E-03	1.90E-03	6.82E-07	2.06E-06	1.19E-06	1.16E-06	1.05E-06	4.81E-07	4.75E-07	2.28E-08	5.50E-07	1.21E-07	1.58E-07	2.50E-07	4.41E-08	2.49E-07	1.40E-06
2956	478726.63	3849971.93	3.81E-03	3.71E-03	3.67E-03	1.32E-06	3.98E-06	2.30E-06	2.25E-06	2.04E-06	9.30E-07	9.17E-07	4.40E-08	1.06E-06	2.35E-07	3.05E-07	4.84E-07	8.53E-08	4.81E-07	2.70E-06
2957	478776.63	3849971.93	3.60E-03	3.52E-03	3.47E-03	1.25E-06	3.77E-06	2.18E-06	2.13E-06	1.93E-06	8.80E-07	8.68E-07	4.16E-08	1.01E-06	2.22E-07	2.89E-07	4.58E-07	8.07E-08	4.56E-07	2.55E-06
2958	478826.63	3849971.93	3.42E-03	3.33E-03	3.29E-03	1.18E-06	3.57E-06	2.07E-06	2.02E-06	1.83E-06	8.34E-07	8.23E-07	3.95E-08	9.54E-07	2.11E-07	2.74E-07	4.34E-07	7.66E-08	4.32E-07	2.42E-06
2959	478976.63	3849971.93	2.97E-03	2.90E-03	2.86E-03	1.03E-06	3.11E-06	1.80E-06	1.75E-06	1.59E-06	7.26E-07	7.16E-07	3.44E-08	8.30E-07	1.83E-07	2.38E-07	3.78E-07	6.66E-08	3.76E-07	2.11E-06
2960	479026.63	3849971.93	2.84E-03	2.77E-03	2.74E-03	9.84E-07	2.97E-06	1.72E-06	1.68E-06	1.52E-06	6.94E-07	6.85E-07	3.29E-08	7.94E-07	1.75E-07	2.28E-07	3.61E-07	6.37E-08	3.59E-07	2.01E-06
2961	479076.63	3849971.93	2.72E-03	2.66E-03	2.62E-03	9.43E-07	2.85E-06	1.65E-06	1.61E-06	1.46E-06	6.65E-07	6.56E-07	3.15E-08	7.61E-07	1.68E-07	2.18E-07	3.46E-07	6.11E-08	3.45E-07	1.93E-06
2962	479126.63	3849971.93	2.62E-03	2.55E-03	2.52E-03	9.06E-07	2.74E-06	1.58E-06	1.55E-06	1.40E-06	6.39E-07	6.31E-07	3.03E-08	7.31E-07	1.61E-07	2.10E-07	3.33E-07	5.87E-08	3.31E-07	1.86E-06
2963	479176.63	3849971.93	2.52E-03	2.46E-03	2.43E-03	8.73E-07	2.64E-06	1.53E-06	1.49E-06	1.35E-06	6.16E-07	6.08E-07	2.91E-08	7.04E-07	1.55E-07	2.02E-07	3.21E-07	5.65E-08	3.19E-07	1.79E-06

2964	479226.63	3849971.93	2.37E-03	2.31E-03	2.28E-03	8.21E-07	2.48E-06	1.43E-06	1.40E-06	1.27E-06	5.79E-07	5.71E-07	2.74E-08	6.62E-07	1.46E-07	1.90E-07	3.02E-07	5.31E-08	3.00E-07	1.68E-06
2965	479276.63	3849971.93	2.32E-03	2.27E-03	2.24E-03	8.04E-07	2.43E-06	1.41E-06	1.37E-06	1.24E-06	5.68E-07	5.60E-07	2.69E-08	6.49E-07	1.43E-07	1.86E-07	2.96E-07	5.21E-08	2.94E-07	1.65E-06
2966	479326.63	3849971.93	2.27E-03	2.21E-03	2.18E-03	7.85E-07	2.37E-06	1.37E-06	1.34E-06	1.21E-06	5.54E-07	5.47E-07	2.62E-08	6.33E-07	1.40E-07	1.82E-07	2.88E-07	5.08E-08	2.87E-07	1.61E-06
2967	479376.63	3849971.93	2.16E-03	2.11E-03	2.08E-03	7.47E-07	2.26E-06	1.31E-06	1.27E-06	1.16E-06	5.27E-07	5.20E-07	2.50E-08	6.03E-07	1.33E-07	1.73E-07	2.75E-07	4.84E-08	2.73E-07	1.53E-06
2968	479426.63	3849971.93	2.10E-03	2.05E-03	2.02E-03	7.27E-07	2.19E-06	1.27E-06	1.24E-06	1.12E-06	5.13E-07	5.06E-07	2.43E-08	5.86E-07	1.29E-07	1.68E-07	2.67E-07	4.70E-08	2.65E-07	1.49E-06
2969	478726.63	3850021.93	4.30E-03	4.20E-03	4.14E-03	1.49E-06	4.50E-06	2.60E-06	2.54E-06	2.30E-06	1.05E-06	1.04E-06	4.97E-08	1.20E-06	2.65E-07	3.45E-07	5.47E-07	9.64E-08	5.44E-07	3.05E-06
2970	478776.63	3850021.93	4.04E-03	3.94E-03	3.89E-03	1.40E-06	4.22E-06	2.44E-06	2.39E-06	2.16E-06	9.87E-07	9.74E-07	4.67E-08	1.13E-06	2.49E-07	3.24E-07	5.14E-07	9.06E-08	5.11E-07	2.86E-06
2971	478826.63	3850021.93	3.81E-03	3.72E-03	3.67E-03	1.32E-06	3.98E-06	2.31E-06	2.25E-06	2.04E-06	9.30E-07	9.18E-07	4.40E-08	1.06E-06	2.35E-07	3.05E-07	4.84E-07	8.54E-08	4.82E-07	2.70E-06
2972	478976.63	3850021.93	3.26E-03	3.18E-03	3.14E-03	1.13E-06	3.41E-06	1.97E-06	1.92E-06	1.74E-06	7.96E-07	7.85E-07	3.77E-08	9.10E-07	2.01E-07	2.61E-07	4.14E-07	7.30E-08	4.12E-07	2.31E-06
2973	478726.63	3850071.93	4.95E-03	4.83E-03	4.77E-03	1.71E-06	5.18E-06	3.00E-06	2.92E-06	2.65E-06	1.21E-06	1.19E-06	5.73E-08	1.38E-06	3.05E-07	3.97E-07	6.30E-07	1.11E-07	6.26E-07	3.51E-06
2974	478776.63	3850071.93	4.61E-03	4.50E-03	4.44E-03	1.59E-06	4.82E-06	2.79E-06	2.72E-06	2.47E-06	1.13E-06	1.11E-06	5.33E-08	1.29E-06	2.84E-07	3.69E-07	5.86E-07	1.03E-07	5.83E-07	3.26E-06
2975	478826.63	3850071.93	4.31E-03	4.20E-03	4.15E-03	1.49E-06	4.50E-06	2.61E-06	2.54E-06	2.31E-06	1.05E-06	1.04E-06	4.98E-08	1.20E-06	2.65E-07	3.45E-07	5.48E-07	9.65E-08	5.45E-07	3.05E-06
2976	478876.63	3850071.93	4.05E-03	3.95E-03	3.90E-03	1.40E-06	4.23E-06	2.45E-06	2.39E-06	2.17E-06	9.88E-07	9.75E-07	4.68E-08	1.13E-06	2.49E-07	3.24E-07	5.15E-07	9.07E-08	5.12E-07	2.87E-06
2977	478976.63	3850071.93	3.61E-03	3.52E-03	3.48E-03	1.25E-06	3.77E-06	2.18E-06	2.13E-06	1.93E-06	8.82E-07	8.70E-07	4.17E-08	1.01E-06	2.22E-07	2.89E-07	4.59E-07	8.09E-08	4.57E-07	2.56E-06
2978	478726.63	3850121.93	5.85E-03	5.71E-03	5.63E-03	2.02E-06	6.11E-06	3.54E-06	3.45E-06	3.13E-06	1.43E-06	1.41E-06	6.76E-08	1.63E-06	3.60E-07	4.69E-07	7.44E-07	1.31E-07	7.40E-07	4.14E-06
2979	478776.63	3850121.93	5.37E-03	5.24E-03	5.17E-03	1.86E-06	5.61E-06	3.25E-06	3.17E-06	2.87E-06	1.31E-06	1.29E-06	6.21E-08	1.50E-06	3.31E-07	4.30E-07	6.83E-07	1.20E-07	6.79E-07	3.80E-06
2980	478826.63	3850121.93	4.96E-03	4.84E-03	4.78E-03	1.72E-06	5.19E-06	3.00E-06	2.93E-06	2.66E-06	1.21E-06	1.20E-06	5.74E-08	1.39E-06	3.06E-07	3.98E-07	6.31E-07	1.11E-07	6.28E-07	3.52E-06
2981	478876.63	3850121.93	4.62E-03	4.50E-03	4.44E-03	1.60E-06	4.82E-06	2.79E-06	2.73E-06	2.47E-06	1.13E-06	1.11E-06	5.34E-08	1.29E-06	2.84E-07	3.70E-07	5.87E-07	1.03E-07	5.84E-07	3.27E-06
2982	478976.63	3850121.93	4.05E-03	3.96E-03	3.90E-03	1.40E-06	4.24E-06	2.45E-06	2.39E-06	2.17E-06	9.90E-07	9.77E-07	4.69E-08	1.13E-06	2.50E-07	3.25E-07	5.16E-07	9.09E-08	5.13E-07	2.87E-06
2983	479026.63	3850121.93	3.82E-03	3.73E-03	3.68E-03	1.32E-06	4.00E-06	2.31E-06	2.26E-06	2.05E-06	9.34E-07	9.21E-07	4.42E-08	1.07E-06	2.36E-07	3.07E-07	4.86E-07	8.57E-08	4.84E-07	2.71E-06
2984	479076.63	3850121.93	3.61E-03	3.53E-03	3.48E-03	1.25E-06	3.78E-06	2.19E-06	2.13E-06	1.93E-06	8.83E-07	8.71E-07	4.18E-08	1.01E-06	2.23E-07	2.90E-07	4.60E-07	8.10E-08	4.57E-07	2.56E-06
2985	479126.63	3850121.93	3.43E-03	3.34E-03	3.30E-03	1.19E-06	3.58E-06	2.07E-06	2.02E-06	1.83E-06	8.37E-07	8.26E-07	3.96E-08	9.57E-07	2.11E-07	2.75E-07	4.36E-07	7.68E-08	4.34E-07	2.43E-06
2986	478776.63	3850171.93	6.45E-03	6.29E-03	6.21E-03	2.23E-06	6.74E-06	3.90E-06	3.81E-06	3.45E-06	1.57E-06	1.55E-06	7.45E-08	1.80E-06	3.97E-07	5.17E-07	8.20E-07	1.45E-07	8.16E-07	4.57E-06
2987	478826.63	3850171.93	5.87E-03	5.73E-03	5.65E-03	2.03E-06	6.13E-06	3.55E-06	3.46E-06	3.14E-06	1.43E-06	1.41E-06	6.78E-08	1.64E-06	3.62E-07	4.70E-07	7.46E-07	1.32E-07	7.42E-07	4.16E-06
2988	478876.63	3850171.93	5.38E-03	5.25E-03	5.18E-03	1.86E-06	5.63E-06	3.26E-06	3.18E-06	2.88E-06	1.32E-06	1.30E-06	6.22E-08	1.50E-06	3.32E-07	4.32E-07	6.85E-07	1.21E-07	6.81E-07	3.82E-06
2989	478976.63	3850171.93	4.63E-03	4.52E-03	4.46E-03	1.60E-06	4.84E-06	2.80E-06	2.73E-06	2.48E-06	1.13E-06	1.12E-06	5.35E-08	1.29E-06	2.85E-07	3.71E-07	5.89E-07	1.04E-07	5.85E-07	3.28E-06
2990	479026.63	3850171.93	4.33E-03	4.22E-03	4.17E-03	1.50E-06	4.52E-06	2.62E-06	2.55E-06	2.32E-06	1.06E-06	1.04E-06	5.00E-08	1.21E-06	2.67E-07	3.47E-07	5.50E-07	9.70E-08	5.47E-07	3.07E-06
2991	479076.63	3850171.93	4.06E-03	3.97E-03	3.91E-03	1.41E-06	4.25E-06	2.46E-06	2.40E-06	2.18E-06	9.92E-07	9.79E-07	4.70E-08	1.13E-06	2.50E-07	3.26E-07	5.17E-07	9.11E-08	5.14E-07	2.88E-06
2992	479126.63	3850171.93	3.83E-03	3.74E-03	3.69E-03	1.33E-06	4.00E-06	2.32E-06	2.26E-06	2.05E-06	9.36E-07	9.23E-07	4.43E-08	1.07E-06	2.36E-07	3.07E-07	4.87E-07	8.59E-08	4.84E-07	2.71E-06
2993	479176.63	3850171.93	3.63E-03	3.54E-03	3.49E-03	1.26E-06	3.79E-06	2.19E-06	2.14E-06	1.94E-06	8.85E-07	8.74E-07	4.19E-08	1.01E-06	2.23E-07	2.91E-07	4.61E-07	8.13E-08	4.59E-07	2.57E-06
2994	479226.63	3850171.93	3.45E-03	3.37E-03	3.32E-03	1.19E-06	3.60E-06	2.09E-06	2.04E-06	1.85E-06	8.42E-07	8.31E-07	3.99E-08	9.63E-07	2.12E-07	2.76E-07	4.39E-07	7.73E-08	4.36E-07	2.44E-06
2995	479276.63	3850171.93	3.29E-03	3.21E-03	3.17E-03	1.14E-06	3.44E-06	1.99E-06	1.94E-06	1.76E-06	8.03E-07	7.92E-07	3.80E-08	9.18E-07	2.03E-07	2.64E-07	4.18E-07	7.37E-08	4.16E-07	2.33E-06
2996	479326.63	3850171.93	3.14E-03	3.06E-03	3.02E-03	1.09E-06	3.28E-06	1.90E-06	1.85E-06	1.68E-06	7.66E-07	7.56E-07	3.63E-08	8.76E-07	1.93E-07	2.52E-07	3.99E-07	7.03E-08	3.97E-07	2.22E-06
2997	479376.63	3850171.93	2.99E-03	2.92E-03	2.88E-03	1.04E-06	3.13E-06	1.81E-06	1.77E-06	1.60E-06	7.31E-07	7.22E-07	3.46E-08	8.36E-07	1.84E-07	2.40E-07	3.81E-07	6.71E-08	3.79E-07	2.12E-06
2998	478676.63	3850221.93	1.09E-02	1.06E-02	1.05E-02	3.77E-06	1.14E-05	6.58E-06	6.42E-06	5.82E-06	2.66E-06	2.62E-06	1.26E-07	3.04E-06	6.70E-07	8.72E-07	1.38E-06	2.44E-07	1.38E-06	7.71E-06
2999	478726.63	3850221.93	9.28E-03	9.06E-03	8.94E-03	3.21E-06	9.70E-06	5.62E-06	5.48E-06	4.97E-06	2.27E-06	2.24E-06	1.07E-07	2.59E-06	5.72E-07	7.44E-07	1.18E-06	2.08E-07	1.17E-06	6.58E-06
3000	478976.63	3850221.93	5.40E-03	5.27E-03	5.20E-03	1.87E-06	5.64E-06	3.27E-06	3.19E-06	2.89E-06	1.32E-06	1.30E-06	6.24E-08	1.51E-06	3.33E-07	4.33E-07	6.86E-07	1.21E-07	6.83E-07	3.83E-06
3001	479026.63	3850221.93	4.99E-03	4.87E-03	4.80E-03	1.73E-06	5.21E-06	3.02E-06	2.94E-06	2.67E-06	1.22E-06	1.20E-06	5.77E-08	1.39E-06	3.07E-07	4.00E-07	6.34E-07	1.12E-07	6.31E-07	3.53E-06
3002	479076.63	3850221.93	4.64E-03	4.53E-03	4.47E-03	1.61E-06	4.85E-06	2.81E-06	2.74E-06	2.48E-06	1.13E-06	1.12E-06	5.36E-08	1.30E-06	2.86E-07	3.72E-07	5.90E-07	1.04E-07	5.87E-07	3.29E-06
3003	479126.63	3850221.93	4.34E-03	4.23E-03	4.18E-03	1.50E-06	4.53E-06	2.62E-06	2.56E-06	2.32E-06	1.06E-06	1.05E-06	5.01E-08	1.21E-06	2.67E-07	3.48E-07	5.52E-07	9.72E-08	5.49E-07	3.07E-06
3004	479176.63	3850221.93	4.08E-03	3.98E-03	3.92E-03	1.41E-06	4.26E-06	2.47E-06	2.41E-06	2.18E-06	9.95E-07	9.82E-07	4.71E-08	1.14E-06	2.51E-07	3.27E-07	5.18E-07	9.13E-08	5.15E-07	2.89E-06
3005	479226.63	3850221.93	3.84E-03	3.75E-03	3.70E-03	1.33E-06	4.02E-06	2.33E-06	2.27E-06	2.06E-06	9.39E-07	9.26E-07	4.44E-08	1.07E-06	2.37E-07	3.08E-07	4.89E-07	8.62E-08	4.86E-07	2.72E-06
3006	479276.63	3850221.93	3.64E-03	3.55E-03	3.50E-03	1.26E-06	3.80E-06	2.20E-06	2.15E-06	1.95E-06	8.89E-07	8.77E-07	4.21E-08	1.02E-06	2.24E-07	2.92E-07	4.63E-07	8.16E-08	4.60E-07	2.58E-06
3007	479326.63	3850221.93	3.46E-03	3.37E-03	3.33E-03	1.20E-06	3.61E-06	2.09E-06	2.04E-06	1.85E-06	8.44E-07	8.33E-07	4.00E-08	9.65E-07	2.13E-07	2.77E-07	4.40E-07	7.75E-08	4.37E-07	2.45E-06
3008	479376.63	3850221.93	3.29E-03	3.21E-03	3.17E-03	1.14E-06	3.44E-06	1.99E-06	1.94E-06	1.76E-06	8.04E-07	7.93E-07	3.80E-08	9.19E-07	2.03E-07	2.64E-07	4.18E-07	7.38E-08	4.16E-07	2.33E-06
3009	478676.63	3850271.93	1.66E-02	1.62E-02	1.60E-02	5.75E-06	1.73E-05	1.00E-05	9.80E-06	8.88E-06	4.05E-06	4.00E-06	1.92E-07	4.63E-06	1.02E-06	1.33E-06	2.11E-06	3.72E-07	2.10E-06	1.18E-05
3010	478726.63	3850271.93	1.32E-02	1.29E-02	1.27E-02	4.57E-06	1.38E-05	7.99E-06	7.79E-06	7.06E-06	3.22E-06	3.18E-06	1.53E-07	3.69E-06	8.13E-07	1.06E-06	1.68E-06	2.96E-07	1.67E-06	9.35E-06
3011	478976.63	3850271.93	6.50E-03	6.34E-03	6.26E-03	2.25E-06	6.79E-06	3.93E-06	3.84E-06	3.48E-06	1.59E-06	1.57E-06	7.51E-08	1.81E-06	4.00E-07	5.21E-07	8.26E-07	1.46E-07	8.22E-07	4.60E-06
3012	479026.63	3850271.93	5.90E-03	5.76E-03	5.68E-03	2.04E-06	6.17E-06	3.57E-06	3.49E-06	3.16E-06	1.44E-06	1.42E-06	6.82E-08	1.65E-06	3.64E-07	4.73E-07	7.51E-07	1.32E-07	7.47E-07	4.18E-06
3013	479076.63	3850271.93	5.41E-03	5.28E-03	5.21E-03	1.87E-06	5.66E-06	3.28E-06	3.20E-06	2.90E-06	1.32E-06	1.30E-06	6.26E-08	1.51E-06	3.34E-07	4.34E-07	6.89E-07	1.21E-07	6.85E-07	3.84E-06
3014	479126.63	3850271.93	5.00E-03	4.88E-03	4.82E-03	1.73E-06	5.23E-06	3.03E-06	2.95E-06	2.68E-06	1.22E-06	1.21E-06	5.78E-08	1.40E-06	3.08E-07	4.01E-07	6.36E-07	1.12E-07	6.33E-07	3.55E-06
3015	479176.63	3850271.93	4.65E-03	4.54E-03	4.48E-03	1.61E-06	4.86E-06	2.82E-06	2.75E-06	2.49E-06	1.14E-06	1.12E-06	5.38E-08	1.30E-06	2.87E-07	3.73E-07	5.92E-07	1.04E-07	5.88E-07	3.30E-06
3016	479226.63	3850271.93	4.35E-03	4.24E-03	4.19E-03	1.51E-06	4.55E-06	2.63E-06	2.57E-06	2.33E-06	1.06E-06	1.05E-06	5.03E-08	1.21E-06	2.68E-07	3.49E-07	5.53E-07	9.75E-08	5.50E-07	3.08E-06
3017	479276.63	3850271.93	4.09E-03	3.99E-03	3.93E-03	1.41E-06	4.27E-06	2.47E-06	2.41E-06	2.19E-06	9.98E-07	9.85E-07	4.72E-08	1.14E-06	2.52E-07	3.28E-07	5.20E-07	9.16E-08	5.17E-07	2.90E-06
3018	479326.63	3850271.93	3.86E-03	3.76E-03	3.71E-03	1.33E-06	4.03E-06	2.33E-06	2.28E-06	2.06E-06	9.42E-07	9.29E-07	4.46E-08	1.08E-06	2.38E-07	3.09E-07	4.90E-07	8.64E-08	4.88E-07	2.73E-06

3019	479376.63	3850271.93	3.65E-03	3.56E-03	3.51E-03	1.26E-06	3.81E-06	2.21E-06	2.15E-06	1.95E-06	8.90E-07	8.78E-07	4.21E-08	1.02E-06	2.25E-07	2.92E-07	4.64E-07	8.17E-08	4.61E-07	2.58E-06
3020	479053.24	3850293.52	6.09E-03	5.95E-03	5.87E-03	2.11E-06	6.37E-06	3.69E-06	3.60E-06	3.26E-06	1.49E-06	1.47E-06	7.04E-08	1.70E-06	3.75E-07	4.88E-07	7.75E-07	1.37E-07	7.71E-07	4.32E-06
3021	479103.24	3850293.52	5.57E-03	5.44E-03	5.37E-03	1.93E-06	5.82E-06	3.37E-06	3.29E-06	2.98E-06	1.36E-06	1.34E-06	6.44E-08	1.56E-06	3.43E-07	4.47E-07	7.09E-07	1.25E-07	7.05E-07	3.95E-06
3022	479153.24	3850293.52	5.14E-03	5.02E-03	4.95E-03	1.78E-06	5.37E-06	3.11E-06	3.03E-06	2.75E-06	1.26E-06	1.24E-06	5.94E-08	1.44E-06	3.17E-07	4.12E-07	6.54E-07	1.15E-07	6.50E-07	3.64E-06
3023	479203.24	3850293.52	4.77E-03	4.65E-03	4.59E-03	1.65E-06	4.98E-06	2.89E-06	2.82E-06	2.55E-06	1.16E-06	1.15E-06	5.51E-08	1.33E-06	2.94E-07	3.82E-07	6.06E-07	1.07E-07	6.03E-07	3.38E-06
3024	479253.24	3850293.52	4.45E-03	4.34E-03	4.29E-03	1.54E-06	4.65E-06	2.69E-06	2.63E-06	2.38E-06	1.09E-06	1.07E-06	5.14E-08	1.24E-06	2.74E-07	3.57E-07	5.66E-07	9.98E-08	5.63E-07	3.15E-06
3025	479303.24	3850293.52	4.18E-03	4.08E-03	4.02E-03	1.45E-06	4.37E-06	2.53E-06	2.47E-06	2.24E-06	1.02E-06	1.01E-06	4.83E-08	1.17E-06	2.57E-07	3.35E-07	5.31E-07	9.36E-08	5.28E-07	2.96E-06
3026	479353.24	3850293.52	3.93E-03	3.84E-03	3.79E-03	1.36E-06	4.11E-06	2.38E-06	2.32E-06	2.10E-06	9.60E-07	9.48E-07	4.55E-08	1.10E-06	2.42E-07	3.15E-07	5.00E-07	8.81E-08	4.97E-07	2.79E-06
3027	479153.24	3850343.52	6.12E-03	5.97E-03	5.89E-03	2.12E-06	6.40E-06	3.70E-06	3.61E-06	3.28E-06	1.49E-06	1.47E-06	7.07E-08	1.71E-06	3.77E-07	4.91E-07	7.78E-07	1.37E-07	7.74E-07	4.34E-06
3028	479203.24	3850343.52	5.60E-03	5.46E-03	5.39E-03	1.94E-06	5.85E-06	3.39E-06	3.30E-06	2.99E-06	1.37E-06	1.35E-06	6.47E-08	1.56E-06	3.45E-07	4.49E-07	7.12E-07	1.25E-07	7.08E-07	3.96E-06
3029	479253.24	3850343.52	5.16E-03	5.04E-03	4.97E-03	1.79E-06	5.40E-06	3.12E-06	3.05E-06	2.76E-06	1.26E-06	1.24E-06	5.97E-08	1.44E-06	3.18E-07	4.14E-07	6.56E-07	1.16E-07	6.53E-07	3.66E-06
3030	479303.24	3850343.52	4.79E-03	4.68E-03	4.62E-03	1.66E-06	5.01E-06	2.90E-06	2.83E-06	2.57E-06	1.17E-06	1.16E-06	5.54E-08	1.34E-06	2.95E-07	3.84E-07	6.10E-07	1.07E-07	6.06E-07	3.40E-06
3031	479353.24	3850343.52	4.47E-03	4.36E-03	4.30E-03	1.55E-06	4.67E-06	2.71E-06	2.64E-06	2.39E-06	1.09E-06	1.08E-06	5.17E-08	1.25E-06	2.75E-07	3.58E-07	5.69E-07	1.00E-07	5.65E-07	3.17E-06
3032	479203.24	3850393.52	6.80E-03	6.63E-03	6.55E-03	2.35E-06	7.11E-06	4.11E-06	4.01E-06	3.64E-06	1.66E-06	1.64E-06	7.86E-08	1.90E-06	4.19E-07	5.45E-07	8.65E-07	1.52E-07	8.60E-07	4.82E-06
3033	479253.24	3850393.52	6.16E-03	6.01E-03	5.93E-03	2.13E-06	6.44E-06	3.73E-06	3.64E-06	3.30E-06	1.50E-06	1.48E-06	7.12E-08	1.72E-06	3.80E-07	4.94E-07	7.84E-07	1.38E-07	7.79E-07	4.37E-06
3034	479303.24	3850393.52	5.64E-03	5.50E-03	5.43E-03	1.95E-06	5.89E-06	3.41E-06	3.33E-06	3.02E-06	1.38E-06	1.36E-06	6.52E-08	1.57E-06	3.47E-07	4.52E-07	7.17E-07	1.26E-07	7.13E-07	4.00E-06
3035	479353.24	3850393.52	5.19E-03	5.07E-03	5.00E-03	1.80E-06	5.43E-06	3.14E-06	3.07E-06	2.78E-06	1.27E-06	1.25E-06	6.00E-08	1.45E-06	3.20E-07	4.16E-07	6.61E-07	1.16E-07	6.57E-07	3.68E-06
3036	479403.24	3850393.52	4.81E-03	4.69E-03	4.63E-03	1.67E-06	5.03E-06	2.91E-06	2.84E-06	2.58E-06	1.18E-06	1.16E-06	5.56E-08	1.34E-06	2.96E-07	3.86E-07	6.12E-07	1.08E-07	6.08E-07	3.41E-06
3037	479453.24	3850393.52	4.47E-03	4.37E-03	4.31E-03	1.55E-06	4.68E-06	2.71E-06	2.64E-06	2.39E-06	1.09E-06	1.08E-06	5.17E-08	1.25E-06	2.76E-07	3.59E-07	5.69E-07	1.00E-07	5.66E-07	3.17E-06
3038	479503.24	3850393.52	4.17E-03	4.07E-03	4.01E-03	1.44E-06	4.36E-06	2.52E-06	2.46E-06	2.23E-06	1.02E-06	1.00E-06	4.82E-08	1.16E-06	2.57E-07	3.34E-07	5.30E-07	9.34E-08	5.27E-07	2.95E-06
3039	479303.24	3850443.52	6.87E-03	6.70E-03	6.61E-03	2.38E-06	7.18E-06	4.16E-06	4.06E-06	3.68E-06	1.68E-06	1.66E-06	7.94E-08	1.92E-06	4.23E-07	5.51E-07	8.73E-07	1.54E-07	8.69E-07	4.87E-06
3040	479353.24	3850443.52	6.21E-03	6.06E-03	5.98E-03	2.15E-06	6.49E-06	3.76E-06	3.67E-06	3.33E-06	1.52E-06	1.50E-06	7.18E-08	1.73E-06	3.83E-07	4.98E-07	7.90E-07	1.39E-07	7.86E-07	4.40E-06
3041	479403.24	3850443.52	5.66E-03	5.52E-03	5.45E-03	1.96E-06	5.92E-06	3.43E-06	3.34E-06	3.03E-06	1.38E-06	1.36E-06	6.54E-08	1.58E-06	3.49E-07	4.54E-07	7.20E-07	1.27E-07	7.16E-07	4.01E-06
3042	479453.24	3850443.52	5.19E-03	5.06E-03	5.00E-03	1.80E-06	5.42E-06	3.14E-06	3.06E-06	2.78E-06	1.27E-06	1.25E-06	6.00E-08	1.45E-06	3.20E-07	4.16E-07	6.60E-07	1.16E-07	6.56E-07	3.68E-06
3043	479503.24	3850443.52	4.78E-03	4.66E-03	4.60E-03	1.65E-06	5.00E-06	2.89E-06	2.82E-06	2.56E-06	1.17E-06	1.15E-06	5.52E-08	1.33E-06	2.94E-07	3.83E-07	6.08E-07	1.07E-07	6.04E-07	3.39E-06
3044	480327.18	3850987.04	8.39E-03	8.19E-03	8.08E-03	2.90E-06	8.77E-06	5.08E-06	4.95E-06	4.49E-06	2.05E-06	2.02E-06	9.70E-08	2.34E-06	5.17E-07	6.73E-07	1.07E-06	1.88E-07	1.06E-06	5.94E-06
3045	480377.18	3850987.04	7.41E-03	7.23E-03	7.13E-03	2.56E-06	7.74E-06	4.48E-06	4.37E-06	3.97E-06	1.81E-06	1.79E-06	8.57E-08	2.07E-06	4.57E-07	5.94E-07	9.42E-07	1.66E-07	9.37E-07	5.25E-06
3046	480427.18	3850987.04	6.62E-03	6.46E-03	6.37E-03	2.29E-06	6.92E-06	4.01E-06	3.91E-06	3.54E-06	1.62E-06	1.60E-06	7.65E-08	1.85E-06	4.08E-07	5.31E-07	8.42E-07	1.48E-07	8.37E-07	4.69E-06
3047	480477.18	3850987.04	5.96E-03	5.82E-03	5.74E-03	2.06E-06	6.23E-06	3.61E-06	3.52E-06	3.19E-06	1.46E-06	1.44E-06	6.89E-08	1.66E-06	3.67E-07	4.78E-07	7.58E-07	1.34E-07	7.54E-07	4.22E-06
3048	480327.18	3851037.04	1.15E-02	1.12E-02	1.11E-02	3.98E-06	1.20E-05	6.96E-06	6.79E-06	6.15E-06	2.81E-06	2.77E-06	1.33E-07	3.21E-06	7.08E-07	9.22E-07	1.46E-06	2.58E-07	1.45E-06	8.15E-06
3049	480377.18	3851037.04	9.75E-03	9.51E-03	9.38E-03	3.37E-06	1.02E-05	5.90E-06	5.75E-06	5.22E-06	2.38E-06	2.35E-06	1.13E-07	2.72E-06	6.00E-07	7.81E-07	1.24E-06	2.18E-07	1.23E-06	6.91E-06
3050	480427.18	3851037.04	8.43E-03	8.22E-03	8.11E-03	2.92E-06	8.81E-06	5.10E-06	4.97E-06	4.51E-06	2.06E-06	2.03E-06	9.74E-08	2.35E-06	5.19E-07	6.75E-07	1.07E-06	1.89E-07	1.07E-06	5.97E-06
3051	480477.18	3851037.04	7.41E-03	7.23E-03	7.13E-03	2.56E-06	7.74E-06	4.48E-06	4.37E-06	3.97E-06	1.81E-06	1.79E-06	8.57E-08	2.07E-06	4.57E-07	5.94E-07	9.42E-07	1.66E-07	9.37E-07	5.25E-06
3052	480622.06	3851087.39	6.68E-03	6.52E-03	6.43E-03	2.31E-06	6.98E-06	4.04E-06	3.95E-06	3.58E-06	1.63E-06	1.61E-06	7.72E-08	1.87E-06	4.12E-07	5.36E-07	8.50E-07	1.50E-07	8.45E-07	4.73E-06
3053	480672.06	3851087.39	6.03E-03	5.88E-03	5.80E-03	2.09E-06	6.30E-06	3.65E-06	3.56E-06	3.22E-06	1.47E-06	1.45E-06	6.96E-08	1.68E-06	3.71E-07	4.83E-07	7.66E-07	1.35E-07	7.62E-07	4.27E-06
3054	480622.06	3851137.39	8.59E-03	8.39E-03	8.27E-03	2.97E-06	8.98E-06	5.20E-06	5.07E-06	4.60E-06	2.10E-06	2.07E-06	9.93E-08	2.40E-06	5.29E-07	6.89E-07	1.09E-06	1.93E-07	1.09E-06	6.09E-06
3055	480672.06	3851137.39	7.53E-03	7.35E-03	7.25E-03	2.61E-06	7.87E-06	4.56E-06	4.45E-06	4.03E-06	1.84E-06	1.82E-06	8.71E-08	2.10E-06	4.64E-07	6.04E-07	9.58E-07	1.69E-07	9.53E-07	5.34E-06
3056	480722.06	3851137.39	6.71E-03	6.55E-03	6.47E-03	2.32E-06	7.02E-06	4.06E-06	3.96E-06	3.59E-06	1.64E-06	1.62E-06	7.76E-08	1.87E-06	4.14E-07	5.38E-07	8.54E-07	1.50E-07	8.49E-07	4.76E-06
3057	480622.06	3851187.39	1.20E-02	1.17E-02	1.15E-02	4.15E-06	1.25E-05	7.26E-06	7.08E-06	6.42E-06	2.93E-06	2.89E-06	1.39E-07	3.35E-06	7.39E-07	9.61E-07	1.53E-06	2.69E-07	1.52E-06	8.50E-06
3058	480672.06	3851187.39	1.01E-02	9.81E-03	9.68E-03	3.48E-06	1.05E-05	6.08E-06	5.93E-06	5.38E-06	2.45E-06	2.42E-06	1.16E-07	2.81E-06	6.19E-07	8.06E-07	1.28E-06	2.25E-07	1.27E-06	7.12E-06
3059	480722.06	3851187.39	8.65E-03	8.44E-03	8.33E-03	2.99E-06	9.04E-06	5.23E-06	5.11E-06	4.63E-06	2.11E-06	2.08E-06	1.00E-07	2.41E-06	5.33E-07	6.93E-07	1.10E-06	1.94E-07	1.09E-06	6.13E-06
3060	471363.09	3845877.25	3.08E-04	3.01E-04	2.97E-04	1.07E-07	3.22E-07	1.87E-07	1.82E-07	1.65E-07	7.53E-08	7.43E-08	3.56E-09	8.61E-08	1.90E-08	2.47E-08	3.92E-08	6.91E-09	3.90E-08	2.18E-07
3061	471863.09	3845877.25	3.07E-04	3.00E-04	2.96E-04	1.06E-07	3.21E-07	1.86E-07	1.81E-07	1.64E-07	7.50E-08	7.40E-08	3.55E-09	8.57E-08	1.89E-08	2.46E-08	3.90E-08	6.88E-09	3.88E-08	2.18E-07
3062	472363.09	3845877.25	3.53E-04	3.45E-04	3.40E-04	1.22E-07	3.69E-07	2.14E-07	2.09E-07	1.89E-07	8.63E-08	8.52E-08	4.09E-09	9.87E-08	2.18E-08	2.83E-08	4.50E-08	7.92E-09	4.47E-08	2.50E-07
3063	472863.09	3845877.25	3.41E-04	3.33E-04	3.29E-04	1.18E-07	3.57E-07	2.07E-07	2.02E-07	1.83E-07	8.34E-08	8.23E-08	3.95E-09	9.53E-08	2.10E-08	2.74E-08	4.34E-08	7.65E-09	4.32E-08	2.42E-07
3064	473363.09	3845877.25	3.51E-04	3.42E-04	3.38E-04	1.21E-07	3.67E-07	2.12E-07	2.07E-07	1.88E-07	8.57E-08	8.46E-08	4.06E-09	9.80E-08	2.16E-08	2.81E-08	4.46E-08	7.87E-09	4.44E-08	2.49E-07
3065	473863.09	3845877.25	3.56E-04	3.48E-04	3.43E-04	1.23E-07	3.72E-07	2.16E-07	2.10E-07	1.91E-07	8.70E-08	8.59E-08	4.12E-09	9.95E-08	2.20E-08	2.86E-08	4.53E-08	7.99E-09	4.51E-08	2.53E-07
3066	474363.09	3845877.25	3.78E-04	3.69E-04	3.64E-04	1.31E-07	3.95E-07	2.29E-07	2.23E-07	2.02E-07	9.23E-08	9.11E-08	4.37E-09	1.06E-07	2.33E-08	3.03E-08	4.81E-08	8.47E-09	4.78E-08	2.68E-07
3067	474863.09	3845877.25	3.89E-04	3.80E-04	3.75E-04	1.35E-07	4.07E-07	2.35E-07	2.30E-07	2.08E-07	9.50E-08	9.38E-08	4.50E-09	1.09E-07	2.40E-08	3.12E-08	4.95E-08	8.72E-09	4.92E-08	2.76E-07
3068	475363.09	3845877.25	3.92E-04	3.83E-04	3.78E-04	1.36E-07	4.10E-07	2.37E-07	2.32E-07	2.10E-07	9.59E-08	9.46E-08	4.54E-09	1.10E-07	2.42E-08	3.15E-08	4.99E-08	8.80E-09	4.96E-08	2.78E-07
3069	475863.09	3845877.25	3.83E-04	3.73E-04	3.68E-04	1.32E-07	4.00E-07	2.31E-07	2.26E-07	2.05E-07	9.34E-08	9.22E-08	4.42E-09	1.07E-07	2.36E-08	3.07E-08	4.86E-08	8.57E-09	4.84E-08	2.71E-07
3070	476363.09	3845877.25	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
3071	476863.09	3845877.25	3.44E-04	3.35E-04	3.31E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.39E-08	8.28E-08	3.97E-09	9.59E-08	2.12E-08	2.75E-08	4.37E-08	7.70E-09	4.34E-08	2.43E-07
3072	477363.09	3845877.25	3.26E-04	3.18E-04	3.14E-04	1.13E-07	3.41E-07	1.97E-07	1.93E-07	1.75E-07	7.96E-08	7.86E-08	3.77E-09	9.11E-08	2.01E-08	2.61E-08	4.15E-08	7.31E-09	4.12E-08	2.31E-07
3073	477863.09	3845877.25	3.06E-04	2.98E-04	2.94E-04	1.06E-07	3.20E-07	1.85E-07	1.81E-07	1.64E-07	7.47E-08	7.37E-08	3.53E-09	8.54E-08	1.88E-08	2.45E-08	3.89E-08	6.85E-09	3.87E-08	2.17E-07

3074	478363.09	3845877.25	2.93E-04	2.86E-04	2.82E-04	1.02E-07	3.07E-07	1.77E-07	1.73E-07	1.57E-07	7.16E-08	7.07E-08	3.39E-09	8.19E-08	1.81E-08	2.35E-08	3.73E-08	6.57E-09	3.71E-08	2.08E-07
3075	478863.09	3845877.25	2.83E-04	2.76E-04	2.72E-04	9.78E-08	2.95E-07	1.71E-07	1.67E-07	1.51E-07	6.90E-08	6.81E-08	3.27E-09	7.89E-08	1.74E-08	2.26E-08	3.59E-08	6.33E-09	3.57E-08	2.00E-07
3076	479363.09	3845877.25	2.77E-04	2.70E-04	2.67E-04	9.59E-08	2.90E-07	1.68E-07	1.64E-07	1.48E-07	6.77E-08	6.68E-08	3.20E-09	7.74E-08	1.71E-08	2.22E-08	3.52E-08	6.21E-09	3.50E-08	1.96E-07
3077	479863.09	3845877.25	2.66E-04	2.60E-04	2.56E-04	9.22E-08	2.78E-07	1.61E-07	1.57E-07	1.43E-07	6.50E-08	6.42E-08	3.08E-09	7.44E-08	1.64E-08	2.14E-08	3.39E-08	5.97E-09	3.37E-08	1.89E-07
3078	480363.09	3845877.25	2.49E-04	2.43E-04	2.39E-04	8.60E-08	2.60E-07	1.50E-07	1.47E-07	1.33E-07	6.07E-08	5.99E-08	2.87E-09	6.94E-08	1.53E-08	1.99E-08	3.16E-08	5.57E-09	3.14E-08	1.76E-07
3079	480863.09	3845877.25	2.37E-04	2.32E-04	2.28E-04	8.21E-08	2.48E-07	1.44E-07	1.40E-07	1.27E-07	5.80E-08	5.72E-08	2.74E-09	6.63E-08	1.46E-08	1.90E-08	3.02E-08	5.32E-09	3.00E-08	1.68E-07
3080	481363.09	3845877.25	2.28E-04	2.22E-04	2.19E-04	7.88E-08	2.38E-07	1.38E-07	1.34E-07	1.22E-07	5.56E-08	5.49E-08	2.63E-09	6.36E-08	1.40E-08	1.83E-08	2.90E-08	5.10E-09	2.88E-08	1.61E-07
3081	481863.09	3845877.25	2.17E-04	2.12E-04	2.09E-04	7.51E-08	2.27E-07	1.31E-07	1.28E-07	1.16E-07	5.30E-08	5.23E-08	2.51E-09	6.06E-08	1.34E-08	1.74E-08	2.76E-08	4.86E-09	2.74E-08	1.54E-07
3082	482363.09	3845877.25	2.06E-04	2.01E-04	1.99E-04	7.14E-08	2.16E-07	1.25E-07	1.22E-07	1.10E-07	5.04E-08	4.97E-08	2.38E-09	5.76E-08	1.27E-08	1.65E-08	2.62E-08	4.62E-09	2.61E-08	1.46E-07
3083	482863.09	3845877.25	1.84E-04	1.79E-04	1.77E-04	6.36E-08	1.92E-07	1.11E-07	1.09E-07	9.84E-08	4.49E-08	4.43E-08	2.12E-09	5.13E-08	1.13E-08	1.47E-08	2.34E-08	4.12E-09	2.32E-08	1.30E-07
3084	483363.09	3845877.25	1.73E-04	1.68E-04	1.66E-04	5.97E-08	1.80E-07	1.04E-07	1.02E-07	9.24E-08	4.21E-08	4.16E-08	2.00E-09	4.82E-08	1.06E-08	1.38E-08	2.19E-08	3.87E-09	2.18E-08	1.22E-07
3085	483863.09	3845877.25	1.86E-04	1.82E-04	1.79E-04	6.45E-08	1.95E-07	1.13E-07	1.10E-07	9.97E-08	4.55E-08	4.49E-08	2.15E-09	5.20E-08	1.15E-08	1.49E-08	2.37E-08	4.18E-09	2.36E-08	1.32E-07
3086	484363.09	3845877.25	1.84E-04	1.80E-04	1.77E-04	6.38E-08	1.93E-07	1.11E-07	1.09E-07	9.86E-08	4.50E-08	4.44E-08	2.13E-09	5.14E-08	1.13E-08	1.48E-08	2.34E-08	4.13E-09	2.33E-08	1.31E-07
3087	484863.09	3845877.25	1.80E-04	1.76E-04	1.73E-04	6.23E-08	1.88E-07	1.09E-07	1.06E-07	9.64E-08	4.40E-08	4.34E-08	2.08E-09	5.03E-08	1.11E-08	1.44E-08	2.29E-08	4.04E-09	2.28E-08	1.28E-07
3088	485363.09	3845877.25	1.74E-04	1.70E-04	1.67E-04	6.02E-08	1.82E-07	1.05E-07	1.03E-07	9.30E-08	4.25E-08	4.19E-08	2.01E-09	4.85E-08	1.07E-08	1.39E-08	2.21E-08	3.90E-09	2.20E-08	1.23E-07
3089	485863.09	3845877.25	1.73E-04	1.69E-04	1.67E-04	6.00E-08	1.81E-07	1.05E-07	1.02E-07	9.28E-08	4.24E-08	4.18E-08	2.00E-09	4.84E-08	1.07E-08	1.39E-08	2.21E-08	3.89E-09	2.19E-08	1.23E-07
3090	486363.09	3845877.25	1.71E-04	1.67E-04	1.65E-04	5.92E-08	1.79E-07	1.03E-07	1.01E-07	9.15E-08	4.17E-08	4.12E-08	1.98E-09	4.77E-08	1.05E-08	1.37E-08	2.17E-08	3.83E-09	2.16E-08	1.21E-07
3091	486863.09	3845877.25	1.64E-04	1.60E-04	1.58E-04	5.69E-08	1.72E-07	9.94E-08	9.70E-08	8.79E-08	4.01E-08	3.96E-08	1.90E-09	4.59E-08	1.01E-08	1.32E-08	2.09E-08	3.68E-09	2.08E-08	1.16E-07
3092	487363.09	3845877.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
3093	487863.09	3845877.25	1.56E-04	1.52E-04	1.50E-04	5.40E-08	1.63E-07	9.44E-08	9.21E-08	8.35E-08	3.81E-08	3.76E-08	1.80E-09	4.36E-08	9.61E-09	1.25E-08	1.98E-08	3.50E-09	1.97E-08	1.11E-07
3094	488363.09	3845877.25	1.53E-04	1.49E-04	1.47E-04	5.29E-08	1.60E-07	9.24E-08	9.01E-08	8.17E-08	3.73E-08	3.68E-08	1.76E-09	4.26E-08	9.41E-09	1.22E-08	1.94E-08	3.42E-09	1.93E-08	1.08E-07
3095	488863.09	3845877.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
3096	489363.09	3845877.25	1.58E-04	1.55E-04	1.53E-04	5.49E-08	1.66E-07	9.59E-08	9.36E-08	8.48E-08	3.87E-08	3.82E-08	1.83E-09	4.43E-08	9.76E-09	1.27E-08	2.02E-08	3.55E-09	2.00E-08	1.12E-07
3097	489863.09	3845877.25	1.53E-04	1.49E-04	1.47E-04	5.30E-08	1.60E-07	9.26E-08	9.04E-08	8.19E-08	3.74E-08	3.69E-08	1.77E-09	4.27E-08	9.43E-09	1.23E-08	1.95E-08	3.43E-09	1.94E-08	1.08E-07
3098	490363.09	3845877.25	1.46E-04	1.42E-04	1.40E-04	5.04E-08	1.52E-07	8.81E-08	8.60E-08	7.79E-08	3.56E-08	3.51E-08	1.68E-09	4.07E-08	8.97E-09	1.17E-08	1.85E-08	3.26E-09	1.84E-08	1.03E-07
3099	490863.09	3845877.25	1.32E-04	1.29E-04	1.27E-04	4.57E-08	1.38E-07	7.98E-08	7.79E-08	7.06E-08	3.22E-08	3.18E-08	1.53E-09	3.68E-08	8.13E-09	1.06E-08	1.68E-08	2.96E-09	1.67E-08	9.35E-08
3100	491363.09	3845877.25	1.38E-04	1.35E-04	1.33E-04	4.78E-08	1.44E-07	8.36E-08	8.16E-08	7.39E-08	3.37E-08	3.33E-08	1.60E-09	3.86E-08	8.51E-09	1.11E-08	1.76E-08	3.10E-09	1.75E-08	9.79E-08
3101	491863.09	3845877.25	1.41E-04	1.37E-04	1.35E-04	4.87E-08	1.47E-07	8.51E-08	8.30E-08	7.53E-08	3.43E-08	3.39E-08	1.63E-09	3.93E-08	8.67E-09	1.13E-08	1.79E-08	3.15E-09	1.78E-08	9.97E-08
3102	492363.09	3845877.25	1.31E-04	1.28E-04	1.26E-04	4.52E-08	1.37E-07	7.91E-08	7.72E-08	6.99E-08	3.19E-08	3.15E-08	1.51E-09	3.65E-08	8.05E-09	1.05E-08	1.66E-08	2.93E-09	1.65E-08	9.26E-08
3103	492863.09	3845877.25	1.40E-04	1.37E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.28E-08	7.51E-08	3.42E-08	3.38E-08	1.62E-09	3.92E-08	8.64E-09	1.12E-08	1.78E-08	3.14E-09	1.77E-08	9.94E-08
3104	493363.09	3845877.25	1.43E-04	1.39E-04	1.37E-04	4.94E-08	1.49E-07	8.64E-08	8.43E-08	7.64E-08	3.49E-08	3.44E-08	1.65E-09	3.98E-08	8.79E-09	1.14E-08	1.81E-08	3.20E-09	1.80E-08	1.01E-07
3105	493863.09	3845877.25	1.44E-04	1.41E-04	1.39E-04	5.00E-08	1.51E-07	8.74E-08	8.52E-08	7.73E-08	3.53E-08	3.48E-08	1.67E-09	4.03E-08	8.90E-09	1.16E-08	1.84E-08	3.24E-09	1.83E-08	1.02E-07
3106	494363.09	3845877.25	1.45E-04	1.42E-04	1.40E-04	5.03E-08	1.52E-07	8.79E-08	8.57E-08	7.77E-08	3.55E-08	3.50E-08	1.68E-09	4.05E-08	8.95E-09	1.16E-08	1.85E-08	3.25E-09	1.84E-08	1.03E-07
3107	494863.09	3845877.25	1.45E-04	1.42E-04	1.40E-04	5.03E-08	1.52E-07	8.79E-08	8.57E-08	7.77E-08	3.55E-08	3.50E-08	1.68E-09	4.05E-08	8.95E-09	1.16E-08	1.85E-08	3.25E-09	1.84E-08	1.03E-07
3108	495363.09	3845877.25	1.46E-04	1.43E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	8.62E-08	7.82E-08	3.57E-08	3.52E-08	1.69E-09	4.08E-08	9.00E-09	1.17E-08	1.86E-08	3.27E-09	1.85E-08	1.03E-07
3109	495863.09	3845877.25	1.47E-04	1.43E-04	1.41E-04	5.08E-08	1.54E-07	8.89E-08	8.67E-08	7.86E-08	3.59E-08	3.54E-08	1.70E-09	4.10E-08	9.05E-09	1.18E-08	1.87E-08	3.29E-09	1.86E-08	1.04E-07
3110	496363.09	3845877.25	1.48E-04	1.44E-04	1.42E-04	5.11E-08	1.54E-07	8.94E-08	8.72E-08	7.91E-08	3.61E-08	3.56E-08	1.71E-09	4.12E-08	9.10E-09	1.18E-08	1.88E-08	3.31E-09	1.87E-08	1.05E-07
3111	496863.09	3845877.25	1.47E-04	1.44E-04	1.42E-04	5.10E-08	1.54E-07	8.91E-08	8.70E-08	7.88E-08	3.60E-08	3.55E-08	1.70E-09	4.11E-08	9.07E-09	1.18E-08	1.87E-08	3.30E-09	1.86E-08	1.04E-07
3112	497363.09	3845877.25	1.47E-04	1.43E-04	1.41E-04	5.08E-08	1.54E-07	8.89E-08	8.67E-08	7.86E-08	3.59E-08	3.54E-08	1.70E-09	4.10E-08	9.05E-09	1.18E-08	1.87E-08	3.29E-09	1.86E-08	1.04E-07
3113	497863.09	3845877.25	1.46E-04	1.43E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	8.62E-08	7.82E-08	3.57E-08	3.52E-08	1.69E-09	4.08E-08	9.00E-09	1.17E-08	1.86E-08	3.27E-09	1.85E-08	1.03E-07
3114	498363.09	3845877.25	1.46E-04	1.42E-04	1.40E-04	5.04E-08	1.52E-07	8.81E-08	8.60E-08	7.79E-08	3.56E-08	3.51E-08	1.68E-09	4.07E-08	8.97E-09	1.17E-08	1.85E-08	3.26E-09	1.84E-08	1.03E-07
3115	471363.09	3846377.25	5.66E-03	5.52E-03	5.45E-03	1.96E-06	5.92E-06	3.43E-06	3.34E-06	3.03E-06	1.38E-06	1.36E-06	6.54E-08	1.58E-06	3.49E-07	4.54E-07	7.20E-07	1.27E-07	7.16E-07	4.01E-06
3116	471863.09	3846377.25	4.78E-03	4.66E-03	4.60E-03	1.65E-06	5.00E-06	2.89E-06	2.82E-06	2.56E-06	1.17E-06	1.15E-06	5.53E-08	1.33E-06	2.94E-07	3.83E-07	6.08E-07	1.07E-07	6.05E-07	3.39E-06
3117	472363.09	3846377.25	1.45E-03	1.42E-03	1.40E-03	5.03E-07	1.52E-06	8.80E-07	8.59E-07	7.78E-07	3.55E-07	3.50E-07	1.68E-08	4.06E-07	8.96E-08	1.17E-07	1.85E-07	3.26E-08	1.84E-07	1.03E-06
3118	472863.09	3846377.25	1.01E-03	9.85E-04	9.72E-04	3.49E-07	1.05E-06	6.11E-07	5.96E-07	5.40E-07	2.46E-07	2.43E-07	1.17E-08	2.82E-07	6.22E-08	8.09E-08	1.28E-07	2.26E-08	1.28E-07	7.15E-07
3119	473363.09	3846377.25	7.95E-04	7.76E-04	7.66E-04	2.75E-07	8.31E-07	4.81E-07	4.70E-07	4.26E-07	1.94E-07	1.92E-07	9.19E-09	2.22E-07	4.90E-08	6.38E-08	1.01E-07	1.78E-08	1.01E-07	5.64E-07
3120	473863.09	3846377.25	7.13E-04	6.96E-04	6.87E-04	2.47E-07	7.45E-07	4.32E-07	4.21E-07	3.82E-07	1.74E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	5.72E-08	9.07E-08	1.60E-08	9.02E-08	5.05E-07
3121	474363.09	3846377.25	6.46E-04	6.30E-04	6.22E-04	2.24E-07	6.75E-07	3.91E-07	3.81E-07	3.46E-07	1.58E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.18E-08	8.21E-08	1.45E-08	8.17E-08	4.58E-07
3122	474863.09	3846377.25	6.07E-04	5.92E-04	5.84E-04	2.10E-07	6.34E-07	3.67E-07	3.58E-07	3.25E-07	1.48E-07	1.46E-07	7.01E-09	1.69E-07	3.74E-08	4.86E-08	7.71E-08	1.36E-08	7.67E-08	4.30E-07
3123	475363.09	3846377.25	5.63E-04	5.50E-04	5.42E-04	1.95E-07	5.89E-07	3.41E-07	3.33E-07	3.02E-07	1.38E-07	1.36E-07	6.51E-09	1.57E-07	3.47E-08	4.52E-08	7.16E-08	1.26E-08	7.13E-08	3.99E-07
3124	475863.09	3846377.25	5.30E-04	5.17E-04	5.10E-04	1.83E-07	5.54E-07	3.21E-07	3.13E-07	2.84E-07	1.29E-07	1.28E-07	6.12E-09	1.48E-07	3.26E-08	4.25E-08	6.74E-08	1.19E-08	6.70E-08	3.75E-07
3125	476363.09	3846377.25	4.87E-04	4.75E-04	4.69E-04	1.68E-07	5.09E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.63E-09	1.36E-07	3.00E-08	3.90E-08	6.19E-08	1.09E-08	6.15E-08	3.45E-07
3126	476863.09	3846377.25	4.51E-04	4.40E-04	4.35E-04	1.56E-07	4.72E-07	2.73E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.71E-08	3.20E-07
3127	477363.09	3846377.25	4.20E-04	4.10E-04	4.04E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.85E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.41E-09	5.31E-08	2.98E-07
3128	477863.09	3846377.25	3.87E-04	3.78E-04	3.73E-04	1.34E-07	4.05E-07	2.34E-07	2.29E-07	2.07E-07	9.46E-08	9.34E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.68E-09	4.90E-08	2.75E-07

3129	478363.09	3846377.25	3.63E-04	3.54E-04	3.50E-04	1.26E-07	3.79E-07	2.20E-07	2.14E-07	1.94E-07	8.87E-08	8.75E-08	4.20E-09	1.01E-07	2.24E-08	2.91E-08	4.62E-08	8.14E-09	4.59E-08	2.57E-07
3130	478863.09	3846377.25	3.49E-04	3.40E-04	3.36E-04	1.21E-07	3.65E-07	2.11E-07	2.06E-07	1.87E-07	8.52E-08	8.41E-08	4.03E-09	9.74E-08	2.15E-08	2.80E-08	4.44E-08	7.82E-09	4.41E-08	2.47E-07
3131	479363.09	3846377.25	3.34E-04	3.25E-04	3.21E-04	1.15E-07	3.49E-07	2.02E-07	1.97E-07	1.79E-07	8.15E-08	8.04E-08	3.86E-09	9.31E-08	2.06E-08	2.67E-08	4.24E-08	7.48E-09	4.22E-08	2.36E-07
3132	479863.09	3846377.25	3.16E-04	3.08E-04	3.04E-04	1.09E-07	3.30E-07	1.91E-07	1.87E-07	1.69E-07	7.72E-08	7.62E-08	3.65E-09	8.83E-08	1.95E-08	2.53E-08	4.02E-08	7.09E-09	4.00E-08	2.24E-07
3133	480363.09	3846377.25	3.05E-04	2.98E-04	2.94E-04	1.06E-07	3.19E-07	1.85E-07	1.80E-07	1.63E-07	7.45E-08	7.35E-08	3.52E-09	8.51E-08	1.88E-08	2.44E-08	3.88E-08	6.83E-09	3.86E-08	2.16E-07
3134	480863.09	3846377.25	2.81E-04	2.74E-04	2.70E-04	9.72E-08	2.94E-07	1.70E-07	1.66E-07	1.50E-07	6.86E-08	6.77E-08	3.25E-09	7.84E-08	1.73E-08	2.25E-08	3.57E-08	6.30E-09	3.55E-08	1.99E-07
3135	481363.09	3846377.25	2.69E-04	2.63E-04	2.59E-04	9.32E-08	2.81E-07	1.63E-07	1.59E-07	1.44E-07	6.58E-08	6.49E-08	3.11E-09	7.52E-08	1.66E-08	2.16E-08	3.42E-08	6.03E-09	3.41E-08	1.91E-07
3136	481863.09	3846377.25	2.55E-04	2.49E-04	2.45E-04	8.82E-08	2.66E-07	1.54E-07	1.50E-07	1.36E-07	6.22E-08	6.14E-08	2.94E-09	7.11E-08	1.57E-08	2.04E-08	3.24E-08	5.71E-09	3.22E-08	1.81E-07
3137	482363.09	3846377.25	2.39E-04	2.33E-04	2.30E-04	8.27E-08	2.50E-07	1.45E-07	1.41E-07	1.28E-07	5.84E-08	5.76E-08	2.76E-09	6.67E-08	1.47E-08	1.92E-08	3.04E-08	5.36E-09	3.02E-08	1.69E-07
3138	482863.09	3846377.25	2.18E-04	2.13E-04	2.10E-04	7.55E-08	2.28E-07	1.32E-07	1.29E-07	1.17E-07	5.33E-08	5.26E-08	2.52E-09	6.09E-08	1.34E-08	1.75E-08	2.78E-08	4.89E-09	2.76E-08	1.55E-07
3139	483363.09	3846377.25	2.19E-04	2.14E-04	2.11E-04	7.60E-08	2.29E-07	1.33E-07	1.30E-07	1.17E-07	5.36E-08	5.29E-08	2.54E-09	6.13E-08	1.35E-08	1.76E-08	2.79E-08	4.92E-09	2.78E-08	1.56E-07
3140	483863.09	3846377.25	2.14E-04	2.08E-04	2.06E-04	7.40E-08	2.23E-07	1.29E-07	1.26E-07	1.14E-07	5.22E-08	5.15E-08	2.47E-09	5.97E-08	1.32E-08	1.71E-08	2.72E-08	4.79E-09	2.70E-08	1.51E-07
3141	484363.09	3846377.25	2.02E-04	1.97E-04	1.95E-04	6.99E-08	2.11E-07	1.22E-07	1.19E-07	1.08E-07	4.93E-08	4.87E-08	2.34E-09	5.64E-08	1.24E-08	1.62E-08	2.57E-08	4.53E-09	2.56E-08	1.43E-07
3142	484863.09	3846377.25	2.07E-04	2.02E-04	1.99E-04	7.17E-08	2.16E-07	1.25E-07	1.22E-07	1.11E-07	5.06E-08	4.99E-08	2.39E-09	5.78E-08	1.28E-08	1.66E-08	2.63E-08	4.64E-09	2.62E-08	1.47E-07
3143	485363.09	3846377.25	2.04E-04	1.99E-04	1.97E-04	7.07E-08	2.13E-07	1.24E-07	1.21E-07	1.09E-07	4.99E-08	4.92E-08	2.36E-09	5.70E-08	1.26E-08	1.64E-08	2.60E-08	4.57E-09	2.58E-08	1.45E-07
3144	485863.09	3846377.25	1.96E-04	1.91E-04	1.89E-04	6.78E-08	2.05E-07	1.18E-07	1.16E-07	1.05E-07	4.78E-08	4.72E-08	2.26E-09	5.47E-08	1.21E-08	1.57E-08	2.49E-08	4.39E-09	2.48E-08	1.39E-07
3145	486363.09	3846377.25	1.81E-04	1.77E-04	1.74E-04	6.26E-08	1.89E-07	1.09E-07	1.07E-07	9.68E-08	4.42E-08	4.36E-08	2.09E-09	5.05E-08	1.11E-08	1.45E-08	2.30E-08	4.05E-09	2.29E-08	1.28E-07
3146	486863.09	3846377.25	1.75E-04	1.71E-04	1.69E-04	6.06E-08	1.83E-07	1.06E-07	1.03E-07	9.37E-08	4.28E-08	4.22E-08	2.02E-09	4.89E-08	1.08E-08	1.40E-08	2.23E-08	3.92E-09	2.21E-08	1.24E-07
3147	487363.09	3846377.25	1.76E-04	1.72E-04	1.69E-04	6.09E-08	1.84E-07	1.06E-07	1.04E-07	9.42E-08	4.30E-08	4.24E-08	2.03E-09	4.91E-08	1.08E-08	1.41E-08	2.24E-08	3.94E-09	2.22E-08	1.25E-07
3148	487863.09	3846377.25	1.82E-04	1.77E-04	1.75E-04	6.29E-08	1.90E-07	1.10E-07	1.07E-07	9.73E-08	4.44E-08	4.38E-08	2.10E-09	5.07E-08	1.12E-08	1.46E-08	2.31E-08	4.07E-09	2.30E-08	1.29E-07
3149	488363.09	3846377.25	1.78E-04	1.74E-04	1.71E-04	6.16E-08	1.86E-07	1.08E-07	1.05E-07	9.53E-08	4.35E-08	4.29E-08	2.06E-09	4.97E-08	1.10E-08	1.43E-08	2.26E-08	3.99E-09	2.25E-08	1.26E-07
3150	488863.09	3846377.25	1.75E-04	1.71E-04	1.69E-04	6.07E-08	1.83E-07	1.06E-07	1.04E-07	9.39E-08	4.29E-08	4.23E-08	2.03E-09	4.90E-08	1.08E-08	1.41E-08	2.23E-08	3.93E-09	2.22E-08	1.24E-07
3151	489363.09	3846377.25	1.73E-04	1.68E-04	1.66E-04	5.97E-08	1.80E-07	1.04E-07	1.02E-07	9.24E-08	4.21E-08	4.16E-08	2.00E-09	4.82E-08	1.06E-08	1.38E-08	2.19E-08	3.87E-09	2.18E-08	1.22E-07
3152	489863.09	3846377.25	1.67E-04	1.63E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	9.85E-08	8.93E-08	4.07E-08	4.02E-08	1.93E-09	4.66E-08	1.03E-08	1.34E-08	2.12E-08	3.74E-09	2.11E-08	1.18E-07
3153	490363.09	3846377.25	1.53E-04	1.49E-04	1.47E-04	5.29E-08	1.60E-07	9.24E-08	9.01E-08	8.17E-08	3.73E-08	3.68E-08	1.76E-09	4.26E-08	9.41E-09	1.22E-08	1.94E-08	3.42E-09	1.93E-08	1.08E-07
3154	490863.09	3846377.25	1.46E-04	1.43E-04	1.41E-04	5.06E-08	1.53E-07	8.84E-08	8.62E-08	7.82E-08	3.57E-08	3.52E-08	1.69E-09	4.08E-08	9.00E-09	1.17E-08	1.86E-08	3.27E-09	1.85E-08	1.03E-07
3155	491363.09	3846377.25	1.44E-04	1.40E-04	1.38E-04	4.97E-08	1.50E-07	8.69E-08	8.48E-08	7.68E-08	3.51E-08	3.46E-08	1.66E-09	4.01E-08	8.84E-09	1.15E-08	1.83E-08	3.22E-09	1.82E-08	1.02E-07
3156	491863.09	3846377.25	1.51E-04	1.48E-04	1.46E-04	5.24E-08	1.58E-07	9.16E-08	8.94E-08	8.10E-08	3.70E-08	3.65E-08	1.75E-09	4.23E-08	9.33E-09	1.21E-08	1.93E-08	3.39E-09	1.92E-08	1.07E-07
3157	492363.09	3846377.25	1.48E-04	1.44E-04	1.42E-04	5.11E-08	1.54E-07	8.94E-08	8.72E-08	7.91E-08	3.61E-08	3.56E-08	1.71E-09	4.12E-08	9.10E-09	1.18E-08	1.88E-08	3.31E-09	1.87E-08	1.05E-07
3158	492863.09	3846377.25	1.47E-04	1.44E-04	1.42E-04	5.10E-08	1.54E-07	8.91E-08	8.70E-08	7.88E-08	3.60E-08	3.55E-08	1.70E-09	4.11E-08	9.07E-09	1.18E-08	1.87E-08	3.30E-09	1.86E-08	1.04E-07
3159	493363.09	3846377.25	1.52E-04	1.49E-04	1.47E-04	5.27E-08	1.59E-07	9.21E-08	8.99E-08	8.15E-08	3.72E-08	3.67E-08	1.76E-09	4.25E-08	9.38E-09	1.22E-08	1.94E-08	3.41E-09	1.93E-08	1.08E-07
3160	493863.09	3846377.25	1.54E-04	1.50E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.06E-08	8.22E-08	3.75E-08	3.70E-08	1.77E-09	4.29E-08	9.46E-09	1.23E-08	1.95E-08	3.44E-09	1.94E-08	1.09E-07
3161	494363.09	3846377.25	1.54E-04	1.50E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.06E-08	8.22E-08	3.75E-08	3.70E-08	1.77E-09	4.29E-08	9.46E-09	1.23E-08	1.95E-08	3.44E-09	1.94E-08	1.09E-07
3162	494863.09	3846377.25	1.54E-04	1.51E-04	1.49E-04	5.34E-08	1.61E-07	9.34E-08	9.11E-08	8.26E-08	3.77E-08	3.72E-08	1.78E-09	4.31E-08	9.51E-09	1.24E-08	1.96E-08	3.46E-09	1.95E-08	1.09E-07
3163	495363.09	3846377.25	1.54E-04	1.51E-04	1.49E-04	5.34E-08	1.61E-07	9.34E-08	9.11E-08	8.26E-08	3.77E-08	3.72E-08	1.78E-09	4.31E-08	9.51E-09	1.24E-08	1.96E-08	3.46E-09	1.95E-08	1.09E-07
3164	495863.09	3846377.25	1.55E-04	1.51E-04	1.49E-04	5.37E-08	1.62E-07	9.39E-08	9.16E-08	8.30E-08	3.79E-08	3.74E-08	1.79E-09	4.33E-08	9.56E-09	1.24E-08	1.97E-08	3.48E-09	1.96E-08	1.10E-07
3165	496363.09	3846377.25	1.56E-04	1.52E-04	1.50E-04	5.40E-08	1.63E-07	9.44E-08	9.21E-08	8.35E-08	3.81E-08	3.76E-08	1.80E-09	4.36E-08	9.61E-09	1.25E-08	1.98E-08	3.50E-09	1.97E-08	1.11E-07
3166	496863.09	3846377.25	1.56E-04	1.52E-04	1.50E-04	5.39E-08	1.63E-07	9.41E-08	9.19E-08	8.33E-08	3.80E-08	3.75E-08	1.80E-09	4.34E-08	9.59E-09	1.25E-08	1.98E-08	3.49E-09	1.97E-08	1.10E-07
3167	497363.09	3846377.25	1.55E-04	1.51E-04	1.49E-04	5.37E-08	1.62E-07	9.39E-08	9.16E-08	8.30E-08	3.79E-08	3.74E-08	1.79E-09	4.33E-08	9.56E-09	1.24E-08	1.97E-08	3.48E-09	1.96E-08	1.10E-07
3168	497863.09	3846377.25	1.54E-04	1.51E-04	1.49E-04	5.34E-08	1.61E-07	9.34E-08	9.11E-08	8.26E-08	3.77E-08	3.72E-08	1.78E-09	4.31E-08	9.51E-09	1.24E-08	1.96E-08	3.46E-09	1.95E-08	1.09E-07
3169	498363.09	3846377.25	1.53E-04	1.49E-04	1.47E-04	5.29E-08	1.60E-07	9.24E-08	9.01E-08	8.17E-08	3.73E-08	3.68E-08	1.76E-09	4.26E-08	9.41E-09	1.22E-08	1.94E-08	3.42E-09	1.93E-08	1.08E-07
3170	471363.09	3846877.25	7.77E-04	7.59E-04	7.49E-04	2.69E-07	8.13E-07	4.70E-07	4.59E-07	4.16E-07	1.90E-07	1.87E-07	8.99E-09	2.17E-07	4.79E-08	6.23E-08	9.89E-08	1.74E-08	9.83E-08	5.51E-07
3171	471863.09	3846877.25	1.65E-03	1.61E-03	1.59E-03	5.71E-07	1.72E-06	9.98E-07	9.74E-07	8.83E-07	4.03E-07	3.98E-07	1.91E-08	4.61E-07	1.02E-07	1.32E-07	2.10E-07	3.70E-08	2.09E-07	1.17E-06
3172	472363.09	3846877.25	2.09E-02	2.04E-02	2.02E-02	7.25E-06	2.19E-05	1.27E-05	1.24E-05	1.12E-05	5.11E-06	5.04E-06	2.42E-07	5.85E-06	1.29E-06	1.68E-06	2.66E-06	4.69E-07	2.65E-06	1.48E-05
3173	472863.09	3846877.25	2.51E-03	2.45E-03	2.41E-03	8.68E-07	2.62E-06	1.52E-06	1.48E-06	1.34E-06	6.12E-07	6.04E-07	2.90E-08	7.00E-07	1.54E-07	2.01E-07	3.19E-07	5.62E-08	3.17E-07	1.78E-06
3174	473363.09	3846877.25	1.55E-03	1.51E-03	1.49E-03	5.36E-07	1.62E-06	9.37E-07	9.14E-07	8.28E-07	3.78E-07	3.73E-07	1.79E-08	4.32E-07	9.54E-08	1.24E-07	1.97E-07	3.47E-08	1.96E-07	1.10E-06
3175	473863.09	3846877.25	1.25E-03	1.22E-03	1.21E-03	4.33E-07	1.31E-06	7.57E-07	7.39E-07	6.70E-07	3.06E-07	3.02E-07	1.45E-08	3.49E-07	7.71E-08	1.00E-07	1.59E-07	2.81E-08	1.58E-07	8.87E-07
3176	474363.09	3846877.25	1.00E-03	9.80E-04	9.67E-04	3.48E-07	1.05E-06	6.08E-07	5.93E-07	5.38E-07	2.45E-07	2.42E-07	1.16E-08	2.80E-07	6.19E-08	8.05E-08	1.28E-07	2.25E-08	1.27E-07	7.12E-07
3177	474863.09	3846877.25	8.53E-04	8.33E-04	8.22E-04	2.95E-07	8.92E-07	5.16E-07	5.04E-07	4.57E-07	2.08E-07	2.06E-07	9.86E-09	2.38E-07	5.26E-08	6.84E-08	1.09E-07	1.91E-08	1.08E-07	6.05E-07
3178	475363.09	3846877.25	7.44E-04	7.26E-04	7.17E-04	2.58E-07	7.78E-07	4.50E-07	4.39E-07	3.98E-07	1.82E-07	1.79E-07	8.60E-09	2.08E-07	4.59E-08	5.97E-08	9.47E-08	1.67E-08	9.41E-08	5.27E-07
3179	475863.09	3846877.25	6.99E-04	6.82E-04	6.73E-04	2.42E-07	7.31E-07	4.23E-07	4.13E-07	3.74E-07	1.71E-07	1.68E-07	8.08E-09	1.95E-07	4.31E-08	5.60E-08	8.89E-08	1.57E-08	8.84E-08	4.95E-07
3180	476363.09	3846877.25	6.38E-04	6.23E-04	6.14E-04	2.21E-07	6.67E-07	3.86E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.38E-09	1.78E-07	3.93E-08	5.12E-08	8.11E-08	1.43E-08	8.07E-08	4.52E-07
3181	476863.09	3846877.25	5.78E-04	5.64E-04	5.56E-04	2.00E-07	6.04E-07	3.49E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.68E-09	1.61E-07	3.56E-08	4.63E-08	7.34E-08	1.29E-08	7.30E-08	4.09E-07
3182	477363.09	3846877.25	5.31E-04	5.18E-04	5.11E-04	1.84E-07	5.55E-07	3.21E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.75E-08	1.19E-08	6.72E-08	3.76E-07
3183	477863.09	3846877.25	4.84E-04	4.72E-04	4.66E-04	1.67E-07	5.06E-07	2.93E-07	2.86E-07	2.59E-07	1.18E-07	1.17E-07	5.59E-09	1.35E-07	2.98E-08	3.88E-08	6.15E-08	1.08E-08	6.12E-08	3.43E-07

3184	478363.09	3846877.25	4.49E-04	4.38E-04	4.32E-04	1.55E-07	4.69E-07	2.72E-07	2.65E-07	2.40E-07	1.10E-07	1.08E-07	5.19E-09	1.25E-07	2.77E-08	3.60E-08	5.71E-08	1.01E-08	5.68E-08	3.18E-07
3185	478863.09	3846877.25	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.28E-07	1.04E-07	1.02E-07	4.92E-09	1.19E-07	2.62E-08	3.41E-08	5.41E-08	9.53E-09	5.38E-08	3.01E-07
3186	479363.09	3846877.25	3.99E-04	3.89E-04	3.84E-04	1.38E-07	4.17E-07	2.41E-07	2.35E-07	2.13E-07	9.74E-08	9.61E-08	4.61E-09	1.11E-07	2.46E-08	3.20E-08	5.07E-08	8.94E-09	5.04E-08	2.83E-07
3187	479863.09	3846877.25	3.54E-04	3.46E-04	3.41E-04	1.23E-07	3.70E-07	2.14E-07	2.09E-07	1.90E-07	8.65E-08	8.54E-08	4.10E-09	9.89E-08	2.18E-08	2.84E-08	4.51E-08	7.94E-09	4.48E-08	2.51E-07
3188	480363.09	3846877.25	3.23E-04	3.15E-04	3.11E-04	1.12E-07	3.38E-07	1.96E-07	1.91E-07	1.73E-07	7.89E-08	7.79E-08	3.74E-09	9.02E-08	1.99E-08	2.59E-08	4.11E-08	7.24E-09	4.09E-08	2.29E-07
3189	480863.09	3846877.25	3.04E-04	2.97E-04	2.93E-04	1.05E-07	3.18E-07	1.84E-07	1.80E-07	1.63E-07	7.43E-08	7.33E-08	3.52E-09	8.49E-08	1.87E-08	2.44E-08	3.87E-08	6.82E-09	3.85E-08	2.15E-07
3190	481363.09	3846877.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.82E-07	1.77E-07	1.61E-07	7.34E-08	7.24E-08	3.47E-09	8.39E-08	1.85E-08	2.41E-08	3.82E-08	6.73E-09	3.80E-08	2.13E-07
3191	481863.09	3846877.25	2.89E-04	2.82E-04	2.78E-04	1.00E-07	3.02E-07	1.75E-07	1.70E-07	1.55E-07	7.05E-08	6.96E-08	3.34E-09	8.06E-08	1.78E-08	2.31E-08	3.67E-08	6.47E-09	3.65E-08	2.05E-07
3192	482363.09	3846877.25	2.66E-04	2.60E-04	2.56E-04	9.22E-08	2.78E-07	1.61E-07	1.57E-07	1.43E-07	6.50E-08	6.42E-08	3.08E-09	7.44E-08	1.64E-08	2.14E-08	3.39E-08	5.97E-09	3.37E-08	1.89E-07
3193	482863.09	3846877.25	2.57E-04	2.51E-04	2.48E-04	8.90E-08	2.69E-07	1.56E-07	1.52E-07	1.38E-07	6.28E-08	6.20E-08	2.97E-09	7.18E-08	1.58E-08	2.06E-08	3.27E-08	5.77E-09	3.25E-08	1.82E-07
3194	483363.09	3846877.25	2.49E-04	2.43E-04	2.40E-04	8.63E-08	2.61E-07	1.51E-07	1.47E-07	1.33E-07	6.09E-08	6.01E-08	2.88E-09	6.96E-08	1.54E-08	2.00E-08	3.17E-08	5.59E-09	3.15E-08	1.77E-07
3195	483863.09	3846877.25	2.42E-04	2.36E-04	2.33E-04	8.39E-08	2.53E-07	1.47E-07	1.43E-07	1.30E-07	5.92E-08	5.84E-08	2.80E-09	6.77E-08	1.49E-08	1.94E-08	3.08E-08	5.43E-09	3.06E-08	1.72E-07
3196	484363.09	3846877.25	2.39E-04	2.33E-04	2.30E-04	8.26E-08	2.49E-07	1.44E-07	1.41E-07	1.28E-07	5.83E-08	5.75E-08	2.76E-09	6.66E-08	1.47E-08	1.91E-08	3.03E-08	5.35E-09	3.02E-08	1.69E-07
3197	484863.09	3846877.25	2.31E-04	2.25E-04	2.23E-04	8.00E-08	2.42E-07	1.40E-07	1.36E-07	1.24E-07	5.64E-08	5.57E-08	2.67E-09	6.45E-08	1.42E-08	1.85E-08	2.94E-08	5.18E-09	2.92E-08	1.64E-07
3198	485363.09	3846877.25	2.28E-04	2.22E-04	2.19E-04	7.88E-08	2.38E-07	1.38E-07	1.34E-07	1.22E-07	5.56E-08	5.49E-08	2.63E-09	6.36E-08	1.40E-08	1.83E-08	2.90E-08	5.10E-09	2.88E-08	1.61E-07
3199	485863.09	3846877.25	2.19E-04	2.14E-04	2.11E-04	7.60E-08	2.29E-07	1.33E-07	1.30E-07	1.17E-07	5.36E-08	5.29E-08	2.54E-09	6.13E-08	1.35E-08	1.76E-08	2.79E-08	4.92E-09	2.78E-08	1.56E-07
3200	486363.09	3846877.25	2.20E-04	2.15E-04	2.12E-04	7.63E-08	2.30E-07	1.33E-07	1.30E-07	1.18E-07	5.38E-08	5.31E-08	2.55E-09	6.15E-08	1.36E-08	1.77E-08	2.80E-08	4.94E-09	2.79E-08	1.56E-07
3201	486863.09	3846877.25	2.04E-04	1.99E-04	1.96E-04	7.05E-08	2.13E-07	1.23E-07	1.20E-07	1.09E-07	4.97E-08	4.91E-08	2.35E-09	5.69E-08	1.26E-08	1.63E-08	2.59E-08	4.57E-09	2.58E-08	1.44E-07
3202	487363.09	3846877.25	2.03E-04	1.98E-04	1.95E-04	7.02E-08	2.12E-07	1.23E-07	1.20E-07	1.09E-07	4.95E-08	4.89E-08	2.35E-09	5.66E-08	1.25E-08	1.63E-08	2.58E-08	4.55E-09	2.57E-08	1.44E-07
3203	487863.09	3846877.25	1.99E-04	1.94E-04	1.92E-04	6.89E-08	2.08E-07	1.20E-07	1.18E-07	1.07E-07	4.86E-08	4.80E-08	2.30E-09	5.56E-08	1.23E-08	1.60E-08	2.53E-08	4.46E-09	2.52E-08	1.41E-07
3204	488363.09	3846877.25	1.94E-04	1.89E-04	1.87E-04	6.71E-08	2.03E-07	1.17E-07	1.14E-07	1.04E-07	4.73E-08	4.67E-08	2.24E-09	5.41E-08	1.19E-08	1.55E-08	2.46E-08	4.34E-09	2.45E-08	1.37E-07
3205	488863.09	3846877.25	1.91E-04	1.86E-04	1.84E-04	6.61E-08	1.99E-07	1.15E-07	1.13E-07	1.02E-07	4.66E-08	4.60E-08	2.21E-09	5.33E-08	1.18E-08	1.53E-08	2.43E-08	4.28E-09	2.41E-08	1.35E-07
3206	489363.09	3846877.25	1.88E-04	1.84E-04	1.81E-04	6.52E-08	1.97E-07	1.14E-07	1.11E-07	1.01E-07	4.60E-08	4.54E-08	2.18E-09	5.26E-08	1.16E-08	1.51E-08	2.40E-08	4.22E-09	2.38E-08	1.33E-07
3207	489863.09	3846877.25	1.82E-04	1.78E-04	1.75E-04	6.30E-08	1.90E-07	1.10E-07	1.08E-07	9.75E-08	4.45E-08	4.39E-08	2.11E-09	5.09E-08	1.12E-08	1.46E-08	2.32E-08	4.08E-09	2.30E-08	1.29E-07
3208	490363.09	3846877.25	1.69E-04	1.65E-04	1.63E-04	5.86E-08	1.77E-07	1.02E-07	9.99E-08	9.06E-08	4.13E-08	4.08E-08	1.96E-09	4.73E-08	1.04E-08	1.36E-08	2.15E-08	3.79E-09	2.14E-08	1.20E-07
3209	490863.09	3846877.25	1.63E-04	1.60E-04	1.57E-04	5.66E-08	1.71E-07	9.89E-08	9.65E-08	8.75E-08	3.99E-08	3.94E-08	1.89E-09	4.56E-08	1.01E-08	1.31E-08	2.08E-08	3.66E-09	2.07E-08	1.16E-07
3210	491363.09	3846877.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
3211	491863.09	3846877.25	1.56E-04	1.52E-04	1.50E-04	5.40E-08	1.63E-07	9.44E-08	9.21E-08	8.35E-08	3.81E-08	3.76E-08	1.80E-09	4.36E-08	9.61E-09	1.25E-08	1.98E-08	3.50E-09	1.97E-08	1.11E-07
3212	492363.09	3846877.25	1.63E-04	1.60E-04	1.57E-04	5.66E-08	1.71E-07	9.89E-08	9.65E-08	8.75E-08	3.99E-08	3.94E-08	1.89E-09	4.56E-08	1.01E-08	1.31E-08	2.08E-08	3.66E-09	2.07E-08	1.16E-07
3213	492863.09	3846877.25	1.63E-04	1.59E-04	1.57E-04	5.63E-08	1.70E-07	9.84E-08	9.60E-08	8.70E-08	3.97E-08	3.92E-08	1.88E-09	4.54E-08	1.00E-08	1.30E-08	2.07E-08	3.64E-09	2.06E-08	1.15E-07
3214	493363.09	3846877.25	1.63E-04	1.59E-04	1.57E-04	5.64E-08	1.70E-07	9.87E-08	9.63E-08	8.73E-08	3.98E-08	3.93E-08	1.88E-09	4.55E-08	1.00E-08	1.31E-08	2.07E-08	3.65E-09	2.06E-08	1.16E-07
3215	493863.09	3846877.25	1.63E-04	1.59E-04	1.57E-04	5.63E-08	1.70E-07	9.84E-08	9.60E-08	8.70E-08	3.97E-08	3.92E-08	1.88E-09	4.54E-08	1.00E-08	1.30E-08	2.07E-08	3.64E-09	2.06E-08	1.15E-07
3216	494363.09	3846877.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
3217	494863.09	3846877.25	1.61E-04	1.57E-04	1.55E-04	5.57E-08	1.68E-07	9.74E-08	9.50E-08	8.62E-08	3.93E-08	3.88E-08	1.86E-09	4.49E-08	9.92E-09	1.29E-08	2.05E-08	3.61E-09	2.04E-08	1.14E-07
3218	495363.09	3846877.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
3219	495863.09	3846877.25	1.60E-04	1.56E-04	1.54E-04	5.53E-08	1.67E-07	9.66E-08	9.43E-08	8.55E-08	3.90E-08	3.85E-08	1.85E-09	4.46E-08	9.84E-09	1.28E-08	2.03E-08	3.58E-09	2.02E-08	1.13E-07
3220	496363.09	3846877.25	1.59E-04	1.55E-04	1.53E-04	5.51E-08	1.67E-07	9.64E-08	9.41E-08	8.53E-08	3.89E-08	3.84E-08	1.84E-09	4.45E-08	9.82E-09	1.28E-08	2.03E-08	3.57E-09	2.01E-08	1.13E-07
3221	496863.09	3846877.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
3222	497363.09	3846877.25	1.61E-04	1.57E-04	1.55E-04	5.59E-08	1.69E-07	9.77E-08	9.53E-08	8.64E-08	3.94E-08	3.89E-08	1.87E-09	4.51E-08	9.94E-09	1.29E-08	2.05E-08	3.62E-09	2.04E-08	1.14E-07
3223	497863.09	3846877.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
3224	498363.09	3846877.25	1.60E-04	1.56E-04	1.54E-04	5.53E-08	1.67E-07	9.66E-08	9.43E-08	8.55E-08	3.90E-08	3.85E-08	1.85E-09	4.46E-08	9.84E-09	1.28E-08	2.03E-08	3.58E-09	2.02E-08	1.13E-07
3225	471363.09	3847377.25	5.02E-04	4.90E-04	4.84E-04	1.74E-07	5.25E-07	3.04E-07	2.97E-07	2.69E-07	1.23E-07	1.21E-07	5.81E-09	1.40E-07	3.10E-08	4.03E-08	6.39E-08	1.13E-08	6.35E-08	3.56E-07
3226	471863.09	3847377.25	6.86E-04	6.70E-04	6.61E-04	2.38E-07	7.17E-07	4.15E-07	4.05E-07	3.67E-07	1.68E-07	1.65E-07	7.93E-09	1.92E-07	4.23E-08	5.50E-08	8.73E-08	1.54E-08	8.68E-08	4.86E-07
3227	472363.09	3847377.25	1.18E-03	1.15E-03	1.14E-03	4.09E-07	1.24E-06	7.15E-07	6.98E-07	6.33E-07	2.89E-07	2.85E-07	1.37E-08	3.30E-07	7.29E-08	9.48E-08	1.50E-07	2.65E-08	1.50E-07	8.38E-07
3228	472863.09	3847377.25	5.29E-03	5.16E-03	5.09E-03	1.83E-06	5.53E-06	3.20E-06	3.12E-06	2.83E-06	1.29E-06	1.28E-06	6.12E-08	1.48E-06	3.26E-07	4.24E-07	6.73E-07	1.19E-07	6.69E-07	3.75E-06
3229	473363.09	3847377.25	4.87E-03	4.76E-03	4.69E-03	1.69E-06	5.09E-06	2.95E-06	2.88E-06	2.61E-06	1.19E-06	1.17E-06	5.63E-08	1.36E-06	3.00E-07	3.91E-07	6.20E-07	1.09E-07	6.16E-07	3.45E-06
3230	473863.09	3847377.25	2.29E-03	2.24E-03	2.21E-03	7.93E-07	2.40E-06	1.39E-06	1.35E-06	1.23E-06	5.60E-07	5.52E-07	2.65E-08	6.40E-07	1.41E-07	1.84E-07	2.91E-07	5.14E-08	2.90E-07	1.62E-06
3231	474363.09	3847377.25	1.68E-03	1.64E-03	1.62E-03	5.82E-07	1.76E-06	1.02E-06	9.92E-07	9.00E-07	4.10E-07	4.05E-07	1.94E-08	4.69E-07	1.04E-07	1.35E-07	2.14E-07	3.77E-08	2.13E-07	1.19E-06
3232	474863.09	3847377.25	1.24E-03	1.21E-03	1.20E-03	4.30E-07	1.30E-06	7.52E-07	7.34E-07	6.65E-07	3.04E-07	3.00E-07	1.44E-08	3.47E-07	7.66E-08	9.97E-08	1.58E-07	2.79E-08	1.57E-07	8.81E-07
3233	475363.09	3847377.25	9.90E-04	9.66E-04	9.54E-04	3.43E-07	1.04E-06	5.99E-07	5.85E-07	5.30E-07	2.42E-07	2.39E-07	1.14E-08	2.77E-07	6.10E-08	7.94E-08	1.26E-07	2.22E-08	1.25E-07	7.02E-07
3234	475863.09	3847377.25	9.10E-04	8.88E-04	8.76E-04	3.15E-07	9.51E-07	5.51E-07	5.37E-07	4.87E-07	2.22E-07	2.19E-07	1.05E-08	2.54E-07	5.61E-08	7.29E-08	1.16E-07	2.04E-08	1.15E-07	6.45E-07
3235	476363.09	3847377.25	8.31E-04	8.11E-04	8.00E-04	2.88E-07	8.69E-07	5.03E-07	4.91E-07	4.45E-07	2.03E-07	2.00E-07	9.61E-09	2.32E-07	5.12E-08	6.66E-08	1.06E-07	1.86E-08	1.05E-07	5.89E-07
3236	476863.09	3847377.25	7.26E-04	7.08E-04	6.99E-04	2.51E-07	7.58E-07	4.39E-07	4.28E-07	3.88E-07	1.77E-07	1.75E-07	8.39E-09	2.03E-07	4.47E-08	5.82E-08	9.23E-08	1.63E-08	9.18E-08	5.14E-07
3237	477363.09	3847377.25	6.57E-04	6.41E-04	6.33E-04	2.27E-07	6.87E-07	3.98E-07	3.88E-07	3.52E-07	1.60E-07	1.58E-07	7.60E-09	1.83E-07	4.05E-08	5.27E-08	8.36E-08	1.47E-08	8.31E-08	4.66E-07
3238	477863.09	3847377.25	5.95E-04	5.80E-04	5.72E-04	2.06E-07	6.21E-07	3.60E-07	3.51E-07	3.18E-07	1.45E-07	1.43E-07	6.87E-09	1.66E-07	3.66E-08	4.77E-08	7.56E-08	1.33E-08	7.52E-08	4.21E-07

3239	478363.09	3847377.25	5.46E-04	5.32E-04	5.25E-04	1.89E-07	5.70E-07	3.30E-07	3.22E-07	2.92E-07	1.33E-07	1.31E-07	6.31E-09	1.52E-07	3.36E-08	4.37E-08	6.94E-08	1.22E-08	6.90E-08	3.87E-07
3240	478863.09	3847377.25	5.12E-04	5.00E-04	4.93E-04	1.77E-07	5.35E-07	3.10E-07	3.02E-07	2.74E-07	1.25E-07	1.23E-07	5.92E-09	1.43E-07	3.15E-08	4.10E-08	6.51E-08	1.15E-08	6.47E-08	3.63E-07
3241	479363.09	3847377.25	4.53E-04	4.42E-04	4.37E-04	1.57E-07	4.74E-07	2.74E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.24E-09	1.27E-07	2.79E-08	3.64E-08	5.77E-08	1.02E-08	5.73E-08	3.21E-07
3242	479863.09	3847377.25	3.89E-04	3.79E-04	3.74E-04	1.35E-07	4.06E-07	2.35E-07	2.30E-07	2.08E-07	9.49E-08	9.37E-08	4.49E-09	1.09E-07	2.40E-08	3.12E-08	4.94E-08	8.71E-09	4.92E-08	2.75E-07
3243	480363.09	3847377.25	3.28E-04	3.20E-04	3.16E-04	1.13E-07	3.43E-07	1.98E-07	1.94E-07	1.75E-07	8.00E-08	7.90E-08	3.79E-09	9.15E-08	2.02E-08	2.63E-08	4.17E-08	7.35E-09	4.15E-08	2.32E-07
3244	480863.09	3847377.25	3.04E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.84E-07	1.79E-07	1.63E-07	7.42E-08	7.32E-08	3.51E-09	8.48E-08	1.87E-08	2.43E-08	3.86E-08	6.81E-09	3.84E-08	2.15E-07
3245	481363.09	3847377.25	3.08E-04	3.01E-04	2.97E-04	1.07E-07	3.22E-07	1.87E-07	1.82E-07	1.65E-07	7.53E-08	7.43E-08	3.56E-09	8.61E-08	1.90E-08	2.47E-08	3.92E-08	6.91E-09	3.90E-08	2.18E-07
3246	481863.09	3847377.25	3.27E-04	3.19E-04	3.14E-04	1.13E-07	3.41E-07	1.98E-07	1.93E-07	1.75E-07	7.97E-08	7.87E-08	3.77E-09	9.12E-08	2.01E-08	2.62E-08	4.15E-08	7.32E-09	4.13E-08	2.31E-07
3247	482363.09	3847377.25	3.14E-04	3.06E-04	3.02E-04	1.09E-07	3.28E-07	1.90E-07	1.85E-07	1.68E-07	7.67E-08	7.57E-08	3.63E-09	8.77E-08	1.94E-08	2.52E-08	3.99E-08	7.04E-09	3.97E-08	2.23E-07
3248	482863.09	3847377.25	2.97E-04	2.90E-04	2.86E-04	1.03E-07	3.11E-07	1.80E-07	1.76E-07	1.59E-07	7.26E-08	7.17E-08	3.44E-09	8.31E-08	1.83E-08	2.38E-08	3.78E-08	6.67E-09	3.76E-08	2.11E-07
3249	483363.09	3847377.25	2.83E-04	2.76E-04	2.72E-04	9.78E-08	2.95E-07	1.71E-07	1.67E-07	1.51E-07	6.90E-08	6.81E-08	3.27E-09	7.89E-08	1.74E-08	2.26E-08	3.59E-08	6.33E-09	3.57E-08	2.00E-07
3250	483863.09	3847377.25	2.75E-04	2.68E-04	2.64E-04	9.51E-08	2.87E-07	1.66E-07	1.62E-07	1.47E-07	6.71E-08	6.62E-08	3.17E-09	7.67E-08	1.69E-08	2.20E-08	3.49E-08	6.16E-09	3.47E-08	1.95E-07
3251	484363.09	3847377.25	2.74E-04	2.67E-04	2.64E-04	9.48E-08	2.86E-07	1.66E-07	1.62E-07	1.47E-07	6.69E-08	6.60E-08	3.17E-09	7.65E-08	1.69E-08	2.20E-08	3.48E-08	6.14E-09	3.46E-08	1.94E-07
3252	484863.09	3847377.25	2.64E-04	2.57E-04	2.54E-04	9.13E-08	2.76E-07	1.60E-07	1.56E-07	1.41E-07	6.44E-08	6.36E-08	3.05E-09	7.37E-08	1.63E-08	2.12E-08	3.36E-08	5.91E-09	3.34E-08	1.87E-07
3253	485363.09	3847377.25	2.57E-04	2.51E-04	2.47E-04	8.89E-08	2.68E-07	1.55E-07	1.52E-07	1.37E-07	6.27E-08	6.19E-08	2.97E-09	7.17E-08	1.58E-08	2.06E-08	3.27E-08	5.76E-09	3.25E-08	1.82E-07
3254	485863.09	3847377.25	2.53E-04	2.47E-04	2.44E-04	8.76E-08	2.65E-07	1.53E-07	1.49E-07	1.35E-07	6.18E-08	6.10E-08	2.93E-09	7.07E-08	1.56E-08	2.03E-08	3.22E-08	5.67E-09	3.20E-08	1.79E-07
3255	486363.09	3847377.25	2.49E-04	2.43E-04	2.40E-04	8.63E-08	2.61E-07	1.51E-07	1.47E-07	1.33E-07	6.09E-08	6.01E-08	2.88E-09	6.96E-08	1.54E-08	2.00E-08	3.17E-08	5.59E-09	3.15E-08	1.77E-07
3256	486863.09	3847377.25	2.33E-04	2.27E-04	2.24E-04	8.06E-08	2.43E-07	1.41E-07	1.37E-07	1.25E-07	5.68E-08	5.61E-08	2.69E-09	6.50E-08	1.43E-08	1.87E-08	2.96E-08	5.22E-09	2.94E-08	1.65E-07
3257	487363.09	3847377.25	2.30E-04	2.25E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.36E-07	1.23E-07	5.62E-08	5.55E-08	2.66E-09	6.43E-08	1.42E-08	1.85E-08	2.93E-08	5.16E-09	2.91E-08	1.63E-07
3258	487863.09	3847377.25	2.19E-04	2.14E-04	2.11E-04	7.60E-08	2.29E-07	1.33E-07	1.30E-07	1.17E-07	5.36E-08	5.29E-08	2.54E-09	6.13E-08	1.35E-08	1.76E-08	2.79E-08	4.92E-09	2.78E-08	1.56E-07
3259	488363.09	3847377.25	2.13E-04	2.08E-04	2.05E-04	7.38E-08	2.23E-07	1.29E-07	1.26E-07	1.14E-07	5.21E-08	5.14E-08	2.47E-09	5.95E-08	1.31E-08	1.71E-08	2.71E-08	4.78E-09	2.70E-08	1.51E-07
3260	488863.09	3847377.25	2.09E-04	2.04E-04	2.01E-04	7.24E-08	2.19E-07	1.27E-07	1.23E-07	1.12E-07	5.11E-08	5.04E-08	2.42E-09	5.84E-08	1.29E-08	1.68E-08	2.66E-08	4.69E-09	2.64E-08	1.48E-07
3261	489363.09	3847377.25	2.05E-04	2.00E-04	1.98E-04	7.11E-08	2.15E-07	1.24E-07	1.21E-07	1.10E-07	5.02E-08	4.95E-08	2.37E-09	5.73E-08	1.27E-08	1.65E-08	2.61E-08	4.60E-09	2.60E-08	1.46E-07
3262	489863.09	3847377.25	1.96E-04	1.91E-04	1.89E-04	6.78E-08	2.05E-07	1.18E-07	1.16E-07	1.05E-07	4.78E-08	4.72E-08	2.26E-09	5.47E-08	1.21E-08	1.57E-08	2.49E-08	4.39E-09	2.48E-08	1.39E-07
3263	490363.09	3847377.25	1.87E-04	1.82E-04	1.80E-04	6.46E-08	1.95E-07	1.13E-07	1.10E-07	9.99E-08	4.56E-08	4.50E-08	2.16E-09	5.21E-08	1.15E-08	1.50E-08	2.37E-08	4.18E-09	2.36E-08	1.32E-07
3264	490863.09	3847377.25	1.83E-04	1.79E-04	1.76E-04	6.33E-08	1.91E-07	1.11E-07	1.08E-07	9.79E-08	4.47E-08	4.41E-08	2.11E-09	5.11E-08	1.13E-08	1.47E-08	2.33E-08	4.10E-09	2.31E-08	1.30E-07
3265	491363.09	3847377.25	1.78E-04	1.74E-04	1.72E-04	6.18E-08	1.86E-07	1.08E-07	1.05E-07	9.55E-08	4.36E-08	4.30E-08	2.06E-09	4.98E-08	1.10E-08	1.43E-08	2.27E-08	4.00E-09	2.26E-08	1.26E-07
3266	491863.09	3847377.25	1.80E-04	1.76E-04	1.73E-04	6.23E-08	1.88E-07	1.09E-07	1.06E-07	9.64E-08	4.40E-08	4.34E-08	2.08E-09	5.03E-08	1.11E-08	1.44E-08	2.29E-08	4.04E-09	2.28E-08	1.28E-07
3267	492363.09	3847377.25	1.75E-04	1.71E-04	1.69E-04	6.07E-08	1.83E-07	1.06E-07	1.04E-07	9.39E-08	4.29E-08	4.23E-08	2.03E-09	4.90E-08	1.08E-08	1.41E-08	2.23E-08	3.93E-09	2.22E-08	1.24E-07
3268	492863.09	3847377.25	1.75E-04	1.71E-04	1.69E-04	6.06E-08	1.83E-07	1.06E-07	1.03E-07	9.37E-08	4.28E-08	4.22E-08	2.02E-09	4.89E-08	1.08E-08	1.40E-08	2.23E-08	3.92E-09	2.21E-08	1.24E-07
3269	493363.09	3847377.25	1.73E-04	1.69E-04	1.67E-04	6.00E-08	1.81E-07	1.05E-07	1.02E-07	9.28E-08	4.24E-08	4.18E-08	2.00E-09	4.84E-08	1.07E-08	1.39E-08	2.21E-08	3.89E-09	2.19E-08	1.23E-07
3270	493863.09	3847377.25	1.69E-04	1.65E-04	1.63E-04	5.86E-08	1.77E-07	1.02E-07	9.99E-08	9.06E-08	4.13E-08	4.08E-08	1.96E-09	4.73E-08	1.04E-08	1.36E-08	2.15E-08	3.79E-09	2.14E-08	1.20E-07
3271	494363.09	3847377.25	1.66E-04	1.62E-04	1.60E-04	5.74E-08	1.73E-07	1.00E-07	9.80E-08	8.88E-08	4.05E-08	4.00E-08	1.92E-09	4.63E-08	1.02E-08	1.33E-08	2.11E-08	3.72E-09	2.10E-08	1.18E-07
3272	494863.09	3847377.25	1.64E-04	1.60E-04	1.58E-04	5.67E-08	1.71E-07	9.92E-08	9.68E-08	8.77E-08	4.00E-08	3.95E-08	1.89E-09	4.58E-08	1.01E-08	1.31E-08	2.08E-08	3.67E-09	2.07E-08	1.16E-07
3273	495363.09	3847377.25	1.62E-04	1.58E-04	1.56E-04	5.62E-08	1.70E-07	9.82E-08	9.58E-08	8.68E-08	3.96E-08	3.91E-08	1.88E-09	4.53E-08	9.99E-09	1.30E-08	2.06E-08	3.64E-09	2.05E-08	1.15E-07
3274	495863.09	3847377.25	1.61E-04	1.57E-04	1.55E-04	5.59E-08	1.69E-07	9.77E-08	9.53E-08	8.64E-08	3.94E-08	3.89E-08	1.87E-09	4.51E-08	9.94E-09	1.29E-08	2.05E-08	3.62E-09	2.04E-08	1.14E-07
3275	496363.09	3847377.25	1.61E-04	1.57E-04	1.55E-04	5.56E-08	1.68E-07	9.71E-08	9.48E-08	8.59E-08	3.92E-08	3.87E-08	1.86E-09	4.48E-08	9.89E-09	1.29E-08	2.04E-08	3.60E-09	2.03E-08	1.14E-07
3276	496863.09	3847377.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
3277	497363.09	3847377.25	1.64E-04	1.60E-04	1.58E-04	5.67E-08	1.71E-07	9.92E-08	9.68E-08	8.77E-08	4.00E-08	3.95E-08	1.89E-09	4.58E-08	1.01E-08	1.31E-08	2.08E-08	3.67E-09	2.07E-08	1.16E-07
3278	497863.09	3847377.25	1.67E-04	1.63E-04	1.61E-04	5.79E-08	1.75E-07	1.01E-07	9.87E-08	8.95E-08	4.08E-08	4.03E-08	1.93E-09	4.67E-08	1.03E-08	1.34E-08	2.13E-08	3.75E-09	2.11E-08	1.18E-07
3279	498363.09	3847377.25	1.66E-04	1.62E-04	1.60E-04	5.76E-08	1.74E-07	1.01E-07	9.82E-08	8.90E-08	4.06E-08	4.01E-08	1.92E-09	4.65E-08	1.03E-08	1.33E-08	2.12E-08	3.73E-09	2.10E-08	1.18E-07
3280	471363.09	3847877.25	3.96E-04	3.87E-04	3.81E-04	1.37E-07	4.14E-07	2.40E-07	2.34E-07	2.12E-07	9.68E-08	9.55E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.88E-09	5.01E-08	2.81E-07
3281	471863.09	3847877.25	4.80E-04	4.68E-04	4.62E-04	1.66E-07	5.02E-07	2.90E-07	2.83E-07	2.57E-07	1.17E-07	1.16E-07	5.55E-09	1.34E-07	2.96E-08	3.85E-08	6.10E-08	1.08E-08	6.07E-08	3.40E-07
3282	472363.09	3847877.25	6.30E-04	6.15E-04	6.06E-04	2.18E-07	6.58E-07	3.81E-07	3.72E-07	3.37E-07	1.54E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.05E-08	8.01E-08	1.41E-08	7.96E-08	4.46E-07
3283	472863.09	3847877.25	9.34E-04	9.11E-04	8.99E-04	3.23E-07	9.76E-07	5.65E-07	5.51E-07	5.00E-07	2.28E-07	2.25E-07	1.08E-08	2.61E-07	5.75E-08	7.49E-08	1.19E-07	2.09E-08	1.18E-07	6.62E-07
3284	473363.09	3847877.25	1.85E-03	1.80E-03	1.78E-03	6.39E-07	1.93E-06	1.12E-06	1.09E-06	9.88E-07	4.51E-07	4.45E-07	2.13E-08	5.15E-07	1.14E-07	1.48E-07	2.35E-07	4.14E-08	2.33E-07	1.31E-06
3285	473863.09	3847877.25	3.24E-02	3.16E-02	3.12E-02	1.12E-05	3.39E-05	1.96E-05	1.91E-05	1.73E-05	7.92E-06	7.81E-06	3.75E-07	9.05E-06	2.00E-06	2.60E-06	4.12E-06	7.26E-07	4.10E-06	2.30E-05
3286	474363.09	3847877.25	3.52E-03	3.43E-03	3.39E-03	1.22E-06	3.68E-06	2.13E-06	2.08E-06	1.88E-06	8.60E-07	8.48E-07	4.07E-08	9.83E-07	2.17E-07	2.82E-07	4.48E-07	7.89E-08	4.45E-07	2.49E-06
3287	474863.09	3847877.25	2.13E-03	2.08E-03	2.05E-03	7.38E-07	2.23E-06	1.29E-06	1.26E-06	1.14E-06	5.21E-07	5.14E-07	2.47E-08	5.95E-07	1.31E-07	1.71E-07	2.71E-07	4.78E-08	2.70E-07	1.51E-06
3288	475363.09	3847877.25	1.43E-03	1.40E-03	1.38E-03	4.95E-07	1.50E-06	8.66E-07	8.45E-07	7.66E-07	3.49E-07	3.45E-07	1.65E-08	4.00E-07	8.82E-08	1.15E-07	1.82E-07	3.21E-08	1.81E-07	1.01E-06
3289	475863.09	3847877.25	1.10E-03	1.07E-03	1.06E-03	3.81E-07	1.15E-06	6.66E-07	6.50E-07	5.89E-07	2.69E-07	2.65E-07	1.27E-08	3.07E-07	6.78E-08	8.82E-08	1.40E-07	2.47E-08	1.39E-07	7.80E-07
3290	476363.09	3847877.25	1.05E-03	1.02E-03	1.01E-03	3.63E-07	1.10E-06	6.35E-07	6.19E-07	5.61E-07	2.56E-07	2.53E-07	1.21E-08	2.93E-07	6.46E-08	8.41E-08	1.33E-07	2.35E-08	1.33E-07	7.43E-07
3291	476863.09	3847877.25	9.16E-04	8.94E-04	8.82E-04	3.17E-07	9.58E-07	5.55E-07	5.41E-07	4.91E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.65E-08	7.35E-08	1.17E-07	2.05E-08	1.16E-07	6.49E-07
3292	477363.09	3847877.25	8.10E-04	7.91E-04	7.80E-04	2.80E-07	8.47E-07	4.90E-07	4.78E-07	4.34E-07	1.98E-07	1.95E-07	9.37E-09	2.26E-07	4.99E-08	6.50E-08	1.03E-07	1.82E-08	1.02E-07	5.74E-07
3293	477863.09	3847877.25	7.34E-04	7.16E-04	7.07E-04	2.54E-07	7.67E-07	4.44E-07	4.33E-07	3.93E-07	1.79E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	5.88E-08	9.33E-08	1.64E-08	9.28E-08	5.20E-07

3294	478363.09	3847877.25	6.65E-04	6.49E-04	6.41E-04	2.30E-07	6.96E-07	4.03E-07	3.93E-07	3.56E-07	1.63E-07	1.60E-07	7.69E-09	1.86E-07	4.10E-08	5.33E-08	8.46E-08	1.49E-08	8.42E-08	4.72E-07
3295	478863.09	3847877.25	6.14E-04	5.99E-04	5.91E-04	2.12E-07	6.41E-07	3.71E-07	3.62E-07	3.28E-07	1.50E-07	1.48E-07	7.09E-09	1.71E-07	3.78E-08	4.92E-08	7.80E-08	1.38E-08	7.76E-08	4.35E-07
3296	479363.09	3847877.25	5.13E-04	5.01E-04	4.94E-04	1.78E-07	5.36E-07	3.11E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.93E-09	1.43E-07	3.16E-08	4.11E-08	6.53E-08	1.15E-08	6.49E-08	3.64E-07
3297	479863.09	3847877.25	3.98E-04	3.89E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.73E-08	9.60E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.93E-09	5.04E-08	2.82E-07
3298	480363.09	3847877.25	3.92E-04	3.82E-04	3.77E-04	1.36E-07	4.09E-07	2.37E-07	2.31E-07	2.10E-07	9.56E-08	9.44E-08	4.53E-09	1.09E-07	2.41E-08	3.14E-08	4.98E-08	8.78E-09	4.95E-08	2.78E-07
3299	480863.09	3847877.25	3.61E-04	3.52E-04	3.47E-04	1.25E-07	3.77E-07	2.18E-07	2.13E-07	1.93E-07	8.80E-08	8.69E-08	4.17E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.08E-09	4.56E-08	2.55E-07
3300	481363.09	3847877.25	3.51E-04	3.42E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.07E-07	1.88E-07	8.56E-08	8.45E-08	4.05E-09	9.79E-08	2.16E-08	2.81E-08	4.46E-08	7.86E-09	4.43E-08	2.48E-07
3301	481863.09	3847877.25	3.83E-04	3.73E-04	3.68E-04	1.32E-07	4.00E-07	2.31E-07	2.26E-07	2.05E-07	9.34E-08	9.22E-08	4.42E-09	1.07E-07	2.36E-08	3.07E-08	4.86E-08	8.57E-09	4.84E-08	2.71E-07
3302	482363.09	3847877.25	3.62E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.14E-07	1.94E-07	8.84E-08	8.72E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.11E-09	4.58E-08	2.56E-07
3303	482863.09	3847877.25	3.38E-04	3.30E-04	3.26E-04	1.17E-07	3.53E-07	2.05E-07	2.00E-07	1.81E-07	8.26E-08	8.15E-08	3.91E-09	9.44E-08	2.08E-08	2.71E-08	4.30E-08	7.58E-09	4.28E-08	2.40E-07
3304	483363.09	3847877.25	3.22E-04	3.14E-04	3.10E-04	1.11E-07	3.36E-07	1.95E-07	1.90E-07	1.72E-07	7.85E-08	7.75E-08	3.72E-09	8.98E-08	1.98E-08	2.58E-08	4.09E-08	7.21E-09	4.07E-08	2.28E-07
3305	483863.09	3847877.25	3.12E-04	3.05E-04	3.01E-04	1.08E-07	3.27E-07	1.89E-07	1.84E-07	1.67E-07	7.63E-08	7.53E-08	3.61E-09	8.72E-08	1.92E-08	2.50E-08	3.97E-08	7.00E-09	3.95E-08	2.21E-07
3306	484363.09	3847877.25	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.82E-07	1.65E-07	7.55E-08	7.45E-08	3.57E-09	8.63E-08	1.90E-08	2.48E-08	3.93E-08	6.93E-09	3.91E-08	2.19E-07
3307	484863.09	3847877.25	2.99E-04	2.92E-04	2.88E-04	1.04E-07	3.13E-07	1.81E-07	1.77E-07	1.60E-07	7.31E-08	7.21E-08	3.46E-09	8.35E-08	1.84E-08	2.40E-08	3.80E-08	6.70E-09	3.78E-08	2.12E-07
3308	485363.09	3847877.25	2.94E-04	2.87E-04	2.83E-04	1.02E-07	3.07E-07	1.78E-07	1.73E-07	1.57E-07	7.17E-08	7.08E-08	3.40E-09	8.20E-08	1.81E-08	2.35E-08	3.74E-08	6.58E-09	3.71E-08	2.08E-07
3309	485863.09	3847877.25	2.88E-04	2.81E-04	2.77E-04	9.97E-08	3.01E-07	1.74E-07	1.70E-07	1.54E-07	7.03E-08	6.94E-08	3.33E-09	8.04E-08	1.77E-08	2.31E-08	3.66E-08	6.45E-09	3.64E-08	2.04E-07
3310	486363.09	3847877.25	2.74E-04	2.67E-04	2.64E-04	9.48E-08	2.86E-07	1.66E-07	1.62E-07	1.47E-07	6.69E-08	6.60E-08	3.17E-09	7.65E-08	1.69E-08	2.20E-08	3.48E-08	6.14E-09	3.46E-08	1.94E-07
3311	486863.09	3847877.25	2.62E-04	2.56E-04	2.52E-04	9.08E-08	2.74E-07	1.59E-07	1.55E-07	1.40E-07	6.40E-08	6.32E-08	3.03E-09	7.32E-08	1.62E-08	2.10E-08	3.33E-08	5.88E-09	3.32E-08	1.86E-07
3312	487363.09	3847877.25	2.53E-04	2.47E-04	2.44E-04	8.76E-08	2.65E-07	1.53E-07	1.49E-07	1.35E-07	6.18E-08	6.10E-08	2.93E-09	7.07E-08	1.56E-08	2.03E-08	3.22E-08	5.67E-09	3.20E-08	1.79E-07
3313	487863.09	3847877.25	2.41E-04	2.35E-04	2.32E-04	8.34E-08	2.52E-07	1.46E-07	1.42E-07	1.29E-07	5.89E-08	5.81E-08	2.79E-09	6.73E-08	1.49E-08	1.93E-08	3.07E-08	5.40E-09	3.05E-08	1.71E-07
3314	488363.09	3847877.25	2.34E-04	2.28E-04	2.25E-04	8.09E-08	2.44E-07	1.41E-07	1.38E-07	1.25E-07	5.70E-08	5.63E-08	2.70E-09	6.52E-08	1.44E-08	1.87E-08	2.97E-08	5.24E-09	2.95E-08	1.66E-07
3315	488863.09	3847877.25	2.29E-04	2.23E-04	2.20E-04	7.91E-08	2.39E-07	1.38E-07	1.35E-07	1.22E-07	5.58E-08	5.51E-08	2.64E-09	6.38E-08	1.41E-08	1.83E-08	2.91E-08	5.12E-09	2.89E-08	1.62E-07
3316	489363.09	3847877.25	2.24E-04	2.18E-04	2.15E-04	7.74E-08	2.34E-07	1.35E-07	1.32E-07	1.20E-07	5.46E-08	5.39E-08	2.58E-09	6.24E-08	1.38E-08	1.79E-08	2.84E-08	5.01E-09	2.83E-08	1.58E-07
3317	489863.09	3847877.25	2.22E-04	2.17E-04	2.14E-04	7.68E-08	2.32E-07	1.34E-07	1.31E-07	1.19E-07	5.42E-08	5.35E-08	2.57E-09	6.20E-08	1.37E-08	1.78E-08	2.82E-08	4.97E-09	2.81E-08	1.57E-07
3318	490363.09	3847877.25	2.16E-04	2.11E-04	2.08E-04	7.47E-08	2.25E-07	1.31E-07	1.27E-07	1.15E-07	5.27E-08	5.20E-08	2.49E-09	6.02E-08	1.33E-08	1.73E-08	2.74E-08	4.84E-09	2.73E-08	1.53E-07
3319	490863.09	3847877.25	2.08E-04	2.03E-04	2.00E-04	7.20E-08	2.17E-07	1.26E-07	1.23E-07	1.11E-07	5.08E-08	5.01E-08	2.40E-09	5.80E-08	1.28E-08	1.67E-08	2.64E-08	4.66E-09	2.63E-08	1.47E-07
3320	491363.09	3847877.25	1.97E-04	1.92E-04	1.90E-04	6.82E-08	2.06E-07	1.19E-07	1.16E-07	1.05E-07	4.81E-08	4.75E-08	2.28E-09	5.50E-08	1.21E-08	1.58E-08	2.51E-08	4.42E-09	2.49E-08	1.40E-07
3321	491863.09	3847877.25	1.93E-04	1.88E-04	1.86E-04	6.68E-08	2.02E-07	1.17E-07	1.14E-07	1.03E-07	4.71E-08	4.65E-08	2.23E-09	5.39E-08	1.19E-08	1.55E-08	2.45E-08	4.32E-09	2.44E-08	1.37E-07
3322	492363.09	3847877.25	1.90E-04	1.85E-04	1.83E-04	6.56E-08	1.98E-07	1.15E-07	1.12E-07	1.01E-07	4.63E-08	4.57E-08	2.19E-09	5.29E-08	1.17E-08	1.52E-08	2.41E-08	4.25E-09	2.40E-08	1.34E-07
3323	492863.09	3847877.25	1.86E-04	1.81E-04	1.79E-04	6.43E-08	1.94E-07	1.12E-07	1.10E-07	9.95E-08	4.54E-08	4.48E-08	2.15E-09	5.19E-08	1.15E-08	1.49E-08	2.36E-08	4.17E-09	2.35E-08	1.32E-07
3324	493363.09	3847877.25	1.78E-04	1.73E-04	1.71E-04	6.15E-08	1.86E-07	1.07E-07	1.05E-07	9.50E-08	4.34E-08	4.28E-08	2.05E-09	4.96E-08	1.09E-08	1.42E-08	2.26E-08	3.98E-09	2.25E-08	1.26E-07
3325	493863.09	3847877.25	1.72E-04	1.68E-04	1.65E-04	5.95E-08	1.80E-07	1.04E-07	1.01E-07	9.19E-08	4.19E-08	4.14E-08	1.99E-09	4.80E-08	1.06E-08	1.38E-08	2.18E-08	3.85E-09	2.17E-08	1.22E-07
3326	494363.09	3847877.25	1.68E-04	1.64E-04	1.62E-04	5.82E-08	1.76E-07	1.02E-07	9.92E-08	8.99E-08	4.10E-08	4.05E-08	1.94E-09	4.69E-08	1.04E-08	1.35E-08	2.14E-08	3.77E-09	2.13E-08	1.19E-07
3327	494863.09	3847877.25	1.66E-04	1.62E-04	1.60E-04	5.76E-08	1.74E-07	1.01E-07	9.82E-08	8.90E-08	4.06E-08	4.01E-08	1.92E-09	4.65E-08	1.03E-08	1.33E-08	2.12E-08	3.73E-09	2.10E-08	1.18E-07
3328	495363.09	3847877.25	1.62E-04	1.58E-04	1.56E-04	5.62E-08	1.70E-07	9.82E-08	9.58E-08	8.68E-08	3.96E-08	3.91E-08	1.88E-09	4.53E-08	9.99E-09	1.30E-08	2.06E-08	3.64E-09	2.05E-08	1.15E-07
3329	495863.09	3847877.25	1.52E-04	1.48E-04	1.46E-04	5.26E-08	1.59E-07	9.19E-08	8.97E-08	8.13E-08	3.71E-08	3.66E-08	1.76E-09	4.24E-08	9.36E-09	1.22E-08	1.93E-08	3.40E-09	1.92E-08	1.08E-07
3330	496363.09	3847877.25	1.61E-04	1.57E-04	1.55E-04	5.56E-08	1.68E-07	9.71E-08	9.48E-08	8.59E-08	3.92E-08	3.87E-08	1.86E-09	4.48E-08	9.89E-09	1.29E-08	2.04E-08	3.60E-09	2.03E-08	1.14E-07
3331	496863.09	3847877.25	1.62E-04	1.58E-04	1.56E-04	5.62E-08	1.70E-07	9.82E-08	9.58E-08	8.68E-08	3.96E-08	3.91E-08	1.88E-09	4.53E-08	9.99E-09	1.30E-08	2.06E-08	3.64E-09	2.05E-08	1.15E-07
3332	497363.09	3847877.25	1.65E-04	1.61E-04	1.59E-04	5.70E-08	1.72E-07	9.97E-08	9.72E-08	8.82E-08	4.02E-08	3.97E-08	1.90E-09	4.60E-08	1.01E-08	1.32E-08	2.09E-08	3.69E-09	2.08E-08	1.17E-07
3333	497863.09	3847877.25	1.73E-04	1.68E-04	1.66E-04	5.97E-08	1.80E-07	1.04E-07	1.02E-07	9.24E-08	4.21E-08	4.16E-08	2.00E-09	4.82E-08	1.06E-08	1.38E-08	2.19E-08	3.87E-09	2.18E-08	1.22E-07
3334	498363.09	3847877.25	1.73E-04	1.69E-04	1.67E-04	6.00E-08	1.81E-07	1.05E-07	1.02E-07	9.28E-08	4.24E-08	4.18E-08	2.00E-09	4.84E-08	1.07E-08	1.39E-08	2.21E-08	3.89E-09	2.19E-08	1.23E-07
3335	471363.09	3848377.25	3.37E-04	3.29E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.24E-08	8.13E-08	3.90E-09	9.42E-08	2.08E-08	2.70E-08	4.29E-08	7.56E-09	4.27E-08	2.39E-07
3336	471863.09	3848377.25	3.90E-04	3.81E-04	3.76E-04	1.35E-07	4.08E-07	2.36E-07	2.31E-07	2.09E-07	9.53E-08	9.41E-08	4.51E-09	1.09E-07	2.41E-08	3.13E-08	4.96E-08	8.75E-09	4.94E-08	2.77E-07
3337	472363.09	3848377.25	4.65E-04	4.54E-04	4.48E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.38E-09	1.30E-07	2.87E-08	3.73E-08	5.92E-08	1.04E-08	5.89E-08	3.30E-07
3338	472863.09	3848377.25	5.81E-04	5.67E-04	5.59E-04	2.01E-07	6.07E-07	3.51E-07	3.43E-07	3.11E-07	1.42E-07	1.40E-07	6.71E-09	1.62E-07	3.58E-08	4.66E-08	7.39E-08	1.30E-08	7.35E-08	4.12E-07
3339	473363.09	3848377.25	7.84E-04	7.65E-04	7.55E-04	2.71E-07	8.19E-07	4.74E-07	4.63E-07	4.19E-07	1.91E-07	1.89E-07	9.06E-09	2.19E-07	4.83E-08	6.28E-08	9.97E-08	1.76E-08	9.91E-08	5.55E-07
3340	473863.09	3848377.25	1.27E-03	1.24E-03	1.23E-03	4.41E-07	1.33E-06	7.71E-07	7.52E-07	6.82E-07	3.11E-07	3.07E-07	1.47E-08	3.56E-07	7.85E-08	1.02E-07	1.62E-07	2.85E-08	1.61E-07	9.03E-07
3341	474363.09	3848377.25	5.64E-03	5.51E-03	5.43E-03	1.95E-06	5.90E-06	3.41E-06	3.33E-06	3.02E-06	1.38E-06	1.36E-06	6.52E-08	1.58E-06	3.48E-07	4.52E-07	7.18E-07	1.26E-07	7.14E-07	4.00E-06
3342	474863.09	3848377.25	4.55E-03	4.44E-03	4.38E-03	1.57E-06	4.75E-06	2.75E-06	2.68E-06	2.43E-06	1.11E-06	1.10E-06	5.26E-08	1.27E-06	2.80E-07	3.64E-07	5.78E-07	1.02E-07	5.75E-07	3.22E-06
3343	475363.09	3848377.25	2.55E-03	2.49E-03	2.45E-03	8.82E-07	2.66E-06	1.54E-06	1.50E-06	1.36E-06	6.22E-07	6.14E-07	2.95E-08	7.11E-07	1.57E-07	2.04E-07	3.24E-07	5.71E-08	3.22E-07	1.81E-06
3344	475863.09	3848377.25	1.64E-03	1.60E-03	1.58E-03	5.69E-07	1.72E-06	9.94E-07	9.70E-07	8.79E-07	4.01E-07	3.96E-07	1.90E-08	4.59E-07	1.01E-07	1.32E-07	2.09E-07	3.68E-08	2.08E-07	1.16E-06
3345	476363.09	3848377.25	1.23E-03	1.20E-03	1.19E-03	4.27E-07	1.29E-06	7.47E-07	7.29E-07	6.61E-07	3.02E-07	2.98E-07	1.43E-08	3.45E-07	7.61E-08	9.90E-08	1.57E-07	2.77E-08	1.56E-07	8.75E-07
3346	476863.09	3848377.25	1.20E-03	1.17E-03	1.16E-03	4.16E-07	1.26E-06	7.27E-07	7.09E-07	6.43E-07	2.93E-07	2.90E-07	1.39E-08	3.35E-07	7.40E-08	9.63E-08	1.53E-07	2.69E-08	1.52E-07	8.51E-07
3347	477363.09	3848377.25	1.06E-03	1.03E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.23E-07	5.65E-07	2.58E-07	2.54E-07	1.22E-08	2.95E-07	6.50E-08	8.46E-08	1.34E-07	2.36E-08	1.33E-07	7.48E-07
3348	477863.09	3848377.25	9.49E-04	9.26E-04	9.14E-04	3.29E-07	9.92E-07	5.74E-07	5.60E-07	5.08E-07	2.32E-07	2.29E-07	1.10E-08	2.65E-07	5.85E-08	7.61E-08	1.21E-07	2.13E-08	1.20E-07	6.73E-07

3349	478363.09	3848377.25	8.55E-04	8.34E-04	8.23E-04	2.96E-07	8.94E-07	5.17E-07	5.05E-07	4.58E-07	2.09E-07	2.06E-07	9.88E-09	2.39E-07	5.27E-08	6.85E-08	1.09E-07	1.92E-08	1.08E-07	6.06E-07
3350	478863.09	3848377.25	7.58E-04	7.39E-04	7.29E-04	2.62E-07	7.92E-07	4.58E-07	4.47E-07	4.05E-07	1.85E-07	1.83E-07	8.76E-09	2.12E-07	4.67E-08	6.07E-08	9.63E-08	1.70E-08	9.58E-08	5.37E-07
3351	479363.09	3848377.25	6.30E-04	6.15E-04	6.06E-04	2.18E-07	6.58E-07	3.81E-07	3.72E-07	3.37E-07	1.54E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.05E-08	8.01E-08	1.41E-08	7.96E-08	4.46E-07
3352	479863.09	3848377.25	3.93E-04	3.84E-04	3.79E-04	1.36E-07	4.11E-07	2.38E-07	2.32E-07	2.11E-07	9.61E-08	9.48E-08	4.55E-09	1.10E-07	2.42E-08	3.15E-08	5.00E-08	8.81E-09	4.97E-08	2.79E-07
3353	480363.09	3848377.25	4.41E-04	4.30E-04	4.25E-04	1.53E-07	4.61E-07	2.67E-07	2.60E-07	2.36E-07	1.08E-07	1.06E-07	5.10E-09	1.23E-07	2.72E-08	3.54E-08	5.61E-08	9.88E-09	5.58E-08	3.13E-07
3354	480863.09	3848377.25	4.82E-04	4.70E-04	4.64E-04	1.67E-07	5.03E-07	2.91E-07	2.84E-07	2.58E-07	1.18E-07	1.16E-07	5.57E-09	1.34E-07	2.97E-08	3.86E-08	6.13E-08	1.08E-08	6.09E-08	3.41E-07
3355	481363.09	3848377.25	4.60E-04	4.49E-04	4.43E-04	1.59E-07	4.81E-07	2.78E-07	2.72E-07	2.46E-07	1.12E-07	1.11E-07	5.32E-09	1.28E-07	2.83E-08	3.69E-08	5.85E-08	1.03E-08	5.82E-08	3.26E-07
3356	481863.09	3848377.25	4.45E-04	4.34E-04	4.29E-04	1.54E-07	4.65E-07	2.69E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.15E-09	1.24E-07	2.74E-08	3.57E-08	5.66E-08	9.98E-09	5.63E-08	3.15E-07
3357	482363.09	3848377.25	4.26E-04	4.16E-04	4.11E-04	1.48E-07	4.46E-07	2.58E-07	2.52E-07	2.28E-07	1.04E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.42E-08	5.42E-08	9.56E-09	5.39E-08	3.02E-07
3358	482863.09	3848377.25	3.92E-04	3.83E-04	3.77E-04	1.36E-07	4.10E-07	2.37E-07	2.31E-07	2.10E-07	9.57E-08	9.45E-08	4.53E-09	1.09E-07	2.42E-08	3.14E-08	4.99E-08	8.79E-09	4.96E-08	2.78E-07
3359	483363.09	3848377.25	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.11E-08	8.99E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.36E-09	4.72E-08	2.64E-07
3360	483863.09	3848377.25	3.49E-04	3.41E-04	3.36E-04	1.21E-07	3.65E-07	2.11E-07	2.06E-07	1.87E-07	8.53E-08	8.42E-08	4.04E-09	9.75E-08	2.15E-08	2.80E-08	4.44E-08	7.83E-09	4.42E-08	2.48E-07
3361	484363.09	3848377.25	3.40E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.31E-08	8.20E-08	3.93E-09	9.50E-08	2.10E-08	2.73E-08	4.33E-08	7.62E-09	4.30E-08	2.41E-07
3362	484863.09	3848377.25	3.40E-04	3.32E-04	3.27E-04	1.18E-07	3.55E-07	2.06E-07	2.01E-07	1.82E-07	8.30E-08	8.19E-08	3.93E-09	9.49E-08	2.09E-08	2.72E-08	4.32E-08	7.62E-09	4.30E-08	2.41E-07
3363	485363.09	3848377.25	3.28E-04	3.20E-04	3.16E-04	1.14E-07	3.43E-07	1.99E-07	1.94E-07	1.76E-07	8.01E-08	7.91E-08	3.79E-09	9.16E-08	2.02E-08	2.63E-08	4.17E-08	7.36E-09	4.15E-08	2.33E-07
3364	485863.09	3848377.25	3.19E-04	3.11E-04	3.07E-04	1.10E-07	3.33E-07	1.93E-07	1.88E-07	1.71E-07	7.78E-08	7.68E-08	3.68E-09	8.90E-08	1.96E-08	2.55E-08	4.05E-08	7.14E-09	4.03E-08	2.26E-07
3365	486363.09	3848377.25	3.05E-04	2.97E-04	2.93E-04	1.05E-07	3.18E-07	1.84E-07	1.80E-07	1.63E-07	7.44E-08	7.34E-08	3.52E-09	8.50E-08	1.88E-08	2.44E-08	3.87E-08	6.83E-09	3.85E-08	2.16E-07
3366	486863.09	3848377.25	2.90E-04	2.83E-04	2.79E-04	1.00E-07	3.03E-07	1.75E-07	1.71E-07	1.55E-07	7.07E-08	6.98E-08	3.35E-09	8.09E-08	1.78E-08	2.32E-08	3.68E-08	6.49E-09	3.66E-08	2.05E-07
3367	487363.09	3848377.25	2.72E-04	2.66E-04	2.62E-04	9.42E-08	2.84E-07	1.65E-07	1.61E-07	1.46E-07	6.65E-08	6.56E-08	3.15E-09	7.60E-08	1.68E-08	2.18E-08	3.46E-08	6.10E-09	3.44E-08	1.93E-07
3368	487863.09	3848377.25	2.64E-04	2.57E-04	2.54E-04	9.13E-08	2.76E-07	1.60E-07	1.56E-07	1.41E-07	6.44E-08	6.36E-08	3.05E-09	7.37E-08	1.63E-08	2.12E-08	3.36E-08	5.91E-09	3.34E-08	1.87E-07
3369	488363.09	3848377.25	2.56E-04	2.49E-04	2.46E-04	8.85E-08	2.67E-07	1.55E-07	1.51E-07	1.37E-07	6.24E-08	6.16E-08	2.95E-09	7.14E-08	1.57E-08	2.05E-08	3.25E-08	5.73E-09	3.23E-08	1.81E-07
3370	488863.09	3848377.25	2.48E-04	2.42E-04	2.39E-04	8.59E-08	2.59E-07	1.50E-07	1.46E-07	1.33E-07	6.06E-08	5.98E-08	2.87E-09	6.93E-08	1.53E-08	1.99E-08	3.16E-08	5.56E-09	3.14E-08	1.76E-07
3371	489363.09	3848377.25	2.43E-04	2.37E-04	2.34E-04	8.42E-08	2.54E-07	1.47E-07	1.44E-07	1.30E-07	5.94E-08	5.86E-08	2.81E-09	6.79E-08	1.50E-08	1.95E-08	3.09E-08	5.45E-09	3.07E-08	1.72E-07
3372	489863.09	3848377.25	2.41E-04	2.36E-04	2.32E-04	8.36E-08	2.52E-07	1.46E-07	1.43E-07	1.29E-07	5.90E-08	5.82E-08	2.79E-09	6.74E-08	1.49E-08	1.94E-08	3.07E-08	5.41E-09	3.05E-08	1.71E-07
3373	490363.09	3848377.25	2.34E-04	2.28E-04	2.25E-04	8.10E-08	2.45E-07	1.42E-07	1.38E-07	1.25E-07	5.71E-08	5.64E-08	2.70E-09	6.53E-08	1.44E-08	1.88E-08	2.98E-08	5.24E-09	2.96E-08	1.66E-07
3374	490863.09	3848377.25	2.23E-04	2.18E-04	2.15E-04	7.73E-08	2.33E-07	1.35E-07	1.32E-07	1.19E-07	5.45E-08	5.38E-08	2.58E-09	6.23E-08	1.38E-08	1.79E-08	2.84E-08	5.00E-09	2.82E-08	1.58E-07
3375	491363.09	3848377.25	2.14E-04	2.08E-04	2.06E-04	7.40E-08	2.23E-07	1.29E-07	1.26E-07	1.14E-07	5.22E-08	5.15E-08	2.47E-09	5.97E-08	1.32E-08	1.71E-08	2.72E-08	4.79E-09	2.70E-08	1.51E-07
3376	491863.09	3848377.25	2.07E-04	2.02E-04	1.99E-04	7.17E-08	2.16E-07	1.25E-07	1.22E-07	1.11E-07	5.06E-08	4.99E-08	2.39E-09	5.78E-08	1.28E-08	1.66E-08	2.63E-08	4.64E-09	2.62E-08	1.47E-07
3377	492363.09	3848377.25	1.96E-04	1.91E-04	1.89E-04	6.79E-08	2.05E-07	1.19E-07	1.16E-07	1.05E-07	4.79E-08	4.73E-08	2.27E-09	5.48E-08	1.21E-08	1.57E-08	2.50E-08	4.40E-09	2.48E-08	1.39E-07
3378	492863.09	3848377.25	1.85E-04	1.81E-04	1.79E-04	6.42E-08	1.94E-07	1.12E-07	1.09E-07	9.93E-08	4.53E-08	4.47E-08	2.14E-09	5.18E-08	1.14E-08	1.49E-08	2.36E-08	4.16E-09	2.35E-08	1.31E-07
3379	493363.09	3848377.25	1.80E-04	1.75E-04	1.73E-04	6.22E-08	1.88E-07	1.09E-07	1.06E-07	9.61E-08	4.39E-08	4.33E-08	2.08E-09	5.02E-08	1.11E-08	1.44E-08	2.28E-08	4.03E-09	2.27E-08	1.27E-07
3380	493863.09	3848377.25	1.73E-04	1.69E-04	1.67E-04	5.99E-08	1.81E-07	1.05E-07	1.02E-07	9.26E-08	4.23E-08	4.17E-08	2.00E-09	4.83E-08	1.07E-08	1.39E-08	2.20E-08	3.88E-09	2.19E-08	1.23E-07
3381	494363.09	3848377.25	1.68E-04	1.64E-04	1.62E-04	5.82E-08	1.76E-07	1.02E-07	9.92E-08	8.99E-08	4.10E-08	4.05E-08	1.94E-09	4.69E-08	1.04E-08	1.35E-08	2.14E-08	3.77E-09	2.13E-08	1.19E-07
3382	494863.09	3848377.25	1.67E-04	1.63E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	9.85E-08	8.93E-08	4.07E-08	4.02E-08	1.93E-09	4.66E-08	1.03E-08	1.34E-08	2.12E-08	3.74E-09	2.11E-08	1.18E-07
3383	495363.09	3848377.25	1.59E-04	1.55E-04	1.53E-04	5.50E-08	1.66E-07	9.61E-08	9.38E-08	8.50E-08	3.88E-08	3.83E-08	1.84E-09	4.44E-08	9.79E-09	1.27E-08	2.02E-08	3.56E-09	2.01E-08	1.13E-07
3384	495863.09	3848377.25	1.56E-04	1.52E-04	1.50E-04	5.40E-08	1.63E-07	9.44E-08	9.21E-08	8.35E-08	3.81E-08	3.76E-08	1.80E-09	4.36E-08	9.61E-09	1.25E-08	1.98E-08	3.50E-09	1.97E-08	1.11E-07
3385	496363.09	3848377.25	1.59E-04	1.55E-04	1.53E-04	5.50E-08	1.66E-07	9.61E-08	9.38E-08	8.50E-08	3.88E-08	3.83E-08	1.84E-09	4.44E-08	9.79E-09	1.27E-08	2.02E-08	3.56E-09	2.01E-08	1.13E-07
3386	496863.09	3848377.25	1.55E-04	1.51E-04	1.49E-04	5.37E-08	1.62E-07	9.39E-08	9.16E-08	8.30E-08	3.79E-08	3.74E-08	1.79E-09	4.33E-08	9.56E-09	1.24E-08	1.97E-08	3.48E-09	1.96E-08	1.10E-07
3387	497363.09	3848377.25	1.61E-04	1.57E-04	1.55E-04	5.57E-08	1.68E-07	9.74E-08	9.50E-08	8.62E-08	3.93E-08	3.88E-08	1.86E-09	4.49E-08	9.92E-09	1.29E-08	2.05E-08	3.61E-09	2.04E-08	1.14E-07
3388	497863.09	3848377.25	1.79E-04	1.75E-04	1.73E-04	6.20E-08	1.87E-07	1.08E-07	1.06E-07	9.59E-08	4.38E-08	4.32E-08	2.07E-09	5.00E-08	1.10E-08	1.44E-08	2.28E-08	4.02E-09	2.27E-08	1.27E-07
3389	498363.09	3848377.25	1.78E-04	1.74E-04	1.72E-04	6.18E-08	1.86E-07	1.08E-07	1.05E-07	9.55E-08	4.36E-08	4.30E-08	2.06E-09	4.98E-08	1.10E-08	1.43E-08	2.27E-08	4.00E-09	2.26E-08	1.26E-07
3390	471363.09	3848877.25	2.96E-04	2.89E-04	2.85E-04	1.02E-07	3.09E-07	1.79E-07	1.75E-07	1.58E-07	7.22E-08	7.13E-08	3.42E-09	8.26E-08	1.82E-08	2.37E-08	3.76E-08	6.63E-09	3.74E-08	2.10E-07
3391	471863.09	3848877.25	3.29E-04	3.21E-04	3.17E-04	1.14E-07	3.44E-07	1.99E-07	1.94E-07	1.76E-07	8.03E-08	7.93E-08	3.80E-09	9.19E-08	2.03E-08	2.64E-08	4.18E-08	7.37E-09	4.16E-08	2.33E-07
3392	472363.09	3848877.25	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.11E-08	8.99E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.36E-09	4.72E-08	2.64E-07
3393	472863.09	3848877.25	4.39E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.52E-08	5.58E-08	9.83E-09	5.55E-08	3.11E-07
3394	473363.09	3848877.25	5.36E-04	5.23E-04	5.17E-04	1.86E-07	5.61E-07	3.25E-07	3.17E-07	2.87E-07	1.31E-07	1.29E-07	6.20E-09	1.50E-07	3.31E-08	4.30E-08	6.82E-08	1.20E-08	6.78E-08	3.80E-07
3395	473863.09	3848877.25	7.12E-04	6.94E-04	6.85E-04	2.46E-07	7.44E-07	4.31E-07	4.20E-07	3.81E-07	1.74E-07	1.71E-07	8.22E-09	1.99E-07	4.38E-08	5.70E-08	9.05E-08	1.59E-08	9.00E-08	5.04E-07
3396	474363.09	3848877.25	1.10E-03	1.08E-03	1.06E-03	3.82E-07	1.15E-06	6.68E-07	6.52E-07	5.91E-07	2.70E-07	2.66E-07	1.28E-08	3.08E-07	6.80E-08	8.85E-08	1.40E-07	2.48E-08	1.40E-07	7.83E-07
3397	474863.09	3848877.25	3.56E-03	3.48E-03	3.43E-03	1.23E-06	3.72E-06	2.16E-06	2.10E-06	1.91E-06	8.70E-07	8.58E-07	4.12E-08	9.95E-07	2.19E-07	2.86E-07	4.53E-07	7.98E-08	4.50E-07	2.52E-06
3398	475363.09	3848877.25	7.67E-03	7.49E-03	7.39E-03	2.66E-06	8.02E-06	4.64E-06	4.53E-06	4.11E-06	1.87E-06	1.85E-06	8.87E-08	2.14E-06	4.73E-07	6.15E-07	9.75E-07	1.72E-07	9.70E-07	5.44E-06
3399	475863.09	3848877.25	3.75E-03	3.65E-03	3.61E-03	1.30E-06	3.91E-06	2.27E-06	2.21E-06	2.00E-06	9.15E-07	9.03E-07	4.33E-08	1.05E-06	2.31E-07	3.00E-07	4.76E-07	8.39E-08	4.74E-07	2.65E-06
3400	476363.09	3848877.25	2.62E-03	2.56E-03	2.53E-03	9.08E-07	2.74E-06	1.59E-06	1.55E-06	1.40E-06	6.41E-07	6.32E-07	3.03E-08	7.33E-07	1.62E-07	2.10E-07	3.34E-07	5.88E-08	3.32E-07	1.86E-06
3401	476863.09	3848877.25	1.99E-03	1.95E-03	1.92E-03	6.90E-07	2.08E-06	1.21E-06	1.18E-06	1.07E-06	4.87E-07	4.80E-07	2.30E-08	5.57E-07	1.23E-07	1.60E-07	2.54E-07	4.47E-08	2.52E-07	1.41E-06
3402	477363.09	3848877.25	1.81E-03	1.76E-03	1.74E-03	6.25E-07	1.89E-06	1.09E-06	1.07E-06	9.66E-07	4.41E-07	4.35E-07	2.09E-08	5.04E-07	1.11E-07	1.45E-07	2.30E-07	4.05E-08	2.28E-07	1.28E-06
3403	477863.09	3848877.25	1.47E-03	1.44E-03	1.42E-03	5.09E-07	1.54E-06	8.90E-07	8.69E-07	7.88E-07	3.59E-07	3.55E-07	1.70E-08	4.11E-07	9.07E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06

3404	478363.09	3848877.25	1.24E-03	1.21E-03	1.20E-03	4.30E-07	1.30E-06	7.52E-07	7.33E-07	6.65E-07	3.03E-07	2.99E-07	1.44E-08	3.47E-07	7.65E-08	9.96E-08	1.58E-07	2.78E-08	1.57E-07	8.80E-07
3405	478863.09	3848877.25	1.04E-03	1.02E-03	1.00E-03	3.61E-07	1.09E-06	6.30E-07	6.15E-07	5.58E-07	2.54E-07	2.51E-07	1.20E-08	2.91E-07	6.42E-08	8.35E-08	1.32E-07	2.33E-08	1.32E-07	7.38E-07
3406	479363.09	3848877.25	8.58E-04	8.37E-04	8.26E-04	2.97E-07	8.96E-07	5.19E-07	5.06E-07	4.59E-07	2.09E-07	2.07E-07	9.91E-09	2.39E-07	5.28E-08	6.87E-08	1.09E-07	1.92E-08	1.08E-07	6.08E-07
3407	479863.09	3848877.25	7.12E-04	6.95E-04	6.86E-04	2.47E-07	7.45E-07	4.31E-07	4.21E-07	3.81E-07	1.74E-07	1.72E-07	8.23E-09	1.99E-07	4.39E-08	5.71E-08	9.06E-08	1.60E-08	9.01E-08	5.05E-07
3408	480363.09	3848877.25	6.65E-04	6.49E-04	6.40E-04	2.30E-07	6.95E-07	4.02E-07	3.93E-07	3.56E-07	1.62E-07	1.60E-07	7.69E-09	1.86E-07	4.10E-08	5.33E-08	8.46E-08	1.49E-08	8.41E-08	4.71E-07
3409	480863.09	3848877.25	6.26E-04	6.11E-04	6.02E-04	2.17E-07	6.54E-07	3.79E-07	3.69E-07	3.35E-07	1.53E-07	1.51E-07	7.23E-09	1.75E-07	3.85E-08	5.02E-08	7.96E-08	1.40E-08	7.91E-08	4.43E-07
3410	481363.09	3848877.25	5.73E-04	5.59E-04	5.52E-04	1.98E-07	5.99E-07	3.47E-07	3.39E-07	3.07E-07	1.40E-07	1.38E-07	6.63E-09	1.60E-07	3.53E-08	4.60E-08	7.29E-08	1.29E-08	7.25E-08	4.06E-07
3411	481863.09	3848877.25	5.13E-04	5.01E-04	4.94E-04	1.78E-07	5.36E-07	3.11E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.93E-09	1.43E-07	3.16E-08	4.11E-08	6.53E-08	1.15E-08	6.49E-08	3.64E-07
3412	482363.09	3848877.25	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
3413	482863.09	3848877.25	4.10E-04	4.00E-04	3.95E-04	1.42E-07	4.28E-07	2.48E-07	2.42E-07	2.19E-07	1.00E-07	9.88E-08	4.74E-09	1.14E-07	2.53E-08	3.29E-08	5.21E-08	9.19E-09	5.18E-08	2.90E-07
3414	483363.09	3848877.25	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.27E-07	2.22E-07	2.01E-07	9.18E-08	9.06E-08	4.34E-09	1.05E-07	2.32E-08	3.01E-08	4.78E-08	8.42E-09	4.75E-08	2.66E-07
3415	483863.09	3848877.25	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
3416	484363.09	3848877.25	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.89E-07	2.25E-07	2.20E-07	1.99E-07	9.10E-08	8.98E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.35E-09	4.71E-08	2.64E-07
3417	484863.09	3848877.25	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.29E-08	9.17E-08	4.40E-09	1.06E-07	2.34E-08	3.05E-08	4.84E-08	8.53E-09	4.81E-08	2.70E-07
3418	485363.09	3848877.25	3.65E-04	3.56E-04	3.52E-04	1.26E-07	3.82E-07	2.21E-07	2.16E-07	1.95E-07	8.92E-08	8.80E-08	4.22E-09	1.02E-07	2.25E-08	2.93E-08	4.64E-08	8.18E-09	4.62E-08	2.59E-07
3419	485863.09	3848877.25	3.51E-04	3.42E-04	3.38E-04	1.21E-07	3.67E-07	2.12E-07	2.07E-07	1.88E-07	8.57E-08	8.46E-08	4.06E-09	9.80E-08	2.16E-08	2.81E-08	4.46E-08	7.87E-09	4.44E-08	2.49E-07
3420	486363.09	3848877.25	3.31E-04	3.23E-04	3.18E-04	1.14E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.08E-08	7.97E-08	3.82E-09	9.23E-08	2.04E-08	2.65E-08	4.20E-08	7.41E-09	4.18E-08	2.34E-07
3421	486863.09	3848877.25	3.10E-04	3.02E-04	2.98E-04	1.07E-07	3.24E-07	1.88E-07	1.83E-07	1.66E-07	7.57E-08	7.47E-08	3.58E-09	8.65E-08	1.91E-08	2.48E-08	3.94E-08	6.95E-09	3.92E-08	2.20E-07
3422	487363.09	3848877.25	3.02E-04	2.94E-04	2.90E-04	1.04E-07	3.15E-07	1.82E-07	1.78E-07	1.61E-07	7.37E-08	7.27E-08	3.49E-09	8.42E-08	1.86E-08	2.42E-08	3.84E-08	6.76E-09	3.81E-08	2.14E-07
3423	487863.09	3848877.25	2.89E-04	2.82E-04	2.78E-04	1.00E-07	3.02E-07	1.75E-07	1.70E-07	1.55E-07	7.05E-08	6.96E-08	3.34E-09	8.06E-08	1.78E-08	2.31E-08	3.67E-08	6.47E-09	3.65E-08	2.05E-07
3424	488363.09	3848877.25	2.79E-04	2.72E-04	2.69E-04	9.67E-08	2.92E-07	1.69E-07	1.65E-07	1.49E-07	6.82E-08	6.73E-08	3.23E-09	7.80E-08	1.72E-08	2.24E-08	3.55E-08	6.26E-09	3.53E-08	1.98E-07
3425	488863.09	3848877.25	2.69E-04	2.63E-04	2.59E-04	9.32E-08	2.81E-07	1.63E-07	1.59E-07	1.44E-07	6.58E-08	6.49E-08	3.11E-09	7.52E-08	1.66E-08	2.16E-08	3.42E-08	6.03E-09	3.41E-08	1.91E-07
3426	489363.09	3848877.25	2.63E-04	2.57E-04	2.54E-04	9.12E-08	2.75E-07	1.59E-07	1.56E-07	1.41E-07	6.43E-08	6.35E-08	3.05E-09	7.36E-08	1.62E-08	2.11E-08	3.35E-08	5.90E-09	3.33E-08	1.87E-07
3427	489863.09	3848877.25	2.58E-04	2.52E-04	2.49E-04	8.95E-08	2.70E-07	1.56E-07	1.53E-07	1.38E-07	6.31E-08	6.23E-08	2.99E-09	7.22E-08	1.59E-08	2.07E-08	3.29E-08	5.79E-09	3.27E-08	1.83E-07
3428	490363.09	3848877.25	2.46E-04	2.40E-04	2.37E-04	8.52E-08	2.57E-07	1.49E-07	1.45E-07	1.32E-07	6.01E-08	5.93E-08	2.84E-09	6.87E-08	1.52E-08	1.97E-08	3.13E-08	5.51E-09	3.11E-08	1.74E-07
3429	490863.09	3848877.25	2.34E-04	2.28E-04	2.25E-04	8.10E-08	2.45E-07	1.42E-07	1.38E-07	1.25E-07	5.71E-08	5.64E-08	2.70E-09	6.53E-08	1.44E-08	1.88E-08	2.98E-08	5.24E-09	2.96E-08	1.66E-07
3430	491363.09	3848877.25	2.25E-04	2.19E-04	2.17E-04	7.78E-08	2.35E-07	1.36E-07	1.33E-07	1.20E-07	5.49E-08	5.42E-08	2.60E-09	6.28E-08	1.39E-08	1.80E-08	2.86E-08	5.04E-09	2.84E-08	1.59E-07
3431	491863.09	3848877.25	2.12E-04	2.06E-04	2.04E-04	7.32E-08	2.21E-07	1.28E-07	1.25E-07	1.13E-07	5.17E-08	5.10E-08	2.45E-09	5.91E-08	1.30E-08	1.70E-08	2.69E-08	4.74E-09	2.68E-08	1.50E-07
3432	492363.09	3848877.25	1.99E-04	1.94E-04	1.92E-04	6.89E-08	2.08E-07	1.20E-07	1.18E-07	1.07E-07	4.86E-08	4.80E-08	2.30E-09	5.56E-08	1.23E-08	1.60E-08	2.53E-08	4.46E-09	2.52E-08	1.41E-07
3433	492863.09	3848877.25	1.85E-04	1.81E-04	1.79E-04	6.42E-08	1.94E-07	1.12E-07	1.09E-07	9.93E-08	4.53E-08	4.47E-08	2.14E-09	5.18E-08	1.14E-08	1.49E-08	2.36E-08	4.16E-09	2.35E-08	1.31E-07
3434	493363.09	3848877.25	1.73E-04	1.69E-04	1.67E-04	5.99E-08	1.81E-07	1.05E-07	1.02E-07	9.26E-08	4.23E-08	4.17E-08	2.00E-09	4.83E-08	1.07E-08	1.39E-08	2.20E-08	3.88E-09	2.19E-08	1.23E-07
3435	493863.09	3848877.25	1.71E-04	1.67E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.01E-07	9.17E-08	4.18E-08	4.13E-08	1.98E-09	4.78E-08	1.06E-08	1.37E-08	2.18E-08	3.84E-09	2.17E-08	1.21E-07
3436	494363.09	3848877.25	1.67E-04	1.63E-04	1.61E-04	5.79E-08	1.75E-07	1.01E-07	9.87E-08	8.95E-08	4.08E-08	4.03E-08	1.93E-09	4.67E-08	1.03E-08	1.34E-08	2.13E-08	3.75E-09	2.11E-08	1.18E-07
3437	494863.09	3848877.25	1.68E-04	1.64E-04	1.61E-04	5.80E-08	1.75E-07	1.01E-07	9.90E-08	8.97E-08	4.09E-08	4.04E-08	1.94E-09	4.68E-08	1.03E-08	1.34E-08	2.13E-08	3.76E-09	2.12E-08	1.19E-07
3438	495363.09	3848877.25	1.66E-04	1.62E-04	1.60E-04	5.74E-08	1.73E-07	1.00E-07	9.80E-08	8.88E-08	4.05E-08	4.00E-08	1.92E-09	4.63E-08	1.02E-08	1.33E-08	2.11E-08	3.72E-09	2.10E-08	1.18E-07
3439	495863.09	3848877.25	1.57E-04	1.53E-04	1.51E-04	5.44E-08	1.64E-07	9.51E-08	9.28E-08	8.42E-08	3.84E-08	3.79E-08	1.82E-09	4.39E-08	9.69E-09	1.26E-08	2.00E-08	3.52E-09	1.99E-08	1.11E-07
3440	496363.09	3848877.25	1.56E-04	1.52E-04	1.50E-04	5.40E-08	1.63E-07	9.44E-08	9.21E-08	8.35E-08	3.81E-08	3.76E-08	1.80E-09	4.36E-08	9.61E-09	1.25E-08	1.98E-08	3.50E-09	1.97E-08	1.11E-07
3441	496863.09	3848877.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
3442	497363.09	3848877.25	1.77E-04	1.72E-04	1.70E-04	6.12E-08	1.85E-07	1.07E-07	1.04E-07	9.46E-08	4.32E-08	4.26E-08	2.04E-09	4.93E-08	1.09E-08	1.42E-08	2.25E-08	3.96E-09	2.24E-08	1.25E-07
3443	497863.09	3848877.25	1.81E-04	1.77E-04	1.75E-04	6.28E-08	1.89E-07	1.10E-07	1.07E-07	9.70E-08	4.43E-08	4.37E-08	2.10E-09	5.06E-08	1.12E-08	1.45E-08	2.31E-08	4.06E-09	2.29E-08	1.28E-07
3444	498363.09	3848877.25	1.84E-04	1.79E-04	1.77E-04	6.36E-08	1.92E-07	1.11E-07	1.09E-07	9.84E-08	4.49E-08	4.43E-08	2.12E-09	5.13E-08	1.13E-08	1.47E-08	2.34E-08	4.12E-09	2.32E-08	1.30E-07
3445	471363.09	3849377.25	2.59E-04	2.53E-04	2.50E-04	8.98E-08	2.71E-07	1.57E-07	1.53E-07	1.39E-07	6.33E-08	6.25E-08	3.00E-09	7.24E-08	1.60E-08	2.08E-08	3.30E-08	5.81E-09	3.28E-08	1.84E-07
3446	471863.09	3849377.25	2.87E-04	2.80E-04	2.76E-04	9.94E-08	3.00E-07	1.74E-07	1.70E-07	1.54E-07	7.01E-08	6.92E-08	3.32E-09	8.02E-08	1.77E-08	2.30E-08	3.65E-08	6.43E-09	3.63E-08	2.03E-07
3447	472363.09	3849377.25	3.19E-04	3.11E-04	3.07E-04	1.10E-07	3.33E-07	1.93E-07	1.88E-07	1.71E-07	7.78E-08	7.68E-08	3.68E-09	8.90E-08	1.96E-08	2.55E-08	4.05E-08	7.14E-09	4.03E-08	2.26E-07
3448	472863.09	3849377.25	3.59E-04	3.50E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.12E-07	1.92E-07	8.76E-08	8.65E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.56E-08	8.04E-09	4.54E-08	2.54E-07
3449	473363.09	3849377.25	4.19E-04	4.09E-04	4.04E-04	1.45E-07	4.38E-07	2.54E-07	2.48E-07	2.24E-07	1.02E-07	1.01E-07	4.85E-09	1.17E-07	2.58E-08	3.36E-08	5.33E-08	9.40E-09	5.30E-08	2.97E-07
3450	473863.09	3849377.25	5.09E-04	4.96E-04	4.90E-04	1.76E-07	5.32E-07	3.08E-07	3.00E-07	2.72E-07	1.24E-07	1.23E-07	5.88E-09	1.42E-07	3.13E-08	4.08E-08	6.47E-08	1.14E-08	6.43E-08	3.60E-07
3451	474363.09	3849377.25	6.46E-04	6.30E-04	6.22E-04	2.24E-07	6.75E-07	3.91E-07	3.81E-07	3.46E-07	1.58E-07	1.56E-07	7.47E-09	1.80E-07	3.98E-08	5.18E-08	8.21E-08	1.45E-08	8.17E-08	4.58E-07
3452	474863.09	3849377.25	8.94E-04	8.72E-04	8.60E-04	3.09E-07	9.34E-07	5.41E-07	5.28E-07	4.78E-07	2.18E-07	2.15E-07	1.03E-08	2.50E-07	5.51E-08	7.16E-08	1.14E-07	2.00E-08	1.13E-07	6.33E-07
3453	475363.09	3849377.25	1.46E-03	1.42E-03	1.40E-03	5.04E-07	1.52E-06	8.82E-07	8.60E-07	7.80E-07	3.56E-07	3.51E-07	1.68E-08	4.07E-07	8.98E-08	1.17E-07	1.85E-07	3.27E-08	1.84E-07	1.03E-06
3454	475863.09	3849377.25	2.52E-03	2.46E-03	2.42E-03	8.71E-07	2.63E-06	1.52E-06	1.49E-06	1.35E-06	6.15E-07	6.06E-07	2.91E-08	7.03E-07	1.55E-07	2.02E-07	3.20E-07	5.64E-08	3.18E-07	1.78E-06
3455	476363.09	3849377.25	5.50E-03	5.36E-03	5.29E-03	1.90E-06	5.74E-06	3.32E-06	3.24E-06	2.94E-06	1.34E-06	1.32E-06	6.35E-08	1.53E-06	3.39E-07	4.41E-07	6.99E-07	1.23E-07	6.95E-07	3.89E-06
3456	476863.09	3849377.25	1.53E-02	1.49E-02	1.47E-02	5.28E-06	1.59E-05	9.23E-06	9.01E-06	8.16E-06	3.73E-06	3.68E-06	1.76E-07	4.26E-06	9.40E-07	1.22E-06	1.94E-06	3.42E-07	1.93E-06	1.08E-05
3457	477363.09	3849377.25	4.38E-03	4.27E-03	4.21E-03	1.52E-06	4.57E-06	2.65E-06	2.58E-06	2.34E-06	1.07E-06	1.05E-06	5.06E-08	1.22E-06	2.70E-07	3.51E-07	5.57E-07	9.81E-08	5.54E-07	3.10E-06
3458	477863.09	3849377.25	2.63E-03	2.56E-03	2.53E-03	9.10E-07	2.75E-06	1.59E-06	1.55E-06	1.41E-06	6.42E-07	6.33E-07	3.04E-08	7.34E-07	1.62E-07	2.11E-07	3.34E-07	5.89E-08	3.32E-07	1.86E-06

3459	478363.09	3849377.25	1.93E-03	1.89E-03	1.86E-03	6.69E-07	2.02E-06	1.17E-06	1.14E-06	1.03E-06	4.72E-07	4.66E-07	2.23E-08	5.40E-07	1.19E-07	1.55E-07	2.46E-07	4.33E-08	2.45E-07	1.37E-06
3460	478863.09	3849377.25	1.46E-03	1.42E-03	1.41E-03	5.05E-07	1.53E-06	8.83E-07	8.62E-07	7.81E-07	3.56E-07	3.52E-07	1.69E-08	4.08E-07	8.99E-08	1.17E-07	1.86E-07	3.27E-08	1.85E-07	1.03E-06
3461	479363.09	3849377.25	1.19E-03	1.17E-03	1.15E-03	4.14E-07	1.25E-06	7.23E-07	7.05E-07	6.40E-07	2.92E-07	2.88E-07	1.38E-08	3.34E-07	7.36E-08	9.58E-08	1.52E-07	2.68E-08	1.51E-07	8.47E-07
3462	479863.09	3849377.25	9.41E-04	9.18E-04	9.06E-04	3.26E-07	9.83E-07	5.69E-07	5.56E-07	5.04E-07	2.30E-07	2.27E-07	1.09E-08	2.63E-07	5.80E-08	7.54E-08	1.20E-07	2.11E-08	1.19E-07	6.67E-07
3463	480363.09	3849377.25	8.91E-04	8.70E-04	8.58E-04	3.08E-07	9.31E-07	5.39E-07	5.26E-07	4.77E-07	2.18E-07	2.15E-07	1.03E-08	2.49E-07	5.49E-08	7.14E-08	1.13E-07	2.00E-08	1.13E-07	6.31E-07
3464	480863.09	3849377.25	7.83E-04	7.64E-04	7.54E-04	2.71E-07	8.19E-07	4.74E-07	4.62E-07	4.19E-07	1.91E-07	1.89E-07	9.05E-09	2.19E-07	4.83E-08	6.28E-08	9.96E-08	1.76E-08	9.91E-08	5.55E-07
3465	481363.09	3849377.25	6.69E-04	6.53E-04	6.44E-04	2.32E-07	6.99E-07	4.05E-07	3.95E-07	3.58E-07	1.63E-07	1.61E-07	7.74E-09	1.87E-07	4.12E-08	5.36E-08	8.51E-08	1.50E-08	8.46E-08	4.74E-07
3466	481863.09	3849377.25	5.49E-04	5.36E-04	5.29E-04	1.90E-07	5.74E-07	3.32E-07	3.24E-07	2.94E-07	1.34E-07	1.32E-07	6.35E-09	1.53E-07	3.38E-08	4.40E-08	6.99E-08	1.23E-08	6.95E-08	3.89E-07
3467	482363.09	3849377.25	4.90E-04	4.79E-04	4.72E-04	1.70E-07	5.13E-07	2.97E-07	2.90E-07	2.62E-07	1.20E-07	1.18E-07	5.67E-09	1.37E-07	3.02E-08	3.93E-08	6.24E-08	1.10E-08	6.20E-08	3.47E-07
3468	482863.09	3849377.25	4.32E-04	4.22E-04	4.16E-04	1.50E-07	4.52E-07	2.62E-07	2.55E-07	2.31E-07	1.06E-07	1.04E-07	5.00E-09	1.21E-07	2.66E-08	3.47E-08	5.50E-08	9.69E-09	5.47E-08	3.06E-07
3469	483363.09	3849377.25	3.97E-04	3.88E-04	3.83E-04	1.38E-07	4.15E-07	2.40E-07	2.35E-07	2.13E-07	9.71E-08	9.58E-08	4.59E-09	1.11E-07	2.45E-08	3.19E-08	5.05E-08	8.91E-09	5.03E-08	2.82E-07
3470	483863.09	3849377.25	3.56E-04	3.48E-04	3.43E-04	1.23E-07	3.72E-07	2.16E-07	2.10E-07	1.91E-07	8.70E-08	8.59E-08	4.12E-09	9.95E-08	2.20E-08	2.86E-08	4.53E-08	7.99E-09	4.51E-08	2.53E-07
3471	484363.09	3849377.25	4.06E-04	3.96E-04	3.91E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.17E-07	9.92E-08	9.79E-08	4.70E-09	1.13E-07	2.50E-08	3.26E-08	5.17E-08	9.10E-09	5.14E-08	2.88E-07
3472	484863.09	3849377.25	4.21E-04	4.11E-04	4.05E-04	1.46E-07	4.40E-07	2.55E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.35E-08	9.43E-09	5.32E-08	2.98E-07
3473	485363.09	3849377.25	4.03E-04	3.94E-04	3.88E-04	1.40E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.85E-08	9.72E-08	4.66E-09	1.13E-07	2.48E-08	3.23E-08	5.13E-08	9.04E-09	5.10E-08	2.86E-07
3474	485863.09	3849377.25	3.57E-04	3.48E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.71E-08	8.60E-08	4.12E-09	9.96E-08	2.20E-08	2.86E-08	4.54E-08	8.00E-09	4.51E-08	2.53E-07
3475	486363.09	3849377.25	3.19E-04	3.11E-04	3.07E-04	1.10E-07	3.33E-07	1.93E-07	1.88E-07	1.71E-07	7.79E-08	7.69E-08	3.69E-09	8.91E-08	1.97E-08	2.56E-08	4.06E-08	7.15E-09	4.03E-08	2.26E-07
3476	486863.09	3849377.25	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.12E-08	8.01E-08	3.84E-09	9.28E-08	2.05E-08	2.66E-08	4.23E-08	7.45E-09	4.20E-08	2.35E-07
3477	487363.09	3849377.25	3.26E-04	3.18E-04	3.14E-04	1.13E-07	3.40E-07	1.97E-07	1.92E-07	1.74E-07	7.95E-08	7.85E-08	3.76E-09	9.09E-08	2.01E-08	2.61E-08	4.14E-08	7.30E-09	4.12E-08	2.31E-07
3478	487863.09	3849377.25	3.12E-04	3.05E-04	3.01E-04	1.08E-07	3.27E-07	1.89E-07	1.84E-07	1.67E-07	7.63E-08	7.53E-08	3.61E-09	8.72E-08	1.92E-08	2.50E-08	3.97E-08	7.00E-09	3.95E-08	2.21E-07
3479	488363.09	3849377.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.82E-07	1.77E-07	1.61E-07	7.34E-08	7.24E-08	3.47E-09	8.39E-08	1.85E-08	2.41E-08	3.82E-08	6.73E-09	3.80E-08	2.13E-07
3480	488863.09	3849377.25	2.91E-04	2.84E-04	2.80E-04	1.01E-07	3.04E-07	1.76E-07	1.72E-07	1.56E-07	7.11E-08	7.02E-08	3.37E-09	8.13E-08	1.79E-08	2.33E-08	3.70E-08	6.53E-09	3.68E-08	2.06E-07
3481	489363.09	3849377.25	2.83E-04	2.76E-04	2.72E-04	9.78E-08	2.95E-07	1.71E-07	1.67E-07	1.51E-07	6.90E-08	6.81E-08	3.27E-09	7.89E-08	1.74E-08	2.26E-08	3.59E-08	6.33E-09	3.57E-08	2.00E-07
3482	489863.09	3849377.25	2.72E-04	2.65E-04	2.62E-04	9.41E-08	2.84E-07	1.64E-07	1.60E-07	1.45E-07	6.64E-08	6.55E-08	3.14E-09	7.59E-08	1.67E-08	2.18E-08	3.46E-08	6.09E-09	3.44E-08	1.93E-07
3483	490363.09	3849377.25	2.57E-04	2.51E-04	2.47E-04	8.89E-08	2.68E-07	1.55E-07	1.52E-07	1.37E-07	6.27E-08	6.19E-08	2.97E-09	7.17E-08	1.58E-08	2.06E-08	3.27E-08	5.76E-09	3.25E-08	1.82E-07
3484	490863.09	3849377.25	2.45E-04	2.39E-04	2.36E-04	8.49E-08	2.56E-07	1.48E-07	1.45E-07	1.31E-07	5.99E-08	5.91E-08	2.83E-09	6.85E-08	1.51E-08	1.97E-08	3.12E-08	5.50E-09	3.10E-08	1.74E-07
3485	491363.09	3849377.25	2.35E-04	2.29E-04	2.26E-04	8.13E-08	2.45E-07	1.42E-07	1.39E-07	1.26E-07	5.73E-08	5.66E-08	2.71E-09	6.56E-08	1.45E-08	1.88E-08	2.99E-08	5.26E-09	2.97E-08	1.66E-07
3486	491863.09	3849377.25	2.20E-04	2.15E-04	2.12E-04	7.61E-08	2.30E-07	1.33E-07	1.30E-07	1.18E-07	5.37E-08	5.30E-08	2.54E-09	6.14E-08	1.35E-08	1.76E-08	2.80E-08	4.93E-09	2.78E-08	1.56E-07
3487	492363.09	3849377.25	2.07E-04	2.02E-04	1.99E-04	7.15E-08	2.16E-07	1.25E-07	1.22E-07	1.11E-07	5.05E-08	4.98E-08	2.39E-09	5.77E-08	1.27E-08	1.66E-08	2.63E-08	4.63E-09	2.61E-08	1.46E-07
3488	492863.09	3849377.25	1.89E-04	1.85E-04	1.82E-04	6.55E-08	1.98E-07	1.14E-07	1.12E-07	1.01E-07	4.62E-08	4.56E-08	2.19E-09	5.28E-08	1.17E-08	1.52E-08	2.41E-08	4.24E-09	2.39E-08	1.34E-07
3489	493363.09	3849377.25	1.80E-04	1.76E-04	1.74E-04	6.25E-08	1.89E-07	1.09E-07	1.07E-07	9.66E-08	4.41E-08	4.35E-08	2.09E-09	5.04E-08	1.11E-08	1.45E-08	2.30E-08	4.04E-09	2.28E-08	1.28E-07
3490	493863.09	3849377.25	1.75E-04	1.71E-04	1.69E-04	6.06E-08	1.83E-07	1.06E-07	1.03E-07	9.37E-08	4.28E-08	4.22E-08	2.02E-09	4.89E-08	1.08E-08	1.40E-08	2.23E-08	3.92E-09	2.21E-08	1.24E-07
3491	494363.09	3849377.25	1.74E-04	1.70E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.03E-07	9.33E-08	4.26E-08	4.20E-08	2.01E-09	4.87E-08	1.07E-08	1.40E-08	2.22E-08	3.91E-09	2.20E-08	1.23E-07
3492	494863.09	3849377.25	1.82E-04	1.78E-04	1.75E-04	6.30E-08	1.90E-07	1.10E-07	1.08E-07	9.75E-08	4.45E-08	4.39E-08	2.11E-09	5.09E-08	1.12E-08	1.46E-08	2.32E-08	4.08E-09	2.30E-08	1.29E-07
3493	495363.09	3849377.25	1.82E-04	1.78E-04	1.75E-04	6.30E-08	1.90E-07	1.10E-07	1.08E-07	9.75E-08	4.45E-08	4.39E-08	2.11E-09	5.09E-08	1.12E-08	1.46E-08	2.32E-08	4.08E-09	2.30E-08	1.29E-07
3494	495863.09	3849377.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
3495	496363.09	3849377.25	1.55E-04	1.51E-04	1.49E-04	5.37E-08	1.62E-07	9.39E-08	9.16E-08	8.30E-08	3.79E-08	3.74E-08	1.79E-09	4.33E-08	9.56E-09	1.24E-08	1.97E-08	3.48E-09	1.96E-08	1.10E-07
3496	496863.09	3849377.25	1.75E-04	1.71E-04	1.69E-04	6.06E-08	1.83E-07	1.06E-07	1.03E-07	9.37E-08	4.28E-08	4.22E-08	2.02E-09	4.89E-08	1.08E-08	1.40E-08	2.23E-08	3.92E-09	2.21E-08	1.24E-07
3497	497363.09	3849377.25	1.78E-04	1.74E-04	1.72E-04	6.18E-08	1.86E-07	1.08E-07	1.05E-07	9.55E-08	4.36E-08	4.30E-08	2.06E-09	4.98E-08	1.10E-08	1.43E-08	2.27E-08	4.00E-09	2.26E-08	1.26E-07
3498	497863.09	3849377.25	1.96E-04	1.91E-04	1.89E-04	6.79E-08	2.05E-07	1.19E-07	1.16E-07	1.05E-07	4.79E-08	4.73E-08	2.27E-09	5.48E-08	1.21E-08	1.57E-08	2.50E-08	4.40E-09	2.48E-08	1.39E-07
3499	498363.09	3849377.25	1.90E-04	1.85E-04	1.83E-04	6.56E-08	1.98E-07	1.15E-07	1.12E-07	1.01E-07	4.63E-08	4.57E-08	2.19E-09	5.29E-08	1.17E-08	1.52E-08	2.41E-08	4.25E-09	2.40E-08	1.34E-07
3500	471363.09	3849877.25	2.19E-04	2.14E-04	2.11E-04	7.58E-08	2.29E-07	1.33E-07	1.29E-07	1.17E-07	5.35E-08	5.28E-08	2.53E-09	6.12E-08	1.35E-08	1.76E-08	2.79E-08	4.91E-09	2.77E-08	1.55E-07
3501	471863.09	3849877.25	2.56E-04	2.50E-04	2.47E-04	8.88E-08	2.68E-07	1.55E-07	1.51E-07	1.37E-07	6.26E-08	6.18E-08	2.96E-09	7.16E-08	1.58E-08	2.06E-08	3.26E-08	5.75E-09	3.24E-08	1.82E-07
3502	472363.09	3849877.25	2.85E-04	2.78E-04	2.74E-04	9.85E-08	2.97E-07	1.72E-07	1.68E-07	1.52E-07	6.95E-08	6.86E-08	3.29E-09	7.95E-08	1.75E-08	2.28E-08	3.62E-08	6.38E-09	3.60E-08	2.02E-07
3503	472863.09	3849877.25	3.12E-04	3.04E-04	3.00E-04	1.08E-07	3.26E-07	1.89E-07	1.84E-07	1.67E-07	7.62E-08	7.52E-08	3.61E-09	8.71E-08	1.92E-08	2.50E-08	3.97E-08	6.99E-09	3.95E-08	2.21E-07
3504	473363.09	3849877.25	3.48E-04	3.40E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.06E-07	1.87E-07	8.51E-08	8.40E-08	4.03E-09	9.73E-08	2.15E-08	2.79E-08	4.43E-08	7.81E-09	4.41E-08	2.47E-07
3505	473863.09	3849877.25	3.96E-04	3.87E-04	3.81E-04	1.37E-07	4.14E-07	2.40E-07	2.34E-07	2.12E-07	9.68E-08	9.55E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.88E-09	5.01E-08	2.81E-07
3506	474363.09	3849877.25	4.60E-04	4.49E-04	4.43E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.31E-09	1.28E-07	2.83E-08	3.69E-08	5.85E-08	1.03E-08	5.81E-08	3.26E-07
3507	474863.09	3849877.25	5.39E-04	5.26E-04	5.19E-04	1.87E-07	5.63E-07	3.26E-07	3.18E-07	2.88E-07	1.32E-07	1.30E-07	6.23E-09	1.50E-07	3.32E-08	4.32E-08	6.85E-08	1.21E-08	6.82E-08	3.82E-07
3508	475363.09	3849877.25	6.47E-04	6.31E-04	6.23E-04	2.24E-07	6.76E-07	3.91E-07	3.82E-07	3.46E-07	1.58E-07	1.56E-07	7.48E-09	1.81E-07	3.99E-08	5.18E-08	8.23E-08	1.45E-08	8.18E-08	4.58E-07
3509	475863.09	3849877.25	7.90E-04	7.71E-04	7.61E-04	2.74E-07	8.26E-07	4.78E-07	4.67E-07	4.23E-07	1.93E-07	1.90E-07	9.14E-09	2.21E-07	4.87E-08	6.34E-08	1.01E-07	1.77E-08	1.00E-07	5.60E-07
3510	476363.09	3849877.25	1.01E-03	9.84E-04	9.71E-04	3.49E-07	1.05E-06	6.10E-07	5.95E-07	5.40E-07	2.46E-07	2.43E-07	1.17E-08	2.82E-07	6.21E-08	8.09E-08	1.28E-07	2.26E-08	1.28E-07	7.15E-07
3511	476863.09	3849877.25	1.50E-03	1.46E-03	1.44E-03	5.18E-07	1.56E-06	9.05E-07	8.83E-07	8.01E-07	3.65E-07	3.60E-07	1.73E-08	4.18E-07	9.22E-08	1.20E-07	1.90E-07	3.35E-08	1.89E-07	1.06E-06
3512	477363.09	3849877.25	3.54E-03	3.45E-03	3.41E-03	1.22E-06	3.70E-06	2.14E-06	2.09E-06	1.89E-06	8.64E-07	8.52E-07	4.09E-08	9.87E-07	2.18E-07	2.83E-07	4.50E-07	7.93E-08	4.47E-07	2.51E-06
3513	477863.09	3849877.25	1.69E-02	1.65E-02	1.63E-02	5.84E-06	1.76E-05	1.02E-05	9.97E-06	9.04E-06	4.12E-06	4.07E-06	1.95E-07	4.71E-06	1.04E-06	1.35E-06	2.15E-06	3.78E-07	2.14E-06	1.20E-05

3514	478363.09	3849877.25	4.63E-03	4.52E-03	4.46E-03	1.60E-06	4.84E-06	2.80E-06	2.73E-06	2.48E-06	1.13E-06	1.12E-06	5.35E-08	1.29E-06	2.85E-07	3.71E-07	5.89E-07	1.04E-07	5.85E-07	3.28E-06
3515	478863.09	3849877.25	2.78E-03	2.71E-03	2.68E-03	9.63E-07	2.91E-06	1.68E-06	1.64E-06	1.49E-06	6.79E-07	6.70E-07	3.21E-08	7.76E-07	1.71E-07	2.23E-07	3.54E-07	6.23E-08	3.52E-07	1.97E-06
3516	479363.09	3849877.25	1.91E-03	1.86E-03	1.84E-03	6.61E-07	2.00E-06	1.16E-06	1.13E-06	1.02E-06	4.66E-07	4.60E-07	2.21E-08	5.33E-07	1.18E-07	1.53E-07	2.43E-07	4.28E-08	2.41E-07	1.35E-06
3517	479863.09	3849877.25	1.52E-03	1.48E-03	1.47E-03	5.27E-07	1.59E-06	9.21E-07	8.99E-07	8.14E-07	3.72E-07	3.67E-07	1.76E-08	4.25E-07	9.38E-08	1.22E-07	1.94E-07	3.41E-08	1.92E-07	1.08E-06
3518	480363.09	3849877.25	1.16E-03	1.14E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	6.87E-07	6.23E-07	2.84E-07	2.80E-07	1.35E-08	3.25E-07	7.17E-08	9.33E-08	1.48E-07	2.61E-08	1.47E-07	8.25E-07
3519	480863.09	3849877.25	9.46E-04	9.23E-04	9.10E-04	3.27E-07	9.88E-07	5.72E-07	5.58E-07	5.06E-07	2.31E-07	2.28E-07	1.09E-08	2.64E-07	5.83E-08	7.58E-08	1.20E-07	2.12E-08	1.20E-07	6.70E-07
3520	481363.09	3849877.25	8.08E-04	7.88E-04	7.78E-04	2.80E-07	8.44E-07	4.89E-07	4.77E-07	4.32E-07	1.97E-07	1.95E-07	9.34E-09	2.26E-07	4.98E-08	6.48E-08	1.03E-07	1.81E-08	1.02E-07	5.72E-07
3521	481863.09	3849877.25	6.25E-04	6.10E-04	6.02E-04	2.16E-07	6.53E-07	3.78E-07	3.69E-07	3.35E-07	1.53E-07	1.51E-07	7.23E-09	1.75E-07	3.85E-08	5.01E-08	7.95E-08	1.40E-08	7.91E-08	4.43E-07
3522	482363.09	3849877.25	5.36E-04	5.23E-04	5.17E-04	1.86E-07	5.61E-07	3.25E-07	3.17E-07	2.87E-07	1.31E-07	1.29E-07	6.20E-09	1.50E-07	3.31E-08	4.30E-08	6.82E-08	1.20E-08	6.78E-08	3.80E-07
3523	482863.09	3849877.25	4.75E-04	4.64E-04	4.58E-04	1.65E-07	4.97E-07	2.88E-07	2.81E-07	2.54E-07	1.16E-07	1.15E-07	5.50E-09	1.33E-07	2.93E-08	3.81E-08	6.05E-08	1.07E-08	6.01E-08	3.37E-07
3524	483363.09	3849877.25	4.22E-04	4.12E-04	4.07E-04	1.46E-07	4.41E-07	2.56E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.39E-08	5.37E-08	9.47E-09	5.34E-08	2.99E-07
3525	483863.09	3849877.25	4.02E-04	3.92E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.37E-07	2.15E-07	9.82E-08	9.69E-08	4.65E-09	1.12E-07	2.48E-08	3.22E-08	5.11E-08	9.01E-09	5.08E-08	2.85E-07
3526	484363.09	3849877.25	4.41E-04	4.30E-04	4.24E-04	1.53E-07	4.61E-07	2.67E-07	2.60E-07	2.36E-07	1.08E-07	1.06E-07	5.09E-09	1.23E-07	2.71E-08	3.53E-08	5.60E-08	9.87E-09	5.57E-08	3.12E-07
3527	484863.09	3849877.25	4.70E-04	4.58E-04	4.52E-04	1.63E-07	4.91E-07	2.84E-07	2.77E-07	2.51E-07	1.15E-07	1.13E-07	5.43E-09	1.31E-07	2.89E-08	3.76E-08	5.97E-08	1.05E-08	5.94E-08	3.33E-07
3528	485363.09	3849877.25	4.37E-04	4.26E-04	4.21E-04	1.51E-07	4.57E-07	2.64E-07	2.58E-07	2.34E-07	1.07E-07	1.05E-07	5.05E-09	1.22E-07	2.69E-08	3.50E-08	5.56E-08	9.79E-09	5.53E-08	3.10E-07
3529	485863.09	3849877.25	3.96E-04	3.87E-04	3.81E-04	1.37E-07	4.14E-07	2.40E-07	2.34E-07	2.12E-07	9.68E-08	9.55E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.88E-09	5.01E-08	2.81E-07
3530	486363.09	3849877.25	3.71E-04	3.62E-04	3.57E-04	1.28E-07	3.88E-07	2.24E-07	2.19E-07	1.99E-07	9.06E-08	8.94E-08	4.29E-09	1.04E-07	2.29E-08	2.97E-08	4.72E-08	8.31E-09	4.69E-08	2.63E-07
3531	486863.09	3849877.25	3.70E-04	3.61E-04	3.56E-04	1.28E-07	3.87E-07	2.24E-07	2.19E-07	1.98E-07	9.04E-08	8.92E-08	4.28E-09	1.03E-07	2.28E-08	2.97E-08	4.71E-08	8.29E-09	4.68E-08	2.62E-07
3532	487363.09	3849877.25	3.55E-04	3.47E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.10E-07	1.90E-07	8.67E-08	8.56E-08	4.11E-09	9.92E-08	2.19E-08	2.85E-08	4.52E-08	7.96E-09	4.49E-08	2.52E-07
3533	487863.09	3849877.25	3.39E-04	3.30E-04	3.26E-04	1.17E-07	3.54E-07	2.05E-07	2.00E-07	1.81E-07	8.27E-08	8.16E-08	3.91E-09	9.45E-08	2.09E-08	2.71E-08	4.31E-08	7.59E-09	4.28E-08	2.40E-07
3534	488363.09	3849877.25	3.25E-04	3.17E-04	3.13E-04	1.12E-07	3.40E-07	1.97E-07	1.92E-07	1.74E-07	7.93E-08	7.83E-08	3.76E-09	9.07E-08	2.00E-08	2.60E-08	4.13E-08	7.28E-09	4.11E-08	2.30E-07
3535	488863.09	3849877.25	3.13E-04	3.06E-04	3.02E-04	1.08E-07	3.27E-07	1.90E-07	1.85E-07	1.68E-07	7.65E-08	7.55E-08	3.62E-09	8.75E-08	1.93E-08	2.51E-08	3.98E-08	7.02E-09	3.96E-08	2.22E-07
3536	489363.09	3849877.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.81E-07	1.77E-07	1.61E-07	7.33E-08	7.23E-08	3.47E-09	8.38E-08	1.85E-08	2.40E-08	3.81E-08	6.72E-09	3.79E-08	2.13E-07
3537	489863.09	3849877.25	2.85E-04	2.78E-04	2.74E-04	9.87E-08	2.98E-07	1.72E-07	1.68E-07	1.53E-07	6.96E-08	6.87E-08	3.29E-09	7.96E-08	1.76E-08	2.28E-08	3.62E-08	6.39E-09	3.60E-08	2.02E-07
3538	490363.09	3849877.25	2.70E-04	2.63E-04	2.60E-04	9.34E-08	2.82E-07	1.63E-07	1.59E-07	1.44E-07	6.59E-08	6.50E-08	3.12E-09	7.53E-08	1.66E-08	2.16E-08	3.43E-08	6.04E-09	3.41E-08	1.91E-07
3539	490863.09	3849877.25	2.57E-04	2.51E-04	2.48E-04	8.90E-08	2.69E-07	1.56E-07	1.52E-07	1.38E-07	6.28E-08	6.20E-08	2.97E-09	7.18E-08	1.58E-08	2.06E-08	3.27E-08	5.77E-09	3.25E-08	1.82E-07
3540	491363.09	3849877.25	2.46E-04	2.40E-04	2.37E-04	8.52E-08	2.57E-07	1.49E-07	1.45E-07	1.32E-07	6.01E-08	5.93E-08	2.84E-09	6.87E-08	1.52E-08	1.97E-08	3.13E-08	5.51E-09	3.11E-08	1.74E-07
3541	491863.09	3849877.25	2.30E-04	2.25E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.36E-07	1.23E-07	5.62E-08	5.55E-08	2.66E-09	6.43E-08	1.42E-08	1.85E-08	2.93E-08	5.16E-09	2.91E-08	1.63E-07
3542	492363.09	3849877.25	2.17E-04	2.12E-04	2.09E-04	7.51E-08	2.27E-07	1.31E-07	1.28E-07	1.16E-07	5.30E-08	5.23E-08	2.51E-09	6.06E-08	1.34E-08	1.74E-08	2.76E-08	4.86E-09	2.74E-08	1.54E-07
3543	492863.09	3849877.25	2.02E-04	1.98E-04	1.95E-04	7.01E-08	2.12E-07	1.23E-07	1.20E-07	1.08E-07	4.94E-08	4.88E-08	2.34E-09	5.65E-08	1.25E-08	1.62E-08	2.57E-08	4.54E-09	2.56E-08	1.43E-07
3544	493363.09	3849877.25	1.88E-04	1.83E-04	1.81E-04	6.51E-08	1.96E-07	1.14E-07	1.11E-07	1.01E-07	4.59E-08	4.53E-08	2.17E-09	5.25E-08	1.16E-08	1.51E-08	2.39E-08	4.21E-09	2.38E-08	1.33E-07
3545	493863.09	3849877.25	1.79E-04	1.75E-04	1.73E-04	6.20E-08	1.87E-07	1.08E-07	1.06E-07	9.59E-08	4.38E-08	4.32E-08	2.07E-09	5.00E-08	1.10E-08	1.44E-08	2.28E-08	4.02E-09	2.27E-08	1.27E-07
3546	494363.09	3849877.25	1.92E-04	1.87E-04	1.85E-04	6.64E-08	2.00E-07	1.16E-07	1.13E-07	1.03E-07	4.68E-08	4.62E-08	2.22E-09	5.35E-08	1.18E-08	1.54E-08	2.44E-08	4.30E-09	2.42E-08	1.36E-07
3547	494863.09	3849877.25	1.97E-04	1.93E-04	1.90E-04	6.84E-08	2.06E-07	1.19E-07	1.17E-07	1.06E-07	4.82E-08	4.76E-08	2.28E-09	5.51E-08	1.22E-08	1.58E-08	2.51E-08	4.43E-09	2.50E-08	1.40E-07
3548	495363.09	3849877.25	1.82E-04	1.77E-04	1.75E-04	6.29E-08	1.90E-07	1.10E-07	1.07E-07	9.73E-08	4.44E-08	4.38E-08	2.10E-09	5.07E-08	1.12E-08	1.46E-08	2.31E-08	4.07E-09	2.30E-08	1.29E-07
3549	495863.09	3849877.25	1.90E-04	1.85E-04	1.83E-04	6.58E-08	1.99E-07	1.15E-07	1.12E-07	1.02E-07	4.64E-08	4.58E-08	2.20E-09	5.31E-08	1.17E-08	1.52E-08	2.42E-08	4.26E-09	2.40E-08	1.35E-07
3550	496363.09	3849877.25	1.90E-04	1.85E-04	1.83E-04	6.58E-08	1.99E-07	1.15E-07	1.12E-07	1.02E-07	4.64E-08	4.58E-08	2.20E-09	5.31E-08	1.17E-08	1.52E-08	2.42E-08	4.26E-09	2.40E-08	1.35E-07
3551	496863.09	3849877.25	1.89E-04	1.85E-04	1.82E-04	6.55E-08	1.98E-07	1.14E-07	1.12E-07	1.01E-07	4.62E-08	4.56E-08	2.19E-09	5.28E-08	1.17E-08	1.52E-08	2.41E-08	4.24E-09	2.39E-08	1.34E-07
3552	497363.09	3849877.25	2.00E-04	1.95E-04	1.93E-04	6.92E-08	2.09E-07	1.21E-07	1.18E-07	1.07E-07	4.88E-08	4.82E-08	2.31E-09	5.58E-08	1.23E-08	1.60E-08	2.54E-08	4.48E-09	2.53E-08	1.42E-07
3553	497863.09	3849877.25	2.01E-04	1.96E-04	1.94E-04	6.97E-08	2.10E-07	1.22E-07	1.19E-07	1.08E-07	4.91E-08	4.85E-08	2.33E-09	5.62E-08	1.24E-08	1.61E-08	2.56E-08	4.51E-09	2.54E-08	1.43E-07
3554	498363.09	3849877.25	1.95E-04	1.90E-04	1.88E-04	6.75E-08	2.04E-07	1.18E-07	1.15E-07	1.04E-07	4.76E-08	4.70E-08	2.25E-09	5.44E-08	1.20E-08	1.56E-08	2.48E-08	4.37E-09	2.47E-08	1.38E-07
3555	471363.09	3850377.25	1.61E-04	1.57E-04	1.55E-04	5.57E-08	1.68E-07	9.74E-08	9.50E-08	8.62E-08	3.93E-08	3.88E-08	1.86E-09	4.49E-08	9.92E-09	1.29E-08	2.05E-08	3.61E-09	2.04E-08	1.14E-07
3556	471863.09	3850377.25	2.06E-04	2.01E-04	1.98E-04	7.12E-08	2.15E-07	1.25E-07	1.21E-07	1.10E-07	5.03E-08	4.96E-08	2.38E-09	5.75E-08	1.27E-08	1.65E-08	2.62E-08	4.61E-09	2.60E-08	1.46E-07
3557	472363.09	3850377.25	2.34E-04	2.29E-04	2.26E-04	8.11E-08	2.45E-07	1.42E-07	1.38E-07	1.25E-07	5.72E-08	5.65E-08	2.71E-09	6.55E-08	1.44E-08	1.88E-08	2.98E-08	5.25E-09	2.96E-08	1.66E-07
3558	472863.09	3850377.25	2.72E-04	2.65E-04	2.62E-04	9.41E-08	2.84E-07	1.64E-07	1.60E-07	1.45E-07	6.64E-08	6.55E-08	3.14E-09	7.59E-08	1.67E-08	2.18E-08	3.46E-08	6.09E-09	3.44E-08	1.93E-07
3559	473363.09	3850377.25	2.97E-04	2.90E-04	2.86E-04	1.03E-07	3.10E-07	1.80E-07	1.75E-07	1.59E-07	7.25E-08	7.16E-08	3.43E-09	8.29E-08	1.83E-08	2.38E-08	3.78E-08	6.66E-09	3.76E-08	2.10E-07
3560	473863.09	3850377.25	3.28E-04	3.20E-04	3.16E-04	1.14E-07	3.43E-07	1.99E-07	1.94E-07	1.76E-07	8.01E-08	7.91E-08	3.79E-09	9.16E-08	2.02E-08	2.63E-08	4.17E-08	7.36E-09	4.15E-08	2.33E-07
3561	474363.09	3850377.25	3.63E-04	3.54E-04	3.50E-04	1.26E-07	3.79E-07	2.20E-07	2.14E-07	1.94E-07	8.87E-08	8.75E-08	4.20E-09	1.01E-07	2.24E-08	2.91E-08	4.62E-08	8.14E-09	4.59E-08	2.57E-07
3562	474863.09	3850377.25	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.44E-07	2.38E-07	2.16E-07	9.86E-08	9.73E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.13E-08	9.05E-09	5.11E-08	2.86E-07
3563	475363.09	3850377.25	4.51E-04	4.40E-04	4.35E-04	1.56E-07	4.72E-07	2.73E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.71E-08	3.20E-07
3564	475863.09	3850377.25	5.20E-04	5.08E-04	5.01E-04	1.80E-07	5.44E-07	3.15E-07	3.07E-07	2.78E-07	1.27E-07	1.25E-07	6.01E-09	1.45E-07	3.21E-08	4.17E-08	6.62E-08	1.17E-08	6.58E-08	3.69E-07
3565	476363.09	3850377.25	6.05E-04	5.90E-04	5.82E-04	2.09E-07	6.32E-07	3.66E-07	3.57E-07	3.24E-07	1.48E-07	1.46E-07	6.99E-09	1.69E-07	3.73E-08	4.85E-08	7.69E-08	1.36E-08	7.65E-08	4.29E-07
3566	476863.09	3850377.25	7.29E-04	7.12E-04	7.02E-04	2.52E-07	7.62E-07	4.41E-07	4.31E-07	3.90E-07	1.78E-07	1.76E-07	8.43E-09	2.04E-07	4.49E-08	5.85E-08	9.28E-08	1.63E-08	9.22E-08	5.17E-07
3567	477363.09	3850377.25	9.41E-04	9.18E-04	9.06E-04	3.26E-07	9.83E-07	5.69E-07	5.56E-07	5.04E-07	2.30E-07	2.27E-07	1.09E-08	2.63E-07	5.80E-08	7.54E-08	1.20E-07	2.11E-08	1.19E-07	6.67E-07
3568	477863.09	3850377.25	1.41E-03	1.37E-03	1.36E-03	4.88E-07	1.47E-06	8.52E-07	8.32E-07	7.54E-07	3.44E-07	3.40E-07	1.63E-08	3.93E-07	8.68E-08	1.13E-07	1.79E-07	3.16E-08	1.78E-07	9.98E-07

3569	478363.09	3850377.25	3.33E-03	3.25E-03	3.20E-03	1.15E-06	3.48E-06	2.01E-06	1.97E-06	1.78E-06	8.13E-07	8.02E-07	3.85E-08	9.29E-07	2.05E-07	2.67E-07	4.23E-07	7.46E-08	4.21E-07	2.36E-06
3570	478863.09	3850377.25	1.91E-02	1.86E-02	1.84E-02	6.61E-06	2.00E-05	1.16E-05	1.13E-05	1.02E-05	4.66E-06	4.60E-06	2.21E-07	5.33E-06	1.18E-06	1.53E-06	2.43E-06	4.28E-07	2.41E-06	1.35E-05
3571	479363.09	3850377.25	4.86E-03	4.74E-03	4.68E-03	1.68E-06	5.08E-06	2.94E-06	2.87E-06	2.60E-06	1.19E-06	1.17E-06	5.62E-08	1.36E-06	3.00E-07	3.90E-07	6.18E-07	1.09E-07	6.15E-07	3.44E-06
3572	479863.09	3850377.25	2.69E-03	2.63E-03	2.59E-03	9.33E-07	2.82E-06	1.63E-06	1.59E-06	1.44E-06	6.58E-07	6.49E-07	3.11E-08	7.52E-07	1.66E-07	2.16E-07	3.43E-07	6.04E-08	3.41E-07	1.91E-06
3573	480363.09	3850377.25	1.86E-03	1.82E-03	1.79E-03	6.44E-07	1.94E-06	1.13E-06	1.10E-06	9.96E-07	4.54E-07	4.48E-07	2.15E-08	5.19E-07	1.15E-07	1.49E-07	2.37E-07	4.17E-08	2.35E-07	1.32E-06
3574	480863.09	3850377.25	1.48E-03	1.44E-03	1.42E-03	5.12E-07	1.55E-06	8.94E-07	8.73E-07	7.91E-07	3.61E-07	3.56E-07	1.71E-08	4.13E-07	9.11E-08	1.18E-07	1.88E-07	3.31E-08	1.87E-07	1.05E-06
3575	481363.09	3850377.25	1.02E-03	1.00E-03	9.86E-04	3.55E-07	1.07E-06	6.20E-07	6.05E-07	5.48E-07	2.50E-07	2.47E-07	1.18E-08	2.86E-07	6.31E-08	8.21E-08	1.30E-07	2.30E-08	1.30E-07	7.26E-07
3576	481863.09	3850377.25	8.77E-04	8.56E-04	8.44E-04	3.04E-07	9.17E-07	5.31E-07	5.18E-07	4.69E-07	2.14E-07	2.11E-07	1.01E-08	2.45E-07	5.40E-08	7.03E-08	1.12E-07	1.97E-08	1.11E-07	6.21E-07
3577	482363.09	3850377.25	7.56E-04	7.38E-04	7.28E-04	2.62E-07	7.91E-07	4.58E-07	4.47E-07	4.05E-07	1.85E-07	1.82E-07	8.74E-09	2.11E-07	4.66E-08	6.06E-08	9.62E-08	1.70E-08	9.57E-08	5.36E-07
3578	482863.09	3850377.25	6.02E-04	5.88E-04	5.80E-04	2.09E-07	6.30E-07	3.64E-07	3.56E-07	3.22E-07	1.47E-07	1.45E-07	6.96E-09	1.68E-07	3.71E-08	4.83E-08	7.66E-08	1.35E-08	7.62E-08	4.27E-07
3579	483363.09	3850377.25	5.15E-04	5.02E-04	4.96E-04	1.78E-07	5.38E-07	3.12E-07	3.04E-07	2.76E-07	1.26E-07	1.24E-07	5.95E-09	1.44E-07	3.17E-08	4.13E-08	6.55E-08	1.15E-08	6.51E-08	3.65E-07
3580	483863.09	3850377.25	5.02E-04	4.90E-04	4.83E-04	1.74E-07	5.25E-07	3.04E-07	2.96E-07	2.69E-07	1.23E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.02E-08	6.38E-08	1.13E-08	6.35E-08	3.56E-07
3581	484363.09	3850377.25	5.08E-04	4.96E-04	4.89E-04	1.76E-07	5.31E-07	3.08E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.46E-08	1.14E-08	6.43E-08	3.60E-07
3582	484863.09	3850377.25	5.14E-04	5.01E-04	4.95E-04	1.78E-07	5.37E-07	3.11E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.94E-09	1.43E-07	3.16E-08	4.12E-08	6.53E-08	1.15E-08	6.50E-08	3.64E-07
3583	485363.09	3850377.25	4.85E-04	4.73E-04	4.67E-04	1.68E-07	5.07E-07	2.93E-07	2.86E-07	2.60E-07	1.18E-07	1.17E-07	5.61E-09	1.35E-07	2.99E-08	3.89E-08	6.17E-08	1.09E-08	6.13E-08	3.44E-07
3584	485863.09	3850377.25	4.45E-04	4.34E-04	4.29E-04	1.54E-07	4.65E-07	2.69E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.15E-09	1.24E-07	2.74E-08	3.57E-08	5.66E-08	9.98E-09	5.63E-08	3.15E-07
3585	486363.09	3850377.25	4.23E-04	4.13E-04	4.07E-04	1.46E-07	4.42E-07	2.56E-07	2.50E-07	2.26E-07	1.03E-07	1.02E-07	4.89E-09	1.18E-07	2.61E-08	3.39E-08	5.38E-08	9.48E-09	5.35E-08	3.00E-07
3586	486863.09	3850377.25	4.03E-04	3.94E-04	3.88E-04	1.40E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.85E-08	9.72E-08	4.66E-09	1.13E-07	2.48E-08	3.23E-08	5.13E-08	9.04E-09	5.10E-08	2.86E-07
3587	487363.09	3850377.25	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.25E-08	9.13E-08	4.38E-09	1.06E-07	2.33E-08	3.04E-08	4.82E-08	8.49E-09	4.79E-08	2.68E-07
3588	487863.09	3850377.25	3.63E-04	3.54E-04	3.49E-04	1.26E-07	3.79E-07	2.19E-07	2.14E-07	1.94E-07	8.86E-08	8.74E-08	4.19E-09	1.01E-07	2.23E-08	2.91E-08	4.61E-08	8.13E-09	4.59E-08	2.57E-07
3589	488363.09	3850377.25	3.46E-04	3.38E-04	3.33E-04	1.20E-07	3.62E-07	2.09E-07	2.04E-07	1.85E-07	8.45E-08	8.34E-08	4.00E-09	9.66E-08	2.13E-08	2.77E-08	4.40E-08	7.75E-09	4.38E-08	2.45E-07
3590	488863.09	3850377.25	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.11E-08	8.00E-08	3.84E-09	9.27E-08	2.04E-08	2.66E-08	4.22E-08	7.44E-09	4.20E-08	2.35E-07
3591	489363.09	3850377.25	3.17E-04	3.09E-04	3.05E-04	1.10E-07	3.31E-07	1.92E-07	1.87E-07	1.70E-07	7.74E-08	7.64E-08	3.66E-09	8.85E-08	1.95E-08	2.54E-08	4.03E-08	7.10E-09	4.01E-08	2.25E-07
3592	489863.09	3850377.25	2.99E-04	2.92E-04	2.88E-04	1.04E-07	3.13E-07	1.81E-07	1.77E-07	1.60E-07	7.31E-08	7.21E-08	3.46E-09	8.35E-08	1.84E-08	2.40E-08	3.80E-08	6.70E-09	3.78E-08	2.12E-07
3593	490363.09	3850377.25	2.84E-04	2.77E-04	2.73E-04	9.82E-08	2.97E-07	1.72E-07	1.68E-07	1.52E-07	6.93E-08	6.84E-08	3.28E-09	7.92E-08	1.75E-08	2.27E-08	3.61E-08	6.36E-09	3.59E-08	2.01E-07
3594	490863.09	3850377.25	2.71E-04	2.64E-04	2.61E-04	9.38E-08	2.83E-07	1.64E-07	1.60E-07	1.45E-07	6.62E-08	6.53E-08	3.13E-09	7.56E-08	1.67E-08	2.17E-08	3.45E-08	6.07E-09	3.43E-08	1.92E-07
3595	491363.09	3850377.25	2.58E-04	2.51E-04	2.48E-04	8.92E-08	2.69E-07	1.56E-07	1.52E-07	1.38E-07	6.29E-08	6.21E-08	2.98E-09	7.19E-08	1.59E-08	2.07E-08	3.28E-08	5.77E-09	3.26E-08	1.83E-07
3596	491863.09	3850377.25	2.40E-04	2.34E-04	2.31E-04	8.32E-08	2.51E-07	1.45E-07	1.42E-07	1.29E-07	5.87E-08	5.79E-08	2.78E-09	6.71E-08	1.48E-08	1.93E-08	3.05E-08	5.38E-09	3.04E-08	1.70E-07
3597	492363.09	3850377.25	2.24E-04	2.18E-04	2.15E-04	7.74E-08	2.34E-07	1.35E-07	1.32E-07	1.20E-07	5.46E-08	5.39E-08	2.58E-09	6.24E-08	1.38E-08	1.79E-08	2.84E-08	5.01E-09	2.83E-08	1.58E-07
3598	492863.09	3850377.25	2.12E-04	2.07E-04	2.05E-04	7.35E-08	2.22E-07	1.29E-07	1.25E-07	1.14E-07	5.19E-08	5.12E-08	2.46E-09	5.93E-08	1.31E-08	1.70E-08	2.70E-08	4.76E-09	2.69E-08	1.51E-07
3599	493363.09	3850377.25	1.99E-04	1.94E-04	1.92E-04	6.89E-08	2.08E-07	1.20E-07	1.18E-07	1.07E-07	4.86E-08	4.80E-08	2.30E-09	5.56E-08	1.23E-08	1.60E-08	2.53E-08	4.46E-09	2.52E-08	1.41E-07
3600	493863.09	3850377.25	2.02E-04	1.97E-04	1.94E-04	6.98E-08	2.11E-07	1.22E-07	1.19E-07	1.08E-07	4.92E-08	4.86E-08	2.33E-09	5.63E-08	1.24E-08	1.62E-08	2.56E-08	4.52E-09	2.55E-08	1.43E-07
3601	494363.09	3850377.25	2.01E-04	1.96E-04	1.94E-04	6.97E-08	2.10E-07	1.22E-07	1.19E-07	1.08E-07	4.91E-08	4.85E-08	2.33E-09	5.62E-08	1.24E-08	1.61E-08	2.56E-08	4.51E-09	2.54E-08	1.43E-07
3602	494863.09	3850377.25	2.06E-04	2.01E-04	1.99E-04	7.14E-08	2.16E-07	1.25E-07	1.22E-07	1.10E-07	5.04E-08	4.97E-08	2.38E-09	5.76E-08	1.27E-08	1.65E-08	2.62E-08	4.62E-09	2.61E-08	1.46E-07
3603	495363.09	3850377.25	2.12E-04	2.07E-04	2.04E-04	7.34E-08	2.22E-07	1.28E-07	1.25E-07	1.13E-07	5.18E-08	5.11E-08	2.45E-09	5.92E-08	1.31E-08	1.70E-08	2.70E-08	4.75E-09	2.68E-08	1.50E-07
3604	495863.09	3850377.25	2.02E-04	1.98E-04	1.95E-04	7.01E-08	2.12E-07	1.23E-07	1.20E-07	1.08E-07	4.94E-08	4.88E-08	2.34E-09	5.65E-08	1.25E-08	1.62E-08	2.57E-08	4.54E-09	2.56E-08	1.43E-07
3605	496363.09	3850377.25	2.08E-04	2.03E-04	2.00E-04	7.20E-08	2.17E-07	1.26E-07	1.23E-07	1.11E-07	5.08E-08	5.01E-08	2.40E-09	5.80E-08	1.28E-08	1.67E-08	2.64E-08	4.66E-09	2.63E-08	1.47E-07
3606	496863.09	3850377.25	2.12E-04	2.07E-04	2.05E-04	7.35E-08	2.22E-07	1.29E-07	1.25E-07	1.14E-07	5.19E-08	5.12E-08	2.46E-09	5.93E-08	1.31E-08	1.70E-08	2.70E-08	4.76E-09	2.69E-08	1.51E-07
3607	497363.09	3850377.25	2.12E-04	2.06E-04	2.04E-04	7.32E-08	2.21E-07	1.28E-07	1.25E-07	1.13E-07	5.17E-08	5.10E-08	2.45E-09	5.91E-08	1.30E-08	1.70E-08	2.69E-08	4.74E-09	2.68E-08	1.50E-07
3608	497863.09	3850377.25	2.07E-04	2.02E-04	1.99E-04	7.15E-08	2.16E-07	1.25E-07	1.22E-07	1.11E-07	5.05E-08	4.98E-08	2.39E-09	5.77E-08	1.27E-08	1.66E-08	2.63E-08	4.63E-09	2.61E-08	1.46E-07
3609	498363.09	3850377.25	2.02E-04	1.97E-04	1.95E-04	6.99E-08	2.11E-07	1.22E-07	1.19E-07	1.08E-07	4.93E-08	4.87E-08	2.34E-09	5.64E-08	1.24E-08	1.62E-08	2.57E-08	4.53E-09	2.56E-08	1.43E-07
3610	471363.09	3850877.25	1.66E-04	1.62E-04	1.60E-04	5.76E-08	1.74E-07	1.01E-07	9.82E-08	8.90E-08	4.06E-08	4.01E-08	1.92E-09	4.65E-08	1.03E-08	1.33E-08	2.12E-08	3.73E-09	2.10E-08	1.18E-07
3611	471863.09	3850877.25	1.85E-04	1.81E-04	1.78E-04	6.41E-08	1.93E-07	1.12E-07	1.09E-07	9.90E-08	4.52E-08	4.46E-08	2.14E-09	5.17E-08	1.14E-08	1.48E-08	2.35E-08	4.15E-09	2.34E-08	1.31E-07
3612	472363.09	3850877.25	2.11E-04	2.06E-04	2.03E-04	7.30E-08	2.20E-07	1.28E-07	1.24E-07	1.13E-07	5.15E-08	5.08E-08	2.44E-09	5.88E-08	1.30E-08	1.69E-08	2.68E-08	4.72E-09	2.67E-08	1.49E-07
3613	472863.09	3850877.25	2.37E-04	2.32E-04	2.28E-04	8.21E-08	2.48E-07	1.44E-07	1.40E-07	1.27E-07	5.80E-08	5.72E-08	2.74E-09	6.63E-08	1.46E-08	1.90E-08	3.02E-08	5.32E-09	3.00E-08	1.68E-07
3614	473363.09	3850877.25	2.44E-04	2.38E-04	2.34E-04	8.43E-08	2.55E-07	1.47E-07	1.44E-07	1.30E-07	5.95E-08	5.87E-08	2.82E-09	6.80E-08	1.50E-08	1.95E-08	3.10E-08	5.46E-09	3.08E-08	1.73E-07
3615	473863.09	3850877.25	2.77E-04	2.70E-04	2.66E-04	9.58E-08	2.89E-07	1.67E-07	1.63E-07	1.48E-07	6.76E-08	6.67E-08	3.20E-09	7.73E-08	1.70E-08	2.22E-08	3.52E-08	6.20E-09	3.50E-08	1.96E-07
3616	474363.09	3850877.25	3.05E-04	2.98E-04	2.94E-04	1.06E-07	3.19E-07	1.85E-07	1.80E-07	1.63E-07	7.45E-08	7.35E-08	3.52E-09	8.51E-08	1.88E-08	2.44E-08	3.88E-08	6.83E-09	3.86E-08	2.16E-07
3617	474863.09	3850877.25	3.33E-04	3.25E-04	3.21E-04	1.15E-07	3.48E-07	2.02E-07	1.97E-07	1.78E-07	8.14E-08	8.03E-08	3.85E-09	9.30E-08	2.05E-08	2.67E-08	4.24E-08	7.47E-09	4.21E-08	2.36E-07
3618	475363.09	3850877.25	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
3619	475863.09	3850877.25	4.02E-04	3.92E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.37E-07	2.15E-07	9.82E-08	9.69E-08	4.65E-09	1.12E-07	2.48E-08	3.22E-08	5.11E-08	9.01E-09	5.08E-08	2.85E-07
3620	476363.09	3850877.25	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.70E-08	3.20E-07
3621	476863.09	3850877.25	5.06E-04	4.94E-04	4.87E-04	1.75E-07	5.29E-07	3.06E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.06E-08	6.44E-08	1.13E-08	6.40E-08	3.59E-07
3622	477363.09	3850877.25	5.85E-04	5.71E-04	5.64E-04	2.03E-07	6.12E-07	3.54E-07	3.46E-07	3.13E-07	1.43E-07	1.41E-07	6.77E-09	1.63E-07	3.61E-08	4.69E-08	7.44E-08	1.31E-08	7.40E-08	4.15E-07
3623	477863.09	3850877.25	7.06E-04	6.89E-04	6.79E-04	2.44E-07	7.38E-07	4.27E-07	4.17E-07	3.78E-07	1.72E-07	1.70E-07	8.16E-09	1.97E-07	4.35E-08	5.66E-08	8.97E-08	1.58E-08	8.93E-08	5.00E-07

3624	478363.09	3850877.25	9.23E-04	9.01E-04	8.89E-04	3.20E-07	9.65E-07	5.59E-07	5.45E-07	4.94E-07	2.25E-07	2.22E-07	1.07E-08	2.58E-07	5.69E-08	7.40E-08	1.17E-07	2.07E-08	1.17E-07	6.54E-07
3625	478863.09	3850877.25	1.36E-03	1.33E-03	1.31E-03	4.70E-07	1.42E-06	8.22E-07	8.02E-07	7.27E-07	3.32E-07	3.27E-07	1.57E-08	3.79E-07	8.37E-08	1.09E-07	1.73E-07	3.04E-08	1.72E-07	9.63E-07
3626	479363.09	3850877.25	3.01E-03	2.93E-03	2.89E-03	1.04E-06	3.14E-06	1.82E-06	1.77E-06	1.61E-06	7.34E-07	7.24E-07	3.48E-08	8.39E-07	1.85E-07	2.41E-07	3.82E-07	6.74E-08	3.80E-07	2.13E-06
3627	479863.09	3850877.25	2.27E-02	2.21E-02	2.18E-02	7.85E-06	2.37E-05	1.37E-05	1.34E-05	1.21E-05	5.54E-06	5.47E-06	2.62E-07	6.33E-06	1.40E-06	1.82E-06	2.88E-06	5.08E-07	2.87E-06	1.61E-05
3628	480363.09	3850877.25	4.99E-03	4.87E-03	4.80E-03	1.73E-06	5.21E-06	3.02E-06	2.94E-06	2.67E-06	1.22E-06	1.20E-06	5.76E-08	1.39E-06	3.07E-07	4.00E-07	6.34E-07	1.12E-07	6.31E-07	3.53E-06
3629	480863.09	3850877.25	2.74E-03	2.67E-03	2.64E-03	9.49E-07	2.87E-06	1.66E-06	1.62E-06	1.47E-06	6.69E-07	6.61E-07	3.17E-08	7.65E-07	1.69E-07	2.20E-07	3.49E-07	6.14E-08	3.47E-07	1.94E-06
3630	481363.09	3850877.25	1.86E-03	1.82E-03	1.79E-03	6.45E-07	1.95E-06	1.13E-06	1.10E-06	9.97E-07	4.55E-07	4.49E-07	2.15E-08	5.20E-07	1.15E-07	1.49E-07	2.37E-07	4.18E-08	2.36E-07	1.32E-06
3631	481863.09	3850877.25	1.34E-03	1.31E-03	1.29E-03	4.64E-07	1.40E-06	8.11E-07	7.91E-07	7.17E-07	3.27E-07	3.23E-07	1.55E-08	3.74E-07	8.26E-08	1.07E-07	1.70E-07	3.00E-08	1.70E-07	9.50E-07
3632	482363.09	3850877.25	9.88E-04	9.64E-04	9.51E-04	3.42E-07	1.03E-06	5.98E-07	5.83E-07	5.29E-07	2.41E-07	2.38E-07	1.14E-08	2.76E-07	6.09E-08	7.92E-08	1.26E-07	2.21E-08	1.25E-07	7.00E-07
3633	482863.09	3850877.25	7.99E-04	7.79E-04	7.69E-04	2.76E-07	8.35E-07	4.83E-07	4.72E-07	4.27E-07	1.95E-07	1.92E-07	9.23E-09	2.23E-07	4.92E-08	6.40E-08	1.02E-07	1.79E-08	1.01E-07	5.66E-07
3634	483363.09	3850877.25	6.55E-04	6.39E-04	6.31E-04	2.27E-07	6.85E-07	3.96E-07	3.87E-07	3.51E-07	1.60E-07	1.58E-07	7.57E-09	1.83E-07	4.04E-08	5.25E-08	8.33E-08	1.47E-08	8.28E-08	4.64E-07
3635	483863.09	3850877.25	5.97E-04	5.82E-04	5.74E-04	2.07E-07	6.24E-07	3.61E-07	3.52E-07	3.19E-07	1.46E-07	1.44E-07	6.90E-09	1.67E-07	3.68E-08	4.78E-08	7.59E-08	1.34E-08	7.55E-08	4.23E-07
3636	484363.09	3850877.25	5.87E-04	5.72E-04	5.65E-04	2.03E-07	6.13E-07	3.55E-07	3.46E-07	3.14E-07	1.43E-07	1.41E-07	6.78E-09	1.64E-07	3.61E-08	4.70E-08	7.46E-08	1.31E-08	7.42E-08	4.16E-07
3637	484863.09	3850877.25	5.48E-04	5.35E-04	5.28E-04	1.90E-07	5.73E-07	3.32E-07	3.24E-07	2.94E-07	1.34E-07	1.32E-07	6.34E-09	1.53E-07	3.38E-08	4.40E-08	6.97E-08	1.23E-08	6.94E-08	3.89E-07
3638	485363.09	3850877.25	5.23E-04	5.10E-04	5.03E-04	1.81E-07	5.46E-07	3.16E-07	3.09E-07	2.80E-07	1.28E-07	1.26E-07	6.04E-09	1.46E-07	3.22E-08	4.19E-08	6.65E-08	1.17E-08	6.61E-08	3.70E-07
3639	485863.09	3850877.25	4.71E-04	4.60E-04	4.54E-04	1.63E-07	4.93E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.14E-07	5.45E-09	1.32E-07	2.90E-08	3.78E-08	5.99E-08	1.06E-08	5.96E-08	3.34E-07
3640	486363.09	3850877.25	4.54E-04	4.43E-04	4.37E-04	1.57E-07	4.75E-07	2.75E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.25E-09	1.27E-07	2.80E-08	3.64E-08	5.78E-08	1.02E-08	5.75E-08	3.22E-07
3641	486863.09	3850877.25	4.29E-04	4.19E-04	4.13E-04	1.48E-07	4.48E-07	2.60E-07	2.53E-07	2.30E-07	1.05E-07	1.03E-07	4.96E-09	1.20E-07	2.64E-08	3.44E-08	5.46E-08	9.61E-09	5.43E-08	3.04E-07
3642	487363.09	3850877.25	4.01E-04	3.91E-04	3.86E-04	1.39E-07	4.19E-07	2.42E-07	2.37E-07	2.15E-07	9.79E-08	9.66E-08	4.63E-09	1.12E-07	2.47E-08	3.21E-08	5.10E-08	8.98E-09	5.07E-08	2.84E-07
3643	487863.09	3850877.25	3.81E-04	3.72E-04	3.67E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.30E-08	9.18E-08	4.40E-09	1.06E-07	2.35E-08	3.05E-08	4.84E-08	8.54E-09	4.82E-08	2.70E-07
3644	488363.09	3850877.25	3.64E-04	3.55E-04	3.50E-04	1.26E-07	3.80E-07	2.20E-07	2.15E-07	1.95E-07	8.89E-08	8.77E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.15E-09	4.60E-08	2.58E-07
3645	488863.09	3850877.25	3.46E-04	3.38E-04	3.33E-04	1.20E-07	3.62E-07	2.09E-07	2.04E-07	1.85E-07	8.45E-08	8.34E-08	4.00E-09	9.66E-08	2.13E-08	2.77E-08	4.40E-08	7.75E-09	4.38E-08	2.45E-07
3646	489363.09	3850877.25	3.31E-04	3.23E-04	3.19E-04	1.15E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.09E-08	7.98E-08	3.83E-09	9.24E-08	2.04E-08	2.65E-08	4.21E-08	7.42E-09	4.19E-08	2.35E-07
3647	489863.09	3850877.25	3.14E-04	3.06E-04	3.02E-04	1.09E-07	3.28E-07	1.90E-07	1.85E-07	1.68E-07	7.67E-08	7.57E-08	3.63E-09	8.77E-08	1.94E-08	2.52E-08	3.99E-08	7.04E-09	3.97E-08	2.23E-07
3648	490363.09	3850877.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.82E-07	1.77E-07	1.61E-07	7.34E-08	7.24E-08	3.47E-09	8.39E-08	1.85E-08	2.41E-08	3.82E-08	6.73E-09	3.80E-08	2.13E-07
3649	490863.09	3850877.25	2.87E-04	2.80E-04	2.76E-04	9.92E-08	3.00E-07	1.73E-07	1.69E-07	1.53E-07	7.00E-08	6.91E-08	3.31E-09	8.00E-08	1.77E-08	2.30E-08	3.65E-08	6.43E-09	3.63E-08	2.03E-07
3650	491363.09	3850877.25	2.71E-04	2.64E-04	2.60E-04	9.36E-08	2.83E-07	1.64E-07	1.60E-07	1.45E-07	6.61E-08	6.52E-08	3.13E-09	7.55E-08	1.67E-08	2.17E-08	3.44E-08	6.06E-09	3.42E-08	1.92E-07
3651	491863.09	3850877.25	2.54E-04	2.48E-04	2.44E-04	8.79E-08	2.65E-07	1.54E-07	1.50E-07	1.36E-07	6.20E-08	6.12E-08	2.93E-09	7.09E-08	1.56E-08	2.04E-08	3.23E-08	5.69E-09	3.21E-08	1.80E-07
3652	492363.09	3850877.25	2.39E-04	2.33E-04	2.30E-04	8.27E-08	2.50E-07	1.45E-07	1.41E-07	1.28E-07	5.84E-08	5.76E-08	2.76E-09	6.67E-08	1.47E-08	1.92E-08	3.04E-08	5.36E-09	3.02E-08	1.69E-07
3653	492863.09	3850877.25	2.28E-04	2.22E-04	2.19E-04	7.88E-08	2.38E-07	1.38E-07	1.34E-07	1.22E-07	5.56E-08	5.49E-08	2.63E-09	6.36E-08	1.40E-08	1.83E-08	2.90E-08	5.10E-09	2.88E-08	1.61E-07
3654	493363.09	3850877.25	2.20E-04	2.15E-04	2.12E-04	7.63E-08	2.30E-07	1.33E-07	1.30E-07	1.18E-07	5.38E-08	5.31E-08	2.55E-09	6.15E-08	1.36E-08	1.77E-08	2.80E-08	4.94E-09	2.79E-08	1.56E-07
3655	493863.09	3850877.25	2.22E-04	2.17E-04	2.14E-04	7.70E-08	2.32E-07	1.35E-07	1.31E-07	1.19E-07	5.43E-08	5.36E-08	2.57E-09	6.21E-08	1.37E-08	1.78E-08	2.83E-08	4.98E-09	2.81E-08	1.58E-07
3656	494363.09	3850877.25	2.19E-04	2.14E-04	2.11E-04	7.58E-08	2.29E-07	1.33E-07	1.29E-07	1.17E-07	5.35E-08	5.28E-08	2.53E-09	6.12E-08	1.35E-08	1.76E-08	2.79E-08	4.91E-09	2.77E-08	1.55E-07
3657	494863.09	3850877.25	2.22E-04	2.17E-04	2.14E-04	7.68E-08	2.32E-07	1.34E-07	1.31E-07	1.19E-07	5.42E-08	5.35E-08	2.57E-09	6.20E-08	1.37E-08	1.78E-08	2.82E-08	4.97E-09	2.81E-08	1.57E-07
3658	495363.09	3850877.25	2.26E-04	2.21E-04	2.18E-04	7.83E-08	2.36E-07	1.37E-07	1.34E-07	1.21E-07	5.52E-08	5.45E-08	2.61E-09	6.31E-08	1.39E-08	1.81E-08	2.88E-08	5.07E-09	2.86E-08	1.60E-07
3659	495863.09	3850877.25	2.22E-04	2.17E-04	2.14E-04	7.68E-08	2.32E-07	1.34E-07	1.31E-07	1.19E-07	5.42E-08	5.35E-08	2.57E-09	6.20E-08	1.37E-08	1.78E-08	2.82E-08	4.97E-09	2.81E-08	1.57E-07
3660	496363.09	3850877.25	2.21E-04	2.16E-04	2.13E-04	7.65E-08	2.31E-07	1.34E-07	1.31E-07	1.18E-07	5.40E-08	5.33E-08	2.56E-09	6.17E-08	1.36E-08	1.77E-08	2.81E-08	4.96E-09	2.80E-08	1.57E-07
3661	496863.09	3850877.25	2.24E-04	2.19E-04	2.16E-04	7.76E-08	2.34E-07	1.36E-07	1.32E-07	1.20E-07	5.47E-08	5.40E-08	2.59E-09	6.26E-08	1.38E-08	1.80E-08	2.85E-08	5.02E-09	2.83E-08	1.59E-07
3662	497363.09	3850877.25	2.19E-04	2.14E-04	2.11E-04	7.60E-08	2.29E-07	1.33E-07	1.30E-07	1.17E-07	5.36E-08	5.29E-08	2.54E-09	6.13E-08	1.35E-08	1.76E-08	2.79E-08	4.92E-09	2.78E-08	1.56E-07
3663	497863.09	3850877.25	2.13E-04	2.08E-04	2.05E-04	7.38E-08	2.23E-07	1.29E-07	1.26E-07	1.14E-07	5.21E-08	5.14E-08	2.47E-09	5.95E-08	1.31E-08	1.71E-08	2.71E-08	4.78E-09	2.70E-08	1.51E-07
3664	498363.09	3850877.25	2.07E-04	2.02E-04	1.99E-04	7.17E-08	2.16E-07	1.25E-07	1.22E-07	1.11E-07	5.06E-08	4.99E-08	2.39E-09	5.78E-08	1.28E-08	1.66E-08	2.63E-08	4.64E-09	2.62E-08	1.47E-07
3665	471363.09	3851377.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
3666	471863.09	3851377.25	1.88E-04	1.83E-04	1.81E-04	6.51E-08	1.96E-07	1.14E-07	1.11E-07	1.01E-07	4.59E-08	4.53E-08	2.17E-09	5.25E-08	1.16E-08	1.51E-08	2.39E-08	4.21E-09	2.38E-08	1.33E-07
3667	472363.09	3851377.25	1.94E-04	1.89E-04	1.87E-04	6.72E-08	2.03E-07	1.17E-07	1.15E-07	1.04E-07	4.74E-08	4.68E-08	2.24E-09	5.42E-08	1.20E-08	1.56E-08	2.47E-08	4.35E-09	2.46E-08	1.38E-07
3668	472863.09	3851377.25	2.02E-04	1.98E-04	1.95E-04	7.01E-08	2.12E-07	1.23E-07	1.20E-07	1.08E-07	4.94E-08	4.88E-08	2.34E-09	5.65E-08	1.25E-08	1.62E-08	2.57E-08	4.54E-09	2.56E-08	1.43E-07
3669	473363.09	3851377.25	1.95E-04	1.90E-04	1.88E-04	6.75E-08	2.04E-07	1.18E-07	1.15E-07	1.04E-07	4.76E-08	4.70E-08	2.25E-09	5.44E-08	1.20E-08	1.56E-08	2.48E-08	4.37E-09	2.47E-08	1.38E-07
3670	473863.09	3851377.25	2.09E-04	2.04E-04	2.01E-04	7.22E-08	2.18E-07	1.26E-07	1.23E-07	1.12E-07	5.10E-08	5.03E-08	2.41E-09	5.83E-08	1.29E-08	1.67E-08	2.65E-08	4.68E-09	2.64E-08	1.48E-07
3671	474363.09	3851377.25	2.49E-04	2.43E-04	2.39E-04	8.60E-08	2.60E-07	1.50E-07	1.47E-07	1.33E-07	6.07E-08	5.99E-08	2.87E-09	6.94E-08	1.53E-08	1.99E-08	3.16E-08	5.57E-09	3.14E-08	1.76E-07
3672	474863.09	3851377.25	2.83E-04	2.77E-04	2.73E-04	9.81E-08	2.96E-07	1.71E-07	1.67E-07	1.52E-07	6.92E-08	6.83E-08	3.28E-09	7.91E-08	1.75E-08	2.27E-08	3.60E-08	6.35E-09	3.58E-08	2.01E-07
3673	475363.09	3851377.25	3.11E-04	3.03E-04	2.99E-04	1.08E-07	3.25E-07	1.88E-07	1.83E-07	1.66E-07	7.59E-08	7.49E-08	3.59E-09	8.68E-08	1.91E-08	2.49E-08	3.95E-08	6.96E-09	3.93E-08	2.20E-07
3674	475863.09	3851377.25	3.37E-04	3.29E-04	3.24E-04	1.17E-07	3.52E-07	2.04E-07	1.99E-07	1.80E-07	8.23E-08	8.12E-08	3.89E-09	9.41E-08	2.08E-08	2.70E-08	4.28E-08	7.55E-09	4.26E-08	2.39E-07
3675	476363.09	3851377.25	3.69E-04	3.60E-04	3.55E-04	1.28E-07	3.85E-07	2.23E-07	2.18E-07	1.97E-07	9.01E-08	8.89E-08	4.26E-09	1.03E-07	2.27E-08	2.96E-08	4.69E-08	8.27E-09	4.66E-08	2.61E-07
3676	476863.09	3851377.25	4.05E-04	3.95E-04	3.89E-04	1.40E-07	4.23E-07	2.45E-07	2.39E-07	2.17E-07	9.88E-08	9.75E-08	4.68E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.07E-09	5.12E-08	2.87E-07
3677	477363.09	3851377.25	4.45E-04	4.34E-04	4.29E-04	1.54E-07	4.65E-07	2.69E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.15E-09	1.24E-07	2.74E-08	3.57E-08	5.66E-08	9.98E-09	5.63E-08	3.15E-07
3678	477863.09	3851377.25	5.03E-04	4.91E-04	4.85E-04	1.74E-07	5.26E-07	3.04E-07	2.97E-07	2.69E-07	1.23E-07	1.21E-07	5.82E-09	1.41E-07	3.10E-08	4.03E-08	6.40E-08	1.13E-08	6.36E-08	3.57E-07

3679	478363.09	3851377.25	5.83E-04	5.69E-04	5.62E-04	2.02E-07	6.10E-07	3.53E-07	3.44E-07	3.12E-07	1.42E-07	1.41E-07	6.74E-09	1.63E-07	3.59E-08	4.68E-08	7.42E-08	1.31E-08	7.38E-08	4.13E-07
3680	478863.09	3851377.25	7.05E-04	6.88E-04	6.79E-04	2.44E-07	7.37E-07	4.27E-07	4.16E-07	3.77E-07	1.72E-07	1.70E-07	8.15E-09	1.97E-07	4.35E-08	5.65E-08	8.97E-08	1.58E-08	8.92E-08	5.00E-07
3681	479363.09	3851377.25	9.11E-04	8.89E-04	8.77E-04	3.15E-07	9.52E-07	5.51E-07	5.38E-07	4.87E-07	2.22E-07	2.19E-07	1.05E-08	2.54E-07	5.61E-08	7.30E-08	1.16E-07	2.04E-08	1.15E-07	6.45E-07
3682	479863.09	3851377.25	1.34E-03	1.30E-03	1.29E-03	4.62E-07	1.40E-06	8.08E-07	7.88E-07	7.15E-07	3.26E-07	3.22E-07	1.54E-08	3.73E-07	8.23E-08	1.07E-07	1.70E-07	2.99E-08	1.69E-07	9.46E-07
3683	480363.09	3851377.25	2.90E-03	2.83E-03	2.79E-03	1.00E-06	3.03E-06	1.75E-06	1.71E-06	1.55E-06	7.08E-07	6.98E-07	3.35E-08	8.09E-07	1.78E-07	2.32E-07	3.68E-07	6.49E-08	3.66E-07	2.05E-06
3684	480863.09	3851377.25	2.56E-02	2.50E-02	2.47E-02	8.87E-06	2.68E-05	1.55E-05	1.51E-05	1.37E-05	6.25E-06	6.17E-06	2.96E-07	7.15E-06	1.58E-06	2.05E-06	3.26E-06	5.74E-07	3.24E-06	1.81E-05
3685	481363.09	3851377.25	4.67E-03	4.56E-03	4.49E-03	1.62E-06	4.88E-06	2.82E-06	2.76E-06	2.50E-06	1.14E-06	1.12E-06	5.40E-08	1.30E-06	2.88E-07	3.74E-07	5.94E-07	1.05E-07	5.90E-07	3.31E-06
3686	481863.09	3851377.25	2.26E-03	2.20E-03	2.17E-03	7.81E-07	2.36E-06	1.36E-06	1.33E-06	1.21E-06	5.51E-07	5.43E-07	2.61E-08	6.30E-07	1.39E-07	1.81E-07	2.87E-07	5.05E-08	2.85E-07	1.60E-06
3687	482363.09	3851377.25	1.47E-03	1.44E-03	1.42E-03	5.09E-07	1.54E-06	8.90E-07	8.69E-07	7.88E-07	3.59E-07	3.55E-07	1.70E-08	4.11E-07	9.07E-08	1.18E-07	1.87E-07	3.30E-08	1.86E-07	1.04E-06
3688	482863.09	3851377.25	1.02E-03	9.93E-04	9.80E-04	3.52E-07	1.06E-06	6.16E-07	6.01E-07	5.45E-07	2.49E-07	2.45E-07	1.18E-08	2.84E-07	6.27E-08	8.16E-08	1.29E-07	2.28E-08	1.29E-07	7.21E-07
3689	483363.09	3851377.25	7.79E-04	7.60E-04	7.50E-04	2.70E-07	8.14E-07	4.71E-07	4.60E-07	4.17E-07	1.90E-07	1.88E-07	9.01E-09	2.18E-07	4.80E-08	6.25E-08	9.91E-08	1.75E-08	9.85E-08	5.52E-07
3690	483863.09	3851377.25	6.66E-04	6.50E-04	6.41E-04	2.31E-07	6.96E-07	4.03E-07	3.93E-07	3.56E-07	1.63E-07	1.60E-07	7.70E-09	1.86E-07	4.10E-08	5.34E-08	8.47E-08	1.49E-08	8.42E-08	4.72E-07
3691	484363.09	3851377.25	6.62E-04	6.46E-04	6.37E-04	2.29E-07	6.92E-07	4.00E-07	3.91E-07	3.54E-07	1.62E-07	1.59E-07	7.65E-09	1.85E-07	4.08E-08	5.30E-08	8.42E-08	1.48E-08	8.37E-08	4.69E-07
3692	484863.09	3851377.25	5.51E-04	5.38E-04	5.30E-04	1.91E-07	5.76E-07	3.33E-07	3.25E-07	2.95E-07	1.35E-07	1.33E-07	6.37E-09	1.54E-07	3.39E-08	4.42E-08	7.01E-08	1.23E-08	6.97E-08	3.90E-07
3693	485363.09	3851377.25	5.63E-04	5.49E-04	5.42E-04	1.95E-07	5.88E-07	3.40E-07	3.32E-07	3.01E-07	1.37E-07	1.36E-07	6.50E-09	1.57E-07	3.47E-08	4.51E-08	7.15E-08	1.26E-08	7.11E-08	3.99E-07
3694	485863.09	3851377.25	5.00E-04	4.88E-04	4.81E-04	1.73E-07	5.23E-07	3.02E-07	2.95E-07	2.68E-07	1.22E-07	1.20E-07	5.78E-09	1.40E-07	3.08E-08	4.01E-08	6.36E-08	1.12E-08	6.32E-08	3.54E-07
3695	486363.09	3851377.25	4.84E-04	4.72E-04	4.66E-04	1.68E-07	5.06E-07	2.93E-07	2.86E-07	2.59E-07	1.18E-07	1.17E-07	5.60E-09	1.35E-07	2.98E-08	3.88E-08	6.16E-08	1.09E-08	6.12E-08	3.43E-07
3696	486863.09	3851377.25	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.61E-08	5.73E-08	1.01E-08	5.70E-08	3.19E-07
3697	487363.09	3851377.25	4.05E-04	3.96E-04	3.90E-04	1.40E-07	4.24E-07	2.45E-07	2.39E-07	2.17E-07	9.90E-08	9.77E-08	4.69E-09	1.13E-07	2.50E-08	3.25E-08	5.15E-08	9.08E-09	5.13E-08	2.87E-07
3698	487863.09	3851377.25	3.96E-04	3.86E-04	3.81E-04	1.37E-07	4.14E-07	2.39E-07	2.34E-07	2.12E-07	9.67E-08	9.54E-08	4.58E-09	1.11E-07	2.44E-08	3.17E-08	5.03E-08	8.87E-09	5.01E-08	2.80E-07
3699	488363.09	3851377.25	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.25E-08	9.13E-08	4.38E-09	1.06E-07	2.33E-08	3.04E-08	4.82E-08	8.49E-09	4.79E-08	2.68E-07
3700	488863.09	3851377.25	3.60E-04	3.51E-04	3.47E-04	1.25E-07	3.76E-07	2.18E-07	2.13E-07	1.93E-07	8.79E-08	8.68E-08	4.16E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.07E-09	4.55E-08	2.55E-07
3701	489363.09	3851377.25	3.44E-04	3.35E-04	3.31E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.39E-08	8.28E-08	3.97E-09	9.59E-08	2.12E-08	2.75E-08	4.37E-08	7.70E-09	4.34E-08	2.43E-07
3702	489863.09	3851377.25	3.26E-04	3.18E-04	3.14E-04	1.13E-07	3.41E-07	1.97E-07	1.93E-07	1.75E-07	7.96E-08	7.86E-08	3.77E-09	9.11E-08	2.01E-08	2.61E-08	4.15E-08	7.31E-09	4.12E-08	2.31E-07
3703	490363.09	3851377.25	3.11E-04	3.04E-04	3.00E-04	1.08E-07	3.25E-07	1.88E-07	1.84E-07	1.67E-07	7.60E-08	7.50E-08	3.60E-09	8.69E-08	1.92E-08	2.49E-08	3.96E-08	6.97E-09	3.94E-08	2.20E-07
3704	490863.09	3851377.25	2.96E-04	2.89E-04	2.85E-04	1.03E-07	3.10E-07	1.79E-07	1.75E-07	1.59E-07	7.23E-08	7.14E-08	3.42E-09	8.27E-08	1.83E-08	2.37E-08	3.77E-08	6.64E-09	3.75E-08	2.10E-07
3705	491363.09	3851377.25	2.80E-04	2.73E-04	2.70E-04	9.69E-08	2.93E-07	1.69E-07	1.65E-07	1.50E-07	6.84E-08	6.75E-08	3.24E-09	7.82E-08	1.73E-08	2.24E-08	3.56E-08	6.28E-09	3.54E-08	1.98E-07
3706	491863.09	3851377.25	2.66E-04	2.59E-04	2.56E-04	9.19E-08	2.78E-07	1.61E-07	1.57E-07	1.42E-07	6.48E-08	6.40E-08	3.07E-09	7.41E-08	1.64E-08	2.13E-08	3.38E-08	5.95E-09	3.36E-08	1.88E-07
3707	492363.09	3851377.25	2.54E-04	2.48E-04	2.45E-04	8.80E-08	2.66E-07	1.54E-07	1.50E-07	1.36E-07	6.21E-08	6.13E-08	2.94E-09	7.10E-08	1.57E-08	2.04E-08	3.23E-08	5.70E-09	3.22E-08	1.80E-07
3708	492863.09	3851377.25	2.42E-04	2.36E-04	2.33E-04	8.37E-08	2.53E-07	1.46E-07	1.43E-07	1.29E-07	5.91E-08	5.83E-08	2.80E-09	6.75E-08	1.49E-08	1.94E-08	3.08E-08	5.42E-09	3.06E-08	1.71E-07
3709	493363.09	3851377.25	2.22E-04	2.17E-04	2.14E-04	7.68E-08	2.32E-07	1.34E-07	1.31E-07	1.19E-07	5.42E-08	5.35E-08	2.57E-09	6.20E-08	1.37E-08	1.78E-08	2.82E-08	4.97E-09	2.81E-08	1.57E-07
3710	493863.09	3851377.25	2.24E-04	2.19E-04	2.16E-04	7.76E-08	2.34E-07	1.36E-07	1.32E-07	1.20E-07	5.47E-08	5.40E-08	2.59E-09	6.26E-08	1.38E-08	1.80E-08	2.85E-08	5.02E-09	2.83E-08	1.59E-07
3711	494363.09	3851377.25	2.35E-04	2.30E-04	2.26E-04	8.14E-08	2.46E-07	1.42E-07	1.39E-07	1.26E-07	5.74E-08	5.67E-08	2.72E-09	6.57E-08	1.45E-08	1.89E-08	2.99E-08	5.27E-09	2.98E-08	1.67E-07
3712	494863.09	3851377.25	2.32E-04	2.27E-04	2.24E-04	8.04E-08	2.43E-07	1.41E-07	1.37E-07	1.24E-07	5.67E-08	5.60E-08	2.69E-09	6.49E-08	1.43E-08	1.86E-08	2.95E-08	5.21E-09	2.94E-08	1.65E-07
3713	495363.09	3851377.25	2.41E-04	2.36E-04	2.32E-04	8.36E-08	2.52E-07	1.46E-07	1.43E-07	1.29E-07	5.90E-08	5.82E-08	2.79E-09	6.74E-08	1.49E-08	1.94E-08	3.07E-08	5.41E-09	3.05E-08	1.71E-07
3714	495863.09	3851377.25	2.40E-04	2.34E-04	2.31E-04	8.30E-08	2.51E-07	1.45E-07	1.42E-07	1.28E-07	5.86E-08	5.78E-08	2.77E-09	6.70E-08	1.48E-08	1.92E-08	3.05E-08	5.37E-09	3.03E-08	1.70E-07
3715	496363.09	3851377.25	2.36E-04	2.31E-04	2.28E-04	8.19E-08	2.47E-07	1.43E-07	1.40E-07	1.27E-07	5.78E-08	5.70E-08	2.73E-09	6.60E-08	1.46E-08	1.90E-08	3.01E-08	5.30E-09	2.99E-08	1.68E-07
3716	496863.09	3851377.25	2.32E-04	2.26E-04	2.23E-04	8.03E-08	2.42E-07	1.40E-07	1.37E-07	1.24E-07	5.66E-08	5.59E-08	2.68E-09	6.48E-08	1.43E-08	1.86E-08	2.95E-08	5.20E-09	2.93E-08	1.64E-07
3717	497363.09	3851377.25	2.27E-04	2.21E-04	2.19E-04	7.86E-08	2.37E-07	1.37E-07	1.34E-07	1.21E-07	5.54E-08	5.47E-08	2.62E-09	6.34E-08	1.40E-08	1.82E-08	2.89E-08	5.09E-09	2.87E-08	1.61E-07
3718	497863.09	3851377.25	2.21E-04	2.16E-04	2.13E-04	7.65E-08	2.31E-07	1.34E-07	1.31E-07	1.18E-07	5.40E-08	5.33E-08	2.56E-09	6.17E-08	1.36E-08	1.77E-08	2.81E-08	4.96E-09	2.80E-08	1.57E-07
3719	498363.09	3851377.25	2.11E-04	2.06E-04	2.03E-04	7.31E-08	2.21E-07	1.28E-07	1.25E-07	1.13E-07	5.16E-08	5.09E-08	2.44E-09	5.90E-08	1.30E-08	1.69E-08	2.69E-08	4.73E-09	2.67E-08	1.50E-07
3720	471363.09	3851877.25	1.58E-04	1.54E-04	1.52E-04	5.47E-08	1.65E-07	9.56E-08	9.33E-08	8.46E-08	3.86E-08	3.81E-08	1.83E-09	4.41E-08	9.74E-09	1.27E-08	2.01E-08	3.54E-09	2.00E-08	1.12E-07
3721	471863.09	3851877.25	1.59E-04	1.55E-04	1.53E-04	5.51E-08	1.67E-07	9.64E-08	9.41E-08	8.53E-08	3.89E-08	3.84E-08	1.84E-09	4.45E-08	9.82E-09	1.28E-08	2.03E-08	3.57E-09	2.01E-08	1.13E-07
3722	472363.09	3851877.25	1.74E-04	1.70E-04	1.67E-04	6.02E-08	1.82E-07	1.05E-07	1.03E-07	9.30E-08	4.25E-08	4.19E-08	2.01E-09	4.85E-08	1.07E-08	1.39E-08	2.21E-08	3.90E-09	2.20E-08	1.23E-07
3723	472863.09	3851877.25	1.87E-04	1.83E-04	1.80E-04	6.48E-08	1.96E-07	1.13E-07	1.10E-07	1.00E-07	4.57E-08	4.51E-08	2.16E-09	5.22E-08	1.15E-08	1.50E-08	2.38E-08	4.19E-09	2.37E-08	1.33E-07
3724	473363.09	3851877.25	1.82E-04	1.78E-04	1.75E-04	6.30E-08	1.90E-07	1.10E-07	1.08E-07	9.75E-08	4.45E-08	4.39E-08	2.11E-09	5.09E-08	1.12E-08	1.46E-08	2.32E-08	4.08E-09	2.30E-08	1.29E-07
3725	473863.09	3851877.25	1.87E-04	1.82E-04	1.80E-04	6.46E-08	1.95E-07	1.13E-07	1.10E-07	9.99E-08	4.56E-08	4.50E-08	2.16E-09	5.21E-08	1.15E-08	1.50E-08	2.37E-08	4.18E-09	2.36E-08	1.32E-07
3726	474363.09	3851877.25	2.12E-04	2.06E-04	2.04E-04	7.32E-08	2.21E-07	1.28E-07	1.25E-07	1.13E-07	5.17E-08	5.10E-08	2.45E-09	5.91E-08	1.30E-08	1.70E-08	2.69E-08	4.74E-09	2.68E-08	1.50E-07
3727	474863.09	3851877.25	2.41E-04	2.35E-04	2.32E-04	8.33E-08	2.52E-07	1.46E-07	1.42E-07	1.29E-07	5.88E-08	5.80E-08	2.78E-09	6.72E-08	1.48E-08	1.93E-08	3.06E-08	5.39E-09	3.04E-08	1.71E-07
3728	475363.09	3851877.25	2.63E-04	2.57E-04	2.53E-04	9.11E-08	2.75E-07	1.59E-07	1.55E-07	1.41E-07	6.42E-08	6.34E-08	3.04E-09	7.34E-08	1.62E-08	2.11E-08	3.34E-08	5.90E-09	3.33E-08	1.86E-07
3729	475863.09	3851877.25	2.86E-04	2.79E-04	2.75E-04	9.90E-08	2.99E-07	1.73E-07	1.69E-07	1.53E-07	6.98E-08	6.89E-08	3.30E-09	7.98E-08	1.76E-08	2.29E-08	3.64E-08	6.41E-09	3.62E-08	2.03E-07
3730	476363.09	3851877.25	2.99E-04	2.91E-04	2.88E-04	1.03E-07	3.12E-07	1.81E-07	1.76E-07	1.60E-07	7.30E-08	7.20E-08	3.45E-09	8.34E-08	1.84E-08	2.39E-08	3.80E-08	6.69E-09	3.78E-08	2.12E-07
3731	476863.09	3851877.25	3.30E-04	3.22E-04	3.18E-04	1.14E-07	3.45E-07	2.00E-07	1.95E-07	1.77E-07	8.06E-08	7.95E-08	3.81E-09	9.21E-08	2.03E-08	2.64E-08	4.19E-08	7.39E-09	4.17E-08	2.34E-07
3732	477363.09	3851877.25	3.62E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.14E-07	1.94E-07	8.84E-08	8.72E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.11E-09	4.58E-08	2.56E-07
3733	477863.09	3851877.25	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.12E-07	9.69E-08	9.56E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.89E-09	5.02E-08	2.81E-07

3734	478363.09	3851877.25	4.32E-04	4.22E-04	4.16E-04	1.50E-07	4.52E-07	2.62E-07	2.55E-07	2.31E-07	1.06E-07	1.04E-07	5.00E-09	1.21E-07	2.66E-08	3.47E-08	5.50E-08	9.69E-09	5.47E-08	3.06E-07
3735	478863.09	3851877.25	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.20E-07	3.01E-07	2.94E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.99E-08	6.33E-08	1.11E-08	6.29E-08	3.52E-07
3736	479363.09	3851877.25	5.87E-04	5.73E-04	5.65E-04	2.03E-07	6.14E-07	3.55E-07	3.47E-07	3.14E-07	1.43E-07	1.41E-07	6.79E-09	1.64E-07	3.62E-08	4.71E-08	7.47E-08	1.32E-08	7.42E-08	4.16E-07
3737	479863.09	3851877.25	7.13E-04	6.96E-04	6.86E-04	2.47E-07	7.45E-07	4.31E-07	4.21E-07	3.81E-07	1.74E-07	1.72E-07	8.24E-09	1.99E-07	4.39E-08	5.71E-08	9.06E-08	1.60E-08	9.01E-08	5.05E-07
3738	480363.09	3851877.25	9.30E-04	9.08E-04	8.96E-04	3.22E-07	9.72E-07	5.63E-07	5.49E-07	4.98E-07	2.27E-07	2.24E-07	1.08E-08	2.60E-07	5.73E-08	7.46E-08	1.18E-07	2.08E-08	1.18E-07	6.59E-07
3739	480863.09	3851877.25	1.45E-03	1.41E-03	1.40E-03	5.02E-07	1.51E-06	8.77E-07	8.56E-07	7.76E-07	3.54E-07	3.49E-07	1.68E-08	4.05E-07	8.93E-08	1.16E-07	1.84E-07	3.25E-08	1.83E-07	1.03E-06
3740	481363.09	3851877.25	6.52E-03	6.36E-03	6.28E-03	2.26E-06	6.82E-06	3.95E-06	3.85E-06	3.49E-06	1.59E-06	1.57E-06	7.54E-08	1.82E-06	4.02E-07	5.23E-07	8.29E-07	1.46E-07	8.25E-07	4.62E-06
3741	481863.09	3851877.25	4.49E-03	4.38E-03	4.32E-03	1.55E-06	4.69E-06	2.72E-06	2.65E-06	2.40E-06	1.10E-06	1.08E-06	5.19E-08	1.25E-06	2.77E-07	3.60E-07	5.71E-07	1.01E-07	5.68E-07	3.18E-06
3742	482363.09	3851877.25	1.79E-03	1.74E-03	1.72E-03	6.19E-07	1.87E-06	1.08E-06	1.06E-06	9.57E-07	4.37E-07	4.31E-07	2.07E-08	4.99E-07	1.10E-07	1.43E-07	2.27E-07	4.01E-08	2.26E-07	1.27E-06
3743	482863.09	3851877.25	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.55E-07	5.93E-07	2.71E-07	2.67E-07	1.28E-08	3.10E-07	6.83E-08	8.89E-08	1.41E-07	2.48E-08	1.40E-07	7.86E-07
3744	483363.09	3851877.25	9.26E-04	9.04E-04	8.92E-04	3.21E-07	9.68E-07	5.60E-07	5.47E-07	4.96E-07	2.26E-07	2.23E-07	1.07E-08	2.59E-07	5.71E-08	7.42E-08	1.18E-07	2.08E-08	1.17E-07	6.56E-07
3745	483863.09	3851877.25	7.78E-04	7.59E-04	7.49E-04	2.69E-07	8.13E-07	4.71E-07	4.59E-07	4.16E-07	1.90E-07	1.87E-07	8.99E-09	2.17E-07	4.79E-08	6.24E-08	9.89E-08	1.74E-08	9.84E-08	5.51E-07
3746	484363.09	3851877.25	7.25E-04	7.07E-04	6.98E-04	2.51E-07	7.58E-07	4.39E-07	4.28E-07	3.88E-07	1.77E-07	1.75E-07	8.38E-09	2.02E-07	4.47E-08	5.81E-08	9.22E-08	1.62E-08	9.17E-08	5.14E-07
3747	484863.09	3851877.25	6.38E-04	6.22E-04	6.14E-04	2.21E-07	6.66E-07	3.86E-07	3.77E-07	3.41E-07	1.56E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.11E-08	8.11E-08	1.43E-08	8.06E-08	4.52E-07
3748	485363.09	3851877.25	5.93E-04	5.79E-04	5.71E-04	2.05E-07	6.20E-07	3.59E-07	3.50E-07	3.18E-07	1.45E-07	1.43E-07	6.86E-09	1.66E-07	3.66E-08	4.76E-08	7.54E-08	1.33E-08	7.50E-08	4.20E-07
3749	485863.09	3851877.25	5.53E-04	5.40E-04	5.33E-04	1.92E-07	5.78E-07	3.35E-07	3.27E-07	2.96E-07	1.35E-07	1.33E-07	6.40E-09	1.55E-07	3.41E-08	4.44E-08	7.04E-08	1.24E-08	7.00E-08	3.92E-07
3750	486363.09	3851877.25	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.20E-07	3.01E-07	2.94E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.99E-08	6.33E-08	1.11E-08	6.29E-08	3.52E-07
3751	486863.09	3851877.25	4.65E-04	4.54E-04	4.48E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.38E-09	1.30E-07	2.87E-08	3.73E-08	5.92E-08	1.04E-08	5.89E-08	3.30E-07
3752	487363.09	3851877.25	4.37E-04	4.27E-04	4.21E-04	1.51E-07	4.57E-07	2.65E-07	2.58E-07	2.34E-07	1.07E-07	1.05E-07	5.05E-09	1.22E-07	2.69E-08	3.51E-08	5.56E-08	9.80E-09	5.53E-08	3.10E-07
3753	487863.09	3851877.25	3.96E-04	3.87E-04	3.81E-04	1.37E-07	4.14E-07	2.40E-07	2.34E-07	2.12E-07	9.68E-08	9.55E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.88E-09	5.01E-08	2.81E-07
3754	488363.09	3851877.25	3.78E-04	3.68E-04	3.64E-04	1.31E-07	3.95E-07	2.28E-07	2.23E-07	2.02E-07	9.22E-08	9.10E-08	4.36E-09	1.05E-07	2.33E-08	3.03E-08	4.80E-08	8.46E-09	4.77E-08	2.68E-07
3755	488863.09	3851877.25	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
3756	489363.09	3851877.25	3.31E-04	3.23E-04	3.19E-04	1.15E-07	3.46E-07	2.00E-07	1.95E-07	1.77E-07	8.09E-08	7.98E-08	3.83E-09	9.24E-08	2.04E-08	2.65E-08	4.21E-08	7.42E-09	4.19E-08	2.35E-07
3757	489863.09	3851877.25	3.14E-04	3.06E-04	3.02E-04	1.09E-07	3.28E-07	1.90E-07	1.85E-07	1.68E-07	7.67E-08	7.57E-08	3.63E-09	8.77E-08	1.94E-08	2.52E-08	3.99E-08	7.04E-09	3.97E-08	2.23E-07
3758	490363.09	3851877.25	3.03E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.83E-07	1.79E-07	1.62E-07	7.40E-08	7.30E-08	3.50E-09	8.46E-08	1.87E-08	2.43E-08	3.85E-08	6.79E-09	3.83E-08	2.15E-07
3759	490863.09	3851877.25	2.94E-04	2.87E-04	2.83E-04	1.02E-07	3.07E-07	1.78E-07	1.74E-07	1.57E-07	7.18E-08	7.09E-08	3.40E-09	8.21E-08	1.81E-08	2.36E-08	3.74E-08	6.59E-09	3.72E-08	2.08E-07
3760	491363.09	3851877.25	2.88E-04	2.81E-04	2.77E-04	9.97E-08	3.01E-07	1.74E-07	1.70E-07	1.54E-07	7.03E-08	6.94E-08	3.33E-09	8.04E-08	1.77E-08	2.31E-08	3.66E-08	6.45E-09	3.64E-08	2.04E-07
3761	491863.09	3851877.25	2.80E-04	2.73E-04	2.70E-04	9.69E-08	2.93E-07	1.69E-07	1.65E-07	1.50E-07	6.84E-08	6.75E-08	3.24E-09	7.82E-08	1.73E-08	2.24E-08	3.56E-08	6.28E-09	3.54E-08	1.98E-07
3762	492363.09	3851877.25	2.67E-04	2.60E-04	2.57E-04	9.23E-08	2.79E-07	1.61E-07	1.58E-07	1.43E-07	6.51E-08	6.43E-08	3.08E-09	7.45E-08	1.64E-08	2.14E-08	3.39E-08	5.98E-09	3.37E-08	1.89E-07
3763	492863.09	3851877.25	2.40E-04	2.34E-04	2.31E-04	8.30E-08	2.51E-07	1.45E-07	1.42E-07	1.28E-07	5.86E-08	5.78E-08	2.77E-09	6.70E-08	1.48E-08	1.92E-08	3.05E-08	5.37E-09	3.03E-08	1.70E-07
3764	493363.09	3851877.25	2.53E-04	2.47E-04	2.44E-04	8.76E-08	2.65E-07	1.53E-07	1.49E-07	1.35E-07	6.18E-08	6.10E-08	2.93E-09	7.07E-08	1.56E-08	2.03E-08	3.22E-08	5.67E-09	3.20E-08	1.79E-07
3765	493863.09	3851877.25	2.66E-04	2.59E-04	2.56E-04	9.19E-08	2.78E-07	1.61E-07	1.57E-07	1.42E-07	6.48E-08	6.40E-08	3.07E-09	7.41E-08	1.64E-08	2.13E-08	3.38E-08	5.95E-09	3.36E-08	1.88E-07
3766	494363.09	3851877.25	2.54E-04	2.48E-04	2.45E-04	8.80E-08	2.66E-07	1.54E-07	1.50E-07	1.36E-07	6.21E-08	6.13E-08	2.94E-09	7.10E-08	1.57E-08	2.04E-08	3.23E-08	5.70E-09	3.22E-08	1.80E-07
3767	494863.09	3851877.25	2.58E-04	2.52E-04	2.49E-04	8.95E-08	2.70E-07	1.56E-07	1.53E-07	1.38E-07	6.31E-08	6.23E-08	2.99E-09	7.22E-08	1.59E-08	2.07E-08	3.29E-08	5.79E-09	3.27E-08	1.83E-07
3768	495363.09	3851877.25	2.58E-04	2.52E-04	2.48E-04	8.93E-08	2.70E-07	1.56E-07	1.52E-07	1.38E-07	6.30E-08	6.22E-08	2.98E-09	7.21E-08	1.59E-08	2.07E-08	3.28E-08	5.78E-09	3.26E-08	1.83E-07
3769	495863.09	3851877.25	2.55E-04	2.49E-04	2.46E-04	8.83E-08	2.67E-07	1.54E-07	1.51E-07	1.37E-07	6.23E-08	6.15E-08	2.95E-09	7.12E-08	1.57E-08	2.05E-08	3.24E-08	5.72E-09	3.23E-08	1.81E-07
3770	496363.09	3851877.25	2.49E-04	2.43E-04	2.40E-04	8.62E-08	2.60E-07	1.51E-07	1.47E-07	1.33E-07	6.08E-08	6.00E-08	2.88E-09	6.95E-08	1.53E-08	2.00E-08	3.17E-08	5.58E-09	3.15E-08	1.76E-07
3771	496863.09	3851877.25	2.42E-04	2.36E-04	2.33E-04	8.37E-08	2.53E-07	1.46E-07	1.43E-07	1.29E-07	5.91E-08	5.83E-08	2.80E-09	6.75E-08	1.49E-08	1.94E-08	3.08E-08	5.42E-09	3.06E-08	1.71E-07
3772	497363.09	3851877.25	2.35E-04	2.29E-04	2.26E-04	8.13E-08	2.45E-07	1.42E-07	1.39E-07	1.26E-07	5.73E-08	5.66E-08	2.71E-09	6.56E-08	1.45E-08	1.88E-08	2.99E-08	5.26E-09	2.97E-08	1.66E-07
3773	497863.09	3851877.25	2.23E-04	2.18E-04	2.15E-04	7.73E-08	2.33E-07	1.35E-07	1.32E-07	1.19E-07	5.45E-08	5.38E-08	2.58E-09	6.23E-08	1.38E-08	1.79E-08	2.84E-08	5.00E-09	2.82E-08	1.58E-07
3774	498363.09	3851877.25	2.13E-04	2.08E-04	2.05E-04	7.38E-08	2.23E-07	1.29E-07	1.26E-07	1.14E-07	5.21E-08	5.14E-08	2.47E-09	5.95E-08	1.31E-08	1.71E-08	2.71E-08	4.78E-09	2.70E-08	1.51E-07
3775	471363.09	3852377.25	1.39E-04	1.35E-04	1.33E-04	4.80E-08	1.45E-07	8.38E-08	8.18E-08	7.42E-08	3.38E-08	3.34E-08	1.60E-09	3.87E-08	8.54E-09	1.11E-08	1.76E-08	3.11E-09	1.75E-08	9.82E-08
3776	471863.09	3852377.25	1.51E-04	1.47E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	8.89E-08	8.06E-08	3.68E-08	3.63E-08	1.74E-09	4.21E-08	9.28E-09	1.21E-08	1.92E-08	3.38E-09	1.90E-08	1.07E-07
3777	472363.09	3852377.25	1.59E-04	1.55E-04	1.53E-04	5.51E-08	1.67E-07	9.64E-08	9.41E-08	8.53E-08	3.89E-08	3.84E-08	1.84E-09	4.45E-08	9.82E-09	1.28E-08	2.03E-08	3.57E-09	2.01E-08	1.13E-07
3778	472863.09	3852377.25	1.68E-04	1.64E-04	1.62E-04	5.82E-08	1.76E-07	1.02E-07	9.92E-08	8.99E-08	4.10E-08	4.05E-08	1.94E-09	4.69E-08	1.04E-08	1.35E-08	2.14E-08	3.77E-09	2.13E-08	1.19E-07
3779	473363.09	3852377.25	1.75E-04	1.70E-04	1.68E-04	6.05E-08	1.83E-07	1.06E-07	1.03E-07	9.35E-08	4.27E-08	4.21E-08	2.02E-09	4.88E-08	1.08E-08	1.40E-08	2.22E-08	3.91E-09	2.21E-08	1.24E-07
3780	473863.09	3852377.25	1.78E-04	1.74E-04	1.72E-04	6.18E-08	1.86E-07	1.08E-07	1.05E-07	9.55E-08	4.36E-08	4.30E-08	2.06E-09	4.98E-08	1.10E-08	1.43E-08	2.27E-08	4.00E-09	2.26E-08	1.26E-07
3781	474363.09	3852377.25	1.83E-04	1.79E-04	1.76E-04	6.33E-08	1.91E-07	1.11E-07	1.08E-07	9.79E-08	4.47E-08	4.41E-08	2.11E-09	5.11E-08	1.13E-08	1.47E-08	2.33E-08	4.10E-09	2.31E-08	1.30E-07
3782	474863.09	3852377.25	2.17E-04	2.11E-04	2.09E-04	7.50E-08	2.26E-07	1.31E-07	1.28E-07	1.16E-07	5.29E-08	5.22E-08	2.50E-09	6.05E-08	1.33E-08	1.74E-08	2.75E-08	4.85E-09	2.74E-08	1.53E-07
3783	475363.09	3852377.25	2.26E-04	2.20E-04	2.17E-04	7.81E-08	2.36E-07	1.37E-07	1.33E-07	1.21E-07	5.51E-08	5.44E-08	2.61E-09	6.30E-08	1.39E-08	1.81E-08	2.87E-08	5.06E-09	2.85E-08	1.60E-07
3784	475863.09	3852377.25	2.35E-04	2.29E-04	2.26E-04	8.13E-08	2.45E-07	1.42E-07	1.39E-07	1.26E-07	5.73E-08	5.66E-08	2.71E-09	6.56E-08	1.45E-08	1.88E-08	2.99E-08	5.26E-09	2.97E-08	1.66E-07
3785	476363.09	3852377.25	2.42E-04	2.36E-04	2.33E-04	8.39E-08	2.53E-07	1.47E-07	1.43E-07	1.30E-07	5.92E-08	5.84E-08	2.80E-09	6.77E-08	1.49E-08	1.94E-08	3.08E-08	5.43E-09	3.06E-08	1.72E-07
3786	476863.09	3852377.25	2.63E-04	2.57E-04	2.54E-04	9.12E-08	2.75E-07	1.59E-07	1.56E-07	1.41E-07	6.43E-08	6.35E-08	3.05E-09	7.36E-08	1.62E-08	2.11E-08	3.35E-08	5.90E-09	3.33E-08	1.87E-07
3787	477363.09	3852377.25	2.75E-04	2.69E-04	2.65E-04	9.54E-08	2.88E-07	1.67E-07	1.63E-07	1.47E-07	6.73E-08	6.64E-08	3.18E-09	7.69E-08	1.70E-08	2.21E-08	3.50E-08	6.17E-09	3.48E-08	1.95E-07
3788	477863.09	3852377.25	2.61E-04	2.54E-04	2.51E-04	9.02E-08	2.72E-07	1.58E-07	1.54E-07	1.39E-07	6.36E-08	6.28E-08	3.01E-09	7.27E-08	1.61E-08	2.09E-08	3.31E-08	5.84E-09	3.30E-08	1.85E-07

3789	478363.09	3852377.25	2.58E-04	2.51E-04	2.48E-04	8.92E-08	2.69E-07	1.56E-07	1.52E-07	1.38E-07	6.29E-08	6.21E-08	2.98E-09	7.19E-08	1.59E-08	2.07E-08	3.28E-08	5.77E-09	3.26E-08	1.83E-07
3790	478863.09	3852377.25	3.16E-04	3.08E-04	3.04E-04	1.09E-07	3.30E-07	1.91E-07	1.86E-07	1.69E-07	7.71E-08	7.61E-08	3.65E-09	8.82E-08	1.95E-08	2.53E-08	4.02E-08	7.08E-09	3.99E-08	2.24E-07
3791	479363.09	3852377.25	3.67E-04	3.58E-04	3.53E-04	1.27E-07	3.83E-07	2.22E-07	2.17E-07	1.96E-07	8.96E-08	8.84E-08	4.24E-09	1.02E-07	2.26E-08	2.94E-08	4.66E-08	8.22E-09	4.64E-08	2.60E-07
3792	479863.09	3852377.25	4.84E-04	4.72E-04	4.66E-04	1.67E-07	5.06E-07	2.93E-07	2.86E-07	2.59E-07	1.18E-07	1.17E-07	5.59E-09	1.35E-07	2.98E-08	3.88E-08	6.15E-08	1.08E-08	6.12E-08	3.43E-07
3793	480363.09	3852377.25	6.24E-04	6.09E-04	6.01E-04	2.16E-07	6.52E-07	3.78E-07	3.68E-07	3.34E-07	1.52E-07	1.50E-07	7.21E-09	1.74E-07	3.84E-08	5.00E-08	7.94E-08	1.40E-08	7.89E-08	4.42E-07
3794	480863.09	3852377.25	8.12E-04	7.92E-04	7.82E-04	2.81E-07	8.49E-07	4.91E-07	4.79E-07	4.35E-07	1.98E-07	1.96E-07	9.39E-09	2.27E-07	5.00E-08	6.51E-08	1.03E-07	1.82E-08	1.03E-07	5.75E-07
3795	481363.09	3852377.25	1.32E-03	1.29E-03	1.27E-03	4.57E-07	1.38E-06	7.99E-07	7.80E-07	7.07E-07	3.23E-07	3.18E-07	1.53E-08	3.69E-07	8.14E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.36E-07
3796	481863.09	3852377.25	7.54E-03	7.35E-03	7.26E-03	2.61E-06	7.88E-06	4.56E-06	4.45E-06	4.03E-06	1.84E-06	1.82E-06	8.71E-08	2.10E-06	4.64E-07	6.04E-07	9.58E-07	1.69E-07	9.53E-07	5.34E-06
3797	482363.09	3852377.25	4.18E-03	4.08E-03	4.03E-03	1.45E-06	4.37E-06	2.53E-06	2.47E-06	2.24E-06	1.02E-06	1.01E-06	4.83E-08	1.17E-06	2.58E-07	3.35E-07	5.32E-07	9.37E-08	5.29E-07	2.96E-06
3798	482863.09	3852377.25	1.79E-03	1.74E-03	1.72E-03	6.18E-07	1.87E-06	1.08E-06	1.05E-06	9.56E-07	4.36E-07	4.30E-07	2.06E-08	4.99E-07	1.10E-07	1.43E-07	2.27E-07	4.00E-08	2.26E-07	1.27E-06
3799	483363.09	3852377.25	1.10E-03	1.07E-03	1.06E-03	3.81E-07	1.15E-06	6.66E-07	6.50E-07	5.89E-07	2.69E-07	2.65E-07	1.27E-08	3.07E-07	6.78E-08	8.82E-08	1.40E-07	2.47E-08	1.39E-07	7.80E-07
3800	483863.09	3852377.25	8.48E-04	8.28E-04	8.17E-04	2.94E-07	8.87E-07	5.13E-07	5.01E-07	4.54E-07	2.07E-07	2.04E-07	9.81E-09	2.37E-07	5.23E-08	6.80E-08	1.08E-07	1.90E-08	1.07E-07	6.01E-07
3801	484363.09	3852377.25	7.78E-04	7.59E-04	7.49E-04	2.69E-07	8.13E-07	4.71E-07	4.59E-07	4.16E-07	1.90E-07	1.87E-07	8.99E-09	2.17E-07	4.79E-08	6.24E-08	9.89E-08	1.74E-08	9.84E-08	5.51E-07
3802	484863.09	3852377.25	7.12E-04	6.95E-04	6.86E-04	2.47E-07	7.45E-07	4.31E-07	4.21E-07	3.81E-07	1.74E-07	1.72E-07	8.23E-09	1.99E-07	4.39E-08	5.71E-08	9.06E-08	1.60E-08	9.01E-08	5.05E-07
3803	485363.09	3852377.25	6.57E-04	6.41E-04	6.33E-04	2.27E-07	6.87E-07	3.98E-07	3.88E-07	3.52E-07	1.60E-07	1.58E-07	7.60E-09	1.83E-07	4.05E-08	5.27E-08	8.36E-08	1.47E-08	8.31E-08	4.66E-07
3804	485863.09	3852377.25	5.83E-04	5.69E-04	5.61E-04	2.02E-07	6.09E-07	3.53E-07	3.44E-07	3.12E-07	1.42E-07	1.40E-07	6.74E-09	1.63E-07	3.59E-08	4.67E-08	7.41E-08	1.31E-08	7.37E-08	4.13E-07
3805	486363.09	3852377.25	5.09E-04	4.97E-04	4.91E-04	1.76E-07	5.33E-07	3.08E-07	3.01E-07	2.73E-07	1.24E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.08E-08	6.48E-08	1.14E-08	6.44E-08	3.61E-07
3806	486863.09	3852377.25	4.70E-04	4.58E-04	4.52E-04	1.63E-07	4.91E-07	2.84E-07	2.77E-07	2.51E-07	1.15E-07	1.13E-07	5.43E-09	1.31E-07	2.89E-08	3.76E-08	5.97E-08	1.05E-08	5.94E-08	3.33E-07
3807	487363.09	3852377.25	4.29E-04	4.19E-04	4.13E-04	1.48E-07	4.48E-07	2.60E-07	2.53E-07	2.30E-07	1.05E-07	1.03E-07	4.96E-09	1.20E-07	2.64E-08	3.44E-08	5.46E-08	9.61E-09	5.43E-08	3.04E-07
3808	487863.09	3852377.25	3.94E-04	3.84E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.32E-07	2.11E-07	9.62E-08	9.49E-08	4.55E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.82E-09	4.98E-08	2.79E-07
3809	488363.09	3852377.25	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
3810	488863.09	3852377.25	3.36E-04	3.28E-04	3.23E-04	1.16E-07	3.51E-07	2.03E-07	1.98E-07	1.80E-07	8.20E-08	8.09E-08	3.88E-09	9.37E-08	2.07E-08	2.69E-08	4.27E-08	7.52E-09	4.24E-08	2.38E-07
3811	489363.09	3852377.25	3.14E-04	3.07E-04	3.03E-04	1.09E-07	3.29E-07	1.90E-07	1.86E-07	1.68E-07	7.68E-08	7.58E-08	3.64E-09	8.78E-08	1.94E-08	2.52E-08	4.00E-08	7.05E-09	3.98E-08	2.23E-07
3812	489863.09	3852377.25	2.91E-04	2.84E-04	2.80E-04	1.01E-07	3.04E-07	1.76E-07	1.72E-07	1.56E-07	7.10E-08	7.01E-08	3.36E-09	8.12E-08	1.79E-08	2.33E-08	3.70E-08	6.52E-09	3.68E-08	2.06E-07
3813	490363.09	3852377.25	2.94E-04	2.87E-04	2.83E-04	1.02E-07	3.07E-07	1.78E-07	1.73E-07	1.57E-07	7.17E-08	7.08E-08	3.40E-09	8.20E-08	1.81E-08	2.35E-08	3.74E-08	6.58E-09	3.71E-08	2.08E-07
3814	490863.09	3852377.25	2.92E-04	2.85E-04	2.82E-04	1.01E-07	3.06E-07	1.77E-07	1.73E-07	1.57E-07	7.14E-08	7.05E-08	3.38E-09	8.17E-08	1.80E-08	2.34E-08	3.72E-08	6.56E-09	3.70E-08	2.07E-07
3815	491363.09	3852377.25	3.04E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.84E-07	1.79E-07	1.63E-07	7.42E-08	7.32E-08	3.51E-09	8.48E-08	1.87E-08	2.43E-08	3.86E-08	6.81E-09	3.84E-08	2.15E-07
3816	491863.09	3852377.25	2.97E-04	2.90E-04	2.86E-04	1.03E-07	3.10E-07	1.80E-07	1.75E-07	1.59E-07	7.25E-08	7.16E-08	3.43E-09	8.29E-08	1.83E-08	2.38E-08	3.78E-08	6.66E-09	3.76E-08	2.10E-07
3817	492363.09	3852377.25	2.89E-04	2.82E-04	2.78E-04	1.00E-07	3.02E-07	1.75E-07	1.71E-07	1.55E-07	7.06E-08	6.97E-08	3.34E-09	8.07E-08	1.78E-08	2.32E-08	3.68E-08	6.48E-09	3.66E-08	2.05E-07
3818	492863.09	3852377.25	2.88E-04	2.81E-04	2.77E-04	9.97E-08	3.01E-07	1.74E-07	1.70E-07	1.54E-07	7.03E-08	6.94E-08	3.33E-09	8.04E-08	1.77E-08	2.31E-08	3.66E-08	6.45E-09	3.64E-08	2.04E-07
3819	493363.09	3852377.25	2.93E-04	2.86E-04	2.82E-04	1.01E-07	3.06E-07	1.77E-07	1.73E-07	1.57E-07	7.15E-08	7.06E-08	3.39E-09	8.18E-08	1.80E-08	2.35E-08	3.72E-08	6.56E-09	3.70E-08	2.08E-07
3820	493863.09	3852377.25	2.84E-04	2.77E-04	2.73E-04	9.82E-08	2.97E-07	1.72E-07	1.68E-07	1.52E-07	6.93E-08	6.84E-08	3.28E-09	7.92E-08	1.75E-08	2.27E-08	3.61E-08	6.36E-09	3.59E-08	2.01E-07
3821	494363.09	3852377.25	2.76E-04	2.69E-04	2.66E-04	9.55E-08	2.88E-07	1.67E-07	1.63E-07	1.48E-07	6.74E-08	6.65E-08	3.19E-09	7.70E-08	1.70E-08	2.21E-08	3.51E-08	6.18E-09	3.49E-08	1.96E-07
3822	494863.09	3852377.25	2.76E-04	2.69E-04	2.66E-04	9.55E-08	2.88E-07	1.67E-07	1.63E-07	1.48E-07	6.74E-08	6.65E-08	3.19E-09	7.70E-08	1.70E-08	2.21E-08	3.51E-08	6.18E-09	3.49E-08	1.96E-07
3823	495363.09	3852377.25	2.75E-04	2.69E-04	2.65E-04	9.54E-08	2.88E-07	1.67E-07	1.63E-07	1.47E-07	6.73E-08	6.64E-08	3.18E-09	7.69E-08	1.70E-08	2.21E-08	3.50E-08	6.17E-09	3.48E-08	1.95E-07
3824	495863.09	3852377.25	2.66E-04	2.60E-04	2.56E-04	9.22E-08	2.78E-07	1.61E-07	1.57E-07	1.43E-07	6.50E-08	6.42E-08	3.08E-09	7.44E-08	1.64E-08	2.14E-08	3.39E-08	5.97E-09	3.37E-08	1.89E-07
3825	496363.09	3852377.25	2.56E-04	2.50E-04	2.47E-04	8.88E-08	2.68E-07	1.55E-07	1.51E-07	1.37E-07	6.26E-08	6.18E-08	2.96E-09	7.16E-08	1.58E-08	2.06E-08	3.26E-08	5.75E-09	3.24E-08	1.82E-07
3826	496863.09	3852377.25	2.49E-04	2.43E-04	2.40E-04	8.63E-08	2.61E-07	1.51E-07	1.47E-07	1.33E-07	6.09E-08	6.01E-08	2.88E-09	6.96E-08	1.54E-08	2.00E-08	3.17E-08	5.59E-09	3.15E-08	1.77E-07
3827	497363.09	3852377.25	2.36E-04	2.31E-04	2.28E-04	8.19E-08	2.47E-07	1.43E-07	1.40E-07	1.27E-07	5.78E-08	5.70E-08	2.73E-09	6.60E-08	1.46E-08	1.90E-08	3.01E-08	5.30E-09	2.99E-08	1.68E-07
3828	497863.09	3852377.25	2.22E-04	2.17E-04	2.14E-04	7.68E-08	2.32E-07	1.34E-07	1.31E-07	1.19E-07	5.42E-08	5.35E-08	2.57E-09	6.20E-08	1.37E-08	1.78E-08	2.82E-08	4.97E-09	2.81E-08	1.57E-07
3829	498363.09	3852377.25	2.10E-04	2.05E-04	2.02E-04	7.27E-08	2.19E-07	1.27E-07	1.24E-07	1.12E-07	5.13E-08	5.06E-08	2.43E-09	5.86E-08	1.29E-08	1.68E-08	2.67E-08	4.71E-09	2.65E-08	1.49E-07
3830	471363.09	3852877.25	1.34E-04	1.31E-04	1.29E-04	4.65E-08	1.40E-07	8.13E-08	7.94E-08	7.19E-08	3.28E-08	3.24E-08	1.55E-09	3.75E-08	8.28E-09	1.08E-08	1.71E-08	3.01E-09	1.70E-08	9.53E-08
3831	471863.09	3852877.25	1.43E-04	1.39E-04	1.37E-04	4.94E-08	1.49E-07	8.64E-08	8.43E-08	7.64E-08	3.49E-08	3.44E-08	1.65E-09	3.98E-08	8.79E-09	1.14E-08	1.81E-08	3.20E-09	1.80E-08	1.01E-07
3832	472363.09	3852877.25	1.50E-04	1.47E-04	1.45E-04	5.20E-08	1.57E-07	9.09E-08	8.87E-08	8.04E-08	3.67E-08	3.62E-08	1.74E-09	4.19E-08	9.25E-09	1.20E-08	1.91E-08	3.37E-09	1.90E-08	1.06E-07
3833	472863.09	3852877.25	1.57E-04	1.53E-04	1.51E-04	5.43E-08	1.64E-07	9.49E-08	9.26E-08	8.39E-08	3.83E-08	3.78E-08	1.81E-09	4.38E-08	9.66E-09	1.26E-08	1.99E-08	3.51E-09	1.98E-08	1.11E-07
3834	473363.09	3852877.25	1.66E-04	1.62E-04	1.59E-04	5.73E-08	1.73E-07	1.00E-07	9.77E-08	8.86E-08	4.04E-08	3.99E-08	1.91E-09	4.62E-08	1.02E-08	1.33E-08	2.11E-08	3.71E-09	2.09E-08	1.17E-07
3835	473863.09	3852877.25	1.75E-04	1.71E-04	1.69E-04	6.07E-08	1.83E-07	1.06E-07	1.04E-07	9.39E-08	4.29E-08	4.23E-08	2.03E-09	4.90E-08	1.08E-08	1.41E-08	2.23E-08	3.93E-09	2.22E-08	1.24E-07
3836	474363.09	3852877.25	1.86E-04	1.82E-04	1.79E-04	6.45E-08	1.95E-07	1.13E-07	1.10E-07	9.97E-08	4.55E-08	4.49E-08	2.15E-09	5.20E-08	1.15E-08	1.49E-08	2.37E-08	4.18E-09	2.36E-08	1.32E-07
3837	474863.09	3852877.25	1.83E-04	1.79E-04	1.76E-04	6.33E-08	1.91E-07	1.11E-07	1.08E-07	9.79E-08	4.47E-08	4.41E-08	2.11E-09	5.11E-08	1.13E-08	1.47E-08	2.33E-08	4.10E-09	2.31E-08	1.30E-07
3838	475363.09	3852877.25	1.97E-04	1.92E-04	1.89E-04	6.81E-08	2.06E-07	1.19E-07	1.16E-07	1.05E-07	4.80E-08	4.74E-08	2.27E-09	5.49E-08	1.21E-08	1.58E-08	2.50E-08	4.41E-09	2.49E-08	1.39E-07
3839	475863.09	3852877.25	2.04E-04	1.99E-04	1.97E-04	7.07E-08	2.13E-07	1.24E-07	1.21E-07	1.09E-07	4.99E-08	4.92E-08	2.36E-09	5.70E-08	1.26E-08	1.64E-08	2.60E-08	4.57E-09	2.58E-08	1.45E-07
3840	476363.09	3852877.25	2.05E-04	2.00E-04	1.97E-04	7.08E-08	2.14E-07	1.24E-07	1.21E-07	1.09E-07	5.00E-08	4.93E-08	2.36E-09	5.71E-08	1.26E-08	1.64E-08	2.60E-08	4.58E-09	2.59E-08	1.45E-07
3841	476863.09	3852877.25	2.00E-04	1.96E-04	1.93E-04	6.94E-08	2.09E-07	1.21E-07	1.18E-07	1.07E-07	4.89E-08	4.83E-08	2.32E-09	5.60E-08	1.23E-08	1.61E-08	2.55E-08	4.49E-09	2.53E-08	1.42E-07
3842	477363.09	3852877.25	1.99E-04	1.94E-04	1.91E-04	6.88E-08	2.08E-07	1.20E-07	1.17E-07	1.06E-07	4.85E-08	4.79E-08	2.30E-09	5.55E-08	1.22E-08	1.59E-08	2.53E-08	4.45E-09	2.51E-08	1.41E-07
3843	477863.09	3852877.25	1.94E-04	1.89E-04	1.87E-04	6.72E-08	2.03E-07	1.17E-07	1.15E-07	1.04E-07	4.74E-08	4.68E-08	2.24E-09	5.42E-08	1.20E-08	1.56E-08	2.47E-08	4.35E-09	2.46E-08	1.38E-07

3844	478363.09	3852877.25	1.82E-04	1.77E-04	1.75E-04	6.29E-08	1.90E-07	1.10E-07	1.07E-07	9.73E-08	4.44E-08	4.38E-08	2.10E-09	5.07E-08	1.12E-08	1.46E-08	2.31E-08	4.07E-09	2.30E-08	1.29E-07
3845	478863.09	3852877.25	2.05E-04	2.00E-04	1.97E-04	7.08E-08	2.14E-07	1.24E-07	1.21E-07	1.09E-07	5.00E-08	4.93E-08	2.36E-09	5.71E-08	1.26E-08	1.64E-08	2.60E-08	4.58E-09	2.59E-08	1.45E-07
3846	479363.09	3852877.25	2.49E-04	2.43E-04	2.40E-04	8.62E-08	2.60E-07	1.51E-07	1.47E-07	1.33E-07	6.08E-08	6.00E-08	2.88E-09	6.95E-08	1.53E-08	2.00E-08	3.17E-08	5.58E-09	3.15E-08	1.76E-07
3847	479863.09	3852877.25	3.44E-04	3.35E-04	3.31E-04	1.19E-07	3.59E-07	2.08E-07	2.03E-07	1.84E-07	8.39E-08	8.28E-08	3.97E-09	9.59E-08	2.12E-08	2.75E-08	4.37E-08	7.70E-09	4.34E-08	2.43E-07
3848	480363.09	3852877.25	4.73E-04	4.62E-04	4.56E-04	1.64E-07	4.95E-07	2.86E-07	2.79E-07	2.53E-07	1.16E-07	1.14E-07	5.47E-09	1.32E-07	2.92E-08	3.79E-08	6.02E-08	1.06E-08	5.99E-08	3.35E-07
3849	480863.09	3852877.25	5.85E-04	5.71E-04	5.63E-04	2.02E-07	6.11E-07	3.54E-07	3.45E-07	3.13E-07	1.43E-07	1.41E-07	6.76E-09	1.63E-07	3.60E-08	4.69E-08	7.44E-08	1.31E-08	7.40E-08	4.15E-07
3850	481363.09	3852877.25	7.92E-04	7.72E-04	7.62E-04	2.74E-07	8.27E-07	4.79E-07	4.67E-07	4.24E-07	1.93E-07	1.91E-07	9.15E-09	2.21E-07	4.88E-08	6.35E-08	1.01E-07	1.77E-08	1.00E-07	5.61E-07
3851	481863.09	3852877.25	1.33E-03	1.29E-03	1.28E-03	4.59E-07	1.39E-06	8.02E-07	7.82E-07	7.09E-07	3.24E-07	3.19E-07	1.53E-08	3.70E-07	8.16E-08	1.06E-07	1.69E-07	2.97E-08	1.68E-07	9.39E-07
3852	482363.09	3852877.25	9.09E-03	8.87E-03	8.75E-03	3.15E-06	9.50E-06	5.50E-06	5.37E-06	4.87E-06	2.22E-06	2.19E-06	1.05E-07	2.54E-06	5.60E-07	7.29E-07	1.16E-06	2.04E-07	1.15E-06	6.44E-06
3853	482863.09	3852877.25	3.90E-03	3.81E-03	3.76E-03	1.35E-06	4.08E-06	2.36E-06	2.30E-06	2.09E-06	9.53E-07	9.40E-07	4.51E-08	1.09E-06	2.40E-07	3.13E-07	4.96E-07	8.75E-08	4.94E-07	2.77E-06
3854	483363.09	3852877.25	1.65E-03	1.61E-03	1.59E-03	5.70E-07	1.72E-06	9.97E-07	9.72E-07	8.82E-07	4.02E-07	3.97E-07	1.90E-08	4.60E-07	1.01E-07	1.32E-07	2.09E-07	3.69E-08	2.08E-07	1.17E-06
3855	483863.09	3852877.25	9.59E-04	9.36E-04	9.23E-04	3.32E-07	1.00E-06	5.80E-07	5.66E-07	5.13E-07	2.34E-07	2.31E-07	1.11E-08	2.68E-07	5.91E-08	7.69E-08	1.22E-07	2.15E-08	1.21E-07	6.79E-07
3856	484363.09	3852877.25	8.63E-04	8.42E-04	8.31E-04	2.99E-07	9.02E-07	5.22E-07	5.10E-07	4.62E-07	2.11E-07	2.08E-07	9.98E-09	2.41E-07	5.32E-08	6.92E-08	1.10E-07	1.94E-08	1.09E-07	6.12E-07
3857	484863.09	3852877.25	7.79E-04	7.60E-04	7.50E-04	2.70E-07	8.14E-07	4.71E-07	4.60E-07	4.17E-07	1.90E-07	1.88E-07	9.00E-09	2.17E-07	4.80E-08	6.24E-08	9.90E-08	1.75E-08	9.85E-08	5.52E-07
3858	485363.09	3852877.25	6.15E-04	6.00E-04	5.92E-04	2.13E-07	6.43E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.11E-09	1.72E-07	3.79E-08	4.93E-08	7.82E-08	1.38E-08	7.78E-08	4.36E-07
3859	485863.09	3852877.25	5.41E-04	5.28E-04	5.21E-04	1.87E-07	5.65E-07	3.27E-07	3.19E-07	2.89E-07	1.32E-07	1.30E-07	6.25E-09	1.51E-07	3.33E-08	4.33E-08	6.87E-08	1.21E-08	6.84E-08	3.83E-07
3860	486363.09	3852877.25	4.80E-04	4.69E-04	4.63E-04	1.66E-07	5.02E-07	2.91E-07	2.84E-07	2.57E-07	1.17E-07	1.16E-07	5.55E-09	1.34E-07	2.96E-08	3.85E-08	6.11E-08	1.08E-08	6.08E-08	3.40E-07
3861	486863.09	3852877.25	4.46E-04	4.35E-04	4.29E-04	1.54E-07	4.66E-07	2.70E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.15E-09	1.24E-07	2.75E-08	3.57E-08	5.67E-08	9.99E-09	5.64E-08	3.16E-07
3862	487363.09	3852877.25	4.07E-04	3.97E-04	3.92E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.18E-07	9.94E-08	9.81E-08	4.70E-09	1.14E-07	2.51E-08	3.26E-08	5.18E-08	9.12E-09	5.15E-08	2.88E-07
3863	487863.09	3852877.25	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.25E-08	9.13E-08	4.38E-09	1.06E-07	2.33E-08	3.04E-08	4.82E-08	8.49E-09	4.79E-08	2.68E-07
3864	488363.09	3852877.25	3.17E-04	3.09E-04	3.05E-04	1.10E-07	3.31E-07	1.92E-07	1.87E-07	1.69E-07	7.73E-08	7.63E-08	3.66E-09	8.84E-08	1.95E-08	2.54E-08	4.03E-08	7.09E-09	4.00E-08	2.24E-07
3865	488863.09	3852877.25	3.15E-04	3.08E-04	3.04E-04	1.09E-07	3.30E-07	1.91E-07	1.86E-07	1.69E-07	7.70E-08	7.60E-08	3.64E-09	8.80E-08	1.94E-08	2.53E-08	4.01E-08	7.07E-09	3.99E-08	2.23E-07
3866	489363.09	3852877.25	3.07E-04	3.00E-04	2.96E-04	1.06E-07	3.21E-07	1.86E-07	1.81E-07	1.64E-07	7.50E-08	7.40E-08	3.55E-09	8.57E-08	1.89E-08	2.46E-08	3.90E-08	6.88E-09	3.88E-08	2.18E-07
3867	489863.09	3852877.25	2.99E-04	2.91E-04	2.88E-04	1.03E-07	3.12E-07	1.81E-07	1.76E-07	1.60E-07	7.30E-08	7.20E-08	3.45E-09	8.34E-08	1.84E-08	2.39E-08	3.80E-08	6.69E-09	3.78E-08	2.12E-07
3868	490363.09	3852877.25	3.22E-04	3.15E-04	3.10E-04	1.12E-07	3.37E-07	1.95E-07	1.90E-07	1.73E-07	7.87E-08	7.77E-08	3.73E-09	9.00E-08	1.99E-08	2.58E-08	4.10E-08	7.22E-09	4.08E-08	2.28E-07
3869	490863.09	3852877.25	3.24E-04	3.16E-04	3.12E-04	1.12E-07	3.39E-07	1.96E-07	1.91E-07	1.73E-07	7.91E-08	7.81E-08	3.75E-09	9.05E-08	2.00E-08	2.60E-08	4.12E-08	7.26E-09	4.10E-08	2.30E-07
3870	491363.09	3852877.25	3.24E-04	3.17E-04	3.12E-04	1.12E-07	3.39E-07	1.96E-07	1.92E-07	1.74E-07	7.92E-08	7.82E-08	3.75E-09	9.06E-08	2.00E-08	2.60E-08	4.13E-08	7.27E-09	4.10E-08	2.30E-07
3871	491863.09	3852877.25	3.19E-04	3.11E-04	3.07E-04	1.10E-07	3.33E-07	1.93E-07	1.88E-07	1.71E-07	7.78E-08	7.68E-08	3.68E-09	8.90E-08	1.96E-08	2.55E-08	4.05E-08	7.14E-09	4.03E-08	2.26E-07
3872	492363.09	3852877.25	3.15E-04	3.07E-04	3.03E-04	1.09E-07	3.29E-07	1.91E-07	1.86E-07	1.69E-07	7.69E-08	7.59E-08	3.64E-09	8.79E-08	1.94E-08	2.52E-08	4.00E-08	7.06E-09	3.98E-08	2.23E-07
3873	492863.09	3852877.25	3.17E-04	3.09E-04	3.05E-04	1.10E-07	3.31E-07	1.92E-07	1.87E-07	1.69E-07	7.73E-08	7.63E-08	3.66E-09	8.84E-08	1.95E-08	2.54E-08	4.03E-08	7.09E-09	4.00E-08	2.24E-07
3874	493363.09	3852877.25	3.14E-04	3.07E-04	3.03E-04	1.09E-07	3.29E-07	1.90E-07	1.86E-07	1.68E-07	7.68E-08	7.58E-08	3.64E-09	8.78E-08	1.94E-08	2.52E-08	4.00E-08	7.05E-09	3.98E-08	2.23E-07
3875	493863.09	3852877.25	3.05E-04	2.98E-04	2.94E-04	1.06E-07	3.19E-07	1.85E-07	1.80E-07	1.63E-07	7.46E-08	7.36E-08	3.53E-09	8.53E-08	1.88E-08	2.45E-08	3.88E-08	6.84E-09	3.86E-08	2.16E-07
3876	494363.09	3852877.25	2.98E-04	2.91E-04	2.87E-04	1.03E-07	3.11E-07	1.80E-07	1.76E-07	1.59E-07	7.27E-08	7.18E-08	3.44E-09	8.32E-08	1.84E-08	2.39E-08	3.79E-08	6.68E-09	3.77E-08	2.11E-07
3877	494863.09	3852877.25	2.93E-04	2.86E-04	2.82E-04	1.01E-07	3.06E-07	1.77E-07	1.73E-07	1.57E-07	7.15E-08	7.06E-08	3.39E-09	8.18E-08	1.80E-08	2.35E-08	3.72E-08	6.56E-09	3.70E-08	2.08E-07
3878	495363.09	3852877.25	2.81E-04	2.74E-04	2.70E-04	9.72E-08	2.94E-07	1.70E-07	1.66E-07	1.50E-07	6.86E-08	6.77E-08	3.25E-09	7.84E-08	1.73E-08	2.25E-08	3.57E-08	6.30E-09	3.55E-08	1.99E-07
3879	495863.09	3852877.25	2.70E-04	2.63E-04	2.60E-04	9.34E-08	2.82E-07	1.63E-07	1.59E-07	1.44E-07	6.59E-08	6.50E-08	3.12E-09	7.53E-08	1.66E-08	2.16E-08	3.43E-08	6.04E-09	3.41E-08	1.91E-07
3880	496363.09	3852877.25	2.64E-04	2.57E-04	2.54E-04	9.13E-08	2.76E-07	1.60E-07	1.56E-07	1.41E-07	6.44E-08	6.36E-08	3.05E-09	7.37E-08	1.63E-08	2.12E-08	3.36E-08	5.91E-09	3.34E-08	1.87E-07
3881	496863.09	3852877.25	2.55E-04	2.49E-04	2.46E-04	8.83E-08	2.67E-07	1.54E-07	1.51E-07	1.37E-07	6.23E-08	6.15E-08	2.95E-09	7.12E-08	1.57E-08	2.05E-08	3.24E-08	5.72E-09	3.23E-08	1.81E-07
3882	497363.09	3852877.25	2.36E-04	2.31E-04	2.28E-04	8.19E-08	2.47E-07	1.43E-07	1.40E-07	1.27E-07	5.78E-08	5.70E-08	2.73E-09	6.60E-08	1.46E-08	1.90E-08	3.01E-08	5.30E-09	2.99E-08	1.68E-07
3883	497863.09	3852877.25	2.07E-04	2.02E-04	2.00E-04	7.18E-08	2.17E-07	1.26E-07	1.22E-07	1.11E-07	5.07E-08	5.00E-08	2.40E-09	5.79E-08	1.28E-08	1.66E-08	2.64E-08	4.65E-09	2.62E-08	1.47E-07
3884	498363.09	3852877.25	2.01E-04	1.96E-04	1.93E-04	6.95E-08	2.10E-07	1.21E-07	1.19E-07	1.07E-07	4.90E-08	4.84E-08	2.32E-09	5.61E-08	1.24E-08	1.61E-08	2.55E-08	4.50E-09	2.54E-08	1.42E-07
3885	471363.09	3853377.25	1.30E-04	1.27E-04	1.25E-04	4.51E-08	1.36E-07	7.88E-08	7.69E-08	6.97E-08	3.18E-08	3.14E-08	1.51E-09	3.64E-08	8.03E-09	1.04E-08	1.66E-08	2.92E-09	1.65E-08	9.23E-08
3886	471863.09	3853377.25	1.36E-04	1.33E-04	1.31E-04	4.72E-08	1.43E-07	8.26E-08	8.06E-08	7.31E-08	3.33E-08	3.29E-08	1.58E-09	3.81E-08	8.41E-09	1.09E-08	1.74E-08	3.06E-09	1.73E-08	9.67E-08
3887	472363.09	3853377.25	1.42E-04	1.39E-04	1.37E-04	4.93E-08	1.49E-07	8.61E-08	8.40E-08	7.62E-08	3.48E-08	3.43E-08	1.64E-09	3.97E-08	8.77E-09	1.14E-08	1.81E-08	3.19E-09	1.80E-08	1.01E-07
3888	472863.09	3853377.25	1.49E-04	1.45E-04	1.43E-04	5.14E-08	1.55E-07	8.99E-08	8.77E-08	7.95E-08	3.63E-08	3.58E-08	1.72E-09	4.15E-08	9.15E-09	1.19E-08	1.89E-08	3.33E-09	1.88E-08	1.05E-07
3889	473363.09	3853377.25	1.54E-04	1.50E-04	1.48E-04	5.33E-08	1.61E-07	9.31E-08	9.09E-08	8.24E-08	3.76E-08	3.71E-08	1.78E-09	4.30E-08	9.48E-09	1.23E-08	1.96E-08	3.45E-09	1.95E-08	1.09E-07
3890	473863.09	3853377.25	1.60E-04	1.56E-04	1.54E-04	5.53E-08	1.67E-07	9.66E-08	9.43E-08	8.55E-08	3.90E-08	3.85E-08	1.85E-09	4.46E-08	9.84E-09	1.28E-08	2.03E-08	3.58E-09	2.02E-08	1.13E-07
3891	474363.09	3853377.25	1.65E-04	1.61E-04	1.59E-04	5.72E-08	1.73E-07	9.99E-08	9.75E-08	8.84E-08	4.03E-08	3.98E-08	1.91E-09	4.61E-08	1.02E-08	1.32E-08	2.10E-08	3.70E-09	2.09E-08	1.17E-07
3892	474863.09	3853377.25	1.66E-04	1.62E-04	1.59E-04	5.73E-08	1.73E-07	1.00E-07	9.77E-08	8.86E-08	4.04E-08	3.99E-08	1.91E-09	4.62E-08	1.02E-08	1.33E-08	2.11E-08	3.71E-09	2.09E-08	1.17E-07
3893	475363.09	3853377.25	1.70E-04	1.66E-04	1.63E-04	5.87E-08	1.77E-07	1.03E-07	1.00E-07	9.08E-08	4.14E-08	4.09E-08	1.96E-09	4.74E-08	1.05E-08	1.36E-08	2.16E-08	3.80E-09	2.15E-08	1.20E-07
3894	475863.09	3853377.25	1.74E-04	1.70E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.03E-07	9.33E-08	4.26E-08	4.20E-08	2.01E-09	4.87E-08	1.07E-08	1.40E-08	2.22E-08	3.91E-09	2.20E-08	1.23E-07
3895	476363.09	3853377.25	1.73E-04	1.68E-04	1.66E-04	5.97E-08	1.80E-07	1.04E-07	1.02E-07	9.24E-08	4.21E-08	4.16E-08	2.00E-09	4.82E-08	1.06E-08	1.38E-08	2.19E-08	3.87E-09	2.18E-08	1.22E-07
3896	476863.09	3853377.25	1.66E-04	1.62E-04	1.60E-04	5.76E-08	1.74E-07	1.01E-07	9.82E-08	8.90E-08	4.06E-08	4.01E-08	1.92E-09	4.65E-08	1.03E-08	1.33E-08	2.12E-08	3.73E-09	2.10E-08	1.18E-07
3897	477363.09	3853377.25	1.71E-04	1.66E-04	1.64E-04	5.90E-08	1.78E-07	1.03E-07	1.01E-07	9.13E-08	4.16E-08	4.11E-08	1.97E-09	4.76E-08	1.05E-08	1.37E-08	2.17E-08	3.82E-09	2.16E-08	1.21E-07
3898	477863.09	3853377.25	1.75E-04	1.71E-04	1.69E-04	6.07E-08	1.83E-07	1.06E-07	1.04E-07	9.39E-08	4.29E-08	4.23E-08	2.03E-09	4.90E-08	1.08E-08	1.41E-08	2.23E-08	3.93E-09	2.22E-08	1.24E-07

3899	478363.09	3853377.25	1.70E-04	1.66E-04	1.63E-04	5.87E-08	1.77E-07	1.03E-07	1.00E-07	9.08E-08	4.14E-08	4.09E-08	1.96E-09	4.74E-08	1.05E-08	1.36E-08	2.16E-08	3.80E-09	2.15E-08	1.20E-07
3900	478863.09	3853377.25	1.63E-04	1.59E-04	1.57E-04	5.64E-08	1.70E-07	9.87E-08	9.63E-08	8.73E-08	3.98E-08	3.93E-08	1.88E-09	4.55E-08	1.00E-08	1.31E-08	2.07E-08	3.65E-09	2.06E-08	1.16E-07
3901	479363.09	3853377.25	2.03E-04	1.98E-04	1.95E-04	7.02E-08	2.12E-07	1.23E-07	1.20E-07	1.09E-07	4.95E-08	4.89E-08	2.35E-09	5.66E-08	1.25E-08	1.63E-08	2.58E-08	4.55E-09	2.57E-08	1.44E-07
3902	479863.09	3853377.25	2.55E-04	2.49E-04	2.45E-04	8.82E-08	2.66E-07	1.54E-07	1.50E-07	1.36E-07	6.22E-08	6.14E-08	2.94E-09	7.11E-08	1.57E-08	2.04E-08	3.24E-08	5.71E-09	3.22E-08	1.81E-07
3903	480363.09	3853377.25	3.52E-04	3.43E-04	3.39E-04	1.22E-07	3.68E-07	2.13E-07	2.08E-07	1.88E-07	8.59E-08	8.48E-08	4.07E-09	9.82E-08	2.17E-08	2.82E-08	4.47E-08	7.89E-09	4.45E-08	2.49E-07
3904	480863.09	3853377.25	3.77E-04	3.68E-04	3.63E-04	1.30E-07	3.94E-07	2.28E-07	2.22E-07	2.02E-07	9.20E-08	9.08E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.44E-09	4.76E-08	2.67E-07
3905	481363.09	3853377.25	5.42E-04	5.29E-04	5.22E-04	1.88E-07	5.66E-07	3.28E-07	3.20E-07	2.90E-07	1.32E-07	1.31E-07	6.26E-09	1.51E-07	3.34E-08	4.34E-08	6.89E-08	1.21E-08	6.85E-08	3.84E-07
3906	481863.09	3853377.25	8.42E-04	8.22E-04	8.11E-04	2.92E-07	8.80E-07	5.10E-07	4.97E-07	4.51E-07	2.06E-07	2.03E-07	9.74E-09	2.35E-07	5.19E-08	6.75E-08	1.07E-07	1.89E-08	1.07E-07	5.97E-07
3907	482363.09	3853377.25	1.64E-03	1.60E-03	1.58E-03	5.69E-07	1.72E-06	9.95E-07	9.71E-07	8.80E-07	4.02E-07	3.96E-07	1.90E-08	4.59E-07	1.01E-07	1.32E-07	2.09E-07	3.69E-08	2.08E-07	1.17E-06
3908	482863.09	3853377.25	1.13E-02	1.10E-02	1.08E-02	3.90E-06	1.18E-05	6.82E-06	6.65E-06	6.03E-06	2.75E-06	2.72E-06	1.30E-07	3.15E-06	6.94E-07	9.03E-07	1.43E-06	2.53E-07	1.42E-06	7.98E-06
3909	483363.09	3853377.25	2.19E-03	2.13E-03	2.11E-03	7.57E-07	2.29E-06	1.32E-06	1.29E-06	1.17E-06	5.34E-07	5.27E-07	2.53E-08	6.11E-07	1.35E-07	1.75E-07	2.78E-07	4.90E-08	2.77E-07	1.55E-06
3910	483863.09	3853377.25	1.30E-03	1.27E-03	1.25E-03	4.51E-07	1.36E-06	7.88E-07	7.69E-07	6.97E-07	3.18E-07	3.14E-07	1.51E-08	3.64E-07	8.02E-08	1.04E-07	1.66E-07	2.92E-08	1.65E-07	9.23E-07
3911	484363.09	3853377.25	1.01E-03	9.85E-04	9.72E-04	3.50E-07	1.06E-06	6.11E-07	5.96E-07	5.40E-07	2.47E-07	2.43E-07	1.17E-08	2.82E-07	6.22E-08	8.10E-08	1.28E-07	2.26E-08	1.28E-07	7.16E-07
3912	484863.09	3853377.25	7.48E-04	7.30E-04	7.21E-04	2.59E-07	7.82E-07	4.53E-07	4.42E-07	4.01E-07	1.83E-07	1.80E-07	8.65E-09	2.09E-07	4.61E-08	6.00E-08	9.52E-08	1.68E-08	9.47E-08	5.30E-07
3913	485363.09	3853377.25	5.74E-04	5.60E-04	5.53E-04	1.99E-07	6.00E-07	3.47E-07	3.39E-07	3.07E-07	1.40E-07	1.38E-07	6.64E-09	1.60E-07	3.54E-08	4.60E-08	7.30E-08	1.29E-08	7.26E-08	4.07E-07
3914	485863.09	3853377.25	4.80E-04	4.69E-04	4.63E-04	1.66E-07	5.02E-07	2.91E-07	2.84E-07	2.57E-07	1.17E-07	1.16E-07	5.55E-09	1.34E-07	2.96E-08	3.85E-08	6.11E-08	1.08E-08	6.08E-08	3.40E-07
3915	486363.09	3853377.25	4.59E-04	4.48E-04	4.42E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.31E-09	1.28E-07	2.83E-08	3.68E-08	5.84E-08	1.03E-08	5.81E-08	3.25E-07
3916	486863.09	3853377.25	4.35E-04	4.24E-04	4.19E-04	1.51E-07	4.54E-07	2.63E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.03E-09	1.21E-07	2.68E-08	3.49E-08	5.53E-08	9.74E-09	5.50E-08	3.08E-07
3917	487363.09	3853377.25	4.24E-04	4.14E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.27E-07	1.04E-07	1.02E-07	4.91E-09	1.19E-07	2.61E-08	3.40E-08	5.40E-08	9.51E-09	5.37E-08	3.01E-07
3918	487863.09	3853377.25	4.11E-04	4.01E-04	3.96E-04	1.42E-07	4.30E-07	2.49E-07	2.43E-07	2.20E-07	1.00E-07	9.91E-08	4.75E-09	1.15E-07	2.53E-08	3.30E-08	5.23E-08	9.21E-09	5.20E-08	2.91E-07
3919	488363.09	3853377.25	4.03E-04	3.94E-04	3.88E-04	1.40E-07	4.21E-07	2.44E-07	2.38E-07	2.16E-07	9.85E-08	9.72E-08	4.66E-09	1.13E-07	2.48E-08	3.23E-08	5.13E-08	9.04E-09	5.10E-08	2.86E-07
3920	488863.09	3853377.25	3.87E-04	3.78E-04	3.73E-04	1.34E-07	4.05E-07	2.34E-07	2.29E-07	2.07E-07	9.46E-08	9.34E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.68E-09	4.90E-08	2.75E-07
3921	489363.09	3853377.25	3.74E-04	3.65E-04	3.60E-04	1.29E-07	3.91E-07	2.26E-07	2.21E-07	2.00E-07	9.13E-08	9.01E-08	4.32E-09	1.04E-07	2.30E-08	3.00E-08	4.75E-08	8.38E-09	4.73E-08	2.65E-07
3922	489863.09	3853377.25	3.58E-04	3.49E-04	3.45E-04	1.24E-07	3.74E-07	2.17E-07	2.11E-07	1.92E-07	8.74E-08	8.63E-08	4.14E-09	1.00E-07	2.21E-08	2.87E-08	4.55E-08	8.02E-09	4.53E-08	2.54E-07
3923	490363.09	3853377.25	3.57E-04	3.49E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.72E-08	8.61E-08	4.13E-09	9.97E-08	2.20E-08	2.86E-08	4.54E-08	8.01E-09	4.52E-08	2.53E-07
3924	490863.09	3853377.25	3.53E-04	3.44E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.08E-07	1.89E-07	8.61E-08	8.50E-08	4.08E-09	9.85E-08	2.17E-08	2.83E-08	4.48E-08	7.90E-09	4.46E-08	2.50E-07
3925	491363.09	3853377.25	3.48E-04	3.39E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.49E-08	8.38E-08	4.02E-09	9.71E-08	2.14E-08	2.79E-08	4.42E-08	7.79E-09	4.40E-08	2.46E-07
3926	491863.09	3853377.25	3.41E-04	3.33E-04	3.29E-04	1.18E-07	3.57E-07	2.07E-07	2.02E-07	1.83E-07	8.34E-08	8.23E-08	3.95E-09	9.53E-08	2.10E-08	2.74E-08	4.34E-08	7.65E-09	4.32E-08	2.42E-07
3927	492363.09	3853377.25	3.40E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.31E-08	8.20E-08	3.93E-09	9.50E-08	2.10E-08	2.73E-08	4.33E-08	7.62E-09	4.30E-08	2.41E-07
3928	492863.09	3853377.25	3.39E-04	3.30E-04	3.26E-04	1.17E-07	3.54E-07	2.05E-07	2.00E-07	1.81E-07	8.27E-08	8.16E-08	3.91E-09	9.45E-08	2.09E-08	2.71E-08	4.31E-08	7.59E-09	4.28E-08	2.40E-07
3929	493363.09	3853377.25	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.12E-08	8.01E-08	3.84E-09	9.28E-08	2.05E-08	2.66E-08	4.23E-08	7.45E-09	4.20E-08	2.35E-07
3930	493863.09	3853377.25	3.25E-04	3.17E-04	3.13E-04	1.12E-07	3.40E-07	1.97E-07	1.92E-07	1.74E-07	7.93E-08	7.83E-08	3.76E-09	9.07E-08	2.00E-08	2.60E-08	4.13E-08	7.28E-09	4.11E-08	2.30E-07
3931	494363.09	3853377.25	3.13E-04	3.06E-04	3.02E-04	1.08E-07	3.27E-07	1.90E-07	1.85E-07	1.68E-07	7.65E-08	7.55E-08	3.62E-09	8.75E-08	1.93E-08	2.51E-08	3.98E-08	7.02E-09	3.96E-08	2.22E-07
3932	494863.09	3853377.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.82E-07	1.77E-07	1.61E-07	7.34E-08	7.24E-08	3.47E-09	8.39E-08	1.85E-08	2.41E-08	3.82E-08	6.73E-09	3.80E-08	2.13E-07
3933	495363.09	3853377.25	2.92E-04	2.85E-04	2.82E-04	1.01E-07	3.06E-07	1.77E-07	1.73E-07	1.57E-07	7.14E-08	7.05E-08	3.38E-09	8.17E-08	1.80E-08	2.34E-08	3.72E-08	6.56E-09	3.70E-08	2.07E-07
3934	495863.09	3853377.25	2.82E-04	2.75E-04	2.71E-04	9.75E-08	2.94E-07	1.70E-07	1.66E-07	1.51E-07	6.88E-08	6.79E-08	3.26E-09	7.87E-08	1.74E-08	2.26E-08	3.58E-08	6.31E-09	3.56E-08	2.00E-07
3935	496363.09	3853377.25	2.68E-04	2.62E-04	2.58E-04	9.29E-08	2.81E-07	1.62E-07	1.58E-07	1.44E-07	6.56E-08	6.47E-08	3.10E-09	7.49E-08	1.65E-08	2.15E-08	3.41E-08	6.02E-09	3.39E-08	1.90E-07
3936	496863.09	3853377.25	2.51E-04	2.45E-04	2.41E-04	8.67E-08	2.62E-07	1.52E-07	1.48E-07	1.34E-07	6.12E-08	6.04E-08	2.90E-09	7.00E-08	1.54E-08	2.01E-08	3.19E-08	5.62E-09	3.17E-08	1.78E-07
3937	497363.09	3853377.25	2.29E-04	2.23E-04	2.21E-04	7.93E-08	2.39E-07	1.39E-07	1.35E-07	1.23E-07	5.59E-08	5.52E-08	2.65E-09	6.39E-08	1.41E-08	1.84E-08	2.91E-08	5.13E-09	2.90E-08	1.62E-07
3938	497863.09	3853377.25	1.93E-04	1.88E-04	1.85E-04	6.66E-08	2.01E-07	1.16E-07	1.14E-07	1.03E-07	4.70E-08	4.64E-08	2.23E-09	5.38E-08	1.19E-08	1.54E-08	2.45E-08	4.31E-09	2.43E-08	1.36E-07
3939	498363.09	3853377.25	1.75E-04	1.70E-04	1.68E-04	6.05E-08	1.83E-07	1.06E-07	1.03E-07	9.35E-08	4.27E-08	4.21E-08	2.02E-09	4.88E-08	1.08E-08	1.40E-08	2.22E-08	3.91E-09	2.21E-08	1.24E-07
3940	471363.09	3853877.25	1.25E-04	1.22E-04	1.21E-04	4.34E-08	1.31E-07	7.58E-08	7.40E-08	6.71E-08	3.06E-08	3.02E-08	1.45E-09	3.50E-08	7.72E-09	1.00E-08	1.59E-08	2.81E-09	1.58E-08	8.88E-08
3941	471863.09	3853877.25	1.32E-04	1.28E-04	1.27E-04	4.55E-08	1.37E-07	7.96E-08	7.77E-08	7.04E-08	3.21E-08	3.17E-08	1.52E-09	3.67E-08	8.10E-09	1.05E-08	1.67E-08	2.95E-09	1.66E-08	9.32E-08
3942	472363.09	3853877.25	1.36E-04	1.32E-04	1.31E-04	4.70E-08	1.42E-07	8.21E-08	8.01E-08	7.26E-08	3.31E-08	3.27E-08	1.57E-09	3.79E-08	8.36E-09	1.09E-08	1.73E-08	3.04E-09	1.72E-08	9.61E-08
3943	472863.09	3853877.25	1.41E-04	1.38E-04	1.36E-04	4.88E-08	1.47E-07	8.54E-08	8.33E-08	7.55E-08	3.44E-08	3.40E-08	1.63E-09	3.94E-08	8.69E-09	1.13E-08	1.79E-08	3.16E-09	1.78E-08	1.00E-07
3944	473363.09	3853877.25	1.44E-04	1.41E-04	1.39E-04	5.00E-08	1.51E-07	8.74E-08	8.52E-08	7.73E-08	3.53E-08	3.48E-08	1.67E-09	4.03E-08	8.90E-09	1.16E-08	1.84E-08	3.24E-09	1.83E-08	1.02E-07
3945	473863.09	3853877.25	1.48E-04	1.45E-04	1.43E-04	5.13E-08	1.55E-07	8.96E-08	8.75E-08	7.93E-08	3.62E-08	3.57E-08	1.71E-09	4.14E-08	9.13E-09	1.19E-08	1.88E-08	3.32E-09	1.87E-08	1.05E-07
3946	474363.09	3853877.25	1.53E-04	1.49E-04	1.47E-04	5.30E-08	1.60E-07	9.26E-08	9.04E-08	8.19E-08	3.74E-08	3.69E-08	1.77E-09	4.27E-08	9.43E-09	1.23E-08	1.95E-08	3.43E-09	1.94E-08	1.08E-07
3947	474863.09	3853877.25	1.57E-04	1.53E-04	1.51E-04	5.43E-08	1.64E-07	9.49E-08	9.26E-08	8.39E-08	3.83E-08	3.78E-08	1.81E-09	4.38E-08	9.66E-09	1.26E-08	1.99E-08	3.51E-09	1.98E-08	1.11E-07
3948	475363.09	3853877.25	1.56E-04	1.52E-04	1.50E-04	5.40E-08	1.63E-07	9.44E-08	9.21E-08	8.35E-08	3.81E-08	3.76E-08	1.80E-09	4.36E-08	9.61E-09	1.25E-08	1.98E-08	3.50E-09	1.97E-08	1.11E-07
3949	475863.09	3853877.25	1.50E-04	1.47E-04	1.45E-04	5.20E-08	1.57E-07	9.09E-08	8.87E-08	8.04E-08	3.67E-08	3.62E-08	1.74E-09	4.19E-08	9.25E-09	1.20E-08	1.91E-08	3.37E-09	1.90E-08	1.06E-07
3950	476363.09	3853877.25	1.46E-04	1.42E-04	1.40E-04	5.04E-08	1.52E-07	8.81E-08	8.60E-08	7.79E-08	3.56E-08	3.51E-08	1.68E-09	4.07E-08	8.97E-09	1.17E-08	1.85E-08	3.26E-09	1.84E-08	1.03E-07
3951	476863.09	3853877.25	1.39E-04	1.36E-04	1.34E-04	4.81E-08	1.45E-07	8.41E-08	8.21E-08	7.44E-08	3.39E-08	3.35E-08	1.61E-09	3.88E-08	8.56E-09	1.11E-08	1.77E-08	3.11E-09	1.76E-08	9.85E-08
3952	477363.09	3853877.25	1.48E-04	1.44E-04	1.42E-04	5.11E-08	1.54E-07	8.94E-08	8.72E-08	7.91E-08	3.61E-08	3.56E-08	1.71E-09	4.12E-08	9.10E-09	1.18E-08	1.88E-08	3.31E-09	1.87E-08	1.05E-07
3953	477863.09	3853877.25	1.58E-04	1.54E-04	1.52E-04	5.47E-08	1.65E-07	9.56E-08	9.33E-08	8.46E-08	3.86E-08	3.81E-08	1.83E-09	4.41E-08	9.74E-09	1.27E-08	2.01E-08	3.54E-09	2.00E-08	1.12E-07

3954	478363.09	3853877.25	1.63E-04	1.60E-04	1.57E-04	5.66E-08	1.71E-07	9.89E-08	9.65E-08	8.75E-08	3.99E-08	3.94E-08	1.89E-09	4.56E-08	1.01E-08	1.31E-08	2.08E-08	3.66E-09	2.07E-08	1.16E-07
3955	478863.09	3853877.25	1.51E-04	1.47E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	8.89E-08	8.06E-08	3.68E-08	3.63E-08	1.74E-09	4.21E-08	9.28E-09	1.21E-08	1.92E-08	3.38E-09	1.90E-08	1.07E-07
3956	479363.09	3853877.25	1.71E-04	1.67E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.01E-07	9.17E-08	4.18E-08	4.13E-08	1.98E-09	4.78E-08	1.06E-08	1.37E-08	2.18E-08	3.84E-09	2.17E-08	1.21E-07
3957	479863.09	3853877.25	2.23E-04	2.17E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.32E-07	1.19E-07	5.44E-08	5.37E-08	2.58E-09	6.22E-08	1.37E-08	1.79E-08	2.83E-08	4.99E-09	2.82E-08	1.58E-07
3958	480363.09	3853877.25	2.77E-04	2.70E-04	2.67E-04	9.59E-08	2.90E-07	1.68E-07	1.64E-07	1.48E-07	6.77E-08	6.68E-08	3.20E-09	7.74E-08	1.71E-08	2.22E-08	3.52E-08	6.21E-09	3.50E-08	1.96E-07
3959	480863.09	3853877.25	3.75E-04	3.66E-04	3.61E-04	1.30E-07	3.92E-07	2.27E-07	2.21E-07	2.01E-07	9.15E-08	9.03E-08	4.33E-09	1.05E-07	2.31E-08	3.00E-08	4.76E-08	8.40E-09	4.74E-08	2.65E-07
3960	481363.09	3853877.25	4.82E-04	4.70E-04	4.64E-04	1.67E-07	5.03E-07	2.91E-07	2.84E-07	2.58E-07	1.18E-07	1.16E-07	5.57E-09	1.34E-07	2.97E-08	3.86E-08	6.13E-08	1.08E-08	6.09E-08	3.41E-07
3961	481863.09	3853877.25	6.91E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.26E-08	5.54E-08	8.78E-08	1.55E-08	8.74E-08	4.89E-07
3962	482363.09	3853877.25	1.17E-03	1.14E-03	1.13E-03	4.06E-07	1.23E-06	7.10E-07	6.93E-07	6.28E-07	2.87E-07	2.83E-07	1.36E-08	3.28E-07	7.23E-08	9.41E-08	1.49E-07	2.63E-08	1.48E-07	8.31E-07
3963	482863.09	3853877.25	1.43E-02	1.39E-02	1.37E-02	4.94E-06	1.49E-05	8.63E-06	8.43E-06	7.64E-06	3.48E-06	3.44E-06	1.65E-07	3.98E-06	8.79E-07	1.14E-06	1.81E-06	3.20E-07	1.80E-06	1.01E-05
3964	483363.09	3853877.25	3.12E-03	3.05E-03	3.01E-03	1.08E-06	3.26E-06	1.89E-06	1.84E-06	1.67E-06	7.63E-07	7.53E-07	3.61E-08	8.72E-07	1.92E-07	2.50E-07	3.97E-07	7.00E-08	3.95E-07	2.21E-06
3965	483863.09	3853877.25	1.75E-03	1.70E-03	1.68E-03	6.04E-07	1.82E-06	1.06E-06	1.03E-06	9.34E-07	4.26E-07	4.21E-07	2.02E-08	4.87E-07	1.08E-07	1.40E-07	2.22E-07	3.91E-08	2.21E-07	1.24E-06
3966	484363.09	3853877.25	1.16E-03	1.13E-03	1.12E-03	4.02E-07	1.22E-06	7.03E-07	6.86E-07	6.22E-07	2.84E-07	2.80E-07	1.34E-08	3.25E-07	7.16E-08	9.32E-08	1.48E-07	2.61E-08	1.47E-07	8.24E-07
3967	484863.09	3853877.25	8.29E-04	8.09E-04	7.98E-04	2.87E-07	8.66E-07	5.02E-07	4.89E-07	4.44E-07	2.02E-07	2.00E-07	9.58E-09	2.31E-07	5.11E-08	6.65E-08	1.05E-07	1.86E-08	1.05E-07	5.87E-07
3968	485363.09	3853877.25	5.96E-04	5.81E-04	5.74E-04	2.06E-07	6.23E-07	3.60E-07	3.52E-07	3.19E-07	1.45E-07	1.44E-07	6.89E-09	1.66E-07	3.67E-08	4.78E-08	7.58E-08	1.34E-08	7.53E-08	4.22E-07
3969	485863.09	3853877.25	5.56E-04	5.43E-04	5.36E-04	1.93E-07	5.82E-07	3.37E-07	3.28E-07	2.98E-07	1.36E-07	1.34E-07	6.43E-09	1.55E-07	3.43E-08	4.46E-08	7.08E-08	1.25E-08	7.04E-08	3.94E-07
3970	486363.09	3853877.25	5.12E-04	4.99E-04	4.93E-04	1.77E-07	5.35E-07	3.10E-07	3.02E-07	2.74E-07	1.25E-07	1.23E-07	5.91E-09	1.43E-07	3.15E-08	4.10E-08	6.51E-08	1.15E-08	6.47E-08	3.62E-07
3971	486863.09	3853877.25	4.76E-04	4.64E-04	4.58E-04	1.65E-07	4.97E-07	2.88E-07	2.81E-07	2.55E-07	1.16E-07	1.15E-07	5.50E-09	1.33E-07	2.93E-08	3.81E-08	6.05E-08	1.07E-08	6.02E-08	3.37E-07
3972	487363.09	3853877.25	4.64E-04	4.53E-04	4.47E-04	1.61E-07	4.85E-07	2.81E-07	2.74E-07	2.48E-07	1.13E-07	1.12E-07	5.37E-09	1.30E-07	2.86E-08	3.72E-08	5.90E-08	1.04E-08	5.87E-08	3.29E-07
3973	487863.09	3853877.25	4.68E-04	4.57E-04	4.51E-04	1.62E-07	4.89E-07	2.83E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.41E-09	1.31E-07	2.88E-08	3.75E-08	5.95E-08	1.05E-08	5.92E-08	3.32E-07
3974	488363.09	3853877.25	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
3975	488863.09	3853877.25	4.51E-04	4.40E-04	4.34E-04	1.56E-07	4.71E-07	2.73E-07	2.66E-07	2.41E-07	1.10E-07	1.09E-07	5.21E-09	1.26E-07	2.78E-08	3.61E-08	5.73E-08	1.01E-08	5.70E-08	3.19E-07
3976	489363.09	3853877.25	4.22E-04	4.12E-04	4.07E-04	1.46E-07	4.41E-07	2.56E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.39E-08	5.37E-08	9.47E-09	5.34E-08	2.99E-07
3977	489863.09	3853877.25	4.12E-04	4.02E-04	3.96E-04	1.42E-07	4.30E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.92E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.23E-08	9.22E-09	5.20E-08	2.92E-07
3978	490363.09	3853877.25	3.95E-04	3.85E-04	3.80E-04	1.37E-07	4.12E-07	2.39E-07	2.33E-07	2.11E-07	9.64E-08	9.51E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.02E-08	8.84E-09	4.99E-08	2.80E-07
3979	490863.09	3853877.25	3.84E-04	3.75E-04	3.70E-04	1.33E-07	4.02E-07	2.32E-07	2.27E-07	2.06E-07	9.38E-08	9.26E-08	4.44E-09	1.07E-07	2.37E-08	3.08E-08	4.89E-08	8.61E-09	4.86E-08	2.72E-07
3980	491363.09	3853877.25	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.28E-07	2.22E-07	2.01E-07	9.19E-08	9.07E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.43E-09	4.76E-08	2.67E-07
3981	491863.09	3853877.25	3.69E-04	3.60E-04	3.55E-04	1.28E-07	3.85E-07	2.23E-07	2.18E-07	1.97E-07	9.01E-08	8.89E-08	4.26E-09	1.03E-07	2.27E-08	2.96E-08	4.69E-08	8.27E-09	4.66E-08	2.61E-07
3982	492363.09	3853877.25	3.67E-04	3.58E-04	3.54E-04	1.27E-07	3.84E-07	2.22E-07	2.17E-07	1.97E-07	8.97E-08	8.85E-08	4.24E-09	1.03E-07	2.26E-08	2.94E-08	4.67E-08	8.23E-09	4.64E-08	2.60E-07
3983	492863.09	3853877.25	3.61E-04	3.53E-04	3.48E-04	1.25E-07	3.78E-07	2.19E-07	2.13E-07	1.93E-07	8.83E-08	8.71E-08	4.18E-09	1.01E-07	2.23E-08	2.90E-08	4.60E-08	8.10E-09	4.57E-08	2.56E-07
3984	493363.09	3853877.25	3.50E-04	3.42E-04	3.37E-04	1.21E-07	3.66E-07	2.12E-07	2.07E-07	1.87E-07	8.55E-08	8.44E-08	4.05E-09	9.78E-08	2.16E-08	2.81E-08	4.45E-08	7.85E-09	4.43E-08	2.48E-07
3985	493863.09	3853877.25	3.38E-04	3.30E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.25E-08	8.14E-08	3.90E-09	9.43E-08	2.08E-08	2.71E-08	4.29E-08	7.57E-09	4.27E-08	2.39E-07
3986	494363.09	3853877.25	3.28E-04	3.20E-04	3.16E-04	1.14E-07	3.43E-07	1.99E-07	1.94E-07	1.76E-07	8.01E-08	7.91E-08	3.79E-09	9.16E-08	2.02E-08	2.63E-08	4.17E-08	7.36E-09	4.15E-08	2.33E-07
3987	494863.09	3853877.25	3.15E-04	3.08E-04	3.04E-04	1.09E-07	3.30E-07	1.91E-07	1.86E-07	1.69E-07	7.70E-08	7.60E-08	3.64E-09	8.80E-08	1.94E-08	2.53E-08	4.01E-08	7.07E-09	3.99E-08	2.23E-07
3988	495363.09	3853877.25	2.93E-04	2.86E-04	2.82E-04	1.02E-07	3.07E-07	1.77E-07	1.73E-07	1.57E-07	7.16E-08	7.07E-08	3.39E-09	8.19E-08	1.81E-08	2.35E-08	3.73E-08	6.57E-09	3.71E-08	2.08E-07
3989	495863.09	3853877.25	2.75E-04	2.68E-04	2.65E-04	9.52E-08	2.87E-07	1.66E-07	1.62E-07	1.47E-07	6.72E-08	6.63E-08	3.18E-09	7.68E-08	1.69E-08	2.21E-08	3.50E-08	6.16E-09	3.48E-08	1.95E-07
3990	496363.09	3853877.25	2.63E-04	2.56E-04	2.53E-04	9.09E-08	2.74E-07	1.59E-07	1.55E-07	1.41E-07	6.41E-08	6.33E-08	3.04E-09	7.33E-08	1.62E-08	2.11E-08	3.34E-08	5.89E-09	3.32E-08	1.86E-07
3991	496863.09	3853877.25	2.42E-04	2.36E-04	2.33E-04	8.39E-08	2.53E-07	1.47E-07	1.43E-07	1.30E-07	5.92E-08	5.84E-08	2.80E-09	6.77E-08	1.49E-08	1.94E-08	3.08E-08	5.43E-09	3.06E-08	1.72E-07
3992	497363.09	3853877.25	2.25E-04	2.20E-04	2.17E-04	7.80E-08	2.35E-07	1.36E-07	1.33E-07	1.21E-07	5.50E-08	5.43E-08	2.60E-09	6.29E-08	1.39E-08	1.81E-08	2.86E-08	5.05E-09	2.85E-08	1.60E-07
3993	497863.09	3853877.25	2.03E-04	1.98E-04	1.96E-04	7.04E-08	2.12E-07	1.23E-07	1.20E-07	1.09E-07	4.96E-08	4.90E-08	2.35E-09	5.68E-08	1.25E-08	1.63E-08	2.59E-08	4.56E-09	2.57E-08	1.44E-07
3994	498363.09	3853877.25	1.90E-04	1.85E-04	1.83E-04	6.56E-08	1.98E-07	1.15E-07	1.12E-07	1.01E-07	4.63E-08	4.57E-08	2.19E-09	5.29E-08	1.17E-08	1.52E-08	2.41E-08	4.25E-09	2.40E-08	1.34E-07
3995	471363.09	3854377.25	1.21E-04	1.18E-04	1.17E-04	4.19E-08	1.27E-07	7.33E-08	7.15E-08	6.48E-08	2.96E-08	2.92E-08	1.40E-09	3.38E-08	7.46E-09	9.71E-09	1.54E-08	2.72E-09	1.53E-08	8.58E-08
3996	471863.09	3854377.25	1.27E-04	1.24E-04	1.22E-04	4.39E-08	1.33E-07	7.68E-08	7.50E-08	6.79E-08	3.10E-08	3.06E-08	1.47E-09	3.54E-08	7.82E-09	1.02E-08	1.61E-08	2.85E-09	1.61E-08	9.00E-08
3997	472363.09	3854377.25	1.31E-04	1.28E-04	1.26E-04	4.54E-08	1.37E-07	7.93E-08	7.74E-08	7.02E-08	3.20E-08	3.16E-08	1.52E-09	3.66E-08	8.08E-09	1.05E-08	1.67E-08	2.94E-09	1.66E-08	9.29E-08
3998	472863.09	3854377.25	1.34E-04	1.31E-04	1.29E-04	4.64E-08	1.40E-07	8.11E-08	7.91E-08	7.17E-08	3.27E-08	3.23E-08	1.55E-09	3.74E-08	8.26E-09	1.07E-08	1.70E-08	3.00E-09	1.69E-08	9.50E-08
3999	473363.09	3854377.25	1.39E-04	1.35E-04	1.33E-04	4.80E-08	1.45E-07	8.38E-08	8.18E-08	7.42E-08	3.38E-08	3.34E-08	1.60E-09	3.87E-08	8.54E-09	1.11E-08	1.76E-08	3.11E-09	1.75E-08	9.82E-08
4000	473863.09	3854377.25	1.44E-04	1.40E-04	1.39E-04	4.98E-08	1.50E-07	8.71E-08	8.50E-08	7.71E-08	3.52E-08	3.47E-08	1.66E-09	4.02E-08	8.87E-09	1.15E-08	1.83E-08	3.23E-09	1.82E-08	1.02E-07
4001	474363.09	3854377.25	1.48E-04	1.45E-04	1.43E-04	5.13E-08	1.55E-07	8.96E-08	8.75E-08	7.93E-08	3.62E-08	3.57E-08	1.71E-09	4.14E-08	9.13E-09	1.19E-08	1.88E-08	3.32E-09	1.87E-08	1.05E-07
4002	474863.09	3854377.25	1.46E-04	1.42E-04	1.40E-04	5.04E-08	1.52E-07	8.81E-08	8.60E-08	7.79E-08	3.56E-08	3.51E-08	1.68E-09	4.07E-08	8.97E-09	1.17E-08	1.85E-08	3.26E-09	1.84E-08	1.03E-07
4003	475363.09	3854377.25	1.39E-04	1.36E-04	1.34E-04	4.81E-08	1.45E-07	8.41E-08	8.21E-08	7.44E-08	3.39E-08	3.35E-08	1.61E-09	3.88E-08	8.56E-09	1.11E-08	1.77E-08	3.11E-09	1.76E-08	9.85E-08
4004	475863.09	3854377.25	1.25E-04	1.22E-04	1.20E-04	4.32E-08	1.31E-07	7.56E-08	7.37E-08	6.68E-08	3.05E-08	3.01E-08	1.44E-09	3.49E-08	7.69E-09	1.00E-08	1.59E-08	2.80E-09	1.58E-08	8.85E-08
4005	476363.09	3854377.25	1.25E-04	1.22E-04	1.21E-04	4.34E-08	1.31E-07	7.58E-08	7.40E-08	6.71E-08	3.06E-08	3.02E-08	1.45E-09	3.50E-08	7.72E-09	1.00E-08	1.59E-08	2.81E-09	1.58E-08	8.88E-08
4006	476863.09	3854377.25	1.28E-04	1.25E-04	1.23E-04	4.44E-08	1.34E-07	7.76E-08	7.57E-08	6.86E-08	3.13E-08	3.09E-08	1.48E-09	3.58E-08	7.90E-09	1.03E-08	1.63E-08	2.87E-09	1.62E-08	9.08E-08
4007	477363.09	3854377.25	1.32E-04	1.29E-04	1.27E-04	4.58E-08	1.38E-07	8.01E-08	7.81E-08	7.08E-08	3.23E-08	3.19E-08	1.53E-09	3.70E-08	8.15E-09	1.06E-08	1.68E-08	2.97E-09	1.67E-08	9.38E-08
4008	477863.09	3854377.25	1.38E-04	1.34E-04	1.33E-04	4.77E-08	1.44E-07	8.33E-08	8.13E-08	7.37E-08	3.36E-08	3.32E-08	1.59E-09	3.85E-08	8.49E-09	1.10E-08	1.75E-08	3.09E-09	1.74E-08	9.76E-08

4009	478363.09	3854377.25	1.48E-04	1.45E-04	1.43E-04	5.13E-08	1.55E-07	8.96E-08	8.75E-08	7.93E-08	3.62E-08	3.57E-08	1.71E-09	4.14E-08	9.13E-09	1.19E-08	1.88E-08	3.32E-09	1.87E-08	1.05E-07
4010	478863.09	3854377.25	1.55E-04	1.51E-04	1.49E-04	5.37E-08	1.62E-07	9.39E-08	9.16E-08	8.30E-08	3.79E-08	3.74E-08	1.79E-09	4.33E-08	9.56E-09	1.24E-08	1.97E-08	3.48E-09	1.96E-08	1.10E-07
4011	479363.09	3854377.25	1.80E-04	1.76E-04	1.73E-04	6.23E-08	1.88E-07	1.09E-07	1.06E-07	9.64E-08	4.40E-08	4.34E-08	2.08E-09	5.03E-08	1.11E-08	1.44E-08	2.29E-08	4.04E-09	2.28E-08	1.28E-07
4012	479863.09	3854377.25	2.01E-04	1.96E-04	1.94E-04	6.97E-08	2.10E-07	1.22E-07	1.19E-07	1.08E-07	4.91E-08	4.85E-08	2.33E-09	5.62E-08	1.24E-08	1.61E-08	2.56E-08	4.51E-09	2.54E-08	1.43E-07
4013	480363.09	3854377.25	2.40E-04	2.34E-04	2.31E-04	8.32E-08	2.51E-07	1.45E-07	1.42E-07	1.29E-07	5.87E-08	5.79E-08	2.78E-09	6.71E-08	1.48E-08	1.93E-08	3.05E-08	5.38E-09	3.04E-08	1.70E-07
4014	480863.09	3854377.25	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.83E-07	1.66E-07	7.56E-08	7.46E-08	3.58E-09	8.64E-08	1.91E-08	2.48E-08	3.94E-08	6.94E-09	3.91E-08	2.19E-07
4015	481363.09	3854377.25	4.06E-04	3.96E-04	3.91E-04	1.41E-07	4.25E-07	2.46E-07	2.40E-07	2.17E-07	9.92E-08	9.79E-08	4.70E-09	1.13E-07	2.50E-08	3.26E-08	5.17E-08	9.10E-09	5.14E-08	2.88E-07
4016	481863.09	3854377.25	5.91E-04	5.77E-04	5.69E-04	2.05E-07	6.18E-07	3.58E-07	3.49E-07	3.16E-07	1.44E-07	1.42E-07	6.83E-09	1.65E-07	3.64E-08	4.74E-08	7.52E-08	1.33E-08	7.48E-08	4.19E-07
4017	482363.09	3854377.25	9.07E-04	8.85E-04	8.73E-04	3.14E-07	9.48E-07	5.49E-07	5.35E-07	4.85E-07	2.21E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.27E-08	1.15E-07	2.03E-08	1.15E-07	6.43E-07
4018	482863.09	3854377.25	9.07E-03	8.85E-03	8.73E-03	3.14E-06	9.48E-06	5.49E-06	5.35E-06	4.85E-06	2.21E-06	2.19E-06	1.05E-07	2.53E-06	5.59E-07	7.27E-07	1.15E-06	2.03E-07	1.15E-06	6.43E-06
4019	483363.09	3854377.25	3.81E-03	3.72E-03	3.67E-03	1.32E-06	3.99E-06	2.31E-06	2.25E-06	2.04E-06	9.32E-07	9.19E-07	4.41E-08	1.07E-06	2.35E-07	3.06E-07	4.85E-07	8.55E-08	4.82E-07	2.70E-06
4020	483863.09	3854377.25	4.49E-03	4.38E-03	4.32E-03	1.55E-06	4.69E-06	2.72E-06	2.65E-06	2.40E-06	1.10E-06	1.08E-06	5.19E-08	1.25E-06	2.77E-07	3.60E-07	5.71E-07	1.01E-07	5.68E-07	3.18E-06
4021	484363.09	3854377.25	1.74E-03	1.70E-03	1.68E-03	6.03E-07	1.82E-06	1.05E-06	1.03E-06	9.33E-07	4.26E-07	4.20E-07	2.02E-08	4.87E-07	1.07E-07	1.40E-07	2.22E-07	3.91E-08	2.20E-07	1.24E-06
4022	484863.09	3854377.25	1.05E-03	1.02E-03	1.01E-03	3.62E-07	1.09E-06	6.34E-07	6.18E-07	5.60E-07	2.56E-07	2.52E-07	1.21E-08	2.92E-07	6.45E-08	8.39E-08	1.33E-07	2.35E-08	1.32E-07	7.42E-07
4023	485363.09	3854377.25	9.41E-04	9.19E-04	9.06E-04	3.26E-07	9.84E-07	5.70E-07	5.56E-07	5.04E-07	2.30E-07	2.27E-07	1.09E-08	2.63E-07	5.80E-08	7.55E-08	1.20E-07	2.11E-08	1.19E-07	6.67E-07
4024	485863.09	3854377.25	7.19E-04	7.02E-04	6.93E-04	2.49E-07	7.52E-07	4.35E-07	4.25E-07	3.85E-07	1.76E-07	1.73E-07	8.32E-09	2.01E-07	4.43E-08	5.77E-08	9.15E-08	1.61E-08	9.10E-08	5.10E-07
4025	486363.09	3854377.25	6.46E-04	6.30E-04	6.22E-04	2.23E-07	6.75E-07	3.91E-07	3.81E-07	3.46E-07	1.58E-07	1.56E-07	7.46E-09	1.80E-07	3.98E-08	5.17E-08	8.21E-08	1.45E-08	8.16E-08	4.57E-07
4026	486863.09	3854377.25	5.63E-04	5.49E-04	5.42E-04	1.95E-07	5.88E-07	3.41E-07	3.32E-07	3.01E-07	1.37E-07	1.36E-07	6.51E-09	1.57E-07	3.47E-08	4.51E-08	7.16E-08	1.26E-08	7.12E-08	3.99E-07
4027	487363.09	3854377.25	5.36E-04	5.23E-04	5.16E-04	1.85E-07	5.60E-07	3.24E-07	3.16E-07	2.87E-07	1.31E-07	1.29E-07	6.19E-09	1.50E-07	3.30E-08	4.29E-08	6.81E-08	1.20E-08	6.77E-08	3.80E-07
4028	487863.09	3854377.25	5.31E-04	5.18E-04	5.11E-04	1.84E-07	5.55E-07	3.21E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.75E-08	1.19E-08	6.72E-08	3.76E-07
4029	488363.09	3854377.25	5.16E-04	5.04E-04	4.97E-04	1.79E-07	5.39E-07	3.12E-07	3.05E-07	2.76E-07	1.26E-07	1.24E-07	5.97E-09	1.44E-07	3.18E-08	4.14E-08	6.56E-08	1.16E-08	6.53E-08	3.66E-07
4030	488863.09	3854377.25	4.98E-04	4.86E-04	4.79E-04	1.72E-07	5.20E-07	3.01E-07	2.94E-07	2.66E-07	1.22E-07	1.20E-07	5.75E-09	1.39E-07	3.07E-08	3.99E-08	6.33E-08	1.12E-08	6.30E-08	3.53E-07
4031	489363.09	3854377.25	4.78E-04	4.66E-04	4.60E-04	1.65E-07	5.00E-07	2.89E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.83E-08	6.08E-08	1.07E-08	6.04E-08	3.39E-07
4032	489863.09	3854377.25	4.57E-04	4.46E-04	4.40E-04	1.58E-07	4.77E-07	2.76E-07	2.70E-07	2.44E-07	1.12E-07	1.10E-07	5.28E-09	1.28E-07	2.81E-08	3.66E-08	5.81E-08	1.02E-08	5.78E-08	3.24E-07
4033	490363.09	3854377.25	4.36E-04	4.25E-04	4.19E-04	1.51E-07	4.55E-07	2.64E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.04E-09	1.22E-07	2.68E-08	3.49E-08	5.54E-08	9.76E-09	5.51E-08	3.09E-07
4034	490863.09	3854377.25	3.89E-04	3.79E-04	3.74E-04	1.35E-07	4.06E-07	2.35E-07	2.30E-07	2.08E-07	9.49E-08	9.37E-08	4.49E-09	1.09E-07	2.40E-08	3.12E-08	4.94E-08	8.71E-09	4.92E-08	2.75E-07
4035	491363.09	3854377.25	3.95E-04	3.86E-04	3.81E-04	1.37E-07	4.13E-07	2.39E-07	2.33E-07	2.12E-07	9.66E-08	9.53E-08	4.57E-09	1.10E-07	2.44E-08	3.17E-08	5.03E-08	8.86E-09	5.00E-08	2.80E-07
4036	491863.09	3854377.25	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.12E-07	9.69E-08	9.56E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.89E-09	5.02E-08	2.81E-07
4037	492363.09	3854377.25	3.90E-04	3.81E-04	3.76E-04	1.35E-07	4.08E-07	2.36E-07	2.31E-07	2.09E-07	9.53E-08	9.41E-08	4.51E-09	1.09E-07	2.41E-08	3.13E-08	4.96E-08	8.75E-09	4.94E-08	2.77E-07
4038	492863.09	3854377.25	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.25E-08	9.13E-08	4.38E-09	1.06E-07	2.33E-08	3.04E-08	4.82E-08	8.49E-09	4.79E-08	2.68E-07
4039	493363.09	3854377.25	3.65E-04	3.56E-04	3.52E-04	1.26E-07	3.82E-07	2.21E-07	2.16E-07	1.95E-07	8.92E-08	8.80E-08	4.22E-09	1.02E-07	2.25E-08	2.93E-08	4.64E-08	8.18E-09	4.62E-08	2.59E-07
4040	493863.09	3854377.25	3.51E-04	3.43E-04	3.38E-04	1.22E-07	3.67E-07	2.13E-07	2.07E-07	1.88E-07	8.58E-08	8.47E-08	4.06E-09	9.81E-08	2.17E-08	2.82E-08	4.47E-08	7.88E-09	4.44E-08	2.49E-07
4041	494363.09	3854377.25	3.39E-04	3.30E-04	3.26E-04	1.17E-07	3.54E-07	2.05E-07	2.00E-07	1.81E-07	8.27E-08	8.16E-08	3.91E-09	9.45E-08	2.09E-08	2.71E-08	4.31E-08	7.59E-09	4.28E-08	2.40E-07
4042	494863.09	3854377.25	3.07E-04	3.00E-04	2.96E-04	1.06E-07	3.21E-07	1.86E-07	1.81E-07	1.64E-07	7.50E-08	7.40E-08	3.55E-09	8.57E-08	1.89E-08	2.46E-08	3.90E-08	6.88E-09	3.88E-08	2.18E-07
4043	495363.09	3854377.25	2.74E-04	2.67E-04	2.64E-04	9.48E-08	2.86E-07	1.66E-07	1.62E-07	1.47E-07	6.69E-08	6.60E-08	3.17E-09	7.65E-08	1.69E-08	2.20E-08	3.48E-08	6.14E-09	3.46E-08	1.94E-07
4044	495863.09	3854377.25	2.52E-04	2.46E-04	2.42E-04	8.72E-08	2.63E-07	1.52E-07	1.49E-07	1.35E-07	6.15E-08	6.07E-08	2.91E-09	7.03E-08	1.55E-08	2.02E-08	3.20E-08	5.64E-09	3.18E-08	1.78E-07
4045	496363.09	3854377.25	2.40E-04	2.34E-04	2.31E-04	8.32E-08	2.51E-07	1.45E-07	1.42E-07	1.29E-07	5.87E-08	5.79E-08	2.78E-09	6.71E-08	1.48E-08	1.93E-08	3.05E-08	5.38E-09	3.04E-08	1.70E-07
4046	496863.09	3854377.25	2.27E-04	2.21E-04	2.18E-04	7.84E-08	2.37E-07	1.37E-07	1.34E-07	1.21E-07	5.53E-08	5.46E-08	2.62E-09	6.32E-08	1.40E-08	1.82E-08	2.88E-08	5.08E-09	2.86E-08	1.61E-07
4047	497363.09	3854377.25	2.05E-04	2.00E-04	1.98E-04	7.11E-08	2.15E-07	1.24E-07	1.21E-07	1.10E-07	5.02E-08	4.95E-08	2.37E-09	5.73E-08	1.27E-08	1.65E-08	2.61E-08	4.60E-09	2.60E-08	1.46E-07
4048	497863.09	3854377.25	2.07E-04	2.02E-04	1.99E-04	7.17E-08	2.16E-07	1.25E-07	1.22E-07	1.11E-07	5.06E-08	4.99E-08	2.39E-09	5.78E-08	1.28E-08	1.66E-08	2.63E-08	4.64E-09	2.62E-08	1.47E-07
4049	498363.09	3854377.25	1.95E-04	1.91E-04	1.88E-04	6.76E-08	2.04E-07	1.18E-07	1.15E-07	1.05E-07	4.77E-08	4.71E-08	2.26E-09	5.46E-08	1.20E-08	1.57E-08	2.48E-08	4.38E-09	2.47E-08	1.38E-07
4050	471363.09	3854877.25	1.19E-04	1.17E-04	1.15E-04	4.14E-08	1.25E-07	7.23E-08	7.05E-08	6.40E-08	2.92E-08	2.88E-08	1.38E-09	3.34E-08	7.36E-09	9.58E-09	1.52E-08	2.68E-09	1.51E-08	8.47E-08
4051	471863.09	3854877.25	1.24E-04	1.21E-04	1.19E-04	4.28E-08	1.29E-07	7.48E-08	7.30E-08	6.62E-08	3.02E-08	2.98E-08	1.43E-09	3.45E-08	7.62E-09	9.91E-09	1.57E-08	2.77E-09	1.56E-08	8.76E-08
4052	472363.09	3854877.25	1.27E-04	1.24E-04	1.22E-04	4.39E-08	1.33E-07	7.68E-08	7.50E-08	6.79E-08	3.10E-08	3.06E-08	1.47E-09	3.54E-08	7.82E-09	1.02E-08	1.61E-08	2.85E-09	1.61E-08	9.00E-08
4053	472863.09	3854877.25	1.28E-04	1.25E-04	1.23E-04	4.42E-08	1.34E-07	7.73E-08	7.54E-08	6.84E-08	3.12E-08	3.08E-08	1.48E-09	3.57E-08	7.87E-09	1.02E-08	1.63E-08	2.86E-09	1.62E-08	9.05E-08
4054	473363.09	3854877.25	1.33E-04	1.30E-04	1.28E-04	4.60E-08	1.39E-07	8.03E-08	7.84E-08	7.11E-08	3.24E-08	3.20E-08	1.53E-09	3.71E-08	8.18E-09	1.06E-08	1.69E-08	2.98E-09	1.68E-08	9.41E-08
4055	473863.09	3854877.25	1.38E-04	1.34E-04	1.33E-04	4.77E-08	1.44E-07	8.33E-08	8.13E-08	7.37E-08	3.36E-08	3.32E-08	1.59E-09	3.85E-08	8.49E-09	1.10E-08	1.75E-08	3.09E-09	1.74E-08	9.76E-08
4056	474363.09	3854877.25	1.44E-04	1.41E-04	1.39E-04	5.00E-08	1.51E-07	8.74E-08	8.52E-08	7.73E-08	3.53E-08	3.48E-08	1.67E-09	4.03E-08	8.90E-09	1.16E-08	1.84E-08	3.24E-09	1.83E-08	1.02E-07
4057	474863.09	3854877.25	1.34E-04	1.31E-04	1.29E-04	4.65E-08	1.40E-07	8.13E-08	7.94E-08	7.19E-08	3.28E-08	3.24E-08	1.55E-09	3.75E-08	8.28E-09	1.08E-08	1.71E-08	3.01E-09	1.70E-08	9.53E-08
4058	475363.09	3854877.25	1.24E-04	1.21E-04	1.19E-04	4.28E-08	1.29E-07	7.48E-08	7.30E-08	6.62E-08	3.02E-08	2.98E-08	1.43E-09	3.45E-08	7.62E-09	9.91E-09	1.57E-08	2.77E-09	1.56E-08	8.76E-08
4059	475863.09	3854877.25	1.16E-04	1.13E-04	1.11E-04	4.01E-08	1.21E-07	7.00E-08	6.83E-08	6.20E-08	2.83E-08	2.79E-08	1.34E-09	3.23E-08	7.13E-09	9.28E-09	1.47E-08	2.59E-09	1.46E-08	8.20E-08
4060	476363.09	3854877.25	1.06E-04	1.03E-04	1.02E-04	3.66E-08	1.11E-07	6.40E-08	6.25E-08	5.66E-08	2.58E-08	2.55E-08	1.22E-09	2.95E-08	6.52E-09	8.48E-09	1.35E-08	2.37E-09	1.34E-08	7.50E-08
4061	476863.09	3854877.25	1.08E-04	1.05E-04	1.04E-04	3.73E-08	1.13E-07	6.53E-08	6.37E-08	5.77E-08	2.63E-08	2.60E-08	1.25E-09	3.01E-08	6.65E-09	8.65E-09	1.37E-08	2.42E-09	1.36E-08	7.64E-08
4062	477363.09	3854877.25	1.17E-04	1.15E-04	1.13E-04	4.06E-08	1.23E-07	7.10E-08	6.93E-08	6.28E-08	2.87E-08	2.83E-08	1.36E-09	3.28E-08	7.23E-09	9.41E-09	1.49E-08	2.63E-09	1.48E-08	8.32E-08
4063	477863.09	3854877.25	1.27E-04	1.24E-04	1.23E-04	4.41E-08	1.33E-07	7.71E-08	7.52E-08	6.82E-08	3.11E-08	3.07E-08	1.47E-09	3.56E-08	7.85E-09	1.02E-08	1.62E-08	2.85E-09	1.61E-08	9.03E-08

4064	478363.09	3854877.25	1.44E-04	1.40E-04	1.39E-04	4.98E-08	1.50E-07	8.71E-08	8.50E-08	7.71E-08	3.52E-08	3.47E-08	1.66E-09	4.02E-08	8.87E-09	1.15E-08	1.83E-08	3.23E-09	1.82E-08	1.02E-07
4065	478863.09	3854877.25	1.66E-04	1.62E-04	1.59E-04	5.73E-08	1.73E-07	1.00E-07	9.77E-08	8.86E-08	4.04E-08	3.99E-08	1.91E-09	4.62E-08	1.02E-08	1.33E-08	2.11E-08	3.71E-09	2.09E-08	1.17E-07
4066	479363.09	3854877.25	1.89E-04	1.84E-04	1.82E-04	6.53E-08	1.97E-07	1.14E-07	1.11E-07	1.01E-07	4.61E-08	4.55E-08	2.18E-09	5.27E-08	1.16E-08	1.51E-08	2.40E-08	4.23E-09	2.39E-08	1.34E-07
4067	479863.09	3854877.25	2.16E-04	2.11E-04	2.08E-04	7.47E-08	2.25E-07	1.31E-07	1.27E-07	1.15E-07	5.27E-08	5.20E-08	2.49E-09	6.02E-08	1.33E-08	1.73E-08	2.74E-08	4.84E-09	2.73E-08	1.53E-07
4068	480363.09	3854877.25	2.43E-04	2.37E-04	2.34E-04	8.40E-08	2.54E-07	1.47E-07	1.43E-07	1.30E-07	5.93E-08	5.85E-08	2.81E-09	6.78E-08	1.50E-08	1.95E-08	3.09E-08	5.44E-09	3.07E-08	1.72E-07
4069	480863.09	3854877.25	2.98E-04	2.91E-04	2.87E-04	1.03E-07	3.12E-07	1.80E-07	1.76E-07	1.60E-07	7.29E-08	7.19E-08	3.45E-09	8.33E-08	1.84E-08	2.39E-08	3.79E-08	6.69E-09	3.77E-08	2.11E-07
4070	481363.09	3854877.25	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
4071	481863.09	3854877.25	4.05E-04	3.96E-04	3.90E-04	1.40E-07	4.24E-07	2.45E-07	2.39E-07	2.17E-07	9.90E-08	9.77E-08	4.69E-09	1.13E-07	2.50E-08	3.25E-08	5.15E-08	9.08E-09	5.13E-08	2.87E-07
4072	482363.09	3854877.25	6.71E-04	6.55E-04	6.46E-04	2.32E-07	7.02E-07	4.06E-07	3.96E-07	3.59E-07	1.64E-07	1.62E-07	7.76E-09	1.87E-07	4.14E-08	5.38E-08	8.54E-08	1.50E-08	8.49E-08	4.76E-07
4073	482863.09	3854877.25	1.33E-03	1.30E-03	1.28E-03	4.60E-07	1.39E-06	8.04E-07	7.85E-07	7.11E-07	3.25E-07	3.20E-07	1.54E-08	3.71E-07	8.19E-08	1.07E-07	1.69E-07	2.98E-08	1.68E-07	9.42E-07
4074	483363.09	3854877.25	5.29E-03	5.17E-03	5.10E-03	1.83E-06	5.53E-06	3.20E-06	3.13E-06	2.83E-06	1.29E-06	1.28E-06	6.12E-08	1.48E-06	3.26E-07	4.24E-07	6.73E-07	1.19E-07	6.70E-07	3.75E-06
4075	483863.09	3854877.25	2.06E-03	2.01E-03	1.99E-03	7.14E-07	2.16E-06	1.25E-06	1.22E-06	1.10E-06	5.04E-07	4.97E-07	2.39E-08	5.76E-07	1.27E-07	1.65E-07	2.62E-07	4.63E-08	2.61E-07	1.46E-06
4076	484363.09	3854877.25	5.97E-03	5.82E-03	5.74E-03	2.07E-06	6.24E-06	3.61E-06	3.52E-06	3.19E-06	1.46E-06	1.44E-06	6.90E-08	1.67E-06	3.68E-07	4.78E-07	7.59E-07	1.34E-07	7.54E-07	4.23E-06
4077	484863.09	3854877.25	3.89E-03	3.79E-03	3.74E-03	1.35E-06	4.06E-06	2.35E-06	2.30E-06	2.08E-06	9.50E-07	9.37E-07	4.49E-08	1.09E-06	2.40E-07	3.12E-07	4.94E-07	8.71E-08	4.92E-07	2.76E-06
4078	485363.09	3854877.25	1.69E-03	1.65E-03	1.63E-03	5.86E-07	1.77E-06	1.02E-06	9.99E-07	9.06E-07	4.13E-07	4.08E-07	1.96E-08	4.72E-07	1.04E-07	1.36E-07	2.15E-07	3.79E-08	2.14E-07	1.20E-06
4079	485863.09	3854877.25	1.13E-03	1.10E-03	1.09E-03	3.91E-07	1.18E-06	6.84E-07	6.67E-07	6.05E-07	2.76E-07	2.72E-07	1.31E-08	3.15E-07	6.96E-08	9.06E-08	1.44E-07	2.53E-08	1.43E-07	8.01E-07
4080	486363.09	3854877.25	8.68E-04	8.47E-04	8.36E-04	3.00E-07	9.07E-07	5.25E-07	5.12E-07	4.65E-07	2.12E-07	2.09E-07	1.00E-08	2.42E-07	5.35E-08	6.96E-08	1.10E-07	1.95E-08	1.10E-07	6.15E-07
4081	486863.09	3854877.25	7.24E-04	7.06E-04	6.97E-04	2.51E-07	7.57E-07	4.38E-07	4.27E-07	3.87E-07	1.77E-07	1.74E-07	8.37E-09	2.02E-07	4.46E-08	5.80E-08	9.21E-08	1.62E-08	9.16E-08	5.13E-07
4082	487363.09	3854877.25	6.52E-04	6.36E-04	6.28E-04	2.26E-07	6.81E-07	3.94E-07	3.85E-07	3.49E-07	1.59E-07	1.57E-07	7.53E-09	1.82E-07	4.02E-08	5.22E-08	8.29E-08	1.46E-08	8.24E-08	4.62E-07
4083	487863.09	3854877.25	6.02E-04	5.88E-04	5.80E-04	2.09E-07	6.30E-07	3.64E-07	3.56E-07	3.22E-07	1.47E-07	1.45E-07	6.96E-09	1.68E-07	3.71E-08	4.83E-08	7.66E-08	1.35E-08	7.62E-08	4.27E-07
4084	488363.09	3854877.25	5.73E-04	5.59E-04	5.51E-04	1.98E-07	5.98E-07	3.46E-07	3.38E-07	3.06E-07	1.40E-07	1.38E-07	6.62E-09	1.60E-07	3.53E-08	4.59E-08	7.28E-08	1.28E-08	7.24E-08	4.06E-07
4085	488863.09	3854877.25	5.55E-04	5.41E-04	5.34E-04	1.92E-07	5.80E-07	3.36E-07	3.28E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.45E-08	7.05E-08	1.24E-08	7.02E-08	3.93E-07
4086	489363.09	3854877.25	5.31E-04	5.18E-04	5.11E-04	1.84E-07	5.55E-07	3.21E-07	3.13E-07	2.84E-07	1.30E-07	1.28E-07	6.13E-09	1.48E-07	3.27E-08	4.25E-08	6.75E-08	1.19E-08	6.71E-08	3.76E-07
4087	489863.09	3854877.25	4.96E-04	4.84E-04	4.78E-04	1.72E-07	5.19E-07	3.00E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.74E-09	1.39E-07	3.06E-08	3.98E-08	6.31E-08	1.11E-08	6.28E-08	3.52E-07
4088	490363.09	3854877.25	4.23E-04	4.13E-04	4.07E-04	1.46E-07	4.42E-07	2.56E-07	2.50E-07	2.26E-07	1.03E-07	1.02E-07	4.89E-09	1.18E-07	2.60E-08	3.39E-08	5.38E-08	9.48E-09	5.35E-08	3.00E-07
4089	490863.09	3854877.25	3.52E-04	3.44E-04	3.39E-04	1.22E-07	3.68E-07	2.13E-07	2.08E-07	1.89E-07	8.60E-08	8.49E-08	4.07E-09	9.83E-08	2.17E-08	2.82E-08	4.48E-08	7.89E-09	4.45E-08	2.50E-07
4090	491363.09	3854877.25	3.60E-04	3.51E-04	3.47E-04	1.25E-07	3.76E-07	2.18E-07	2.13E-07	1.93E-07	8.79E-08	8.68E-08	4.16E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.07E-09	4.55E-08	2.55E-07
4091	491863.09	3854877.25	4.21E-04	4.11E-04	4.05E-04	1.46E-07	4.40E-07	2.55E-07	2.49E-07	2.25E-07	1.03E-07	1.01E-07	4.87E-09	1.18E-07	2.59E-08	3.38E-08	5.36E-08	9.44E-09	5.33E-08	2.98E-07
4092	492363.09	3854877.25	4.14E-04	4.04E-04	3.99E-04	1.43E-07	4.33E-07	2.51E-07	2.44E-07	2.22E-07	1.01E-07	9.98E-08	4.79E-09	1.16E-07	2.55E-08	3.32E-08	5.27E-08	9.28E-09	5.24E-08	2.93E-07
4093	492863.09	3854877.25	3.98E-04	3.88E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.72E-08	9.59E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.92E-09	5.03E-08	2.82E-07
4094	493363.09	3854877.25	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.26E-08	9.14E-08	4.38E-09	1.06E-07	2.34E-08	3.04E-08	4.82E-08	8.50E-09	4.80E-08	2.69E-07
4095	493863.09	3854877.25	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
4096	494363.09	3854877.25	3.20E-04	3.13E-04	3.08E-04	1.11E-07	3.35E-07	1.94E-07	1.89E-07	1.71E-07	7.82E-08	7.72E-08	3.70E-09	8.94E-08	1.97E-08	2.57E-08	4.07E-08	7.18E-09	4.05E-08	2.27E-07
4097	494863.09	3854877.25	2.76E-04	2.69E-04	2.66E-04	9.55E-08	2.88E-07	1.67E-07	1.63E-07	1.48E-07	6.74E-08	6.65E-08	3.19E-09	7.70E-08	1.70E-08	2.21E-08	3.51E-08	6.18E-09	3.49E-08	1.96E-07
4098	495363.09	3854877.25	2.48E-04	2.42E-04	2.39E-04	8.59E-08	2.59E-07	1.50E-07	1.46E-07	1.33E-07	6.06E-08	5.98E-08	2.87E-09	6.93E-08	1.53E-08	1.99E-08	3.16E-08	5.56E-09	3.14E-08	1.76E-07
4099	495863.09	3854877.25	2.33E-04	2.27E-04	2.24E-04	8.06E-08	2.43E-07	1.41E-07	1.37E-07	1.25E-07	5.68E-08	5.61E-08	2.69E-09	6.50E-08	1.43E-08	1.87E-08	2.96E-08	5.22E-09	2.94E-08	1.65E-07
4100	496363.09	3854877.25	2.12E-04	2.07E-04	2.04E-04	7.34E-08	2.22E-07	1.28E-07	1.25E-07	1.13E-07	5.18E-08	5.11E-08	2.45E-09	5.92E-08	1.31E-08	1.70E-08	2.70E-08	4.75E-09	2.68E-08	1.50E-07
4101	496863.09	3854877.25	2.00E-04	1.95E-04	1.92E-04	6.91E-08	2.09E-07	1.21E-07	1.18E-07	1.07E-07	4.87E-08	4.81E-08	2.31E-09	5.57E-08	1.23E-08	1.60E-08	2.54E-08	4.47E-09	2.52E-08	1.41E-07
4102	497363.09	3854877.25	1.96E-04	1.91E-04	1.89E-04	6.78E-08	2.05E-07	1.18E-07	1.16E-07	1.05E-07	4.78E-08	4.72E-08	2.26E-09	5.47E-08	1.21E-08	1.57E-08	2.49E-08	4.39E-09	2.48E-08	1.39E-07
4103	497863.09	3854877.25	2.02E-04	1.98E-04	1.95E-04	7.01E-08	2.12E-07	1.23E-07	1.20E-07	1.08E-07	4.94E-08	4.88E-08	2.34E-09	5.65E-08	1.25E-08	1.62E-08	2.57E-08	4.54E-09	2.56E-08	1.43E-07
4104	498363.09	3854877.25	2.00E-04	1.95E-04	1.92E-04	6.91E-08	2.09E-07	1.21E-07	1.18E-07	1.07E-07	4.87E-08	4.81E-08	2.31E-09	5.57E-08	1.23E-08	1.60E-08	2.54E-08	4.47E-09	2.52E-08	1.41E-07
4105	471363.09	3855377.25	1.17E-04	1.15E-04	1.13E-04	4.06E-08	1.23E-07	7.10E-08	6.93E-08	6.28E-08	2.87E-08	2.83E-08	1.36E-09	3.28E-08	7.23E-09	9.41E-09	1.49E-08	2.63E-09	1.48E-08	8.32E-08
4106	471863.09	3855377.25	1.20E-04	1.17E-04	1.15E-04	4.15E-08	1.25E-07	7.25E-08	7.08E-08	6.42E-08	2.93E-08	2.89E-08	1.39E-09	3.35E-08	7.39E-09	9.61E-09	1.52E-08	2.69E-09	1.52E-08	8.50E-08
4107	472363.09	3855377.25	1.24E-04	1.21E-04	1.19E-04	4.29E-08	1.30E-07	7.51E-08	7.32E-08	6.64E-08	3.03E-08	2.99E-08	1.43E-09	3.46E-08	7.64E-09	9.94E-09	1.58E-08	2.78E-09	1.57E-08	8.79E-08
4108	472863.09	3855377.25	1.26E-04	1.23E-04	1.21E-04	4.35E-08	1.31E-07	7.61E-08	7.42E-08	6.73E-08	3.07E-08	3.03E-08	1.45E-09	3.51E-08	7.75E-09	1.01E-08	1.60E-08	2.82E-09	1.59E-08	8.91E-08
4109	473363.09	3855377.25	1.32E-04	1.28E-04	1.27E-04	4.55E-08	1.37E-07	7.96E-08	7.77E-08	7.04E-08	3.21E-08	3.17E-08	1.52E-09	3.67E-08	8.10E-09	1.05E-08	1.67E-08	2.95E-09	1.66E-08	9.32E-08
4110	473863.09	3855377.25	1.36E-04	1.33E-04	1.31E-04	4.72E-08	1.43E-07	8.26E-08	8.06E-08	7.31E-08	3.33E-08	3.29E-08	1.58E-09	3.81E-08	8.41E-09	1.09E-08	1.74E-08	3.06E-09	1.73E-08	9.67E-08
4111	474363.09	3855377.25	1.41E-04	1.37E-04	1.35E-04	4.87E-08	1.47E-07	8.51E-08	8.30E-08	7.53E-08	3.43E-08	3.39E-08	1.63E-09	3.93E-08	8.67E-09	1.13E-08	1.79E-08	3.15E-09	1.78E-08	9.97E-08
4112	474863.09	3855377.25	1.32E-04	1.28E-04	1.27E-04	4.55E-08	1.37E-07	7.96E-08	7.77E-08	7.04E-08	3.21E-08	3.17E-08	1.52E-09	3.67E-08	8.10E-09	1.05E-08	1.67E-08	2.95E-09	1.66E-08	9.32E-08
4113	475363.09	3855377.25	1.05E-04	1.03E-04	1.01E-04	3.65E-08	1.10E-07	6.38E-08	6.22E-08	5.64E-08	2.57E-08	2.54E-08	1.22E-09	2.94E-08	6.49E-09	8.45E-09	1.34E-08	2.36E-09	1.33E-08	7.47E-08
4114	475863.09	3855377.25	1.00E-04	9.80E-05	9.67E-05	3.48E-08	1.05E-07	6.07E-08	5.93E-08	5.37E-08	2.45E-08	2.42E-08	1.16E-09	2.80E-08	6.19E-09	8.05E-09	1.28E-08	2.25E-09	1.27E-08	7.11E-08
4115	476363.09	3855377.25	1.07E-04	1.04E-04	1.03E-04	3.71E-08	1.12E-07	6.48E-08	6.32E-08	5.73E-08	2.61E-08	2.58E-08	1.24E-09	2.99E-08	6.59E-09	8.58E-09	1.36E-08	2.40E-09	1.35E-08	7.58E-08
4116	476863.09	3855377.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
4117	477363.09	3855377.25	1.15E-04	1.12E-04	1.11E-04	3.98E-08	1.20E-07	6.95E-08	6.79E-08	6.15E-08	2.81E-08	2.77E-08	1.33E-09	3.21E-08	7.08E-09	9.21E-09	1.46E-08	2.58E-09	1.45E-08	8.14E-08
4118	477863.09	3855377.25	1.27E-04	1.24E-04	1.23E-04	4.41E-08	1.33E-07	7.71E-08	7.52E-08	6.82E-08	3.11E-08	3.07E-08	1.47E-09	3.56E-08	7.85E-09	1.02E-08	1.62E-08	2.85E-09	1.61E-08	9.03E-08

4119	478363.09	3855377.25	1.42E-04	1.38E-04	1.37E-04	4.91E-08	1.48E-07	8.59E-08	8.38E-08	7.59E-08	3.47E-08	3.42E-08	1.64E-09	3.96E-08	8.74E-09	1.14E-08	1.80E-08	3.18E-09	1.79E-08	1.01E-07
4120	478863.09	3855377.25	1.58E-04	1.54E-04	1.52E-04	5.46E-08	1.65E-07	9.54E-08	9.31E-08	8.44E-08	3.85E-08	3.80E-08	1.82E-09	4.40E-08	9.71E-09	1.26E-08	2.00E-08	3.53E-09	1.99E-08	1.12E-07
4121	479363.09	3855377.25	1.78E-04	1.73E-04	1.71E-04	6.15E-08	1.86E-07	1.07E-07	1.05E-07	9.50E-08	4.34E-08	4.28E-08	2.05E-09	4.96E-08	1.09E-08	1.42E-08	2.26E-08	3.98E-09	2.25E-08	1.26E-07
4122	479863.09	3855377.25	2.00E-04	1.95E-04	1.92E-04	6.91E-08	2.09E-07	1.21E-07	1.18E-07	1.07E-07	4.87E-08	4.81E-08	2.31E-09	5.57E-08	1.23E-08	1.60E-08	2.54E-08	4.47E-09	2.52E-08	1.41E-07
4123	480363.09	3855377.25	2.36E-04	2.30E-04	2.27E-04	8.16E-08	2.46E-07	1.43E-07	1.39E-07	1.26E-07	5.76E-08	5.68E-08	2.72E-09	6.58E-08	1.45E-08	1.89E-08	3.00E-08	5.28E-09	2.98E-08	1.67E-07
4124	480863.09	3855377.25	2.86E-04	2.79E-04	2.75E-04	9.90E-08	2.99E-07	1.73E-07	1.69E-07	1.53E-07	6.98E-08	6.89E-08	3.30E-09	7.98E-08	1.76E-08	2.29E-08	3.64E-08	6.41E-09	3.62E-08	2.03E-07
4125	481363.09	3855377.25	3.49E-04	3.41E-04	3.36E-04	1.21E-07	3.65E-07	2.11E-07	2.06E-07	1.87E-07	8.53E-08	8.42E-08	4.04E-09	9.75E-08	2.15E-08	2.80E-08	4.44E-08	7.83E-09	4.42E-08	2.48E-07
4126	481863.09	3855377.25	4.20E-04	4.10E-04	4.04E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.85E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.41E-09	5.31E-08	2.98E-07
4127	482363.09	3855377.25	5.12E-04	5.00E-04	4.93E-04	1.77E-07	5.35E-07	3.10E-07	3.02E-07	2.74E-07	1.25E-07	1.23E-07	5.92E-09	1.43E-07	3.15E-08	4.10E-08	6.51E-08	1.15E-08	6.47E-08	3.63E-07
4128	482863.09	3855377.25	6.90E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.69E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.25E-08	5.53E-08	8.78E-08	1.55E-08	8.73E-08	4.89E-07
4129	483363.09	3855377.25	1.29E-03	1.26E-03	1.24E-03	4.47E-07	1.35E-06	7.82E-07	7.63E-07	6.91E-07	3.16E-07	3.11E-07	1.49E-08	3.61E-07	7.96E-08	1.04E-07	1.64E-07	2.90E-08	1.63E-07	9.15E-07
4130	483863.09	3855377.25	6.93E-03	6.76E-03	6.67E-03	2.40E-06	7.24E-06	4.19E-06	4.09E-06	3.71E-06	1.69E-06	1.67E-06	8.01E-08	1.93E-06	4.27E-07	5.55E-07	8.81E-07	1.55E-07	8.76E-07	4.91E-06
4131	484363.09	3855377.25	1.87E-03	1.83E-03	1.80E-03	6.48E-07	1.96E-06	1.13E-06	1.11E-06	1.00E-06	4.57E-07	4.51E-07	2.17E-08	5.23E-07	1.15E-07	1.50E-07	2.38E-07	4.20E-08	2.37E-07	1.33E-06
4132	484863.09	3855377.25	2.34E-03	2.28E-03	2.25E-03	8.10E-07	2.44E-06	1.42E-06	1.38E-06	1.25E-06	5.71E-07	5.64E-07	2.70E-08	6.53E-07	1.44E-07	1.88E-07	2.97E-07	5.24E-08	2.96E-07	1.66E-06
4133	485363.09	3855377.25	4.16E-03	4.06E-03	4.00E-03	1.44E-06	4.34E-06	2.52E-06	2.45E-06	2.22E-06	1.02E-06	1.00E-06	4.80E-08	1.16E-06	2.56E-07	3.33E-07	5.29E-07	9.32E-08	5.26E-07	2.95E-06
4134	485863.09	3855377.25	1.76E-03	1.72E-03	1.69E-03	6.09E-07	1.84E-06	1.06E-06	1.04E-06	9.42E-07	4.30E-07	4.24E-07	2.03E-08	4.91E-07	1.08E-07	1.41E-07	2.24E-07	3.94E-08	2.23E-07	1.25E-06
4135	486363.09	3855377.25	1.18E-03	1.15E-03	1.14E-03	4.09E-07	1.24E-06	7.15E-07	6.98E-07	6.33E-07	2.89E-07	2.85E-07	1.37E-08	3.30E-07	7.28E-08	9.48E-08	1.50E-07	2.65E-08	1.49E-07	8.38E-07
4136	486863.09	3855377.25	9.15E-04	8.93E-04	8.81E-04	3.17E-07	9.57E-07	5.54E-07	5.40E-07	4.90E-07	2.24E-07	2.21E-07	1.06E-08	2.56E-07	5.64E-08	7.34E-08	1.16E-07	2.05E-08	1.16E-07	6.49E-07
4137	487363.09	3855377.25	8.11E-04	7.91E-04	7.81E-04	2.81E-07	8.48E-07	4.91E-07	4.79E-07	4.34E-07	1.98E-07	1.95E-07	9.38E-09	2.26E-07	5.00E-08	6.50E-08	1.03E-07	1.82E-08	1.03E-07	5.75E-07
4138	487863.09	3855377.25	7.30E-04	7.12E-04	7.03E-04	2.53E-07	7.63E-07	4.42E-07	4.31E-07	3.91E-07	1.78E-07	1.76E-07	8.44E-09	2.04E-07	4.50E-08	5.85E-08	9.28E-08	1.64E-08	9.23E-08	5.17E-07
4139	488363.09	3855377.25	6.66E-04	6.50E-04	6.42E-04	2.31E-07	6.96E-07	4.03E-07	3.93E-07	3.57E-07	1.63E-07	1.61E-07	7.70E-09	1.86E-07	4.11E-08	5.34E-08	8.47E-08	1.49E-08	8.43E-08	4.72E-07
4140	488863.09	3855377.25	6.19E-04	6.04E-04	5.96E-04	2.14E-07	6.47E-07	3.74E-07	3.65E-07	3.31E-07	1.51E-07	1.49E-07	7.15E-09	1.73E-07	3.81E-08	4.96E-08	7.87E-08	1.39E-08	7.82E-08	4.38E-07
4141	489363.09	3855377.25	5.79E-04	5.65E-04	5.58E-04	2.00E-07	6.05E-07	3.50E-07	3.42E-07	3.10E-07	1.41E-07	1.40E-07	6.69E-09	1.62E-07	3.57E-08	4.64E-08	7.37E-08	1.30E-08	7.32E-08	4.10E-07
4142	489863.09	3855377.25	5.43E-04	5.30E-04	5.23E-04	1.88E-07	5.67E-07	3.28E-07	3.20E-07	2.90E-07	1.33E-07	1.31E-07	6.27E-09	1.52E-07	3.34E-08	4.35E-08	6.90E-08	1.22E-08	6.86E-08	3.85E-07
4143	490363.09	3855377.25	5.23E-04	5.10E-04	5.03E-04	1.81E-07	5.46E-07	3.16E-07	3.09E-07	2.80E-07	1.28E-07	1.26E-07	6.04E-09	1.46E-07	3.22E-08	4.19E-08	6.65E-08	1.17E-08	6.61E-08	3.70E-07
4144	490863.09	3855377.25	4.16E-04	4.06E-04	4.00E-04	1.44E-07	4.35E-07	2.52E-07	2.45E-07	2.22E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.33E-08	5.29E-08	9.32E-09	5.26E-08	2.95E-07
4145	491363.09	3855377.25	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.25E-08	9.13E-08	4.38E-09	1.06E-07	2.33E-08	3.04E-08	4.82E-08	8.49E-09	4.79E-08	2.68E-07
4146	491863.09	3855377.25	4.47E-04	4.36E-04	4.31E-04	1.55E-07	4.67E-07	2.71E-07	2.64E-07	2.39E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.76E-08	3.59E-08	5.69E-08	1.00E-08	5.66E-08	3.17E-07
4147	492363.09	3855377.25	4.36E-04	4.25E-04	4.19E-04	1.51E-07	4.55E-07	2.64E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	5.04E-09	1.22E-07	2.68E-08	3.49E-08	5.54E-08	9.76E-09	5.51E-08	3.09E-07
4148	492863.09	3855377.25	4.16E-04	4.06E-04	4.00E-04	1.44E-07	4.35E-07	2.52E-07	2.45E-07	2.22E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.33E-08	5.29E-08	9.32E-09	5.26E-08	2.95E-07
4149	493363.09	3855377.25	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.04E-07	2.34E-07	2.28E-07	2.07E-07	9.43E-08	9.31E-08	4.46E-09	1.08E-07	2.38E-08	3.10E-08	4.91E-08	8.66E-09	4.88E-08	2.74E-07
4150	493863.09	3855377.25	3.40E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.31E-08	8.20E-08	3.93E-09	9.50E-08	2.10E-08	2.73E-08	4.33E-08	7.62E-09	4.30E-08	2.41E-07
4151	494363.09	3855377.25	2.93E-04	2.86E-04	2.82E-04	1.01E-07	3.06E-07	1.77E-07	1.73E-07	1.57E-07	7.15E-08	7.06E-08	3.39E-09	8.18E-08	1.80E-08	2.35E-08	3.72E-08	6.56E-09	3.70E-08	2.08E-07
4152	494863.09	3855377.25	2.53E-04	2.47E-04	2.44E-04	8.76E-08	2.65E-07	1.53E-07	1.49E-07	1.35E-07	6.18E-08	6.10E-08	2.93E-09	7.07E-08	1.56E-08	2.03E-08	3.22E-08	5.67E-09	3.20E-08	1.79E-07
4153	495363.09	3855377.25	2.27E-04	2.21E-04	2.19E-04	7.86E-08	2.37E-07	1.37E-07	1.34E-07	1.21E-07	5.54E-08	5.47E-08	2.62E-09	6.34E-08	1.40E-08	1.82E-08	2.89E-08	5.09E-09	2.87E-08	1.61E-07
4154	495863.09	3855377.25	2.09E-04	2.04E-04	2.01E-04	7.22E-08	2.18E-07	1.26E-07	1.23E-07	1.12E-07	5.10E-08	5.03E-08	2.41E-09	5.83E-08	1.29E-08	1.67E-08	2.65E-08	4.68E-09	2.64E-08	1.48E-07
4155	496363.09	3855377.25	2.05E-04	2.00E-04	1.97E-04	7.08E-08	2.14E-07	1.24E-07	1.21E-07	1.09E-07	5.00E-08	4.93E-08	2.36E-09	5.71E-08	1.26E-08	1.64E-08	2.60E-08	4.58E-09	2.59E-08	1.45E-07
4156	496863.09	3855377.25	2.01E-04	1.96E-04	1.93E-04	6.95E-08	2.10E-07	1.21E-07	1.19E-07	1.07E-07	4.90E-08	4.84E-08	2.32E-09	5.61E-08	1.24E-08	1.61E-08	2.55E-08	4.50E-09	2.54E-08	1.42E-07
4157	497363.09	3855377.25	2.01E-04	1.96E-04	1.94E-04	6.97E-08	2.10E-07	1.22E-07	1.19E-07	1.08E-07	4.91E-08	4.85E-08	2.33E-09	5.62E-08	1.24E-08	1.61E-08	2.56E-08	4.51E-09	2.54E-08	1.43E-07
4158	497863.09	3855377.25	2.05E-04	2.00E-04	1.97E-04	7.08E-08	2.14E-07	1.24E-07	1.21E-07	1.09E-07	5.00E-08	4.93E-08	2.36E-09	5.71E-08	1.26E-08	1.64E-08	2.60E-08	4.58E-09	2.59E-08	1.45E-07
4159	498363.09	3855377.25	2.09E-04	2.04E-04	2.01E-04	7.24E-08	2.19E-07	1.27E-07	1.23E-07	1.12E-07	5.11E-08	5.04E-08	2.42E-09	5.84E-08	1.29E-08	1.68E-08	2.66E-08	4.69E-09	2.64E-08	1.48E-07
4160	471363.09	3855877.25	1.15E-04	1.12E-04	1.11E-04	3.98E-08	1.20E-07	6.95E-08	6.79E-08	6.15E-08	2.81E-08	2.77E-08	1.33E-09	3.21E-08	7.08E-09	9.21E-09	1.46E-08	2.58E-09	1.45E-08	8.14E-08
4161	471863.09	3855877.25	1.18E-04	1.15E-04	1.13E-04	4.08E-08	1.23E-07	7.13E-08	6.96E-08	6.31E-08	2.88E-08	2.84E-08	1.36E-09	3.29E-08	7.26E-09	9.45E-09	1.50E-08	2.64E-09	1.49E-08	8.35E-08
4162	472363.09	3855877.25	1.23E-04	1.20E-04	1.18E-04	4.25E-08	1.28E-07	7.43E-08	7.25E-08	6.57E-08	3.00E-08	2.96E-08	1.42E-09	3.43E-08	7.57E-09	9.84E-09	1.56E-08	2.75E-09	1.55E-08	8.70E-08
4163	472863.09	3855877.25	1.24E-04	1.21E-04	1.19E-04	4.28E-08	1.29E-07	7.48E-08	7.30E-08	6.62E-08	3.02E-08	2.98E-08	1.43E-09	3.45E-08	7.62E-09	9.91E-09	1.57E-08	2.77E-09	1.56E-08	8.76E-08
4164	473363.09	3855877.25	1.30E-04	1.27E-04	1.25E-04	4.50E-08	1.36E-07	7.86E-08	7.67E-08	6.95E-08	3.17E-08	3.13E-08	1.50E-09	3.63E-08	8.00E-09	1.04E-08	1.65E-08	2.91E-09	1.64E-08	9.20E-08
4165	473863.09	3855877.25	1.35E-04	1.32E-04	1.30E-04	4.67E-08	1.41E-07	8.16E-08	7.96E-08	7.22E-08	3.29E-08	3.25E-08	1.56E-09	3.76E-08	8.31E-09	1.08E-08	1.71E-08	3.02E-09	1.71E-08	9.55E-08
4166	474363.09	3855877.25	1.38E-04	1.35E-04	1.33E-04	4.78E-08	1.44E-07	8.36E-08	8.16E-08	7.39E-08	3.37E-08	3.33E-08	1.60E-09	3.86E-08	8.51E-09	1.11E-08	1.76E-08	3.10E-09	1.75E-08	9.79E-08
4167	474863.09	3855877.25	1.27E-04	1.23E-04	1.22E-04	4.38E-08	1.32E-07	7.66E-08	7.47E-08	6.77E-08	3.09E-08	3.05E-08	1.46E-09	3.53E-08	7.80E-09	1.01E-08	1.61E-08	2.84E-09	1.60E-08	8.97E-08
4168	475363.09	3855877.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
4169	475863.09	3855877.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
4170	476363.09	3855877.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
4171	476863.09	3855877.25	1.06E-04	1.04E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.27E-08	5.68E-08	2.59E-08	2.56E-08	1.23E-09	2.97E-08	6.54E-09	8.51E-09	1.35E-08	2.38E-09	1.34E-08	7.53E-08
4172	477363.09	3855877.25	1.15E-04	1.13E-04	1.11E-04	3.99E-08	1.21E-07	6.98E-08	6.81E-08	6.17E-08	2.82E-08	2.78E-08	1.33E-09	3.22E-08	7.11E-09	9.25E-09	1.47E-08	2.58E-09	1.46E-08	8.17E-08
4173	477863.09	3855877.25	1.25E-04	1.22E-04	1.20E-04	4.32E-08	1.31E-07	7.56E-08	7.37E-08	6.68E-08	3.05E-08	3.01E-08	1.44E-09	3.49E-08	7.69E-09	1.00E-08	1.59E-08	2.80E-09	1.58E-08	8.85E-08

4174	478363.09	3855877.25	1.39E-04	1.35E-04	1.33E-04	4.80E-08	1.45E-07	8.38E-08	8.18E-08	7.42E-08	3.38E-08	3.34E-08	1.60E-09	3.87E-08	8.54E-09	1.11E-08	1.76E-08	3.11E-09	1.75E-08	9.82E-08
4175	478863.09	3855877.25	1.54E-04	1.51E-04	1.49E-04	5.34E-08	1.61E-07	9.34E-08	9.11E-08	8.26E-08	3.77E-08	3.72E-08	1.78E-09	4.31E-08	9.51E-09	1.24E-08	1.96E-08	3.46E-09	1.95E-08	1.09E-07
4176	479363.09	3855877.25	1.75E-04	1.71E-04	1.69E-04	6.06E-08	1.83E-07	1.06E-07	1.03E-07	9.37E-08	4.28E-08	4.22E-08	2.02E-09	4.89E-08	1.08E-08	1.40E-08	2.23E-08	3.92E-09	2.21E-08	1.24E-07
4177	479863.09	3855877.25	1.96E-04	1.91E-04	1.89E-04	6.78E-08	2.05E-07	1.18E-07	1.16E-07	1.05E-07	4.78E-08	4.72E-08	2.26E-09	5.47E-08	1.21E-08	1.57E-08	2.49E-08	4.39E-09	2.48E-08	1.39E-07
4178	480363.09	3855877.25	2.25E-04	2.20E-04	2.17E-04	7.80E-08	2.35E-07	1.36E-07	1.33E-07	1.21E-07	5.50E-08	5.43E-08	2.60E-09	6.29E-08	1.39E-08	1.81E-08	2.86E-08	5.05E-09	2.85E-08	1.60E-07
4179	480863.09	3855877.25	2.63E-04	2.57E-04	2.53E-04	9.11E-08	2.75E-07	1.59E-07	1.55E-07	1.41E-07	6.42E-08	6.34E-08	3.04E-09	7.34E-08	1.62E-08	2.11E-08	3.34E-08	5.90E-09	3.33E-08	1.86E-07
4180	481363.09	3855877.25	2.83E-04	2.76E-04	2.72E-04	9.79E-08	2.96E-07	1.71E-07	1.67E-07	1.51E-07	6.91E-08	6.82E-08	3.27E-09	7.90E-08	1.74E-08	2.27E-08	3.60E-08	6.34E-09	3.58E-08	2.00E-07
4181	481863.09	3855877.25	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
4182	482363.09	3855877.25	4.19E-04	4.08E-04	4.03E-04	1.45E-07	4.38E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.84E-09	1.17E-07	2.58E-08	3.36E-08	5.32E-08	9.38E-09	5.29E-08	2.97E-07
4183	482863.09	3855877.25	5.01E-04	4.89E-04	4.83E-04	1.73E-07	5.24E-07	3.03E-07	2.96E-07	2.68E-07	1.22E-07	1.21E-07	5.79E-09	1.40E-07	3.09E-08	4.02E-08	6.37E-08	1.12E-08	6.34E-08	3.55E-07
4184	483363.09	3855877.25	6.58E-04	6.42E-04	6.33E-04	2.28E-07	6.87E-07	3.98E-07	3.88E-07	3.52E-07	1.61E-07	1.58E-07	7.60E-09	1.84E-07	4.05E-08	5.27E-08	8.36E-08	1.47E-08	8.32E-08	4.66E-07
4185	483863.09	3855877.25	1.17E-03	1.14E-03	1.12E-03	4.04E-07	1.22E-06	7.07E-07	6.90E-07	6.25E-07	2.85E-07	2.82E-07	1.35E-08	3.26E-07	7.20E-08	9.37E-08	1.49E-07	2.62E-08	1.48E-07	8.28E-07
4186	484363.09	3855877.25	1.09E-02	1.07E-02	1.05E-02	3.79E-06	1.14E-05	6.62E-06	6.46E-06	5.85E-06	2.67E-06	2.64E-06	1.26E-07	3.05E-06	6.74E-07	8.77E-07	1.39E-06	2.45E-07	1.38E-06	7.75E-06
4187	484863.09	3855877.25	2.17E-03	2.12E-03	2.09E-03	7.52E-07	2.27E-06	1.31E-06	1.28E-06	1.16E-06	5.31E-07	5.24E-07	2.51E-08	6.07E-07	1.34E-07	1.74E-07	2.76E-07	4.87E-08	2.75E-07	1.54E-06
4188	485363.09	3855877.25	2.29E-03	2.23E-03	2.20E-03	7.91E-07	2.39E-06	1.38E-06	1.35E-06	1.22E-06	5.58E-07	5.51E-07	2.64E-08	6.38E-07	1.41E-07	1.83E-07	2.91E-07	5.12E-08	2.89E-07	1.62E-06
4189	485863.09	3855877.25	4.60E-03	4.49E-03	4.43E-03	1.59E-06	4.81E-06	2.78E-06	2.72E-06	2.46E-06	1.12E-06	1.11E-06	5.32E-08	1.28E-06	2.83E-07	3.69E-07	5.85E-07	1.03E-07	5.82E-07	3.26E-06
4190	486363.09	3855877.25	1.76E-03	1.72E-03	1.70E-03	6.11E-07	1.84E-06	1.07E-06	1.04E-06	9.44E-07	4.31E-07	4.25E-07	2.04E-08	4.93E-07	1.09E-07	1.41E-07	2.24E-07	3.95E-08	2.23E-07	1.25E-06
4191	486863.09	3855877.25	1.22E-03	1.19E-03	1.17E-03	4.21E-07	1.27E-06	7.35E-07	7.17E-07	6.50E-07	2.97E-07	2.93E-07	1.40E-08	3.39E-07	7.49E-08	9.74E-08	1.55E-07	2.72E-08	1.54E-07	8.61E-07
4192	487363.09	3855877.25	1.02E-03	9.94E-04	9.81E-04	3.53E-07	1.06E-06	6.16E-07	6.01E-07	5.45E-07	2.49E-07	2.45E-07	1.18E-08	2.84E-07	6.28E-08	8.16E-08	1.30E-07	2.28E-08	1.29E-07	7.22E-07
4193	487863.09	3855877.25	8.91E-04	8.70E-04	8.58E-04	3.08E-07	9.31E-07	5.39E-07	5.26E-07	4.77E-07	2.18E-07	2.15E-07	1.03E-08	2.49E-07	5.49E-08	7.14E-08	1.13E-07	2.00E-08	1.13E-07	6.31E-07
4194	488363.09	3855877.25	7.90E-04	7.71E-04	7.61E-04	2.74E-07	8.26E-07	4.78E-07	4.67E-07	4.23E-07	1.93E-07	1.90E-07	9.14E-09	2.21E-07	4.87E-08	6.34E-08	1.01E-07	1.77E-08	1.00E-07	5.60E-07
4195	488863.09	3855877.25	7.14E-04	6.97E-04	6.87E-04	2.47E-07	7.46E-07	4.32E-07	4.22E-07	3.82E-07	1.74E-07	1.72E-07	8.25E-09	1.99E-07	4.40E-08	5.72E-08	9.08E-08	1.60E-08	9.03E-08	5.06E-07
4196	489363.09	3855877.25	6.52E-04	6.36E-04	6.28E-04	2.26E-07	6.81E-07	3.94E-07	3.85E-07	3.49E-07	1.59E-07	1.57E-07	7.53E-09	1.82E-07	4.02E-08	5.22E-08	8.29E-08	1.46E-08	8.24E-08	4.62E-07
4197	489863.09	3855877.25	6.04E-04	5.89E-04	5.81E-04	2.09E-07	6.31E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.98E-09	1.69E-07	3.72E-08	4.84E-08	7.68E-08	1.35E-08	7.63E-08	4.28E-07
4198	490363.09	3855877.25	5.68E-04	5.54E-04	5.47E-04	1.97E-07	5.94E-07	3.44E-07	3.35E-07	3.04E-07	1.39E-07	1.37E-07	6.57E-09	1.59E-07	3.50E-08	4.55E-08	7.22E-08	1.27E-08	7.18E-08	4.02E-07
4199	490863.09	3855877.25	5.31E-04	5.18E-04	5.11E-04	1.84E-07	5.55E-07	3.21E-07	3.13E-07	2.84E-07	1.30E-07	1.28E-07	6.13E-09	1.48E-07	3.27E-08	4.25E-08	6.75E-08	1.19E-08	6.71E-08	3.76E-07
4200	491363.09	3855877.25	4.79E-04	4.68E-04	4.61E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.06E-08	3.40E-07
4201	491863.09	3855877.25	4.83E-04	4.72E-04	4.65E-04	1.67E-07	5.05E-07	2.92E-07	2.85E-07	2.59E-07	1.18E-07	1.16E-07	5.59E-09	1.35E-07	2.98E-08	3.87E-08	6.15E-08	1.08E-08	6.11E-08	3.42E-07
4202	492363.09	3855877.25	4.56E-04	4.45E-04	4.39E-04	1.58E-07	4.77E-07	2.76E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.27E-09	1.27E-07	2.81E-08	3.66E-08	5.80E-08	1.02E-08	5.77E-08	3.23E-07
4203	492863.09	3855877.25	4.31E-04	4.21E-04	4.15E-04	1.49E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.99E-09	1.20E-07	2.66E-08	3.46E-08	5.49E-08	9.67E-09	5.46E-08	3.06E-07
4204	493363.09	3855877.25	3.75E-04	3.66E-04	3.62E-04	1.30E-07	3.92E-07	2.27E-07	2.22E-07	2.01E-07	9.17E-08	9.05E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.42E-09	4.75E-08	2.66E-07
4205	493863.09	3855877.25	3.18E-04	3.10E-04	3.06E-04	1.10E-07	3.32E-07	1.92E-07	1.88E-07	1.70E-07	7.76E-08	7.66E-08	3.67E-09	8.87E-08	1.96E-08	2.55E-08	4.04E-08	7.12E-09	4.02E-08	2.25E-07
4206	494363.09	3855877.25	2.70E-04	2.64E-04	2.60E-04	9.35E-08	2.82E-07	1.63E-07	1.59E-07	1.45E-07	6.60E-08	6.51E-08	3.12E-09	7.54E-08	1.66E-08	2.17E-08	3.43E-08	6.05E-09	3.42E-08	1.91E-07
4207	494863.09	3855877.25	2.39E-04	2.34E-04	2.30E-04	8.29E-08	2.50E-07	1.45E-07	1.41E-07	1.28E-07	5.85E-08	5.77E-08	2.77E-09	6.68E-08	1.47E-08	1.92E-08	3.04E-08	5.37E-09	3.03E-08	1.70E-07
4208	495363.09	3855877.25	2.10E-04	2.04E-04	2.02E-04	7.25E-08	2.19E-07	1.27E-07	1.24E-07	1.12E-07	5.12E-08	5.05E-08	2.42E-09	5.85E-08	1.29E-08	1.68E-08	2.66E-08	4.70E-09	2.65E-08	1.48E-07
4209	495863.09	3855877.25	2.06E-04	2.01E-04	1.98E-04	7.12E-08	2.15E-07	1.25E-07	1.21E-07	1.10E-07	5.03E-08	4.96E-08	2.38E-09	5.75E-08	1.27E-08	1.65E-08	2.62E-08	4.61E-09	2.60E-08	1.46E-07
4210	496363.09	3855877.25	2.03E-04	1.98E-04	1.96E-04	7.04E-08	2.12E-07	1.23E-07	1.20E-07	1.09E-07	4.96E-08	4.90E-08	2.35E-09	5.68E-08	1.25E-08	1.63E-08	2.59E-08	4.56E-09	2.57E-08	1.44E-07
4211	496863.09	3855877.25	2.05E-04	2.00E-04	1.97E-04	7.09E-08	2.14E-07	1.24E-07	1.21E-07	1.10E-07	5.01E-08	4.94E-08	2.37E-09	5.72E-08	1.26E-08	1.64E-08	2.61E-08	4.59E-09	2.59E-08	1.45E-07
4212	497363.09	3855877.25	2.07E-04	2.02E-04	2.00E-04	7.18E-08	2.17E-07	1.26E-07	1.22E-07	1.11E-07	5.07E-08	5.00E-08	2.40E-09	5.79E-08	1.28E-08	1.66E-08	2.64E-08	4.65E-09	2.62E-08	1.47E-07
4213	497863.09	3855877.25	2.12E-04	2.07E-04	2.04E-04	7.34E-08	2.22E-07	1.28E-07	1.25E-07	1.13E-07	5.18E-08	5.11E-08	2.45E-09	5.92E-08	1.31E-08	1.70E-08	2.70E-08	4.75E-09	2.68E-08	1.50E-07
4214	498363.09	3855877.25	2.23E-04	2.18E-04	2.15E-04	7.73E-08	2.33E-07	1.35E-07	1.32E-07	1.19E-07	5.45E-08	5.38E-08	2.58E-09	6.23E-08	1.38E-08	1.79E-08	2.84E-08	5.00E-09	2.82E-08	1.58E-07
4215	471363.09	3856377.25	1.10E-04	1.08E-04	1.06E-04	3.82E-08	1.15E-07	6.68E-08	6.52E-08	5.91E-08	2.70E-08	2.66E-08	1.28E-09	3.08E-08	6.80E-09	8.85E-09	1.40E-08	2.47E-09	1.40E-08	7.82E-08
4216	471863.09	3856377.25	1.13E-04	1.10E-04	1.09E-04	3.91E-08	1.18E-07	6.83E-08	6.66E-08	6.04E-08	2.76E-08	2.72E-08	1.30E-09	3.15E-08	6.95E-09	9.05E-09	1.44E-08	2.53E-09	1.43E-08	8.00E-08
4217	472363.09	3856377.25	1.18E-04	1.15E-04	1.13E-04	4.08E-08	1.23E-07	7.13E-08	6.96E-08	6.31E-08	2.88E-08	2.84E-08	1.36E-09	3.29E-08	7.26E-09	9.45E-09	1.50E-08	2.64E-09	1.49E-08	8.35E-08
4218	472863.09	3856377.25	1.22E-04	1.19E-04	1.18E-04	4.24E-08	1.28E-07	7.41E-08	7.23E-08	6.55E-08	2.99E-08	2.95E-08	1.41E-09	3.42E-08	7.54E-09	9.81E-09	1.56E-08	2.74E-09	1.55E-08	8.67E-08
4219	473363.09	3856377.25	1.27E-04	1.23E-04	1.22E-04	4.38E-08	1.32E-07	7.66E-08	7.47E-08	6.77E-08	3.09E-08	3.05E-08	1.46E-09	3.53E-08	7.80E-09	1.01E-08	1.61E-08	2.84E-09	1.60E-08	8.97E-08
4220	473863.09	3856377.25	1.33E-04	1.30E-04	1.28E-04	4.61E-08	1.39E-07	8.06E-08	7.86E-08	7.13E-08	3.25E-08	3.21E-08	1.54E-09	3.72E-08	8.21E-09	1.07E-08	1.69E-08	2.98E-09	1.68E-08	9.44E-08
4221	474363.09	3856377.25	1.33E-04	1.30E-04	1.28E-04	4.60E-08	1.39E-07	8.03E-08	7.84E-08	7.11E-08	3.24E-08	3.20E-08	1.53E-09	3.71E-08	8.18E-09	1.06E-08	1.69E-08	2.98E-09	1.68E-08	9.41E-08
4222	474863.09	3856377.25	1.29E-04	1.26E-04	1.24E-04	4.47E-08	1.35E-07	7.81E-08	7.62E-08	6.91E-08	3.15E-08	3.11E-08	1.49E-09	3.60E-08	7.95E-09	1.03E-08	1.64E-08	2.89E-09	1.63E-08	9.14E-08
4223	475363.09	3856377.25	1.19E-04	1.17E-04	1.15E-04	4.14E-08	1.25E-07	7.23E-08	7.05E-08	6.40E-08	2.92E-08	2.88E-08	1.38E-09	3.34E-08	7.36E-09	9.58E-09	1.52E-08	2.68E-09	1.51E-08	8.47E-08
4224	475863.09	3856377.25	1.07E-04	1.05E-04	1.03E-04	3.72E-08	1.12E-07	6.50E-08	6.34E-08	5.75E-08	2.62E-08	2.59E-08	1.24E-09	3.00E-08	6.62E-09	8.61E-09	1.37E-08	2.41E-09	1.36E-08	7.61E-08
4225	476363.09	3856377.25	1.07E-04	1.05E-04	1.03E-04	3.72E-08	1.12E-07	6.50E-08	6.34E-08	5.75E-08	2.62E-08	2.59E-08	1.24E-09	3.00E-08	6.62E-09	8.61E-09	1.37E-08	2.41E-09	1.36E-08	7.61E-08
4226	476863.09	3856377.25	1.10E-04	1.08E-04	1.06E-04	3.82E-08	1.15E-07	6.68E-08	6.52E-08	5.91E-08	2.70E-08	2.66E-08	1.28E-09	3.08E-08	6.80E-09	8.85E-09	1.40E-08	2.47E-09	1.40E-08	7.82E-08
4227	477363.09	3856377.25	1.16E-04	1.13E-04	1.11E-04	4.01E-08	1.21E-07	7.00E-08	6.83E-08	6.20E-08	2.83E-08	2.79E-08	1.34E-09	3.23E-08	7.13E-09	9.28E-09	1.47E-08	2.59E-09	1.46E-08	8.20E-08
4228	477863.09	3856377.25	1.12E-04	1.10E-04	1.08E-04	3.89E-08	1.18E-07	6.80E-08	6.64E-08	6.02E-08	2.75E-08	2.71E-08	1.30E-09	3.14E-08	6.93E-09	9.01E-09	1.43E-08	2.52E-09	1.42E-08	7.97E-08

4229	478363.09	3856377.25	1.13E-04	1.11E-04	1.09E-04	3.92E-08	1.18E-07	6.85E-08	6.69E-08	6.06E-08	2.77E-08	2.73E-08	1.31E-09	3.16E-08	6.98E-09	9.08E-09	1.44E-08	2.54E-09	1.43E-08	8.03E-08
4230	478863.09	3856377.25	1.39E-04	1.35E-04	1.33E-04	4.80E-08	1.45E-07	8.38E-08	8.18E-08	7.42E-08	3.38E-08	3.34E-08	1.60E-09	3.87E-08	8.54E-09	1.11E-08	1.76E-08	3.11E-09	1.75E-08	9.82E-08
4231	479363.09	3856377.25	1.54E-04	1.50E-04	1.48E-04	5.31E-08	1.60E-07	9.29E-08	9.06E-08	8.22E-08	3.75E-08	3.70E-08	1.77E-09	4.29E-08	9.46E-09	1.23E-08	1.95E-08	3.44E-09	1.94E-08	1.09E-07
4232	479863.09	3856377.25	1.83E-04	1.79E-04	1.77E-04	6.35E-08	1.92E-07	1.11E-07	1.08E-07	9.81E-08	4.48E-08	4.42E-08	2.12E-09	5.12E-08	1.13E-08	1.47E-08	2.33E-08	4.11E-09	2.32E-08	1.30E-07
4233	480363.09	3856377.25	2.15E-04	2.10E-04	2.07E-04	7.45E-08	2.25E-07	1.30E-07	1.27E-07	1.15E-07	5.26E-08	5.19E-08	2.49E-09	6.01E-08	1.33E-08	1.73E-08	2.74E-08	4.83E-09	2.72E-08	1.53E-07
4234	480863.09	3856377.25	2.46E-04	2.40E-04	2.37E-04	8.53E-08	2.58E-07	1.49E-07	1.46E-07	1.32E-07	6.02E-08	5.94E-08	2.85E-09	6.88E-08	1.52E-08	1.98E-08	3.13E-08	5.52E-09	3.12E-08	1.75E-07
4235	481363.09	3856377.25	2.83E-04	2.76E-04	2.72E-04	9.79E-08	2.96E-07	1.71E-07	1.67E-07	1.51E-07	6.91E-08	6.82E-08	3.27E-09	7.90E-08	1.74E-08	2.27E-08	3.60E-08	6.34E-09	3.58E-08	2.00E-07
4236	481863.09	3856377.25	3.27E-04	3.19E-04	3.15E-04	1.13E-07	3.42E-07	1.98E-07	1.93E-07	1.75E-07	7.99E-08	7.89E-08	3.78E-09	9.14E-08	2.02E-08	2.62E-08	4.16E-08	7.34E-09	4.14E-08	2.32E-07
4237	482363.09	3856377.25	3.64E-04	3.55E-04	3.51E-04	1.26E-07	3.81E-07	2.20E-07	2.15E-07	1.95E-07	8.90E-08	8.78E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.16E-09	4.61E-08	2.58E-07
4238	482863.09	3856377.25	4.14E-04	4.04E-04	3.98E-04	1.43E-07	4.32E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.97E-08	4.78E-09	1.15E-07	2.55E-08	3.32E-08	5.26E-08	9.27E-09	5.23E-08	2.93E-07
4239	483363.09	3856377.25	4.85E-04	4.74E-04	4.67E-04	1.68E-07	5.07E-07	2.94E-07	2.87E-07	2.60E-07	1.19E-07	1.17E-07	5.61E-09	1.36E-07	2.99E-08	3.89E-08	6.17E-08	1.09E-08	6.14E-08	3.44E-07
4240	483863.09	3856377.25	6.26E-04	6.11E-04	6.03E-04	2.17E-07	6.55E-07	3.79E-07	3.70E-07	3.35E-07	1.53E-07	1.51E-07	7.24E-09	1.75E-07	3.86E-08	5.02E-08	7.97E-08	1.40E-08	7.92E-08	4.44E-07
4241	484363.09	3856377.25	1.02E-03	9.96E-04	9.82E-04	3.53E-07	1.07E-06	6.17E-07	6.02E-07	5.46E-07	2.49E-07	2.46E-07	1.18E-08	2.85E-07	6.29E-08	8.18E-08	1.30E-07	2.29E-08	1.29E-07	7.23E-07
4242	484863.09	3856377.25	8.22E-03	8.02E-03	7.91E-03	2.84E-06	8.59E-06	4.97E-06	4.85E-06	4.40E-06	2.01E-06	1.98E-06	9.50E-08	2.29E-06	5.06E-07	6.59E-07	1.04E-06	1.84E-07	1.04E-06	5.82E-06
4243	485363.09	3856377.25	2.68E-03	2.62E-03	2.58E-03	9.29E-07	2.80E-06	1.62E-06	1.58E-06	1.44E-06	6.55E-07	6.47E-07	3.10E-08	7.49E-07	1.65E-07	2.15E-07	3.41E-07	6.01E-08	3.39E-07	1.90E-06
4244	485863.09	3856377.25	2.26E-03	2.20E-03	2.17E-03	7.81E-07	2.36E-06	1.37E-06	1.33E-06	1.21E-06	5.51E-07	5.44E-07	2.61E-08	6.30E-07	1.39E-07	1.81E-07	2.87E-07	5.06E-08	2.85E-07	1.60E-06
4245	486363.09	3856377.25	5.22E-03	5.10E-03	5.03E-03	1.81E-06	5.46E-06	3.16E-06	3.08E-06	2.80E-06	1.28E-06	1.26E-06	6.04E-08	1.46E-06	3.22E-07	4.19E-07	6.64E-07	1.17E-07	6.60E-07	3.70E-06
4246	486863.09	3856377.25	1.97E-03	1.92E-03	1.90E-03	6.82E-07	2.06E-06	1.19E-06	1.16E-06	1.06E-06	4.81E-07	4.75E-07	2.28E-08	5.50E-07	1.21E-07	1.58E-07	2.51E-07	4.42E-08	2.49E-07	1.40E-06
4247	487363.09	3856377.25	1.36E-03	1.33E-03	1.31E-03	4.71E-07	1.42E-06	8.24E-07	8.04E-07	7.29E-07	3.32E-07	3.28E-07	1.57E-08	3.80E-07	8.39E-08	1.09E-07	1.73E-07	3.05E-08	1.72E-07	9.65E-07
4248	487863.09	3856377.25	1.10E-03	1.07E-03	1.06E-03	3.80E-07	1.15E-06	6.65E-07	6.49E-07	5.88E-07	2.68E-07	2.65E-07	1.27E-08	3.07E-07	6.77E-08	8.81E-08	1.40E-07	2.46E-08	1.39E-07	7.78E-07
4249	488363.09	3856377.25	9.42E-04	9.19E-04	9.07E-04	3.26E-07	9.85E-07	5.70E-07	5.56E-07	5.04E-07	2.30E-07	2.27E-07	1.09E-08	2.63E-07	5.81E-08	7.55E-08	1.20E-07	2.11E-08	1.19E-07	6.68E-07
4250	488863.09	3856377.25	8.31E-04	8.11E-04	8.01E-04	2.88E-07	8.69E-07	5.03E-07	4.91E-07	4.45E-07	2.03E-07	2.00E-07	9.61E-09	2.32E-07	5.12E-08	6.66E-08	1.06E-07	1.86E-08	1.05E-07	5.89E-07
4251	489363.09	3856377.25	7.48E-04	7.30E-04	7.21E-04	2.59E-07	7.82E-07	4.53E-07	4.42E-07	4.01E-07	1.83E-07	1.80E-07	8.65E-09	2.09E-07	4.61E-08	6.00E-08	9.52E-08	1.68E-08	9.47E-08	5.30E-07
4252	489863.09	3856377.25	6.82E-04	6.66E-04	6.57E-04	2.36E-07	7.13E-07	4.13E-07	4.03E-07	3.65E-07	1.67E-07	1.64E-07	7.88E-09	1.90E-07	4.20E-08	5.47E-08	8.67E-08	1.53E-08	8.63E-08	4.83E-07
4253	490363.09	3856377.25	6.26E-04	6.11E-04	6.02E-04	2.17E-07	6.54E-07	3.79E-07	3.69E-07	3.35E-07	1.53E-07	1.51E-07	7.23E-09	1.75E-07	3.85E-08	5.02E-08	7.96E-08	1.40E-08	7.91E-08	4.43E-07
4254	490863.09	3856377.25	5.79E-04	5.65E-04	5.58E-04	2.00E-07	6.05E-07	3.50E-07	3.42E-07	3.10E-07	1.41E-07	1.40E-07	6.69E-09	1.62E-07	3.57E-08	4.64E-08	7.37E-08	1.30E-08	7.32E-08	4.10E-07
4255	491363.09	3856377.25	5.43E-04	5.30E-04	5.23E-04	1.88E-07	5.68E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.28E-09	1.52E-07	3.35E-08	4.35E-08	6.91E-08	1.22E-08	6.87E-08	3.85E-07
4256	491863.09	3856377.25	5.10E-04	4.98E-04	4.91E-04	1.77E-07	5.33E-07	3.09E-07	3.01E-07	2.73E-07	1.25E-07	1.23E-07	5.89E-09	1.42E-07	3.14E-08	4.09E-08	6.48E-08	1.14E-08	6.45E-08	3.61E-07
4257	492363.09	3856377.25	4.74E-04	4.63E-04	4.57E-04	1.64E-07	4.96E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.48E-09	1.32E-07	2.92E-08	3.80E-08	6.03E-08	1.06E-08	6.00E-08	3.36E-07
4258	492863.09	3856377.25	4.22E-04	4.12E-04	4.06E-04	1.46E-07	4.41E-07	2.55E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.38E-08	5.37E-08	9.46E-09	5.34E-08	2.99E-07
4259	493363.09	3856377.25	3.38E-04	3.30E-04	3.26E-04	1.17E-07	3.53E-07	2.05E-07	2.00E-07	1.81E-07	8.26E-08	8.15E-08	3.91E-09	9.44E-08	2.08E-08	2.71E-08	4.30E-08	7.58E-09	4.28E-08	2.40E-07
4260	493863.09	3856377.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.81E-07	1.77E-07	1.61E-07	7.33E-08	7.23E-08	3.47E-09	8.38E-08	1.85E-08	2.40E-08	3.81E-08	6.72E-09	3.79E-08	2.13E-07
4261	494363.09	3856377.25	2.60E-04	2.53E-04	2.50E-04	8.99E-08	2.71E-07	1.57E-07	1.53E-07	1.39E-07	6.34E-08	6.26E-08	3.00E-09	7.25E-08	1.60E-08	2.08E-08	3.30E-08	5.82E-09	3.28E-08	1.84E-07
4262	494863.09	3856377.25	2.31E-04	2.25E-04	2.22E-04	7.99E-08	2.41E-07	1.40E-07	1.36E-07	1.23E-07	5.63E-08	5.56E-08	2.67E-09	6.44E-08	1.42E-08	1.85E-08	2.93E-08	5.17E-09	2.92E-08	1.63E-07
4263	495363.09	3856377.25	2.13E-04	2.08E-04	2.05E-04	7.37E-08	2.22E-07	1.29E-07	1.26E-07	1.14E-07	5.20E-08	5.13E-08	2.46E-09	5.94E-08	1.31E-08	1.71E-08	2.71E-08	4.77E-09	2.69E-08	1.51E-07
4264	495863.09	3856377.25	2.09E-04	2.04E-04	2.01E-04	7.22E-08	2.18E-07	1.26E-07	1.23E-07	1.12E-07	5.10E-08	5.03E-08	2.41E-09	5.83E-08	1.29E-08	1.67E-08	2.65E-08	4.68E-09	2.64E-08	1.48E-07
4265	496363.09	3856377.25	2.09E-04	2.04E-04	2.01E-04	7.22E-08	2.18E-07	1.26E-07	1.23E-07	1.12E-07	5.10E-08	5.03E-08	2.41E-09	5.83E-08	1.29E-08	1.67E-08	2.65E-08	4.68E-09	2.64E-08	1.48E-07
4266	496863.09	3856377.25	2.13E-04	2.08E-04	2.05E-04	7.38E-08	2.23E-07	1.29E-07	1.26E-07	1.14E-07	5.21E-08	5.14E-08	2.47E-09	5.95E-08	1.31E-08	1.71E-08	2.71E-08	4.78E-09	2.70E-08	1.51E-07
4267	497363.09	3856377.25	2.18E-04	2.13E-04	2.10E-04	7.55E-08	2.28E-07	1.32E-07	1.29E-07	1.17E-07	5.33E-08	5.26E-08	2.52E-09	6.09E-08	1.34E-08	1.75E-08	2.78E-08	4.89E-09	2.76E-08	1.55E-07
4268	497863.09	3856377.25	2.26E-04	2.20E-04	2.17E-04	7.81E-08	2.36E-07	1.37E-07	1.33E-07	1.21E-07	5.51E-08	5.44E-08	2.61E-09	6.30E-08	1.39E-08	1.81E-08	2.87E-08	5.06E-09	2.85E-08	1.60E-07
4269	498363.09	3856377.25	2.36E-04	2.30E-04	2.27E-04	8.16E-08	2.46E-07	1.43E-07	1.39E-07	1.26E-07	5.76E-08	5.68E-08	2.72E-09	6.58E-08	1.45E-08	1.89E-08	3.00E-08	5.28E-09	2.98E-08	1.67E-07
4270	471363.09	3856877.25	1.07E-04	1.04E-04	1.03E-04	3.71E-08	1.12E-07	6.48E-08	6.32E-08	5.73E-08	2.61E-08	2.58E-08	1.24E-09	2.99E-08	6.59E-09	8.58E-09	1.36E-08	2.40E-09	1.35E-08	7.58E-08
4271	471863.09	3856877.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
4272	472363.09	3856877.25	1.12E-04	1.10E-04	1.08E-04	3.89E-08	1.18E-07	6.80E-08	6.64E-08	6.02E-08	2.75E-08	2.71E-08	1.30E-09	3.14E-08	6.93E-09	9.01E-09	1.43E-08	2.52E-09	1.42E-08	7.97E-08
4273	472863.09	3856877.25	1.16E-04	1.13E-04	1.11E-04	4.01E-08	1.21E-07	7.00E-08	6.83E-08	6.20E-08	2.83E-08	2.79E-08	1.34E-09	3.23E-08	7.13E-09	9.28E-09	1.47E-08	2.59E-09	1.46E-08	8.20E-08
4274	473363.09	3856877.25	1.22E-04	1.19E-04	1.18E-04	4.24E-08	1.28E-07	7.41E-08	7.23E-08	6.55E-08	2.99E-08	2.95E-08	1.41E-09	3.42E-08	7.54E-09	9.81E-09	1.56E-08	2.74E-09	1.55E-08	8.67E-08
4275	473863.09	3856877.25	1.27E-04	1.23E-04	1.22E-04	4.38E-08	1.32E-07	7.66E-08	7.47E-08	6.77E-08	3.09E-08	3.05E-08	1.46E-09	3.53E-08	7.80E-09	1.01E-08	1.61E-08	2.84E-09	1.60E-08	8.97E-08
4276	474363.09	3856877.25	1.27E-04	1.24E-04	1.22E-04	4.39E-08	1.33E-07	7.68E-08	7.50E-08	6.79E-08	3.10E-08	3.06E-08	1.47E-09	3.54E-08	7.82E-09	1.02E-08	1.61E-08	2.85E-09	1.61E-08	9.00E-08
4277	474863.09	3856877.25	1.24E-04	1.21E-04	1.19E-04	4.29E-08	1.30E-07	7.51E-08	7.32E-08	6.64E-08	3.03E-08	2.99E-08	1.43E-09	3.46E-08	7.64E-09	9.94E-09	1.58E-08	2.78E-09	1.57E-08	8.79E-08
4278	475363.09	3856877.25	1.18E-04	1.15E-04	1.14E-04	4.09E-08	1.24E-07	7.15E-08	6.98E-08	6.33E-08	2.89E-08	2.85E-08	1.37E-09	3.30E-08	7.29E-09	9.48E-09	1.50E-08	2.65E-09	1.50E-08	8.38E-08
4279	475863.09	3856877.25	1.19E-04	1.16E-04	1.14E-04	4.11E-08	1.24E-07	7.18E-08	7.01E-08	6.35E-08	2.90E-08	2.86E-08	1.37E-09	3.31E-08	7.31E-09	9.51E-09	1.51E-08	2.66E-09	1.50E-08	8.41E-08
4280	476363.09	3856877.25	1.14E-04	1.11E-04	1.10E-04	3.95E-08	1.19E-07	6.90E-08	6.74E-08	6.11E-08	2.79E-08	2.75E-08	1.32E-09	3.19E-08	7.03E-09	9.15E-09	1.45E-08	2.56E-09	1.44E-08	8.08E-08
4281	476863.09	3856877.25	1.15E-04	1.12E-04	1.10E-04	3.96E-08	1.20E-07	6.93E-08	6.76E-08	6.13E-08	2.80E-08	2.76E-08	1.32E-09	3.20E-08	7.06E-09	9.18E-09	1.46E-08	2.57E-09	1.45E-08	8.11E-08
4282	477363.09	3856877.25	1.13E-04	1.11E-04	1.09E-04	3.92E-08	1.18E-07	6.85E-08	6.69E-08	6.06E-08	2.77E-08	2.73E-08	1.31E-09	3.16E-08	6.98E-09	9.08E-09	1.44E-08	2.54E-09	1.43E-08	8.03E-08
4283	477863.09	3856877.25	1.06E-04	1.04E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.27E-08	5.68E-08	2.59E-08	2.56E-08	1.23E-09	2.97E-08	6.54E-09	8.51E-09	1.35E-08	2.38E-09	1.34E-08	7.53E-08

4284	478363.09	3856877.25	1.06E-04	1.04E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.27E-08	5.68E-08	2.59E-08	2.56E-08	1.23E-09	2.97E-08	6.54E-09	8.51E-09	1.35E-08	2.38E-09	1.34E-08	7.53E-08
4285	478863.09	3856877.25	1.16E-04	1.13E-04	1.12E-04	4.02E-08	1.21E-07	7.03E-08	6.86E-08	6.22E-08	2.84E-08	2.80E-08	1.34E-09	3.24E-08	7.16E-09	9.31E-09	1.48E-08	2.60E-09	1.47E-08	8.23E-08
4286	479363.09	3856877.25	1.29E-04	1.26E-04	1.24E-04	4.45E-08	1.34E-07	7.78E-08	7.59E-08	6.88E-08	3.14E-08	3.10E-08	1.49E-09	3.59E-08	7.92E-09	1.03E-08	1.64E-08	2.88E-09	1.63E-08	9.11E-08
4287	479863.09	3856877.25	1.69E-04	1.65E-04	1.63E-04	5.86E-08	1.77E-07	1.02E-07	9.99E-08	9.06E-08	4.13E-08	4.08E-08	1.96E-09	4.73E-08	1.04E-08	1.36E-08	2.15E-08	3.79E-09	2.14E-08	1.20E-07
4288	480363.09	3856877.25	2.02E-04	1.97E-04	1.95E-04	6.99E-08	2.11E-07	1.22E-07	1.19E-07	1.08E-07	4.93E-08	4.87E-08	2.34E-09	5.64E-08	1.24E-08	1.62E-08	2.57E-08	4.53E-09	2.56E-08	1.43E-07
4289	480863.09	3856877.25	2.37E-04	2.31E-04	2.28E-04	8.20E-08	2.48E-07	1.43E-07	1.40E-07	1.27E-07	5.79E-08	5.71E-08	2.74E-09	6.61E-08	1.46E-08	1.90E-08	3.01E-08	5.31E-09	3.00E-08	1.68E-07
4290	481363.09	3856877.25	2.66E-04	2.59E-04	2.56E-04	9.19E-08	2.78E-07	1.61E-07	1.57E-07	1.42E-07	6.48E-08	6.40E-08	3.07E-09	7.41E-08	1.64E-08	2.13E-08	3.38E-08	5.95E-09	3.36E-08	1.88E-07
4291	481863.09	3856877.25	2.90E-04	2.83E-04	2.79E-04	1.00E-07	3.03E-07	1.75E-07	1.71E-07	1.55E-07	7.07E-08	6.98E-08	3.35E-09	8.09E-08	1.78E-08	2.32E-08	3.68E-08	6.49E-09	3.66E-08	2.05E-07
4292	482363.09	3856877.25	3.25E-04	3.17E-04	3.13E-04	1.12E-07	3.40E-07	1.97E-07	1.92E-07	1.74E-07	7.93E-08	7.83E-08	3.76E-09	9.07E-08	2.00E-08	2.60E-08	4.13E-08	7.28E-09	4.11E-08	2.30E-07
4293	482863.09	3856877.25	3.59E-04	3.50E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.12E-07	1.92E-07	8.76E-08	8.65E-08	4.15E-09	1.00E-07	2.21E-08	2.88E-08	4.56E-08	8.04E-09	4.54E-08	2.54E-07
4294	483363.09	3856877.25	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.45E-07	2.39E-07	2.16E-07	9.87E-08	9.74E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.06E-09	5.11E-08	2.86E-07
4295	483863.09	3856877.25	4.72E-04	4.61E-04	4.55E-04	1.63E-07	4.93E-07	2.86E-07	2.79E-07	2.53E-07	1.15E-07	1.14E-07	5.46E-09	1.32E-07	2.91E-08	3.78E-08	6.00E-08	1.06E-08	5.97E-08	3.35E-07
4296	484363.09	3856877.25	6.03E-04	5.89E-04	5.81E-04	2.09E-07	6.31E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.97E-09	1.68E-07	3.72E-08	4.84E-08	7.67E-08	1.35E-08	7.63E-08	4.27E-07
4297	484863.09	3856877.25	8.86E-04	8.64E-04	8.53E-04	3.07E-07	9.26E-07	5.36E-07	5.23E-07	4.74E-07	2.16E-07	2.13E-07	1.02E-08	2.47E-07	5.46E-08	7.10E-08	1.13E-07	1.99E-08	1.12E-07	6.28E-07
4298	485363.09	3856877.25	2.70E-03	2.64E-03	2.60E-03	9.36E-07	2.83E-06	1.64E-06	1.60E-06	1.45E-06	6.60E-07	6.52E-07	3.13E-08	7.55E-07	1.67E-07	2.17E-07	3.44E-07	6.06E-08	3.42E-07	1.92E-06
4299	485863.09	3856877.25	3.58E-03	3.49E-03	3.44E-03	1.24E-06	3.74E-06	2.16E-06	2.11E-06	1.91E-06	8.73E-07	8.62E-07	4.13E-08	9.98E-07	2.20E-07	2.87E-07	4.55E-07	8.01E-08	4.52E-07	2.53E-06
4300	486363.09	3856877.25	2.16E-03	2.11E-03	2.08E-03	7.47E-07	2.25E-06	1.31E-06	1.27E-06	1.15E-06	5.27E-07	5.20E-07	2.49E-08	6.02E-07	1.33E-07	1.73E-07	2.74E-07	4.84E-08	2.73E-07	1.53E-06
4301	486863.09	3856877.25	6.05E-03	5.91E-03	5.83E-03	2.10E-06	6.33E-06	3.66E-06	3.57E-06	3.24E-06	1.48E-06	1.46E-06	7.00E-08	1.69E-06	3.73E-07	4.85E-07	7.70E-07	1.36E-07	7.66E-07	4.29E-06
4302	487363.09	3856877.25	2.11E-03	2.06E-03	2.04E-03	7.32E-07	2.21E-06	1.28E-06	1.25E-06	1.13E-06	5.16E-07	5.09E-07	2.44E-08	5.90E-07	1.30E-07	1.69E-07	2.69E-07	4.74E-08	2.67E-07	1.50E-06
4303	487863.09	3856877.25	1.45E-03	1.41E-03	1.39E-03	5.02E-07	1.51E-06	8.77E-07	8.55E-07	7.75E-07	3.54E-07	3.49E-07	1.67E-08	4.05E-07	8.93E-08	1.16E-07	1.84E-07	3.25E-08	1.83E-07	1.03E-06
4304	488363.09	3856877.25	1.16E-03	1.13E-03	1.12E-03	4.01E-07	1.21E-06	7.02E-07	6.85E-07	6.21E-07	2.83E-07	2.79E-07	1.34E-08	3.24E-07	7.14E-08	9.30E-08	1.47E-07	2.60E-08	1.47E-07	8.22E-07
4305	488863.09	3856877.25	9.87E-04	9.63E-04	9.50E-04	3.42E-07	1.03E-06	5.97E-07	5.83E-07	5.28E-07	2.41E-07	2.38E-07	1.14E-08	2.75E-07	6.08E-08	7.91E-08	1.25E-07	2.21E-08	1.25E-07	6.99E-07
4306	489363.09	3856877.25	8.71E-04	8.50E-04	8.39E-04	3.02E-07	9.11E-07	5.27E-07	5.14E-07	4.66E-07	2.13E-07	2.10E-07	1.01E-08	2.43E-07	5.37E-08	6.98E-08	1.11E-07	1.95E-08	1.10E-07	6.17E-07
4307	489863.09	3856877.25	7.81E-04	7.62E-04	7.52E-04	2.70E-07	8.17E-07	4.73E-07	4.61E-07	4.18E-07	1.91E-07	1.88E-07	9.03E-09	2.18E-07	4.81E-08	6.26E-08	9.93E-08	1.75E-08	9.88E-08	5.54E-07
4308	490363.09	3856877.25	7.05E-04	6.88E-04	6.79E-04	2.44E-07	7.37E-07	4.26E-07	4.16E-07	3.77E-07	1.72E-07	1.70E-07	8.15E-09	1.97E-07	4.34E-08	5.65E-08	8.96E-08	1.58E-08	8.91E-08	4.99E-07
4309	490863.09	3856877.25	6.43E-04	6.27E-04	6.19E-04	2.22E-07	6.72E-07	3.89E-07	3.79E-07	3.44E-07	1.57E-07	1.55E-07	7.43E-09	1.79E-07	3.96E-08	5.15E-08	8.17E-08	1.44E-08	8.13E-08	4.55E-07
4310	491363.09	3856877.25	5.90E-04	5.76E-04	5.68E-04	2.04E-07	6.17E-07	3.57E-07	3.49E-07	3.16E-07	1.44E-07	1.42E-07	6.82E-09	1.65E-07	3.64E-08	4.73E-08	7.51E-08	1.32E-08	7.47E-08	4.18E-07
4311	491863.09	3856877.25	5.44E-04	5.31E-04	5.24E-04	1.88E-07	5.68E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.29E-09	1.52E-07	3.35E-08	4.36E-08	6.92E-08	1.22E-08	6.88E-08	3.85E-07
4312	492363.09	3856877.25	4.66E-04	4.55E-04	4.49E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.39E-09	1.30E-07	2.87E-08	3.73E-08	5.92E-08	1.04E-08	5.89E-08	3.30E-07
4313	492863.09	3856877.25	4.06E-04	3.96E-04	3.91E-04	1.40E-07	4.24E-07	2.46E-07	2.40E-07	2.17E-07	9.91E-08	9.78E-08	4.69E-09	1.13E-07	2.50E-08	3.25E-08	5.16E-08	9.09E-09	5.13E-08	2.88E-07
4314	493363.09	3856877.25	3.48E-04	3.39E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.49E-08	8.38E-08	4.02E-09	9.71E-08	2.14E-08	2.79E-08	4.42E-08	7.79E-09	4.40E-08	2.46E-07
4315	493863.09	3856877.25	2.93E-04	2.86E-04	2.82E-04	1.02E-07	3.07E-07	1.77E-07	1.73E-07	1.57E-07	7.16E-08	7.07E-08	3.39E-09	8.19E-08	1.81E-08	2.35E-08	3.73E-08	6.57E-09	3.71E-08	2.08E-07
4316	494363.09	3856877.25	2.56E-04	2.49E-04	2.46E-04	8.85E-08	2.67E-07	1.55E-07	1.51E-07	1.37E-07	6.24E-08	6.16E-08	2.95E-09	7.14E-08	1.57E-08	2.05E-08	3.25E-08	5.73E-09	3.23E-08	1.81E-07
4317	494863.09	3856877.25	2.38E-04	2.32E-04	2.29E-04	8.23E-08	2.48E-07	1.44E-07	1.40E-07	1.27E-07	5.81E-08	5.73E-08	2.75E-09	6.64E-08	1.46E-08	1.91E-08	3.02E-08	5.33E-09	3.01E-08	1.68E-07
4318	495363.09	3856877.25	2.27E-04	2.22E-04	2.19E-04	7.87E-08	2.38E-07	1.38E-07	1.34E-07	1.22E-07	5.55E-08	5.48E-08	2.63E-09	6.35E-08	1.40E-08	1.82E-08	2.89E-08	5.10E-09	2.88E-08	1.61E-07
4319	495863.09	3856877.25	2.24E-04	2.19E-04	2.16E-04	7.77E-08	2.35E-07	1.36E-07	1.33E-07	1.20E-07	5.48E-08	5.41E-08	2.59E-09	6.27E-08	1.38E-08	1.80E-08	2.85E-08	5.03E-09	2.84E-08	1.59E-07
4320	496363.09	3856877.25	2.23E-04	2.17E-04	2.15E-04	7.71E-08	2.33E-07	1.35E-07	1.32E-07	1.19E-07	5.44E-08	5.37E-08	2.58E-09	6.22E-08	1.37E-08	1.79E-08	2.83E-08	4.99E-09	2.82E-08	1.58E-07
4321	496863.09	3856877.25	2.25E-04	2.20E-04	2.17E-04	7.80E-08	2.35E-07	1.36E-07	1.33E-07	1.21E-07	5.50E-08	5.43E-08	2.60E-09	6.29E-08	1.39E-08	1.81E-08	2.86E-08	5.05E-09	2.85E-08	1.60E-07
4322	497363.09	3856877.25	2.31E-04	2.25E-04	2.22E-04	7.99E-08	2.41E-07	1.40E-07	1.36E-07	1.23E-07	5.63E-08	5.56E-08	2.67E-09	6.44E-08	1.42E-08	1.85E-08	2.93E-08	5.17E-09	2.92E-08	1.63E-07
4323	497863.09	3856877.25	2.42E-04	2.36E-04	2.33E-04	8.39E-08	2.53E-07	1.47E-07	1.43E-07	1.30E-07	5.92E-08	5.84E-08	2.80E-09	6.77E-08	1.49E-08	1.94E-08	3.08E-08	5.43E-09	3.06E-08	1.72E-07
4324	498363.09	3856877.25	2.56E-04	2.50E-04	2.46E-04	8.86E-08	2.68E-07	1.55E-07	1.51E-07	1.37E-07	6.25E-08	6.17E-08	2.96E-09	7.15E-08	1.58E-08	2.05E-08	3.26E-08	5.74E-09	3.24E-08	1.81E-07
4325	471363.09	3857377.25	1.05E-04	1.02E-04	1.01E-04	3.63E-08	1.10E-07	6.35E-08	6.20E-08	5.62E-08	2.56E-08	2.53E-08	1.21E-09	2.93E-08	6.47E-09	8.41E-09	1.33E-08	2.35E-09	1.33E-08	7.44E-08
4326	471863.09	3857377.25	1.07E-04	1.04E-04	1.03E-04	3.69E-08	1.11E-07	6.45E-08	6.30E-08	5.71E-08	2.60E-08	2.57E-08	1.23E-09	2.98E-08	6.57E-09	8.55E-09	1.36E-08	2.39E-09	1.35E-08	7.56E-08
4327	472363.09	3857377.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
4328	472863.09	3857377.25	1.12E-04	1.10E-04	1.08E-04	3.89E-08	1.18E-07	6.80E-08	6.64E-08	6.02E-08	2.75E-08	2.71E-08	1.30E-09	3.14E-08	6.93E-09	9.01E-09	1.43E-08	2.52E-09	1.42E-08	7.97E-08
4329	473363.09	3857377.25	1.17E-04	1.14E-04	1.12E-04	4.04E-08	1.22E-07	7.05E-08	6.88E-08	6.24E-08	2.85E-08	2.81E-08	1.35E-09	3.26E-08	7.18E-09	9.35E-09	1.48E-08	2.61E-09	1.47E-08	8.26E-08
4330	473863.09	3857377.25	1.22E-04	1.19E-04	1.17E-04	4.22E-08	1.27E-07	7.38E-08	7.20E-08	6.53E-08	2.98E-08	2.94E-08	1.41E-09	3.41E-08	7.52E-09	9.78E-09	1.55E-08	2.73E-09	1.54E-08	8.64E-08
4331	474363.09	3857377.25	1.19E-04	1.16E-04	1.15E-04	4.12E-08	1.24E-07	7.20E-08	7.03E-08	6.37E-08	2.91E-08	2.87E-08	1.38E-09	3.32E-08	7.34E-09	9.55E-09	1.51E-08	2.67E-09	1.51E-08	8.44E-08
4332	474863.09	3857377.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
4333	475363.09	3857377.25	9.79E-05	9.55E-05	9.43E-05	3.39E-08	1.02E-07	5.92E-08	5.78E-08	5.24E-08	2.39E-08	2.36E-08	1.13E-09	2.73E-08	6.03E-09	7.85E-09	1.25E-08	2.19E-09	1.24E-08	6.94E-08
4334	475863.09	3857377.25	9.71E-05	9.47E-05	9.35E-05	3.36E-08	1.01E-07	5.87E-08	5.73E-08	5.20E-08	2.37E-08	2.34E-08	1.12E-09	2.71E-08	5.98E-09	7.78E-09	1.23E-08	2.18E-09	1.23E-08	6.88E-08
4335	476363.09	3857377.25	1.06E-04	1.04E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.27E-08	5.68E-08	2.59E-08	2.56E-08	1.23E-09	2.97E-08	6.54E-09	8.51E-09	1.35E-08	2.38E-09	1.34E-08	7.53E-08
4336	476863.09	3857377.25	1.10E-04	1.08E-04	1.06E-04	3.82E-08	1.15E-07	6.68E-08	6.52E-08	5.91E-08	2.70E-08	2.66E-08	1.28E-09	3.08E-08	6.80E-09	8.85E-09	1.40E-08	2.47E-09	1.40E-08	7.82E-08
4337	477363.09	3857377.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
4338	477863.09	3857377.25	1.05E-04	1.02E-04	1.01E-04	3.63E-08	1.10E-07	6.35E-08	6.20E-08	5.62E-08	2.56E-08	2.53E-08	1.21E-09	2.93E-08	6.47E-09	8.41E-09	1.33E-08	2.35E-09	1.33E-08	7.44E-08

4339	478363.09	3857377.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
4340	478863.09	3857377.25	9.96E-05	9.72E-05	9.59E-05	3.45E-08	1.04E-07	6.02E-08	5.88E-08	5.33E-08	2.43E-08	2.40E-08	1.15E-09	2.78E-08	6.13E-09	7.98E-09	1.27E-08	2.23E-09	1.26E-08	7.06E-08
4341	479363.09	3857377.25	1.16E-04	1.13E-04	1.11E-04	4.01E-08	1.21E-07	7.00E-08	6.83E-08	6.20E-08	2.83E-08	2.79E-08	1.34E-09	3.23E-08	7.13E-09	9.28E-09	1.47E-08	2.59E-09	1.46E-08	8.20E-08
4342	479863.09	3857377.25	1.52E-04	1.49E-04	1.47E-04	5.27E-08	1.59E-07	9.21E-08	8.99E-08	8.15E-08	3.72E-08	3.67E-08	1.76E-09	4.25E-08	9.38E-09	1.22E-08	1.94E-08	3.41E-09	1.93E-08	1.08E-07
4343	480363.09	3857377.25	1.48E-04	1.45E-04	1.43E-04	5.13E-08	1.55E-07	8.96E-08	8.75E-08	7.93E-08	3.62E-08	3.57E-08	1.71E-09	4.14E-08	9.13E-09	1.19E-08	1.88E-08	3.32E-09	1.87E-08	1.05E-07
4344	480863.09	3857377.25	2.22E-04	2.17E-04	2.14E-04	7.68E-08	2.32E-07	1.34E-07	1.31E-07	1.19E-07	5.42E-08	5.35E-08	2.57E-09	6.20E-08	1.37E-08	1.78E-08	2.82E-08	4.97E-09	2.81E-08	1.57E-07
4345	481363.09	3857377.25	2.32E-04	2.26E-04	2.23E-04	8.03E-08	2.42E-07	1.40E-07	1.37E-07	1.24E-07	5.66E-08	5.59E-08	2.68E-09	6.48E-08	1.43E-08	1.86E-08	2.95E-08	5.20E-09	2.93E-08	1.64E-07
4346	481863.09	3857377.25	2.58E-04	2.52E-04	2.49E-04	8.95E-08	2.70E-07	1.56E-07	1.53E-07	1.38E-07	6.31E-08	6.23E-08	2.99E-09	7.22E-08	1.59E-08	2.07E-08	3.29E-08	5.79E-09	3.27E-08	1.83E-07
4347	482363.09	3857377.25	2.93E-04	2.86E-04	2.82E-04	1.02E-07	3.07E-07	1.77E-07	1.73E-07	1.57E-07	7.16E-08	7.07E-08	3.39E-09	8.19E-08	1.81E-08	2.35E-08	3.73E-08	6.57E-09	3.71E-08	2.08E-07
4348	482863.09	3857377.25	3.18E-04	3.10E-04	3.06E-04	1.10E-07	3.32E-07	1.92E-07	1.88E-07	1.70E-07	7.76E-08	7.66E-08	3.67E-09	8.87E-08	1.96E-08	2.55E-08	4.04E-08	7.12E-09	4.02E-08	2.25E-07
4349	483363.09	3857377.25	3.48E-04	3.40E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.06E-07	1.87E-07	8.51E-08	8.40E-08	4.03E-09	9.73E-08	2.15E-08	2.79E-08	4.43E-08	7.81E-09	4.41E-08	2.47E-07
4350	483863.09	3857377.25	3.94E-04	3.85E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.33E-07	2.11E-07	9.63E-08	9.50E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.83E-09	4.98E-08	2.79E-07
4351	484363.09	3857377.25	4.60E-04	4.49E-04	4.43E-04	1.59E-07	4.81E-07	2.78E-07	2.72E-07	2.46E-07	1.12E-07	1.11E-07	5.32E-09	1.28E-07	2.83E-08	3.69E-08	5.85E-08	1.03E-08	5.82E-08	3.26E-07
4352	484863.09	3857377.25	5.76E-04	5.62E-04	5.55E-04	1.99E-07	6.02E-07	3.49E-07	3.40E-07	3.08E-07	1.41E-07	1.39E-07	6.66E-09	1.61E-07	3.55E-08	4.62E-08	7.33E-08	1.29E-08	7.29E-08	4.08E-07
4353	485363.09	3857377.25	7.92E-04	7.73E-04	7.63E-04	2.74E-07	8.28E-07	4.79E-07	4.68E-07	4.24E-07	1.93E-07	1.91E-07	9.16E-09	2.21E-07	4.88E-08	6.35E-08	1.01E-07	1.78E-08	1.00E-07	5.61E-07
4354	485863.09	3857377.25	1.61E-03	1.57E-03	1.55E-03	5.56E-07	1.68E-06	9.71E-07	9.48E-07	8.59E-07	3.92E-07	3.87E-07	1.86E-08	4.48E-07	9.89E-08	1.29E-07	2.04E-07	3.60E-08	2.03E-07	1.14E-06
4355	486363.09	3857377.25	5.17E-03	5.04E-03	4.98E-03	1.79E-06	5.40E-06	3.13E-06	3.05E-06	2.77E-06	1.26E-06	1.25E-06	5.98E-08	1.44E-06	3.19E-07	4.14E-07	6.57E-07	1.16E-07	6.54E-07	3.66E-06
4356	486863.09	3857377.25	2.34E-03	2.28E-03	2.25E-03	8.09E-07	2.44E-06	1.41E-06	1.38E-06	1.25E-06	5.71E-07	5.63E-07	2.70E-08	6.53E-07	1.44E-07	1.87E-07	2.97E-07	5.24E-08	2.96E-07	1.66E-06
4357	487363.09	3857377.25	7.24E-03	7.06E-03	6.97E-03	2.51E-06	7.57E-06	4.38E-06	4.27E-06	3.87E-06	1.77E-06	1.74E-06	8.37E-08	2.02E-06	4.46E-07	5.80E-07	9.21E-07	1.62E-07	9.15E-07	5.13E-06
4358	487863.09	3857377.25	2.30E-03	2.25E-03	2.22E-03	7.97E-07	2.41E-06	1.39E-06	1.36E-06	1.23E-06	5.62E-07	5.55E-07	2.66E-08	6.43E-07	1.42E-07	1.85E-07	2.93E-07	5.16E-08	2.91E-07	1.63E-06
4359	488363.09	3857377.25	1.56E-03	1.53E-03	1.51E-03	5.41E-07	1.63E-06	9.46E-07	9.23E-07	8.37E-07	3.82E-07	3.77E-07	1.81E-08	4.37E-07	9.64E-08	1.25E-07	1.99E-07	3.51E-08	1.98E-07	1.11E-06
4360	488863.09	3857377.25	1.24E-03	1.21E-03	1.19E-03	4.29E-07	1.30E-06	7.51E-07	7.32E-07	6.64E-07	3.03E-07	2.99E-07	1.43E-08	3.46E-07	7.64E-08	9.94E-08	1.58E-07	2.78E-08	1.57E-07	8.79E-07
4361	489363.09	3857377.25	1.05E-03	1.02E-03	1.01E-03	3.63E-07	1.09E-06	6.34E-07	6.19E-07	5.61E-07	2.56E-07	2.52E-07	1.21E-08	2.93E-07	6.45E-08	8.40E-08	1.33E-07	2.35E-08	1.32E-07	7.42E-07
4362	489863.09	3857377.25	9.09E-04	8.87E-04	8.76E-04	3.15E-07	9.51E-07	5.50E-07	5.37E-07	4.87E-07	2.22E-07	2.19E-07	1.05E-08	2.54E-07	5.60E-08	7.29E-08	1.16E-07	2.04E-08	1.15E-07	6.44E-07
4363	490363.09	3857377.25	8.08E-04	7.89E-04	7.78E-04	2.80E-07	8.45E-07	4.89E-07	4.77E-07	4.33E-07	1.97E-07	1.95E-07	9.34E-09	2.26E-07	4.98E-08	6.48E-08	1.03E-07	1.81E-08	1.02E-07	5.73E-07
4364	490863.09	3857377.25	7.28E-04	7.11E-04	7.01E-04	2.52E-07	7.61E-07	4.41E-07	4.30E-07	3.90E-07	1.78E-07	1.75E-07	8.42E-09	2.03E-07	4.49E-08	5.84E-08	9.26E-08	1.63E-08	9.21E-08	5.16E-07
4365	491363.09	3857377.25	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.49E-08	8.38E-08	4.70E-07
4366	491863.09	3857377.25	5.90E-04	5.76E-04	5.68E-04	2.04E-07	6.17E-07	3.57E-07	3.49E-07	3.16E-07	1.44E-07	1.42E-07	6.82E-09	1.65E-07	3.64E-08	4.73E-08	7.51E-08	1.32E-08	7.47E-08	4.18E-07
4367	492363.09	3857377.25	4.75E-04	4.63E-04	4.57E-04	1.64E-07	4.96E-07	2.87E-07	2.80E-07	2.54E-07	1.16E-07	1.14E-07	5.49E-09	1.33E-07	2.92E-08	3.80E-08	6.04E-08	1.06E-08	6.00E-08	3.36E-07
4368	492863.09	3857377.25	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.05E-07	2.35E-07	2.29E-07	2.08E-07	9.47E-08	9.35E-08	4.48E-09	1.08E-07	2.39E-08	3.11E-08	4.93E-08	8.69E-09	4.91E-08	2.75E-07
4369	493363.09	3857377.25	3.26E-04	3.18E-04	3.14E-04	1.13E-07	3.41E-07	1.97E-07	1.93E-07	1.75E-07	7.96E-08	7.86E-08	3.77E-09	9.11E-08	2.01E-08	2.61E-08	4.15E-08	7.31E-09	4.12E-08	2.31E-07
4370	493863.09	3857377.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.81E-07	1.77E-07	1.61E-07	7.33E-08	7.23E-08	3.47E-09	8.38E-08	1.85E-08	2.40E-08	3.81E-08	6.72E-09	3.79E-08	2.13E-07
4371	494363.09	3857377.25	2.75E-04	2.69E-04	2.65E-04	9.54E-08	2.88E-07	1.67E-07	1.63E-07	1.47E-07	6.73E-08	6.64E-08	3.18E-09	7.69E-08	1.70E-08	2.21E-08	3.50E-08	6.17E-09	3.48E-08	1.95E-07
4372	494863.09	3857377.25	2.63E-04	2.57E-04	2.53E-04	9.11E-08	2.75E-07	1.59E-07	1.55E-07	1.41E-07	6.42E-08	6.34E-08	3.04E-09	7.34E-08	1.62E-08	2.11E-08	3.34E-08	5.90E-09	3.33E-08	1.86E-07
4373	495363.09	3857377.25	2.53E-04	2.47E-04	2.43E-04	8.75E-08	2.64E-07	1.53E-07	1.49E-07	1.35E-07	6.17E-08	6.09E-08	2.92E-09	7.05E-08	1.56E-08	2.03E-08	3.21E-08	5.66E-09	3.20E-08	1.79E-07
4374	495863.09	3857377.25	2.49E-04	2.43E-04	2.40E-04	8.62E-08	2.60E-07	1.51E-07	1.47E-07	1.33E-07	6.08E-08	6.00E-08	2.88E-09	6.95E-08	1.53E-08	2.00E-08	3.17E-08	5.58E-09	3.15E-08	1.76E-07
4375	496363.09	3857377.25	2.47E-04	2.41E-04	2.38E-04	8.55E-08	2.58E-07	1.49E-07	1.46E-07	1.32E-07	6.03E-08	5.95E-08	2.85E-09	6.89E-08	1.52E-08	1.98E-08	3.14E-08	5.53E-09	3.12E-08	1.75E-07
4376	496863.09	3857377.25	2.46E-04	2.40E-04	2.37E-04	8.53E-08	2.58E-07	1.49E-07	1.46E-07	1.32E-07	6.02E-08	5.94E-08	2.85E-09	6.88E-08	1.52E-08	1.98E-08	3.13E-08	5.52E-09	3.12E-08	1.75E-07
4377	497363.09	3857377.25	2.50E-04	2.44E-04	2.41E-04	8.66E-08	2.61E-07	1.51E-07	1.48E-07	1.34E-07	6.11E-08	6.03E-08	2.89E-09	6.99E-08	1.54E-08	2.01E-08	3.18E-08	5.61E-09	3.16E-08	1.77E-07
4378	497863.09	3857377.25	2.58E-04	2.52E-04	2.49E-04	8.95E-08	2.70E-07	1.56E-07	1.53E-07	1.38E-07	6.31E-08	6.23E-08	2.99E-09	7.22E-08	1.59E-08	2.07E-08	3.29E-08	5.79E-09	3.27E-08	1.83E-07
4379	498363.09	3857377.25	2.83E-04	2.76E-04	2.72E-04	9.78E-08	2.95E-07	1.71E-07	1.67E-07	1.51E-07	6.90E-08	6.81E-08	3.27E-09	7.89E-08	1.74E-08	2.26E-08	3.59E-08	6.33E-09	3.57E-08	2.00E-07
4380	471363.09	3857877.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
4381	471863.09	3857877.25	1.03E-04	1.00E-04	9.91E-05	3.56E-08	1.08E-07	6.23E-08	6.07E-08	5.51E-08	2.51E-08	2.48E-08	1.19E-09	2.87E-08	6.34E-09	8.25E-09	1.31E-08	2.31E-09	1.30E-08	7.29E-08
4382	472363.09	3857877.25	1.05E-04	1.03E-04	1.01E-04	3.65E-08	1.10E-07	6.38E-08	6.22E-08	5.64E-08	2.57E-08	2.54E-08	1.22E-09	2.94E-08	6.49E-09	8.45E-09	1.34E-08	2.36E-09	1.33E-08	7.47E-08
4383	472863.09	3857877.25	1.10E-04	1.07E-04	1.05E-04	3.79E-08	1.14E-07	6.63E-08	6.47E-08	5.86E-08	2.67E-08	2.64E-08	1.27E-09	3.06E-08	6.75E-09	8.78E-09	1.39E-08	2.45E-09	1.39E-08	7.76E-08
4384	473363.09	3857877.25	1.12E-04	1.10E-04	1.08E-04	3.89E-08	1.18E-07	6.80E-08	6.64E-08	6.02E-08	2.75E-08	2.71E-08	1.30E-09	3.14E-08	6.93E-09	9.01E-09	1.43E-08	2.52E-09	1.42E-08	7.97E-08
4385	473863.09	3857877.25	1.17E-04	1.14E-04	1.13E-04	4.05E-08	1.22E-07	7.08E-08	6.91E-08	6.26E-08	2.86E-08	2.82E-08	1.35E-09	3.27E-08	7.21E-09	9.38E-09	1.49E-08	2.62E-09	1.48E-08	8.29E-08
4386	474363.09	3857877.25	1.13E-04	1.10E-04	1.09E-04	3.91E-08	1.18E-07	6.83E-08	6.66E-08	6.04E-08	2.76E-08	2.72E-08	1.30E-09	3.15E-08	6.95E-09	9.05E-09	1.44E-08	2.53E-09	1.43E-08	8.00E-08
4387	474863.09	3857877.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
4388	475363.09	3857877.25	8.59E-05	8.38E-05	8.27E-05	2.97E-08	8.98E-08	5.20E-08	5.07E-08	4.60E-08	2.10E-08	2.07E-08	9.93E-10	2.40E-08	5.29E-09	6.88E-09	1.09E-08	1.92E-09	1.09E-08	6.09E-08
4389	475863.09	3857877.25	7.18E-05	7.00E-05	6.91E-05	2.48E-08	7.50E-08	4.34E-08	4.24E-08	3.84E-08	1.75E-08	1.73E-08	8.30E-10	2.00E-08	4.42E-09	5.75E-09	9.13E-09	1.61E-09	9.08E-09	5.09E-08
4390	476363.09	3857877.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
4391	476863.09	3857877.25	9.87E-05	9.64E-05	9.51E-05	3.42E-08	1.03E-07	5.97E-08	5.83E-08	5.28E-08	2.41E-08	2.38E-08	1.14E-09	2.76E-08	6.08E-09	7.92E-09	1.26E-08	2.21E-09	1.25E-08	7.00E-08
4392	477363.09	3857877.25	1.01E-04	9.84E-05	9.71E-05	3.49E-08	1.05E-07	6.10E-08	5.95E-08	5.40E-08	2.46E-08	2.43E-08	1.17E-09	2.81E-08	6.21E-09	8.08E-09	1.28E-08	2.26E-09	1.28E-08	7.14E-08
4393	477863.09	3857877.25	1.02E-04	1.00E-04	9.87E-05	3.55E-08	1.07E-07	6.20E-08	6.05E-08	5.48E-08	2.50E-08	2.47E-08	1.18E-09	2.86E-08	6.31E-09	8.21E-09	1.30E-08	2.30E-09	1.30E-08	7.26E-08

4394	478363.09	3857877.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
4395	478863.09	3857877.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
4396	479363.09	3857877.25	1.40E-04	1.37E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.28E-08	7.51E-08	3.42E-08	3.38E-08	1.62E-09	3.92E-08	8.64E-09	1.12E-08	1.78E-08	3.14E-09	1.77E-08	9.94E-08
4397	479863.09	3857877.25	1.76E-04	1.72E-04	1.70E-04	6.10E-08	1.84E-07	1.07E-07	1.04E-07	9.44E-08	4.31E-08	4.25E-08	2.04E-09	4.92E-08	1.09E-08	1.41E-08	2.24E-08	3.95E-09	2.23E-08	1.25E-07
4398	480363.09	3857877.25	1.96E-04	1.91E-04	1.89E-04	6.79E-08	2.05E-07	1.19E-07	1.16E-07	1.05E-07	4.79E-08	4.73E-08	2.27E-09	5.48E-08	1.21E-08	1.57E-08	2.50E-08	4.40E-09	2.48E-08	1.39E-07
4399	480863.09	3857877.25	2.07E-04	2.02E-04	1.99E-04	7.15E-08	2.16E-07	1.25E-07	1.22E-07	1.11E-07	5.05E-08	4.98E-08	2.39E-09	5.77E-08	1.27E-08	1.66E-08	2.63E-08	4.63E-09	2.61E-08	1.46E-07
4400	481363.09	3857877.25	2.17E-04	2.12E-04	2.09E-04	7.53E-08	2.27E-07	1.32E-07	1.28E-07	1.16E-07	5.31E-08	5.24E-08	2.51E-09	6.07E-08	1.34E-08	1.74E-08	2.76E-08	4.87E-09	2.75E-08	1.54E-07
4401	481863.09	3857877.25	2.34E-04	2.29E-04	2.26E-04	8.11E-08	2.45E-07	1.42E-07	1.38E-07	1.25E-07	5.72E-08	5.65E-08	2.71E-09	6.55E-08	1.44E-08	1.88E-08	2.98E-08	5.25E-09	2.96E-08	1.66E-07
4402	482363.09	3857877.25	2.63E-04	2.57E-04	2.53E-04	9.11E-08	2.75E-07	1.59E-07	1.55E-07	1.41E-07	6.42E-08	6.34E-08	3.04E-09	7.34E-08	1.62E-08	2.11E-08	3.34E-08	5.90E-09	3.33E-08	1.86E-07
4403	482863.09	3857877.25	2.86E-04	2.79E-04	2.75E-04	9.90E-08	2.99E-07	1.73E-07	1.69E-07	1.53E-07	6.98E-08	6.89E-08	3.30E-09	7.98E-08	1.76E-08	2.29E-08	3.64E-08	6.41E-09	3.62E-08	2.03E-07
4404	483363.09	3857877.25	3.08E-04	3.01E-04	2.97E-04	1.07E-07	3.22E-07	1.87E-07	1.82E-07	1.65E-07	7.53E-08	7.43E-08	3.56E-09	8.61E-08	1.90E-08	2.47E-08	3.92E-08	6.91E-09	3.90E-08	2.18E-07
4405	483863.09	3857877.25	3.40E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.31E-08	8.20E-08	3.93E-09	9.50E-08	2.10E-08	2.73E-08	4.33E-08	7.62E-09	4.30E-08	2.41E-07
4406	484363.09	3857877.25	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.29E-08	9.17E-08	4.40E-09	1.06E-07	2.34E-08	3.05E-08	4.84E-08	8.53E-09	4.81E-08	2.70E-07
4407	484863.09	3857877.25	4.48E-04	4.37E-04	4.31E-04	1.55E-07	4.68E-07	2.71E-07	2.64E-07	2.40E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.76E-08	3.59E-08	5.69E-08	1.00E-08	5.66E-08	3.17E-07
4408	485363.09	3857877.25	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.39E-08	6.96E-08	1.23E-08	6.92E-08	3.88E-07
4409	485863.09	3857877.25	7.19E-04	7.01E-04	6.92E-04	2.49E-07	7.51E-07	4.35E-07	4.24E-07	3.85E-07	1.75E-07	1.73E-07	8.31E-09	2.01E-07	4.43E-08	5.76E-08	9.14E-08	1.61E-08	9.09E-08	5.09E-07
4410	486363.09	3857877.25	1.18E-03	1.15E-03	1.13E-03	4.07E-07	1.23E-06	7.11E-07	6.94E-07	6.29E-07	2.87E-07	2.83E-07	1.36E-08	3.28E-07	7.24E-08	9.43E-08	1.50E-07	2.64E-08	1.49E-07	8.33E-07
4411	486863.09	3857877.25	7.49E-03	7.30E-03	7.21E-03	2.59E-06	7.82E-06	4.53E-06	4.42E-06	4.01E-06	1.83E-06	1.80E-06	8.65E-08	2.09E-06	4.61E-07	6.00E-07	9.52E-07	1.68E-07	9.47E-07	5.30E-06
4412	487363.09	3857877.25	3.83E-03	3.73E-03	3.68E-03	1.32E-06	4.00E-06	2.31E-06	2.26E-06	2.05E-06	9.34E-07	9.22E-07	4.42E-08	1.07E-06	2.36E-07	3.07E-07	4.86E-07	8.57E-08	4.84E-07	2.71E-06
4413	487863.09	3857877.25	8.92E-03	8.70E-03	8.59E-03	3.09E-06	9.32E-06	5.40E-06	5.27E-06	4.77E-06	2.18E-06	2.15E-06	1.03E-07	2.49E-06	5.50E-07	7.15E-07	1.13E-06	2.00E-07	1.13E-06	6.32E-06
4414	488363.09	3857877.25	2.61E-03	2.55E-03	2.51E-03	9.04E-07	2.73E-06	1.58E-06	1.54E-06	1.40E-06	6.38E-07	6.29E-07	3.02E-08	7.29E-07	1.61E-07	2.09E-07	3.32E-07	5.85E-08	3.30E-07	1.85E-06
4415	488863.09	3857877.25	1.75E-03	1.70E-03	1.68E-03	6.04E-07	1.82E-06	1.06E-06	1.03E-06	9.34E-07	4.26E-07	4.21E-07	2.02E-08	4.87E-07	1.08E-07	1.40E-07	2.22E-07	3.91E-08	2.21E-07	1.24E-06
4416	489363.09	3857877.25	1.35E-03	1.31E-03	1.30E-03	4.66E-07	1.41E-06	8.15E-07	7.96E-07	7.21E-07	3.29E-07	3.25E-07	1.56E-08	3.76E-07	8.30E-08	1.08E-07	1.71E-07	3.02E-08	1.70E-07	9.55E-07
4417	489863.09	3857877.25	1.11E-03	1.08E-03	1.07E-03	3.84E-07	1.16E-06	6.71E-07	6.55E-07	5.93E-07	2.71E-07	2.67E-07	1.28E-08	3.10E-07	6.83E-08	8.89E-08	1.41E-07	2.48E-08	1.40E-07	7.86E-07
4418	490363.09	3857877.25	9.59E-04	9.36E-04	9.24E-04	3.32E-07	1.00E-06	5.80E-07	5.66E-07	5.13E-07	2.34E-07	2.31E-07	1.11E-08	2.68E-07	5.91E-08	7.69E-08	1.22E-07	2.15E-08	1.21E-07	6.80E-07
4419	490863.09	3857877.25	8.51E-04	8.30E-04	8.19E-04	2.94E-07	8.89E-07	5.15E-07	5.02E-07	4.55E-07	2.08E-07	2.05E-07	9.83E-09	2.37E-07	5.24E-08	6.82E-08	1.08E-07	1.91E-08	1.08E-07	6.03E-07
4420	491363.09	3857877.25	7.34E-04	7.16E-04	7.06E-04	2.54E-07	7.67E-07	4.44E-07	4.33E-07	3.93E-07	1.79E-07	1.77E-07	8.48E-09	2.05E-07	4.52E-08	5.88E-08	9.33E-08	1.64E-08	9.28E-08	5.20E-07
4421	491863.09	3857877.25	6.22E-04	6.07E-04	5.99E-04	2.15E-07	6.50E-07	3.76E-07	3.67E-07	3.33E-07	1.52E-07	1.50E-07	7.19E-09	1.74E-07	3.83E-08	4.99E-08	7.91E-08	1.39E-08	7.87E-08	4.41E-07
4422	492363.09	3857877.25	4.88E-04	4.77E-04	4.70E-04	1.69E-07	5.10E-07	2.95E-07	2.88E-07	2.61E-07	1.19E-07	1.18E-07	5.64E-09	1.36E-07	3.01E-08	3.91E-08	6.21E-08	1.09E-08	6.18E-08	3.46E-07
4423	492863.09	3857877.25	3.96E-04	3.86E-04	3.81E-04	1.37E-07	4.14E-07	2.39E-07	2.34E-07	2.12E-07	9.67E-08	9.54E-08	4.58E-09	1.11E-07	2.44E-08	3.17E-08	5.03E-08	8.87E-09	5.01E-08	2.80E-07
4424	493363.09	3857877.25	3.55E-04	3.47E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.10E-07	1.90E-07	8.67E-08	8.56E-08	4.11E-09	9.92E-08	2.19E-08	2.85E-08	4.52E-08	7.96E-09	4.49E-08	2.52E-07
4425	493863.09	3857877.25	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.12E-08	8.01E-08	3.84E-09	9.28E-08	2.05E-08	2.66E-08	4.23E-08	7.45E-09	4.20E-08	2.35E-07
4426	494363.09	3857877.25	3.17E-04	3.09E-04	3.05E-04	1.10E-07	3.31E-07	1.92E-07	1.87E-07	1.69E-07	7.73E-08	7.63E-08	3.66E-09	8.84E-08	1.95E-08	2.54E-08	4.03E-08	7.09E-09	4.00E-08	2.24E-07
4427	494863.09	3857877.25	2.95E-04	2.88E-04	2.84E-04	1.02E-07	3.08E-07	1.78E-07	1.74E-07	1.58E-07	7.20E-08	7.11E-08	3.41E-09	8.24E-08	1.82E-08	2.36E-08	3.75E-08	6.61E-09	3.73E-08	2.09E-07
4428	495363.09	3857877.25	2.85E-04	2.79E-04	2.75E-04	9.88E-08	2.98E-07	1.73E-07	1.69E-07	1.53E-07	6.97E-08	6.88E-08	3.30E-09	7.97E-08	1.76E-08	2.29E-08	3.63E-08	6.40E-09	3.61E-08	2.02E-07
4429	495863.09	3857877.25	2.77E-04	2.70E-04	2.67E-04	9.59E-08	2.90E-07	1.68E-07	1.64E-07	1.48E-07	6.77E-08	6.68E-08	3.20E-09	7.74E-08	1.71E-08	2.22E-08	3.52E-08	6.21E-09	3.50E-08	1.96E-07
4430	496363.09	3857877.25	2.75E-04	2.69E-04	2.65E-04	9.54E-08	2.88E-07	1.67E-07	1.63E-07	1.47E-07	6.73E-08	6.64E-08	3.18E-09	7.69E-08	1.70E-08	2.21E-08	3.50E-08	6.17E-09	3.48E-08	1.95E-07
4431	496863.09	3857877.25	2.75E-04	2.68E-04	2.65E-04	9.52E-08	2.87E-07	1.66E-07	1.62E-07	1.47E-07	6.72E-08	6.63E-08	3.18E-09	7.68E-08	1.69E-08	2.21E-08	3.50E-08	6.16E-09	3.48E-08	1.95E-07
4432	497363.09	3857877.25	2.73E-04	2.66E-04	2.62E-04	9.44E-08	2.85E-07	1.65E-07	1.61E-07	1.46E-07	6.66E-08	6.57E-08	3.15E-09	7.61E-08	1.68E-08	2.19E-08	3.47E-08	6.11E-09	3.45E-08	1.93E-07
4433	497863.09	3857877.25	2.88E-04	2.81E-04	2.77E-04	9.97E-08	3.01E-07	1.74E-07	1.70E-07	1.54E-07	7.03E-08	6.94E-08	3.33E-09	8.04E-08	1.77E-08	2.31E-08	3.66E-08	6.45E-09	3.64E-08	2.04E-07
4434	498363.09	3857877.25	3.02E-04	2.95E-04	2.91E-04	1.05E-07	3.16E-07	1.83E-07	1.79E-07	1.62E-07	7.39E-08	7.29E-08	3.50E-09	8.44E-08	1.86E-08	2.42E-08	3.85E-08	6.78E-09	3.83E-08	2.14E-07
4435	471363.09	3858377.25	9.96E-05	9.72E-05	9.59E-05	3.45E-08	1.04E-07	6.02E-08	5.88E-08	5.33E-08	2.43E-08	2.40E-08	1.15E-09	2.78E-08	6.13E-09	7.98E-09	1.27E-08	2.23E-09	1.26E-08	7.06E-08
4436	471863.09	3858377.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
4437	472363.09	3858377.25	1.03E-04	1.00E-04	9.91E-05	3.56E-08	1.08E-07	6.23E-08	6.07E-08	5.51E-08	2.51E-08	2.48E-08	1.19E-09	2.87E-08	6.34E-09	8.25E-09	1.31E-08	2.31E-09	1.30E-08	7.29E-08
4438	472863.09	3858377.25	1.05E-04	1.03E-04	1.01E-04	3.65E-08	1.10E-07	6.38E-08	6.22E-08	5.64E-08	2.57E-08	2.54E-08	1.22E-09	2.94E-08	6.49E-09	8.45E-09	1.34E-08	2.36E-09	1.33E-08	7.47E-08
4439	473363.09	3858377.25	1.11E-04	1.08E-04	1.07E-04	3.83E-08	1.16E-07	6.70E-08	6.54E-08	5.93E-08	2.71E-08	2.67E-08	1.28E-09	3.09E-08	6.83E-09	8.88E-09	1.41E-08	2.48E-09	1.40E-08	7.85E-08
4440	473863.09	3858377.25	1.11E-04	1.08E-04	1.07E-04	3.85E-08	1.16E-07	6.73E-08	6.56E-08	5.95E-08	2.72E-08	2.68E-08	1.29E-09	3.10E-08	6.85E-09	8.91E-09	1.41E-08	2.49E-09	1.41E-08	7.88E-08
4441	474363.09	3858377.25	1.05E-04	1.03E-04	1.01E-04	3.65E-08	1.10E-07	6.38E-08	6.22E-08	5.64E-08	2.57E-08	2.54E-08	1.22E-09	2.94E-08	6.49E-09	8.45E-09	1.34E-08	2.36E-09	1.33E-08	7.47E-08
4442	474863.09	3858377.25	9.87E-05	9.64E-05	9.51E-05	3.42E-08	1.03E-07	5.97E-08	5.83E-08	5.28E-08	2.41E-08	2.38E-08	1.14E-09	2.76E-08	6.08E-09	7.92E-09	1.26E-08	2.21E-09	1.25E-08	7.00E-08
4443	475363.09	3858377.25	8.71E-05	8.50E-05	8.39E-05	3.02E-08	9.11E-08	5.27E-08	5.14E-08	4.66E-08	2.13E-08	2.10E-08	1.01E-09	2.43E-08	5.37E-09	6.98E-09	1.11E-08	1.95E-09	1.10E-08	6.17E-08
4444	475863.09	3858377.25	8.09E-05	7.89E-05	7.79E-05	2.80E-08	8.46E-08	4.90E-08	4.78E-08	4.33E-08	1.98E-08	1.95E-08	9.35E-10	2.26E-08	4.98E-09	6.49E-09	1.03E-08	1.81E-09	1.02E-08	5.73E-08
4445	476363.09	3858377.25	8.34E-05	8.14E-05	8.03E-05	2.89E-08	8.72E-08	5.05E-08	4.92E-08	4.46E-08	2.04E-08	2.01E-08	9.64E-10	2.33E-08	5.14E-09	6.68E-09	1.06E-08	1.87E-09	1.05E-08	5.91E-08
4446	476863.09	3858377.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
4447	477363.09	3858377.25	8.80E-05	8.58E-05	8.47E-05	3.04E-08	9.19E-08	5.32E-08	5.19E-08	4.71E-08	2.15E-08	2.12E-08	1.02E-09	2.46E-08	5.42E-09	7.05E-09	1.12E-08	1.97E-09	1.11E-08	6.23E-08
4448	477863.09	3858377.25	9.67E-05	9.43E-05	9.31E-05	3.35E-08	1.01E-07	5.85E-08	5.71E-08	5.17E-08	2.36E-08	2.33E-08	1.12E-09	2.70E-08	5.96E-09	7.75E-09	1.23E-08	2.17E-09	1.22E-08	6.85E-08

4449	478363.09	3858377.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
4450	478863.09	3858377.25	9.58E-05	9.35E-05	9.23E-05	3.32E-08	1.00E-07	5.80E-08	5.66E-08	5.13E-08	2.34E-08	2.31E-08	1.11E-09	2.68E-08	5.90E-09	7.68E-09	1.22E-08	2.15E-09	1.21E-08	6.79E-08
4451	479363.09	3858377.25	1.33E-04	1.30E-04	1.28E-04	4.61E-08	1.39E-07	8.06E-08	7.86E-08	7.13E-08	3.25E-08	3.21E-08	1.54E-09	3.72E-08	8.21E-09	1.07E-08	1.69E-08	2.98E-09	1.68E-08	9.44E-08
4452	479863.09	3858377.25	1.69E-04	1.65E-04	1.63E-04	5.86E-08	1.77E-07	1.02E-07	9.99E-08	9.06E-08	4.13E-08	4.08E-08	1.96E-09	4.73E-08	1.04E-08	1.36E-08	2.15E-08	3.79E-09	2.14E-08	1.20E-07
4453	480363.09	3858377.25	1.88E-04	1.84E-04	1.81E-04	6.52E-08	1.97E-07	1.14E-07	1.11E-07	1.01E-07	4.60E-08	4.54E-08	2.18E-09	5.26E-08	1.16E-08	1.51E-08	2.40E-08	4.22E-09	2.38E-08	1.33E-07
4454	480863.09	3858377.25	1.98E-04	1.94E-04	1.91E-04	6.86E-08	2.07E-07	1.20E-07	1.17E-07	1.06E-07	4.84E-08	4.78E-08	2.29E-09	5.54E-08	1.22E-08	1.59E-08	2.52E-08	4.44E-09	2.51E-08	1.41E-07
4455	481363.09	3858377.25	2.10E-04	2.05E-04	2.03E-04	7.28E-08	2.20E-07	1.27E-07	1.24E-07	1.13E-07	5.14E-08	5.07E-08	2.43E-09	5.87E-08	1.30E-08	1.69E-08	2.67E-08	4.71E-09	2.66E-08	1.49E-07
4456	481863.09	3858377.25	2.19E-04	2.14E-04	2.11E-04	7.60E-08	2.29E-07	1.33E-07	1.30E-07	1.17E-07	5.36E-08	5.29E-08	2.54E-09	6.13E-08	1.35E-08	1.76E-08	2.79E-08	4.92E-09	2.78E-08	1.56E-07
4457	482363.09	3858377.25	2.36E-04	2.30E-04	2.27E-04	8.16E-08	2.46E-07	1.43E-07	1.39E-07	1.26E-07	5.76E-08	5.68E-08	2.72E-09	6.58E-08	1.45E-08	1.89E-08	3.00E-08	5.28E-09	2.98E-08	1.67E-07
4458	482863.09	3858377.25	2.59E-04	2.53E-04	2.49E-04	8.96E-08	2.71E-07	1.57E-07	1.53E-07	1.39E-07	6.32E-08	6.24E-08	2.99E-09	7.23E-08	1.60E-08	2.08E-08	3.29E-08	5.80E-09	3.27E-08	1.83E-07
4459	483363.09	3858377.25	2.80E-04	2.73E-04	2.69E-04	9.68E-08	2.92E-07	1.69E-07	1.65E-07	1.50E-07	6.83E-08	6.74E-08	3.23E-09	7.81E-08	1.72E-08	2.24E-08	3.56E-08	6.27E-09	3.54E-08	1.98E-07
4460	483863.09	3858377.25	3.00E-04	2.93E-04	2.89E-04	1.04E-07	3.14E-07	1.81E-07	1.77E-07	1.61E-07	7.33E-08	7.23E-08	3.47E-09	8.38E-08	1.85E-08	2.40E-08	3.81E-08	6.72E-09	3.79E-08	2.13E-07
4461	484363.09	3858377.25	3.29E-04	3.21E-04	3.17E-04	1.14E-07	3.44E-07	1.99E-07	1.94E-07	1.76E-07	8.03E-08	7.93E-08	3.80E-09	9.19E-08	2.03E-08	2.64E-08	4.18E-08	7.37E-09	4.16E-08	2.33E-07
4462	484863.09	3858377.25	3.71E-04	3.62E-04	3.58E-04	1.29E-07	3.88E-07	2.25E-07	2.19E-07	1.99E-07	9.07E-08	8.95E-08	4.29E-09	1.04E-07	2.29E-08	2.98E-08	4.72E-08	8.32E-09	4.70E-08	2.63E-07
4463	485363.09	3858377.25	4.31E-04	4.21E-04	4.15E-04	1.49E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.99E-09	1.20E-07	2.66E-08	3.46E-08	5.49E-08	9.67E-09	5.46E-08	3.06E-07
4464	485863.09	3858377.25	5.13E-04	5.01E-04	4.94E-04	1.78E-07	5.36E-07	3.11E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.93E-09	1.43E-07	3.16E-08	4.11E-08	6.53E-08	1.15E-08	6.49E-08	3.64E-07
4465	486363.09	3858377.25	6.39E-04	6.23E-04	6.15E-04	2.21E-07	6.68E-07	3.87E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.39E-09	1.78E-07	3.94E-08	5.12E-08	8.13E-08	1.43E-08	8.08E-08	4.53E-07
4466	486863.09	3858377.25	8.74E-04	8.53E-04	8.42E-04	3.03E-07	9.14E-07	5.29E-07	5.16E-07	4.68E-07	2.13E-07	2.11E-07	1.01E-08	2.44E-07	5.39E-08	7.01E-08	1.11E-07	1.96E-08	1.11E-07	6.19E-07
4467	487363.09	3858377.25	1.56E-03	1.52E-03	1.50E-03	5.40E-07	1.63E-06	9.44E-07	9.22E-07	8.35E-07	3.81E-07	3.76E-07	1.80E-08	4.36E-07	9.62E-08	1.25E-07	1.98E-07	3.50E-08	1.97E-07	1.11E-06
4468	487863.09	3858377.25	2.00E-02	1.95E-02	1.93E-02	6.93E-06	2.09E-05	1.21E-05	1.18E-05	1.07E-05	4.89E-06	4.83E-06	2.32E-07	5.59E-06	1.23E-06	1.61E-06	2.55E-06	4.49E-07	2.53E-06	1.42E-05
4469	488363.09	3858377.25	1.25E-02	1.22E-02	1.20E-02	4.31E-06	1.30E-05	7.54E-06	7.36E-06	6.67E-06	3.04E-06	3.00E-06	1.44E-07	3.48E-06	7.68E-07	9.99E-07	1.58E-06	2.79E-07	1.58E-06	8.83E-06
4470	488863.09	3858377.25	3.15E-03	3.08E-03	3.04E-03	1.09E-06	3.30E-06	1.91E-06	1.86E-06	1.69E-06	7.70E-07	7.60E-07	3.65E-08	8.81E-07	1.94E-07	2.53E-07	4.01E-07	7.07E-08	3.99E-07	2.24E-06
4471	489363.09	3858377.25	1.99E-03	1.94E-03	1.91E-03	6.88E-07	2.08E-06	1.20E-06	1.17E-06	1.06E-06	4.85E-07	4.79E-07	2.30E-08	5.55E-07	1.22E-07	1.59E-07	2.53E-07	4.45E-08	2.51E-07	1.41E-06
4472	489863.09	3858377.25	1.50E-03	1.46E-03	1.44E-03	5.19E-07	1.57E-06	9.07E-07	8.85E-07	8.02E-07	3.66E-07	3.61E-07	1.73E-08	4.18E-07	9.23E-08	1.20E-07	1.91E-07	3.36E-08	1.90E-07	1.06E-06
4473	490363.09	3858377.25	1.22E-03	1.19E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.21E-07	6.54E-07	2.98E-07	2.94E-07	1.41E-08	3.41E-07	7.52E-08	9.79E-08	1.55E-07	2.74E-08	1.54E-07	8.65E-07
4474	490863.09	3858377.25	1.04E-03	1.01E-03	9.99E-04	3.59E-07	1.08E-06	6.28E-07	6.13E-07	5.56E-07	2.54E-07	2.50E-07	1.20E-08	2.90E-07	6.40E-08	8.32E-08	1.32E-07	2.33E-08	1.31E-07	7.36E-07
4475	491363.09	3858377.25	8.51E-04	8.30E-04	8.19E-04	2.95E-07	8.89E-07	5.15E-07	5.02E-07	4.55E-07	2.08E-07	2.05E-07	9.84E-09	2.38E-07	5.24E-08	6.82E-08	1.08E-07	1.91E-08	1.08E-07	6.03E-07
4476	491863.09	3858377.25	6.48E-04	6.32E-04	6.24E-04	2.24E-07	6.77E-07	3.92E-07	3.83E-07	3.47E-07	1.58E-07	1.56E-07	7.49E-09	1.81E-07	3.99E-08	5.19E-08	8.24E-08	1.45E-08	8.20E-08	4.59E-07
4477	492363.09	3858377.25	5.02E-04	4.90E-04	4.83E-04	1.74E-07	5.25E-07	3.04E-07	2.96E-07	2.69E-07	1.23E-07	1.21E-07	5.80E-09	1.40E-07	3.09E-08	4.02E-08	6.38E-08	1.13E-08	6.35E-08	3.56E-07
4478	492863.09	3858377.25	4.95E-04	4.83E-04	4.77E-04	1.71E-07	5.17E-07	2.99E-07	2.92E-07	2.65E-07	1.21E-07	1.19E-07	5.72E-09	1.38E-07	3.05E-08	3.97E-08	6.29E-08	1.11E-08	6.26E-08	3.51E-07
4479	493363.09	3858377.25	4.43E-04	4.32E-04	4.27E-04	1.53E-07	4.63E-07	2.68E-07	2.62E-07	2.37E-07	1.08E-07	1.07E-07	5.12E-09	1.24E-07	2.73E-08	3.55E-08	5.63E-08	9.93E-09	5.60E-08	3.14E-07
4480	493863.09	3858377.25	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.27E-07	2.47E-07	2.41E-07	2.19E-07	9.97E-08	9.84E-08	4.72E-09	1.14E-07	2.52E-08	3.27E-08	5.19E-08	9.15E-09	5.16E-08	2.89E-07
4481	494363.09	3858377.25	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.27E-07	2.22E-07	2.01E-07	9.18E-08	9.06E-08	4.34E-09	1.05E-07	2.32E-08	3.01E-08	4.78E-08	8.42E-09	4.75E-08	2.66E-07
4482	494863.09	3858377.25	3.51E-04	3.43E-04	3.38E-04	1.22E-07	3.67E-07	2.13E-07	2.07E-07	1.88E-07	8.58E-08	8.47E-08	4.06E-09	9.81E-08	2.17E-08	2.82E-08	4.47E-08	7.88E-09	4.44E-08	2.49E-07
4483	495363.09	3858377.25	3.27E-04	3.19E-04	3.14E-04	1.13E-07	3.41E-07	1.98E-07	1.93E-07	1.75E-07	7.97E-08	7.87E-08	3.77E-09	9.12E-08	2.01E-08	2.62E-08	4.15E-08	7.32E-09	4.13E-08	2.31E-07
4484	495863.09	3858377.25	3.18E-04	3.10E-04	3.06E-04	1.10E-07	3.32E-07	1.92E-07	1.88E-07	1.70E-07	7.76E-08	7.66E-08	3.67E-09	8.87E-08	1.96E-08	2.55E-08	4.04E-08	7.12E-09	4.02E-08	2.25E-07
4485	496363.09	3858377.25	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.82E-07	1.65E-07	7.55E-08	7.45E-08	3.57E-09	8.63E-08	1.90E-08	2.48E-08	3.93E-08	6.93E-09	3.91E-08	2.19E-07
4486	496863.09	3858377.25	3.12E-04	3.04E-04	3.00E-04	1.08E-07	3.26E-07	1.89E-07	1.84E-07	1.67E-07	7.61E-08	7.51E-08	3.60E-09	8.70E-08	1.92E-08	2.50E-08	3.96E-08	6.98E-09	3.94E-08	2.21E-07
4487	497363.09	3858377.25	3.09E-04	3.01E-04	2.97E-04	1.07E-07	3.23E-07	1.87E-07	1.82E-07	1.65E-07	7.54E-08	7.44E-08	3.57E-09	8.62E-08	1.90E-08	2.47E-08	3.93E-08	6.92E-09	3.90E-08	2.19E-07
4488	497863.09	3858377.25	3.22E-04	3.14E-04	3.10E-04	1.11E-07	3.36E-07	1.95E-07	1.90E-07	1.72E-07	7.86E-08	7.76E-08	3.72E-09	8.99E-08	1.98E-08	2.58E-08	4.09E-08	7.22E-09	4.07E-08	2.28E-07
4489	498363.09	3858377.25	3.41E-04	3.32E-04	3.28E-04	1.18E-07	3.56E-07	2.06E-07	2.01E-07	1.82E-07	8.32E-08	8.21E-08	3.94E-09	9.51E-08	2.10E-08	2.73E-08	4.33E-08	7.63E-09	4.31E-08	2.41E-07
4490	471363.09	3858877.25	9.71E-05	9.47E-05	9.35E-05	3.36E-08	1.01E-07	5.87E-08	5.73E-08	5.20E-08	2.37E-08	2.34E-08	1.12E-09	2.71E-08	5.98E-09	7.78E-09	1.23E-08	2.18E-09	1.23E-08	6.88E-08
4491	471863.09	3858877.25	9.83E-05	9.59E-05	9.47E-05	3.40E-08	1.03E-07	5.95E-08	5.81E-08	5.26E-08	2.40E-08	2.37E-08	1.14E-09	2.75E-08	6.06E-09	7.88E-09	1.25E-08	2.20E-09	1.24E-08	6.97E-08
4492	472363.09	3858877.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
4493	472863.09	3858877.25	1.04E-04	1.02E-04	1.00E-04	3.60E-08	1.09E-07	6.30E-08	6.15E-08	5.57E-08	2.54E-08	2.51E-08	1.20E-09	2.91E-08	6.42E-09	8.35E-09	1.32E-08	2.33E-09	1.32E-08	7.38E-08
4494	473363.09	3858877.25	1.08E-04	1.06E-04	1.04E-04	3.75E-08	1.13E-07	6.55E-08	6.39E-08	5.80E-08	2.64E-08	2.61E-08	1.25E-09	3.02E-08	6.67E-09	8.68E-09	1.38E-08	2.43E-09	1.37E-08	7.67E-08
4495	473863.09	3858877.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
4496	474363.09	3858877.25	1.05E-04	1.02E-04	1.01E-04	3.62E-08	1.09E-07	6.33E-08	6.17E-08	5.60E-08	2.55E-08	2.52E-08	1.21E-09	2.92E-08	6.44E-09	8.38E-09	1.33E-08	2.34E-09	1.32E-08	7.41E-08
4497	474863.09	3858877.25	8.26E-05	8.06E-05	7.95E-05	2.86E-08	8.63E-08	5.00E-08	4.87E-08	4.42E-08	2.02E-08	1.99E-08	9.54E-10	2.31E-08	5.09E-09	6.62E-09	1.05E-08	1.85E-09	1.04E-08	5.85E-08
4498	475363.09	3858877.25	7.68E-05	7.49E-05	7.39E-05	2.66E-08	8.02E-08	4.64E-08	4.53E-08	4.11E-08	1.87E-08	1.85E-08	8.87E-10	2.14E-08	4.73E-09	6.15E-09	9.76E-09	1.72E-09	9.71E-09	5.44E-08
4499	475863.09	3858877.25	8.01E-05	7.81E-05	7.71E-05	2.77E-08	8.37E-08	4.84E-08	4.73E-08	4.29E-08	1.96E-08	1.93E-08	9.26E-10	2.24E-08	4.93E-09	6.42E-09	1.02E-08	1.79E-09	1.01E-08	5.67E-08
4500	476363.09	3858877.25	7.18E-05	7.00E-05	6.91E-05	2.48E-08	7.50E-08	4.34E-08	4.24E-08	3.84E-08	1.75E-08	1.73E-08	8.30E-10	2.00E-08	4.42E-09	5.75E-09	9.13E-09	1.61E-09	9.08E-09	5.09E-08
4501	476863.09	3858877.25	7.76E-05	7.57E-05	7.47E-05	2.69E-08	8.11E-08	4.69E-08	4.58E-08	4.15E-08	1.89E-08	1.87E-08	8.97E-10	2.17E-08	4.78E-09	6.22E-09	9.87E-09	1.74E-09	9.81E-09	5.50E-08
4502	477363.09	3858877.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
4503	477863.09	3858877.25	8.55E-05	8.34E-05	8.23E-05	2.96E-08	8.93E-08	5.17E-08	5.05E-08	4.57E-08	2.09E-08	2.06E-08	9.88E-10	2.39E-08	5.27E-09	6.85E-09	1.09E-08	1.92E-09	1.08E-08	6.06E-08

4504	478363.09	3858877.25	1.06E-04	1.04E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.27E-08	5.68E-08	2.59E-08	2.56E-08	1.23E-09	2.97E-08	6.54E-09	8.51E-09	1.35E-08	2.38E-09	1.34E-08	7.53E-08
4505	478863.09	3858877.25	1.04E-04	1.01E-04	9.99E-05	3.59E-08	1.08E-07	6.28E-08	6.12E-08	5.55E-08	2.53E-08	2.50E-08	1.20E-09	2.90E-08	6.39E-09	8.31E-09	1.32E-08	2.32E-09	1.31E-08	7.35E-08
4506	479363.09	3858877.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
4507	479863.09	3858877.25	1.61E-04	1.57E-04	1.55E-04	5.57E-08	1.68E-07	9.74E-08	9.50E-08	8.62E-08	3.93E-08	3.88E-08	1.86E-09	4.49E-08	9.92E-09	1.29E-08	2.05E-08	3.61E-09	2.04E-08	1.14E-07
4508	480363.09	3858877.25	1.73E-04	1.69E-04	1.67E-04	5.99E-08	1.81E-07	1.05E-07	1.02E-07	9.26E-08	4.23E-08	4.17E-08	2.00E-09	4.83E-08	1.07E-08	1.39E-08	2.20E-08	3.88E-09	2.19E-08	1.23E-07
4509	480863.09	3858877.25	1.83E-04	1.79E-04	1.77E-04	6.35E-08	1.92E-07	1.11E-07	1.08E-07	9.81E-08	4.48E-08	4.42E-08	2.12E-09	5.12E-08	1.13E-08	1.47E-08	2.33E-08	4.11E-09	2.32E-08	1.30E-07
4510	481363.09	3858877.25	1.93E-04	1.89E-04	1.86E-04	6.69E-08	2.02E-07	1.17E-07	1.14E-07	1.03E-07	4.72E-08	4.66E-08	2.23E-09	5.40E-08	1.19E-08	1.55E-08	2.46E-08	4.33E-09	2.45E-08	1.37E-07
4511	481863.09	3858877.25	2.05E-04	2.00E-04	1.97E-04	7.09E-08	2.14E-07	1.24E-07	1.21E-07	1.10E-07	5.01E-08	4.94E-08	2.37E-09	5.72E-08	1.26E-08	1.64E-08	2.61E-08	4.59E-09	2.59E-08	1.45E-07
4512	482363.09	3858877.25	2.18E-04	2.13E-04	2.10E-04	7.54E-08	2.28E-07	1.32E-07	1.29E-07	1.17E-07	5.32E-08	5.25E-08	2.52E-09	6.08E-08	1.34E-08	1.75E-08	2.77E-08	4.88E-09	2.75E-08	1.54E-07
4513	482863.09	3858877.25	2.33E-04	2.27E-04	2.24E-04	8.06E-08	2.43E-07	1.41E-07	1.37E-07	1.25E-07	5.68E-08	5.61E-08	2.69E-09	6.50E-08	1.43E-08	1.87E-08	2.96E-08	5.22E-09	2.94E-08	1.65E-07
4514	483363.09	3858877.25	2.62E-04	2.55E-04	2.52E-04	9.06E-08	2.74E-07	1.58E-07	1.55E-07	1.40E-07	6.39E-08	6.31E-08	3.03E-09	7.31E-08	1.61E-08	2.10E-08	3.33E-08	5.87E-09	3.31E-08	1.86E-07
4515	483863.09	3858877.25	2.77E-04	2.70E-04	2.67E-04	9.59E-08	2.90E-07	1.68E-07	1.64E-07	1.48E-07	6.77E-08	6.68E-08	3.20E-09	7.74E-08	1.71E-08	2.22E-08	3.52E-08	6.21E-09	3.50E-08	1.96E-07
4516	484363.09	3858877.25	2.96E-04	2.89E-04	2.85E-04	1.03E-07	3.10E-07	1.79E-07	1.75E-07	1.59E-07	7.23E-08	7.14E-08	3.42E-09	8.27E-08	1.83E-08	2.37E-08	3.77E-08	6.64E-09	3.75E-08	2.10E-07
4517	484863.09	3858877.25	3.20E-04	3.13E-04	3.08E-04	1.11E-07	3.35E-07	1.94E-07	1.89E-07	1.71E-07	7.82E-08	7.72E-08	3.70E-09	8.94E-08	1.97E-08	2.57E-08	4.07E-08	7.18E-09	4.05E-08	2.27E-07
4518	485363.09	3858877.25	3.57E-04	3.49E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.72E-08	8.61E-08	4.13E-09	9.97E-08	2.20E-08	2.86E-08	4.54E-08	8.01E-09	4.52E-08	2.53E-07
4519	485863.09	3858877.25	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.27E-07	2.47E-07	2.41E-07	2.19E-07	9.97E-08	9.84E-08	4.72E-09	1.14E-07	2.52E-08	3.27E-08	5.19E-08	9.15E-09	5.16E-08	2.89E-07
4520	486363.09	3858877.25	4.73E-04	4.62E-04	4.56E-04	1.64E-07	4.95E-07	2.86E-07	2.79E-07	2.53E-07	1.16E-07	1.14E-07	5.47E-09	1.32E-07	2.92E-08	3.79E-08	6.02E-08	1.06E-08	5.99E-08	3.35E-07
4521	486863.09	3858877.25	5.70E-04	5.57E-04	5.49E-04	1.97E-07	5.96E-07	3.45E-07	3.37E-07	3.05E-07	1.39E-07	1.37E-07	6.59E-09	1.59E-07	3.51E-08	4.57E-08	7.25E-08	1.28E-08	7.21E-08	4.04E-07
4522	487363.09	3858877.25	7.40E-04	7.22E-04	7.12E-04	2.56E-07	7.73E-07	4.48E-07	4.37E-07	3.96E-07	1.81E-07	1.78E-07	8.55E-09	2.07E-07	4.56E-08	5.93E-08	9.41E-08	1.66E-08	9.36E-08	5.24E-07
4523	487863.09	3858877.25	1.07E-03	1.04E-03	1.03E-03	3.70E-07	1.12E-06	6.47E-07	6.31E-07	5.72E-07	2.61E-07	2.58E-07	1.24E-08	2.99E-07	6.59E-08	8.57E-08	1.36E-07	2.40E-08	1.35E-07	7.58E-07
4524	488363.09	3858877.25	2.27E-03	2.22E-03	2.19E-03	7.87E-07	2.38E-06	1.38E-06	1.34E-06	1.22E-06	5.55E-07	5.48E-07	2.63E-08	6.35E-07	1.40E-07	1.82E-07	2.89E-07	5.10E-08	2.88E-07	1.61E-06
4525	488863.09	3858877.25	2.42E-02	2.36E-02	2.33E-02	8.37E-06	2.53E-05	1.46E-05	1.43E-05	1.29E-05	5.90E-06	5.82E-06	2.79E-07	6.75E-06	1.49E-06	1.94E-06	3.07E-06	5.42E-07	3.06E-06	1.71E-05
4526	489363.09	3858877.25	4.56E-03	4.45E-03	4.39E-03	1.58E-06	4.76E-06	2.76E-06	2.69E-06	2.44E-06	1.11E-06	1.10E-06	5.27E-08	1.27E-06	2.81E-07	3.65E-07	5.79E-07	1.02E-07	5.76E-07	3.23E-06
4527	489863.09	3858877.25	2.56E-03	2.49E-03	2.46E-03	8.85E-07	2.67E-06	1.55E-06	1.51E-06	1.37E-06	6.24E-07	6.16E-07	2.96E-08	7.14E-07	1.58E-07	2.05E-07	3.25E-07	5.73E-08	3.23E-07	1.81E-06
4528	490363.09	3858877.25	1.77E-03	1.73E-03	1.70E-03	6.13E-07	1.85E-06	1.07E-06	1.05E-06	9.48E-07	4.32E-07	4.27E-07	2.05E-08	4.94E-07	1.09E-07	1.42E-07	2.25E-07	3.97E-08	2.24E-07	1.25E-06
4529	490863.09	3858877.25	1.26E-03	1.23E-03	1.21E-03	4.35E-07	1.31E-06	7.61E-07	7.42E-07	6.73E-07	3.07E-07	3.03E-07	1.45E-08	3.51E-07	7.75E-08	1.01E-07	1.60E-07	2.82E-08	1.59E-07	8.91E-07
4530	491363.09	3858877.25	9.02E-04	8.80E-04	8.68E-04	3.12E-07	9.42E-07	5.45E-07	5.32E-07	4.83E-07	2.20E-07	2.17E-07	1.04E-08	2.52E-07	5.55E-08	7.23E-08	1.15E-07	2.02E-08	1.14E-07	6.39E-07
4531	491863.09	3858877.25	6.86E-04	6.70E-04	6.61E-04	2.38E-07	7.17E-07	4.15E-07	4.05E-07	3.67E-07	1.68E-07	1.65E-07	7.93E-09	1.92E-07	4.23E-08	5.50E-08	8.73E-08	1.54E-08	8.68E-08	4.86E-07
4532	492363.09	3858877.25	6.72E-04	6.55E-04	6.47E-04	2.33E-07	7.02E-07	4.06E-07	3.97E-07	3.60E-07	1.64E-07	1.62E-07	7.76E-09	1.88E-07	4.14E-08	5.38E-08	8.54E-08	1.51E-08	8.49E-08	4.76E-07
4533	492863.09	3858877.25	6.82E-04	6.66E-04	6.57E-04	2.36E-07	7.13E-07	4.13E-07	4.03E-07	3.65E-07	1.67E-07	1.64E-07	7.88E-09	1.90E-07	4.20E-08	5.47E-08	8.67E-08	1.53E-08	8.63E-08	4.83E-07
4534	493363.09	3858877.25	6.04E-04	5.89E-04	5.82E-04	2.09E-07	6.31E-07	3.65E-07	3.57E-07	3.23E-07	1.48E-07	1.46E-07	6.98E-09	1.69E-07	3.72E-08	4.84E-08	7.68E-08	1.35E-08	7.64E-08	4.28E-07
4535	493863.09	3858877.25	5.17E-04	5.04E-04	4.98E-04	1.79E-07	5.40E-07	3.13E-07	3.05E-07	2.77E-07	1.26E-07	1.25E-07	5.98E-09	1.44E-07	3.19E-08	4.14E-08	6.57E-08	1.16E-08	6.54E-08	3.66E-07
4536	494363.09	3858877.25	4.73E-04	4.61E-04	4.55E-04	1.64E-07	4.94E-07	2.86E-07	2.79E-07	2.53E-07	1.15E-07	1.14E-07	5.46E-09	1.32E-07	2.91E-08	3.79E-08	6.01E-08	1.06E-08	5.98E-08	3.35E-07
4537	494863.09	3858877.25	4.30E-04	4.20E-04	4.14E-04	1.49E-07	4.50E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.64E-09	5.44E-08	3.05E-07
4538	495363.09	3858877.25	3.95E-04	3.86E-04	3.81E-04	1.37E-07	4.13E-07	2.39E-07	2.33E-07	2.12E-07	9.66E-08	9.53E-08	4.57E-09	1.10E-07	2.44E-08	3.17E-08	5.03E-08	8.86E-09	5.00E-08	2.80E-07
4539	495863.09	3858877.25	3.75E-04	3.66E-04	3.61E-04	1.30E-07	3.92E-07	2.27E-07	2.21E-07	2.01E-07	9.15E-08	9.03E-08	4.33E-09	1.05E-07	2.31E-08	3.00E-08	4.76E-08	8.40E-09	4.74E-08	2.65E-07
4540	496363.09	3858877.25	3.63E-04	3.55E-04	3.50E-04	1.26E-07	3.80E-07	2.20E-07	2.15E-07	1.95E-07	8.88E-08	8.76E-08	4.20E-09	1.01E-07	2.24E-08	2.91E-08	4.62E-08	8.15E-09	4.60E-08	2.58E-07
4541	496863.09	3858877.25	3.54E-04	3.46E-04	3.41E-04	1.23E-07	3.70E-07	2.14E-07	2.09E-07	1.90E-07	8.65E-08	8.54E-08	4.10E-09	9.89E-08	2.18E-08	2.84E-08	4.51E-08	7.94E-09	4.48E-08	2.51E-07
4542	497363.09	3858877.25	3.46E-04	3.38E-04	3.34E-04	1.20E-07	3.62E-07	2.10E-07	2.05E-07	1.85E-07	8.46E-08	8.35E-08	4.00E-09	9.67E-08	2.13E-08	2.78E-08	4.41E-08	7.76E-09	4.38E-08	2.45E-07
4543	497863.09	3858877.25	3.62E-04	3.53E-04	3.49E-04	1.25E-07	3.79E-07	2.19E-07	2.14E-07	1.94E-07	8.85E-08	8.73E-08	4.19E-09	1.01E-07	2.23E-08	2.90E-08	4.61E-08	8.12E-09	4.58E-08	2.57E-07
4544	498363.09	3858877.25	3.80E-04	3.71E-04	3.66E-04	1.32E-07	3.97E-07	2.30E-07	2.24E-07	2.03E-07	9.28E-08	9.16E-08	4.39E-09	1.06E-07	2.34E-08	3.05E-08	4.83E-08	8.52E-09	4.81E-08	2.69E-07
4545	471363.09	3859377.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
4546	471863.09	3859377.25	9.67E-05	9.43E-05	9.31E-05	3.35E-08	1.01E-07	5.85E-08	5.71E-08	5.17E-08	2.36E-08	2.33E-08	1.12E-09	2.70E-08	5.96E-09	7.75E-09	1.23E-08	2.17E-09	1.22E-08	6.85E-08
4547	472363.09	3859377.25	9.92E-05	9.68E-05	9.55E-05	3.43E-08	1.04E-07	6.00E-08	5.85E-08	5.31E-08	2.42E-08	2.39E-08	1.15E-09	2.77E-08	6.11E-09	7.95E-09	1.26E-08	2.22E-09	1.25E-08	7.03E-08
4548	472863.09	3859377.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
4549	473363.09	3859377.25	1.05E-04	1.02E-04	1.01E-04	3.63E-08	1.10E-07	6.35E-08	6.20E-08	5.62E-08	2.56E-08	2.53E-08	1.21E-09	2.93E-08	6.47E-09	8.41E-09	1.33E-08	2.35E-09	1.33E-08	7.44E-08
4550	473863.09	3859377.25	1.07E-04	1.04E-04	1.03E-04	3.69E-08	1.11E-07	6.45E-08	6.30E-08	5.71E-08	2.60E-08	2.57E-08	1.23E-09	2.98E-08	6.57E-09	8.55E-09	1.36E-08	2.39E-09	1.35E-08	7.56E-08
4551	474363.09	3859377.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
4552	474863.09	3859377.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08
4553	475363.09	3859377.25	8.09E-05	7.89E-05	7.79E-05	2.80E-08	8.46E-08	4.90E-08	4.78E-08	4.33E-08	1.98E-08	1.95E-08	9.35E-10	2.26E-08	4.98E-09	6.49E-09	1.03E-08	1.81E-09	1.02E-08	5.73E-08
4554	475863.09	3859377.25	7.26E-05	7.08E-05	6.99E-05	2.51E-08	7.59E-08	4.39E-08	4.29E-08	3.89E-08	1.77E-08	1.75E-08	8.39E-10	2.03E-08	4.47E-09	5.82E-09	9.23E-09	1.63E-09	9.18E-09	5.14E-08
4555	476363.09	3859377.25	7.14E-05	6.96E-05	6.87E-05	2.47E-08	7.46E-08	4.32E-08	4.21E-08	3.82E-08	1.74E-08	1.72E-08	8.25E-10	1.99E-08	4.40E-09	5.72E-09	9.07E-09	1.60E-09	9.02E-09	5.06E-08
4556	476863.09	3859377.25	6.85E-05	6.68E-05	6.59E-05	2.37E-08	7.15E-08	4.14E-08	4.04E-08	3.66E-08	1.67E-08	1.65E-08	7.91E-10	1.91E-08	4.22E-09	5.49E-09	8.71E-09	1.53E-09	8.66E-09	4.85E-08
4557	477363.09	3859377.25	7.14E-05	6.96E-05	6.87E-05	2.47E-08	7.46E-08	4.32E-08	4.21E-08	3.82E-08	1.74E-08	1.72E-08	8.25E-10	1.99E-08	4.40E-09	5.72E-09	9.07E-09	1.60E-09	9.02E-09	5.06E-08
4558	477863.09	3859377.25	8.38E-05	8.18E-05	8.07E-05	2.90E-08	8.76E-08	5.07E-08	4.95E-08	4.49E-08	2.05E-08	2.02E-08	9.69E-10	2.34E-08	5.16E-09	6.72E-09	1.07E-08	1.88E-09	1.06E-08	5.94E-08

4559	478363.09	3859377.25	9.67E-05	9.43E-05	9.31E-05	3.35E-08	1.01E-07	5.85E-08	5.71E-08	5.17E-08	2.36E-08	2.33E-08	1.12E-09	2.70E-08	5.96E-09	7.75E-09	1.23E-08	2.17E-09	1.22E-08	6.85E-08
4560	478863.09	3859377.25	1.14E-04	1.11E-04	1.10E-04	3.95E-08	1.19E-07	6.90E-08	6.74E-08	6.11E-08	2.79E-08	2.75E-08	1.32E-09	3.19E-08	7.03E-09	9.15E-09	1.45E-08	2.56E-09	1.44E-08	8.08E-08
4561	479363.09	3859377.25	1.31E-04	1.28E-04	1.26E-04	4.54E-08	1.37E-07	7.93E-08	7.74E-08	7.02E-08	3.20E-08	3.16E-08	1.52E-09	3.66E-08	8.08E-09	1.05E-08	1.67E-08	2.94E-09	1.66E-08	9.29E-08
4562	479863.09	3859377.25	1.46E-04	1.42E-04	1.40E-04	5.04E-08	1.52E-07	8.81E-08	8.60E-08	7.79E-08	3.56E-08	3.51E-08	1.68E-09	4.07E-08	8.97E-09	1.17E-08	1.85E-08	3.26E-09	1.84E-08	1.03E-07
4563	480363.09	3859377.25	1.59E-04	1.55E-04	1.53E-04	5.51E-08	1.67E-07	9.64E-08	9.41E-08	8.53E-08	3.89E-08	3.84E-08	1.84E-09	4.45E-08	9.82E-09	1.28E-08	2.03E-08	3.57E-09	2.01E-08	1.13E-07
4564	480863.09	3859377.25	1.70E-04	1.66E-04	1.64E-04	5.89E-08	1.78E-07	1.03E-07	1.00E-07	9.10E-08	4.15E-08	4.10E-08	1.97E-09	4.75E-08	1.05E-08	1.36E-08	2.16E-08	3.81E-09	2.15E-08	1.21E-07
4565	481363.09	3859377.25	1.79E-04	1.75E-04	1.73E-04	6.20E-08	1.87E-07	1.08E-07	1.06E-07	9.59E-08	4.38E-08	4.32E-08	2.07E-09	5.00E-08	1.10E-08	1.44E-08	2.28E-08	4.02E-09	2.27E-08	1.27E-07
4566	481863.09	3859377.25	1.88E-04	1.84E-04	1.81E-04	6.52E-08	1.97E-07	1.14E-07	1.11E-07	1.01E-07	4.60E-08	4.54E-08	2.18E-09	5.26E-08	1.16E-08	1.51E-08	2.40E-08	4.22E-09	2.38E-08	1.33E-07
4567	482363.09	3859377.25	1.99E-04	1.94E-04	1.92E-04	6.89E-08	2.08E-07	1.20E-07	1.18E-07	1.07E-07	4.86E-08	4.80E-08	2.30E-09	5.56E-08	1.23E-08	1.60E-08	2.53E-08	4.46E-09	2.52E-08	1.41E-07
4568	482863.09	3859377.25	2.11E-04	2.06E-04	2.03E-04	7.31E-08	2.21E-07	1.28E-07	1.25E-07	1.13E-07	5.16E-08	5.09E-08	2.44E-09	5.90E-08	1.30E-08	1.69E-08	2.69E-08	4.73E-09	2.67E-08	1.50E-07
4569	483363.09	3859377.25	2.30E-04	2.25E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.36E-07	1.23E-07	5.62E-08	5.55E-08	2.66E-09	6.43E-08	1.42E-08	1.85E-08	2.93E-08	5.16E-09	2.91E-08	1.63E-07
4570	483863.09	3859377.25	2.47E-04	2.41E-04	2.38E-04	8.55E-08	2.58E-07	1.49E-07	1.46E-07	1.32E-07	6.03E-08	5.95E-08	2.85E-09	6.89E-08	1.52E-08	1.98E-08	3.14E-08	5.53E-09	3.12E-08	1.75E-07
4571	484363.09	3859377.25	2.67E-04	2.60E-04	2.57E-04	9.23E-08	2.79E-07	1.61E-07	1.58E-07	1.43E-07	6.51E-08	6.43E-08	3.08E-09	7.45E-08	1.64E-08	2.14E-08	3.39E-08	5.98E-09	3.37E-08	1.89E-07
4572	484863.09	3859377.25	2.89E-04	2.82E-04	2.78E-04	1.00E-07	3.02E-07	1.75E-07	1.71E-07	1.55E-07	7.06E-08	6.97E-08	3.34E-09	8.07E-08	1.78E-08	2.32E-08	3.68E-08	6.48E-09	3.66E-08	2.05E-07
4573	485363.09	3859377.25	3.17E-04	3.10E-04	3.06E-04	1.10E-07	3.32E-07	1.92E-07	1.87E-07	1.70E-07	7.75E-08	7.65E-08	3.67E-09	8.86E-08	1.96E-08	2.54E-08	4.04E-08	7.11E-09	4.01E-08	2.25E-07
4574	485863.09	3859377.25	3.51E-04	3.42E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.07E-07	1.88E-07	8.56E-08	8.45E-08	4.05E-09	9.79E-08	2.16E-08	2.81E-08	4.46E-08	7.86E-09	4.43E-08	2.48E-07
4575	486363.09	3859377.25	3.89E-04	3.79E-04	3.74E-04	1.35E-07	4.06E-07	2.35E-07	2.30E-07	2.08E-07	9.49E-08	9.37E-08	4.49E-09	1.09E-07	2.40E-08	3.12E-08	4.94E-08	8.71E-09	4.92E-08	2.75E-07
4576	486863.09	3859377.25	4.38E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.34E-07	1.07E-07	1.06E-07	5.06E-09	1.22E-07	2.70E-08	3.51E-08	5.57E-08	9.82E-09	5.54E-08	3.10E-07
4577	487363.09	3859377.25	5.12E-04	4.99E-04	4.93E-04	1.77E-07	5.35E-07	3.10E-07	3.02E-07	2.74E-07	1.25E-07	1.23E-07	5.91E-09	1.43E-07	3.15E-08	4.10E-08	6.51E-08	1.15E-08	6.47E-08	3.62E-07
4578	487863.09	3859377.25	6.32E-04	6.17E-04	6.08E-04	2.19E-07	6.60E-07	3.82E-07	3.73E-07	3.38E-07	1.54E-07	1.52E-07	7.30E-09	1.76E-07	3.89E-08	5.07E-08	8.04E-08	1.42E-08	7.99E-08	4.48E-07
4579	488363.09	3859377.25	8.45E-04	8.25E-04	8.14E-04	2.93E-07	8.83E-07	5.11E-07	4.99E-07	4.52E-07	2.06E-07	2.04E-07	9.77E-09	2.36E-07	5.21E-08	6.77E-08	1.07E-07	1.89E-08	1.07E-07	5.99E-07
4580	488863.09	3859377.25	1.34E-03	1.31E-03	1.29E-03	4.65E-07	1.41E-06	8.14E-07	7.94E-07	7.20E-07	3.28E-07	3.24E-07	1.55E-08	3.75E-07	8.28E-08	1.08E-07	1.71E-07	3.01E-08	1.70E-07	9.53E-07
4581	489363.09	3859377.25	3.70E-03	3.61E-03	3.56E-03	1.28E-06	3.87E-06	2.24E-06	2.19E-06	1.98E-06	9.04E-07	8.92E-07	4.28E-08	1.03E-06	2.28E-07	2.97E-07	4.71E-07	8.29E-08	4.68E-07	2.62E-06
4582	489863.09	3859377.25	1.24E-02	1.21E-02	1.20E-02	4.31E-06	1.30E-05	7.53E-06	7.35E-06	6.66E-06	3.04E-06	3.00E-06	1.44E-07	3.48E-06	7.67E-07	9.98E-07	1.58E-06	2.79E-07	1.57E-06	8.82E-06
4583	490363.09	3859377.25	3.92E-03	3.83E-03	3.77E-03	1.36E-06	4.10E-06	2.37E-06	2.31E-06	2.10E-06	9.57E-07	9.45E-07	4.53E-08	1.09E-06	2.42E-07	3.14E-07	4.99E-07	8.79E-08	4.96E-07	2.78E-06
4584	490863.09	3859377.25	2.14E-03	2.09E-03	2.06E-03	7.41E-07	2.24E-06	1.29E-06	1.26E-06	1.15E-06	5.23E-07	5.16E-07	2.47E-08	5.98E-07	1.32E-07	1.72E-07	2.72E-07	4.80E-08	2.71E-07	1.52E-06
4585	491363.09	3859377.25	1.27E-03	1.24E-03	1.22E-03	4.40E-07	1.33E-06	7.70E-07	7.51E-07	6.81E-07	3.11E-07	3.07E-07	1.47E-08	3.55E-07	7.84E-08	1.02E-07	1.62E-07	2.85E-08	1.61E-07	9.01E-07
4586	491863.09	3859377.25	1.19E-03	1.17E-03	1.15E-03	4.13E-07	1.25E-06	7.22E-07	7.05E-07	6.39E-07	2.92E-07	2.88E-07	1.38E-08	3.33E-07	7.36E-08	9.57E-08	1.52E-07	2.68E-08	1.51E-07	8.46E-07
4587	492363.09	3859377.25	1.02E-03	9.92E-04	9.79E-04	3.52E-07	1.06E-06	6.15E-07	6.00E-07	5.44E-07	2.48E-07	2.45E-07	1.17E-08	2.84E-07	6.26E-08	8.15E-08	1.29E-07	2.28E-08	1.29E-07	7.20E-07
4588	492863.09	3859377.25	9.08E-04	8.86E-04	8.74E-04	3.14E-07	9.49E-07	5.49E-07	5.36E-07	4.86E-07	2.22E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.28E-08	1.15E-07	2.03E-08	1.15E-07	6.43E-07
4589	493363.09	3859377.25	7.63E-04	7.45E-04	7.35E-04	2.64E-07	7.97E-07	4.62E-07	4.50E-07	4.08E-07	1.86E-07	1.84E-07	8.82E-09	2.13E-07	4.70E-08	6.12E-08	9.70E-08	1.71E-08	9.65E-08	5.41E-07
4590	493863.09	3859377.25	6.91E-04	6.74E-04	6.66E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.67E-07	7.99E-09	1.93E-07	4.26E-08	5.54E-08	8.79E-08	1.55E-08	8.74E-08	4.90E-07
4591	494363.09	3859377.25	6.19E-04	6.04E-04	5.96E-04	2.14E-07	6.47E-07	3.75E-07	3.65E-07	3.31E-07	1.51E-07	1.49E-07	7.16E-09	1.73E-07	3.81E-08	4.96E-08	7.87E-08	1.39E-08	7.83E-08	4.39E-07
4592	494863.09	3859377.25	5.32E-04	5.19E-04	5.12E-04	1.84E-07	5.56E-07	3.22E-07	3.14E-07	2.85E-07	1.30E-07	1.28E-07	6.15E-09	1.49E-07	3.28E-08	4.26E-08	6.76E-08	1.19E-08	6.73E-08	3.77E-07
4593	495363.09	3859377.25	4.95E-04	4.83E-04	4.77E-04	1.71E-07	5.17E-07	2.99E-07	2.92E-07	2.65E-07	1.21E-07	1.19E-07	5.72E-09	1.38E-07	3.05E-08	3.97E-08	6.29E-08	1.11E-08	6.26E-08	3.51E-07
4594	495863.09	3859377.25	4.55E-04	4.44E-04	4.38E-04	1.58E-07	4.76E-07	2.75E-07	2.69E-07	2.44E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.79E-08	1.02E-08	5.76E-08	3.23E-07
4595	496363.09	3859377.25	4.39E-04	4.28E-04	4.22E-04	1.52E-07	4.58E-07	2.65E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	5.07E-09	1.22E-07	2.70E-08	3.52E-08	5.58E-08	9.83E-09	5.55E-08	3.11E-07
4596	496863.09	3859377.25	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.45E-07	2.39E-07	2.16E-07	9.87E-08	9.74E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.06E-09	5.11E-08	2.86E-07
4597	497363.09	3859377.25	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.45E-07	2.39E-07	2.16E-07	9.87E-08	9.74E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.06E-09	5.11E-08	2.86E-07
4598	497863.09	3859377.25	4.19E-04	4.09E-04	4.03E-04	1.45E-07	4.38E-07	2.54E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.84E-09	1.17E-07	2.58E-08	3.36E-08	5.33E-08	9.39E-09	5.30E-08	2.97E-07
4599	498363.09	3859377.25	4.33E-04	4.22E-04	4.17E-04	1.50E-07	4.52E-07	2.62E-07	2.55E-07	2.32E-07	1.06E-07	1.04E-07	5.00E-09	1.21E-07	2.67E-08	3.47E-08	5.50E-08	9.70E-09	5.47E-08	3.07E-07
4600	471363.09	3859877.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08
4601	471863.09	3859877.25	9.46E-05	9.23E-05	9.11E-05	3.27E-08	9.89E-08	5.72E-08	5.59E-08	5.06E-08	2.31E-08	2.28E-08	1.09E-09	2.64E-08	5.83E-09	7.58E-09	1.20E-08	2.12E-09	1.20E-08	6.70E-08
4602	472363.09	3859877.25	9.63E-05	9.39E-05	9.27E-05	3.33E-08	1.01E-07	5.82E-08	5.68E-08	5.15E-08	2.35E-08	2.32E-08	1.11E-09	2.69E-08	5.93E-09	7.72E-09	1.22E-08	2.16E-09	1.22E-08	6.82E-08
4603	472863.09	3859877.25	9.92E-05	9.68E-05	9.55E-05	3.43E-08	1.04E-07	6.00E-08	5.85E-08	5.31E-08	2.42E-08	2.39E-08	1.15E-09	2.77E-08	6.11E-09	7.95E-09	1.26E-08	2.22E-09	1.25E-08	7.03E-08
4604	473363.09	3859877.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
4605	473863.09	3859877.25	1.04E-04	1.02E-04	1.00E-04	3.60E-08	1.09E-07	6.30E-08	6.15E-08	5.57E-08	2.54E-08	2.51E-08	1.20E-09	2.91E-08	6.42E-09	8.35E-09	1.32E-08	2.33E-09	1.32E-08	7.38E-08
4606	474363.09	3859877.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
4607	474863.09	3859877.25	9.54E-05	9.31E-05	9.19E-05	3.30E-08	9.97E-08	5.77E-08	5.63E-08	5.11E-08	2.33E-08	2.30E-08	1.10E-09	2.66E-08	5.88E-09	7.65E-09	1.21E-08	2.14E-09	1.21E-08	6.76E-08
4608	475363.09	3859877.25	8.26E-05	8.06E-05	7.95E-05	2.86E-08	8.63E-08	5.00E-08	4.87E-08	4.42E-08	2.02E-08	1.99E-08	9.54E-10	2.31E-08	5.09E-09	6.62E-09	1.05E-08	1.85E-09	1.04E-08	5.85E-08
4609	475863.09	3859877.25	7.01E-05	6.84E-05	6.75E-05	2.43E-08	7.33E-08	4.24E-08	4.14E-08	3.75E-08	1.71E-08	1.69E-08	8.10E-10	1.96E-08	4.32E-09	5.62E-09	8.92E-09	1.57E-09	8.87E-09	4.97E-08
4610	476363.09	3859877.25	6.22E-05	6.07E-05	5.99E-05	2.15E-08	6.50E-08	3.77E-08	3.67E-08	3.33E-08	1.52E-08	1.50E-08	7.19E-10	1.74E-08	3.83E-09	4.99E-09	7.91E-09	1.39E-09	7.87E-09	4.41E-08
4611	476863.09	3859877.25	6.56E-05	6.40E-05	6.31E-05	2.27E-08	6.85E-08	3.97E-08	3.87E-08	3.51E-08	1.60E-08	1.58E-08	7.58E-10	1.83E-08	4.04E-09	5.25E-09	8.34E-09	1.47E-09	8.29E-09	4.64E-08
4612	477363.09	3859877.25	6.80E-05	6.64E-05	6.55E-05	2.36E-08	7.11E-08	4.12E-08	4.02E-08	3.64E-08	1.66E-08	1.64E-08	7.87E-10	1.90E-08	4.19E-09	5.45E-09	8.65E-09	1.52E-09	8.61E-09	4.82E-08
4613	477863.09	3859877.25	7.88E-05	7.69E-05	7.59E-05	2.73E-08	8.24E-08	4.77E-08	4.65E-08	4.22E-08	1.93E-08	1.90E-08	9.11E-10	2.20E-08	4.86E-09	6.32E-09	1.00E-08	1.77E-09	9.97E-09	5.59E-08

4614	478363.09	3859877.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
4615	478863.09	3859877.25	1.10E-04	1.07E-04	1.05E-04	3.79E-08	1.14E-07	6.63E-08	6.47E-08	5.86E-08	2.67E-08	2.64E-08	1.27E-09	3.06E-08	6.75E-09	8.78E-09	1.39E-08	2.45E-09	1.39E-08	7.76E-08
4616	479363.09	3859877.25	1.28E-04	1.25E-04	1.23E-04	4.42E-08	1.34E-07	7.73E-08	7.54E-08	6.84E-08	3.12E-08	3.08E-08	1.48E-09	3.57E-08	7.87E-09	1.02E-08	1.63E-08	2.86E-09	1.62E-08	9.05E-08
4617	479863.09	3859877.25	1.41E-04	1.38E-04	1.36E-04	4.90E-08	1.48E-07	8.56E-08	8.35E-08	7.57E-08	3.46E-08	3.41E-08	1.64E-09	3.95E-08	8.72E-09	1.13E-08	1.80E-08	3.17E-09	1.79E-08	1.00E-07
4618	480363.09	3859877.25	1.53E-04	1.49E-04	1.47E-04	5.30E-08	1.60E-07	9.26E-08	9.04E-08	8.19E-08	3.74E-08	3.69E-08	1.77E-09	4.27E-08	9.43E-09	1.23E-08	1.95E-08	3.43E-09	1.94E-08	1.08E-07
4619	480863.09	3859877.25	1.62E-04	1.58E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	9.55E-08	8.66E-08	3.95E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.30E-08	2.06E-08	3.63E-09	2.05E-08	1.15E-07
4620	481363.09	3859877.25	1.69E-04	1.65E-04	1.63E-04	5.86E-08	1.77E-07	1.02E-07	9.99E-08	9.06E-08	4.13E-08	4.08E-08	1.96E-09	4.73E-08	1.04E-08	1.36E-08	2.15E-08	3.79E-09	2.14E-08	1.20E-07
4621	481863.09	3859877.25	1.77E-04	1.73E-04	1.71E-04	6.13E-08	1.85E-07	1.07E-07	1.05E-07	9.48E-08	4.33E-08	4.27E-08	2.05E-09	4.95E-08	1.09E-08	1.42E-08	2.25E-08	3.97E-09	2.24E-08	1.26E-07
4622	482363.09	3859877.25	1.86E-04	1.82E-04	1.79E-04	6.45E-08	1.95E-07	1.13E-07	1.10E-07	9.97E-08	4.55E-08	4.49E-08	2.15E-09	5.20E-08	1.15E-08	1.49E-08	2.37E-08	4.18E-09	2.36E-08	1.32E-07
4623	482863.09	3859877.25	1.95E-04	1.90E-04	1.87E-04	6.74E-08	2.03E-07	1.18E-07	1.15E-07	1.04E-07	4.75E-08	4.69E-08	2.25E-09	5.43E-08	1.20E-08	1.56E-08	2.47E-08	4.36E-09	2.46E-08	1.38E-07
4624	483363.09	3859877.25	2.05E-04	2.00E-04	1.98E-04	7.11E-08	2.15E-07	1.24E-07	1.21E-07	1.10E-07	5.02E-08	4.95E-08	2.37E-09	5.73E-08	1.27E-08	1.65E-08	2.61E-08	4.60E-09	2.60E-08	1.46E-07
4625	483863.09	3859877.25	2.20E-04	2.15E-04	2.12E-04	7.61E-08	2.30E-07	1.33E-07	1.30E-07	1.18E-07	5.37E-08	5.30E-08	2.54E-09	6.14E-08	1.35E-08	1.76E-08	2.80E-08	4.93E-09	2.78E-08	1.56E-07
4626	484363.09	3859877.25	2.33E-04	2.27E-04	2.24E-04	8.06E-08	2.43E-07	1.41E-07	1.37E-07	1.25E-07	5.68E-08	5.61E-08	2.69E-09	6.50E-08	1.43E-08	1.87E-08	2.96E-08	5.22E-09	2.94E-08	1.65E-07
4627	484863.09	3859877.25	2.48E-04	2.42E-04	2.39E-04	8.59E-08	2.59E-07	1.50E-07	1.46E-07	1.33E-07	6.06E-08	5.98E-08	2.87E-09	6.93E-08	1.53E-08	1.99E-08	3.16E-08	5.56E-09	3.14E-08	1.76E-07
4628	485363.09	3859877.25	2.69E-04	2.63E-04	2.59E-04	9.32E-08	2.81E-07	1.63E-07	1.59E-07	1.44E-07	6.58E-08	6.49E-08	3.11E-09	7.52E-08	1.66E-08	2.16E-08	3.42E-08	6.03E-09	3.41E-08	1.91E-07
4629	485863.09	3859877.25	2.97E-04	2.90E-04	2.86E-04	1.03E-07	3.11E-07	1.80E-07	1.76E-07	1.59E-07	7.26E-08	7.17E-08	3.44E-09	8.31E-08	1.83E-08	2.38E-08	3.78E-08	6.67E-09	3.76E-08	2.11E-07
4630	486363.09	3859877.25	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.11E-08	8.00E-08	3.84E-09	9.27E-08	2.04E-08	2.66E-08	4.22E-08	7.44E-09	4.20E-08	2.35E-07
4631	486863.09	3859877.25	3.73E-04	3.64E-04	3.59E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.11E-08	8.99E-08	4.31E-09	1.04E-07	2.30E-08	2.99E-08	4.74E-08	8.36E-09	4.72E-08	2.64E-07
4632	487363.09	3859877.25	4.18E-04	4.08E-04	4.02E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.57E-08	3.35E-08	5.31E-08	9.36E-09	5.28E-08	2.96E-07
4633	487863.09	3859877.25	4.79E-04	4.67E-04	4.61E-04	1.66E-07	5.00E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.53E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.05E-08	3.39E-07
4634	488363.09	3859877.25	5.53E-04	5.39E-04	5.32E-04	1.91E-07	5.78E-07	3.34E-07	3.26E-07	2.96E-07	1.35E-07	1.33E-07	6.39E-09	1.54E-07	3.40E-08	4.43E-08	7.03E-08	1.24E-08	6.99E-08	3.92E-07
4635	488863.09	3859877.25	6.91E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.26E-08	5.54E-08	8.78E-08	1.55E-08	8.74E-08	4.89E-07
4636	489363.09	3859877.25	9.42E-04	9.19E-04	9.07E-04	3.26E-07	9.85E-07	5.70E-07	5.56E-07	5.04E-07	2.30E-07	2.27E-07	1.09E-08	2.63E-07	5.81E-08	7.55E-08	1.20E-07	2.11E-08	1.19E-07	6.68E-07
4637	489863.09	3859877.25	1.49E-03	1.46E-03	1.44E-03	5.16E-07	1.56E-06	9.02E-07	8.81E-07	7.98E-07	3.64E-07	3.59E-07	1.72E-08	4.16E-07	9.19E-08	1.20E-07	1.90E-07	3.34E-08	1.89E-07	1.06E-06
4638	490363.09	3859877.25	3.36E-03	3.28E-03	3.24E-03	1.16E-06	3.51E-06	2.03E-06	1.99E-06	1.80E-06	8.21E-07	8.10E-07	3.89E-08	9.39E-07	2.07E-07	2.70E-07	4.28E-07	7.54E-08	4.25E-07	2.38E-06
4639	490863.09	3859877.25	2.70E-02	2.64E-02	2.60E-02	9.36E-06	2.83E-05	1.64E-05	1.60E-05	1.45E-05	6.61E-06	6.52E-06	3.13E-07	7.55E-06	1.67E-06	2.17E-06	3.44E-06	6.06E-07	3.42E-06	1.92E-05
4640	491363.09	3859877.25	4.97E-03	4.85E-03	4.79E-03	1.72E-06	5.20E-06	3.01E-06	2.94E-06	2.66E-06	1.21E-06	1.20E-06	5.75E-08	1.39E-06	3.07E-07	3.99E-07	6.33E-07	1.11E-07	6.29E-07	3.53E-06
4641	491863.09	3859877.25	2.51E-03	2.45E-03	2.42E-03	8.70E-07	2.63E-06	1.52E-06	1.48E-06	1.35E-06	6.14E-07	6.06E-07	2.91E-08	7.02E-07	1.55E-07	2.02E-07	3.20E-07	5.63E-08	3.18E-07	1.78E-06
4642	492363.09	3859877.25	1.70E-03	1.66E-03	1.64E-03	5.90E-07	1.78E-06	1.03E-06	1.01E-06	9.12E-07	4.16E-07	4.11E-07	1.97E-08	4.76E-07	1.05E-07	1.37E-07	2.17E-07	3.82E-08	2.15E-07	1.21E-06
4643	492863.09	3859877.25	1.25E-03	1.22E-03	1.20E-03	4.32E-07	1.31E-06	7.56E-07	7.38E-07	6.69E-07	3.05E-07	3.01E-07	1.44E-08	3.49E-07	7.70E-08	1.00E-07	1.59E-07	2.80E-08	1.58E-07	8.85E-07
4644	493363.09	3859877.25	1.03E-03	1.00E-03	9.90E-04	3.56E-07	1.07E-06	6.22E-07	6.07E-07	5.50E-07	2.51E-07	2.48E-07	1.19E-08	2.87E-07	6.33E-08	8.24E-08	1.31E-07	2.30E-08	1.30E-07	7.28E-07
4645	493863.09	3859877.25	8.82E-04	8.61E-04	8.49E-04	3.05E-07	9.22E-07	5.34E-07	5.21E-07	4.72E-07	2.15E-07	2.13E-07	1.02E-08	2.46E-07	5.43E-08	7.07E-08	1.12E-07	1.98E-08	1.12E-07	6.25E-07
4646	494363.09	3859877.25	7.59E-04	7.41E-04	7.31E-04	2.63E-07	7.94E-07	4.59E-07	4.48E-07	4.06E-07	1.85E-07	1.83E-07	8.78E-09	2.12E-07	4.68E-08	6.09E-08	9.66E-08	1.70E-08	9.60E-08	5.38E-07
4647	494863.09	3859877.25	6.93E-04	6.76E-04	6.68E-04	2.40E-07	7.25E-07	4.19E-07	4.09E-07	3.71E-07	1.69E-07	1.67E-07	8.01E-09	1.94E-07	4.27E-08	5.56E-08	8.82E-08	1.55E-08	8.77E-08	4.91E-07
4648	495363.09	3859877.25	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.56E-07	3.80E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.98E-08	1.41E-08	7.93E-08	4.45E-07
4649	495863.09	3859877.25	5.70E-04	5.57E-04	5.49E-04	1.97E-07	5.96E-07	3.45E-07	3.37E-07	3.05E-07	1.39E-07	1.37E-07	6.59E-09	1.59E-07	3.51E-08	4.57E-08	7.25E-08	1.28E-08	7.21E-08	4.04E-07
4650	496363.09	3859877.25	5.06E-04	4.94E-04	4.87E-04	1.75E-07	5.29E-07	3.06E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.05E-08	6.43E-08	1.13E-08	6.40E-08	3.58E-07
4651	496863.09	3859877.25	4.21E-04	4.11E-04	4.05E-04	1.46E-07	4.40E-07	2.55E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.86E-09	1.17E-07	2.59E-08	3.37E-08	5.35E-08	9.43E-09	5.32E-08	2.98E-07
4652	497363.09	3859877.25	4.46E-04	4.35E-04	4.29E-04	1.54E-07	4.66E-07	2.70E-07	2.63E-07	2.39E-07	1.09E-07	1.07E-07	5.16E-09	1.25E-07	2.75E-08	3.58E-08	5.67E-08	1.00E-08	5.64E-08	3.16E-07
4653	497863.09	3859877.25	4.81E-04	4.70E-04	4.63E-04	1.67E-07	5.03E-07	2.91E-07	2.84E-07	2.58E-07	1.18E-07	1.16E-07	5.56E-09	1.34E-07	2.97E-08	3.86E-08	6.12E-08	1.08E-08	6.09E-08	3.41E-07
4654	498363.09	3859877.25	5.00E-04	4.87E-04	4.81E-04	1.73E-07	5.22E-07	3.02E-07	2.95E-07	2.67E-07	1.22E-07	1.20E-07	5.77E-09	1.39E-07	3.08E-08	4.00E-08	6.35E-08	1.12E-08	6.32E-08	3.54E-07
4655	471363.09	3860377.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
4656	471863.09	3860377.25	9.17E-05	8.95E-05	8.83E-05	3.17E-08	9.58E-08	5.55E-08	5.41E-08	4.91E-08	2.24E-08	2.21E-08	1.06E-09	2.56E-08	5.65E-09	7.35E-09	1.17E-08	2.05E-09	1.16E-08	6.50E-08
4657	472363.09	3860377.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
4658	472863.09	3860377.25	9.67E-05	9.43E-05	9.31E-05	3.35E-08	1.01E-07	5.85E-08	5.71E-08	5.17E-08	2.36E-08	2.33E-08	1.12E-09	2.70E-08	5.96E-09	7.75E-09	1.23E-08	2.17E-09	1.22E-08	6.85E-08
4659	473363.09	3860377.25	9.92E-05	9.68E-05	9.55E-05	3.43E-08	1.04E-07	6.00E-08	5.85E-08	5.31E-08	2.42E-08	2.39E-08	1.15E-09	2.77E-08	6.11E-09	7.95E-09	1.26E-08	2.22E-09	1.25E-08	7.03E-08
4660	473863.09	3860377.25	1.01E-04	9.84E-05	9.71E-05	3.49E-08	1.05E-07	6.10E-08	5.95E-08	5.40E-08	2.46E-08	2.43E-08	1.17E-09	2.81E-08	6.21E-09	8.08E-09	1.28E-08	2.26E-09	1.28E-08	7.14E-08
4661	474363.09	3860377.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
4662	474863.09	3860377.25	1.00E-04	9.76E-05	9.63E-05	3.46E-08	1.05E-07	6.05E-08	5.90E-08	5.35E-08	2.44E-08	2.41E-08	1.16E-09	2.79E-08	6.16E-09	8.02E-09	1.27E-08	2.24E-09	1.26E-08	7.09E-08
4663	475363.09	3860377.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
4664	475863.09	3860377.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
4665	476363.09	3860377.25	8.30E-05	8.10E-05	7.99E-05	2.87E-08	8.67E-08	5.02E-08	4.90E-08	4.44E-08	2.03E-08	2.00E-08	9.59E-10	2.32E-08	5.11E-09	6.65E-09	1.06E-08	1.86E-09	1.05E-08	5.88E-08
4666	476863.09	3860377.25	8.09E-05	7.89E-05	7.79E-05	2.80E-08	8.46E-08	4.90E-08	4.78E-08	4.33E-08	1.98E-08	1.95E-08	9.35E-10	2.26E-08	4.98E-09	6.49E-09	1.03E-08	1.81E-09	1.02E-08	5.73E-08
4667	477363.09	3860377.25	7.18E-05	7.00E-05	6.91E-05	2.48E-08	7.50E-08	4.34E-08	4.24E-08	3.84E-08	1.75E-08	1.73E-08	8.30E-10	2.00E-08	4.42E-09	5.75E-09	9.13E-09	1.61E-09	9.08E-09	5.09E-08
4668	477863.09	3860377.25	7.72E-05	7.53E-05	7.43E-05	2.67E-08	8.07E-08	4.67E-08	4.56E-08	4.13E-08	1.88E-08	1.86E-08	8.92E-10	2.15E-08	4.75E-09	6.19E-09	9.81E-09	1.73E-09	9.76E-09	5.47E-08

4669	478363.09	3860377.25	9.17E-05	8.95E-05	8.83E-05	3.17E-08	9.58E-08	5.55E-08	5.41E-08	4.91E-08	2.24E-08	2.21E-08	1.06E-09	2.56E-08	5.65E-09	7.35E-09	1.17E-08	2.05E-09	1.16E-08	6.50E-08
4670	478863.09	3860377.25	1.06E-04	1.04E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.27E-08	5.68E-08	2.59E-08	2.56E-08	1.23E-09	2.97E-08	6.54E-09	8.51E-09	1.35E-08	2.38E-09	1.34E-08	7.53E-08
4671	479363.09	3860377.25	1.22E-04	1.19E-04	1.18E-04	4.24E-08	1.28E-07	7.41E-08	7.23E-08	6.55E-08	2.99E-08	2.95E-08	1.41E-09	3.42E-08	7.54E-09	9.81E-09	1.56E-08	2.74E-09	1.55E-08	8.67E-08
4672	479863.09	3860377.25	1.36E-04	1.32E-04	1.31E-04	4.70E-08	1.42E-07	8.21E-08	8.01E-08	7.26E-08	3.31E-08	3.27E-08	1.57E-09	3.79E-08	8.36E-09	1.09E-08	1.73E-08	3.04E-09	1.72E-08	9.61E-08
4673	480363.09	3860377.25	1.46E-04	1.42E-04	1.40E-04	5.04E-08	1.52E-07	8.81E-08	8.60E-08	7.79E-08	3.56E-08	3.51E-08	1.68E-09	4.07E-08	8.97E-09	1.17E-08	1.85E-08	3.26E-09	1.84E-08	1.03E-07
4674	480863.09	3860377.25	1.54E-04	1.51E-04	1.49E-04	5.34E-08	1.61E-07	9.34E-08	9.11E-08	8.26E-08	3.77E-08	3.72E-08	1.78E-09	4.31E-08	9.51E-09	1.24E-08	1.96E-08	3.46E-09	1.95E-08	1.09E-07
4675	481363.09	3860377.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
4676	481863.09	3860377.25	1.69E-04	1.65E-04	1.63E-04	5.86E-08	1.77E-07	1.02E-07	9.99E-08	9.06E-08	4.13E-08	4.08E-08	1.96E-09	4.73E-08	1.04E-08	1.36E-08	2.15E-08	3.79E-09	2.14E-08	1.20E-07
4677	482363.09	3860377.25	1.77E-04	1.72E-04	1.70E-04	6.12E-08	1.85E-07	1.07E-07	1.04E-07	9.46E-08	4.32E-08	4.26E-08	2.04E-09	4.93E-08	1.09E-08	1.42E-08	2.25E-08	3.96E-09	2.24E-08	1.25E-07
4678	482863.09	3860377.25	1.83E-04	1.79E-04	1.77E-04	6.35E-08	1.92E-07	1.11E-07	1.08E-07	9.81E-08	4.48E-08	4.42E-08	2.12E-09	5.12E-08	1.13E-08	1.47E-08	2.33E-08	4.11E-09	2.32E-08	1.30E-07
4679	483363.09	3860377.25	1.94E-04	1.89E-04	1.87E-04	6.71E-08	2.03E-07	1.17E-07	1.14E-07	1.04E-07	4.73E-08	4.67E-08	2.24E-09	5.41E-08	1.19E-08	1.55E-08	2.46E-08	4.34E-09	2.45E-08	1.37E-07
4680	483863.09	3860377.25	2.02E-04	1.98E-04	1.95E-04	7.01E-08	2.12E-07	1.23E-07	1.20E-07	1.08E-07	4.94E-08	4.88E-08	2.34E-09	5.65E-08	1.25E-08	1.62E-08	2.57E-08	4.54E-09	2.56E-08	1.43E-07
4681	484363.09	3860377.25	2.14E-04	2.09E-04	2.06E-04	7.41E-08	2.24E-07	1.30E-07	1.26E-07	1.15E-07	5.23E-08	5.16E-08	2.47E-09	5.98E-08	1.32E-08	1.72E-08	2.72E-08	4.80E-09	2.71E-08	1.52E-07
4682	484863.09	3860377.25	2.25E-04	2.19E-04	2.17E-04	7.78E-08	2.35E-07	1.36E-07	1.33E-07	1.20E-07	5.49E-08	5.42E-08	2.60E-09	6.28E-08	1.39E-08	1.80E-08	2.86E-08	5.04E-09	2.84E-08	1.59E-07
4683	485363.09	3860377.25	2.38E-04	2.32E-04	2.29E-04	8.23E-08	2.48E-07	1.44E-07	1.40E-07	1.27E-07	5.81E-08	5.73E-08	2.75E-09	6.64E-08	1.46E-08	1.91E-08	3.02E-08	5.33E-09	3.01E-08	1.68E-07
4684	485863.09	3860377.25	2.56E-04	2.50E-04	2.47E-04	8.88E-08	2.68E-07	1.55E-07	1.51E-07	1.37E-07	6.26E-08	6.18E-08	2.96E-09	7.16E-08	1.58E-08	2.06E-08	3.26E-08	5.75E-09	3.24E-08	1.82E-07
4685	486363.09	3860377.25	2.79E-04	2.72E-04	2.69E-04	9.67E-08	2.92E-07	1.69E-07	1.65E-07	1.49E-07	6.82E-08	6.73E-08	3.23E-09	7.80E-08	1.72E-08	2.24E-08	3.55E-08	6.26E-09	3.53E-08	1.98E-07
4686	486863.09	3860377.25	3.05E-04	2.98E-04	2.94E-04	1.06E-07	3.19E-07	1.85E-07	1.80E-07	1.63E-07	7.45E-08	7.35E-08	3.52E-09	8.51E-08	1.88E-08	2.44E-08	3.88E-08	6.83E-09	3.86E-08	2.16E-07
4687	487363.09	3860377.25	3.36E-04	3.28E-04	3.24E-04	1.16E-07	3.51E-07	2.03E-07	1.98E-07	1.80E-07	8.21E-08	8.10E-08	3.88E-09	9.38E-08	2.07E-08	2.69E-08	4.27E-08	7.53E-09	4.25E-08	2.38E-07
4688	487863.09	3860377.25	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.26E-08	9.14E-08	4.38E-09	1.06E-07	2.34E-08	3.04E-08	4.82E-08	8.50E-09	4.80E-08	2.69E-07
4689	488363.09	3860377.25	4.30E-04	4.19E-04	4.14E-04	1.49E-07	4.49E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.63E-09	5.44E-08	3.05E-07
4690	488863.09	3860377.25	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.19E-07	3.01E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.98E-08	6.32E-08	1.11E-08	6.29E-08	3.52E-07
4691	489363.09	3860377.25	5.87E-04	5.73E-04	5.65E-04	2.03E-07	6.14E-07	3.55E-07	3.47E-07	3.14E-07	1.43E-07	1.41E-07	6.79E-09	1.64E-07	3.62E-08	4.71E-08	7.47E-08	1.32E-08	7.42E-08	4.16E-07
4692	489863.09	3860377.25	7.09E-04	6.92E-04	6.83E-04	2.45E-07	7.41E-07	4.29E-07	4.19E-07	3.79E-07	1.73E-07	1.71E-07	8.20E-09	1.98E-07	4.37E-08	5.68E-08	9.02E-08	1.59E-08	8.97E-08	5.02E-07
4693	490363.09	3860377.25	9.11E-04	8.89E-04	8.77E-04	3.15E-07	9.52E-07	5.51E-07	5.38E-07	4.88E-07	2.23E-07	2.20E-07	1.05E-08	2.54E-07	5.61E-08	7.30E-08	1.16E-07	2.04E-08	1.15E-07	6.46E-07
4694	490863.09	3860377.25	1.38E-03	1.35E-03	1.33E-03	4.78E-07	1.44E-06	8.36E-07	8.16E-07	7.39E-07	3.37E-07	3.33E-07	1.60E-08	3.86E-07	8.51E-08	1.11E-07	1.76E-07	3.10E-08	1.75E-07	9.79E-07
4695	491363.09	3860377.25	4.15E-03	4.05E-03	4.00E-03	1.44E-06	4.34E-06	2.51E-06	2.45E-06	2.22E-06	1.01E-06	1.00E-06	4.80E-08	1.16E-06	2.56E-07	3.33E-07	5.28E-07	9.30E-08	5.25E-07	2.94E-06
4696	491863.09	3860377.25	7.32E-03	7.14E-03	7.04E-03	2.53E-06	7.65E-06	4.43E-06	4.32E-06	3.92E-06	1.79E-06	1.76E-06	8.46E-08	2.04E-06	4.51E-07	5.86E-07	9.30E-07	1.64E-07	9.25E-07	5.18E-06
4697	492363.09	3860377.25	2.91E-03	2.84E-03	2.81E-03	1.01E-06	3.05E-06	1.76E-06	1.72E-06	1.56E-06	7.12E-07	7.02E-07	3.37E-08	8.14E-07	1.80E-07	2.34E-07	3.71E-07	6.53E-08	3.69E-07	2.06E-06
4698	492863.09	3860377.25	1.95E-03	1.90E-03	1.88E-03	6.74E-07	2.04E-06	1.18E-06	1.15E-06	1.04E-06	4.76E-07	4.69E-07	2.25E-08	5.44E-07	1.20E-07	1.56E-07	2.48E-07	4.37E-08	2.46E-07	1.38E-06
4699	493363.09	3860377.25	1.40E-03	1.37E-03	1.35E-03	4.86E-07	1.47E-06	8.50E-07	8.29E-07	7.52E-07	3.43E-07	3.38E-07	1.62E-08	3.92E-07	8.65E-08	1.13E-07	1.79E-07	3.15E-08	1.78E-07	9.95E-07
4700	493863.09	3860377.25	1.20E-03	1.17E-03	1.16E-03	4.16E-07	1.26E-06	7.28E-07	7.10E-07	6.44E-07	2.94E-07	2.90E-07	1.39E-08	3.36E-07	7.41E-08	9.64E-08	1.53E-07	2.70E-08	1.52E-07	8.53E-07
4701	494363.09	3860377.25	1.00E-03	9.80E-04	9.67E-04	3.48E-07	1.05E-06	6.08E-07	5.93E-07	5.38E-07	2.45E-07	2.42E-07	1.16E-08	2.80E-07	6.19E-08	8.05E-08	1.28E-07	2.25E-08	1.27E-07	7.12E-07
4702	494863.09	3860377.25	9.24E-04	9.01E-04	8.89E-04	3.20E-07	9.65E-07	5.59E-07	5.45E-07	4.94E-07	2.26E-07	2.23E-07	1.07E-08	2.58E-07	5.69E-08	7.40E-08	1.17E-07	2.07E-08	1.17E-07	6.54E-07
4703	495363.09	3860377.25	8.15E-04	7.96E-04	7.85E-04	2.82E-07	8.52E-07	4.93E-07	4.81E-07	4.36E-07	1.99E-07	1.96E-07	9.42E-09	2.28E-07	5.02E-08	6.54E-08	1.04E-07	1.83E-08	1.03E-07	5.78E-07
4704	495863.09	3860377.25	6.91E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.26E-08	5.54E-08	8.78E-08	1.55E-08	8.74E-08	4.89E-07
4705	496363.09	3860377.25	6.03E-04	5.88E-04	5.80E-04	2.09E-07	6.30E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.97E-09	1.68E-07	3.71E-08	4.83E-08	7.67E-08	1.35E-08	7.62E-08	4.27E-07
4706	496863.09	3860377.25	5.46E-04	5.33E-04	5.26E-04	1.89E-07	5.71E-07	3.30E-07	3.22E-07	2.92E-07	1.33E-07	1.32E-07	6.31E-09	1.52E-07	3.36E-08	4.38E-08	6.94E-08	1.22E-08	6.90E-08	3.87E-07
4707	497363.09	3860377.25	4.88E-04	4.76E-04	4.70E-04	1.69E-07	5.10E-07	2.95E-07	2.88E-07	2.61E-07	1.19E-07	1.18E-07	5.64E-09	1.36E-07	3.01E-08	3.91E-08	6.20E-08	1.09E-08	6.17E-08	3.46E-07
4708	497863.09	3860377.25	5.17E-04	5.04E-04	4.97E-04	1.79E-07	5.40E-07	3.13E-07	3.05E-07	2.76E-07	1.26E-07	1.24E-07	5.97E-09	1.44E-07	3.18E-08	4.14E-08	6.57E-08	1.16E-08	6.53E-08	3.66E-07
4709	498363.09	3860377.25	5.50E-04	5.36E-04	5.29E-04	1.90E-07	5.75E-07	3.33E-07	3.25E-07	2.94E-07	1.34E-07	1.32E-07	6.35E-09	1.53E-07	3.39E-08	4.41E-08	6.99E-08	1.23E-08	6.95E-08	3.90E-07
4710	471363.09	3860877.25	8.84E-05	8.62E-05	8.51E-05	3.06E-08	9.24E-08	5.35E-08	5.22E-08	4.73E-08	2.16E-08	2.13E-08	1.02E-09	2.47E-08	5.44E-09	7.08E-09	1.12E-08	1.98E-09	1.12E-08	6.26E-08
4711	471863.09	3860877.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
4712	472363.09	3860877.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08
4713	472863.09	3860877.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
4714	473363.09	3860877.25	9.63E-05	9.39E-05	9.27E-05	3.33E-08	1.01E-07	5.82E-08	5.68E-08	5.15E-08	2.35E-08	2.32E-08	1.11E-09	2.69E-08	5.93E-09	7.72E-09	1.22E-08	2.16E-09	1.22E-08	6.82E-08
4715	473863.09	3860877.25	9.79E-05	9.55E-05	9.43E-05	3.39E-08	1.02E-07	5.92E-08	5.78E-08	5.24E-08	2.39E-08	2.36E-08	1.13E-09	2.73E-08	6.03E-09	7.85E-09	1.25E-08	2.19E-09	1.24E-08	6.94E-08
4716	474363.09	3860877.25	9.96E-05	9.72E-05	9.59E-05	3.45E-08	1.04E-07	6.02E-08	5.88E-08	5.33E-08	2.43E-08	2.40E-08	1.15E-09	2.78E-08	6.13E-09	7.98E-09	1.27E-08	2.23E-09	1.26E-08	7.06E-08
4717	474863.09	3860877.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
4718	475363.09	3860877.25	1.01E-04	9.84E-05	9.71E-05	3.49E-08	1.05E-07	6.10E-08	5.95E-08	5.40E-08	2.46E-08	2.43E-08	1.17E-09	2.81E-08	6.21E-09	8.08E-09	1.28E-08	2.26E-09	1.28E-08	7.14E-08
4719	475863.09	3860877.25	9.92E-05	9.68E-05	9.55E-05	3.43E-08	1.04E-07	6.00E-08	5.85E-08	5.31E-08	2.42E-08	2.39E-08	1.15E-09	2.77E-08	6.11E-09	7.95E-09	1.26E-08	2.22E-09	1.25E-08	7.03E-08
4720	476363.09	3860877.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
4721	476863.09	3860877.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
4722	477363.09	3860877.25	9.46E-05	9.23E-05	9.11E-05	3.27E-08	9.89E-08	5.72E-08	5.59E-08	5.06E-08	2.31E-08	2.28E-08	1.09E-09	2.64E-08	5.83E-09	7.58E-09	1.20E-08	2.12E-09	1.20E-08	6.70E-08
4723	477863.09	3860877.25	9.04E-05	8.83E-05	8.71E-05	3.13E-08	9.45E-08	5.47E-08	5.34E-08	4.84E-08	2.21E-08	2.18E-08	1.05E-09	2.53E-08	5.57E-09	7.25E-09	1.15E-08	2.03E-09	1.14E-08	6.41E-08

4724	478363.09	3860877.25	7.88E-05	7.69E-05	7.59E-05	2.73E-08	8.24E-08	4.77E-08	4.65E-08	4.22E-08	1.93E-08	1.90E-08	9.11E-10	2.20E-08	4.86E-09	6.32E-09	1.00E-08	1.77E-09	9.97E-09	5.59E-08
4725	478863.09	3860877.25	1.00E-04	9.80E-05	9.67E-05	3.48E-08	1.05E-07	6.07E-08	5.93E-08	5.37E-08	2.45E-08	2.42E-08	1.16E-09	2.80E-08	6.19E-09	8.05E-09	1.28E-08	2.25E-09	1.27E-08	7.11E-08
4726	479363.09	3860877.25	1.17E-04	1.14E-04	1.13E-04	4.05E-08	1.22E-07	7.08E-08	6.91E-08	6.26E-08	2.86E-08	2.82E-08	1.35E-09	3.27E-08	7.21E-09	9.38E-09	1.49E-08	2.62E-09	1.48E-08	8.29E-08
4727	479863.09	3860877.25	1.29E-04	1.26E-04	1.24E-04	4.47E-08	1.35E-07	7.81E-08	7.62E-08	6.91E-08	3.15E-08	3.11E-08	1.49E-09	3.60E-08	7.95E-09	1.03E-08	1.64E-08	2.89E-09	1.63E-08	9.14E-08
4728	480363.09	3860877.25	1.39E-04	1.35E-04	1.33E-04	4.80E-08	1.45E-07	8.38E-08	8.18E-08	7.42E-08	3.38E-08	3.34E-08	1.60E-09	3.87E-08	8.54E-09	1.11E-08	1.76E-08	3.11E-09	1.75E-08	9.82E-08
4729	480863.09	3860877.25	1.44E-04	1.41E-04	1.39E-04	5.00E-08	1.51E-07	8.74E-08	8.52E-08	7.73E-08	3.53E-08	3.48E-08	1.67E-09	4.03E-08	8.90E-09	1.16E-08	1.84E-08	3.24E-09	1.83E-08	1.02E-07
4730	481363.09	3860877.25	1.51E-04	1.47E-04	1.45E-04	5.23E-08	1.58E-07	9.14E-08	8.92E-08	8.08E-08	3.69E-08	3.64E-08	1.75E-09	4.22E-08	9.30E-09	1.21E-08	1.92E-08	3.38E-09	1.91E-08	1.07E-07
4731	481863.09	3860877.25	1.58E-04	1.54E-04	1.52E-04	5.46E-08	1.65E-07	9.54E-08	9.31E-08	8.44E-08	3.85E-08	3.80E-08	1.82E-09	4.40E-08	9.71E-09	1.26E-08	2.00E-08	3.53E-09	1.99E-08	1.12E-07
4732	482363.09	3860877.25	1.64E-04	1.60E-04	1.58E-04	5.69E-08	1.72E-07	9.94E-08	9.70E-08	8.79E-08	4.01E-08	3.96E-08	1.90E-09	4.59E-08	1.01E-08	1.32E-08	2.09E-08	3.68E-09	2.08E-08	1.16E-07
4733	482863.09	3860877.25	1.70E-04	1.66E-04	1.64E-04	5.89E-08	1.78E-07	1.03E-07	1.00E-07	9.10E-08	4.15E-08	4.10E-08	1.97E-09	4.75E-08	1.05E-08	1.36E-08	2.16E-08	3.81E-09	2.15E-08	1.21E-07
4734	483363.09	3860877.25	1.78E-04	1.74E-04	1.71E-04	6.16E-08	1.86E-07	1.08E-07	1.05E-07	9.53E-08	4.35E-08	4.29E-08	2.06E-09	4.97E-08	1.10E-08	1.43E-08	2.26E-08	3.99E-09	2.25E-08	1.26E-07
4735	483863.09	3860877.25	1.87E-04	1.82E-04	1.80E-04	6.46E-08	1.95E-07	1.13E-07	1.10E-07	9.99E-08	4.56E-08	4.50E-08	2.16E-09	5.21E-08	1.15E-08	1.50E-08	2.37E-08	4.18E-09	2.36E-08	1.32E-07
4736	484363.09	3860877.25	1.97E-04	1.92E-04	1.89E-04	6.81E-08	2.06E-07	1.19E-07	1.16E-07	1.05E-07	4.80E-08	4.74E-08	2.27E-09	5.49E-08	1.21E-08	1.58E-08	2.50E-08	4.41E-09	2.49E-08	1.39E-07
4737	484863.09	3860877.25	2.05E-04	2.00E-04	1.97E-04	7.09E-08	2.14E-07	1.24E-07	1.21E-07	1.10E-07	5.01E-08	4.94E-08	2.37E-09	5.72E-08	1.26E-08	1.64E-08	2.61E-08	4.59E-09	2.59E-08	1.45E-07
4738	485363.09	3860877.25	2.15E-04	2.10E-04	2.07E-04	7.45E-08	2.25E-07	1.30E-07	1.27E-07	1.15E-07	5.26E-08	5.19E-08	2.49E-09	6.01E-08	1.33E-08	1.73E-08	2.74E-08	4.83E-09	2.72E-08	1.53E-07
4739	485863.09	3860877.25	2.30E-04	2.24E-04	2.21E-04	7.96E-08	2.40E-07	1.39E-07	1.36E-07	1.23E-07	5.61E-08	5.54E-08	2.66E-09	6.42E-08	1.42E-08	1.84E-08	2.92E-08	5.15E-09	2.91E-08	1.63E-07
4740	486363.09	3860877.25	2.46E-04	2.40E-04	2.36E-04	8.50E-08	2.57E-07	1.49E-07	1.45E-07	1.31E-07	6.00E-08	5.92E-08	2.84E-09	6.86E-08	1.51E-08	1.97E-08	3.12E-08	5.50E-09	3.11E-08	1.74E-07
4741	486863.09	3860877.25	2.65E-04	2.58E-04	2.55E-04	9.16E-08	2.77E-07	1.60E-07	1.56E-07	1.42E-07	6.46E-08	6.38E-08	3.06E-09	7.39E-08	1.63E-08	2.12E-08	3.37E-08	5.93E-09	3.35E-08	1.88E-07
4742	487363.09	3860877.25	2.85E-04	2.78E-04	2.74E-04	9.85E-08	2.97E-07	1.72E-07	1.68E-07	1.52E-07	6.95E-08	6.86E-08	3.29E-09	7.95E-08	1.75E-08	2.28E-08	3.62E-08	6.38E-09	3.60E-08	2.02E-07
4743	487863.09	3860877.25	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.83E-07	1.66E-07	7.56E-08	7.46E-08	3.58E-09	8.64E-08	1.91E-08	2.48E-08	3.94E-08	6.94E-09	3.91E-08	2.19E-07
4744	488363.09	3860877.25	3.42E-04	3.34E-04	3.30E-04	1.18E-07	3.58E-07	2.07E-07	2.02E-07	1.83E-07	8.36E-08	8.25E-08	3.96E-09	9.56E-08	2.11E-08	2.74E-08	4.35E-08	7.67E-09	4.33E-08	2.43E-07
4745	488863.09	3860877.25	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.27E-07	2.22E-07	2.01E-07	9.18E-08	9.06E-08	4.34E-09	1.05E-07	2.32E-08	3.01E-08	4.78E-08	8.42E-09	4.75E-08	2.66E-07
4746	489363.09	3860877.25	4.23E-04	4.13E-04	4.07E-04	1.46E-07	4.42E-07	2.56E-07	2.50E-07	2.26E-07	1.03E-07	1.02E-07	4.89E-09	1.18E-07	2.61E-08	3.39E-08	5.38E-08	9.48E-09	5.35E-08	3.00E-07
4747	489863.09	3860877.25	4.88E-04	4.76E-04	4.70E-04	1.69E-07	5.10E-07	2.95E-07	2.88E-07	2.61E-07	1.19E-07	1.18E-07	5.64E-09	1.36E-07	3.01E-08	3.91E-08	6.20E-08	1.09E-08	6.17E-08	3.46E-07
4748	490363.09	3860877.25	5.87E-04	5.73E-04	5.66E-04	2.03E-07	6.14E-07	3.55E-07	3.47E-07	3.14E-07	1.43E-07	1.42E-07	6.79E-09	1.64E-07	3.62E-08	4.71E-08	7.47E-08	1.32E-08	7.43E-08	4.16E-07
4749	490863.09	3860877.25	7.55E-04	7.37E-04	7.27E-04	2.62E-07	7.90E-07	4.57E-07	4.46E-07	4.04E-07	1.85E-07	1.82E-07	8.73E-09	2.11E-07	4.65E-08	6.06E-08	9.61E-08	1.69E-08	9.55E-08	5.35E-07
4750	491363.09	3860877.25	1.09E-03	1.06E-03	1.05E-03	3.77E-07	1.14E-06	6.59E-07	6.43E-07	5.83E-07	2.66E-07	2.62E-07	1.26E-08	3.04E-07	6.71E-08	8.73E-08	1.38E-07	2.44E-08	1.38E-07	7.71E-07
4751	491863.09	3860877.25	2.37E-03	2.31E-03	2.28E-03	8.20E-07	2.48E-06	1.43E-06	1.40E-06	1.27E-06	5.79E-07	5.71E-07	2.74E-08	6.61E-07	1.46E-07	1.90E-07	3.01E-07	5.31E-08	3.00E-07	1.68E-06
4752	492363.09	3860877.25	1.28E-02	1.25E-02	1.24E-02	4.44E-06	1.34E-05	7.76E-06	7.57E-06	6.87E-06	3.13E-06	3.09E-06	1.48E-07	3.58E-06	7.90E-07	1.03E-06	1.63E-06	2.88E-07	1.62E-06	9.09E-06
4753	492863.09	3860877.25	3.77E-03	3.67E-03	3.63E-03	1.30E-06	3.94E-06	2.28E-06	2.22E-06	2.02E-06	9.19E-07	9.07E-07	4.35E-08	1.05E-06	2.32E-07	3.02E-07	4.79E-07	8.44E-08	4.76E-07	2.67E-06
4754	493363.09	3860877.25	2.37E-03	2.32E-03	2.28E-03	8.21E-07	2.48E-06	1.44E-06	1.40E-06	1.27E-06	5.80E-07	5.72E-07	2.74E-08	6.63E-07	1.46E-07	1.90E-07	3.02E-07	5.32E-08	3.00E-07	1.68E-06
4755	493863.09	3860877.25	1.85E-03	1.81E-03	1.78E-03	6.41E-07	1.94E-06	1.12E-06	1.09E-06	9.91E-07	4.52E-07	4.46E-07	2.14E-08	5.17E-07	1.14E-07	1.48E-07	2.36E-07	4.15E-08	2.34E-07	1.31E-06
4756	494363.09	3860877.25	1.56E-03	1.52E-03	1.50E-03	5.39E-07	1.63E-06	9.42E-07	9.19E-07	8.33E-07	3.80E-07	3.75E-07	1.80E-08	4.35E-07	9.59E-08	1.25E-07	1.98E-07	3.49E-08	1.97E-07	1.10E-06
4757	494863.09	3860877.25	1.33E-03	1.30E-03	1.28E-03	4.61E-07	1.39E-06	8.07E-07	7.87E-07	7.13E-07	3.26E-07	3.21E-07	1.54E-08	3.72E-07	8.21E-08	1.07E-07	1.70E-07	2.99E-08	1.69E-07	9.45E-07
4758	495363.09	3860877.25	1.16E-03	1.14E-03	1.12E-03	4.03E-07	1.22E-06	7.04E-07	6.87E-07	6.23E-07	2.84E-07	2.81E-07	1.35E-08	3.25E-07	7.17E-08	9.33E-08	1.48E-07	2.61E-08	1.47E-07	8.25E-07
4759	495863.09	3860877.25	1.05E-03	1.03E-03	1.02E-03	3.65E-07	1.10E-06	6.38E-07	6.22E-07	5.64E-07	2.57E-07	2.54E-07	1.22E-08	2.94E-07	6.50E-08	8.45E-08	1.34E-07	2.36E-08	1.33E-07	7.47E-07
4760	496363.09	3860877.25	9.01E-04	8.79E-04	8.68E-04	3.12E-07	9.42E-07	5.45E-07	5.32E-07	4.82E-07	2.20E-07	2.17E-07	1.04E-08	2.52E-07	5.55E-08	7.22E-08	1.15E-07	2.02E-08	1.14E-07	6.39E-07
4761	496863.09	3860877.25	7.34E-04	7.17E-04	7.07E-04	2.54E-07	7.68E-07	4.44E-07	4.34E-07	3.93E-07	1.79E-07	1.77E-07	8.49E-09	2.05E-07	4.52E-08	5.89E-08	9.34E-08	1.65E-08	9.29E-08	5.20E-07
4762	497363.09	3860877.25	6.89E-04	6.72E-04	6.63E-04	2.38E-07	7.20E-07	4.17E-07	4.07E-07	3.69E-07	1.68E-07	1.66E-07	7.96E-09	1.92E-07	4.24E-08	5.52E-08	8.76E-08	1.54E-08	8.71E-08	4.88E-07
4763	497863.09	3860877.25	6.31E-04	6.16E-04	6.08E-04	2.18E-07	6.60E-07	3.82E-07	3.73E-07	3.38E-07	1.54E-07	1.52E-07	7.29E-09	1.76E-07	3.89E-08	5.06E-08	8.02E-08	1.41E-08	7.98E-08	4.47E-07
4764	498363.09	3860877.25	6.38E-04	6.22E-04	6.14E-04	2.21E-07	6.66E-07	3.86E-07	3.77E-07	3.41E-07	1.56E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.11E-08	8.11E-08	1.43E-08	8.06E-08	4.52E-07
4765	471363.09	3861377.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
4766	471863.09	3861377.25	8.84E-05	8.62E-05	8.51E-05	3.06E-08	9.24E-08	5.35E-08	5.22E-08	4.73E-08	2.16E-08	2.13E-08	1.02E-09	2.47E-08	5.44E-09	7.08E-09	1.12E-08	1.98E-09	1.12E-08	6.26E-08
4767	472363.09	3861377.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
4768	472863.09	3861377.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08
4769	473363.09	3861377.25	9.38E-05	9.15E-05	9.03E-05	3.25E-08	9.80E-08	5.67E-08	5.54E-08	5.02E-08	2.29E-08	2.26E-08	1.08E-09	2.62E-08	5.78E-09	7.52E-09	1.19E-08	2.10E-09	1.19E-08	6.64E-08
4770	473863.09	3861377.25	9.54E-05	9.31E-05	9.19E-05	3.30E-08	9.97E-08	5.77E-08	5.63E-08	5.11E-08	2.33E-08	2.30E-08	1.10E-09	2.66E-08	5.88E-09	7.65E-09	1.21E-08	2.14E-09	1.21E-08	6.76E-08
4771	474363.09	3861377.25	9.71E-05	9.47E-05	9.35E-05	3.36E-08	1.01E-07	5.87E-08	5.73E-08	5.20E-08	2.37E-08	2.34E-08	1.12E-09	2.71E-08	5.98E-09	7.78E-09	1.23E-08	2.18E-09	1.23E-08	6.88E-08
4772	474863.09	3861377.25	9.87E-05	9.64E-05	9.51E-05	3.42E-08	1.03E-07	5.97E-08	5.83E-08	5.28E-08	2.41E-08	2.38E-08	1.14E-09	2.76E-08	6.08E-09	7.92E-09	1.26E-08	2.21E-09	1.25E-08	7.00E-08
4773	475363.09	3861377.25	1.01E-04	9.84E-05	9.71E-05	3.49E-08	1.05E-07	6.10E-08	5.95E-08	5.40E-08	2.46E-08	2.43E-08	1.17E-09	2.81E-08	6.21E-09	8.08E-09	1.28E-08	2.26E-09	1.28E-08	7.14E-08
4774	475863.09	3861377.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
4775	476363.09	3861377.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
4776	476863.09	3861377.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
4777	477363.09	3861377.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
4778	477863.09	3861377.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08

4779	478363.09	3861377.25	8.01E-05	7.81E-05	7.71E-05	2.77E-08	8.37E-08	4.84E-08	4.73E-08	4.29E-08	1.96E-08	1.93E-08	9.26E-10	2.24E-08	4.93E-09	6.42E-09	1.02E-08	1.79E-09	1.01E-08	5.67E-08
4780	478863.09	3861377.25	8.63E-05	8.42E-05	8.31E-05	2.99E-08	9.02E-08	5.22E-08	5.10E-08	4.62E-08	2.11E-08	2.08E-08	9.98E-10	2.41E-08	5.32E-09	6.92E-09	1.10E-08	1.93E-09	1.09E-08	6.11E-08
4781	479363.09	3861377.25	1.10E-04	1.07E-04	1.05E-04	3.79E-08	1.14E-07	6.63E-08	6.47E-08	5.86E-08	2.67E-08	2.64E-08	1.27E-09	3.06E-08	6.75E-09	8.78E-09	1.39E-08	2.45E-09	1.39E-08	7.76E-08
4782	479863.09	3861377.25	1.22E-04	1.19E-04	1.17E-04	4.22E-08	1.27E-07	7.38E-08	7.20E-08	6.53E-08	2.98E-08	2.94E-08	1.41E-09	3.41E-08	7.52E-09	9.78E-09	1.55E-08	2.73E-09	1.54E-08	8.64E-08
4783	480363.09	3861377.25	1.32E-04	1.28E-04	1.27E-04	4.55E-08	1.37E-07	7.96E-08	7.77E-08	7.04E-08	3.21E-08	3.17E-08	1.52E-09	3.67E-08	8.10E-09	1.05E-08	1.67E-08	2.95E-09	1.66E-08	9.32E-08
4784	480863.09	3861377.25	1.37E-04	1.34E-04	1.32E-04	4.75E-08	1.44E-07	8.31E-08	8.11E-08	7.35E-08	3.35E-08	3.31E-08	1.59E-09	3.83E-08	8.46E-09	1.10E-08	1.75E-08	3.08E-09	1.74E-08	9.73E-08
4785	481363.09	3861377.25	1.43E-04	1.39E-04	1.37E-04	4.94E-08	1.49E-07	8.64E-08	8.43E-08	7.64E-08	3.49E-08	3.44E-08	1.65E-09	3.98E-08	8.79E-09	1.14E-08	1.81E-08	3.20E-09	1.80E-08	1.01E-07
4786	481863.09	3861377.25	1.49E-04	1.45E-04	1.43E-04	5.14E-08	1.55E-07	8.99E-08	8.77E-08	7.95E-08	3.63E-08	3.58E-08	1.72E-09	4.15E-08	9.15E-09	1.19E-08	1.89E-08	3.33E-09	1.88E-08	1.05E-07
4787	482363.09	3861377.25	1.54E-04	1.50E-04	1.48E-04	5.33E-08	1.61E-07	9.31E-08	9.09E-08	8.24E-08	3.76E-08	3.71E-08	1.78E-09	4.30E-08	9.48E-09	1.23E-08	1.96E-08	3.45E-09	1.95E-08	1.09E-07
4788	482863.09	3861377.25	1.58E-04	1.55E-04	1.53E-04	5.49E-08	1.66E-07	9.59E-08	9.36E-08	8.48E-08	3.87E-08	3.82E-08	1.83E-09	4.43E-08	9.76E-09	1.27E-08	2.02E-08	3.55E-09	2.00E-08	1.12E-07
4789	483363.09	3861377.25	1.65E-04	1.61E-04	1.59E-04	5.70E-08	1.72E-07	9.97E-08	9.72E-08	8.82E-08	4.02E-08	3.97E-08	1.90E-09	4.60E-08	1.01E-08	1.32E-08	2.09E-08	3.69E-09	2.08E-08	1.17E-07
4790	483863.09	3861377.25	1.71E-04	1.67E-04	1.65E-04	5.93E-08	1.79E-07	1.04E-07	1.01E-07	9.17E-08	4.18E-08	4.13E-08	1.98E-09	4.78E-08	1.06E-08	1.37E-08	2.18E-08	3.84E-09	2.17E-08	1.21E-07
4791	484363.09	3861377.25	1.79E-04	1.74E-04	1.72E-04	6.19E-08	1.87E-07	1.08E-07	1.06E-07	9.57E-08	4.37E-08	4.31E-08	2.07E-09	4.99E-08	1.10E-08	1.43E-08	2.27E-08	4.01E-09	2.26E-08	1.27E-07
4792	484863.09	3861377.25	1.86E-04	1.82E-04	1.79E-04	6.45E-08	1.95E-07	1.13E-07	1.10E-07	9.97E-08	4.55E-08	4.49E-08	2.15E-09	5.20E-08	1.15E-08	1.49E-08	2.37E-08	4.18E-09	2.36E-08	1.32E-07
4793	485363.09	3861377.25	1.93E-04	1.88E-04	1.86E-04	6.68E-08	2.02E-07	1.17E-07	1.14E-07	1.03E-07	4.71E-08	4.65E-08	2.23E-09	5.39E-08	1.19E-08	1.55E-08	2.45E-08	4.32E-09	2.44E-08	1.37E-07
4794	485863.09	3861377.25	2.02E-04	1.98E-04	1.95E-04	7.01E-08	2.12E-07	1.23E-07	1.20E-07	1.08E-07	4.94E-08	4.88E-08	2.34E-09	5.65E-08	1.25E-08	1.62E-08	2.57E-08	4.54E-09	2.56E-08	1.43E-07
4795	486363.09	3861377.25	2.15E-04	2.10E-04	2.07E-04	7.44E-08	2.25E-07	1.30E-07	1.27E-07	1.15E-07	5.25E-08	5.18E-08	2.48E-09	6.00E-08	1.32E-08	1.72E-08	2.73E-08	4.82E-09	2.72E-08	1.52E-07
4796	486863.09	3861377.25	2.30E-04	2.24E-04	2.21E-04	7.96E-08	2.40E-07	1.39E-07	1.36E-07	1.23E-07	5.61E-08	5.54E-08	2.66E-09	6.42E-08	1.42E-08	1.84E-08	2.92E-08	5.15E-09	2.91E-08	1.63E-07
4797	487363.09	3861377.25	2.46E-04	2.40E-04	2.36E-04	8.50E-08	2.57E-07	1.49E-07	1.45E-07	1.31E-07	6.00E-08	5.92E-08	2.84E-09	6.86E-08	1.51E-08	1.97E-08	3.12E-08	5.50E-09	3.11E-08	1.74E-07
4798	487863.09	3861377.25	2.63E-04	2.57E-04	2.54E-04	9.12E-08	2.75E-07	1.59E-07	1.56E-07	1.41E-07	6.43E-08	6.35E-08	3.05E-09	7.36E-08	1.62E-08	2.11E-08	3.35E-08	5.90E-09	3.33E-08	1.87E-07
4799	488363.09	3861377.25	2.84E-04	2.77E-04	2.74E-04	9.84E-08	2.97E-07	1.72E-07	1.68E-07	1.52E-07	6.94E-08	6.85E-08	3.29E-09	7.94E-08	1.75E-08	2.28E-08	3.61E-08	6.37E-09	3.59E-08	2.01E-07
4800	488863.09	3861377.25	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.83E-07	1.66E-07	7.56E-08	7.46E-08	3.58E-09	8.64E-08	1.91E-08	2.48E-08	3.94E-08	6.94E-09	3.91E-08	2.19E-07
4801	489363.09	3861377.25	3.37E-04	3.29E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	1.99E-07	1.81E-07	8.24E-08	8.13E-08	3.90E-09	9.42E-08	2.08E-08	2.70E-08	4.29E-08	7.56E-09	4.27E-08	2.39E-07
4802	489863.09	3861377.25	3.75E-04	3.66E-04	3.62E-04	1.30E-07	3.92E-07	2.27E-07	2.22E-07	2.01E-07	9.17E-08	9.05E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.42E-09	4.75E-08	2.66E-07
4803	490363.09	3861377.25	4.29E-04	4.19E-04	4.13E-04	1.48E-07	4.48E-07	2.60E-07	2.53E-07	2.30E-07	1.05E-07	1.03E-07	4.96E-09	1.20E-07	2.64E-08	3.44E-08	5.46E-08	9.61E-09	5.43E-08	3.04E-07
4804	490863.09	3861377.25	5.06E-04	4.94E-04	4.87E-04	1.75E-07	5.29E-07	3.06E-07	2.99E-07	2.71E-07	1.24E-07	1.22E-07	5.85E-09	1.41E-07	3.12E-08	4.05E-08	6.43E-08	1.13E-08	6.40E-08	3.58E-07
4805	491363.09	3861377.25	6.31E-04	6.15E-04	6.07E-04	2.18E-07	6.59E-07	3.82E-07	3.72E-07	3.38E-07	1.54E-07	1.52E-07	7.29E-09	1.76E-07	3.89E-08	5.06E-08	8.02E-08	1.41E-08	7.98E-08	4.47E-07
4806	491863.09	3861377.25	8.73E-04	8.52E-04	8.40E-04	3.02E-07	9.12E-07	5.28E-07	5.15E-07	4.67E-07	2.13E-07	2.10E-07	1.01E-08	2.44E-07	5.38E-08	7.00E-08	1.11E-07	1.96E-08	1.10E-07	6.19E-07
4807	492363.09	3861377.25	1.53E-03	1.50E-03	1.48E-03	5.31E-07	1.60E-06	9.28E-07	9.06E-07	8.21E-07	3.75E-07	3.70E-07	1.77E-08	4.28E-07	9.45E-08	1.23E-07	1.95E-07	3.44E-08	1.94E-07	1.09E-06
4808	492863.09	3861377.25	5.32E-03	5.20E-03	5.13E-03	1.84E-06	5.57E-06	3.22E-06	3.14E-06	2.85E-06	1.30E-06	1.28E-06	6.16E-08	1.49E-06	3.28E-07	4.27E-07	6.77E-07	1.19E-07	6.73E-07	3.77E-06
4809	493363.09	3861377.25	2.33E-02	2.28E-02	2.25E-02	8.07E-06	2.44E-05	1.41E-05	1.38E-05	1.25E-05	5.69E-06	5.62E-06	2.70E-07	6.51E-06	1.44E-06	1.87E-06	2.97E-06	5.23E-07	2.95E-06	1.65E-05
4810	493863.09	3861377.25	7.09E-03	6.92E-03	6.83E-03	2.46E-06	7.42E-06	4.29E-06	4.19E-06	3.80E-06	1.73E-06	1.71E-06	8.20E-08	1.98E-06	4.37E-07	5.69E-07	9.02E-07	1.59E-07	8.97E-07	5.03E-06
4811	494363.09	3861377.25	4.12E-03	4.02E-03	3.97E-03	1.43E-06	4.31E-06	2.49E-06	2.43E-06	2.21E-06	1.01E-06	9.93E-07	4.77E-08	1.15E-06	2.54E-07	3.30E-07	5.24E-07	9.24E-08	5.21E-07	2.92E-06
4812	494863.09	3861377.25	2.90E-03	2.83E-03	2.79E-03	1.00E-06	3.03E-06	1.75E-06	1.71E-06	1.55E-06	7.08E-07	6.99E-07	3.35E-08	8.10E-07	1.79E-07	2.32E-07	3.69E-07	6.50E-08	3.67E-07	2.05E-06
4813	495363.09	3861377.25	2.27E-03	2.21E-03	2.18E-03	7.85E-07	2.37E-06	1.37E-06	1.34E-06	1.21E-06	5.54E-07	5.46E-07	2.62E-08	6.33E-07	1.40E-07	1.82E-07	2.88E-07	5.08E-08	2.87E-07	1.61E-06
4814	495863.09	3861377.25	1.89E-03	1.84E-03	1.82E-03	6.54E-07	1.98E-06	1.14E-06	1.12E-06	1.01E-06	4.62E-07	4.56E-07	2.19E-08	5.28E-07	1.16E-07	1.52E-07	2.40E-07	4.24E-08	2.39E-07	1.34E-06
4815	496363.09	3861377.25	1.57E-03	1.53E-03	1.51E-03	5.42E-07	1.64E-06	9.48E-07	9.25E-07	8.38E-07	3.83E-07	3.78E-07	1.81E-08	4.37E-07	9.65E-08	1.26E-07	1.99E-07	3.51E-08	1.98E-07	1.11E-06
4816	496863.09	3861377.25	1.23E-03	1.20E-03	1.18E-03	4.24E-07	1.28E-06	7.42E-07	7.24E-07	6.56E-07	2.99E-07	2.95E-07	1.42E-08	3.42E-07	7.55E-08	9.82E-08	1.56E-07	2.75E-08	1.55E-07	8.68E-07
4817	497363.09	3861377.25	1.07E-03	1.05E-03	1.03E-03	3.72E-07	1.12E-06	6.50E-07	6.34E-07	5.75E-07	2.62E-07	2.59E-07	1.24E-08	3.00E-07	6.62E-08	8.61E-08	1.37E-07	2.41E-08	1.36E-07	7.61E-07
4818	497863.09	3861377.25	9.54E-04	9.31E-04	9.19E-04	3.30E-07	9.97E-07	5.77E-07	5.63E-07	5.11E-07	2.33E-07	2.30E-07	1.10E-08	2.66E-07	5.88E-08	7.65E-08	1.21E-07	2.14E-08	1.21E-07	6.76E-07
4819	498363.09	3861377.25	8.54E-04	8.33E-04	8.22E-04	2.96E-07	8.92E-07	5.17E-07	5.04E-07	4.57E-07	2.09E-07	2.06E-07	9.87E-09	2.38E-07	5.26E-08	6.84E-08	1.09E-07	1.91E-08	1.08E-07	6.05E-07
4820	471363.09	3861877.25	8.42E-05	8.22E-05	8.11E-05	2.92E-08	8.80E-08	5.10E-08	4.97E-08	4.51E-08	2.06E-08	2.03E-08	9.74E-10	2.35E-08	5.19E-09	6.75E-09	1.07E-08	1.89E-09	1.07E-08	5.97E-08
4821	471863.09	3861877.25	8.55E-05	8.34E-05	8.23E-05	2.96E-08	8.93E-08	5.17E-08	5.05E-08	4.57E-08	2.09E-08	2.06E-08	9.88E-10	2.39E-08	5.27E-09	6.85E-09	1.09E-08	1.92E-09	1.08E-08	6.06E-08
4822	472363.09	3861877.25	8.71E-05	8.50E-05	8.39E-05	3.02E-08	9.11E-08	5.27E-08	5.14E-08	4.66E-08	2.13E-08	2.10E-08	1.01E-09	2.43E-08	5.37E-09	6.98E-09	1.11E-08	1.95E-09	1.10E-08	6.17E-08
4823	472863.09	3861877.25	8.92E-05	8.70E-05	8.59E-05	3.09E-08	9.32E-08	5.40E-08	5.27E-08	4.77E-08	2.18E-08	2.15E-08	1.03E-09	2.49E-08	5.50E-09	7.15E-09	1.13E-08	2.00E-09	1.13E-08	6.32E-08
4824	473363.09	3861877.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
4825	473863.09	3861877.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
4826	474363.09	3861877.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
4827	474863.09	3861877.25	9.58E-05	9.35E-05	9.23E-05	3.32E-08	1.00E-07	5.80E-08	5.66E-08	5.13E-08	2.34E-08	2.31E-08	1.11E-09	2.68E-08	5.90E-09	7.68E-09	1.22E-08	2.15E-09	1.21E-08	6.79E-08
4828	475363.09	3861877.25	9.75E-05	9.51E-05	9.39E-05	3.37E-08	1.02E-07	5.90E-08	5.76E-08	5.22E-08	2.38E-08	2.35E-08	1.13E-09	2.72E-08	6.01E-09	7.82E-09	1.24E-08	2.19E-09	1.23E-08	6.91E-08
4829	475863.09	3861877.25	1.00E-04	9.76E-05	9.63E-05	3.46E-08	1.05E-07	6.05E-08	5.90E-08	5.35E-08	2.44E-08	2.41E-08	1.16E-09	2.79E-08	6.16E-09	8.02E-09	1.27E-08	2.24E-09	1.26E-08	7.09E-08
4830	476363.09	3861877.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
4831	476863.09	3861877.25	1.03E-04	1.00E-04	9.91E-05	3.56E-08	1.08E-07	6.23E-08	6.07E-08	5.51E-08	2.51E-08	2.48E-08	1.19E-09	2.87E-08	6.34E-09	8.25E-09	1.31E-08	2.31E-09	1.30E-08	7.29E-08
4832	477363.09	3861877.25	1.03E-04	1.00E-04	9.91E-05	3.56E-08	1.08E-07	6.23E-08	6.07E-08	5.51E-08	2.51E-08	2.48E-08	1.19E-09	2.87E-08	6.34E-09	8.25E-09	1.31E-08	2.31E-09	1.30E-08	7.29E-08
4833	477863.09	3861877.25	9.29E-05	9.07E-05	8.95E-05	3.22E-08	9.71E-08	5.62E-08	5.49E-08	4.97E-08	2.27E-08	2.24E-08	1.07E-09	2.59E-08	5.73E-09	7.45E-09	1.18E-08	2.08E-09	1.18E-08	6.59E-08

4834	478363.09	3861877.25	7.38E-05	7.21E-05	7.11E-05	2.56E-08	7.72E-08	4.47E-08	4.36E-08	3.95E-08	1.80E-08	1.78E-08	8.54E-10	2.06E-08	4.55E-09	5.92E-09	9.39E-09	1.66E-09	9.34E-09	5.23E-08
4835	478863.09	3861877.25	8.71E-05	8.50E-05	8.39E-05	3.02E-08	9.11E-08	5.27E-08	5.14E-08	4.66E-08	2.13E-08	2.10E-08	1.01E-09	2.43E-08	5.37E-09	6.98E-09	1.11E-08	1.95E-09	1.10E-08	6.17E-08
4836	479363.09	3861877.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08
4837	479863.09	3861877.25	1.16E-04	1.13E-04	1.12E-04	4.02E-08	1.21E-07	7.03E-08	6.86E-08	6.22E-08	2.84E-08	2.80E-08	1.34E-09	3.24E-08	7.16E-09	9.31E-09	1.48E-08	2.60E-09	1.47E-08	8.23E-08
4838	480363.09	3861877.25	1.26E-04	1.23E-04	1.21E-04	4.35E-08	1.31E-07	7.61E-08	7.42E-08	6.73E-08	3.07E-08	3.03E-08	1.45E-09	3.51E-08	7.75E-09	1.01E-08	1.60E-08	2.82E-09	1.59E-08	8.91E-08
4839	480863.09	3861877.25	1.30E-04	1.27E-04	1.25E-04	4.51E-08	1.36E-07	7.88E-08	7.69E-08	6.97E-08	3.18E-08	3.14E-08	1.51E-09	3.64E-08	8.03E-09	1.04E-08	1.66E-08	2.92E-09	1.65E-08	9.23E-08
4840	481363.09	3861877.25	1.35E-04	1.32E-04	1.30E-04	4.67E-08	1.41E-07	8.16E-08	7.96E-08	7.22E-08	3.29E-08	3.25E-08	1.56E-09	3.76E-08	8.31E-09	1.08E-08	1.71E-08	3.02E-09	1.71E-08	9.55E-08
4841	481863.09	3861877.25	1.40E-04	1.37E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.28E-08	7.51E-08	3.42E-08	3.38E-08	1.62E-09	3.92E-08	8.64E-09	1.12E-08	1.78E-08	3.14E-09	1.77E-08	9.94E-08
4842	482363.09	3861877.25	1.45E-04	1.41E-04	1.39E-04	5.01E-08	1.51E-07	8.76E-08	8.55E-08	7.75E-08	3.54E-08	3.49E-08	1.67E-09	4.04E-08	8.92E-09	1.16E-08	1.84E-08	3.25E-09	1.83E-08	1.03E-07
4843	482863.09	3861877.25	1.49E-04	1.45E-04	1.43E-04	5.14E-08	1.55E-07	8.99E-08	8.77E-08	7.95E-08	3.63E-08	3.58E-08	1.72E-09	4.15E-08	9.15E-09	1.19E-08	1.89E-08	3.33E-09	1.88E-08	1.05E-07
4844	483363.09	3861877.25	1.54E-04	1.50E-04	1.48E-04	5.33E-08	1.61E-07	9.31E-08	9.09E-08	8.24E-08	3.76E-08	3.71E-08	1.78E-09	4.30E-08	9.48E-09	1.23E-08	1.96E-08	3.45E-09	1.95E-08	1.09E-07
4845	483863.09	3861877.25	1.59E-04	1.55E-04	1.53E-04	5.50E-08	1.66E-07	9.61E-08	9.38E-08	8.50E-08	3.88E-08	3.83E-08	1.84E-09	4.44E-08	9.79E-09	1.27E-08	2.02E-08	3.56E-09	2.01E-08	1.13E-07
4846	484363.09	3861877.25	1.66E-04	1.62E-04	1.59E-04	5.73E-08	1.73E-07	1.00E-07	9.77E-08	8.86E-08	4.04E-08	3.99E-08	1.91E-09	4.62E-08	1.02E-08	1.33E-08	2.11E-08	3.71E-09	2.09E-08	1.17E-07
4847	484863.09	3861877.25	1.72E-04	1.68E-04	1.66E-04	5.96E-08	1.80E-07	1.04E-07	1.02E-07	9.22E-08	4.20E-08	4.15E-08	1.99E-09	4.81E-08	1.06E-08	1.38E-08	2.19E-08	3.86E-09	2.18E-08	1.22E-07
4848	485363.09	3861877.25	1.78E-04	1.73E-04	1.71E-04	6.15E-08	1.86E-07	1.07E-07	1.05E-07	9.50E-08	4.34E-08	4.28E-08	2.05E-09	4.96E-08	1.09E-08	1.42E-08	2.26E-08	3.98E-09	2.25E-08	1.26E-07
4849	485863.09	3861877.25	1.84E-04	1.79E-04	1.77E-04	6.36E-08	1.92E-07	1.11E-07	1.09E-07	9.84E-08	4.49E-08	4.43E-08	2.12E-09	5.13E-08	1.13E-08	1.47E-08	2.34E-08	4.12E-09	2.32E-08	1.30E-07
4850	486363.09	3861877.25	1.93E-04	1.89E-04	1.86E-04	6.69E-08	2.02E-07	1.17E-07	1.14E-07	1.03E-07	4.72E-08	4.66E-08	2.23E-09	5.40E-08	1.19E-08	1.55E-08	2.46E-08	4.33E-09	2.45E-08	1.37E-07
4851	486863.09	3861877.25	2.05E-04	2.00E-04	1.97E-04	7.09E-08	2.14E-07	1.24E-07	1.21E-07	1.10E-07	5.01E-08	4.94E-08	2.37E-09	5.72E-08	1.26E-08	1.64E-08	2.61E-08	4.59E-09	2.59E-08	1.45E-07
4852	487363.09	3861877.25	2.17E-04	2.12E-04	2.09E-04	7.53E-08	2.27E-07	1.32E-07	1.28E-07	1.16E-07	5.31E-08	5.24E-08	2.51E-09	6.07E-08	1.34E-08	1.74E-08	2.76E-08	4.87E-09	2.75E-08	1.54E-07
4853	487863.09	3861877.25	2.30E-04	2.25E-04	2.22E-04	7.97E-08	2.41E-07	1.39E-07	1.36E-07	1.23E-07	5.62E-08	5.55E-08	2.66E-09	6.43E-08	1.42E-08	1.85E-08	2.93E-08	5.16E-09	2.91E-08	1.63E-07
4854	488363.09	3861877.25	2.45E-04	2.39E-04	2.36E-04	8.49E-08	2.56E-07	1.48E-07	1.45E-07	1.31E-07	5.99E-08	5.91E-08	2.83E-09	6.85E-08	1.51E-08	1.97E-08	3.12E-08	5.50E-09	3.10E-08	1.74E-07
4855	488863.09	3861877.25	2.64E-04	2.57E-04	2.54E-04	9.13E-08	2.76E-07	1.60E-07	1.56E-07	1.41E-07	6.44E-08	6.36E-08	3.05E-09	7.37E-08	1.63E-08	2.12E-08	3.36E-08	5.91E-09	3.34E-08	1.87E-07
4856	489363.09	3861877.25	2.84E-04	2.77E-04	2.74E-04	9.84E-08	2.97E-07	1.72E-07	1.68E-07	1.52E-07	6.94E-08	6.85E-08	3.29E-09	7.94E-08	1.75E-08	2.28E-08	3.61E-08	6.37E-09	3.59E-08	2.01E-07
4857	489863.09	3861877.25	3.09E-04	3.02E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.83E-07	1.66E-07	7.56E-08	7.46E-08	3.58E-09	8.64E-08	1.91E-08	2.48E-08	3.94E-08	6.94E-09	3.91E-08	2.19E-07
4858	490363.09	3861877.25	3.42E-04	3.34E-04	3.30E-04	1.18E-07	3.58E-07	2.07E-07	2.02E-07	1.83E-07	8.36E-08	8.25E-08	3.96E-09	9.56E-08	2.11E-08	2.74E-08	4.35E-08	7.67E-09	4.33E-08	2.43E-07
4859	490863.09	3861877.25	3.87E-04	3.77E-04	3.72E-04	1.34E-07	4.04E-07	2.34E-07	2.28E-07	2.07E-07	9.44E-08	9.32E-08	4.47E-09	1.08E-07	2.38E-08	3.10E-08	4.92E-08	8.67E-09	4.89E-08	2.74E-07
4860	491363.09	3861877.25	4.47E-04	4.36E-04	4.30E-04	1.55E-07	4.67E-07	2.70E-07	2.64E-07	2.39E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.75E-08	3.58E-08	5.68E-08	1.00E-08	5.65E-08	3.17E-07
4861	491863.09	3861877.25	5.34E-04	5.21E-04	5.14E-04	1.85E-07	5.58E-07	3.23E-07	3.15E-07	2.86E-07	1.30E-07	1.29E-07	6.17E-09	1.49E-07	3.29E-08	4.28E-08	6.78E-08	1.20E-08	6.75E-08	3.78E-07
4862	492363.09	3861877.25	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.49E-08	8.38E-08	4.70E-07
4863	492863.09	3861877.25	8.58E-04	8.37E-04	8.26E-04	2.97E-07	8.96E-07	5.19E-07	5.06E-07	4.59E-07	2.09E-07	2.07E-07	9.91E-09	2.39E-07	5.28E-08	6.87E-08	1.09E-07	1.92E-08	1.08E-07	6.08E-07
4864	493363.09	3861877.25	1.16E-03	1.13E-03	1.12E-03	4.02E-07	1.21E-06	7.02E-07	6.85E-07	6.21E-07	2.83E-07	2.80E-07	1.34E-08	3.24E-07	7.15E-08	9.30E-08	1.48E-07	2.60E-08	1.47E-07	8.22E-07
4865	493863.09	3861877.25	1.72E-03	1.68E-03	1.65E-03	5.94E-07	1.79E-06	1.04E-06	1.01E-06	9.19E-07	4.19E-07	4.14E-07	1.98E-08	4.79E-07	1.06E-07	1.38E-07	2.18E-07	3.85E-08	2.17E-07	1.22E-06
4866	494363.09	3861877.25	3.10E-03	3.02E-03	2.98E-03	1.07E-06	3.24E-06	1.87E-06	1.83E-06	1.66E-06	7.57E-07	7.47E-07	3.58E-08	8.65E-07	1.91E-07	2.48E-07	3.94E-07	6.94E-08	3.92E-07	2.20E-06
4867	494863.09	3861877.25	1.28E-02	1.25E-02	1.23E-02	4.44E-06	1.34E-05	7.76E-06	7.57E-06	6.86E-06	3.13E-06	3.09E-06	1.48E-07	3.58E-06	7.90E-07	1.03E-06	1.63E-06	2.87E-07	1.62E-06	9.09E-06
4868	495363.09	3861877.25	1.46E-02	1.43E-02	1.41E-02	5.07E-06	1.53E-05	8.86E-06	8.64E-06	7.84E-06	3.58E-06	3.53E-06	1.69E-07	4.09E-06	9.02E-07	1.17E-06	1.86E-06	3.28E-07	1.85E-06	1.04E-05
4869	495863.09	3861877.25	6.05E-03	5.90E-03	5.82E-03	2.09E-06	6.32E-06	3.66E-06	3.57E-06	3.24E-06	1.48E-06	1.46E-06	6.99E-08	1.69E-06	3.73E-07	4.85E-07	7.69E-07	1.36E-07	7.65E-07	4.29E-06
4870	496363.09	3861877.25	3.80E-03	3.71E-03	3.66E-03	1.32E-06	3.98E-06	2.30E-06	2.25E-06	2.04E-06	9.29E-07	9.17E-07	4.40E-08	1.06E-06	2.34E-07	3.05E-07	4.84E-07	8.52E-08	4.81E-07	2.70E-06
4871	496863.09	3861877.25	1.97E-03	1.92E-03	1.90E-03	6.82E-07	2.06E-06	1.19E-06	1.16E-06	1.05E-06	4.81E-07	4.75E-07	2.28E-08	5.50E-07	1.21E-07	1.58E-07	2.51E-07	4.42E-08	2.49E-07	1.40E-06
4872	497363.09	3861877.25	2.07E-03	2.02E-03	1.99E-03	7.16E-07	2.16E-06	1.25E-06	1.22E-06	1.11E-06	5.05E-07	4.99E-07	2.39E-08	5.78E-07	1.28E-07	1.66E-07	2.63E-07	4.64E-08	2.62E-07	1.47E-06
4873	497863.09	3861877.25	1.85E-03	1.80E-03	1.78E-03	6.39E-07	1.93E-06	1.12E-06	1.09E-06	9.88E-07	4.51E-07	4.45E-07	2.13E-08	5.15E-07	1.14E-07	1.48E-07	2.35E-07	4.14E-08	2.33E-07	1.31E-06
4874	498363.09	3861877.25	1.60E-03	1.57E-03	1.55E-03	5.56E-07	1.68E-06	9.71E-07	9.47E-07	8.59E-07	3.92E-07	3.87E-07	1.85E-08	4.48E-07	9.89E-08	1.29E-07	2.04E-07	3.60E-08	2.03E-07	1.14E-06
4875	471363.09	3862377.25	8.21E-05	8.02E-05	7.91E-05	2.84E-08	8.59E-08	4.97E-08	4.85E-08	4.40E-08	2.01E-08	1.98E-08	9.50E-10	2.29E-08	5.06E-09	6.59E-09	1.04E-08	1.84E-09	1.04E-08	5.82E-08
4876	471863.09	3862377.25	8.34E-05	8.14E-05	8.03E-05	2.89E-08	8.72E-08	5.05E-08	4.92E-08	4.46E-08	2.04E-08	2.01E-08	9.64E-10	2.33E-08	5.14E-09	6.68E-09	1.06E-08	1.87E-09	1.05E-08	5.91E-08
4877	472363.09	3862377.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08
4878	472863.09	3862377.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
4879	473363.09	3862377.25	8.84E-05	8.62E-05	8.51E-05	3.06E-08	9.24E-08	5.35E-08	5.22E-08	4.73E-08	2.16E-08	2.13E-08	1.02E-09	2.47E-08	5.44E-09	7.08E-09	1.12E-08	1.98E-09	1.12E-08	6.26E-08
4880	473863.09	3862377.25	8.96E-05	8.74E-05	8.63E-05	3.10E-08	9.37E-08	5.42E-08	5.29E-08	4.80E-08	2.19E-08	2.16E-08	1.04E-09	2.50E-08	5.52E-09	7.18E-09	1.14E-08	2.01E-09	1.13E-08	6.35E-08
4881	474363.09	3862377.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
4882	474863.09	3862377.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
4883	475363.09	3862377.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
4884	475863.09	3862377.25	9.71E-05	9.47E-05	9.35E-05	3.36E-08	1.01E-07	5.87E-08	5.73E-08	5.20E-08	2.37E-08	2.34E-08	1.12E-09	2.71E-08	5.98E-09	7.78E-09	1.23E-08	2.18E-09	1.23E-08	6.88E-08
4885	476363.09	3862377.25	9.92E-05	9.68E-05	9.55E-05	3.43E-08	1.04E-07	6.00E-08	5.85E-08	5.31E-08	2.42E-08	2.39E-08	1.15E-09	2.77E-08	6.11E-09	7.95E-09	1.26E-08	2.22E-09	1.25E-08	7.03E-08
4886	476863.09	3862377.25	1.01E-04	9.84E-05	9.71E-05	3.49E-08	1.05E-07	6.10E-08	5.95E-08	5.40E-08	2.46E-08	2.43E-08	1.17E-09	2.81E-08	6.21E-09	8.08E-09	1.28E-08	2.26E-09	1.28E-08	7.14E-08
4887	477363.09	3862377.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
4888	477863.09	3862377.25	9.46E-05	9.23E-05	9.11E-05	3.27E-08	9.89E-08	5.72E-08	5.59E-08	5.06E-08	2.31E-08	2.28E-08	1.09E-09	2.64E-08	5.83E-09	7.58E-09	1.20E-08	2.12E-09	1.20E-08	6.70E-08

4889	478363.09	3862377.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
4890	478863.09	3862377.25	8.84E-05	8.62E-05	8.51E-05	3.06E-08	9.24E-08	5.35E-08	5.22E-08	4.73E-08	2.16E-08	2.13E-08	1.02E-09	2.47E-08	5.44E-09	7.08E-09	1.12E-08	1.98E-09	1.12E-08	6.26E-08
4891	479363.09	3862377.25	9.54E-05	9.31E-05	9.19E-05	3.30E-08	9.97E-08	5.77E-08	5.63E-08	5.11E-08	2.33E-08	2.30E-08	1.10E-09	2.66E-08	5.88E-09	7.65E-09	1.21E-08	2.14E-09	1.21E-08	6.76E-08
4892	479863.09	3862377.25	1.12E-04	1.10E-04	1.08E-04	3.89E-08	1.18E-07	6.80E-08	6.64E-08	6.02E-08	2.75E-08	2.71E-08	1.30E-09	3.14E-08	6.93E-09	9.01E-09	1.43E-08	2.52E-09	1.42E-08	7.97E-08
4893	480363.09	3862377.25	1.20E-04	1.17E-04	1.15E-04	4.15E-08	1.25E-07	7.25E-08	7.08E-08	6.42E-08	2.93E-08	2.89E-08	1.39E-09	3.35E-08	7.39E-09	9.61E-09	1.52E-08	2.69E-09	1.52E-08	8.50E-08
4894	480863.09	3862377.25	1.24E-04	1.21E-04	1.19E-04	4.28E-08	1.29E-07	7.48E-08	7.30E-08	6.62E-08	3.02E-08	2.98E-08	1.43E-09	3.45E-08	7.62E-09	9.91E-09	1.57E-08	2.77E-09	1.56E-08	8.76E-08
4895	481363.09	3862377.25	1.28E-04	1.25E-04	1.23E-04	4.42E-08	1.34E-07	7.73E-08	7.54E-08	6.84E-08	3.12E-08	3.08E-08	1.48E-09	3.57E-08	7.87E-09	1.02E-08	1.63E-08	2.86E-09	1.62E-08	9.05E-08
4896	481863.09	3862377.25	1.33E-04	1.30E-04	1.28E-04	4.60E-08	1.39E-07	8.03E-08	7.84E-08	7.11E-08	3.24E-08	3.20E-08	1.53E-09	3.71E-08	8.18E-09	1.06E-08	1.69E-08	2.98E-09	1.68E-08	9.41E-08
4897	482363.09	3862377.25	1.37E-04	1.34E-04	1.32E-04	4.74E-08	1.43E-07	8.28E-08	8.08E-08	7.33E-08	3.34E-08	3.30E-08	1.58E-09	3.82E-08	8.44E-09	1.10E-08	1.74E-08	3.07E-09	1.73E-08	9.70E-08
4898	482863.09	3862377.25	1.40E-04	1.37E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.28E-08	7.51E-08	3.42E-08	3.38E-08	1.62E-09	3.92E-08	8.64E-09	1.12E-08	1.78E-08	3.14E-09	1.77E-08	9.94E-08
4899	483363.09	3862377.25	1.44E-04	1.41E-04	1.39E-04	5.00E-08	1.51E-07	8.74E-08	8.52E-08	7.73E-08	3.53E-08	3.48E-08	1.67E-09	4.03E-08	8.90E-09	1.16E-08	1.84E-08	3.24E-09	1.83E-08	1.02E-07
4900	483863.09	3862377.25	1.49E-04	1.45E-04	1.43E-04	5.16E-08	1.56E-07	9.01E-08	8.79E-08	7.97E-08	3.64E-08	3.59E-08	1.72E-09	4.16E-08	9.18E-09	1.19E-08	1.89E-08	3.34E-09	1.88E-08	1.06E-07
4901	484363.09	3862377.25	1.54E-04	1.51E-04	1.49E-04	5.34E-08	1.61E-07	9.34E-08	9.11E-08	8.26E-08	3.77E-08	3.72E-08	1.78E-09	4.31E-08	9.51E-09	1.24E-08	1.96E-08	3.46E-09	1.95E-08	1.09E-07
4902	484863.09	3862377.25	1.61E-04	1.57E-04	1.55E-04	5.56E-08	1.68E-07	9.71E-08	9.48E-08	8.59E-08	3.92E-08	3.87E-08	1.86E-09	4.48E-08	9.89E-09	1.29E-08	2.04E-08	3.60E-09	2.03E-08	1.14E-07
4903	485363.09	3862377.25	1.66E-04	1.62E-04	1.59E-04	5.73E-08	1.73E-07	1.00E-07	9.77E-08	8.86E-08	4.04E-08	3.99E-08	1.91E-09	4.62E-08	1.02E-08	1.33E-08	2.11E-08	3.71E-09	2.09E-08	1.17E-07
4904	485863.09	3862377.25	1.71E-04	1.67E-04	1.65E-04	5.92E-08	1.79E-07	1.03E-07	1.01E-07	9.15E-08	4.17E-08	4.12E-08	1.98E-09	4.77E-08	1.05E-08	1.37E-08	2.17E-08	3.83E-09	2.16E-08	1.21E-07
4905	486363.09	3862377.25	1.78E-04	1.74E-04	1.71E-04	6.16E-08	1.86E-07	1.08E-07	1.05E-07	9.53E-08	4.35E-08	4.29E-08	2.06E-09	4.97E-08	1.10E-08	1.43E-08	2.26E-08	3.99E-09	2.25E-08	1.26E-07
4906	486863.09	3862377.25	1.87E-04	1.83E-04	1.80E-04	6.48E-08	1.96E-07	1.13E-07	1.10E-07	1.00E-07	4.57E-08	4.51E-08	2.16E-09	5.22E-08	1.15E-08	1.50E-08	2.38E-08	4.19E-09	2.37E-08	1.33E-07
4907	487363.09	3862377.25	1.98E-04	1.93E-04	1.91E-04	6.85E-08	2.07E-07	1.20E-07	1.17E-07	1.06E-07	4.83E-08	4.77E-08	2.29E-09	5.53E-08	1.22E-08	1.59E-08	2.52E-08	4.44E-09	2.50E-08	1.40E-07
4908	487863.09	3862377.25	2.09E-04	2.04E-04	2.01E-04	7.24E-08	2.19E-07	1.27E-07	1.23E-07	1.12E-07	5.11E-08	5.04E-08	2.42E-09	5.84E-08	1.29E-08	1.68E-08	2.66E-08	4.69E-09	2.64E-08	1.48E-07
4909	488363.09	3862377.25	2.21E-04	2.15E-04	2.13E-04	7.64E-08	2.31E-07	1.34E-07	1.30E-07	1.18E-07	5.39E-08	5.32E-08	2.55E-09	6.16E-08	1.36E-08	1.77E-08	2.81E-08	4.95E-09	2.79E-08	1.56E-07
4910	488863.09	3862377.25	2.35E-04	2.29E-04	2.26E-04	8.13E-08	2.45E-07	1.42E-07	1.39E-07	1.26E-07	5.73E-08	5.66E-08	2.71E-09	6.56E-08	1.45E-08	1.88E-08	2.99E-08	5.26E-09	2.97E-08	1.66E-07
4911	489363.09	3862377.25	2.51E-04	2.45E-04	2.42E-04	8.69E-08	2.62E-07	1.52E-07	1.48E-07	1.34E-07	6.13E-08	6.05E-08	2.90E-09	7.01E-08	1.55E-08	2.01E-08	3.19E-08	5.63E-09	3.17E-08	1.78E-07
4912	489863.09	3862377.25	2.69E-04	2.62E-04	2.59E-04	9.31E-08	2.81E-07	1.63E-07	1.59E-07	1.44E-07	6.57E-08	6.48E-08	3.11E-09	7.51E-08	1.66E-08	2.16E-08	3.42E-08	6.03E-09	3.40E-08	1.91E-07
4913	490363.09	3862377.25	2.90E-04	2.83E-04	2.79E-04	1.00E-07	3.03E-07	1.75E-07	1.71E-07	1.55E-07	7.07E-08	6.98E-08	3.35E-09	8.09E-08	1.78E-08	2.32E-08	3.68E-08	6.49E-09	3.66E-08	2.05E-07
4914	490863.09	3862377.25	3.16E-04	3.08E-04	3.04E-04	1.09E-07	3.30E-07	1.91E-07	1.86E-07	1.69E-07	7.71E-08	7.61E-08	3.65E-09	8.82E-08	1.95E-08	2.53E-08	4.02E-08	7.08E-09	3.99E-08	2.24E-07
4915	491363.09	3862377.25	3.47E-04	3.39E-04	3.34E-04	1.20E-07	3.63E-07	2.10E-07	2.05E-07	1.86E-07	8.48E-08	8.37E-08	4.01E-09	9.70E-08	2.14E-08	2.78E-08	4.42E-08	7.78E-09	4.39E-08	2.46E-07
4916	491863.09	3862377.25	3.84E-04	3.75E-04	3.70E-04	1.33E-07	4.02E-07	2.32E-07	2.27E-07	2.06E-07	9.38E-08	9.26E-08	4.44E-09	1.07E-07	2.37E-08	3.08E-08	4.89E-08	8.61E-09	4.86E-08	2.72E-07
4917	492363.09	3862377.25	4.32E-04	4.21E-04	4.16E-04	1.50E-07	4.51E-07	2.61E-07	2.55E-07	2.31E-07	1.05E-07	1.04E-07	4.99E-09	1.21E-07	2.66E-08	3.46E-08	5.49E-08	9.68E-09	5.46E-08	3.06E-07
4918	492863.09	3862377.25	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.20E-07	3.01E-07	2.94E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.99E-08	6.33E-08	1.11E-08	6.29E-08	3.52E-07
4919	493363.09	3862377.25	5.78E-04	5.64E-04	5.57E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.10E-07	1.41E-07	1.39E-07	6.69E-09	1.61E-07	3.56E-08	4.64E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
4920	493863.09	3862377.25	6.77E-04	6.60E-04	6.52E-04	2.34E-07	7.07E-07	4.09E-07	4.00E-07	3.62E-07	1.65E-07	1.63E-07	7.82E-09	1.89E-07	4.17E-08	5.42E-08	8.61E-08	1.52E-08	8.56E-08	4.79E-07
4921	494363.09	3862377.25	8.21E-04	8.02E-04	7.91E-04	2.84E-07	8.59E-07	4.97E-07	4.85E-07	4.40E-07	2.01E-07	1.98E-07	9.50E-09	2.29E-07	5.06E-08	6.59E-08	1.04E-07	1.84E-08	1.04E-07	5.82E-07
4922	494863.09	3862377.25	1.03E-03	1.01E-03	9.92E-04	3.57E-07	1.08E-06	6.24E-07	6.08E-07	5.52E-07	2.52E-07	2.48E-07	1.19E-08	2.88E-07	6.35E-08	8.26E-08	1.31E-07	2.31E-08	1.30E-07	7.30E-07
4923	495363.09	3862377.25	1.34E-03	1.31E-03	1.29E-03	4.64E-07	1.40E-06	8.12E-07	7.92E-07	7.18E-07	3.28E-07	3.23E-07	1.55E-08	3.75E-07	8.26E-08	1.08E-07	1.71E-07	3.01E-08	1.70E-07	9.50E-07
4924	495863.09	3862377.25	2.00E-03	1.96E-03	1.93E-03	6.94E-07	2.10E-06	1.21E-06	1.18E-06	1.07E-06	4.90E-07	4.83E-07	2.32E-08	5.60E-07	1.24E-07	1.61E-07	2.55E-07	4.49E-08	2.54E-07	1.42E-06
4925	496363.09	3862377.25	3.97E-03	3.87E-03	3.82E-03	1.37E-06	4.15E-06	2.40E-06	2.34E-06	2.12E-06	9.70E-07	9.57E-07	4.59E-08	1.11E-06	2.45E-07	3.18E-07	5.05E-07	8.90E-08	5.02E-07	2.81E-06
4926	496863.09	3862377.25	3.42E-02	3.34E-02	3.29E-02	1.18E-05	3.58E-05	2.07E-05	2.02E-05	1.83E-05	8.36E-06	8.24E-06	3.95E-07	9.55E-06	2.11E-06	2.74E-06	4.35E-06	7.67E-07	4.33E-06	2.42E-05
4927	497363.09	3862377.25	2.06E-02	2.01E-02	1.99E-02	7.14E-06	2.16E-05	1.25E-05	1.22E-05	1.10E-05	5.04E-06	4.97E-06	2.39E-07	5.76E-06	1.27E-06	1.65E-06	2.62E-06	4.62E-07	2.61E-06	1.46E-05
4928	497863.09	3862377.25	5.60E-02	5.47E-02	5.40E-02	1.94E-05	5.86E-05	3.39E-05	3.31E-05	3.00E-05	1.37E-05	1.35E-05	6.48E-07	1.56E-05	3.45E-06	4.49E-06	7.13E-06	1.26E-06	7.09E-06	3.97E-05
4929	498363.09	3862377.25	7.07E-03	6.90E-03	6.81E-03	2.45E-06	7.39E-06	4.28E-06	4.18E-06	3.78E-06	1.73E-06	1.70E-06	8.17E-08	1.97E-06	4.36E-07	5.67E-07	8.99E-07	1.58E-07	8.94E-07	5.01E-06
4930	471363.09	3862877.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
4931	471863.09	3862877.25	8.13E-05	7.93E-05	7.83E-05	2.81E-08	8.50E-08	4.92E-08	4.80E-08	4.35E-08	1.99E-08	1.96E-08	9.40E-10	2.27E-08	5.01E-09	6.52E-09	1.03E-08	1.82E-09	1.03E-08	5.76E-08
4932	472363.09	3862877.25	8.30E-05	8.10E-05	7.99E-05	2.87E-08	8.67E-08	5.02E-08	4.90E-08	4.44E-08	2.03E-08	2.00E-08	9.59E-10	2.32E-08	5.11E-09	6.65E-09	1.06E-08	1.86E-09	1.05E-08	5.88E-08
4933	472863.09	3862877.25	8.42E-05	8.22E-05	8.11E-05	2.92E-08	8.80E-08	5.10E-08	4.97E-08	4.51E-08	2.06E-08	2.03E-08	9.74E-10	2.35E-08	5.19E-09	6.75E-09	1.07E-08	1.89E-09	1.07E-08	5.97E-08
4934	473363.09	3862877.25	8.59E-05	8.38E-05	8.27E-05	2.97E-08	8.98E-08	5.20E-08	5.07E-08	4.60E-08	2.10E-08	2.07E-08	9.93E-10	2.40E-08	5.29E-09	6.88E-09	1.09E-08	1.92E-09	1.09E-08	6.09E-08
4935	473863.09	3862877.25	8.71E-05	8.50E-05	8.39E-05	3.02E-08	9.11E-08	5.27E-08	5.14E-08	4.66E-08	2.13E-08	2.10E-08	1.01E-09	2.43E-08	5.37E-09	6.98E-09	1.11E-08	1.95E-09	1.10E-08	6.17E-08
4936	474363.09	3862877.25	8.84E-05	8.62E-05	8.51E-05	3.06E-08	9.24E-08	5.35E-08	5.22E-08	4.73E-08	2.16E-08	2.13E-08	1.02E-09	2.47E-08	5.44E-09	7.08E-09	1.12E-08	1.98E-09	1.12E-08	6.26E-08
4937	474863.09	3862877.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
4938	475363.09	3862877.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
4939	475863.09	3862877.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
4940	476363.09	3862877.25	9.63E-05	9.39E-05	9.27E-05	3.33E-08	1.01E-07	5.82E-08	5.68E-08	5.15E-08	2.35E-08	2.32E-08	1.11E-09	2.69E-08	5.93E-09	7.72E-09	1.22E-08	2.16E-09	1.22E-08	6.82E-08
4941	476863.09	3862877.25	9.75E-05	9.51E-05	9.39E-05	3.37E-08	1.02E-07	5.90E-08	5.76E-08	5.22E-08	2.38E-08	2.35E-08	1.13E-09	2.72E-08	6.01E-09	7.82E-09	1.24E-08	2.19E-09	1.23E-08	6.91E-08
4942	477363.09	3862877.25	9.92E-05	9.68E-05	9.55E-05	3.43E-08	1.04E-07	6.00E-08	5.85E-08	5.31E-08	2.42E-08	2.39E-08	1.15E-09	2.77E-08	6.11E-09	7.95E-09	1.26E-08	2.22E-09	1.25E-08	7.03E-08
4943	477863.09	3862877.25	9.71E-05	9.47E-05	9.35E-05	3.36E-08	1.01E-07	5.87E-08	5.73E-08	5.20E-08	2.37E-08	2.34E-08	1.12E-09	2.71E-08	5.98E-09	7.78E-09	1.23E-08	2.18E-09	1.23E-08	6.88E-08

4944	478363.09	3862877.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
4945	478863.09	3862877.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
4946	479363.09	3862877.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
4947	479863.09	3862877.25	1.10E-04	1.08E-04	1.06E-04	3.82E-08	1.15E-07	6.68E-08	6.52E-08	5.91E-08	2.70E-08	2.66E-08	1.28E-09	3.08E-08	6.80E-09	8.85E-09	1.40E-08	2.47E-09	1.40E-08	7.82E-08
4948	480363.09	3862877.25	1.15E-04	1.12E-04	1.10E-04	3.96E-08	1.20E-07	6.93E-08	6.76E-08	6.13E-08	2.80E-08	2.76E-08	1.32E-09	3.20E-08	7.06E-09	9.18E-09	1.46E-08	2.57E-09	1.45E-08	8.11E-08
4949	480863.09	3862877.25	1.17E-04	1.15E-04	1.13E-04	4.06E-08	1.23E-07	7.10E-08	6.93E-08	6.28E-08	2.87E-08	2.83E-08	1.36E-09	3.28E-08	7.23E-09	9.41E-09	1.49E-08	2.63E-09	1.48E-08	8.32E-08
4950	481363.09	3862877.25	1.22E-04	1.19E-04	1.17E-04	4.22E-08	1.27E-07	7.38E-08	7.20E-08	6.53E-08	2.98E-08	2.94E-08	1.41E-09	3.41E-08	7.52E-09	9.78E-09	1.55E-08	2.73E-09	1.54E-08	8.64E-08
4951	481863.09	3862877.25	1.26E-04	1.23E-04	1.21E-04	4.35E-08	1.31E-07	7.61E-08	7.42E-08	6.73E-08	3.07E-08	3.03E-08	1.45E-09	3.51E-08	7.75E-09	1.01E-08	1.60E-08	2.82E-09	1.59E-08	8.91E-08
4952	482363.09	3862877.25	1.29E-04	1.26E-04	1.25E-04	4.48E-08	1.35E-07	7.83E-08	7.64E-08	6.93E-08	3.16E-08	3.12E-08	1.50E-09	3.61E-08	7.98E-09	1.04E-08	1.65E-08	2.90E-09	1.64E-08	9.17E-08
4953	482863.09	3862877.25	1.33E-04	1.30E-04	1.28E-04	4.60E-08	1.39E-07	8.03E-08	7.84E-08	7.11E-08	3.24E-08	3.20E-08	1.53E-09	3.71E-08	8.18E-09	1.06E-08	1.69E-08	2.98E-09	1.68E-08	9.41E-08
4954	483363.09	3862877.25	1.36E-04	1.33E-04	1.31E-04	4.72E-08	1.43E-07	8.26E-08	8.06E-08	7.31E-08	3.33E-08	3.29E-08	1.58E-09	3.81E-08	8.41E-09	1.09E-08	1.74E-08	3.06E-09	1.73E-08	9.67E-08
4955	483863.09	3862877.25	1.40E-04	1.37E-04	1.35E-04	4.85E-08	1.47E-07	8.48E-08	8.28E-08	7.51E-08	3.42E-08	3.38E-08	1.62E-09	3.92E-08	8.64E-09	1.12E-08	1.78E-08	3.14E-09	1.77E-08	9.94E-08
4956	484363.09	3862877.25	1.45E-04	1.42E-04	1.40E-04	5.03E-08	1.52E-07	8.79E-08	8.57E-08	7.77E-08	3.55E-08	3.50E-08	1.68E-09	4.05E-08	8.95E-09	1.16E-08	1.85E-08	3.25E-09	1.84E-08	1.03E-07
4957	484863.09	3862877.25	1.51E-04	1.47E-04	1.45E-04	5.21E-08	1.57E-07	9.11E-08	8.89E-08	8.06E-08	3.68E-08	3.63E-08	1.74E-09	4.21E-08	9.28E-09	1.21E-08	1.92E-08	3.38E-09	1.90E-08	1.07E-07
4958	485363.09	3862877.25	1.56E-04	1.52E-04	1.50E-04	5.39E-08	1.63E-07	9.41E-08	9.19E-08	8.33E-08	3.80E-08	3.75E-08	1.80E-09	4.34E-08	9.59E-09	1.25E-08	1.98E-08	3.49E-09	1.97E-08	1.10E-07
4959	485863.09	3862877.25	1.61E-04	1.57E-04	1.55E-04	5.56E-08	1.68E-07	9.71E-08	9.48E-08	8.59E-08	3.92E-08	3.87E-08	1.86E-09	4.48E-08	9.89E-09	1.29E-08	2.04E-08	3.60E-09	2.03E-08	1.14E-07
4960	486363.09	3862877.25	1.66E-04	1.62E-04	1.60E-04	5.74E-08	1.73E-07	1.00E-07	9.80E-08	8.88E-08	4.05E-08	4.00E-08	1.92E-09	4.63E-08	1.02E-08	1.33E-08	2.11E-08	3.72E-09	2.10E-08	1.18E-07
4961	486863.09	3862877.25	1.73E-04	1.69E-04	1.67E-04	5.99E-08	1.81E-07	1.05E-07	1.02E-07	9.26E-08	4.23E-08	4.17E-08	2.00E-09	4.83E-08	1.07E-08	1.39E-08	2.20E-08	3.88E-09	2.19E-08	1.23E-07
4962	487363.09	3862877.25	1.82E-04	1.77E-04	1.75E-04	6.29E-08	1.90E-07	1.10E-07	1.07E-07	9.73E-08	4.44E-08	4.38E-08	2.10E-09	5.07E-08	1.12E-08	1.46E-08	2.31E-08	4.07E-09	2.30E-08	1.29E-07
4963	487863.09	3862877.25	1.91E-04	1.86E-04	1.84E-04	6.61E-08	1.99E-07	1.15E-07	1.13E-07	1.02E-07	4.66E-08	4.60E-08	2.21E-09	5.33E-08	1.18E-08	1.53E-08	2.43E-08	4.28E-09	2.41E-08	1.35E-07
4964	488363.09	3862877.25	2.00E-04	1.95E-04	1.93E-04	6.92E-08	2.09E-07	1.21E-07	1.18E-07	1.07E-07	4.88E-08	4.82E-08	2.31E-09	5.58E-08	1.23E-08	1.60E-08	2.54E-08	4.48E-09	2.53E-08	1.42E-07
4965	488863.09	3862877.25	2.10E-04	2.05E-04	2.02E-04	7.27E-08	2.19E-07	1.27E-07	1.24E-07	1.12E-07	5.13E-08	5.06E-08	2.43E-09	5.86E-08	1.29E-08	1.68E-08	2.67E-08	4.71E-09	2.65E-08	1.49E-07
4966	489363.09	3862877.25	2.22E-04	2.17E-04	2.14E-04	7.70E-08	2.32E-07	1.35E-07	1.31E-07	1.19E-07	5.43E-08	5.36E-08	2.57E-09	6.21E-08	1.37E-08	1.78E-08	2.83E-08	4.98E-09	2.81E-08	1.58E-07
4967	489863.09	3862877.25	2.36E-04	2.31E-04	2.28E-04	8.19E-08	2.47E-07	1.43E-07	1.40E-07	1.27E-07	5.78E-08	5.70E-08	2.73E-09	6.60E-08	1.46E-08	1.90E-08	3.01E-08	5.30E-09	2.99E-08	1.68E-07
4968	490363.09	3862877.25	2.51E-04	2.45E-04	2.42E-04	8.69E-08	2.62E-07	1.52E-07	1.48E-07	1.34E-07	6.13E-08	6.05E-08	2.90E-09	7.01E-08	1.55E-08	2.01E-08	3.19E-08	5.63E-09	3.17E-08	1.78E-07
4969	490863.09	3862877.25	2.68E-04	2.61E-04	2.58E-04	9.26E-08	2.80E-07	1.62E-07	1.58E-07	1.43E-07	6.54E-08	6.45E-08	3.09E-09	7.47E-08	1.65E-08	2.15E-08	3.40E-08	6.00E-09	3.38E-08	1.90E-07
4970	491363.09	3862877.25	2.85E-04	2.79E-04	2.75E-04	9.88E-08	2.98E-07	1.73E-07	1.69E-07	1.53E-07	6.97E-08	6.88E-08	3.30E-09	7.97E-08	1.76E-08	2.29E-08	3.63E-08	6.40E-09	3.61E-08	2.02E-07
4971	491863.09	3862877.25	3.07E-04	3.00E-04	2.96E-04	1.06E-07	3.21E-07	1.86E-07	1.81E-07	1.64E-07	7.50E-08	7.40E-08	3.55E-09	8.57E-08	1.89E-08	2.46E-08	3.90E-08	6.88E-09	3.88E-08	2.18E-07
4972	492363.09	3862877.25	3.30E-04	3.22E-04	3.18E-04	1.14E-07	3.45E-07	2.00E-07	1.95E-07	1.77E-07	8.06E-08	7.95E-08	3.81E-09	9.21E-08	2.03E-08	2.64E-08	4.19E-08	7.39E-09	4.17E-08	2.34E-07
4973	492863.09	3862877.25	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
4974	493363.09	3862877.25	3.98E-04	3.88E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.72E-08	9.59E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.92E-09	5.03E-08	2.82E-07
4975	493863.09	3862877.25	4.32E-04	4.22E-04	4.16E-04	1.50E-07	4.52E-07	2.62E-07	2.55E-07	2.31E-07	1.06E-07	1.04E-07	5.00E-09	1.21E-07	2.66E-08	3.47E-08	5.50E-08	9.69E-09	5.47E-08	3.06E-07
4976	494363.09	3862877.25	4.79E-04	4.67E-04	4.61E-04	1.66E-07	5.00E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.53E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.05E-08	3.39E-07
4977	494863.09	3862877.25	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.33E-09	1.53E-07	3.37E-08	4.39E-08	6.96E-08	1.23E-08	6.92E-08	3.88E-07
4978	495363.09	3862877.25	6.23E-04	6.08E-04	6.00E-04	2.16E-07	6.51E-07	3.77E-07	3.68E-07	3.34E-07	1.52E-07	1.50E-07	7.20E-09	1.74E-07	3.84E-08	5.00E-08	7.92E-08	1.40E-08	7.88E-08	4.42E-07
4979	495863.09	3862877.25	7.04E-04	6.87E-04	6.78E-04	2.44E-07	7.36E-07	4.26E-07	4.16E-07	3.77E-07	1.72E-07	1.70E-07	8.14E-09	1.97E-07	4.34E-08	5.65E-08	8.96E-08	1.58E-08	8.91E-08	4.99E-07
4980	496363.09	3862877.25	7.99E-04	7.80E-04	7.69E-04	2.77E-07	8.35E-07	4.83E-07	4.72E-07	4.28E-07	1.95E-07	1.93E-07	9.24E-09	2.23E-07	4.92E-08	6.41E-08	1.02E-07	1.79E-08	1.01E-07	5.66E-07
4981	496863.09	3862877.25	9.22E-04	9.00E-04	8.88E-04	3.19E-07	9.64E-07	5.58E-07	5.44E-07	4.93E-07	2.25E-07	2.22E-07	1.07E-08	2.57E-07	5.68E-08	7.39E-08	1.17E-07	2.07E-08	1.17E-07	6.53E-07
4982	497363.09	3862877.25	1.00E-03	9.79E-04	9.66E-04	3.47E-07	1.05E-06	6.07E-07	5.93E-07	5.37E-07	2.45E-07	2.42E-07	1.16E-08	2.80E-07	6.18E-08	8.05E-08	1.28E-07	2.25E-08	1.27E-07	7.11E-07
4983	497863.09	3862877.25	1.00E-03	9.79E-04	9.66E-04	3.47E-07	1.05E-06	6.07E-07	5.93E-07	5.37E-07	2.45E-07	2.42E-07	1.16E-08	2.80E-07	6.18E-08	8.05E-08	1.28E-07	2.25E-08	1.27E-07	7.11E-07
4984	498363.09	3862877.25	9.64E-04	9.41E-04	9.28E-04	3.34E-07	1.01E-06	5.83E-07	5.69E-07	5.16E-07	2.35E-07	2.32E-07	1.11E-08	2.69E-07	5.94E-08	7.73E-08	1.23E-07	2.16E-08	1.22E-07	6.83E-07
4985	471363.09	3863377.25	7.80E-05	7.61E-05	7.51E-05	2.70E-08	8.15E-08	4.72E-08	4.61E-08	4.17E-08	1.90E-08	1.88E-08	9.02E-10	2.18E-08	4.81E-09	6.25E-09	9.92E-09	1.75E-09	9.86E-09	5.53E-08
4986	471863.09	3863377.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
4987	472363.09	3863377.25	8.05E-05	7.85E-05	7.75E-05	2.79E-08	8.41E-08	4.87E-08	4.75E-08	4.31E-08	1.97E-08	1.94E-08	9.30E-10	2.25E-08	4.96E-09	6.45E-09	1.02E-08	1.80E-09	1.02E-08	5.70E-08
4988	472863.09	3863377.25	8.21E-05	8.02E-05	7.91E-05	2.84E-08	8.59E-08	4.97E-08	4.85E-08	4.40E-08	2.01E-08	1.98E-08	9.50E-10	2.29E-08	5.06E-09	6.59E-09	1.04E-08	1.84E-09	1.04E-08	5.82E-08
4989	473363.09	3863377.25	8.34E-05	8.14E-05	8.03E-05	2.89E-08	8.72E-08	5.05E-08	4.92E-08	4.46E-08	2.04E-08	2.01E-08	9.64E-10	2.33E-08	5.14E-09	6.68E-09	1.06E-08	1.87E-09	1.05E-08	5.91E-08
4990	473863.09	3863377.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08
4991	474363.09	3863377.25	8.63E-05	8.42E-05	8.31E-05	2.99E-08	9.02E-08	5.22E-08	5.10E-08	4.62E-08	2.11E-08	2.08E-08	9.98E-10	2.41E-08	5.32E-09	6.92E-09	1.10E-08	1.93E-09	1.09E-08	6.11E-08
4992	474863.09	3863377.25	8.75E-05	8.54E-05	8.43E-05	3.03E-08	9.15E-08	5.30E-08	5.17E-08	4.69E-08	2.14E-08	2.11E-08	1.01E-09	2.44E-08	5.39E-09	7.02E-09	1.11E-08	1.96E-09	1.11E-08	6.20E-08
4993	475363.09	3863377.25	8.92E-05	8.70E-05	8.59E-05	3.09E-08	9.32E-08	5.40E-08	5.27E-08	4.77E-08	2.18E-08	2.15E-08	1.03E-09	2.49E-08	5.50E-09	7.15E-09	1.13E-08	2.00E-09	1.13E-08	6.32E-08
4994	475863.09	3863377.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
4995	476363.09	3863377.25	9.29E-05	9.07E-05	8.95E-05	3.22E-08	9.71E-08	5.62E-08	5.49E-08	4.97E-08	2.27E-08	2.24E-08	1.07E-09	2.59E-08	5.73E-09	7.45E-09	1.18E-08	2.08E-09	1.18E-08	6.59E-08
4996	476863.09	3863377.25	9.46E-05	9.23E-05	9.11E-05	3.27E-08	9.89E-08	5.72E-08	5.59E-08	5.06E-08	2.31E-08	2.28E-08	1.09E-09	2.64E-08	5.83E-09	7.58E-09	1.20E-08	2.12E-09	1.20E-08	6.70E-08
4997	477363.09	3863377.25	9.63E-05	9.39E-05	9.27E-05	3.33E-08	1.01E-07	5.82E-08	5.68E-08	5.15E-08	2.35E-08	2.32E-08	1.11E-09	2.69E-08	5.93E-09	7.72E-09	1.22E-08	2.16E-09	1.22E-08	6.82E-08
4998	477863.09	3863377.25	9.67E-05	9.43E-05	9.31E-05	3.35E-08	1.01E-07	5.85E-08	5.71E-08	5.17E-08	2.36E-08	2.33E-08	1.12E-09	2.70E-08	5.96E-09	7.75E-09	1.23E-08	2.17E-09	1.22E-08	6.85E-08

4999	478363.09	3863377.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
5000	478863.09	3863377.25	9.54E-05	9.31E-05	9.19E-05	3.30E-08	9.97E-08	5.77E-08	5.63E-08	5.11E-08	2.33E-08	2.30E-08	1.10E-09	2.66E-08	5.88E-09	7.65E-09	1.21E-08	2.14E-09	1.21E-08	6.76E-08
5001	479363.09	3863377.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
5002	479863.09	3863377.25	1.07E-04	1.04E-04	1.03E-04	3.71E-08	1.12E-07	6.48E-08	6.32E-08	5.73E-08	2.61E-08	2.58E-08	1.24E-09	2.99E-08	6.59E-09	8.58E-09	1.36E-08	2.40E-09	1.35E-08	7.58E-08
5003	480363.09	3863377.25	1.10E-04	1.07E-04	1.06E-04	3.81E-08	1.15E-07	6.65E-08	6.49E-08	5.88E-08	2.69E-08	2.65E-08	1.27E-09	3.07E-08	6.77E-09	8.81E-09	1.40E-08	2.46E-09	1.39E-08	7.79E-08
5004	480863.09	3863377.25	1.13E-04	1.10E-04	1.09E-04	3.91E-08	1.18E-07	6.83E-08	6.66E-08	6.04E-08	2.76E-08	2.72E-08	1.30E-09	3.15E-08	6.95E-09	9.05E-09	1.44E-08	2.53E-09	1.43E-08	8.00E-08
5005	481363.09	3863377.25	1.17E-04	1.14E-04	1.12E-04	4.04E-08	1.22E-07	7.05E-08	6.88E-08	6.24E-08	2.85E-08	2.81E-08	1.35E-09	3.26E-08	7.18E-09	9.35E-09	1.48E-08	2.61E-09	1.47E-08	8.26E-08
5006	481863.09	3863377.25	1.20E-04	1.17E-04	1.16E-04	4.16E-08	1.26E-07	7.28E-08	7.10E-08	6.44E-08	2.94E-08	2.90E-08	1.39E-09	3.36E-08	7.41E-09	9.64E-09	1.53E-08	2.70E-09	1.52E-08	8.53E-08
5007	482363.09	3863377.25	1.24E-04	1.21E-04	1.19E-04	4.28E-08	1.29E-07	7.48E-08	7.30E-08	6.62E-08	3.02E-08	2.98E-08	1.43E-09	3.45E-08	7.62E-09	9.91E-09	1.57E-08	2.77E-09	1.56E-08	8.76E-08
5008	482863.09	3863377.25	1.27E-04	1.23E-04	1.22E-04	4.38E-08	1.32E-07	7.66E-08	7.47E-08	6.77E-08	3.09E-08	3.05E-08	1.46E-09	3.53E-08	7.80E-09	1.01E-08	1.61E-08	2.84E-09	1.60E-08	8.97E-08
5009	483363.09	3863377.25	1.30E-04	1.27E-04	1.25E-04	4.50E-08	1.36E-07	7.86E-08	7.67E-08	6.95E-08	3.17E-08	3.13E-08	1.50E-09	3.63E-08	8.00E-09	1.04E-08	1.65E-08	2.91E-09	1.64E-08	9.20E-08
5010	483863.09	3863377.25	1.33E-04	1.30E-04	1.28E-04	4.61E-08	1.39E-07	8.06E-08	7.86E-08	7.13E-08	3.25E-08	3.21E-08	1.54E-09	3.72E-08	8.21E-09	1.07E-08	1.69E-08	2.98E-09	1.68E-08	9.44E-08
5011	484363.09	3863377.25	1.38E-04	1.34E-04	1.33E-04	4.77E-08	1.44E-07	8.33E-08	8.13E-08	7.37E-08	3.36E-08	3.32E-08	1.59E-09	3.85E-08	8.49E-09	1.10E-08	1.75E-08	3.09E-09	1.74E-08	9.76E-08
5012	484863.09	3863377.25	1.42E-04	1.39E-04	1.37E-04	4.93E-08	1.49E-07	8.61E-08	8.40E-08	7.62E-08	3.48E-08	3.43E-08	1.64E-09	3.97E-08	8.77E-09	1.14E-08	1.81E-08	3.19E-09	1.80E-08	1.01E-07
5013	485363.09	3863377.25	1.47E-04	1.43E-04	1.41E-04	5.08E-08	1.54E-07	8.89E-08	8.67E-08	7.86E-08	3.59E-08	3.54E-08	1.70E-09	4.10E-08	9.05E-09	1.18E-08	1.87E-08	3.29E-09	1.86E-08	1.04E-07
5014	485863.09	3863377.25	1.51E-04	1.47E-04	1.45E-04	5.23E-08	1.58E-07	9.14E-08	8.92E-08	8.08E-08	3.69E-08	3.64E-08	1.75E-09	4.22E-08	9.30E-09	1.21E-08	1.92E-08	3.38E-09	1.91E-08	1.07E-07
5015	486363.09	3863377.25	1.55E-04	1.51E-04	1.49E-04	5.36E-08	1.62E-07	9.36E-08	9.14E-08	8.28E-08	3.78E-08	3.73E-08	1.79E-09	4.32E-08	9.53E-09	1.24E-08	1.97E-08	3.47E-09	1.96E-08	1.10E-07
5016	486863.09	3863377.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
5017	487363.09	3863377.25	1.67E-04	1.63E-04	1.61E-04	5.77E-08	1.74E-07	1.01E-07	9.85E-08	8.93E-08	4.07E-08	4.02E-08	1.93E-09	4.66E-08	1.03E-08	1.34E-08	2.12E-08	3.74E-09	2.11E-08	1.18E-07
5018	487863.09	3863377.25	1.74E-04	1.70E-04	1.68E-04	6.03E-08	1.82E-07	1.05E-07	1.03E-07	9.33E-08	4.26E-08	4.20E-08	2.01E-09	4.87E-08	1.07E-08	1.40E-08	2.22E-08	3.91E-09	2.20E-08	1.23E-07
5019	488363.09	3863377.25	1.81E-04	1.77E-04	1.75E-04	6.28E-08	1.89E-07	1.10E-07	1.07E-07	9.70E-08	4.43E-08	4.37E-08	2.10E-09	5.06E-08	1.12E-08	1.45E-08	2.31E-08	4.06E-09	2.29E-08	1.28E-07
5020	488863.09	3863377.25	1.89E-04	1.85E-04	1.82E-04	6.55E-08	1.98E-07	1.14E-07	1.12E-07	1.01E-07	4.62E-08	4.56E-08	2.19E-09	5.28E-08	1.17E-08	1.52E-08	2.41E-08	4.24E-09	2.39E-08	1.34E-07
5021	489363.09	3863377.25	1.97E-04	1.93E-04	1.90E-04	6.84E-08	2.06E-07	1.19E-07	1.17E-07	1.06E-07	4.82E-08	4.76E-08	2.28E-09	5.51E-08	1.22E-08	1.58E-08	2.51E-08	4.43E-09	2.50E-08	1.40E-07
5022	489863.09	3863377.25	2.07E-04	2.02E-04	2.00E-04	7.18E-08	2.17E-07	1.26E-07	1.22E-07	1.11E-07	5.07E-08	5.00E-08	2.40E-09	5.79E-08	1.28E-08	1.66E-08	2.64E-08	4.65E-09	2.62E-08	1.47E-07
5023	490363.09	3863377.25	2.18E-04	2.13E-04	2.10E-04	7.55E-08	2.28E-07	1.32E-07	1.29E-07	1.17E-07	5.33E-08	5.26E-08	2.52E-09	6.09E-08	1.34E-08	1.75E-08	2.78E-08	4.89E-09	2.76E-08	1.55E-07
5024	490863.09	3863377.25	2.29E-04	2.23E-04	2.21E-04	7.93E-08	2.39E-07	1.39E-07	1.35E-07	1.23E-07	5.59E-08	5.52E-08	2.65E-09	6.39E-08	1.41E-08	1.84E-08	2.91E-08	5.13E-09	2.90E-08	1.62E-07
5025	491363.09	3863377.25	2.41E-04	2.35E-04	2.32E-04	8.33E-08	2.52E-07	1.46E-07	1.42E-07	1.29E-07	5.88E-08	5.80E-08	2.78E-09	6.72E-08	1.48E-08	1.93E-08	3.06E-08	5.39E-09	3.04E-08	1.71E-07
5026	491863.09	3863377.25	2.53E-04	2.47E-04	2.44E-04	8.76E-08	2.65E-07	1.53E-07	1.49E-07	1.35E-07	6.18E-08	6.10E-08	2.93E-09	7.07E-08	1.56E-08	2.03E-08	3.22E-08	5.67E-09	3.20E-08	1.79E-07
5027	492363.09	3863377.25	2.63E-04	2.57E-04	2.54E-04	9.12E-08	2.75E-07	1.59E-07	1.56E-07	1.41E-07	6.43E-08	6.35E-08	3.05E-09	7.36E-08	1.62E-08	2.11E-08	3.35E-08	5.90E-09	3.33E-08	1.87E-07
5028	492863.09	3863377.25	2.57E-04	2.51E-04	2.48E-04	8.90E-08	2.69E-07	1.56E-07	1.52E-07	1.38E-07	6.28E-08	6.20E-08	2.97E-09	7.18E-08	1.58E-08	2.06E-08	3.27E-08	5.77E-09	3.25E-08	1.82E-07
5029	493363.09	3863377.25	2.46E-04	2.40E-04	2.37E-04	8.52E-08	2.57E-07	1.49E-07	1.45E-07	1.32E-07	6.01E-08	5.93E-08	2.84E-09	6.87E-08	1.52E-08	1.97E-08	3.13E-08	5.51E-09	3.11E-08	1.74E-07
5030	493863.09	3863377.25	2.62E-04	2.56E-04	2.52E-04	9.08E-08	2.74E-07	1.59E-07	1.55E-07	1.40E-07	6.40E-08	6.32E-08	3.03E-09	7.32E-08	1.62E-08	2.10E-08	3.33E-08	5.88E-09	3.32E-08	1.86E-07
5031	494363.09	3863377.25	2.92E-04	2.85E-04	2.82E-04	1.01E-07	3.06E-07	1.77E-07	1.73E-07	1.57E-07	7.14E-08	7.05E-08	3.38E-09	8.17E-08	1.80E-08	2.34E-08	3.72E-08	6.56E-09	3.70E-08	2.07E-07
5032	494863.09	3863377.25	2.97E-04	2.89E-04	2.86E-04	1.03E-07	3.10E-07	1.79E-07	1.75E-07	1.59E-07	7.24E-08	7.15E-08	3.43E-09	8.28E-08	1.83E-08	2.38E-08	3.77E-08	6.65E-09	3.75E-08	2.10E-07
5033	495363.09	3863377.25	2.91E-04	2.84E-04	2.80E-04	1.01E-07	3.04E-07	1.76E-07	1.72E-07	1.56E-07	7.10E-08	7.01E-08	3.36E-09	8.12E-08	1.79E-08	2.33E-08	3.70E-08	6.52E-09	3.68E-08	2.06E-07
5034	495863.09	3863377.25	2.95E-04	2.88E-04	2.84E-04	1.02E-07	3.09E-07	1.79E-07	1.74E-07	1.58E-07	7.21E-08	7.12E-08	3.41E-09	8.25E-08	1.82E-08	2.37E-08	3.76E-08	6.62E-09	3.74E-08	2.09E-07
5035	496363.09	3863377.25	4.14E-04	4.04E-04	3.98E-04	1.43E-07	4.32E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.97E-08	4.78E-09	1.15E-07	2.55E-08	3.32E-08	5.26E-08	9.27E-09	5.23E-08	2.93E-07
5036	496863.09	3863377.25	4.28E-04	4.17E-04	4.12E-04	1.48E-07	4.47E-07	2.59E-07	2.53E-07	2.29E-07	1.04E-07	1.03E-07	4.94E-09	1.19E-07	2.64E-08	3.43E-08	5.44E-08	9.59E-09	5.41E-08	3.03E-07
5037	497363.09	3863377.25	4.22E-04	4.12E-04	4.06E-04	1.46E-07	4.41E-07	2.55E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.88E-09	1.18E-07	2.60E-08	3.38E-08	5.37E-08	9.46E-09	5.34E-08	2.99E-07
5038	497863.09	3863377.25	4.09E-04	3.99E-04	3.94E-04	1.42E-07	4.28E-07	2.48E-07	2.42E-07	2.19E-07	9.99E-08	9.86E-08	4.73E-09	1.14E-07	2.52E-08	3.28E-08	5.20E-08	9.17E-09	5.17E-08	2.90E-07
5039	498363.09	3863377.25	4.06E-04	3.96E-04	3.91E-04	1.40E-07	4.24E-07	2.46E-07	2.40E-07	2.17E-07	9.91E-08	9.78E-08	4.69E-09	1.13E-07	2.50E-08	3.25E-08	5.16E-08	9.09E-09	5.13E-08	2.88E-07
5040	471363.09	3863877.25	7.55E-05	7.37E-05	7.27E-05	2.61E-08	7.89E-08	4.57E-08	4.46E-08	4.04E-08	1.84E-08	1.82E-08	8.73E-10	2.11E-08	4.65E-09	6.05E-09	9.60E-09	1.69E-09	9.55E-09	5.35E-08
5041	471863.09	3863877.25	7.72E-05	7.53E-05	7.43E-05	2.67E-08	8.07E-08	4.67E-08	4.56E-08	4.13E-08	1.88E-08	1.86E-08	8.92E-10	2.15E-08	4.75E-09	6.19E-09	9.81E-09	1.73E-09	9.76E-09	5.47E-08
5042	472363.09	3863877.25	7.80E-05	7.61E-05	7.51E-05	2.70E-08	8.15E-08	4.72E-08	4.61E-08	4.17E-08	1.90E-08	1.88E-08	9.02E-10	2.18E-08	4.81E-09	6.25E-09	9.92E-09	1.75E-09	9.86E-09	5.53E-08
5043	472863.09	3863877.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
5044	473363.09	3863877.25	8.09E-05	7.89E-05	7.79E-05	2.80E-08	8.46E-08	4.90E-08	4.78E-08	4.33E-08	1.98E-08	1.95E-08	9.35E-10	2.26E-08	4.98E-09	6.49E-09	1.03E-08	1.81E-09	1.02E-08	5.73E-08
5045	473863.09	3863877.25	8.26E-05	8.06E-05	7.95E-05	2.86E-08	8.63E-08	5.00E-08	4.87E-08	4.42E-08	2.02E-08	1.99E-08	9.54E-10	2.31E-08	5.09E-09	6.62E-09	1.05E-08	1.85E-09	1.04E-08	5.85E-08
5046	474363.09	3863877.25	8.34E-05	8.14E-05	8.03E-05	2.89E-08	8.72E-08	5.05E-08	4.92E-08	4.46E-08	2.04E-08	2.01E-08	9.64E-10	2.33E-08	5.14E-09	6.68E-09	1.06E-08	1.87E-09	1.05E-08	5.91E-08
5047	474863.09	3863877.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08
5048	475363.09	3863877.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
5049	475863.09	3863877.25	8.84E-05	8.62E-05	8.51E-05	3.06E-08	9.24E-08	5.35E-08	5.22E-08	4.73E-08	2.16E-08	2.13E-08	1.02E-09	2.47E-08	5.44E-09	7.08E-09	1.12E-08	1.98E-09	1.12E-08	6.26E-08
5050	476363.09	3863877.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
5051	476863.09	3863877.25	9.17E-05	8.95E-05	8.83E-05	3.17E-08	9.58E-08	5.55E-08	5.41E-08	4.91E-08	2.24E-08	2.21E-08	1.06E-09	2.56E-08	5.65E-09	7.35E-09	1.17E-08	2.05E-09	1.16E-08	6.50E-08
5052	477363.09	3863877.25	9.29E-05	9.07E-05	8.95E-05	3.22E-08	9.71E-08	5.62E-08	5.49E-08	4.97E-08	2.27E-08	2.24E-08	1.07E-09	2.59E-08	5.73E-09	7.45E-09	1.18E-08	2.08E-09	1.18E-08	6.59E-08
5053	477863.09	3863877.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08

5054	478363.09	3863877.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
5055	478863.09	3863877.25	9.75E-05	9.51E-05	9.39E-05	3.37E-08	1.02E-07	5.90E-08	5.76E-08	5.22E-08	2.38E-08	2.35E-08	1.13E-09	2.72E-08	6.01E-09	7.82E-09	1.24E-08	2.19E-09	1.23E-08	6.91E-08
5056	479363.09	3863877.25	1.00E-04	9.80E-05	9.67E-05	3.48E-08	1.05E-07	6.07E-08	5.93E-08	5.37E-08	2.45E-08	2.42E-08	1.16E-09	2.80E-08	6.19E-09	8.05E-09	1.28E-08	2.25E-09	1.27E-08	7.11E-08
5057	479863.09	3863877.25	1.04E-04	1.01E-04	9.99E-05	3.59E-08	1.08E-07	6.28E-08	6.12E-08	5.55E-08	2.53E-08	2.50E-08	1.20E-09	2.90E-08	6.39E-09	8.31E-09	1.32E-08	2.32E-09	1.31E-08	7.35E-08
5058	480363.09	3863877.25	1.06E-04	1.03E-04	1.02E-04	3.66E-08	1.11E-07	6.40E-08	6.25E-08	5.66E-08	2.58E-08	2.55E-08	1.22E-09	2.95E-08	6.52E-09	8.48E-09	1.35E-08	2.37E-09	1.34E-08	7.50E-08
5059	480863.09	3863877.25	1.09E-04	1.06E-04	1.05E-04	3.76E-08	1.14E-07	6.58E-08	6.42E-08	5.82E-08	2.65E-08	2.62E-08	1.26E-09	3.04E-08	6.70E-09	8.71E-09	1.38E-08	2.44E-09	1.37E-08	7.70E-08
5060	481363.09	3863877.25	1.12E-04	1.09E-04	1.07E-04	3.86E-08	1.17E-07	6.75E-08	6.59E-08	5.97E-08	2.73E-08	2.69E-08	1.29E-09	3.12E-08	6.88E-09	8.95E-09	1.42E-08	2.50E-09	1.41E-08	7.91E-08
5061	481863.09	3863877.25	1.15E-04	1.12E-04	1.11E-04	3.98E-08	1.20E-07	6.95E-08	6.79E-08	6.15E-08	2.81E-08	2.77E-08	1.33E-09	3.21E-08	7.08E-09	9.21E-09	1.46E-08	2.58E-09	1.45E-08	8.14E-08
5062	482363.09	3863877.25	1.17E-04	1.15E-04	1.13E-04	4.06E-08	1.23E-07	7.10E-08	6.93E-08	6.28E-08	2.87E-08	2.83E-08	1.36E-09	3.28E-08	7.23E-09	9.41E-09	1.49E-08	2.63E-09	1.48E-08	8.32E-08
5063	482863.09	3863877.25	1.20E-04	1.17E-04	1.15E-04	4.15E-08	1.25E-07	7.25E-08	7.08E-08	6.42E-08	2.93E-08	2.89E-08	1.39E-09	3.35E-08	7.39E-09	9.61E-09	1.52E-08	2.69E-09	1.52E-08	8.50E-08
5064	483363.09	3863877.25	1.23E-04	1.20E-04	1.18E-04	4.25E-08	1.28E-07	7.43E-08	7.25E-08	6.57E-08	3.00E-08	2.96E-08	1.42E-09	3.43E-08	7.57E-09	9.84E-09	1.56E-08	2.75E-09	1.55E-08	8.70E-08
5065	483863.09	3863877.25	1.25E-04	1.22E-04	1.21E-04	4.34E-08	1.31E-07	7.58E-08	7.40E-08	6.71E-08	3.06E-08	3.02E-08	1.45E-09	3.50E-08	7.72E-09	1.00E-08	1.59E-08	2.81E-09	1.58E-08	8.88E-08
5066	484363.09	3863877.25	1.29E-04	1.26E-04	1.24E-04	4.45E-08	1.34E-07	7.78E-08	7.59E-08	6.88E-08	3.14E-08	3.10E-08	1.49E-09	3.59E-08	7.92E-09	1.03E-08	1.64E-08	2.88E-09	1.63E-08	9.11E-08
5067	484863.09	3863877.25	1.32E-04	1.29E-04	1.27E-04	4.58E-08	1.38E-07	8.01E-08	7.81E-08	7.08E-08	3.23E-08	3.19E-08	1.53E-09	3.70E-08	8.15E-09	1.06E-08	1.68E-08	2.97E-09	1.67E-08	9.38E-08
5068	485363.09	3863877.25	1.36E-04	1.32E-04	1.31E-04	4.70E-08	1.42E-07	8.21E-08	8.01E-08	7.26E-08	3.31E-08	3.27E-08	1.57E-09	3.79E-08	8.36E-09	1.09E-08	1.73E-08	3.04E-09	1.72E-08	9.61E-08
5069	485863.09	3863877.25	1.39E-04	1.36E-04	1.34E-04	4.81E-08	1.45E-07	8.41E-08	8.21E-08	7.44E-08	3.39E-08	3.35E-08	1.61E-09	3.88E-08	8.56E-09	1.11E-08	1.77E-08	3.11E-09	1.76E-08	9.85E-08
5070	486363.09	3863877.25	1.42E-04	1.39E-04	1.37E-04	4.93E-08	1.49E-07	8.61E-08	8.40E-08	7.62E-08	3.48E-08	3.43E-08	1.64E-09	3.97E-08	8.77E-09	1.14E-08	1.81E-08	3.19E-09	1.80E-08	1.01E-07
5071	486863.09	3863877.25	1.46E-04	1.43E-04	1.41E-04	5.07E-08	1.53E-07	8.86E-08	8.65E-08	7.84E-08	3.58E-08	3.53E-08	1.69E-09	4.09E-08	9.02E-09	1.17E-08	1.86E-08	3.28E-09	1.85E-08	1.04E-07
5072	487363.09	3863877.25	1.51E-04	1.48E-04	1.46E-04	5.24E-08	1.58E-07	9.16E-08	8.94E-08	8.10E-08	3.70E-08	3.65E-08	1.75E-09	4.23E-08	9.33E-09	1.21E-08	1.93E-08	3.39E-09	1.92E-08	1.07E-07
5073	487863.09	3863877.25	1.58E-04	1.54E-04	1.52E-04	5.46E-08	1.65E-07	9.54E-08	9.31E-08	8.44E-08	3.85E-08	3.80E-08	1.82E-09	4.40E-08	9.71E-09	1.26E-08	2.00E-08	3.53E-09	1.99E-08	1.12E-07
5074	488363.09	3863877.25	1.64E-04	1.60E-04	1.58E-04	5.67E-08	1.71E-07	9.92E-08	9.68E-08	8.77E-08	4.00E-08	3.95E-08	1.89E-09	4.58E-08	1.01E-08	1.31E-08	2.08E-08	3.67E-09	2.07E-08	1.16E-07
5075	488863.09	3863877.25	1.70E-04	1.66E-04	1.64E-04	5.89E-08	1.78E-07	1.03E-07	1.00E-07	9.10E-08	4.15E-08	4.10E-08	1.97E-09	4.75E-08	1.05E-08	1.36E-08	2.16E-08	3.81E-09	2.15E-08	1.21E-07
5076	489363.09	3863877.25	1.77E-04	1.73E-04	1.71E-04	6.13E-08	1.85E-07	1.07E-07	1.05E-07	9.48E-08	4.33E-08	4.27E-08	2.05E-09	4.95E-08	1.09E-08	1.42E-08	2.25E-08	3.97E-09	2.24E-08	1.26E-07
5077	489863.09	3863877.25	1.84E-04	1.79E-04	1.77E-04	6.36E-08	1.92E-07	1.11E-07	1.09E-07	9.84E-08	4.49E-08	4.43E-08	2.12E-09	5.13E-08	1.13E-08	1.47E-08	2.34E-08	4.12E-09	2.32E-08	1.30E-07
5078	490363.09	3863877.25	1.91E-04	1.86E-04	1.84E-04	6.61E-08	1.99E-07	1.15E-07	1.13E-07	1.02E-07	4.66E-08	4.60E-08	2.21E-09	5.33E-08	1.18E-08	1.53E-08	2.43E-08	4.28E-09	2.41E-08	1.35E-07
5079	490863.09	3863877.25	1.97E-04	1.93E-04	1.90E-04	6.84E-08	2.06E-07	1.19E-07	1.17E-07	1.06E-07	4.82E-08	4.76E-08	2.28E-09	5.51E-08	1.22E-08	1.58E-08	2.51E-08	4.43E-09	2.50E-08	1.40E-07
5080	491363.09	3863877.25	2.04E-04	1.99E-04	1.96E-04	7.05E-08	2.13E-07	1.23E-07	1.20E-07	1.09E-07	4.97E-08	4.91E-08	2.35E-09	5.69E-08	1.26E-08	1.63E-08	2.59E-08	4.57E-09	2.58E-08	1.44E-07
5081	491863.09	3863877.25	2.02E-04	1.98E-04	1.95E-04	7.01E-08	2.12E-07	1.23E-07	1.20E-07	1.08E-07	4.94E-08	4.88E-08	2.34E-09	5.65E-08	1.25E-08	1.62E-08	2.57E-08	4.54E-09	2.56E-08	1.43E-07
5082	492363.09	3863877.25	1.80E-04	1.76E-04	1.73E-04	6.23E-08	1.88E-07	1.09E-07	1.06E-07	9.64E-08	4.40E-08	4.34E-08	2.08E-09	5.03E-08	1.11E-08	1.44E-08	2.29E-08	4.04E-09	2.28E-08	1.28E-07
5083	492863.09	3863877.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
5084	493363.09	3863877.25	1.65E-04	1.61E-04	1.59E-04	5.72E-08	1.73E-07	9.99E-08	9.75E-08	8.84E-08	4.03E-08	3.98E-08	1.91E-09	4.61E-08	1.02E-08	1.32E-08	2.10E-08	3.70E-09	2.09E-08	1.17E-07
5085	493863.09	3863877.25	1.78E-04	1.74E-04	1.71E-04	6.16E-08	1.86E-07	1.08E-07	1.05E-07	9.53E-08	4.35E-08	4.29E-08	2.06E-09	4.97E-08	1.10E-08	1.43E-08	2.26E-08	3.99E-09	2.25E-08	1.26E-07
5086	494363.09	3863877.25	1.94E-04	1.89E-04	1.87E-04	6.72E-08	2.03E-07	1.17E-07	1.15E-07	1.04E-07	4.74E-08	4.68E-08	2.24E-09	5.42E-08	1.20E-08	1.56E-08	2.47E-08	4.35E-09	2.46E-08	1.38E-07
5087	494863.09	3863877.25	2.00E-04	1.95E-04	1.92E-04	6.91E-08	2.09E-07	1.21E-07	1.18E-07	1.07E-07	4.87E-08	4.81E-08	2.31E-09	5.57E-08	1.23E-08	1.60E-08	2.54E-08	4.47E-09	2.52E-08	1.41E-07
5088	495363.09	3863877.25	2.05E-04	2.00E-04	1.98E-04	7.11E-08	2.15E-07	1.24E-07	1.21E-07	1.10E-07	5.02E-08	4.95E-08	2.37E-09	5.73E-08	1.27E-08	1.65E-08	2.61E-08	4.60E-09	2.60E-08	1.46E-07
5089	495863.09	3863877.25	2.06E-04	2.01E-04	1.99E-04	7.14E-08	2.16E-07	1.25E-07	1.22E-07	1.10E-07	5.04E-08	4.97E-08	2.38E-09	5.76E-08	1.27E-08	1.65E-08	2.62E-08	4.62E-09	2.61E-08	1.46E-07
5090	496363.09	3863877.25	2.34E-04	2.28E-04	2.25E-04	8.09E-08	2.44E-07	1.41E-07	1.38E-07	1.25E-07	5.70E-08	5.63E-08	2.70E-09	6.52E-08	1.44E-08	1.87E-08	2.97E-08	5.24E-09	2.95E-08	1.66E-07
5091	496863.09	3863877.25	2.64E-04	2.57E-04	2.54E-04	9.13E-08	2.76E-07	1.60E-07	1.56E-07	1.41E-07	6.44E-08	6.36E-08	3.05E-09	7.37E-08	1.63E-08	2.12E-08	3.36E-08	5.91E-09	3.34E-08	1.87E-07
5092	497363.09	3863877.25	2.72E-04	2.65E-04	2.62E-04	9.41E-08	2.84E-07	1.64E-07	1.60E-07	1.45E-07	6.64E-08	6.55E-08	3.14E-09	7.59E-08	1.67E-08	2.18E-08	3.46E-08	6.09E-09	3.44E-08	1.93E-07
5093	497863.09	3863877.25	2.68E-04	2.61E-04	2.58E-04	9.26E-08	2.80E-07	1.62E-07	1.58E-07	1.43E-07	6.54E-08	6.45E-08	3.09E-09	7.47E-08	1.65E-08	2.15E-08	3.40E-08	6.00E-09	3.38E-08	1.90E-07
5094	498363.09	3863877.25	2.60E-04	2.53E-04	2.50E-04	8.99E-08	2.71E-07	1.57E-07	1.53E-07	1.39E-07	6.34E-08	6.26E-08	3.00E-09	7.25E-08	1.60E-08	2.08E-08	3.30E-08	5.82E-09	3.28E-08	1.84E-07
5095	471363.09	3864377.25	7.38E-05	7.21E-05	7.11E-05	2.56E-08	7.72E-08	4.47E-08	4.36E-08	3.95E-08	1.80E-08	1.78E-08	8.54E-10	2.06E-08	4.55E-09	5.92E-09	9.39E-09	1.66E-09	9.34E-09	5.23E-08
5096	471863.09	3864377.25	7.47E-05	7.29E-05	7.19E-05	2.59E-08	7.81E-08	4.52E-08	4.41E-08	4.00E-08	1.82E-08	1.80E-08	8.63E-10	2.09E-08	4.60E-09	5.99E-09	9.50E-09	1.67E-09	9.44E-09	5.29E-08
5097	472363.09	3864377.25	7.63E-05	7.45E-05	7.35E-05	2.64E-08	7.98E-08	4.62E-08	4.51E-08	4.09E-08	1.86E-08	1.84E-08	8.82E-10	2.13E-08	4.70E-09	6.12E-09	9.71E-09	1.71E-09	9.65E-09	5.41E-08
5098	472863.09	3864377.25	7.76E-05	7.57E-05	7.47E-05	2.69E-08	8.11E-08	4.69E-08	4.58E-08	4.15E-08	1.89E-08	1.87E-08	8.97E-10	2.17E-08	4.78E-09	6.22E-09	9.87E-09	1.74E-09	9.81E-09	5.50E-08
5099	473363.09	3864377.25	7.88E-05	7.69E-05	7.59E-05	2.73E-08	8.24E-08	4.77E-08	4.65E-08	4.22E-08	1.93E-08	1.90E-08	9.11E-10	2.20E-08	4.86E-09	6.32E-09	1.00E-08	1.77E-09	9.97E-09	5.59E-08
5100	473863.09	3864377.25	8.01E-05	7.81E-05	7.71E-05	2.77E-08	8.37E-08	4.84E-08	4.73E-08	4.29E-08	1.96E-08	1.93E-08	9.26E-10	2.24E-08	4.93E-09	6.42E-09	1.02E-08	1.79E-09	1.01E-08	5.67E-08
5101	474363.09	3864377.25	8.13E-05	7.93E-05	7.83E-05	2.81E-08	8.50E-08	4.92E-08	4.80E-08	4.35E-08	1.99E-08	1.96E-08	9.40E-10	2.27E-08	5.01E-09	6.52E-09	1.03E-08	1.82E-09	1.03E-08	5.76E-08
5102	474863.09	3864377.25	8.26E-05	8.06E-05	7.95E-05	2.86E-08	8.63E-08	5.00E-08	4.87E-08	4.42E-08	2.02E-08	1.99E-08	9.54E-10	2.31E-08	5.09E-09	6.62E-09	1.05E-08	1.85E-09	1.04E-08	5.85E-08
5103	475363.09	3864377.25	8.38E-05	8.18E-05	8.07E-05	2.90E-08	8.76E-08	5.07E-08	4.95E-08	4.49E-08	2.05E-08	2.02E-08	9.69E-10	2.34E-08	5.16E-09	6.72E-09	1.07E-08	1.88E-09	1.06E-08	5.94E-08
5104	475863.09	3864377.25	8.55E-05	8.34E-05	8.23E-05	2.96E-08	8.93E-08	5.17E-08	5.05E-08	4.57E-08	2.09E-08	2.06E-08	9.88E-10	2.39E-08	5.27E-09	6.85E-09	1.09E-08	1.92E-09	1.08E-08	6.06E-08
5105	476363.09	3864377.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
5106	476863.09	3864377.25	8.84E-05	8.62E-05	8.51E-05	3.06E-08	9.24E-08	5.35E-08	5.22E-08	4.73E-08	2.16E-08	2.13E-08	1.02E-09	2.47E-08	5.44E-09	7.08E-09	1.12E-08	1.98E-09	1.12E-08	6.26E-08
5107	477363.09	3864377.25	9.04E-05	8.83E-05	8.71E-05	3.13E-08	9.45E-08	5.47E-08	5.34E-08	4.84E-08	2.21E-08	2.18E-08	1.05E-09	2.53E-08	5.57E-09	7.25E-09	1.15E-08	2.03E-09	1.14E-08	6.41E-08
5108	477863.09	3864377.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08

5109	478363.09	3864377.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
5110	478863.09	3864377.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
5111	479363.09	3864377.25	9.67E-05	9.43E-05	9.31E-05	3.35E-08	1.01E-07	5.85E-08	5.71E-08	5.17E-08	2.36E-08	2.33E-08	1.12E-09	2.70E-08	5.96E-09	7.75E-09	1.23E-08	2.17E-09	1.22E-08	6.85E-08
5112	479863.09	3864377.25	9.87E-05	9.64E-05	9.51E-05	3.42E-08	1.03E-07	5.97E-08	5.83E-08	5.28E-08	2.41E-08	2.38E-08	1.14E-09	2.76E-08	6.08E-09	7.92E-09	1.26E-08	2.21E-09	1.25E-08	7.00E-08
5113	480363.09	3864377.25	1.00E-04	9.80E-05	9.67E-05	3.48E-08	1.05E-07	6.07E-08	5.93E-08	5.37E-08	2.45E-08	2.42E-08	1.16E-09	2.80E-08	6.19E-09	8.05E-09	1.28E-08	2.25E-09	1.27E-08	7.11E-08
5114	480863.09	3864377.25	1.02E-04	1.00E-04	9.87E-05	3.55E-08	1.07E-07	6.20E-08	6.05E-08	5.48E-08	2.50E-08	2.47E-08	1.18E-09	2.86E-08	6.31E-09	8.21E-09	1.30E-08	2.30E-09	1.30E-08	7.26E-08
5115	481363.09	3864377.25	1.05E-04	1.03E-04	1.01E-04	3.65E-08	1.10E-07	6.38E-08	6.22E-08	5.64E-08	2.57E-08	2.54E-08	1.22E-09	2.94E-08	6.49E-09	8.45E-09	1.34E-08	2.36E-09	1.33E-08	7.47E-08
5116	481863.09	3864377.25	1.08E-04	1.06E-04	1.04E-04	3.75E-08	1.13E-07	6.55E-08	6.39E-08	5.80E-08	2.64E-08	2.61E-08	1.25E-09	3.02E-08	6.67E-09	8.68E-09	1.38E-08	2.43E-09	1.37E-08	7.67E-08
5117	482363.09	3864377.25	1.10E-04	1.08E-04	1.06E-04	3.82E-08	1.15E-07	6.68E-08	6.52E-08	5.91E-08	2.70E-08	2.66E-08	1.28E-09	3.08E-08	6.80E-09	8.85E-09	1.40E-08	2.47E-09	1.40E-08	7.82E-08
5118	482863.09	3864377.25	1.12E-04	1.10E-04	1.08E-04	3.89E-08	1.18E-07	6.80E-08	6.64E-08	6.02E-08	2.75E-08	2.71E-08	1.30E-09	3.14E-08	6.93E-09	9.01E-09	1.43E-08	2.52E-09	1.42E-08	7.97E-08
5119	483363.09	3864377.25	1.15E-04	1.12E-04	1.11E-04	3.98E-08	1.20E-07	6.95E-08	6.79E-08	6.15E-08	2.81E-08	2.77E-08	1.33E-09	3.21E-08	7.08E-09	9.21E-09	1.46E-08	2.58E-09	1.45E-08	8.14E-08
5120	483863.09	3864377.25	1.17E-04	1.15E-04	1.13E-04	4.06E-08	1.23E-07	7.10E-08	6.93E-08	6.28E-08	2.87E-08	2.83E-08	1.36E-09	3.28E-08	7.23E-09	9.41E-09	1.49E-08	2.63E-09	1.48E-08	8.32E-08
5121	484363.09	3864377.25	1.20E-04	1.17E-04	1.15E-04	4.15E-08	1.25E-07	7.25E-08	7.08E-08	6.42E-08	2.93E-08	2.89E-08	1.39E-09	3.35E-08	7.39E-09	9.61E-09	1.52E-08	2.69E-09	1.52E-08	8.50E-08
5122	484863.09	3864377.25	1.23E-04	1.20E-04	1.19E-04	4.27E-08	1.29E-07	7.46E-08	7.28E-08	6.60E-08	3.01E-08	2.97E-08	1.42E-09	3.44E-08	7.59E-09	9.88E-09	1.57E-08	2.76E-09	1.56E-08	8.73E-08
5123	485363.09	3864377.25	1.27E-04	1.23E-04	1.22E-04	4.38E-08	1.32E-07	7.66E-08	7.47E-08	6.77E-08	3.09E-08	3.05E-08	1.46E-09	3.53E-08	7.80E-09	1.01E-08	1.61E-08	2.84E-09	1.60E-08	8.97E-08
5124	485863.09	3864377.25	1.30E-04	1.27E-04	1.25E-04	4.50E-08	1.36E-07	7.86E-08	7.67E-08	6.95E-08	3.17E-08	3.13E-08	1.50E-09	3.63E-08	8.00E-09	1.04E-08	1.65E-08	2.91E-09	1.64E-08	9.20E-08
5125	486363.09	3864377.25	1.33E-04	1.30E-04	1.28E-04	4.60E-08	1.39E-07	8.03E-08	7.84E-08	7.11E-08	3.24E-08	3.20E-08	1.53E-09	3.71E-08	8.18E-09	1.06E-08	1.69E-08	2.98E-09	1.68E-08	9.41E-08
5126	486863.09	3864377.25	1.36E-04	1.33E-04	1.31E-04	4.71E-08	1.42E-07	8.23E-08	8.03E-08	7.28E-08	3.32E-08	3.28E-08	1.57E-09	3.80E-08	8.38E-09	1.09E-08	1.73E-08	3.05E-09	1.72E-08	9.64E-08
5127	487363.09	3864377.25	1.40E-04	1.36E-04	1.35E-04	4.84E-08	1.46E-07	8.46E-08	8.26E-08	7.48E-08	3.41E-08	3.37E-08	1.62E-09	3.90E-08	8.61E-09	1.12E-08	1.78E-08	3.13E-09	1.77E-08	9.91E-08
5128	487863.09	3864377.25	1.44E-04	1.40E-04	1.39E-04	4.98E-08	1.50E-07	8.71E-08	8.50E-08	7.71E-08	3.52E-08	3.47E-08	1.66E-09	4.02E-08	8.87E-09	1.15E-08	1.83E-08	3.23E-09	1.82E-08	1.02E-07
5129	488363.09	3864377.25	1.48E-04	1.45E-04	1.43E-04	5.13E-08	1.55E-07	8.96E-08	8.75E-08	7.93E-08	3.62E-08	3.57E-08	1.71E-09	4.14E-08	9.13E-09	1.19E-08	1.88E-08	3.32E-09	1.87E-08	1.05E-07
5130	488863.09	3864377.25	1.52E-04	1.49E-04	1.47E-04	5.27E-08	1.59E-07	9.21E-08	8.99E-08	8.15E-08	3.72E-08	3.67E-08	1.76E-09	4.25E-08	9.38E-09	1.22E-08	1.94E-08	3.41E-09	1.93E-08	1.08E-07
5131	489363.09	3864377.25	1.56E-04	1.52E-04	1.50E-04	5.40E-08	1.63E-07	9.44E-08	9.21E-08	8.35E-08	3.81E-08	3.76E-08	1.80E-09	4.36E-08	9.61E-09	1.25E-08	1.98E-08	3.50E-09	1.97E-08	1.11E-07
5132	489863.09	3864377.25	1.60E-04	1.56E-04	1.54E-04	5.54E-08	1.67E-07	9.69E-08	9.46E-08	8.57E-08	3.91E-08	3.86E-08	1.85E-09	4.47E-08	9.87E-09	1.28E-08	2.04E-08	3.59E-09	2.03E-08	1.13E-07
5133	490363.09	3864377.25	1.65E-04	1.61E-04	1.59E-04	5.70E-08	1.72E-07	9.97E-08	9.72E-08	8.82E-08	4.02E-08	3.97E-08	1.90E-09	4.60E-08	1.01E-08	1.32E-08	2.09E-08	3.69E-09	2.08E-08	1.17E-07
5134	490863.09	3864377.25	1.69E-04	1.65E-04	1.63E-04	5.85E-08	1.76E-07	1.02E-07	9.97E-08	9.04E-08	4.12E-08	4.07E-08	1.95E-09	4.71E-08	1.04E-08	1.35E-08	2.15E-08	3.78E-09	2.14E-08	1.20E-07
5135	491363.09	3864377.25	1.61E-04	1.57E-04	1.55E-04	5.59E-08	1.69E-07	9.77E-08	9.53E-08	8.64E-08	3.94E-08	3.89E-08	1.87E-09	4.51E-08	9.94E-09	1.29E-08	2.05E-08	3.62E-09	2.04E-08	1.14E-07
5136	491863.09	3864377.25	9.75E-05	9.51E-05	9.39E-05	3.37E-08	1.02E-07	5.90E-08	5.76E-08	5.22E-08	2.38E-08	2.35E-08	1.13E-09	2.72E-08	6.01E-09	7.82E-09	1.24E-08	2.19E-09	1.23E-08	6.91E-08
5137	492363.09	3864377.25	1.22E-04	1.19E-04	1.18E-04	4.24E-08	1.28E-07	7.41E-08	7.23E-08	6.55E-08	2.99E-08	2.95E-08	1.41E-09	3.42E-08	7.54E-09	9.81E-09	1.56E-08	2.74E-09	1.55E-08	8.67E-08
5138	492863.09	3864377.25	1.01E-04	9.88E-05	9.75E-05	3.50E-08	1.06E-07	6.13E-08	5.98E-08	5.42E-08	2.47E-08	2.44E-08	1.17E-09	2.83E-08	6.24E-09	8.12E-09	1.29E-08	2.27E-09	1.28E-08	7.17E-08
5139	493363.09	3864377.25	1.15E-04	1.12E-04	1.11E-04	3.98E-08	1.20E-07	6.95E-08	6.79E-08	6.15E-08	2.81E-08	2.77E-08	1.33E-09	3.21E-08	7.08E-09	9.21E-09	1.46E-08	2.58E-09	1.45E-08	8.14E-08
5140	493863.09	3864377.25	1.32E-04	1.28E-04	1.27E-04	4.55E-08	1.37E-07	7.96E-08	7.77E-08	7.04E-08	3.21E-08	3.17E-08	1.52E-09	3.67E-08	8.10E-09	1.05E-08	1.67E-08	2.95E-09	1.66E-08	9.32E-08
5141	494363.09	3864377.25	1.45E-04	1.42E-04	1.40E-04	5.03E-08	1.52E-07	8.79E-08	8.57E-08	7.77E-08	3.55E-08	3.50E-08	1.68E-09	4.05E-08	8.95E-09	1.16E-08	1.85E-08	3.25E-09	1.84E-08	1.03E-07
5142	494863.09	3864377.25	1.58E-04	1.54E-04	1.52E-04	5.46E-08	1.65E-07	9.54E-08	9.31E-08	8.44E-08	3.85E-08	3.80E-08	1.82E-09	4.40E-08	9.71E-09	1.26E-08	2.00E-08	3.53E-09	1.99E-08	1.12E-07
5143	495363.09	3864377.25	1.59E-04	1.55E-04	1.53E-04	5.50E-08	1.66E-07	9.61E-08	9.38E-08	8.50E-08	3.88E-08	3.83E-08	1.84E-09	4.44E-08	9.79E-09	1.27E-08	2.02E-08	3.56E-09	2.01E-08	1.13E-07
5144	495863.09	3864377.25	1.59E-04	1.55E-04	1.53E-04	5.51E-08	1.67E-07	9.64E-08	9.41E-08	8.53E-08	3.89E-08	3.84E-08	1.84E-09	4.45E-08	9.82E-09	1.28E-08	2.03E-08	3.57E-09	2.01E-08	1.13E-07
5145	496363.09	3864377.25	1.67E-04	1.63E-04	1.61E-04	5.79E-08	1.75E-07	1.01E-07	9.87E-08	8.95E-08	4.08E-08	4.03E-08	1.93E-09	4.67E-08	1.03E-08	1.34E-08	2.13E-08	3.75E-09	2.11E-08	1.18E-07
5146	496863.09	3864377.25	1.72E-04	1.68E-04	1.65E-04	5.95E-08	1.80E-07	1.04E-07	1.01E-07	9.19E-08	4.19E-08	4.14E-08	1.99E-09	4.80E-08	1.06E-08	1.38E-08	2.18E-08	3.85E-09	2.17E-08	1.22E-07
5147	497363.09	3864377.25	1.87E-04	1.83E-04	1.80E-04	6.48E-08	1.96E-07	1.13E-07	1.10E-07	1.00E-07	4.57E-08	4.51E-08	2.16E-09	5.22E-08	1.15E-08	1.50E-08	2.38E-08	4.19E-09	2.37E-08	1.33E-07
5148	497863.09	3864377.25	1.90E-04	1.85E-04	1.83E-04	6.58E-08	1.99E-07	1.15E-07	1.12E-07	1.02E-07	4.64E-08	4.58E-08	2.20E-09	5.31E-08	1.17E-08	1.52E-08	2.42E-08	4.26E-09	2.40E-08	1.35E-07
5149	498363.09	3864377.25	2.01E-04	1.96E-04	1.94E-04	6.97E-08	2.10E-07	1.22E-07	1.19E-07	1.08E-07	4.91E-08	4.85E-08	2.33E-09	5.62E-08	1.24E-08	1.61E-08	2.56E-08	4.51E-09	2.54E-08	1.43E-07
5150	471363.09	3864877.25	7.18E-05	7.00E-05	6.91E-05	2.48E-08	7.50E-08	4.34E-08	4.24E-08	3.84E-08	1.75E-08	1.73E-08	8.30E-10	2.00E-08	4.42E-09	5.75E-09	9.13E-09	1.61E-09	9.08E-09	5.09E-08
5151	471863.09	3864877.25	7.30E-05	7.13E-05	7.03E-05	2.53E-08	7.63E-08	4.42E-08	4.31E-08	3.91E-08	1.78E-08	1.76E-08	8.44E-10	2.04E-08	4.50E-09	5.85E-09	9.29E-09	1.64E-09	9.23E-09	5.17E-08
5152	472363.09	3864877.25	7.38E-05	7.21E-05	7.11E-05	2.56E-08	7.72E-08	4.47E-08	4.36E-08	3.95E-08	1.80E-08	1.78E-08	8.54E-10	2.06E-08	4.55E-09	5.92E-09	9.39E-09	1.66E-09	9.34E-09	5.23E-08
5153	472863.09	3864877.25	7.55E-05	7.37E-05	7.27E-05	2.61E-08	7.89E-08	4.57E-08	4.46E-08	4.04E-08	1.84E-08	1.82E-08	8.73E-10	2.11E-08	4.65E-09	6.05E-09	9.60E-09	1.69E-09	9.55E-09	5.35E-08
5154	473363.09	3864877.25	7.63E-05	7.45E-05	7.35E-05	2.64E-08	7.98E-08	4.62E-08	4.51E-08	4.09E-08	1.86E-08	1.84E-08	8.82E-10	2.13E-08	4.70E-09	6.12E-09	9.71E-09	1.71E-09	9.65E-09	5.41E-08
5155	473863.09	3864877.25	7.76E-05	7.57E-05	7.47E-05	2.69E-08	8.11E-08	4.69E-08	4.58E-08	4.15E-08	1.89E-08	1.87E-08	8.97E-10	2.17E-08	4.78E-09	6.22E-09	9.87E-09	1.74E-09	9.81E-09	5.50E-08
5156	474363.09	3864877.25	7.84E-05	7.65E-05	7.55E-05	2.71E-08	8.20E-08	4.74E-08	4.63E-08	4.20E-08	1.91E-08	1.89E-08	9.06E-10	2.19E-08	4.83E-09	6.29E-09	9.97E-09	1.76E-09	9.92E-09	5.56E-08
5157	474863.09	3864877.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
5158	475363.09	3864877.25	8.09E-05	7.89E-05	7.79E-05	2.80E-08	8.46E-08	4.90E-08	4.78E-08	4.33E-08	1.98E-08	1.95E-08	9.35E-10	2.26E-08	4.98E-09	6.49E-09	1.03E-08	1.81E-09	1.02E-08	5.73E-08
5159	475863.09	3864877.25	8.26E-05	8.06E-05	7.95E-05	2.86E-08	8.63E-08	5.00E-08	4.87E-08	4.42E-08	2.02E-08	1.99E-08	9.54E-10	2.31E-08	5.09E-09	6.62E-09	1.05E-08	1.85E-09	1.04E-08	5.85E-08
5160	476363.09	3864877.25	8.38E-05	8.18E-05	8.07E-05	2.90E-08	8.76E-08	5.07E-08	4.95E-08	4.49E-08	2.05E-08	2.02E-08	9.69E-10	2.34E-08	5.16E-09	6.72E-09	1.07E-08	1.88E-09	1.06E-08	5.94E-08
5161	476863.09	3864877.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08
5162	477363.09	3864877.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
5163	477863.09	3864877.25	8.80E-05	8.58E-05	8.47E-05	3.04E-08	9.19E-08	5.32E-08	5.19E-08	4.71E-08	2.15E-08	2.12E-08	1.02E-09	2.46E-08	5.42E-09	7.05E-09	1.12E-08	1.97E-09	1.11E-08	6.23E-08

5164	478363.09	3864877.25	8.92E-05	8.70E-05	8.59E-05	3.09E-08	9.32E-08	5.40E-08	5.27E-08	4.77E-08	2.18E-08	2.15E-08	1.03E-09	2.49E-08	5.50E-09	7.15E-09	1.13E-08	2.00E-09	1.13E-08	6.32E-08
5165	478863.09	3864877.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
5166	479363.09	3864877.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
5167	479863.09	3864877.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
5168	480363.09	3864877.25	9.58E-05	9.35E-05	9.23E-05	3.32E-08	1.00E-07	5.80E-08	5.66E-08	5.13E-08	2.34E-08	2.31E-08	1.11E-09	2.68E-08	5.90E-09	7.68E-09	1.22E-08	2.15E-09	1.21E-08	6.79E-08
5169	480863.09	3864877.25	9.75E-05	9.51E-05	9.39E-05	3.37E-08	1.02E-07	5.90E-08	5.76E-08	5.22E-08	2.38E-08	2.35E-08	1.13E-09	2.72E-08	6.01E-09	7.82E-09	1.24E-08	2.19E-09	1.23E-08	6.91E-08
5170	481363.09	3864877.25	1.00E-04	9.80E-05	9.67E-05	3.48E-08	1.05E-07	6.07E-08	5.93E-08	5.37E-08	2.45E-08	2.42E-08	1.16E-09	2.80E-08	6.19E-09	8.05E-09	1.28E-08	2.25E-09	1.27E-08	7.11E-08
5171	481863.09	3864877.25	1.03E-04	1.00E-04	9.91E-05	3.56E-08	1.08E-07	6.23E-08	6.07E-08	5.51E-08	2.51E-08	2.48E-08	1.19E-09	2.87E-08	6.34E-09	8.25E-09	1.31E-08	2.31E-09	1.30E-08	7.29E-08
5172	482363.09	3864877.25	1.05E-04	1.02E-04	1.01E-04	3.62E-08	1.09E-07	6.33E-08	6.17E-08	5.60E-08	2.55E-08	2.52E-08	1.21E-09	2.92E-08	6.44E-09	8.38E-09	1.33E-08	2.34E-09	1.32E-08	7.41E-08
5173	482863.09	3864877.25	1.07E-04	1.04E-04	1.03E-04	3.69E-08	1.11E-07	6.45E-08	6.30E-08	5.71E-08	2.60E-08	2.57E-08	1.23E-09	2.98E-08	6.57E-09	8.55E-09	1.36E-08	2.39E-09	1.35E-08	7.56E-08
5174	483363.09	3864877.25	1.09E-04	1.06E-04	1.05E-04	3.76E-08	1.14E-07	6.58E-08	6.42E-08	5.82E-08	2.65E-08	2.62E-08	1.26E-09	3.04E-08	6.70E-09	8.71E-09	1.38E-08	2.44E-09	1.37E-08	7.70E-08
5175	483863.09	3864877.25	1.11E-04	1.08E-04	1.07E-04	3.83E-08	1.16E-07	6.70E-08	6.54E-08	5.93E-08	2.71E-08	2.67E-08	1.28E-09	3.09E-08	6.83E-09	8.88E-09	1.41E-08	2.48E-09	1.40E-08	7.85E-08
5176	484363.09	3864877.25	1.13E-04	1.10E-04	1.09E-04	3.91E-08	1.18E-07	6.83E-08	6.66E-08	6.04E-08	2.76E-08	2.72E-08	1.30E-09	3.15E-08	6.95E-09	9.05E-09	1.44E-08	2.53E-09	1.43E-08	8.00E-08
5177	484863.09	3864877.25	1.15E-04	1.13E-04	1.11E-04	3.99E-08	1.21E-07	6.98E-08	6.81E-08	6.17E-08	2.82E-08	2.78E-08	1.33E-09	3.22E-08	7.11E-09	9.25E-09	1.47E-08	2.58E-09	1.46E-08	8.17E-08
5178	485363.09	3864877.25	1.18E-04	1.15E-04	1.14E-04	4.09E-08	1.24E-07	7.15E-08	6.98E-08	6.33E-08	2.89E-08	2.85E-08	1.37E-09	3.30E-08	7.29E-09	9.48E-09	1.50E-08	2.65E-09	1.50E-08	8.38E-08
5179	485863.09	3864877.25	1.20E-04	1.17E-04	1.16E-04	4.16E-08	1.26E-07	7.28E-08	7.10E-08	6.44E-08	2.94E-08	2.90E-08	1.39E-09	3.36E-08	7.41E-09	9.64E-09	1.53E-08	2.70E-09	1.52E-08	8.53E-08
5180	486363.09	3864877.25	1.22E-04	1.19E-04	1.17E-04	4.22E-08	1.27E-07	7.38E-08	7.20E-08	6.53E-08	2.98E-08	2.94E-08	1.41E-09	3.41E-08	7.52E-09	9.78E-09	1.55E-08	2.73E-09	1.54E-08	8.64E-08
5181	486863.09	3864877.25	1.24E-04	1.21E-04	1.19E-04	4.29E-08	1.30E-07	7.51E-08	7.32E-08	6.64E-08	3.03E-08	2.99E-08	1.43E-09	3.46E-08	7.64E-09	9.94E-09	1.58E-08	2.78E-09	1.57E-08	8.79E-08
5182	487363.09	3864877.25	1.27E-04	1.23E-04	1.22E-04	4.38E-08	1.32E-07	7.66E-08	7.47E-08	6.77E-08	3.09E-08	3.05E-08	1.46E-09	3.53E-08	7.80E-09	1.01E-08	1.61E-08	2.84E-09	1.60E-08	8.97E-08
5183	487863.09	3864877.25	1.29E-04	1.26E-04	1.25E-04	4.48E-08	1.35E-07	7.83E-08	7.64E-08	6.93E-08	3.16E-08	3.12E-08	1.50E-09	3.61E-08	7.98E-09	1.04E-08	1.65E-08	2.90E-09	1.64E-08	9.17E-08
5184	488363.09	3864877.25	1.33E-04	1.30E-04	1.28E-04	4.61E-08	1.39E-07	8.06E-08	7.86E-08	7.13E-08	3.25E-08	3.21E-08	1.54E-09	3.72E-08	8.21E-09	1.07E-08	1.69E-08	2.98E-09	1.68E-08	9.44E-08
5185	488863.09	3864877.25	1.36E-04	1.33E-04	1.31E-04	4.71E-08	1.42E-07	8.23E-08	8.03E-08	7.28E-08	3.32E-08	3.28E-08	1.57E-09	3.80E-08	8.38E-09	1.09E-08	1.73E-08	3.05E-09	1.72E-08	9.64E-08
5186	489363.09	3864877.25	1.39E-04	1.35E-04	1.33E-04	4.80E-08	1.45E-07	8.38E-08	8.18E-08	7.42E-08	3.38E-08	3.34E-08	1.60E-09	3.87E-08	8.54E-09	1.11E-08	1.76E-08	3.11E-09	1.75E-08	9.82E-08
5187	489863.09	3864877.25	1.41E-04	1.38E-04	1.36E-04	4.88E-08	1.47E-07	8.54E-08	8.33E-08	7.55E-08	3.44E-08	3.40E-08	1.63E-09	3.94E-08	8.69E-09	1.13E-08	1.79E-08	3.16E-09	1.78E-08	1.00E-07
5188	490363.09	3864877.25	1.44E-04	1.41E-04	1.39E-04	5.00E-08	1.51E-07	8.74E-08	8.52E-08	7.73E-08	3.53E-08	3.48E-08	1.67E-09	4.03E-08	8.90E-09	1.16E-08	1.84E-08	3.24E-09	1.83E-08	1.02E-07
5189	490863.09	3864877.25	1.25E-04	1.22E-04	1.20E-04	4.32E-08	1.31E-07	7.56E-08	7.37E-08	6.68E-08	3.05E-08	3.01E-08	1.44E-09	3.49E-08	7.69E-09	1.00E-08	1.59E-08	2.80E-09	1.58E-08	8.85E-08
5190	491363.09	3864877.25	1.42E-04	1.39E-04	1.37E-04	4.93E-08	1.49E-07	8.61E-08	8.40E-08	7.62E-08	3.48E-08	3.43E-08	1.64E-09	3.97E-08	8.77E-09	1.14E-08	1.81E-08	3.19E-09	1.80E-08	1.01E-07
5191	491863.09	3864877.25	1.23E-04	1.20E-04	1.19E-04	4.27E-08	1.29E-07	7.46E-08	7.28E-08	6.60E-08	3.01E-08	2.97E-08	1.42E-09	3.44E-08	7.59E-09	9.88E-09	1.57E-08	2.76E-09	1.56E-08	8.73E-08
5192	492363.09	3864877.25	7.76E-05	7.57E-05	7.47E-05	2.69E-08	8.11E-08	4.69E-08	4.58E-08	4.15E-08	1.89E-08	1.87E-08	8.97E-10	2.17E-08	4.78E-09	6.22E-09	9.87E-09	1.74E-09	9.81E-09	5.50E-08
5193	492863.09	3864877.25	8.38E-05	8.18E-05	8.07E-05	2.90E-08	8.76E-08	5.07E-08	4.95E-08	4.49E-08	2.05E-08	2.02E-08	9.69E-10	2.34E-08	5.16E-09	6.72E-09	1.07E-08	1.88E-09	1.06E-08	5.94E-08
5194	493363.09	3864877.25	8.13E-05	7.93E-05	7.83E-05	2.81E-08	8.50E-08	4.92E-08	4.80E-08	4.35E-08	1.99E-08	1.96E-08	9.40E-10	2.27E-08	5.01E-09	6.52E-09	1.03E-08	1.82E-09	1.03E-08	5.76E-08
5195	493863.09	3864877.25	1.05E-04	1.02E-04	1.01E-04	3.63E-08	1.10E-07	6.35E-08	6.20E-08	5.62E-08	2.56E-08	2.53E-08	1.21E-09	2.93E-08	6.47E-09	8.41E-09	1.33E-08	2.35E-09	1.33E-08	7.44E-08
5196	494363.09	3864877.25	1.19E-04	1.16E-04	1.15E-04	4.12E-08	1.24E-07	7.20E-08	7.03E-08	6.37E-08	2.91E-08	2.87E-08	1.38E-09	3.32E-08	7.34E-09	9.55E-09	1.51E-08	2.67E-09	1.51E-08	8.44E-08
5197	494863.09	3864877.25	1.24E-04	1.21E-04	1.20E-04	4.31E-08	1.30E-07	7.53E-08	7.35E-08	6.66E-08	3.04E-08	3.00E-08	1.44E-09	3.48E-08	7.67E-09	9.98E-09	1.58E-08	2.79E-09	1.57E-08	8.82E-08
5198	495363.09	3864877.25	1.30E-04	1.27E-04	1.25E-04	4.50E-08	1.36E-07	7.86E-08	7.67E-08	6.95E-08	3.17E-08	3.13E-08	1.50E-09	3.63E-08	8.00E-09	1.04E-08	1.65E-08	2.91E-09	1.64E-08	9.20E-08
5199	495863.09	3864877.25	1.39E-04	1.36E-04	1.34E-04	4.81E-08	1.45E-07	8.41E-08	8.21E-08	7.44E-08	3.39E-08	3.35E-08	1.61E-09	3.88E-08	8.56E-09	1.11E-08	1.77E-08	3.11E-09	1.76E-08	9.85E-08
5200	496363.09	3864877.25	1.32E-04	1.29E-04	1.27E-04	4.57E-08	1.38E-07	7.98E-08	7.79E-08	7.06E-08	3.22E-08	3.18E-08	1.53E-09	3.68E-08	8.13E-09	1.06E-08	1.68E-08	2.96E-09	1.67E-08	9.35E-08
5201	496863.09	3864877.25	1.34E-04	1.30E-04	1.29E-04	4.62E-08	1.40E-07	8.08E-08	7.89E-08	7.15E-08	3.26E-08	3.22E-08	1.54E-09	3.73E-08	8.23E-09	1.07E-08	1.70E-08	2.99E-09	1.69E-08	9.47E-08
5202	497363.09	3864877.25	1.38E-04	1.34E-04	1.33E-04	4.77E-08	1.44E-07	8.33E-08	8.13E-08	7.37E-08	3.36E-08	3.32E-08	1.59E-09	3.85E-08	8.49E-09	1.10E-08	1.75E-08	3.09E-09	1.74E-08	9.76E-08
5203	497863.09	3864877.25	1.43E-04	1.40E-04	1.38E-04	4.95E-08	1.50E-07	8.66E-08	8.45E-08	7.66E-08	3.50E-08	3.45E-08	1.65E-09	4.00E-08	8.82E-09	1.15E-08	1.82E-08	3.21E-09	1.81E-08	1.01E-07
5204	498363.09	3864877.25	1.55E-04	1.51E-04	1.49E-04	5.37E-08	1.62E-07	9.39E-08	9.16E-08	8.30E-08	3.79E-08	3.74E-08	1.79E-09	4.33E-08	9.56E-09	1.24E-08	1.97E-08	3.48E-09	1.96E-08	1.10E-07
5205	471363.09	3865377.25	6.97E-05	6.80E-05	6.71E-05	2.41E-08	7.29E-08	4.22E-08	4.12E-08	3.73E-08	1.70E-08	1.68E-08	8.06E-10	1.95E-08	4.29E-09	5.59E-09	8.86E-09	1.56E-09	8.81E-09	4.94E-08
5206	471863.09	3865377.25	7.05E-05	6.88E-05	6.79E-05	2.44E-08	7.37E-08	4.27E-08	4.16E-08	3.77E-08	1.72E-08	1.70E-08	8.15E-10	1.97E-08	4.35E-09	5.65E-09	8.97E-09	1.58E-09	8.92E-09	5.00E-08
5207	472363.09	3865377.25	7.14E-05	6.96E-05	6.87E-05	2.47E-08	7.46E-08	4.32E-08	4.21E-08	3.82E-08	1.74E-08	1.72E-08	8.25E-10	1.99E-08	4.40E-09	5.72E-09	9.07E-09	1.60E-09	9.02E-09	5.06E-08
5208	472863.09	3865377.25	7.30E-05	7.13E-05	7.03E-05	2.53E-08	7.63E-08	4.42E-08	4.31E-08	3.91E-08	1.78E-08	1.76E-08	8.44E-10	2.04E-08	4.50E-09	5.85E-09	9.29E-09	1.64E-09	9.23E-09	5.17E-08
5209	473363.09	3865377.25	7.38E-05	7.21E-05	7.11E-05	2.56E-08	7.72E-08	4.47E-08	4.36E-08	3.95E-08	1.80E-08	1.78E-08	8.54E-10	2.06E-08	4.55E-09	5.92E-09	9.39E-09	1.66E-09	9.34E-09	5.23E-08
5210	473863.09	3865377.25	7.47E-05	7.29E-05	7.19E-05	2.59E-08	7.81E-08	4.52E-08	4.41E-08	4.00E-08	1.82E-08	1.80E-08	8.63E-10	2.09E-08	4.60E-09	5.99E-09	9.50E-09	1.67E-09	9.44E-09	5.29E-08
5211	474363.09	3865377.25	7.59E-05	7.41E-05	7.31E-05	2.63E-08	7.94E-08	4.59E-08	4.48E-08	4.06E-08	1.85E-08	1.83E-08	8.78E-10	2.12E-08	4.68E-09	6.09E-09	9.66E-09	1.70E-09	9.60E-09	5.38E-08
5212	474863.09	3865377.25	7.68E-05	7.49E-05	7.39E-05	2.66E-08	8.02E-08	4.64E-08	4.53E-08	4.11E-08	1.87E-08	1.85E-08	8.87E-10	2.14E-08	4.73E-09	6.15E-09	9.76E-09	1.72E-09	9.71E-09	5.44E-08
5213	475363.09	3865377.25	7.84E-05	7.65E-05	7.55E-05	2.71E-08	8.20E-08	4.74E-08	4.63E-08	4.20E-08	1.91E-08	1.89E-08	9.06E-10	2.19E-08	4.83E-09	6.29E-09	9.97E-09	1.76E-09	9.92E-09	5.56E-08
5214	475863.09	3865377.25	7.92E-05	7.73E-05	7.63E-05	2.74E-08	8.28E-08	4.79E-08	4.68E-08	4.24E-08	1.94E-08	1.91E-08	9.16E-10	2.21E-08	4.88E-09	6.35E-09	1.01E-08	1.78E-09	1.00E-08	5.62E-08
5215	476363.09	3865377.25	8.09E-05	7.89E-05	7.79E-05	2.80E-08	8.46E-08	4.90E-08	4.78E-08	4.33E-08	1.98E-08	1.95E-08	9.35E-10	2.26E-08	4.98E-09	6.49E-09	1.03E-08	1.81E-09	1.02E-08	5.73E-08
5216	476863.09	3865377.25	7.92E-05	7.73E-05	7.63E-05	2.74E-08	8.28E-08	4.79E-08	4.68E-08	4.24E-08	1.94E-08	1.91E-08	9.16E-10	2.21E-08	4.88E-09	6.35E-09	1.01E-08	1.78E-09	1.00E-08	5.62E-08
5217	477363.09	3865377.25	8.34E-05	8.14E-05	8.03E-05	2.89E-08	8.72E-08	5.05E-08	4.92E-08	4.46E-08	2.04E-08	2.01E-08	9.64E-10	2.33E-08	5.14E-09	6.68E-09	1.06E-08	1.87E-09	1.05E-08	5.91E-08
5218	477863.09	3865377.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08

5219	478363.09	3865377.25	8.59E-05	8.38E-05	8.27E-05	2.97E-08	8.98E-08	5.20E-08	5.07E-08	4.60E-08	2.10E-08	2.07E-08	9.93E-10	2.40E-08	5.29E-09	6.88E-09	1.09E-08	1.92E-09	1.09E-08	6.09E-08
5220	478863.09	3865377.25	8.75E-05	8.54E-05	8.43E-05	3.03E-08	9.15E-08	5.30E-08	5.17E-08	4.69E-08	2.14E-08	2.11E-08	1.01E-09	2.44E-08	5.39E-09	7.02E-09	1.11E-08	1.96E-09	1.11E-08	6.20E-08
5221	479363.09	3865377.25	8.88E-05	8.66E-05	8.55E-05	3.07E-08	9.28E-08	5.37E-08	5.24E-08	4.75E-08	2.17E-08	2.14E-08	1.03E-09	2.48E-08	5.47E-09	7.12E-09	1.13E-08	1.99E-09	1.12E-08	6.29E-08
5222	479863.09	3865377.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
5223	480363.09	3865377.25	9.17E-05	8.95E-05	8.83E-05	3.17E-08	9.58E-08	5.55E-08	5.41E-08	4.91E-08	2.24E-08	2.21E-08	1.06E-09	2.56E-08	5.65E-09	7.35E-09	1.17E-08	2.05E-09	1.16E-08	6.50E-08
5224	480863.09	3865377.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
5225	481363.09	3865377.25	9.54E-05	9.31E-05	9.19E-05	3.30E-08	9.97E-08	5.77E-08	5.63E-08	5.11E-08	2.33E-08	2.30E-08	1.10E-09	2.66E-08	5.88E-09	7.65E-09	1.21E-08	2.14E-09	1.21E-08	6.76E-08
5226	481863.09	3865377.25	9.71E-05	9.47E-05	9.35E-05	3.36E-08	1.01E-07	5.87E-08	5.73E-08	5.20E-08	2.37E-08	2.34E-08	1.12E-09	2.71E-08	5.98E-09	7.78E-09	1.23E-08	2.18E-09	1.23E-08	6.88E-08
5227	482363.09	3865377.25	9.83E-05	9.59E-05	9.47E-05	3.40E-08	1.03E-07	5.95E-08	5.81E-08	5.26E-08	2.40E-08	2.37E-08	1.14E-09	2.75E-08	6.06E-09	7.88E-09	1.25E-08	2.20E-09	1.24E-08	6.97E-08
5228	482863.09	3865377.25	1.00E-04	9.76E-05	9.63E-05	3.46E-08	1.05E-07	6.05E-08	5.90E-08	5.35E-08	2.44E-08	2.41E-08	1.16E-09	2.79E-08	6.16E-09	8.02E-09	1.27E-08	2.24E-09	1.26E-08	7.09E-08
5229	483363.09	3865377.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
5230	483863.09	3865377.25	1.03E-04	1.01E-04	9.95E-05	3.58E-08	1.08E-07	6.25E-08	6.10E-08	5.53E-08	2.52E-08	2.49E-08	1.19E-09	2.88E-08	6.36E-09	8.28E-09	1.31E-08	2.32E-09	1.31E-08	7.32E-08
5231	484363.09	3865377.25	1.05E-04	1.02E-04	1.01E-04	3.62E-08	1.09E-07	6.33E-08	6.17E-08	5.60E-08	2.55E-08	2.52E-08	1.21E-09	2.92E-08	6.44E-09	8.38E-09	1.33E-08	2.34E-09	1.32E-08	7.41E-08
5232	484863.09	3865377.25	1.07E-04	1.04E-04	1.03E-04	3.71E-08	1.12E-07	6.48E-08	6.32E-08	5.73E-08	2.61E-08	2.58E-08	1.24E-09	2.99E-08	6.59E-09	8.58E-09	1.36E-08	2.40E-09	1.35E-08	7.58E-08
5233	485363.09	3865377.25	1.09E-04	1.06E-04	1.05E-04	3.76E-08	1.14E-07	6.58E-08	6.42E-08	5.82E-08	2.65E-08	2.62E-08	1.26E-09	3.04E-08	6.70E-09	8.71E-09	1.38E-08	2.44E-09	1.37E-08	7.70E-08
5234	485863.09	3865377.25	1.11E-04	1.08E-04	1.07E-04	3.85E-08	1.16E-07	6.73E-08	6.56E-08	5.95E-08	2.72E-08	2.68E-08	1.29E-09	3.10E-08	6.85E-09	8.91E-09	1.41E-08	2.49E-09	1.41E-08	7.88E-08
5235	486363.09	3865377.25	1.12E-04	1.10E-04	1.08E-04	3.89E-08	1.18E-07	6.80E-08	6.64E-08	6.02E-08	2.75E-08	2.71E-08	1.30E-09	3.14E-08	6.93E-09	9.01E-09	1.43E-08	2.52E-09	1.42E-08	7.97E-08
5236	486863.09	3865377.25	1.14E-04	1.11E-04	1.09E-04	3.94E-08	1.19E-07	6.88E-08	6.71E-08	6.08E-08	2.78E-08	2.74E-08	1.31E-09	3.17E-08	7.00E-09	9.11E-09	1.45E-08	2.55E-09	1.44E-08	8.06E-08
5237	487363.09	3865377.25	1.15E-04	1.13E-04	1.11E-04	3.99E-08	1.21E-07	6.98E-08	6.81E-08	6.17E-08	2.82E-08	2.78E-08	1.33E-09	3.22E-08	7.11E-09	9.25E-09	1.47E-08	2.58E-09	1.46E-08	8.17E-08
5238	487863.09	3865377.25	1.17E-04	1.15E-04	1.13E-04	4.06E-08	1.23E-07	7.10E-08	6.93E-08	6.28E-08	2.87E-08	2.83E-08	1.36E-09	3.28E-08	7.23E-09	9.41E-09	1.49E-08	2.63E-09	1.48E-08	8.32E-08
5239	488363.09	3865377.25	1.19E-04	1.17E-04	1.15E-04	4.14E-08	1.25E-07	7.23E-08	7.05E-08	6.40E-08	2.92E-08	2.88E-08	1.38E-09	3.34E-08	7.36E-09	9.58E-09	1.52E-08	2.68E-09	1.51E-08	8.47E-08
5240	488863.09	3865377.25	1.23E-04	1.20E-04	1.18E-04	4.25E-08	1.28E-07	7.43E-08	7.25E-08	6.57E-08	3.00E-08	2.96E-08	1.42E-09	3.43E-08	7.57E-09	9.84E-09	1.56E-08	2.75E-09	1.55E-08	8.70E-08
5241	489363.09	3865377.25	1.26E-04	1.23E-04	1.21E-04	4.37E-08	1.32E-07	7.63E-08	7.45E-08	6.75E-08	3.08E-08	3.04E-08	1.46E-09	3.52E-08	7.77E-09	1.01E-08	1.60E-08	2.83E-09	1.60E-08	8.94E-08
5242	489863.09	3865377.25	1.28E-04	1.25E-04	1.23E-04	4.44E-08	1.34E-07	7.76E-08	7.57E-08	6.86E-08	3.13E-08	3.09E-08	1.48E-09	3.58E-08	7.90E-09	1.03E-08	1.63E-08	2.87E-09	1.62E-08	9.08E-08
5243	490363.09	3865377.25	1.15E-04	1.13E-04	1.11E-04	3.99E-08	1.21E-07	6.98E-08	6.81E-08	6.17E-08	2.82E-08	2.78E-08	1.33E-09	3.22E-08	7.11E-09	9.25E-09	1.47E-08	2.58E-09	1.46E-08	8.17E-08
5244	490863.09	3865377.25	1.11E-04	1.08E-04	1.07E-04	3.85E-08	1.16E-07	6.73E-08	6.56E-08	5.95E-08	2.72E-08	2.68E-08	1.29E-09	3.10E-08	6.85E-09	8.91E-09	1.41E-08	2.49E-09	1.41E-08	7.88E-08
5245	491363.09	3865377.25	1.09E-04	1.06E-04	1.05E-04	3.78E-08	1.14E-07	6.60E-08	6.44E-08	5.84E-08	2.66E-08	2.63E-08	1.26E-09	3.05E-08	6.72E-09	8.75E-09	1.39E-08	2.45E-09	1.38E-08	7.73E-08
5246	491863.09	3865377.25	1.10E-04	1.08E-04	1.06E-04	3.82E-08	1.15E-07	6.68E-08	6.52E-08	5.91E-08	2.70E-08	2.66E-08	1.28E-09	3.08E-08	6.80E-09	8.85E-09	1.40E-08	2.47E-09	1.40E-08	7.82E-08
5247	492363.09	3865377.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
5248	492863.09	3865377.25	8.17E-05	7.98E-05	7.87E-05	2.83E-08	8.54E-08	4.95E-08	4.83E-08	4.37E-08	2.00E-08	1.97E-08	9.45E-10	2.28E-08	5.04E-09	6.55E-09	1.04E-08	1.83E-09	1.03E-08	5.79E-08
5249	493363.09	3865377.25	7.47E-05	7.29E-05	7.19E-05	2.59E-08	7.81E-08	4.52E-08	4.41E-08	4.00E-08	1.82E-08	1.80E-08	8.63E-10	2.09E-08	4.60E-09	5.99E-09	9.50E-09	1.67E-09	9.44E-09	5.29E-08
5250	493863.09	3865377.25	8.34E-05	8.14E-05	8.03E-05	2.89E-08	8.72E-08	5.05E-08	4.92E-08	4.46E-08	2.04E-08	2.01E-08	9.64E-10	2.33E-08	5.14E-09	6.68E-09	1.06E-08	1.87E-09	1.05E-08	5.91E-08
5251	494363.09	3865377.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
5252	494863.09	3865377.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
5253	495363.09	3865377.25	1.06E-04	1.04E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.27E-08	5.68E-08	2.59E-08	2.56E-08	1.23E-09	2.97E-08	6.54E-09	8.51E-09	1.35E-08	2.38E-09	1.34E-08	7.53E-08
5254	495863.09	3865377.25	1.15E-04	1.12E-04	1.11E-04	3.98E-08	1.20E-07	6.95E-08	6.79E-08	6.15E-08	2.81E-08	2.77E-08	1.33E-09	3.21E-08	7.08E-09	9.21E-09	1.46E-08	2.58E-09	1.45E-08	8.14E-08
5255	496363.09	3865377.25	1.08E-04	1.06E-04	1.04E-04	3.75E-08	1.13E-07	6.55E-08	6.39E-08	5.80E-08	2.64E-08	2.61E-08	1.25E-09	3.02E-08	6.67E-09	8.68E-09	1.38E-08	2.43E-09	1.37E-08	7.67E-08
5256	496863.09	3865377.25	1.05E-04	1.03E-04	1.01E-04	3.65E-08	1.10E-07	6.38E-08	6.22E-08	5.64E-08	2.57E-08	2.54E-08	1.22E-09	2.94E-08	6.49E-09	8.45E-09	1.34E-08	2.36E-09	1.33E-08	7.47E-08
5257	497363.09	3865377.25	1.14E-04	1.11E-04	1.10E-04	3.95E-08	1.19E-07	6.90E-08	6.74E-08	6.11E-08	2.79E-08	2.75E-08	1.32E-09	3.19E-08	7.03E-09	9.15E-09	1.45E-08	2.56E-09	1.44E-08	8.08E-08
5258	497863.09	3865377.25	1.16E-04	1.13E-04	1.12E-04	4.02E-08	1.21E-07	7.03E-08	6.86E-08	6.22E-08	2.84E-08	2.80E-08	1.34E-09	3.24E-08	7.16E-09	9.31E-09	1.48E-08	2.60E-09	1.47E-08	8.23E-08
5259	498363.09	3865377.25	1.14E-04	1.11E-04	1.09E-04	3.94E-08	1.19E-07	6.88E-08	6.71E-08	6.08E-08	2.78E-08	2.74E-08	1.31E-09	3.17E-08	7.00E-09	9.11E-09	1.45E-08	2.55E-09	1.44E-08	8.06E-08
5260	471363.09	3865877.25	6.72E-05	6.56E-05	6.47E-05	2.33E-08	7.02E-08	4.07E-08	3.97E-08	3.60E-08	1.64E-08	1.62E-08	7.77E-10	1.88E-08	4.14E-09	5.39E-09	8.55E-09	1.51E-09	8.50E-09	4.76E-08
5261	471863.09	3865877.25	6.89E-05	6.72E-05	6.63E-05	2.38E-08	7.20E-08	4.17E-08	4.07E-08	3.69E-08	1.68E-08	1.66E-08	7.96E-10	1.92E-08	4.24E-09	5.52E-09	8.76E-09	1.54E-09	8.71E-09	4.88E-08
5262	472363.09	3865877.25	6.97E-05	6.80E-05	6.71E-05	2.41E-08	7.29E-08	4.22E-08	4.12E-08	3.73E-08	1.70E-08	1.68E-08	8.06E-10	1.95E-08	4.29E-09	5.59E-09	8.86E-09	1.56E-09	8.81E-09	4.94E-08
5263	472863.09	3865877.25	7.05E-05	6.88E-05	6.79E-05	2.44E-08	7.37E-08	4.27E-08	4.16E-08	3.77E-08	1.72E-08	1.70E-08	8.15E-10	1.97E-08	4.35E-09	5.65E-09	8.97E-09	1.58E-09	8.92E-09	5.00E-08
5264	473363.09	3865877.25	7.14E-05	6.96E-05	6.87E-05	2.47E-08	7.46E-08	4.32E-08	4.21E-08	3.82E-08	1.74E-08	1.72E-08	8.25E-10	1.99E-08	4.40E-09	5.72E-09	9.07E-09	1.60E-09	9.02E-09	5.06E-08
5265	473863.09	3865877.25	7.26E-05	7.08E-05	6.99E-05	2.51E-08	7.59E-08	4.39E-08	4.29E-08	3.89E-08	1.77E-08	1.75E-08	8.39E-10	2.03E-08	4.47E-09	5.82E-09	9.23E-09	1.63E-09	9.18E-09	5.14E-08
5266	474363.09	3865877.25	7.38E-05	7.21E-05	7.11E-05	2.56E-08	7.72E-08	4.47E-08	4.36E-08	3.95E-08	1.80E-08	1.78E-08	8.54E-10	2.06E-08	4.55E-09	5.92E-09	9.39E-09	1.66E-09	9.34E-09	5.23E-08
5267	474863.09	3865877.25	7.51E-05	7.33E-05	7.23E-05	2.60E-08	7.85E-08	4.54E-08	4.43E-08	4.02E-08	1.83E-08	1.81E-08	8.68E-10	2.10E-08	4.63E-09	6.02E-09	9.55E-09	1.68E-09	9.50E-09	5.32E-08
5268	475363.09	3865877.25	7.59E-05	7.41E-05	7.31E-05	2.63E-08	7.94E-08	4.59E-08	4.48E-08	4.06E-08	1.85E-08	1.83E-08	8.78E-10	2.12E-08	4.68E-09	6.09E-09	9.66E-09	1.70E-09	9.60E-09	5.38E-08
5269	475863.09	3865877.25	7.76E-05	7.57E-05	7.47E-05	2.69E-08	8.11E-08	4.69E-08	4.58E-08	4.15E-08	1.89E-08	1.87E-08	8.97E-10	2.17E-08	4.78E-09	6.22E-09	9.87E-09	1.74E-09	9.81E-09	5.50E-08
5270	476363.09	3865877.25	7.80E-05	7.61E-05	7.51E-05	2.70E-08	8.15E-08	4.72E-08	4.61E-08	4.17E-08	1.90E-08	1.88E-08	9.02E-10	2.18E-08	4.81E-09	6.25E-09	9.92E-09	1.75E-09	9.86E-09	5.53E-08
5271	476863.09	3865877.25	7.68E-05	7.49E-05	7.39E-05	2.66E-08	8.02E-08	4.64E-08	4.53E-08	4.11E-08	1.87E-08	1.85E-08	8.87E-10	2.14E-08	4.73E-09	6.15E-09	9.76E-09	1.72E-09	9.71E-09	5.44E-08
5272	477363.09	3865877.25	8.09E-05	7.89E-05	7.79E-05	2.80E-08	8.46E-08	4.90E-08	4.78E-08	4.33E-08	1.98E-08	1.95E-08	9.35E-10	2.26E-08	4.98E-09	6.49E-09	1.03E-08	1.81E-09	1.02E-08	5.73E-08
5273	477863.09	3865877.25	8.21E-05	8.02E-05	7.91E-05	2.84E-08	8.59E-08	4.97E-08	4.85E-08	4.40E-08	2.01E-08	1.98E-08	9.50E-10	2.29E-08	5.06E-09	6.59E-09	1.04E-08	1.84E-09	1.04E-08	5.82E-08

5274	478363.09	3865877.25	8.30E-05	8.10E-05	7.99E-05	2.87E-08	8.67E-08	5.02E-08	4.90E-08	4.44E-08	2.03E-08	2.00E-08	9.59E-10	2.32E-08	5.11E-09	6.65E-09	1.06E-08	1.86E-09	1.05E-08	5.88E-08
5275	478863.09	3865877.25	8.38E-05	8.18E-05	8.07E-05	2.90E-08	8.76E-08	5.07E-08	4.95E-08	4.49E-08	2.05E-08	2.02E-08	9.69E-10	2.34E-08	5.16E-09	6.72E-09	1.07E-08	1.88E-09	1.06E-08	5.94E-08
5276	479363.09	3865877.25	8.46E-05	8.26E-05	8.15E-05	2.93E-08	8.85E-08	5.12E-08	5.00E-08	4.53E-08	2.07E-08	2.04E-08	9.78E-10	2.36E-08	5.21E-09	6.78E-09	1.08E-08	1.90E-09	1.07E-08	6.00E-08
5277	479863.09	3865877.25	8.55E-05	8.34E-05	8.23E-05	2.96E-08	8.93E-08	5.17E-08	5.05E-08	4.57E-08	2.09E-08	2.06E-08	9.88E-10	2.39E-08	5.27E-09	6.85E-09	1.09E-08	1.92E-09	1.08E-08	6.06E-08
5278	480363.09	3865877.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
5279	480863.09	3865877.25	8.80E-05	8.58E-05	8.47E-05	3.04E-08	9.19E-08	5.32E-08	5.19E-08	4.71E-08	2.15E-08	2.12E-08	1.02E-09	2.46E-08	5.42E-09	7.05E-09	1.12E-08	1.97E-09	1.11E-08	6.23E-08
5280	481363.09	3865877.25	9.00E-05	8.79E-05	8.67E-05	3.12E-08	9.41E-08	5.45E-08	5.32E-08	4.82E-08	2.20E-08	2.17E-08	1.04E-09	2.51E-08	5.55E-09	7.22E-09	1.14E-08	2.02E-09	1.14E-08	6.38E-08
5281	481863.09	3865877.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
5282	482363.09	3865877.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08
5283	482863.09	3865877.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
5284	483363.09	3865877.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
5285	483863.09	3865877.25	9.63E-05	9.39E-05	9.27E-05	3.33E-08	1.01E-07	5.82E-08	5.68E-08	5.15E-08	2.35E-08	2.32E-08	1.11E-09	2.69E-08	5.93E-09	7.72E-09	1.22E-08	2.16E-09	1.22E-08	6.82E-08
5286	484363.09	3865877.25	9.79E-05	9.55E-05	9.43E-05	3.39E-08	1.02E-07	5.92E-08	5.78E-08	5.24E-08	2.39E-08	2.36E-08	1.13E-09	2.73E-08	6.03E-09	7.85E-09	1.25E-08	2.19E-09	1.24E-08	6.94E-08
5287	484863.09	3865877.25	9.96E-05	9.72E-05	9.59E-05	3.45E-08	1.04E-07	6.02E-08	5.88E-08	5.33E-08	2.43E-08	2.40E-08	1.15E-09	2.78E-08	6.13E-09	7.98E-09	1.27E-08	2.23E-09	1.26E-08	7.06E-08
5288	485363.09	3865877.25	1.01E-04	9.84E-05	9.71E-05	3.49E-08	1.05E-07	6.10E-08	5.95E-08	5.40E-08	2.46E-08	2.43E-08	1.17E-09	2.81E-08	6.21E-09	8.08E-09	1.28E-08	2.26E-09	1.28E-08	7.14E-08
5289	485863.09	3865877.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
5290	486363.09	3865877.25	1.03E-04	1.00E-04	9.91E-05	3.56E-08	1.08E-07	6.23E-08	6.07E-08	5.51E-08	2.51E-08	2.48E-08	1.19E-09	2.87E-08	6.34E-09	8.25E-09	1.31E-08	2.31E-09	1.30E-08	7.29E-08
5291	486863.09	3865877.25	1.04E-04	1.02E-04	1.00E-04	3.60E-08	1.09E-07	6.30E-08	6.15E-08	5.57E-08	2.54E-08	2.51E-08	1.20E-09	2.91E-08	6.42E-09	8.35E-09	1.32E-08	2.33E-09	1.32E-08	7.38E-08
5292	487363.09	3865877.25	1.06E-04	1.03E-04	1.02E-04	3.66E-08	1.11E-07	6.40E-08	6.25E-08	5.66E-08	2.58E-08	2.55E-08	1.22E-09	2.95E-08	6.52E-09	8.48E-09	1.35E-08	2.37E-09	1.34E-08	7.50E-08
5293	487863.09	3865877.25	1.08E-04	1.06E-04	1.04E-04	3.75E-08	1.13E-07	6.55E-08	6.39E-08	5.80E-08	2.64E-08	2.61E-08	1.25E-09	3.02E-08	6.67E-09	8.68E-09	1.38E-08	2.43E-09	1.37E-08	7.67E-08
5294	488363.09	3865877.25	1.11E-04	1.08E-04	1.07E-04	3.83E-08	1.16E-07	6.70E-08	6.54E-08	5.93E-08	2.71E-08	2.67E-08	1.28E-09	3.09E-08	6.83E-09	8.88E-09	1.41E-08	2.48E-09	1.40E-08	7.85E-08
5295	488863.09	3865877.25	1.13E-04	1.11E-04	1.09E-04	3.92E-08	1.18E-07	6.85E-08	6.69E-08	6.06E-08	2.77E-08	2.73E-08	1.31E-09	3.16E-08	6.98E-09	9.08E-09	1.44E-08	2.54E-09	1.43E-08	8.03E-08
5296	489363.09	3865877.25	1.15E-04	1.13E-04	1.11E-04	3.99E-08	1.21E-07	6.98E-08	6.81E-08	6.17E-08	2.82E-08	2.78E-08	1.33E-09	3.22E-08	7.11E-09	9.25E-09	1.47E-08	2.58E-09	1.46E-08	8.17E-08
5297	489863.09	3865877.25	1.16E-04	1.13E-04	1.12E-04	4.02E-08	1.21E-07	7.03E-08	6.86E-08	6.22E-08	2.84E-08	2.80E-08	1.34E-09	3.24E-08	7.16E-09	9.31E-09	1.48E-08	2.60E-09	1.47E-08	8.23E-08
5298	490363.09	3865877.25	1.12E-04	1.09E-04	1.08E-04	3.88E-08	1.17E-07	6.78E-08	6.61E-08	6.00E-08	2.74E-08	2.70E-08	1.29E-09	3.13E-08	6.90E-09	8.98E-09	1.42E-08	2.51E-09	1.42E-08	7.94E-08
5299	490863.09	3865877.25	1.04E-04	1.02E-04	1.00E-04	3.60E-08	1.09E-07	6.30E-08	6.15E-08	5.57E-08	2.54E-08	2.51E-08	1.20E-09	2.91E-08	6.42E-09	8.35E-09	1.32E-08	2.33E-09	1.32E-08	7.38E-08
5300	491363.09	3865877.25	9.71E-05	9.47E-05	9.35E-05	3.36E-08	1.01E-07	5.87E-08	5.73E-08	5.20E-08	2.37E-08	2.34E-08	1.12E-09	2.71E-08	5.98E-09	7.78E-09	1.23E-08	2.18E-09	1.23E-08	6.88E-08
5301	491863.09	3865877.25	9.75E-05	9.51E-05	9.39E-05	3.37E-08	1.02E-07	5.90E-08	5.76E-08	5.22E-08	2.38E-08	2.35E-08	1.13E-09	2.72E-08	6.01E-09	7.82E-09	1.24E-08	2.19E-09	1.23E-08	6.91E-08
5302	492363.09	3865877.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
5303	492863.09	3865877.25	7.84E-05	7.65E-05	7.55E-05	2.71E-08	8.20E-08	4.74E-08	4.63E-08	4.20E-08	1.91E-08	1.89E-08	9.06E-10	2.19E-08	4.83E-09	6.29E-09	9.97E-09	1.76E-09	9.92E-09	5.56E-08
5304	493363.09	3865877.25	7.55E-05	7.37E-05	7.27E-05	2.61E-08	7.89E-08	4.57E-08	4.46E-08	4.04E-08	1.84E-08	1.82E-08	8.73E-10	2.11E-08	4.65E-09	6.05E-09	9.60E-09	1.69E-09	9.55E-09	5.35E-08
5305	493863.09	3865877.25	7.88E-05	7.69E-05	7.59E-05	2.73E-08	8.24E-08	4.77E-08	4.65E-08	4.22E-08	1.93E-08	1.90E-08	9.11E-10	2.20E-08	4.86E-09	6.32E-09	1.00E-08	1.77E-09	9.97E-09	5.59E-08
5306	494363.09	3865877.25	8.42E-05	8.22E-05	8.11E-05	2.92E-08	8.80E-08	5.10E-08	4.97E-08	4.51E-08	2.06E-08	2.03E-08	9.74E-10	2.35E-08	5.19E-09	6.75E-09	1.07E-08	1.89E-09	1.07E-08	5.97E-08
5307	494863.09	3865877.25	9.42E-05	9.19E-05	9.07E-05	3.26E-08	9.84E-08	5.70E-08	5.56E-08	5.04E-08	2.30E-08	2.27E-08	1.09E-09	2.63E-08	5.80E-09	7.55E-09	1.20E-08	2.11E-09	1.19E-08	6.67E-08
5308	495363.09	3865877.25	9.54E-05	9.31E-05	9.19E-05	3.30E-08	9.97E-08	5.77E-08	5.63E-08	5.11E-08	2.33E-08	2.30E-08	1.10E-09	2.66E-08	5.88E-09	7.65E-09	1.21E-08	2.14E-09	1.21E-08	6.76E-08
5309	495863.09	3865877.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
5310	496363.09	3865877.25	9.25E-05	9.03E-05	8.91E-05	3.20E-08	9.67E-08	5.60E-08	5.46E-08	4.95E-08	2.26E-08	2.23E-08	1.07E-09	2.58E-08	5.70E-09	7.42E-09	1.18E-08	2.07E-09	1.17E-08	6.56E-08
5311	496863.09	3865877.25	8.96E-05	8.74E-05	8.63E-05	3.10E-08	9.37E-08	5.42E-08	5.29E-08	4.80E-08	2.19E-08	2.16E-08	1.04E-09	2.50E-08	5.52E-09	7.18E-09	1.14E-08	2.01E-09	1.13E-08	6.35E-08
5312	497363.09	3865877.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08
5313	497863.09	3865877.25	9.54E-05	9.31E-05	9.19E-05	3.30E-08	9.97E-08	5.77E-08	5.63E-08	5.11E-08	2.33E-08	2.30E-08	1.10E-09	2.66E-08	5.88E-09	7.65E-09	1.21E-08	2.14E-09	1.21E-08	6.76E-08
5314	498363.09	3865877.25	8.80E-05	8.58E-05	8.47E-05	3.04E-08	9.19E-08	5.32E-08	5.19E-08	4.71E-08	2.15E-08	2.12E-08	1.02E-09	2.46E-08	5.42E-09	7.05E-09	1.12E-08	1.97E-09	1.11E-08	6.23E-08
5315	471363.09	3866377.25	6.60E-05	6.44E-05	6.35E-05	2.28E-08	6.89E-08	3.99E-08	3.89E-08	3.53E-08	1.61E-08	1.59E-08	7.63E-10	1.84E-08	4.06E-09	5.29E-09	8.39E-09	1.48E-09	8.34E-09	4.67E-08
5316	471863.09	3866377.25	6.68E-05	6.52E-05	6.43E-05	2.31E-08	6.98E-08	4.04E-08	3.94E-08	3.58E-08	1.63E-08	1.61E-08	7.72E-10	1.87E-08	4.12E-09	5.35E-09	8.49E-09	1.50E-09	8.45E-09	4.73E-08
5317	472363.09	3866377.25	6.80E-05	6.64E-05	6.55E-05	2.36E-08	7.11E-08	4.12E-08	4.02E-08	3.64E-08	1.66E-08	1.64E-08	7.87E-10	1.90E-08	4.19E-09	5.45E-09	8.65E-09	1.52E-09	8.61E-09	4.82E-08
5318	472863.09	3866377.25	6.89E-05	6.72E-05	6.63E-05	2.38E-08	7.20E-08	4.17E-08	4.07E-08	3.69E-08	1.68E-08	1.66E-08	7.96E-10	1.92E-08	4.24E-09	5.52E-09	8.76E-09	1.54E-09	8.71E-09	4.88E-08
5319	473363.09	3866377.25	6.97E-05	6.80E-05	6.71E-05	2.41E-08	7.29E-08	4.22E-08	4.12E-08	3.73E-08	1.70E-08	1.68E-08	8.06E-10	1.95E-08	4.29E-09	5.59E-09	8.86E-09	1.56E-09	8.81E-09	4.94E-08
5320	473863.09	3866377.25	7.09E-05	6.92E-05	6.83E-05	2.46E-08	7.42E-08	4.29E-08	4.19E-08	3.80E-08	1.73E-08	1.71E-08	8.20E-10	1.98E-08	4.37E-09	5.69E-09	9.02E-09	1.59E-09	8.97E-09	5.03E-08
5321	474363.09	3866377.25	7.22E-05	7.04E-05	6.95E-05	2.50E-08	7.55E-08	4.37E-08	4.26E-08	3.86E-08	1.76E-08	1.74E-08	8.34E-10	2.02E-08	4.45E-09	5.79E-09	9.18E-09	1.62E-09	9.13E-09	5.12E-08
5322	474863.09	3866377.25	7.30E-05	7.13E-05	7.03E-05	2.53E-08	7.63E-08	4.42E-08	4.31E-08	3.91E-08	1.78E-08	1.76E-08	8.44E-10	2.04E-08	4.50E-09	5.85E-09	9.29E-09	1.64E-09	9.23E-09	5.17E-08
5323	475363.09	3866377.25	7.38E-05	7.21E-05	7.11E-05	2.56E-08	7.72E-08	4.47E-08	4.36E-08	3.95E-08	1.80E-08	1.78E-08	8.54E-10	2.06E-08	4.55E-09	5.92E-09	9.39E-09	1.66E-09	9.34E-09	5.23E-08
5324	475863.09	3866377.25	7.47E-05	7.29E-05	7.19E-05	2.59E-08	7.81E-08	4.52E-08	4.41E-08	4.00E-08	1.82E-08	1.80E-08	8.63E-10	2.09E-08	4.60E-09	5.99E-09	9.50E-09	1.67E-09	9.44E-09	5.29E-08
5325	476363.09	3866377.25	7.55E-05	7.37E-05	7.27E-05	2.61E-08	7.89E-08	4.57E-08	4.46E-08	4.04E-08	1.84E-08	1.82E-08	8.73E-10	2.11E-08	4.65E-09	6.05E-09	9.60E-09	1.69E-09	9.55E-09	5.35E-08
5326	476863.09	3866377.25	7.22E-05	7.04E-05	6.95E-05	2.50E-08	7.55E-08	4.37E-08	4.26E-08	3.86E-08	1.76E-08	1.74E-08	8.34E-10	2.02E-08	4.45E-09	5.79E-09	9.18E-09	1.62E-09	9.13E-09	5.12E-08
5327	477363.09	3866377.25	7.59E-05	7.41E-05	7.31E-05	2.63E-08	7.94E-08	4.59E-08	4.48E-08	4.06E-08	1.85E-08	1.83E-08	8.78E-10	2.12E-08	4.68E-09	6.09E-09	9.66E-09	1.70E-09	9.60E-09	5.38E-08
5328	477863.09	3866377.25	7.84E-05	7.65E-05	7.55E-05	2.71E-08	8.20E-08	4.74E-08	4.63E-08	4.20E-08	1.91E-08	1.89E-08	9.06E-10	2.19E-08	4.83E-09	6.29E-09	9.97E-09	1.76E-09	9.92E-09	5.56E-08

5329	478363.09	3866377.25	7.88E-05	7.69E-05	7.59E-05	2.73E-08	8.24E-08	4.77E-08	4.65E-08	4.22E-08	1.93E-08	1.90E-08	9.11E-10	2.20E-08	4.86E-09	6.32E-09	1.00E-08	1.77E-09	9.97E-09	5.59E-08
5330	478863.09	3866377.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
5331	479363.09	3866377.25	8.05E-05	7.85E-05	7.75E-05	2.79E-08	8.41E-08	4.87E-08	4.75E-08	4.31E-08	1.97E-08	1.94E-08	9.30E-10	2.25E-08	4.96E-09	6.45E-09	1.02E-08	1.80E-09	1.02E-08	5.70E-08
5332	479863.09	3866377.25	8.13E-05	7.93E-05	7.83E-05	2.81E-08	8.50E-08	4.92E-08	4.80E-08	4.35E-08	1.99E-08	1.96E-08	9.40E-10	2.27E-08	5.01E-09	6.52E-09	1.03E-08	1.82E-09	1.03E-08	5.76E-08
5333	480363.09	3866377.25	8.21E-05	8.02E-05	7.91E-05	2.84E-08	8.59E-08	4.97E-08	4.85E-08	4.40E-08	2.01E-08	1.98E-08	9.50E-10	2.29E-08	5.06E-09	6.59E-09	1.04E-08	1.84E-09	1.04E-08	5.82E-08
5334	480863.09	3866377.25	8.34E-05	8.14E-05	8.03E-05	2.89E-08	8.72E-08	5.05E-08	4.92E-08	4.46E-08	2.04E-08	2.01E-08	9.64E-10	2.33E-08	5.14E-09	6.68E-09	1.06E-08	1.87E-09	1.05E-08	5.91E-08
5335	481363.09	3866377.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08
5336	481863.09	3866377.25	8.59E-05	8.38E-05	8.27E-05	2.97E-08	8.98E-08	5.20E-08	5.07E-08	4.60E-08	2.10E-08	2.07E-08	9.93E-10	2.40E-08	5.29E-09	6.88E-09	1.09E-08	1.92E-09	1.09E-08	6.09E-08
5337	482363.09	3866377.25	8.67E-05	8.46E-05	8.35E-05	3.00E-08	9.06E-08	5.25E-08	5.12E-08	4.64E-08	2.12E-08	2.09E-08	1.00E-09	2.42E-08	5.34E-09	6.95E-09	1.10E-08	1.94E-09	1.10E-08	6.14E-08
5338	482863.09	3866377.25	8.80E-05	8.58E-05	8.47E-05	3.04E-08	9.19E-08	5.32E-08	5.19E-08	4.71E-08	2.15E-08	2.12E-08	1.02E-09	2.46E-08	5.42E-09	7.05E-09	1.12E-08	1.97E-09	1.11E-08	6.23E-08
5339	483363.09	3866377.25	8.88E-05	8.66E-05	8.55E-05	3.07E-08	9.28E-08	5.37E-08	5.24E-08	4.75E-08	2.17E-08	2.14E-08	1.03E-09	2.48E-08	5.47E-09	7.12E-09	1.13E-08	1.99E-09	1.12E-08	6.29E-08
5340	483863.09	3866377.25	9.04E-05	8.83E-05	8.71E-05	3.13E-08	9.45E-08	5.47E-08	5.34E-08	4.84E-08	2.21E-08	2.18E-08	1.05E-09	2.53E-08	5.57E-09	7.25E-09	1.15E-08	2.03E-09	1.14E-08	6.41E-08
5341	484363.09	3866377.25	9.09E-05	8.87E-05	8.75E-05	3.15E-08	9.50E-08	5.50E-08	5.36E-08	4.86E-08	2.22E-08	2.19E-08	1.05E-09	2.54E-08	5.60E-09	7.28E-09	1.16E-08	2.04E-09	1.15E-08	6.44E-08
5342	484863.09	3866377.25	9.21E-05	8.99E-05	8.87E-05	3.19E-08	9.63E-08	5.57E-08	5.44E-08	4.93E-08	2.25E-08	2.22E-08	1.06E-09	2.57E-08	5.67E-09	7.38E-09	1.17E-08	2.06E-09	1.16E-08	6.53E-08
5343	485363.09	3866377.25	9.33E-05	9.11E-05	8.99E-05	3.23E-08	9.76E-08	5.65E-08	5.51E-08	5.00E-08	2.28E-08	2.25E-08	1.08E-09	2.61E-08	5.75E-09	7.48E-09	1.19E-08	2.09E-09	1.18E-08	6.61E-08
5344	485863.09	3866377.25	9.50E-05	9.27E-05	9.15E-05	3.29E-08	9.93E-08	5.75E-08	5.61E-08	5.09E-08	2.32E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.62E-09	1.21E-08	2.13E-09	1.20E-08	6.73E-08
5345	486363.09	3866377.25	9.67E-05	9.43E-05	9.31E-05	3.35E-08	1.01E-07	5.85E-08	5.71E-08	5.17E-08	2.36E-08	2.33E-08	1.12E-09	2.70E-08	5.96E-09	7.75E-09	1.23E-08	2.17E-09	1.22E-08	6.85E-08
5346	486863.09	3866377.25	9.83E-05	9.59E-05	9.47E-05	3.40E-08	1.03E-07	5.95E-08	5.81E-08	5.26E-08	2.40E-08	2.37E-08	1.14E-09	2.75E-08	6.06E-09	7.88E-09	1.25E-08	2.20E-09	1.24E-08	6.97E-08
5347	487363.09	3866377.25	1.00E-04	9.76E-05	9.63E-05	3.46E-08	1.05E-07	6.05E-08	5.90E-08	5.35E-08	2.44E-08	2.41E-08	1.16E-09	2.79E-08	6.16E-09	8.02E-09	1.27E-08	2.24E-09	1.26E-08	7.09E-08
5348	487863.09	3866377.25	1.00E-04	9.76E-05	9.63E-05	3.46E-08	1.05E-07	6.05E-08	5.90E-08	5.35E-08	2.44E-08	2.41E-08	1.16E-09	2.79E-08	6.16E-09	8.02E-09	1.27E-08	2.24E-09	1.26E-08	7.09E-08
5349	488363.09	3866377.25	1.02E-04	9.92E-05	9.79E-05	3.52E-08	1.06E-07	6.15E-08	6.00E-08	5.44E-08	2.48E-08	2.45E-08	1.17E-09	2.84E-08	6.26E-09	8.15E-09	1.29E-08	2.28E-09	1.29E-08	7.20E-08
5350	488863.09	3866377.25	9.83E-05	9.59E-05	9.47E-05	3.40E-08	1.03E-07	5.95E-08	5.81E-08	5.26E-08	2.40E-08	2.37E-08	1.14E-09	2.75E-08	6.06E-09	7.88E-09	1.25E-08	2.20E-09	1.24E-08	6.97E-08
5351	489363.09	3866377.25	9.58E-05	9.35E-05	9.23E-05	3.32E-08	1.00E-07	5.80E-08	5.66E-08	5.13E-08	2.34E-08	2.31E-08	1.11E-09	2.68E-08	5.90E-09	7.68E-09	1.22E-08	2.15E-09	1.21E-08	6.79E-08
5352	489863.09	3866377.25	9.13E-05	8.91E-05	8.79E-05	3.16E-08	9.54E-08	5.52E-08	5.39E-08	4.89E-08	2.23E-08	2.20E-08	1.06E-09	2.55E-08	5.62E-09	7.32E-09	1.16E-08	2.05E-09	1.15E-08	6.47E-08
5353	490363.09	3866377.25	1.02E-04	9.96E-05	9.83E-05	3.53E-08	1.07E-07	6.18E-08	6.03E-08	5.46E-08	2.49E-08	2.46E-08	1.18E-09	2.85E-08	6.29E-09	8.18E-09	1.30E-08	2.29E-09	1.29E-08	7.23E-08
5354	490863.09	3866377.25	1.05E-04	1.02E-04	1.01E-04	3.62E-08	1.09E-07	6.33E-08	6.17E-08	5.60E-08	2.55E-08	2.52E-08	1.21E-09	2.92E-08	6.44E-09	8.38E-09	1.33E-08	2.34E-09	1.32E-08	7.41E-08
5355	491363.09	3866377.25	1.00E-04	9.76E-05	9.63E-05	3.46E-08	1.05E-07	6.05E-08	5.90E-08	5.35E-08	2.44E-08	2.41E-08	1.16E-09	2.79E-08	6.16E-09	8.02E-09	1.27E-08	2.24E-09	1.26E-08	7.09E-08
5356	491863.09	3866377.25	8.38E-05	8.18E-05	8.07E-05	2.90E-08	8.76E-08	5.07E-08	4.95E-08	4.49E-08	2.05E-08	2.02E-08	9.69E-10	2.34E-08	5.16E-09	6.72E-09	1.07E-08	1.88E-09	1.06E-08	5.94E-08
5357	492363.09	3866377.25	8.51E-05	8.30E-05	8.19E-05	2.94E-08	8.89E-08	5.15E-08	5.02E-08	4.55E-08	2.08E-08	2.05E-08	9.83E-10	2.37E-08	5.24E-09	6.82E-09	1.08E-08	1.91E-09	1.08E-08	6.03E-08
5358	492863.09	3866377.25	7.88E-05	7.69E-05	7.59E-05	2.73E-08	8.24E-08	4.77E-08	4.65E-08	4.22E-08	1.93E-08	1.90E-08	9.11E-10	2.20E-08	4.86E-09	6.32E-09	1.00E-08	1.77E-09	9.97E-09	5.59E-08
5359	493363.09	3866377.25	7.84E-05	7.65E-05	7.55E-05	2.71E-08	8.20E-08	4.74E-08	4.63E-08	4.20E-08	1.91E-08	1.89E-08	9.06E-10	2.19E-08	4.83E-09	6.29E-09	9.97E-09	1.76E-09	9.92E-09	5.56E-08
5360	493863.09	3866377.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
5361	494363.09	3866377.25	8.42E-05	8.22E-05	8.11E-05	2.92E-08	8.80E-08	5.10E-08	4.97E-08	4.51E-08	2.06E-08	2.03E-08	9.74E-10	2.35E-08	5.19E-09	6.75E-09	1.07E-08	1.89E-09	1.07E-08	5.97E-08
5362	494863.09	3866377.25	8.30E-05	8.10E-05	7.99E-05	2.87E-08	8.67E-08	5.02E-08	4.90E-08	4.44E-08	2.03E-08	2.00E-08	9.59E-10	2.32E-08	5.11E-09	6.65E-09	1.06E-08	1.86E-09	1.05E-08	5.88E-08
5363	495363.09	3866377.25	7.97E-05	7.77E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.70E-08	4.26E-08	1.95E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.39E-09	1.01E-08	1.79E-09	1.01E-08	5.64E-08
5364	495863.09	3866377.25	7.80E-05	7.61E-05	7.51E-05	2.70E-08	8.15E-08	4.72E-08	4.61E-08	4.17E-08	1.90E-08	1.88E-08	9.02E-10	2.18E-08	4.81E-09	6.25E-09	9.92E-09	1.75E-09	9.86E-09	5.53E-08
5365	496363.09	3866377.25	7.80E-05	7.61E-05	7.51E-05	2.70E-08	8.15E-08	4.72E-08	4.61E-08	4.17E-08	1.90E-08	1.88E-08	9.02E-10	2.18E-08	4.81E-09	6.25E-09	9.92E-09	1.75E-09	9.86E-09	5.53E-08
5366	496863.09	3866377.25	7.72E-05	7.53E-05	7.43E-05	2.67E-08	8.07E-08	4.67E-08	4.56E-08	4.13E-08	1.88E-08	1.86E-08	8.92E-10	2.15E-08	4.75E-09	6.19E-09	9.81E-09	1.73E-09	9.76E-09	5.47E-08
5367	497363.09	3866377.25	7.88E-05	7.69E-05	7.59E-05	2.73E-08	8.24E-08	4.77E-08	4.65E-08	4.22E-08	1.93E-08	1.90E-08	9.11E-10	2.20E-08	4.86E-09	6.32E-09	1.00E-08	1.77E-09	9.97E-09	5.59E-08
5368	497863.09	3866377.25	8.01E-05	7.81E-05	7.71E-05	2.77E-08	8.37E-08	4.84E-08	4.73E-08	4.29E-08	1.96E-08	1.93E-08	9.26E-10	2.24E-08	4.93E-09	6.42E-09	1.02E-08	1.79E-09	1.01E-08	5.67E-08
5369	498363.09	3866377.25	7.30E-05	7.13E-05	7.03E-05	2.53E-08	7.63E-08	4.42E-08	4.31E-08	3.91E-08	1.78E-08	1.76E-08	8.44E-10	2.04E-08	4.50E-09	5.85E-09	9.29E-09	1.64E-09	9.23E-09	5.17E-08
5370	474494.92	3848334.16	2.85E-02	2.78E-02	2.75E-02	9.87E-06	2.98E-05	1.73E-05	1.68E-05	1.53E-05	6.97E-06	6.87E-06	3.30E-07	7.96E-06	1.76E-06	2.29E-06	3.63E-06	6.39E-07	3.61E-06	2.02E-05
5371	475167.27	3848920.79	3.37E-02	3.29E-02	3.24E-02	1.17E-05	3.52E-05	2.04E-05	1.99E-05	1.80E-05	8.23E-06	8.12E-06	3.89E-07	9.41E-06	2.08E-06	2.70E-06	4.28E-06	7.55E-07	4.26E-06	2.39E-05
5372	475297.89	3848997.96	2.62E-02	2.56E-02	2.52E-02	9.07E-06	2.74E-05	1.59E-05	1.55E-05	1.40E-05	6.40E-06	6.32E-06	3.03E-07	7.32E-06	1.62E-06	2.10E-06	3.33E-06	5.87E-07	3.32E-06	1.86E-05
5373	475439.05	3849062	3.05E-02	2.97E-02	2.93E-02	1.05E-05	3.18E-05	1.84E-05	1.80E-05	1.63E-05	7.44E-06	7.34E-06	3.52E-07	8.51E-06	1.88E-06	2.44E-06	3.87E-06	6.83E-07	3.85E-06	2.16E-05
5374	475486.86	3849061.09	2.25E-02	2.19E-02	2.16E-02	7.78E-06	2.35E-05	1.36E-05	1.33E-05	1.20E-05	5.49E-06	5.42E-06	2.60E-07	6.28E-06	1.38E-06	1.80E-06	2.86E-06	5.04E-07	2.84E-06	1.59E-05
5375	475538.46	3849075.56	2.28E-02	2.23E-02	2.20E-02	7.89E-06	2.38E-05	1.38E-05	1.35E-05	1.22E-05	5.57E-06	5.50E-06	2.64E-07	6.37E-06	1.41E-06	1.83E-06	2.90E-06	5.11E-07	2.88E-06	1.62E-05
5376	475751.79	3849137.15	3.36E-02	3.28E-02	3.23E-02	1.16E-05	3.51E-05	2.03E-05	1.98E-05	1.80E-05	8.20E-06	8.09E-06	3.88E-07	9.38E-06	2.07E-06	2.69E-06	4.27E-06	7.53E-07	4.25E-06	2.38E-05
5377	476303.62	3849223.38	3.05E-02	2.97E-02	2.93E-02	1.05E-05	3.18E-05	1.84E-05	1.80E-05	1.63E-05	7.44E-06	7.34E-06	3.52E-07	8.50E-06	1.88E-06	2.44E-06	3.87E-06	6.83E-07	3.85E-06	2.16E-05
5378	476304.51	3849238.92	4.23E-02	4.13E-02	4.07E-02	1.46E-05	4.42E-05	2.56E-05	2.50E-05	2.26E-05	1.03E-05	1.02E-05	4.89E-07	1.18E-05	2.60E-06	3.39E-06	5.38E-06	9.47E-07	5.35E-06	3.00E-05
5379	476365.04	3849247.98	3.78E-02	3.69E-02	3.64E-02	1.31E-05	3.95E-05	2.29E-05	2.23E-05	2.02E-05	9.23E-06	9.10E-06	4.37E-07	1.05E-05	2.33E-06	3.03E-06	4.80E-06	8.47E-07	4.78E-06	2.68E-05
5380	476444.86	3849267.13	3.80E-02	3.71E-02	3.66E-02	1.32E-05	3.97E-05	2.30E-05	2.24E-05	2.03E-05	9.28E-06	9.16E-06	4.39E-07	1.06E-05	2.34E-06	3.05E-06	4.83E-06	8.52E-07	4.81E-06	2.69E-05
5381	476550.75	3849300.66	4.55E-02	4.44E-02	4.38E-02	1.57E-05	4.75E-05	2.75E-05	2.68E-05	2.43E-05	1.11E-05	1.10E-05	5.25E-07	1.27E-05	2.80E-06	3.64E-06	5.78E-06	1.02E-06	5.75E-06	3.22E-05
5382	476656.71	3849346.88	3.91E-02	3.82E-02	3.77E-02	1.35E-05	4.09E-05	2.37E-05	2.31E-05	2.09E-05	9.55E-06	9.42E-06	4.52E-07	1.09E-05	2.41E-06	3.14E-06	4.97E-06	8.77E-07	4.95E-06	2.77E-05
5383	476873.55	3849454.53	3.90E-02	3.80E-02	3.75E-02	1.35E-05	4.07E-05	2.36E-05	2.30E-05	2.09E-05	9.52E-06	9.39E-06	4.51E-07	1.09E-05	2.40E-06	3.12E-06	4.96E-06	8.74E-07	4.93E-06	2.76E-05

5384	477700	3849859.7	3.80E-02	3.71E-02	3.66E-02	1.32E-05	3.98E-05	2.30E-05	2.25E-05	2.04E-05	9.29E-06	9.17E-06	4.40E-07	1.06E-05	2.34E-06	3.05E-06	4.84E-06	8.52E-07	4.81E-06	2.70E-05
5385	477743.16	3849856.38	2.70E-02	2.63E-02	2.60E-02	9.35E-06	2.82E-05	1.63E-05	1.59E-05	1.44E-05	6.59E-06	6.51E-06	3.12E-07	7.54E-06	1.66E-06	2.16E-06	3.43E-06	6.05E-07	3.41E-06	1.91E-05
5386	478477.35	3850216.33	2.80E-02	2.73E-02	2.69E-02	9.68E-06	2.92E-05	1.69E-05	1.65E-05	1.50E-05	6.83E-06	6.74E-06	3.23E-07	7.81E-06	1.72E-06	2.24E-06	3.56E-06	6.27E-07	3.54E-06	1.98E-05
5387	478485.8	3850201.6	2.16E-02	2.11E-02	2.08E-02	7.47E-06	2.26E-05	1.31E-05	1.27E-05	1.15E-05	5.27E-06	5.20E-06	2.49E-07	6.02E-06	1.33E-06	1.73E-06	2.74E-06	4.84E-07	2.73E-06	1.53E-05
5388	479113.21	3850501.53	1.98E-02	1.93E-02	1.91E-02	6.86E-06	2.07E-05	1.20E-05	1.17E-05	1.06E-05	4.84E-06	4.77E-06	2.29E-07	5.53E-06	1.22E-06	1.59E-06	2.52E-06	4.44E-07	2.51E-06	1.40E-05
5389	479108.11	3850382.28	8.02E-03	7.83E-03	7.72E-03	2.78E-06	8.39E-06	4.85E-06	4.74E-06	4.29E-06	1.96E-06	1.93E-06	9.27E-08	2.24E-06	4.94E-07	6.43E-07	1.02E-06	1.80E-07	1.01E-06	5.69E-06
5390	479689.85	3850674.28	8.32E-03	8.12E-03	8.01E-03	2.88E-06	8.70E-06	5.03E-06	4.91E-06	4.45E-06	2.03E-06	2.01E-06	9.62E-08	2.32E-06	5.13E-07	6.67E-07	1.06E-06	1.86E-07	1.05E-06	5.90E-06
5391	479952.42	3850774.28	7.22E-03	7.04E-03	6.95E-03	2.50E-06	7.54E-06	4.37E-06	4.26E-06	3.86E-06	1.76E-06	1.74E-06	8.34E-08	2.02E-06	4.45E-07	5.79E-07	9.18E-07	1.62E-07	9.13E-07	5.11E-06
5392	479911.32	3850884.85	1.86E-02	1.81E-02	1.79E-02	6.43E-06	1.94E-05	1.12E-05	1.10E-05	9.94E-06	4.54E-06	4.48E-06	2.15E-07	5.19E-06	1.14E-06	1.49E-06	2.36E-06	4.16E-07	2.35E-06	1.32E-05
5393	480500.92	3851178.12	1.94E-02	1.89E-02	1.87E-02	6.71E-06	2.03E-05	1.17E-05	1.14E-05	1.04E-05	4.73E-06	4.67E-06	2.24E-07	5.41E-06	1.19E-06	1.55E-06	2.47E-06	4.34E-07	2.45E-06	1.37E-05
5394	480738.01	3851289.27	1.83E-02	1.79E-02	1.76E-02	6.33E-06	1.91E-05	1.11E-05	1.08E-05	9.79E-06	4.47E-06	4.41E-06	2.12E-07	5.11E-06	1.13E-06	1.47E-06	2.33E-06	4.10E-07	2.31E-06	1.30E-05
5395	481055.42	3851443.58	1.78E-02	1.74E-02	1.72E-02	6.17E-06	1.86E-05	1.08E-05	1.05E-05	9.54E-06	4.35E-06	4.30E-06	2.06E-07	4.98E-06	1.10E-06	1.43E-06	2.27E-06	4.00E-07	2.25E-06	1.26E-05
5396	481110.22	3851443.15	1.35E-02	1.31E-02	1.30E-02	4.66E-06	1.41E-05	8.15E-06	7.95E-06	7.21E-06	3.29E-06	3.24E-06	1.56E-07	3.76E-06	8.30E-07	1.08E-06	1.71E-06	3.02E-07	1.70E-06	9.54E-06
5397	481111.1	3851417.45	1.09E-02	1.07E-02	1.05E-02	3.78E-06	1.14E-05	6.61E-06	6.45E-06	5.85E-06	2.67E-06	2.63E-06	1.26E-07	3.05E-06	6.73E-07	8.76E-07	1.39E-06	2.45E-07	1.38E-06	7.74E-06
5398	482248.44	3852605.09	2.05E-02	2.00E-02	1.97E-02	7.08E-06	2.14E-05	1.24E-05	1.21E-05	1.09E-05	5.00E-06	4.93E-06	2.36E-07	5.71E-06	1.26E-06	1.64E-06	2.60E-06	4.58E-07	2.59E-06	1.45E-05
5399	482273.34	3852632.31	2.09E-02	2.04E-02	2.01E-02	7.23E-06	2.18E-05	1.26E-05	1.23E-05	1.12E-05	5.10E-06	5.03E-06	2.41E-07	5.83E-06	1.29E-06	1.67E-06	2.65E-06	4.68E-07	2.64E-06	1.48E-05
5400	482665.46	3853038.72	1.67E-02	1.63E-02	1.61E-02	5.78E-06	1.75E-05	1.01E-05	9.86E-06	8.94E-06	4.08E-06	4.02E-06	1.93E-07	4.66E-06	1.03E-06	1.34E-06	2.12E-06	3.74E-07	2.11E-06	1.18E-05
5401	483077.95	3853844.31	7.85E-03	7.66E-03	7.56E-03	2.72E-06	8.21E-06	4.75E-06	4.64E-06	4.20E-06	1.92E-06	1.89E-06	9.08E-08	2.19E-06	4.84E-07	6.29E-07	9.99E-07	1.76E-07	9.93E-07	5.56E-06
5402	483121.38	3853909.38	7.13E-03	6.96E-03	6.87E-03	2.47E-06	7.46E-06	4.32E-06	4.21E-06	3.82E-06	1.74E-06	1.72E-06	8.25E-08	1.99E-06	4.39E-07	5.72E-07	9.07E-07	1.60E-07	9.02E-07	5.05E-06
5403	483492.64	3853911.49	2.71E-03	2.65E-03	2.61E-03	9.39E-07	2.83E-06	1.64E-06	1.60E-06	1.45E-06	6.62E-07	6.54E-07	3.13E-08	7.57E-07	1.67E-07	2.17E-07	3.45E-07	6.08E-08	3.43E-07	1.92E-06
5404	483498.29	3854204.73	6.53E-03	6.37E-03	6.29E-03	2.26E-06	6.83E-06	3.95E-06	3.86E-06	3.50E-06	1.60E-06	1.57E-06	7.55E-08	1.82E-06	4.02E-07	5.24E-07	8.31E-07	1.46E-07	8.26E-07	4.63E-06
5405	484132.44	3854662.55	1.07E-02	1.04E-02	1.03E-02	3.70E-06	1.12E-05	6.47E-06	6.31E-06	5.72E-06	2.61E-06	2.58E-06	1.24E-07	2.98E-06	6.59E-07	8.57E-07	1.36E-06	2.40E-07	1.35E-06	7.57E-06
5406	484627.62	3854876.13	9.45E-03	9.22E-03	9.10E-03	3.27E-06	9.87E-06	5.72E-06	5.58E-06	5.06E-06	2.31E-06	2.28E-06	1.09E-07	2.64E-06	5.82E-07	7.57E-07	1.20E-06	2.12E-07	1.19E-06	6.69E-06
5407	484756.14	3854949.04	9.45E-03	9.22E-03	9.10E-03	3.27E-06	9.88E-06	5.72E-06	5.58E-06	5.06E-06	2.31E-06	2.28E-06	1.09E-07	2.64E-06	5.82E-07	7.58E-07	1.20E-06	2.12E-07	1.20E-06	6.70E-06
5408	486697.51	3856599.17	3.83E-03	3.74E-03	3.69E-03	1.33E-06	4.01E-06	2.32E-06	2.26E-06	2.05E-06	9.36E-07	9.24E-07	4.43E-08	1.07E-06	2.36E-07	3.07E-07	4.88E-07	8.59E-08	4.85E-07	2.72E-06
5409	487105.31	3856962.27	3.67E-03	3.58E-03	3.53E-03	1.27E-06	3.83E-06	2.22E-06	2.17E-06	1.96E-06	8.96E-07	8.84E-07	4.24E-08	1.02E-06	2.26E-07	2.94E-07	4.66E-07	8.22E-08	4.64E-07	2.60E-06
5410	487157.57	3856901.7	2.89E-03	2.82E-03	2.78E-03	9.99E-07	3.02E-06	1.75E-06	1.70E-06	1.54E-06	7.05E-07	6.95E-07	3.33E-08	8.06E-07	1.78E-07	2.31E-07	3.67E-07	6.47E-08	3.65E-07	2.04E-06
5411	487173.5	3856853.74	2.59E-03	2.53E-03	2.49E-03	8.96E-07	2.71E-06	1.57E-06	1.53E-06	1.39E-06	6.32E-07	6.24E-07	2.99E-08	7.23E-07	1.59E-07	2.07E-07	3.29E-07	5.80E-08	3.27E-07	1.83E-06
5412	487564.41	3856860.83	1.74E-03	1.70E-03	1.67E-03	6.01E-07	1.82E-06	1.05E-06	1.03E-06	9.30E-07	4.24E-07	4.19E-07	2.01E-08	4.85E-07	1.07E-07	1.39E-07	2.21E-07	3.89E-08	2.20E-07	1.23E-06
5413	487563.31	3856931.58	1.86E-03	1.81E-03	1.79E-03	6.43E-07	1.94E-06	1.12E-06	1.10E-06	9.95E-07	4.54E-07	4.48E-07	2.15E-08	5.19E-07	1.15E-07	1.49E-07	2.36E-07	4.17E-08	2.35E-07	1.32E-06
5414	487782.7	3856926.85	1.58E-03	1.54E-03	1.52E-03	5.45E-07	1.65E-06	9.53E-07	9.30E-07	8.43E-07	3.85E-07	3.80E-07	1.82E-08	4.40E-07	9.71E-08	1.26E-07	2.00E-07	3.53E-08	1.99E-07	1.12E-06
5415	487782.39	3856757.07	1.40E-03	1.36E-03	1.34E-03	4.83E-07	1.46E-06	8.45E-07	8.24E-07	7.47E-07	3.41E-07	3.36E-07	1.61E-08	3.90E-07	8.60E-08	1.12E-07	1.78E-07	3.13E-08	1.77E-07	9.89E-07
5416	487917.26	3856752.41	1.30E-03	1.27E-03	1.25E-03	4.51E-07	1.36E-06	7.88E-07	7.69E-07	6.97E-07	3.18E-07	3.14E-07	1.51E-08	3.64E-07	8.03E-08	1.04E-07	1.66E-07	2.92E-08	1.65E-07	9.23E-07
5417	487919.57	3856953.35	1.48E-03	1.44E-03	1.42E-03	5.12E-07	1.55E-06	8.95E-07	8.74E-07	7.92E-07	3.61E-07	3.57E-07	1.71E-08	4.13E-07	9.12E-08	1.19E-07	1.88E-07	3.32E-08	1.87E-07	1.05E-06
5418	487932.76	3857000.32	1.52E-03	1.48E-03	1.46E-03	5.25E-07	1.59E-06	9.18E-07	8.96E-07	8.12E-07	3.71E-07	3.66E-07	1.75E-08	4.24E-07	9.35E-08	1.22E-07	1.93E-07	3.40E-08	1.92E-07	1.08E-06
5419	487960.5	3857044.75	1.54E-03	1.50E-03	1.48E-03	5.34E-07	1.61E-06	9.33E-07	9.10E-07	8.25E-07	3.76E-07	3.71E-07	1.78E-08	4.30E-07	9.50E-08	1.24E-07	1.96E-07	3.45E-08	1.95E-07	1.09E-06
5420	488016.54	3857089.54	1.54E-03	1.50E-03	1.48E-03	5.33E-07	1.61E-06	9.31E-07	9.09E-07	8.24E-07	3.76E-07	3.71E-07	1.78E-08	4.30E-07	9.48E-08	1.23E-07	1.96E-07	3.45E-08	1.95E-07	1.09E-06
5421	488114.39	3857165.47	1.54E-03	1.50E-03	1.48E-03	5.32E-07	1.61E-06	9.30E-07	9.08E-07	8.23E-07	3.75E-07	3.70E-07	1.78E-08	4.29E-07	9.47E-08	1.23E-07	1.95E-07	3.45E-08	1.94E-07	1.09E-06
5422	488171.49	3857234.24	1.57E-03	1.53E-03	1.51E-03	5.42E-07	1.64E-06	9.48E-07	9.25E-07	8.38E-07	3.82E-07	3.77E-07	1.81E-08	4.37E-07	9.65E-08	1.26E-07	1.99E-07	3.51E-08	1.98E-07	1.11E-06
5423	488193.16	3857297.8	1.63E-03	1.59E-03	1.57E-03	5.63E-07	1.70E-06	9.84E-07	9.60E-07	8.70E-07	3.97E-07	3.92E-07	1.88E-08	4.54E-07	1.00E-07	1.30E-07	2.07E-07	3.64E-08	2.06E-07	1.15E-06
5424	488189.27	3857649.94	2.32E-03	2.26E-03	2.23E-03	8.02E-07	2.42E-06	1.40E-06	1.37E-06	1.24E-06	5.66E-07	5.58E-07	2.68E-08	6.47E-07	1.43E-07	1.86E-07	2.95E-07	5.19E-08	2.93E-07	1.64E-06
5425	488127.43	3857732.32	2.78E-03	2.72E-03	2.68E-03	9.64E-07	2.91E-06	1.68E-06	1.64E-06	1.49E-06	6.80E-07	6.71E-07	3.22E-08	7.77E-07	1.72E-07	2.23E-07	3.54E-07	6.24E-08	3.52E-07	1.97E-06
5426	488149.93	3857752.94	2.79E-03	2.72E-03	2.68E-03	9.65E-07	2.91E-06	1.69E-06	1.65E-06	1.49E-06	6.81E-07	6.72E-07	3.22E-08	7.78E-07	1.72E-07	2.23E-07	3.55E-07	6.25E-08	3.53E-07	1.98E-06
5427	488144.76	3857758.71	2.83E-03	2.76E-03	2.73E-03	9.80E-07	2.96E-06	1.71E-06	1.67E-06	1.52E-06	6.91E-07	6.82E-07	3.27E-08	7.91E-07	1.74E-07	2.27E-07	3.60E-07	6.35E-08	3.58E-07	2.01E-06
5428	488335.58	3857932.55	2.93E-03	2.86E-03	2.82E-03	1.02E-06	3.06E-06	1.77E-06	1.73E-06	1.57E-06	7.16E-07	7.07E-07	3.39E-08	8.19E-07	1.81E-07	2.35E-07	3.73E-07	6.57E-08	3.71E-07	2.08E-06
5429	488372.29	3857943.79	2.85E-03	2.78E-03	2.75E-03	9.87E-07	2.98E-06	1.73E-06	1.68E-06	1.53E-06	6.96E-07	6.87E-07	3.30E-08	7.96E-07	1.76E-07	2.29E-07	3.63E-07	6.39E-08	3.61E-07	2.02E-06
5430	488828.64	3857936.4	1.89E-03	1.84E-03	1.82E-03	6.53E-07	1.97E-06	1.14E-06	1.11E-06	1.01E-06	4.61E-07	4.55E-07	2.18E-08	5.27E-07	1.16E-07	1.51E-07	2.40E-07	4.23E-08	2.39E-07	1.34E-06
5431	488829.08	3857959.58	1.93E-03	1.88E-03	1.85E-03	6.67E-07	2.01E-06	1.17E-06	1.14E-06	1.03E-06	4.70E-07	4.64E-07	2.23E-08	5.38E-07	1.19E-07	1.54E-07	2.45E-07	4.32E-08	2.44E-07	1.36E-06
5432	488351.61	3857964.55	3.03E-03	2.96E-03	2.92E-03	1.05E-06	3.17E-06	1.83E-06	1.79E-06	1.62E-06	7.40E-07	7.30E-07	3.50E-08	8.46E-07	1.87E-07	2.43E-07	3.85E-07	6.79E-08	3.83E-07	2.15E-06
5433	488316.87	3857947.65	3.08E-03	3.01E-03	2.97E-03	1.07E-06	3.22E-06	1.87E-06	1.82E-06	1.65E-06	7.53E-07	7.43E-07	3.56E-08	8.61E-07	1.90E-07	2.47E-07	3.92E-07	6.91E-08	3.90E-07	2.18E-06
5434	488129.1	3857775.77	2.97E-03	2.90E-03	2.86E-03	1.03E-06	3.11E-06	1.80E-06	1.75E-06	1.59E-06	7.26E-07	7.16E-07	3.44E-08	8.30E-07	1.83E-07	2.38E-07	3.78E-07	6.66E-08	3.76E-07	2.11E-06
5435	488062.53	3857846.13	3.82E-03	3.73E-03	3.68E-03	1.32E-06	4.00E-06	2.31E-06	2.26E-06	2.05E-06	9.34E-07	9.21E-07	4.42E-08	1.07E-06	2.36E-07	3.06E-07	4.86E-07	8.57E-08	4.84E-07	2.71E-06
5436	488330.41	3858091.34	3.97E-03	3.87E-03	3.82E-03	1.37E-06	4.15E-06	2.40E-06	2.34E-06	2.12E-06	9.69E-07	9.56E-07	4.59E-08	1.11E-06	2.45E-07	3.18E-07	5.05E-07	8.89E-08	5.02E-07	2.81E-06
5437	488470.87	3858174.45	3.74E-03	3.65E-03	3.60E-03	1.30E-06	3.91E-06	2.27E-06	2.21E-06	2.00E-06	9.14E-07	9.02E-07	4.33E-08	1.05E-06	2.31E-07	3.00E-07	4.76E-07	8.39E-08	4.73E-07	2.65E-06
5438	488568.9	3858262.31	3.92E-03	3.83E-03	3.78E-03	1.36E-06	4.10E-06	2.37E-06	2.32E-06	2.10E-06	9.58E-07	9.45E-07	4.53E-08	1.10E-06	2.42E-07	3.14E-07	4.99E-07	8.79E-08	4.96E-07	2.78E-06

5439	488964.27	3858025.71	1.87E-03	1.82E-03	1.80E-03	6.47E-07	1.95E-06	1.13E-06	1.10E-06	1.00E-06	4.57E-07	4.50E-07	2.16E-08	5.22E-07	1.15E-07	1.50E-07	2.38E-07	4.19E-08	2.36E-07	1.32E-06
5440	489147.25	3857956.64	1.58E-03	1.54E-03	1.52E-03	5.47E-07	1.65E-06	9.55E-07	9.32E-07	8.45E-07	3.86E-07	3.81E-07	1.83E-08	4.41E-07	9.73E-08	1.27E-07	2.01E-07	3.54E-08	2.00E-07	1.12E-06
5441	489343.52	3857932.45	1.40E-03	1.37E-03	1.35E-03	4.86E-07	1.47E-06	8.50E-07	8.29E-07	7.52E-07	3.43E-07	3.39E-07	1.62E-08	3.92E-07	8.66E-08	1.13E-07	1.79E-07	3.15E-08	1.78E-07	9.95E-07
5442	489866.19	3857923.19	1.13E-03	1.11E-03	1.09E-03	3.92E-07	1.18E-06	6.86E-07	6.69E-07	6.07E-07	2.77E-07	2.73E-07	1.31E-08	3.16E-07	6.98E-08	9.09E-08	1.44E-07	2.54E-08	1.43E-07	8.03E-07
5443	489955.65	3857902.27	1.09E-03	1.06E-03	1.05E-03	3.76E-07	1.13E-06	6.57E-07	6.41E-07	5.81E-07	2.65E-07	2.62E-07	1.25E-08	3.03E-07	6.69E-08	8.70E-08	1.38E-07	2.43E-08	1.37E-07	7.69E-07
5444	490079.44	3857847.9	1.03E-03	1.00E-03	9.89E-04	3.56E-07	1.07E-06	6.22E-07	6.07E-07	5.50E-07	2.51E-07	2.48E-07	1.19E-08	2.87E-07	6.33E-08	8.24E-08	1.31E-07	2.30E-08	1.30E-07	7.28E-07
5445	490108.49	3857934.13	1.06E-03	1.03E-03	1.02E-03	3.65E-07	1.10E-06	6.39E-07	6.23E-07	5.65E-07	2.58E-07	2.54E-07	1.22E-08	2.95E-07	6.50E-08	8.46E-08	1.34E-07	2.37E-08	1.33E-07	7.48E-07
5446	489884.48	3858014.17	1.18E-03	1.15E-03	1.14E-03	4.09E-07	1.23E-06	7.14E-07	6.97E-07	6.32E-07	2.88E-07	2.84E-07	1.36E-08	3.30E-07	7.27E-08	9.46E-08	1.50E-07	2.65E-08	1.49E-07	8.36E-07
5447	489326.56	3858025.86	1.51E-03	1.47E-03	1.45E-03	5.22E-07	1.58E-06	9.13E-07	8.91E-07	8.08E-07	3.69E-07	3.64E-07	1.74E-08	4.21E-07	9.30E-08	1.21E-07	1.92E-07	3.38E-08	1.91E-07	1.07E-06
5448	489130.38	3858056.71	1.72E-03	1.68E-03	1.66E-03	5.95E-07	1.80E-06	1.04E-06	1.01E-06	9.20E-07	4.20E-07	4.14E-07	1.99E-08	4.80E-07	1.06E-07	1.38E-07	2.19E-07	3.85E-08	2.17E-07	1.22E-06
5449	488936.49	3858143.93	2.15E-03	2.10E-03	2.07E-03	7.44E-07	2.25E-06	1.30E-06	1.27E-06	1.15E-06	5.25E-07	5.18E-07	2.48E-08	6.00E-07	1.32E-07	1.72E-07	2.73E-07	4.82E-08	2.72E-07	1.52E-06
5450	488638.08	3858327.45	4.01E-03	3.91E-03	3.86E-03	1.39E-06	4.19E-06	2.43E-06	2.37E-06	2.15E-06	9.79E-07	9.66E-07	4.63E-08	1.12E-06	2.47E-07	3.21E-07	5.10E-07	8.98E-08	5.07E-07	2.84E-06
5451	488663.79	3858349.57	4.02E-03	3.92E-03	3.87E-03	1.39E-06	4.20E-06	2.43E-06	2.37E-06	2.15E-06	9.82E-07	9.69E-07	4.65E-08	1.12E-06	2.48E-07	3.22E-07	5.11E-07	9.01E-08	5.08E-07	2.85E-06
5452	488694.56	3858349.5	3.81E-03	3.72E-03	3.67E-03	1.32E-06	3.99E-06	2.31E-06	2.25E-06	2.04E-06	9.31E-07	9.19E-07	4.41E-08	1.06E-06	2.35E-07	3.06E-07	4.85E-07	8.55E-08	4.82E-07	2.70E-06
5453	488694.35	3858336.75	3.72E-03	3.63E-03	3.58E-03	1.29E-06	3.88E-06	2.25E-06	2.19E-06	1.99E-06	9.08E-07	8.95E-07	4.30E-08	1.04E-06	2.29E-07	2.98E-07	4.73E-07	8.33E-08	4.70E-07	2.63E-06
5454	488712.81	3858336.38	3.61E-03	3.52E-03	3.47E-03	1.25E-06	3.77E-06	2.18E-06	2.13E-06	1.93E-06	8.81E-07	8.69E-07	4.17E-08	1.01E-06	2.22E-07	2.89E-07	4.59E-07	8.09E-08	4.56E-07	2.56E-06
5455	488713.23	3858367.46	3.84E-03	3.75E-03	3.70E-03	1.33E-06	4.01E-06	2.32E-06	2.27E-06	2.06E-06	9.38E-07	9.25E-07	4.44E-08	1.07E-06	2.37E-07	3.08E-07	4.88E-07	8.61E-08	4.86E-07	2.72E-06
5456	488704.63	3858384.05	4.04E-03	3.94E-03	3.89E-03	1.40E-06	4.22E-06	2.45E-06	2.39E-06	2.16E-06	9.87E-07	9.74E-07	4.67E-08	1.13E-06	2.49E-07	3.24E-07	5.14E-07	9.06E-08	5.11E-07	2.86E-06
5457	488604.15	3858488.29	7.05E-03	6.88E-03	6.78E-03	2.44E-06	7.37E-06	4.26E-06	4.16E-06	3.77E-06	1.72E-06	1.70E-06	8.15E-08	1.97E-06	4.34E-07	5.65E-07	8.96E-07	1.58E-07	8.91E-07	4.99E-06
5458	488605.66	3858550.47	9.47E-03	9.24E-03	9.11E-03	3.28E-06	9.89E-06	5.73E-06	5.59E-06	5.07E-06	2.31E-06	2.28E-06	1.09E-07	2.64E-06	5.83E-07	7.59E-07	1.20E-06	2.12E-07	1.20E-06	6.71E-06
5459	488692.68	3858548.71	6.71E-03	6.55E-03	6.47E-03	2.32E-06	7.02E-06	4.06E-06	3.96E-06	3.59E-06	1.64E-06	1.62E-06	7.76E-08	1.87E-06	4.14E-07	5.38E-07	8.54E-07	1.50E-07	8.49E-07	4.76E-06
5460	488759.93	3858461.81	4.38E-03	4.27E-03	4.21E-03	1.51E-06	4.57E-06	2.65E-06	2.58E-06	2.34E-06	1.07E-06	1.05E-06	5.06E-08	1.22E-06	2.70E-07	3.51E-07	5.57E-07	9.81E-08	5.53E-07	3.10E-06
5461	488816.57	3858541.79	4.81E-03	4.69E-03	4.63E-03	1.66E-06	5.02E-06	2.91E-06	2.84E-06	2.57E-06	1.17E-06	1.16E-06	5.55E-08	1.34E-06	2.96E-07	3.85E-07	6.11E-07	1.08E-07	6.08E-07	3.41E-06
5462	488944.63	3858656.77	5.11E-03	4.98E-03	4.92E-03	1.77E-06	5.34E-06	3.09E-06	3.01E-06	2.73E-06	1.25E-06	1.23E-06	5.90E-08	1.43E-06	3.15E-07	4.09E-07	6.49E-07	1.14E-07	6.46E-07	3.62E-06
5463	489134.91	3858830.7	6.14E-03	5.99E-03	5.91E-03	2.13E-06	6.42E-06	3.72E-06	3.63E-06	3.29E-06	1.50E-06	1.48E-06	7.10E-08	1.71E-06	3.78E-07	4.92E-07	7.81E-07	1.38E-07	7.77E-07	4.35E-06
5464	489193.99	3858886.05	6.61E-03	6.45E-03	6.37E-03	2.29E-06	6.91E-06	4.00E-06	3.90E-06	3.54E-06	1.62E-06	1.59E-06	7.64E-08	1.85E-06	4.07E-07	5.30E-07	8.41E-07	1.48E-07	8.36E-07	4.69E-06
5465	489295.2	3858954.34	6.80E-03	6.64E-03	6.55E-03	2.35E-06	7.11E-06	4.12E-06	4.02E-06	3.64E-06	1.66E-06	1.64E-06	7.86E-08	1.90E-06	4.19E-07	5.45E-07	8.65E-07	1.52E-07	8.60E-07	4.82E-06
5466	489295.64	3858992.74	8.10E-03	7.90E-03	7.80E-03	2.80E-06	8.47E-06	4.90E-06	4.78E-06	4.34E-06	1.98E-06	1.95E-06	9.36E-08	2.26E-06	4.99E-07	6.49E-07	1.03E-06	1.82E-07	1.02E-06	5.74E-06
5467	489183.74	3858911.72	7.60E-03	7.42E-03	7.32E-03	2.63E-06	7.95E-06	4.60E-06	4.49E-06	4.07E-06	1.86E-06	1.83E-06	8.79E-08	2.12E-06	4.68E-07	6.09E-07	9.67E-07	1.70E-07	9.61E-07	5.39E-06
5468	488873.37	3858625.59	5.41E-03	5.28E-03	5.21E-03	1.87E-06	5.65E-06	3.27E-06	3.19E-06	2.89E-06	1.32E-06	1.30E-06	6.25E-08	1.51E-06	3.33E-07	4.33E-07	6.88E-07	1.21E-07	6.84E-07	3.83E-06
5469	488842.84	3858658.69	6.54E-03	6.38E-03	6.30E-03	2.26E-06	6.84E-06	3.96E-06	3.86E-06	3.50E-06	1.60E-06	1.58E-06	7.56E-08	1.83E-06	4.03E-07	5.25E-07	8.32E-07	1.47E-07	8.27E-07	4.64E-06
5470	488856.39	3858670.93	6.60E-03	6.44E-03	6.35E-03	2.28E-06	6.89E-06	3.99E-06	3.89E-06	3.53E-06	1.61E-06	1.59E-06	7.62E-08	1.84E-06	4.06E-07	5.29E-07	8.39E-07	1.48E-07	8.34E-07	4.67E-06
5471	488805.7	3858724.5	1.02E-02	9.95E-03	9.82E-03	3.53E-06	1.07E-05	6.17E-06	6.02E-06	5.46E-06	2.49E-06	2.46E-06	1.18E-07	2.85E-06	6.29E-07	8.18E-07	1.30E-06	2.29E-07	1.29E-06	7.23E-06
5472	488805.87	3858804.16	2.06E-02	2.01E-02	1.98E-02	7.13E-06	2.15E-05	1.25E-05	1.22E-05	1.10E-05	5.03E-06	4.96E-06	2.38E-07	5.75E-06	1.27E-06	1.65E-06	2.62E-06	4.62E-07	2.60E-06	1.46E-05
5473	488995.78	3858936.96	2.23E-02	2.18E-02	2.15E-02	7.73E-06	2.34E-05	1.35E-05	1.32E-05	1.20E-05	5.46E-06	5.38E-06	2.58E-07	6.24E-06	1.38E-06	1.79E-06	2.84E-06	5.01E-07	2.83E-06	1.58E-05
5474	489130.76	3859017.38	2.06E-02	2.01E-02	1.99E-02	7.14E-06	2.16E-05	1.25E-05	1.22E-05	1.10E-05	5.04E-06	4.97E-06	2.38E-07	5.76E-06	1.27E-06	1.65E-06	2.62E-06	4.62E-07	2.61E-06	1.46E-05
5475	489130.92	3859052.24	3.22E-02	3.14E-02	3.10E-02	1.11E-05	3.36E-05	1.95E-05	1.90E-05	1.72E-05	7.86E-06	7.75E-06	3.72E-07	8.98E-06	1.98E-06	2.58E-06	4.09E-06	7.21E-07	4.07E-06	2.28E-05
5476	489200.33	3859090.6	3.05E-02	2.97E-02	2.93E-02	1.05E-05	3.18E-05	1.84E-05	1.80E-05	1.63E-05	7.44E-06	7.34E-06	3.52E-07	8.51E-06	1.88E-06	2.44E-06	3.87E-06	6.83E-07	3.85E-06	2.16E-05
5477	489296.07	3859143.7	2.99E-02	2.92E-02	2.88E-02	1.04E-05	3.13E-05	1.81E-05	1.77E-05	1.60E-05	7.30E-06	7.21E-06	3.46E-07	8.35E-06	1.84E-06	2.40E-06	3.80E-06	6.70E-07	3.78E-06	2.12E-05
5478	489296.43	3858954.74	6.79E-03	6.63E-03	6.54E-03	2.35E-06	7.10E-06	4.11E-06	4.01E-06	3.64E-06	1.66E-06	1.64E-06	7.85E-08	1.90E-06	4.18E-07	5.44E-07	8.64E-07	1.52E-07	8.59E-07	4.81E-06
5479	489410.33	3859033.19	7.15E-03	6.98E-03	6.89E-03	2.48E-06	7.47E-06	4.33E-06	4.22E-06	3.83E-06	1.75E-06	1.72E-06	8.27E-08	2.00E-06	4.41E-07	5.73E-07	9.09E-07	1.60E-07	9.04E-07	5.07E-06
5480	489371.37	3859089.8	1.11E-02	1.09E-02	1.07E-02	3.86E-06	1.17E-05	6.74E-06	6.58E-06	5.97E-06	2.72E-06	2.69E-06	1.29E-07	3.11E-06	6.87E-07	8.94E-07	1.42E-06	2.50E-07	1.41E-06	7.90E-06
5481	489390.52	3859102.82	1.13E-02	1.11E-02	1.09E-02	3.92E-06	1.18E-05	6.86E-06	6.69E-06	6.07E-06	2.77E-06	2.73E-06	1.31E-07	3.16E-06	6.98E-07	9.08E-07	1.44E-06	2.54E-07	1.43E-06	8.03E-06
5482	489382.3	3859114.53	1.28E-02	1.25E-02	1.23E-02	4.44E-06	1.34E-05	7.76E-06	7.57E-06	6.86E-06	3.13E-06	3.09E-06	1.48E-07	3.58E-06	7.90E-07	1.03E-06	1.63E-06	2.87E-07	1.62E-06	9.09E-06
5483	489363.04	3859102.45	1.27E-02	1.24E-02	1.22E-02	4.39E-06	1.33E-05	7.68E-06	7.49E-06	6.79E-06	3.10E-06	3.06E-06	1.47E-07	3.54E-06	7.82E-07	1.02E-06	1.61E-06	2.84E-07	1.61E-06	8.99E-06
5484	489337.52	3859140.71	2.12E-02	2.07E-02	2.04E-02	7.33E-06	2.21E-05	1.28E-05	1.25E-05	1.13E-05	5.17E-06	5.10E-06	2.45E-07	5.91E-06	1.30E-06	1.70E-06	2.69E-06	4.75E-07	2.68E-06	1.50E-05
5485	489375.14	3859164.55	2.19E-02	2.14E-02	2.11E-02	7.59E-06	2.29E-05	1.33E-05	1.29E-05	1.17E-05	5.35E-06	5.28E-06	2.53E-07	6.12E-06	1.35E-06	1.76E-06	2.79E-06	4.91E-07	2.77E-06	1.55E-05
5486	489409.3	3859114.5	1.14E-02	1.12E-02	1.10E-02	3.96E-06	1.19E-05	6.92E-06	6.75E-06	6.12E-06	2.79E-06	2.75E-06	1.32E-07	3.19E-06	7.04E-07	9.16E-07	1.45E-06	2.56E-07	1.45E-06	8.10E-06
5487	489434.87	3859131.81	1.17E-02	1.14E-02	1.12E-02	4.04E-06	1.22E-05	7.07E-06	6.90E-06	6.25E-06	2.85E-06	2.81E-06	1.35E-07	3.26E-06	7.20E-07	9.36E-07	1.49E-06	2.62E-07	1.48E-06	8.28E-06
5488	489471.87	3859075.75	7.42E-03	7.24E-03	7.14E-03	2.57E-06	7.75E-06	4.49E-06	4.38E-06	3.97E-06	1.81E-06	1.79E-06	8.58E-08	2.07E-06	4.57E-07	5.95E-07	9.44E-07	1.66E-07	9.38E-07	5.26E-06
5489	489602.62	3859164.69	8.03E-03	7.84E-03	7.73E-03	2.78E-06	8.40E-06	4.86E-06	4.74E-06	4.30E-06	1.96E-06	1.94E-06	9.29E-08	2.24E-06	4.95E-07	6.44E-07	1.02E-06	1.80E-07	1.02E-06	5.69E-06
5490	489558.29	3859232.45	1.51E-02	1.47E-02	1.45E-02	5.22E-06	1.58E-05	9.12E-06	8.90E-06	8.07E-06	3.68E-06	3.63E-06	1.74E-07	4.21E-06	9.29E-07	1.21E-06	1.92E-06	3.38E-07	1.91E-06	1.07E-05
5491	489620.11	3859273.56	1.61E-02	1.57E-02	1.55E-02	5.57E-06	1.68E-05	9.74E-06	9.50E-06	8.62E-06	3.93E-06	3.88E-06	1.86E-07	4.49E-06	9.92E-07	1.29E-06	2.05E-06	3.61E-07	2.04E-06	1.14E-05
5492	489666.06	3859206.42	8.32E-03	8.12E-03	8.01E-03	2.88E-06	8.70E-06	5.04E-06	4.91E-06	4.45E-06	2.03E-06	2.01E-06	9.62E-08	2.32E-06	5.13E-07	6.67E-07	1.06E-06	1.87E-07	1.05E-06	5.90E-06
5493	489787.9	3859285.65	8.92E-03	8.70E-03	8.59E-03	3.09E-06	9.32E-06	5.40E-06	5.27E-06	4.77E-06	2.18E-06	2.15E-06	1.03E-07	2.49E-06	5.50E-07	7.15E-07	1.13E-06	2.00E-07	1.13E-06	6.32E-06

5494	489752.17	3859343.13	1.57E-02	1.53E-02	1.51E-02	5.42E-06	1.64E-05	9.48E-06	9.25E-06	8.38E-06	3.82E-06	3.77E-06	1.81E-07	4.37E-06	9.65E-07	1.26E-06	1.99E-06	3.51E-07	1.98E-06	1.11E-05
5495	489814.94	3859385.33	1.69E-02	1.65E-02	1.63E-02	5.84E-06	1.76E-05	1.02E-05	9.96E-06	9.03E-06	4.12E-06	4.07E-06	1.95E-07	4.71E-06	1.04E-06	1.35E-06	2.15E-06	3.78E-07	2.13E-06	1.20E-05
5496	489853.42	3859330.74	9.42E-03	9.19E-03	9.07E-03	3.26E-06	9.85E-06	5.70E-06	5.56E-06	5.04E-06	2.30E-06	2.27E-06	1.09E-07	2.63E-06	5.81E-07	7.55E-07	1.20E-06	2.11E-07	1.19E-06	6.68E-06
5497	489969.5	3859401.91	9.89E-03	9.65E-03	9.53E-03	3.42E-06	1.03E-05	5.99E-06	5.84E-06	5.30E-06	2.42E-06	2.38E-06	1.14E-07	2.76E-06	6.10E-07	7.93E-07	1.26E-06	2.22E-07	1.25E-06	7.01E-06
5498	490166.91	3859486.96	9.00E-03	8.79E-03	8.67E-03	3.12E-06	9.41E-06	5.45E-06	5.32E-06	4.82E-06	2.20E-06	2.17E-06	1.04E-07	2.51E-06	5.55E-07	7.22E-07	1.15E-06	2.02E-07	1.14E-06	6.38E-06
5499	490128.86	3859571.46	2.25E-02	2.19E-02	2.17E-02	7.78E-06	2.35E-05	1.36E-05	1.33E-05	1.20E-05	5.49E-06	5.42E-06	2.60E-07	6.28E-06	1.39E-06	1.80E-06	2.86E-06	5.04E-07	2.84E-06	1.59E-05
5500	490186.65	3859593.65	2.27E-02	2.22E-02	2.19E-02	7.87E-06	2.38E-05	1.38E-05	1.34E-05	1.22E-05	5.55E-06	5.48E-06	2.63E-07	6.35E-06	1.40E-06	1.82E-06	2.89E-06	5.10E-07	2.88E-06	1.61E-05
5501	490223.74	3859517.48	9.36E-03	9.13E-03	9.01E-03	3.24E-06	9.78E-06	5.66E-06	5.52E-06	5.01E-06	2.28E-06	2.25E-06	1.08E-07	2.61E-06	5.76E-07	7.50E-07	1.19E-06	2.10E-07	1.18E-06	6.63E-06
5502	490846.34	3859817.22	1.40E-02	1.36E-02	1.35E-02	4.84E-06	1.46E-05	8.45E-06	8.25E-06	7.48E-06	3.41E-06	3.37E-06	1.61E-07	3.90E-06	8.61E-07	1.12E-06	1.78E-06	3.13E-07	1.77E-06	9.90E-06
5503	490925.65	3859844.59	1.29E-02	1.26E-02	1.24E-02	4.47E-06	1.35E-05	7.81E-06	7.62E-06	6.91E-06	3.15E-06	3.11E-06	1.49E-07	3.60E-06	7.95E-07	1.03E-06	1.64E-06	2.89E-07	1.63E-06	9.15E-06
5504	491159.29	3859896.28	8.83E-03	8.62E-03	8.50E-03	3.06E-06	9.23E-06	5.34E-06	5.21E-06	4.73E-06	2.16E-06	2.13E-06	1.02E-07	2.47E-06	5.44E-07	7.08E-07	1.12E-06	1.98E-07	1.12E-06	6.26E-06
5505	491370.69	3859960.89	6.72E-03	6.55E-03	6.47E-03	2.32E-06	7.02E-06	4.06E-06	3.97E-06	3.59E-06	1.64E-06	1.62E-06	7.76E-08	1.88E-06	4.14E-07	5.38E-07	8.54E-07	1.51E-07	8.49E-07	4.76E-06
5506	491330.28	3860063.17	1.24E-02	1.21E-02	1.20E-02	4.30E-06	1.30E-05	7.52E-06	7.34E-06	6.65E-06	3.03E-06	2.99E-06	1.44E-07	3.47E-06	7.65E-07	9.96E-07	1.58E-06	2.78E-07	1.57E-06	8.80E-06
5507	491636.45	3860180.75	6.81E-03	6.65E-03	6.56E-03	2.36E-06	7.12E-06	4.12E-06	4.02E-06	3.65E-06	1.66E-06	1.64E-06	7.88E-08	1.90E-06	4.20E-07	5.46E-07	8.67E-07	1.53E-07	8.62E-07	4.83E-06
5508	491617.94	3860203.93	7.89E-03	7.70E-03	7.60E-03	2.73E-06	8.25E-06	4.78E-06	4.66E-06	4.22E-06	1.93E-06	1.90E-06	9.12E-08	2.20E-06	4.86E-07	6.33E-07	1.00E-06	1.77E-07	9.98E-07	5.59E-06
5509	491805.68	3860271.59	5.93E-03	5.78E-03	5.71E-03	2.05E-06	6.20E-06	3.59E-06	3.50E-06	3.17E-06	1.45E-06	1.43E-06	6.85E-08	1.66E-06	3.65E-07	4.75E-07	7.54E-07	1.33E-07	7.50E-07	4.20E-06
5510	491654.23	3860414.02	3.15E-02	3.08E-02	3.03E-02	1.09E-05	3.29E-05	1.91E-05	1.86E-05	1.69E-05	7.70E-06	7.59E-06	3.64E-07	8.80E-06	1.94E-06	2.53E-06	4.01E-06	7.06E-07	3.99E-06	2.23E-05
5511	491592.62	3860510.76	5.66E-03	5.52E-03	5.45E-03	1.96E-06	5.91E-06	3.42E-06	3.34E-06	3.03E-06	1.38E-06	1.36E-06	6.54E-08	1.58E-06	3.48E-07	4.53E-07	7.19E-07	1.27E-07	7.15E-07	4.01E-06
5512	491475.41	3860368.93	9.47E-03	9.24E-03	9.12E-03	3.28E-06	9.90E-06	5.73E-06	5.59E-06	5.07E-06	2.31E-06	2.28E-06	1.09E-07	2.64E-06	5.84E-07	7.59E-07	1.20E-06	2.12E-07	1.20E-06	6.71E-06
5513	491445.61	3860337.28	1.06E-02	1.03E-02	1.02E-02	3.67E-06	1.11E-05	6.41E-06	6.26E-06	5.67E-06	2.59E-06	2.55E-06	1.23E-07	2.96E-06	6.53E-07	8.50E-07	1.35E-06	2.38E-07	1.34E-06	7.51E-06
5514	491399.05	3860300.37	1.09E-02	1.06E-02	1.05E-02	3.78E-06	1.14E-05	6.60E-06	6.44E-06	5.84E-06	2.67E-06	2.63E-06	1.26E-07	3.05E-06	6.72E-07	8.75E-07	1.39E-06	2.45E-07	1.38E-06	7.73E-06
5515	491228.84	3860235.98	5.48E-03	5.35E-03	5.28E-03	1.90E-06	5.73E-06	3.32E-06	3.24E-06	2.94E-06	1.34E-06	1.32E-06	6.34E-08	1.53E-06	3.38E-07	4.40E-07	6.97E-07	1.23E-07	6.94E-07	3.89E-06
5516	491228.47	3860174.57	1.06E-02	1.03E-02	1.02E-02	3.67E-06	1.11E-05	6.42E-06	6.26E-06	5.68E-06	2.59E-06	2.56E-06	1.23E-07	2.96E-06	6.53E-07	8.50E-07	1.35E-06	2.38E-07	1.34E-06	7.51E-06
5517	491145.77	3860112.55	1.06E-02	1.03E-02	1.02E-02	3.67E-06	1.11E-05	6.41E-06	6.26E-06	5.67E-06	2.59E-06	2.55E-06	1.22E-07	2.96E-06	6.53E-07	8.49E-07	1.35E-06	2.37E-07	1.34E-06	7.51E-06
5518	490844.41	3859966.22	9.29E-03	9.07E-03	8.94E-03	3.22E-06	9.71E-06	5.62E-06	5.49E-06	4.97E-06	2.27E-06	2.24E-06	1.07E-07	2.59E-06	5.72E-07	7.45E-07	1.18E-06	2.08E-07	1.17E-06	6.58E-06
5519	490845.55	3859928.15	2.00E-02	1.95E-02	1.93E-02	6.93E-06	2.09E-05	1.21E-05	1.18E-05	1.07E-05	4.89E-06	4.82E-06	2.31E-07	5.59E-06	1.23E-06	1.60E-06	2.55E-06	4.49E-07	2.53E-06	1.42E-05
5520	490046.91	3859625.6	1.42E-02	1.39E-02	1.37E-02	4.92E-06	1.49E-05	8.60E-06	8.39E-06	7.61E-06	3.47E-06	3.43E-06	1.64E-07	3.97E-06	8.76E-07	1.14E-06	1.81E-06	3.19E-07	1.80E-06	1.01E-05
5521	489970.48	3859589.4	1.47E-02	1.43E-02	1.41E-02	5.08E-06	1.53E-05	8.88E-06	8.66E-06	7.85E-06	3.58E-06	3.54E-06	1.70E-07	4.10E-06	9.04E-07	1.18E-06	1.87E-06	3.29E-07	1.86E-06	1.04E-05
5522	489865.89	3859529.06	1.59E-02	1.55E-02	1.53E-02	5.50E-06	1.66E-05	9.62E-06	9.38E-06	8.51E-06	3.88E-06	3.83E-06	1.84E-07	4.44E-06	9.79E-07	1.27E-06	2.02E-06	3.56E-07	2.01E-06	1.13E-05
5523	489826.89	3859531.74	1.03E-02	1.00E-02	9.91E-03	3.56E-06	1.08E-05	6.23E-06	6.08E-06	5.51E-06	2.51E-06	2.48E-06	1.19E-07	2.87E-06	6.34E-07	8.25E-07	1.31E-06	2.31E-07	1.30E-06	7.29E-06
5524	489410.47	3859303.06	9.93E-03	9.69E-03	9.56E-03	3.44E-06	1.04E-05	6.01E-06	5.86E-06	5.31E-06	2.42E-06	2.39E-06	1.15E-07	2.77E-06	6.12E-07	7.96E-07	1.26E-06	2.23E-07	1.26E-06	7.04E-06
5525	489407.15	3859286.09	1.27E-02	1.24E-02	1.23E-02	4.41E-06	1.33E-05	7.71E-06	7.52E-06	6.82E-06	3.11E-06	3.07E-06	1.47E-07	3.56E-06	7.85E-07	1.02E-06	1.62E-06	2.85E-07	1.61E-06	9.03E-06
5526	488806.07	3858963.62	8.42E-03	8.22E-03	8.11E-03	2.91E-06	8.80E-06	5.09E-06	4.97E-06	4.51E-06	2.06E-06	2.03E-06	9.73E-08	2.35E-06	5.19E-07	6.75E-07	1.07E-06	1.89E-07	1.06E-06	5.97E-06
5527	488817.64	3859546.3	9.68E-04	9.45E-04	9.32E-04	3.35E-07	1.01E-06	5.86E-07	5.72E-07	5.18E-07	2.36E-07	2.33E-07	1.12E-08	2.70E-07	5.97E-08	7.76E-08	1.23E-07	2.17E-08	1.22E-07	6.86E-07
5528	489187.25	3859549.52	1.39E-03	1.36E-03	1.34E-03	4.81E-07	1.45E-06	8.41E-07	8.21E-07	7.44E-07	3.40E-07	3.35E-07	1.61E-08	3.88E-07	8.57E-08	1.11E-07	1.77E-07	3.12E-08	1.76E-07	9.85E-07
5529	489187.66	3859523.74	1.47E-03	1.44E-03	1.42E-03	5.10E-07	1.54E-06	8.92E-07	8.71E-07	7.89E-07	3.60E-07	3.55E-07	1.70E-08	4.12E-07	9.08E-08	1.18E-07	1.88E-07	3.30E-08	1.86E-07	1.04E-06
5530	489232.59	3859522.85	1.57E-03	1.54E-03	1.52E-03	5.45E-07	1.65E-06	9.52E-07	9.29E-07	8.42E-07	3.84E-07	3.79E-07	1.82E-08	4.40E-07	9.70E-08	1.26E-07	2.00E-07	3.53E-08	1.99E-07	1.12E-06
5531	489224.98	3859759.91	9.94E-04	9.70E-04	9.57E-04	3.44E-07	1.04E-06	6.01E-07	5.87E-07	5.32E-07	2.43E-07	2.39E-07	1.15E-08	2.77E-07	6.12E-08	7.97E-08	1.26E-07	2.23E-08	1.26E-07	7.04E-07
5532	488401.39	3859763.34	6.03E-04	5.88E-04	5.80E-04	2.09E-07	6.30E-07	3.65E-07	3.56E-07	3.23E-07	1.47E-07	1.45E-07	6.97E-09	1.68E-07	3.71E-08	4.83E-08	7.67E-08	1.35E-08	7.62E-08	4.27E-07
5533	488405.51	3859966.16	5.36E-04	5.23E-04	5.16E-04	1.85E-07	5.60E-07	3.24E-07	3.16E-07	2.87E-07	1.31E-07	1.29E-07	6.19E-09	1.50E-07	3.30E-08	4.29E-08	6.81E-08	1.20E-08	6.77E-08	3.80E-07
5534	489202.85	3859956.57	7.70E-04	7.51E-04	7.41E-04	2.67E-07	8.05E-07	4.66E-07	4.55E-07	4.12E-07	1.88E-07	1.86E-07	8.90E-09	2.15E-07	4.74E-08	6.17E-08	9.79E-08	1.73E-08	9.74E-08	5.46E-07
5535	489191.9	3860676.74	4.51E-04	4.40E-04	4.35E-04	1.56E-07	4.72E-07	2.73E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.22E-09	1.26E-07	2.78E-08	3.62E-08	5.74E-08	1.01E-08	5.71E-08	3.20E-07
5536	488392.82	3860687.88	3.70E-04	3.61E-04	3.56E-04	1.28E-07	3.87E-07	2.24E-07	2.19E-07	1.98E-07	9.04E-08	8.92E-08	4.28E-09	1.03E-07	2.28E-08	2.97E-08	4.71E-08	8.29E-09	4.68E-08	2.62E-07
5537	488392.82	3860760.27	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
5538	487549.05	3860777.45	3.03E-04	2.96E-04	2.92E-04	1.05E-07	3.17E-07	1.84E-07	1.79E-07	1.62E-07	7.41E-08	7.31E-08	3.51E-09	8.47E-08	1.87E-08	2.43E-08	3.86E-08	6.80E-09	3.84E-08	2.15E-07
5539	487554.62	3859571.83	4.95E-04	4.83E-04	4.76E-04	1.71E-07	5.17E-07	2.99E-07	2.92E-07	2.65E-07	1.21E-07	1.19E-07	5.72E-09	1.38E-07	3.05E-08	3.96E-08	6.29E-08	1.11E-08	6.25E-08	3.50E-07
5540	485949.46	3859558.54	3.39E-04	3.31E-04	3.27E-04	1.17E-07	3.55E-07	2.05E-07	2.00E-07	1.82E-07	8.29E-08	8.18E-08	3.92E-09	9.48E-08	2.09E-08	2.72E-08	4.32E-08	7.61E-09	4.29E-08	2.40E-07
5541	485947.55	3857943.61	7.23E-04	7.06E-04	6.96E-04	2.50E-07	7.56E-07	4.38E-07	4.27E-07	3.87E-07	1.77E-07	1.74E-07	8.36E-09	2.02E-07	4.46E-08	5.80E-08	9.20E-08	1.62E-08	9.15E-08	5.12E-07
5542	484738.38	3857940.21	4.18E-04	4.08E-04	4.02E-04	1.45E-07	4.37E-07	2.53E-07	2.47E-07	2.24E-07	1.02E-07	1.01E-07	4.83E-09	1.17E-07	2.57E-08	3.35E-08	5.31E-08	9.36E-09	5.28E-08	2.96E-07
5543	484737.06	3857535.68	4.98E-04	4.86E-04	4.80E-04	1.72E-07	5.21E-07	3.01E-07	2.94E-07	2.67E-07	1.22E-07	1.20E-07	5.76E-09	1.39E-07	3.07E-08	3.99E-08	6.34E-08	1.12E-08	6.30E-08	3.53E-07
5544	483730.2	3857530.13	3.64E-04	3.55E-04	3.50E-04	1.26E-07	3.80E-07	2.20E-07	2.15E-07	1.95E-07	8.89E-08	8.77E-08	4.21E-09	1.02E-07	2.24E-08	2.92E-08	4.63E-08	8.15E-09	4.60E-08	2.58E-07
5545	483727.27	3857130.01	4.13E-04	4.03E-04	3.97E-04	1.43E-07	4.31E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.95E-08	4.77E-09	1.15E-07	2.54E-08	3.31E-08	5.25E-08	9.25E-09	5.22E-08	2.93E-07
5546	483124.42	3857123.45	3.55E-04	3.47E-04	3.42E-04	1.23E-07	3.71E-07	2.15E-07	2.10E-07	1.90E-07	8.67E-08	8.56E-08	4.11E-09	9.92E-08	2.19E-08	2.85E-08	4.52E-08	7.96E-09	4.49E-08	2.52E-07
5547	483111.13	3855921.03	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.32E-09	1.53E-07	3.37E-08	4.38E-08	6.95E-08	1.23E-08	6.92E-08	3.87E-07
5548	482701.73	3855918.24	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07

5549	482668.02	3853521.78	4.39E-03	4.29E-03	4.23E-03	1.52E-06	4.59E-06	2.66E-06	2.59E-06	2.35E-06	1.07E-06	1.06E-06	5.08E-08	1.23E-06	2.71E-07	3.52E-07	5.59E-07	9.85E-08	5.56E-07	3.11E-06
5550	482579.91	3853219.19	5.67E-03	5.53E-03	5.46E-03	1.96E-06	5.92E-06	3.43E-06	3.35E-06	3.03E-06	1.38E-06	1.37E-06	6.55E-08	1.58E-06	3.49E-07	4.54E-07	7.21E-07	1.27E-07	7.17E-07	4.02E-06
5551	482434.06	3852961.94	8.05E-03	7.85E-03	7.75E-03	2.79E-06	8.41E-06	4.87E-06	4.75E-06	4.31E-06	1.97E-06	1.94E-06	9.30E-08	2.25E-06	4.96E-07	6.45E-07	1.02E-06	1.80E-07	1.02E-06	5.70E-06
5552	482332.11	3852832.85	1.05E-02	1.02E-02	1.01E-02	3.62E-06	1.09E-05	6.33E-06	6.17E-06	5.60E-06	2.55E-06	2.52E-06	1.21E-07	2.92E-06	6.44E-07	8.38E-07	1.33E-06	2.34E-07	1.32E-06	7.41E-06
5553	481334.99	3851818.96	8.61E-03	8.40E-03	8.29E-03	2.98E-06	9.00E-06	5.21E-06	5.08E-06	4.61E-06	2.10E-06	2.07E-06	9.95E-08	2.40E-06	5.30E-07	6.90E-07	1.09E-06	1.93E-07	1.09E-06	6.10E-06
5554	481127.62	3851646.36	7.36E-03	7.18E-03	7.08E-03	2.55E-06	7.69E-06	4.45E-06	4.34E-06	3.94E-06	1.80E-06	1.77E-06	8.51E-08	2.05E-06	4.53E-07	5.90E-07	9.36E-07	1.65E-07	9.31E-07	5.21E-06
5555	481025.04	3851591.73	6.69E-03	6.53E-03	6.45E-03	2.32E-06	7.00E-06	4.05E-06	3.95E-06	3.58E-06	1.63E-06	1.61E-06	7.74E-08	1.87E-06	4.12E-07	5.37E-07	8.51E-07	1.50E-07	8.47E-07	4.74E-06
5556	480513.6	3851335.76	6.93E-03	6.76E-03	6.67E-03	2.40E-06	7.24E-06	4.19E-06	4.09E-06	3.71E-06	1.69E-06	1.67E-06	8.01E-08	1.93E-06	4.27E-07	5.55E-07	8.81E-07	1.55E-07	8.76E-07	4.91E-06
5557	480523.56	3851317.66	9.38E-03	9.16E-03	9.04E-03	3.25E-06	9.81E-06	5.68E-06	5.54E-06	5.02E-06	2.29E-06	2.26E-06	1.08E-07	2.62E-06	5.78E-07	7.52E-07	1.19E-06	2.10E-07	1.19E-06	6.65E-06
5558	476921.56	3849569.11	8.21E-03	8.01E-03	7.90E-03	2.84E-06	8.58E-06	4.96E-06	4.84E-06	4.39E-06	2.00E-06	1.98E-06	9.48E-08	2.29E-06	5.06E-07	6.58E-07	1.04E-06	1.84E-07	1.04E-06	5.81E-06
5559	476521.19	3849373.96	9.85E-03	9.61E-03	9.48E-03	3.41E-06	1.03E-05	5.96E-06	5.81E-06	5.27E-06	2.41E-06	2.37E-06	1.14E-07	2.75E-06	6.07E-07	7.89E-07	1.25E-06	2.21E-07	1.25E-06	6.98E-06
5560	476391.45	3849333.38	1.05E-02	1.03E-02	1.02E-02	3.65E-06	1.10E-05	6.38E-06	6.23E-06	5.64E-06	2.58E-06	2.54E-06	1.22E-07	2.94E-06	6.50E-07	8.45E-07	1.34E-06	2.36E-07	1.33E-06	7.47E-06
5561	476219.41	3849304.29	9.22E-03	9.00E-03	8.88E-03	3.19E-06	9.64E-06	5.58E-06	5.44E-06	4.93E-06	2.25E-06	2.22E-06	1.07E-07	2.57E-06	5.68E-07	7.39E-07	1.17E-06	2.07E-07	1.17E-06	6.53E-06
5562	475679.11	3849218.47	7.47E-03	7.28E-03	7.19E-03	2.58E-06	7.80E-06	4.52E-06	4.41E-06	4.00E-06	1.82E-06	1.80E-06	8.63E-08	2.08E-06	4.60E-07	5.98E-07	9.49E-07	1.67E-07	9.44E-07	5.29E-06
5563	475677.71	3849233.88	5.98E-03	5.84E-03	5.76E-03	2.07E-06	6.25E-06	3.62E-06	3.53E-06	3.20E-06	1.46E-06	1.44E-06	6.91E-08	1.67E-06	3.68E-07	4.79E-07	7.61E-07	1.34E-07	7.56E-07	4.24E-06
5564	475492.74	3849204.66	4.18E-03	4.08E-03	4.02E-03	1.45E-06	4.37E-06	2.53E-06	2.47E-06	2.24E-06	1.02E-06	1.01E-06	4.83E-08	1.17E-06	2.57E-07	3.35E-07	5.31E-07	9.36E-08	5.28E-07	2.96E-06
5565	475497.64	3849158.75	9.83E-03	9.59E-03	9.46E-03	3.40E-06	1.03E-05	5.95E-06	5.80E-06	5.26E-06	2.40E-06	2.37E-06	1.14E-07	2.74E-06	6.06E-07	7.88E-07	1.25E-06	2.20E-07	1.24E-06	6.96E-06
5566	475391.35	3849141.94	7.50E-03	7.32E-03	7.22E-03	2.59E-06	7.84E-06	4.54E-06	4.43E-06	4.01E-06	1.83E-06	1.81E-06	8.67E-08	2.09E-06	4.62E-07	6.01E-07	9.53E-07	1.68E-07	9.48E-07	5.31E-06
5567	475277	3849095.47	7.23E-03	7.06E-03	6.97E-03	2.50E-06	7.56E-06	4.38E-06	4.27E-06	3.87E-06	1.77E-06	1.74E-06	8.36E-08	2.02E-06	4.46E-07	5.80E-07	9.20E-07	1.62E-07	9.15E-07	5.13E-06
5568	475183.93	3849025.66	9.45E-03	9.22E-03	9.10E-03	3.27E-06	9.88E-06	5.72E-06	5.58E-06	5.06E-06	2.31E-06	2.28E-06	1.09E-07	2.64E-06	5.82E-07	7.58E-07	1.20E-06	2.12E-07	1.20E-06	6.70E-06
5569	474453.23	3848378.77	1.35E-02	1.32E-02	1.30E-02	4.67E-06	1.41E-05	8.16E-06	7.97E-06	7.22E-06	3.30E-06	3.25E-06	1.56E-07	3.77E-06	8.31E-07	1.08E-06	1.72E-06	3.02E-07	1.71E-06	9.56E-06
5570	474569.63	3848399.34	2.91E-02	2.84E-02	2.80E-02	1.01E-05	3.04E-05	1.76E-05	1.72E-05	1.56E-05	7.10E-06	7.00E-06	3.36E-07	8.11E-06	1.79E-06	2.33E-06	3.69E-06	6.51E-07	3.67E-06	2.06E-05
5571	474644.33	3848464.52	2.95E-02	2.88E-02	2.84E-02	1.02E-05	3.08E-05	1.78E-05	1.74E-05	1.58E-05	7.20E-06	7.10E-06	3.41E-07	8.23E-06	1.82E-06	2.36E-06	3.75E-06	6.60E-07	3.73E-06	2.09E-05
5572	474719.04	3848529.7	3.01E-02	2.93E-02	2.89E-02	1.04E-05	3.14E-05	1.82E-05	1.78E-05	1.61E-05	7.34E-06	7.25E-06	3.48E-07	8.39E-06	1.85E-06	2.41E-06	3.82E-06	6.74E-07	3.80E-06	2.13E-05
5573	474793.74	3848594.88	3.06E-02	2.99E-02	2.95E-02	1.06E-05	3.20E-05	1.85E-05	1.81E-05	1.64E-05	7.47E-06	7.37E-06	3.54E-07	8.54E-06	1.89E-06	2.45E-06	3.89E-06	6.86E-07	3.87E-06	2.17E-05
5574	474868.45	3848660.07	3.08E-02	3.00E-02	2.96E-02	1.06E-05	3.22E-05	1.86E-05	1.82E-05	1.65E-05	7.51E-06	7.41E-06	3.56E-07	8.59E-06	1.90E-06	2.47E-06	3.91E-06	6.90E-07	3.89E-06	2.18E-05
5575	474943.15	3848725.25	3.13E-02	3.06E-02	3.02E-02	1.08E-05	3.27E-05	1.89E-05	1.85E-05	1.68E-05	7.65E-06	7.55E-06	3.62E-07	8.74E-06	1.93E-06	2.51E-06	3.98E-06	7.02E-07	3.96E-06	2.22E-05
5576	475017.86	3848790.43	3.24E-02	3.16E-02	3.12E-02	1.12E-05	3.38E-05	1.96E-05	1.91E-05	1.73E-05	7.90E-06	7.80E-06	3.74E-07	9.03E-06	1.99E-06	2.59E-06	4.11E-06	7.25E-07	4.09E-06	2.29E-05
5577	475092.56	3848855.61	3.30E-02	3.22E-02	3.18E-02	1.14E-05	3.45E-05	2.00E-05	1.95E-05	1.77E-05	8.07E-06	7.96E-06	3.82E-07	9.22E-06	2.04E-06	2.65E-06	4.20E-06	7.40E-07	4.18E-06	2.34E-05
5578	475232.58	3848959.38	2.79E-02	2.72E-02	2.68E-02	9.64E-06	2.91E-05	1.69E-05	1.64E-05	1.49E-05	6.80E-06	6.71E-06	3.22E-07	7.78E-06	1.72E-06	2.23E-06	3.54E-06	6.24E-07	3.52E-06	1.97E-05
5579	475368.47	3849029.98	2.90E-02	2.83E-02	2.79E-02	1.00E-05	3.03E-05	1.75E-05	1.71E-05	1.55E-05	7.07E-06	6.98E-06	3.35E-07	8.09E-06	1.78E-06	2.32E-06	3.68E-06	6.49E-07	3.66E-06	2.05E-05
5580	475609.57	3849096.09	2.41E-02	2.35E-02	2.32E-02	8.33E-06	2.52E-05	1.46E-05	1.42E-05	1.29E-05	5.88E-06	5.80E-06	2.78E-07	6.72E-06	1.48E-06	1.93E-06	3.06E-06	5.40E-07	3.04E-06	1.71E-05
5581	475680.68	3849116.62	2.77E-02	2.70E-02	2.67E-02	9.59E-06	2.90E-05	1.68E-05	1.64E-05	1.48E-05	6.77E-06	6.68E-06	3.20E-07	7.74E-06	1.71E-06	2.22E-06	3.52E-06	6.21E-07	3.51E-06	1.96E-05
5582	475843.76	3849151.52	3.42E-02	3.34E-02	3.29E-02	1.18E-05	3.57E-05	2.07E-05	2.02E-05	1.83E-05	8.35E-06	8.24E-06	3.95E-07	9.55E-06	2.11E-06	2.74E-06	4.35E-06	7.66E-07	4.33E-06	2.42E-05
5583	475935.73	3849165.89	3.14E-02	3.07E-02	3.02E-02	1.09E-05	3.28E-05	1.90E-05	1.85E-05	1.68E-05	7.67E-06	7.57E-06	3.63E-07	8.77E-06	1.94E-06	2.52E-06	3.99E-06	7.04E-07	3.97E-06	2.23E-05
5584	476027.7	3849180.26	3.14E-02	3.06E-02	3.02E-02	1.09E-05	3.28E-05	1.90E-05	1.85E-05	1.68E-05	7.66E-06	7.56E-06	3.63E-07	8.76E-06	1.93E-06	2.51E-06	3.99E-06	7.03E-07	3.97E-06	2.22E-05
5585	476119.68	3849194.64	3.28E-02	3.20E-02	3.16E-02	1.13E-05	3.43E-05	1.98E-05	1.94E-05	1.75E-05	8.00E-06	7.90E-06	3.79E-07	9.15E-06	2.02E-06	2.63E-06	4.17E-06	7.35E-07	4.14E-06	2.32E-05
5586	476211.65	3849209.01	3.24E-02	3.16E-02	3.12E-02	1.12E-05	3.39E-05	1.96E-05	1.91E-05	1.73E-05	7.91E-06	7.81E-06	3.74E-07	9.04E-06	2.00E-06	2.60E-06	4.12E-06	7.26E-07	4.10E-06	2.30E-05
5587	476497.8	3849283.9	4.24E-02	4.14E-02	4.09E-02	1.47E-05	4.44E-05	2.57E-05	2.51E-05	2.27E-05	1.04E-05	1.02E-05	4.91E-07	1.19E-05	2.62E-06	3.40E-06	5.40E-06	9.51E-07	5.37E-06	3.01E-05
5588	476603.73	3849323.77	4.22E-02	4.12E-02	4.07E-02	1.46E-05	4.41E-05	2.56E-05	2.49E-05	2.26E-05	1.03E-05	1.02E-05	4.88E-07	1.18E-05	2.60E-06	3.39E-06	5.37E-06	9.47E-07	5.34E-06	2.99E-05
5589	476728.99	3849382.76	3.89E-02	3.80E-02	3.74E-02	1.35E-05	4.06E-05	2.35E-05	2.30E-05	2.08E-05	9.50E-06	9.37E-06	4.50E-07	1.09E-05	2.40E-06	3.12E-06	4.95E-06	8.72E-07	4.92E-06	2.76E-05
5590	476801.27	3849418.65	3.88E-02	3.79E-02	3.74E-02	1.34E-05	4.06E-05	2.35E-05	2.29E-05	2.08E-05	9.48E-06	9.35E-06	4.49E-07	1.08E-05	2.39E-06	3.11E-06	4.94E-06	8.70E-07	4.91E-06	2.75E-05
5591	476956.2	3849495.05	3.87E-02	3.78E-02	3.73E-02	1.34E-05	4.05E-05	2.34E-05	2.29E-05	2.07E-05	9.46E-06	9.33E-06	4.48E-07	1.08E-05	2.39E-06	3.11E-06	4.93E-06	8.68E-07	4.90E-06	2.74E-05
5592	477038.84	3849535.56	3.92E-02	3.83E-02	3.78E-02	1.36E-05	4.10E-05	2.37E-05	2.32E-05	2.10E-05	9.58E-06	9.45E-06	4.53E-07	1.10E-05	2.42E-06	3.14E-06	4.99E-06	8.79E-07	4.96E-06	2.78E-05
5593	477121.48	3849576.08	3.90E-02	3.81E-02	3.76E-02	1.35E-05	4.08E-05	2.36E-05	2.30E-05	2.09E-05	9.53E-06	9.40E-06	4.51E-07	1.09E-05	2.40E-06	3.13E-06	4.96E-06	8.74E-07	4.93E-06	2.76E-05
5594	477204.13	3849616.6	3.92E-02	3.82E-02	3.77E-02	1.36E-05	4.10E-05	2.37E-05	2.31E-05	2.10E-05	9.57E-06	9.44E-06	4.53E-07	1.09E-05	2.41E-06	3.14E-06	4.98E-06	8.78E-07	4.96E-06	2.78E-05
5595	477286.78	3849657.12	3.68E-02	3.59E-02	3.54E-02	1.27E-05	3.84E-05	2.22E-05	2.17E-05	1.97E-05	8.98E-06	8.86E-06	4.25E-07	1.03E-05	2.27E-06	2.95E-06	4.68E-06	8.24E-07	4.65E-06	2.61E-05
5596	477369.42	3849697.63	3.91E-02	3.81E-02	3.76E-02	1.35E-05	4.09E-05	2.36E-05	2.31E-05	2.09E-05	9.55E-06	9.42E-06	4.52E-07	1.09E-05	2.41E-06	3.13E-06	4.97E-06	8.76E-07	4.94E-06	2.77E-05
5597	477452.07	3849738.15	3.90E-02	3.81E-02	3.75E-02	1.35E-05	4.08E-05	2.36E-05	2.30E-05	2.09E-05	9.52E-06	9.40E-06	4.51E-07	1.09E-05	2.40E-06	3.13E-06	4.96E-06	8.74E-07	4.93E-06	2.76E-05
5598	477534.71	3849778.67	4.02E-02	3.92E-02	3.87E-02	1.39E-05	4.20E-05	2.43E-05	2.37E-05	2.15E-05	9.81E-06	9.68E-06	4.64E-07	1.12E-05	2.47E-06	3.22E-06	5.11E-06	9.00E-07	5.08E-06	2.85E-05
5599	477617.35	3849819.18	4.00E-02	3.90E-02	3.85E-02	1.38E-05	4.18E-05	2.42E-05	2.36E-05	2.14E-05	9.76E-06	9.63E-06	4.62E-07	1.12E-05	2.46E-06	3.20E-06	5.08E-06	8.96E-07	5.05E-06	2.83E-05
5600	477824.74	3849896.37	2.63E-02	2.57E-02	2.53E-02	9.10E-06	2.75E-05	1.59E-05	1.55E-05	1.41E-05	6.42E-06	6.34E-06	3.04E-07	7.34E-06	1.62E-06	2.11E-06	3.34E-06	5.89E-07	3.32E-06	1.86E-05
5601	477906.31	3849936.37	2.70E-02	2.63E-02	2.60E-02	9.35E-06	2.82E-05	1.63E-05	1.59E-05	1.44E-05	6.59E-06	6.51E-06	3.12E-07	7.54E-06	1.66E-06	2.16E-06	3.43E-06	6.05E-07	3.41E-06	1.91E-05
5602	477987.89	3849976.36	2.71E-02	2.64E-02	2.61E-02	9.37E-06	2.83E-05	1.64E-05	1.60E-05	1.45E-05	6.61E-06	6.52E-06	3.13E-07	7.56E-06	1.67E-06	2.17E-06	3.44E-06	6.06E-07	3.42E-06	1.92E-05
5603	478069.47	3850016.36	2.73E-02	2.66E-02	2.63E-02	9.45E-06	2.85E-05	1.65E-05	1.61E-05	1.46E-05	6.67E-06	6.58E-06	3.16E-07	7.62E-06	1.68E-06	2.19E-06	3.47E-06	6.12E-07	3.45E-06	1.93E-05

5604	478151.04	3850056.35	2.74E-02	2.67E-02	2.64E-02	9.49E-06	2.86E-05	1.66E-05	1.62E-05	1.47E-05	6.69E-06	6.60E-06	3.17E-07	7.65E-06	1.69E-06	2.20E-06	3.48E-06	6.14E-07	3.47E-06	1.94E-05
5605	478232.62	3850096.35	2.77E-02	2.70E-02	2.66E-02	9.58E-06	2.89E-05	1.67E-05	1.63E-05	1.48E-05	6.76E-06	6.67E-06	3.20E-07	7.72E-06	1.70E-06	2.22E-06	3.52E-06	6.20E-07	3.50E-06	1.96E-05
5606	478314.2	3850136.34	2.77E-02	2.71E-02	2.67E-02	9.60E-06	2.90E-05	1.68E-05	1.64E-05	1.48E-05	6.77E-06	6.68E-06	3.21E-07	7.74E-06	1.71E-06	2.22E-06	3.53E-06	6.22E-07	3.51E-06	1.97E-05
5607	478395.77	3850176.34	2.78E-02	2.71E-02	2.67E-02	9.62E-06	2.90E-05	1.68E-05	1.64E-05	1.49E-05	6.78E-06	6.69E-06	3.21E-07	7.76E-06	1.71E-06	2.23E-06	3.53E-06	6.23E-07	3.51E-06	1.97E-05
5608	478575.43	3850244.45	2.13E-02	2.07E-02	2.05E-02	7.36E-06	2.22E-05	1.29E-05	1.26E-05	1.14E-05	5.19E-06	5.12E-06	2.46E-07	5.94E-06	1.31E-06	1.70E-06	2.70E-06	4.76E-07	2.69E-06	1.51E-05
5609	478665.06	3850287.29	2.10E-02	2.05E-02	2.02E-02	7.28E-06	2.20E-05	1.27E-05	1.24E-05	1.12E-05	5.13E-06	5.06E-06	2.43E-07	5.87E-06	1.29E-06	1.68E-06	2.67E-06	4.71E-07	2.66E-06	1.49E-05
5610	478754.69	3850330.14	2.08E-02	2.03E-02	2.00E-02	7.18E-06	2.17E-05	1.26E-05	1.23E-05	1.11E-05	5.07E-06	5.00E-06	2.40E-07	5.79E-06	1.28E-06	1.66E-06	2.64E-06	4.65E-07	2.62E-06	1.47E-05
5611	478844.32	3850372.99	2.03E-02	1.99E-02	1.96E-02	7.04E-06	2.13E-05	1.23E-05	1.20E-05	1.09E-05	4.97E-06	4.90E-06	2.35E-07	5.68E-06	1.25E-06	1.63E-06	2.59E-06	4.56E-07	2.57E-06	1.44E-05
5612	478933.95	3850415.84	1.99E-02	1.94E-02	1.91E-02	6.88E-06	2.08E-05	1.20E-05	1.17E-05	1.06E-05	4.85E-06	4.79E-06	2.30E-07	5.55E-06	1.22E-06	1.59E-06	2.53E-06	4.45E-07	2.51E-06	1.41E-05
5613	479023.58	3850458.68	2.01E-02	1.96E-02	1.93E-02	6.95E-06	2.10E-05	1.21E-05	1.19E-05	1.07E-05	4.90E-06	4.84E-06	2.32E-07	5.61E-06	1.24E-06	1.61E-06	2.55E-06	4.50E-07	2.54E-06	1.42E-05
5614	479110.66	3850441.9	1.15E-02	1.12E-02	1.10E-02	3.97E-06	1.20E-05	6.94E-06	6.77E-06	6.14E-06	2.80E-06	2.76E-06	1.33E-07	3.20E-06	7.07E-07	9.19E-07	1.46E-06	2.57E-07	1.45E-06	8.13E-06
5615	479191.22	3850423.99	8.07E-03	7.88E-03	7.77E-03	2.80E-06	8.44E-06	4.89E-06	4.77E-06	4.32E-06	1.97E-06	1.95E-06	9.33E-08	2.25E-06	4.97E-07	6.47E-07	1.03E-06	1.81E-07	1.02E-06	5.72E-06
5616	479274.32	3850465.71	8.16E-03	7.96E-03	7.86E-03	2.82E-06	8.53E-06	4.94E-06	4.82E-06	4.37E-06	1.99E-06	1.97E-06	9.43E-08	2.28E-06	5.03E-07	6.54E-07	1.04E-06	1.83E-07	1.03E-06	5.78E-06
5617	479357.43	3850507.42	8.23E-03	8.03E-03	7.92E-03	2.85E-06	8.60E-06	4.98E-06	4.86E-06	4.40E-06	2.01E-06	1.98E-06	9.51E-08	2.30E-06	5.07E-07	6.60E-07	1.05E-06	1.84E-07	1.04E-06	5.83E-06
5618	479440.53	3850549.14	8.21E-03	8.02E-03	7.91E-03	2.84E-06	8.59E-06	4.97E-06	4.85E-06	4.40E-06	2.01E-06	1.98E-06	9.50E-08	2.29E-06	5.06E-07	6.58E-07	1.04E-06	1.84E-07	1.04E-06	5.82E-06
5619	479523.64	3850590.85	8.22E-03	8.02E-03	7.92E-03	2.85E-06	8.60E-06	4.98E-06	4.86E-06	4.40E-06	2.01E-06	1.98E-06	9.51E-08	2.30E-06	5.07E-07	6.59E-07	1.05E-06	1.84E-07	1.04E-06	5.83E-06
5620	479606.74	3850632.57	8.29E-03	8.09E-03	7.98E-03	2.87E-06	8.66E-06	5.01E-06	4.89E-06	4.44E-06	2.02E-06	2.00E-06	9.58E-08	2.31E-06	5.11E-07	6.64E-07	1.05E-06	1.86E-07	1.05E-06	5.87E-06
5621	479777.37	3850707.61	7.89E-03	7.70E-03	7.59E-03	2.73E-06	8.24E-06	4.77E-06	4.66E-06	4.22E-06	1.93E-06	1.90E-06	9.12E-08	2.20E-06	4.86E-07	6.32E-07	1.00E-06	1.77E-07	9.98E-07	5.59E-06
5622	479864.9	3850740.95	7.55E-03	7.36E-03	7.27E-03	2.61E-06	7.89E-06	4.57E-06	4.46E-06	4.04E-06	1.84E-06	1.82E-06	8.72E-08	2.11E-06	4.65E-07	6.05E-07	9.60E-07	1.69E-07	9.54E-07	5.35E-06
5623	479931.87	3850829.56	1.04E-02	1.02E-02	1.00E-02	3.61E-06	1.09E-05	6.31E-06	6.16E-06	5.58E-06	2.55E-06	2.51E-06	1.21E-07	2.91E-06	6.43E-07	8.36E-07	1.33E-06	2.34E-07	1.32E-06	7.39E-06
5624	479995.55	3850926.75	1.87E-02	1.82E-02	1.80E-02	6.46E-06	1.95E-05	1.13E-05	1.10E-05	9.99E-06	4.56E-06	4.50E-06	2.16E-07	5.21E-06	1.15E-06	1.50E-06	2.37E-06	4.18E-07	2.36E-06	1.32E-05
5625	480079.78	3850968.64	1.87E-02	1.82E-02	1.80E-02	6.46E-06	1.95E-05	1.13E-05	1.10E-05	9.98E-06	4.56E-06	4.49E-06	2.16E-07	5.21E-06	1.15E-06	1.50E-06	2.37E-06	4.18E-07	2.36E-06	1.32E-05
5626	480164.01	3851010.54	1.87E-02	1.83E-02	1.80E-02	6.48E-06	1.96E-05	1.13E-05	1.10E-05	1.00E-05	4.57E-06	4.51E-06	2.16E-07	5.22E-06	1.15E-06	1.50E-06	2.38E-06	4.19E-07	2.37E-06	1.33E-05
5627	480248.23	3851052.43	1.86E-02	1.82E-02	1.80E-02	6.45E-06	1.95E-05	1.13E-05	1.10E-05	9.98E-06	4.55E-06	4.49E-06	2.16E-07	5.21E-06	1.15E-06	1.49E-06	2.37E-06	4.18E-07	2.36E-06	1.32E-05
5628	480332.46	3851094.33	1.89E-02	1.84E-02	1.82E-02	6.53E-06	1.97E-05	1.14E-05	1.11E-05	1.01E-05	4.60E-06	4.54E-06	2.18E-07	5.26E-06	1.16E-06	1.51E-06	2.40E-06	4.22E-07	2.38E-06	1.34E-05
5629	480416.69	3851136.22	1.92E-02	1.88E-02	1.85E-02	6.66E-06	2.01E-05	1.16E-05	1.14E-05	1.03E-05	4.70E-06	4.63E-06	2.22E-07	5.37E-06	1.18E-06	1.54E-06	2.45E-06	4.31E-07	2.43E-06	1.36E-05
5630	480579.95	3851215.17	1.90E-02	1.86E-02	1.83E-02	6.58E-06	1.99E-05	1.15E-05	1.12E-05	1.02E-05	4.65E-06	4.58E-06	2.20E-07	5.31E-06	1.17E-06	1.52E-06	2.42E-06	4.26E-07	2.41E-06	1.35E-05
5631	480658.98	3851252.22	1.86E-02	1.82E-02	1.80E-02	6.45E-06	1.95E-05	1.13E-05	1.10E-05	9.98E-06	4.55E-06	4.49E-06	2.16E-07	5.21E-06	1.15E-06	1.49E-06	2.37E-06	4.18E-07	2.36E-06	1.32E-05
5632	480817.36	3851327.85	1.82E-02	1.78E-02	1.75E-02	6.31E-06	1.90E-05	1.10E-05	1.08E-05	9.75E-06	4.45E-06	4.39E-06	2.11E-07	5.09E-06	1.12E-06	1.46E-06	2.32E-06	4.08E-07	2.30E-06	1.29E-05
5633	480896.71	3851366.42	1.81E-02	1.77E-02	1.74E-02	6.27E-06	1.89E-05	1.10E-05	1.07E-05	9.69E-06	4.42E-06	4.36E-06	2.09E-07	5.06E-06	1.12E-06	1.45E-06	2.30E-06	4.06E-07	2.29E-06	1.28E-05
5634	480976.07	3851405	1.80E-02	1.76E-02	1.73E-02	6.23E-06	1.88E-05	1.09E-05	1.06E-05	9.63E-06	4.40E-06	4.34E-06	2.08E-07	5.03E-06	1.11E-06	1.44E-06	2.29E-06	4.03E-07	2.28E-06	1.28E-05
5635	481178	3851487.31	1.45E-02	1.41E-02	1.39E-02	5.01E-06	1.51E-05	8.76E-06	8.55E-06	7.75E-06	3.54E-06	3.49E-06	1.67E-07	4.04E-06	8.92E-07	1.16E-06	1.84E-06	3.25E-07	1.83E-06	1.03E-05
5636	481244.9	3851557.17	1.79E-02	1.75E-02	1.73E-02	6.21E-06	1.88E-05	1.09E-05	1.06E-05	9.61E-06	4.38E-06	4.33E-06	2.07E-07	5.01E-06	1.11E-06	1.44E-06	2.28E-06	4.02E-07	2.27E-06	1.27E-05
5637	481311.81	3851627.03	2.05E-02	2.01E-02	1.98E-02	7.11E-06	2.15E-05	1.24E-05	1.21E-05	1.10E-05	5.02E-06	4.95E-06	2.38E-07	5.74E-06	1.27E-06	1.65E-06	2.61E-06	4.61E-07	2.60E-06	1.46E-05
5638	481378.71	3851696.89	1.97E-02	1.92E-02	1.90E-02	6.83E-06	2.06E-05	1.19E-05	1.16E-05	1.06E-05	4.82E-06	4.75E-06	2.28E-07	5.51E-06	1.22E-06	1.58E-06	2.51E-06	4.42E-07	2.49E-06	1.40E-05
5639	481445.61	3851766.76	1.95E-02	1.90E-02	1.88E-02	6.75E-06	2.04E-05	1.18E-05	1.15E-05	1.04E-05	4.76E-06	4.70E-06	2.25E-07	5.44E-06	1.20E-06	1.56E-06	2.48E-06	4.37E-07	2.47E-06	1.38E-05
5640	481512.51	3851836.62	1.95E-02	1.90E-02	1.88E-02	6.74E-06	2.04E-05	1.18E-05	1.15E-05	1.04E-05	4.76E-06	4.69E-06	2.25E-07	5.44E-06	1.20E-06	1.56E-06	2.48E-06	4.37E-07	2.46E-06	1.38E-05
5641	481579.42	3851906.48	1.94E-02	1.89E-02	1.86E-02	6.70E-06	2.02E-05	1.17E-05	1.14E-05	1.04E-05	4.73E-06	4.66E-06	2.24E-07	5.40E-06	1.19E-06	1.55E-06	2.46E-06	4.34E-07	2.45E-06	1.37E-05
5642	481646.32	3851976.34	1.95E-02	1.90E-02	1.88E-02	6.76E-06	2.04E-05	1.18E-05	1.15E-05	1.04E-05	4.77E-06	4.70E-06	2.26E-07	5.45E-06	1.20E-06	1.56E-06	2.48E-06	4.37E-07	2.47E-06	1.38E-05
5643	481713.22	3852046.2	1.94E-02	1.89E-02	1.87E-02	6.71E-06	2.03E-05	1.17E-05	1.14E-05	1.04E-05	4.73E-06	4.67E-06	2.24E-07	5.41E-06	1.19E-06	1.55E-06	2.46E-06	4.34E-07	2.45E-06	1.37E-05
5644	481780.12	3852116.06	1.95E-02	1.91E-02	1.88E-02	6.77E-06	2.04E-05	1.18E-05	1.15E-05	1.05E-05	4.77E-06	4.71E-06	2.26E-07	5.46E-06	1.20E-06	1.57E-06	2.49E-06	4.38E-07	2.47E-06	1.39E-05
5645	481847.03	3852185.92	1.98E-02	1.93E-02	1.91E-02	6.86E-06	2.07E-05	1.20E-05	1.17E-05	1.06E-05	4.84E-06	4.77E-06	2.29E-07	5.53E-06	1.22E-06	1.59E-06	2.52E-06	4.44E-07	2.51E-06	1.40E-05
5646	481913.93	3852255.78	2.00E-02	1.95E-02	1.92E-02	6.91E-06	2.09E-05	1.21E-05	1.18E-05	1.07E-05	4.87E-06	4.81E-06	2.31E-07	5.57E-06	1.23E-06	1.60E-06	2.54E-06	4.47E-07	2.52E-06	1.41E-05
5647	481980.83	3852325.65	2.02E-02	1.97E-02	1.94E-02	6.99E-06	2.11E-05	1.22E-05	1.19E-05	1.08E-05	4.93E-06	4.87E-06	2.33E-07	5.64E-06	1.24E-06	1.62E-06	2.57E-06	4.53E-07	2.55E-06	1.43E-05
5648	482047.73	3852395.51	2.03E-02	1.98E-02	1.95E-02	7.01E-06	2.12E-05	1.23E-05	1.20E-05	1.08E-05	4.95E-06	4.88E-06	2.34E-07	5.66E-06	1.25E-06	1.62E-06	2.58E-06	4.54E-07	2.56E-06	1.44E-05
5649	482114.64	3852465.37	2.03E-02	1.98E-02	1.95E-02	7.02E-06	2.12E-05	1.23E-05	1.20E-05	1.08E-05	4.95E-06	4.88E-06	2.34E-07	5.66E-06	1.25E-06	1.62E-06	2.58E-06	4.54E-07	2.56E-06	1.44E-05
5650	482181.54	3852535.23	2.06E-02	2.01E-02	1.98E-02	7.11E-06	2.15E-05	1.24E-05	1.21E-05	1.10E-05	5.02E-06	4.95E-06	2.38E-07	5.74E-06	1.27E-06	1.65E-06	2.61E-06	4.61E-07	2.60E-06	1.46E-05
5651	482338.69	3852700.04	2.10E-02	2.05E-02	2.02E-02	7.27E-06	2.20E-05	1.27E-05	1.24E-05	1.12E-05	5.13E-06	5.06E-06	2.43E-07	5.87E-06	1.29E-06	1.68E-06	2.67E-06	4.71E-07	2.66E-06	1.49E-05
5652	482404.05	3852767.78	2.09E-02	2.04E-02	2.01E-02	7.22E-06	2.18E-05	1.26E-05	1.23E-05	1.12E-05	5.10E-06	5.03E-06	2.41E-07	5.83E-06	1.29E-06	1.67E-06	2.65E-06	4.68E-07	2.64E-06	1.48E-05
5653	482469.4	3852835.52	2.10E-02	2.05E-02	2.02E-02	7.26E-06	2.19E-05	1.27E-05	1.24E-05	1.12E-05	5.12E-06	5.06E-06	2.43E-07	5.86E-06	1.29E-06	1.68E-06	2.67E-06	4.70E-07	2.65E-06	1.49E-05
5654	482534.75	3852903.25	2.10E-02	2.05E-02	2.02E-02	7.26E-06	2.19E-05	1.27E-05	1.24E-05	1.12E-05	5.12E-06	5.05E-06	2.42E-07	5.85E-06	1.29E-06	1.68E-06	2.67E-06	4.70E-07	2.65E-06	1.49E-05
5655	482600.11	3852970.99	2.05E-02	2.00E-02	1.97E-02	7.10E-06	2.14E-05	1.24E-05	1.21E-05	1.10E-05	5.01E-06	4.94E-06	2.37E-07	5.72E-06	1.26E-06	1.64E-06	2.61E-06	4.59E-07	2.59E-06	1.45E-05
5656	482706.71	3853119.28	1.67E-02	1.63E-02	1.61E-02	5.78E-06	1.74E-05	1.01E-05	9.85E-06	8.93E-06	4.08E-06	4.02E-06	1.93E-07	4.66E-06	1.03E-06	1.34E-06	2.12E-06	3.74E-07	2.11E-06	1.18E-05
5657	482747.96	3853199.84	1.69E-02	1.65E-02	1.63E-02	5.86E-06	1.77E-05	1.02E-05	9.99E-06	9.05E-06	4.13E-06	4.08E-06	1.96E-07	4.72E-06	1.04E-06	1.36E-06	2.15E-06	3.79E-07	2.14E-06	1.20E-05
5658	482789.21	3853280.4	1.61E-02	1.57E-02	1.55E-02	5.57E-06	1.68E-05	9.73E-06	9.49E-06	8.61E-06	3.93E-06	3.87E-06	1.86E-07	4.49E-06	9.91E-07	1.29E-06	2.04E-06	3.60E-07	2.03E-06	1.14E-05

5659	482830.46	3853360.96	1.40E-02	1.36E-02	1.35E-02	4.84E-06	1.46E-05	8.46E-06	8.26E-06	7.48E-06	3.42E-06	3.37E-06	1.62E-07	3.90E-06	8.62E-07	1.12E-06	1.78E-06	3.13E-07	1.77E-06	9.91E-06
5660	482871.71	3853441.52	1.23E-02	1.20E-02	1.19E-02	4.27E-06	1.29E-05	7.46E-06	7.28E-06	6.60E-06	3.01E-06	2.97E-06	1.43E-07	3.44E-06	7.60E-07	9.89E-07	1.57E-06	2.76E-07	1.56E-06	8.74E-06
5661	482912.95	3853522.07	1.12E-02	1.09E-02	1.08E-02	3.87E-06	1.17E-05	6.77E-06	6.61E-06	5.99E-06	2.73E-06	2.70E-06	1.29E-07	3.12E-06	6.89E-07	8.97E-07	1.42E-06	2.51E-07	1.42E-06	7.93E-06
5662	482954.2	3853602.63	1.00E-02	9.77E-03	9.65E-03	3.47E-06	1.05E-05	6.06E-06	5.91E-06	5.36E-06	2.45E-06	2.41E-06	1.16E-07	2.80E-06	6.17E-07	8.03E-07	1.27E-06	2.25E-07	1.27E-06	7.10E-06
5663	482995.45	3853683.19	9.10E-03	8.88E-03	8.76E-03	3.15E-06	9.51E-06	5.51E-06	5.37E-06	4.87E-06	2.22E-06	2.19E-06	1.05E-07	2.54E-06	5.61E-07	7.30E-07	1.16E-06	2.04E-07	1.15E-06	6.45E-06
5664	483036.7	3853763.75	8.41E-03	8.21E-03	8.10E-03	2.91E-06	8.79E-06	5.09E-06	4.97E-06	4.50E-06	2.05E-06	2.03E-06	9.72E-08	2.35E-06	5.18E-07	6.74E-07	1.07E-06	1.89E-07	1.06E-06	5.96E-06
5665	483214.2	3853909.91	4.71E-03	4.59E-03	4.53E-03	1.63E-06	4.92E-06	2.85E-06	2.78E-06	2.52E-06	1.15E-06	1.13E-06	5.44E-08	1.31E-06	2.90E-07	3.77E-07	5.99E-07	1.05E-07	5.95E-07	3.34E-06
5666	483307.01	3853910.44	3.75E-03	3.66E-03	3.61E-03	1.30E-06	3.92E-06	2.27E-06	2.21E-06	2.01E-06	9.15E-07	9.03E-07	4.33E-08	1.05E-06	2.31E-07	3.00E-07	4.76E-07	8.40E-08	4.74E-07	2.65E-06
5667	483399.83	3853910.96	3.12E-03	3.04E-03	3.00E-03	1.08E-06	3.26E-06	1.88E-06	1.84E-06	1.67E-06	7.61E-07	7.51E-07	3.60E-08	8.70E-07	1.92E-07	2.50E-07	3.96E-07	6.98E-08	3.94E-07	2.21E-06
5668	483494.52	3854009.24	3.20E-03	3.12E-03	3.08E-03	1.11E-06	3.35E-06	1.94E-06	1.89E-06	1.71E-06	7.82E-07	7.71E-07	3.70E-08	8.94E-07	1.97E-07	2.57E-07	4.07E-07	7.17E-08	4.05E-07	2.27E-06
5669	483496.41	3854106.98	4.23E-03	4.12E-03	4.07E-03	1.46E-06	4.42E-06	2.56E-06	2.49E-06	2.26E-06	1.03E-06	1.02E-06	4.88E-08	1.18E-06	2.60E-07	3.39E-07	5.37E-07	9.47E-08	5.34E-07	2.99E-06
5670	483577.56	3854261.96	6.78E-03	6.62E-03	6.53E-03	2.35E-06	7.09E-06	4.10E-06	4.00E-06	3.63E-06	1.66E-06	1.63E-06	7.84E-08	1.89E-06	4.18E-07	5.44E-07	8.63E-07	1.52E-07	8.58E-07	4.81E-06
5671	483656.83	3854319.19	7.07E-03	6.89E-03	6.80E-03	2.45E-06	7.39E-06	4.28E-06	4.17E-06	3.78E-06	1.73E-06	1.70E-06	8.17E-08	1.97E-06	4.35E-07	5.66E-07	8.99E-07	1.58E-07	8.94E-07	5.01E-06
5672	483736.1	3854376.41	7.37E-03	7.20E-03	7.10E-03	2.55E-06	7.71E-06	4.46E-06	4.35E-06	3.95E-06	1.80E-06	1.78E-06	8.52E-08	2.06E-06	4.54E-07	5.91E-07	9.38E-07	1.65E-07	9.33E-07	5.23E-06
5673	483815.36	3854433.64	7.81E-03	7.62E-03	7.52E-03	2.70E-06	8.16E-06	4.72E-06	4.61E-06	4.18E-06	1.91E-06	1.88E-06	9.02E-08	2.18E-06	4.81E-07	6.26E-07	9.93E-07	1.75E-07	9.87E-07	5.53E-06
5674	483894.63	3854490.87	8.31E-03	8.11E-03	8.00E-03	2.88E-06	8.68E-06	5.03E-06	4.91E-06	4.45E-06	2.03E-06	2.00E-06	9.60E-08	2.32E-06	5.12E-07	6.66E-07	1.06E-06	1.86E-07	1.05E-06	5.89E-06
5675	483973.9	3854548.09	8.83E-03	8.62E-03	8.51E-03	3.06E-06	9.23E-06	5.35E-06	5.22E-06	4.73E-06	2.16E-06	2.13E-06	1.02E-07	2.47E-06	5.44E-07	7.08E-07	1.12E-06	1.98E-07	1.12E-06	6.26E-06
5676	484053.17	3854605.32	9.68E-03	9.45E-03	9.32E-03	3.35E-06	1.01E-05	5.86E-06	5.72E-06	5.18E-06	2.36E-06	2.33E-06	1.12E-07	2.70E-06	5.96E-07	7.76E-07	1.23E-06	2.17E-07	1.22E-06	6.86E-06
5677	484214.97	3854698.15	9.93E-03	9.69E-03	9.57E-03	3.44E-06	1.04E-05	6.01E-06	5.87E-06	5.32E-06	2.43E-06	2.39E-06	1.15E-07	2.77E-06	6.12E-07	7.96E-07	1.26E-06	2.23E-07	1.26E-06	7.04E-06
5678	484297.5	3854733.74	1.01E-02	9.84E-03	9.71E-03	3.49E-06	1.05E-05	6.10E-06	5.96E-06	5.40E-06	2.46E-06	2.43E-06	1.17E-07	2.82E-06	6.22E-07	8.09E-07	1.28E-06	2.26E-07	1.28E-06	7.15E-06
5679	484380.03	3854769.34	9.90E-03	9.66E-03	9.53E-03	3.43E-06	1.03E-05	5.99E-06	5.85E-06	5.30E-06	2.42E-06	2.39E-06	1.14E-07	2.76E-06	6.10E-07	7.94E-07	1.26E-06	2.22E-07	1.25E-06	7.02E-06
5680	484462.56	3854804.94	9.85E-03	9.61E-03	9.48E-03	3.41E-06	1.03E-05	5.96E-06	5.81E-06	5.27E-06	2.40E-06	2.37E-06	1.14E-07	2.75E-06	6.07E-07	7.89E-07	1.25E-06	2.21E-07	1.25E-06	6.98E-06
5681	484545.09	3854840.53	9.47E-03	9.24E-03	9.12E-03	3.28E-06	9.90E-06	5.73E-06	5.59E-06	5.07E-06	2.31E-06	2.28E-06	1.10E-07	2.65E-06	5.84E-07	7.59E-07	1.20E-06	2.12E-07	1.20E-06	6.71E-06
5682	484691.88	3854912.58	9.93E-03	9.69E-03	9.56E-03	3.44E-06	1.04E-05	6.01E-06	5.86E-06	5.32E-06	2.43E-06	2.39E-06	1.15E-07	2.77E-06	6.12E-07	7.96E-07	1.26E-06	2.23E-07	1.26E-06	7.04E-06
5683	484830.81	3855012.51	8.48E-03	8.28E-03	8.17E-03	2.94E-06	8.86E-06	5.13E-06	5.01E-06	4.54E-06	2.07E-06	2.04E-06	9.80E-08	2.37E-06	5.23E-07	6.80E-07	1.08E-06	1.90E-07	1.07E-06	6.01E-06
5684	484905.48	3855075.97	7.90E-03	7.71E-03	7.61E-03	2.73E-06	8.26E-06	4.78E-06	4.66E-06	4.23E-06	1.93E-06	1.90E-06	9.13E-08	2.21E-06	4.87E-07	6.33E-07	1.00E-06	1.77E-07	9.99E-07	5.60E-06
5685	484980.14	3855139.44	7.53E-03	7.34E-03	7.25E-03	2.61E-06	7.87E-06	4.55E-06	4.44E-06	4.03E-06	1.84E-06	1.81E-06	8.70E-08	2.10E-06	4.64E-07	6.03E-07	9.57E-07	1.69E-07	9.52E-07	5.33E-06
5686	485054.81	3855202.91	7.15E-03	6.97E-03	6.88E-03	2.47E-06	7.47E-06	4.32E-06	4.22E-06	3.82E-06	1.75E-06	1.72E-06	8.26E-08	2.00E-06	4.40E-07	5.73E-07	9.09E-07	1.60E-07	9.04E-07	5.06E-06
5687	485129.48	3855266.37	6.66E-03	6.50E-03	6.41E-03	2.31E-06	6.96E-06	4.03E-06	3.93E-06	3.56E-06	1.63E-06	1.60E-06	7.70E-08	1.86E-06	4.10E-07	5.34E-07	8.47E-07	1.49E-07	8.42E-07	4.72E-06
5688	485204.15	3855329.84	6.58E-03	6.42E-03	6.34E-03	2.28E-06	6.88E-06	3.98E-06	3.89E-06	3.52E-06	1.61E-06	1.59E-06	7.61E-08	1.84E-06	4.06E-07	5.28E-07	8.37E-07	1.48E-07	8.32E-07	4.66E-06
5689	485278.82	3855393.31	6.29E-03	6.13E-03	6.05E-03	2.18E-06	6.57E-06	3.80E-06	3.71E-06	3.36E-06	1.54E-06	1.51E-06	7.27E-08	1.76E-06	3.87E-07	5.04E-07	7.99E-07	1.41E-07	7.95E-07	4.45E-06
5690	485353.48	3855456.77	6.08E-03	5.93E-03	5.85E-03	2.10E-06	6.35E-06	3.68E-06	3.59E-06	3.25E-06	1.48E-06	1.47E-06	7.03E-08	1.70E-06	3.75E-07	4.87E-07	7.73E-07	1.36E-07	7.69E-07	4.31E-06
5691	485428.15	3855520.24	5.82E-03	5.68E-03	5.60E-03	2.01E-06	6.08E-06	3.52E-06	3.43E-06	3.11E-06	1.42E-06	1.40E-06	6.72E-08	1.62E-06	3.58E-07	4.66E-07	7.40E-07	1.30E-07	7.36E-07	4.12E-06
5692	485502.82	3855583.71	5.61E-03	5.48E-03	5.40E-03	1.94E-06	5.87E-06	3.40E-06	3.31E-06	3.00E-06	1.37E-06	1.35E-06	6.49E-08	1.57E-06	3.46E-07	4.50E-07	7.14E-07	1.26E-07	7.10E-07	3.98E-06
5693	485577.49	3855647.17	5.50E-03	5.37E-03	5.30E-03	1.90E-06	5.75E-06	3.33E-06	3.25E-06	2.94E-06	1.34E-06	1.33E-06	6.36E-08	1.54E-06	3.39E-07	4.41E-07	7.00E-07	1.23E-07	6.96E-07	3.90E-06
5694	485652.16	3855710.64	5.38E-03	5.25E-03	5.18E-03	1.86E-06	5.62E-06	3.26E-06	3.18E-06	2.88E-06	1.31E-06	1.30E-06	6.22E-08	1.50E-06	3.31E-07	4.31E-07	6.84E-07	1.21E-07	6.80E-07	3.81E-06
5695	485726.83	3855774.1	5.19E-03	5.07E-03	5.00E-03	1.80E-06	5.43E-06	3.14E-06	3.07E-06	2.78E-06	1.27E-06	1.25E-06	6.00E-08	1.45E-06	3.20E-07	4.16E-07	6.60E-07	1.16E-07	6.57E-07	3.68E-06
5696	485801.49	3855837.57	4.99E-03	4.87E-03	4.80E-03	1.73E-06	5.21E-06	3.02E-06	2.94E-06	2.67E-06	1.22E-06	1.20E-06	5.76E-08	1.39E-06	3.07E-07	4.00E-07	6.34E-07	1.12E-07	6.31E-07	3.53E-06
5697	485876.16	3855901.04	4.86E-03	4.74E-03	4.68E-03	1.68E-06	5.08E-06	2.94E-06	2.87E-06	2.60E-06	1.19E-06	1.17E-06	5.62E-08	1.36E-06	2.99E-07	3.90E-07	6.18E-07	1.09E-07	6.15E-07	3.44E-06
5698	485950.83	3855964.5	4.73E-03	4.61E-03	4.55E-03	1.64E-06	4.94E-06	2.86E-06	2.79E-06	2.53E-06	1.15E-06	1.14E-06	5.46E-08	1.32E-06	2.91E-07	3.79E-07	6.01E-07	1.06E-07	5.98E-07	3.35E-06
5699	486025.5	3856027.97	4.55E-03	4.44E-03	4.38E-03	1.58E-06	4.76E-06	2.76E-06	2.69E-06	2.44E-06	1.11E-06	1.10E-06	5.26E-08	1.27E-06	2.81E-07	3.65E-07	5.79E-07	1.02E-07	5.76E-07	3.23E-06
5700	486100.17	3856091.44	4.56E-03	4.45E-03	4.39E-03	1.58E-06	4.76E-06	2.76E-06	2.69E-06	2.44E-06	1.11E-06	1.10E-06	5.27E-08	1.27E-06	2.81E-07	3.65E-07	5.80E-07	1.02E-07	5.76E-07	3.23E-06
5701	486174.83	3856154.9	4.36E-03	4.25E-03	4.20E-03	1.51E-06	4.55E-06	2.64E-06	2.57E-06	2.33E-06	1.06E-06	1.05E-06	5.04E-08	1.22E-06	2.69E-07	3.49E-07	5.54E-07	9.77E-08	5.51E-07	3.09E-06
5702	486249.5	3856218.37	4.10E-03	4.01E-03	3.95E-03	1.42E-06	4.29E-06	2.48E-06	2.42E-06	2.20E-06	1.00E-06	9.89E-07	4.74E-08	1.15E-06	2.53E-07	3.29E-07	5.22E-07	9.20E-08	5.19E-07	2.91E-06
5703	486324.17	3856281.84	3.99E-03	3.89E-03	3.84E-03	1.38E-06	4.17E-06	2.41E-06	2.36E-06	2.14E-06	9.74E-07	9.61E-07	4.61E-08	1.11E-06	2.46E-07	3.20E-07	5.07E-07	8.94E-08	5.04E-07	2.83E-06
5704	486398.84	3856345.3	4.03E-03	3.93E-03	3.88E-03	1.40E-06	4.21E-06	2.44E-06	2.38E-06	2.16E-06	9.84E-07	9.71E-07	4.66E-08	1.13E-06	2.48E-07	3.23E-07	5.13E-07	9.03E-08	5.10E-07	2.86E-06
5705	486473.51	3856408.77	3.97E-03	3.87E-03	3.82E-03	1.37E-06	4.15E-06	2.40E-06	2.34E-06	2.12E-06	9.69E-07	9.56E-07	4.59E-08	1.11E-06	2.44E-07	3.18E-07	5.04E-07	8.89E-08	5.02E-07	2.81E-06
5706	486548.17	3856472.24	3.95E-03	3.85E-03	3.80E-03	1.37E-06	4.13E-06	2.39E-06	2.33E-06	2.11E-06	9.64E-07	9.51E-07	4.56E-08	1.10E-06	2.43E-07	3.16E-07	5.02E-07	8.85E-08	4.99E-07	2.80E-06
5707	486622.84	3856535.7	3.91E-03	3.81E-03	3.76E-03	1.35E-06	4.08E-06	2.36E-06	2.31E-06	2.09E-06	9.54E-07	9.41E-07	4.52E-08	1.09E-06	2.41E-07	3.13E-07	4.97E-07	8.76E-08	4.94E-07	2.77E-06
5708	486765.48	3856659.69	3.79E-03	3.70E-03	3.65E-03	1.31E-06	3.96E-06	2.29E-06	2.24E-06	2.03E-06	9.26E-07	9.14E-07	4.38E-08	1.06E-06	2.34E-07	3.04E-07	4.82E-07	8.50E-08	4.80E-07	2.69E-06
5709	486833.44	3856720.2	3.76E-03	3.67E-03	3.62E-03	1.30E-06	3.93E-06	2.27E-06	2.22E-06	2.01E-06	9.18E-07	9.06E-07	4.35E-08	1.05E-06	2.32E-07	3.01E-07	4.78E-07	8.43E-08	4.75E-07	2.66E-06
5710	486901.41	3856780.72	3.73E-03	3.64E-03	3.59E-03	1.29E-06	3.89E-06	2.25E-06	2.20E-06	1.99E-06	9.10E-07	8.98E-07	4.31E-08	1.04E-06	2.30E-07	2.99E-07	4.74E-07	8.35E-08	4.71E-07	2.64E-06
5711	486969.38	3856841.24	3.70E-03	3.61E-03	3.56E-03	1.28E-06	3.87E-06	2.24E-06	2.19E-06	1.98E-06	9.04E-07	8.92E-07	4.28E-08	1.03E-06	2.28E-07	2.97E-07	4.71E-07	8.30E-08	4.68E-07	2.62E-06
5712	487037.34	3856901.75	3.68E-03	3.59E-03	3.55E-03	1.28E-06	3.85E-06	2.23E-06	2.17E-06	1.97E-06	9.00E-07	8.88E-07	4.26E-08	1.03E-06	2.27E-07	2.95E-07	4.68E-07	8.26E-08	4.66E-07	2.61E-06
5713	487271.23	3856855.51	2.28E-03	2.23E-03	2.20E-03	7.89E-07	2.38E-06	1.38E-06	1.35E-06	1.22E-06	5.57E-07	5.50E-07	2.64E-08	6.37E-07	1.41E-07	1.83E-07	2.90E-07	5.11E-08	2.88E-07	1.62E-06

5714	487368.95	3856857.29	2.05E-03	2.00E-03	1.98E-03	7.11E-07	2.15E-06	1.24E-06	1.21E-06	1.10E-06	5.01E-07	4.95E-07	2.37E-08	5.73E-07	1.26E-07	1.65E-07	2.61E-07	4.60E-08	2.60E-07	1.45E-06
5715	487466.68	3856859.06	1.88E-03	1.83E-03	1.81E-03	6.50E-07	1.96E-06	1.14E-06	1.11E-06	1.01E-06	4.59E-07	4.53E-07	2.17E-08	5.24E-07	1.16E-07	1.51E-07	2.39E-07	4.21E-08	2.38E-07	1.33E-06
5716	487636.44	3856930	1.75E-03	1.71E-03	1.68E-03	6.05E-07	1.83E-06	1.06E-06	1.03E-06	9.36E-07	4.27E-07	4.22E-07	2.02E-08	4.88E-07	1.08E-07	1.40E-07	2.22E-07	3.92E-08	2.21E-07	1.24E-06
5717	487709.57	3856928.43	1.66E-03	1.62E-03	1.60E-03	5.73E-07	1.73E-06	1.00E-06	9.78E-07	8.87E-07	4.05E-07	3.99E-07	1.91E-08	4.63E-07	1.02E-07	1.33E-07	2.11E-07	3.71E-08	2.10E-07	1.17E-06
5718	487782.55	3856841.96	1.48E-03	1.44E-03	1.42E-03	5.12E-07	1.55E-06	8.95E-07	8.73E-07	7.92E-07	3.61E-07	3.56E-07	1.71E-08	4.13E-07	9.11E-08	1.19E-07	1.88E-07	3.31E-08	1.87E-07	1.05E-06
5719	487849.83	3856754.74	1.35E-03	1.31E-03	1.30E-03	4.66E-07	1.41E-06	8.15E-07	7.95E-07	7.21E-07	3.29E-07	3.24E-07	1.56E-08	3.76E-07	8.29E-08	1.08E-07	1.71E-07	3.02E-08	1.70E-07	9.54E-07
5720	487918.03	3856819.39	1.36E-03	1.32E-03	1.31E-03	4.70E-07	1.42E-06	8.21E-07	8.01E-07	7.26E-07	3.31E-07	3.27E-07	1.57E-08	3.79E-07	8.36E-08	1.09E-07	1.73E-07	3.04E-08	1.72E-07	9.62E-07
5721	487918.8	3856886.37	1.42E-03	1.38E-03	1.36E-03	4.90E-07	1.48E-06	8.57E-07	8.36E-07	7.58E-07	3.46E-07	3.41E-07	1.64E-08	3.95E-07	8.72E-08	1.14E-07	1.80E-07	3.17E-08	1.79E-07	1.00E-06
5722	488065.46	3857127.5	1.54E-03	1.50E-03	1.48E-03	5.33E-07	1.61E-06	9.31E-07	9.09E-07	8.24E-07	3.76E-07	3.71E-07	1.78E-08	4.30E-07	9.48E-08	1.23E-07	1.96E-07	3.45E-08	1.95E-07	1.09E-06
5723	488192.19	3857385.83	1.75E-03	1.71E-03	1.69E-03	6.07E-07	1.83E-06	1.06E-06	1.03E-06	9.38E-07	4.28E-07	4.22E-07	2.03E-08	4.89E-07	1.08E-07	1.40E-07	2.23E-07	3.93E-08	2.22E-07	1.24E-06
5724	488191.21	3857473.87	1.90E-03	1.86E-03	1.83E-03	6.59E-07	1.99E-06	1.15E-06	1.12E-06	1.02E-06	4.65E-07	4.59E-07	2.20E-08	5.32E-07	1.17E-07	1.53E-07	2.42E-07	4.27E-08	2.41E-07	1.35E-06
5725	488190.24	3857561.9	2.09E-03	2.04E-03	2.01E-03	7.23E-07	2.18E-06	1.26E-06	1.23E-06	1.12E-06	5.10E-07	5.03E-07	2.41E-08	5.83E-07	1.29E-07	1.67E-07	2.66E-07	4.68E-08	2.64E-07	1.48E-06
5726	488158.35	3857691.13	2.53E-03	2.47E-03	2.43E-03	8.75E-07	2.64E-06	1.53E-06	1.49E-06	1.35E-06	6.17E-07	6.09E-07	2.92E-08	7.06E-07	1.56E-07	2.03E-07	3.21E-07	5.66E-08	3.20E-07	1.79E-06
5727	488208.37	3857816.66	2.87E-03	2.80E-03	2.76E-03	9.92E-07	3.00E-06	1.73E-06	1.69E-06	1.53E-06	7.00E-07	6.91E-07	3.31E-08	8.00E-07	1.77E-07	2.30E-07	3.64E-07	6.42E-08	3.62E-07	2.03E-06
5728	488271.97	3857874.6	2.89E-03	2.82E-03	2.78E-03	1.00E-06	3.02E-06	1.75E-06	1.71E-06	1.55E-06	7.06E-07	6.97E-07	3.34E-08	8.08E-07	1.78E-07	2.32E-07	3.68E-07	6.48E-08	3.66E-07	2.05E-06
5729	488463.56	3857942.31	2.57E-03	2.51E-03	2.47E-03	8.89E-07	2.68E-06	1.55E-06	1.52E-06	1.37E-06	6.27E-07	6.19E-07	2.97E-08	7.17E-07	1.58E-07	2.06E-07	3.26E-07	5.75E-08	3.25E-07	1.82E-06
5730	488554.83	3857940.83	2.35E-03	2.29E-03	2.26E-03	8.12E-07	2.45E-06	1.42E-06	1.38E-06	1.26E-06	5.73E-07	5.65E-07	2.71E-08	6.55E-07	1.45E-07	1.88E-07	2.98E-07	5.26E-08	2.97E-07	1.66E-06
5731	488646.1	3857939.36	2.16E-03	2.11E-03	2.08E-03	7.49E-07	2.26E-06	1.31E-06	1.28E-06	1.16E-06	5.29E-07	5.22E-07	2.50E-08	6.04E-07	1.33E-07	1.74E-07	2.75E-07	4.85E-08	2.74E-07	1.53E-06
5732	488737.37	3857937.88	2.01E-03	1.97E-03	1.94E-03	6.97E-07	2.10E-06	1.22E-06	1.19E-06	1.08E-06	4.92E-07	4.85E-07	2.33E-08	5.62E-07	1.24E-07	1.61E-07	2.56E-07	4.51E-08	2.55E-07	1.43E-06
5733	488733.59	3857960.57	2.07E-03	2.02E-03	1.99E-03	7.15E-07	2.16E-06	1.25E-06	1.22E-06	1.11E-06	5.04E-07	4.98E-07	2.39E-08	5.77E-07	1.27E-07	1.66E-07	2.63E-07	4.63E-08	2.61E-07	1.46E-06
5734	488638.09	3857961.57	2.23E-03	2.18E-03	2.15E-03	7.73E-07	2.33E-06	1.35E-06	1.32E-06	1.19E-06	5.45E-07	5.38E-07	2.58E-08	6.23E-07	1.38E-07	1.79E-07	2.84E-07	5.00E-08	2.82E-07	1.58E-06
5735	488542.6	3857962.56	2.44E-03	2.38E-03	2.35E-03	8.44E-07	2.55E-06	1.48E-06	1.44E-06	1.30E-06	5.95E-07	5.87E-07	2.82E-08	6.81E-07	1.50E-07	1.95E-07	3.10E-07	5.46E-08	3.08E-07	1.73E-06
5736	488447.1	3857963.56	2.69E-03	2.63E-03	2.59E-03	9.32E-07	2.81E-06	1.63E-06	1.59E-06	1.44E-06	6.57E-07	6.49E-07	3.11E-08	7.52E-07	1.66E-07	2.16E-07	3.42E-07	6.03E-08	3.40E-07	1.91E-06
5737	488254.28	3857890.36	3.04E-03	2.97E-03	2.93E-03	1.05E-06	3.18E-06	1.84E-06	1.80E-06	1.63E-06	7.43E-07	7.33E-07	3.52E-08	8.49E-07	1.87E-07	2.44E-07	3.87E-07	6.82E-08	3.85E-07	2.16E-06
5738	488191.69	3857833.06	3.01E-03	2.94E-03	2.90E-03	1.04E-06	3.15E-06	1.82E-06	1.78E-06	1.61E-06	7.35E-07	7.25E-07	3.48E-08	8.40E-07	1.85E-07	2.41E-07	3.83E-07	6.75E-08	3.81E-07	2.13E-06
5739	488129.5	3857907.43	3.88E-03	3.79E-03	3.74E-03	1.34E-06	4.06E-06	2.35E-06	2.29E-06	2.08E-06	9.48E-07	9.35E-07	4.48E-08	1.08E-06	2.39E-07	3.11E-07	4.93E-07	8.70E-08	4.91E-07	2.75E-06
5740	488196.47	3857968.73	3.92E-03	3.82E-03	3.77E-03	1.36E-06	4.10E-06	2.37E-06	2.31E-06	2.10E-06	9.57E-07	9.45E-07	4.53E-08	1.09E-06	2.42E-07	3.14E-07	4.98E-07	8.79E-08	4.96E-07	2.78E-06
5741	488263.44	3858030.04	3.94E-03	3.85E-03	3.80E-03	1.37E-06	4.12E-06	2.39E-06	2.33E-06	2.11E-06	9.63E-07	9.51E-07	4.56E-08	1.10E-06	2.43E-07	3.16E-07	5.02E-07	8.84E-08	4.99E-07	2.80E-06
5742	488400.64	3858132.9	3.84E-03	3.75E-03	3.70E-03	1.33E-06	4.02E-06	2.33E-06	2.27E-06	2.06E-06	9.39E-07	9.26E-07	4.44E-08	1.07E-06	2.37E-07	3.08E-07	4.89E-07	8.62E-08	4.86E-07	2.72E-06
5743	488519.89	3858218.38	3.87E-03	3.77E-03	3.72E-03	1.34E-06	4.04E-06	2.34E-06	2.28E-06	2.07E-06	9.44E-07	9.32E-07	4.47E-08	1.08E-06	2.38E-07	3.10E-07	4.92E-07	8.67E-08	4.89E-07	2.74E-06
5744	488647.97	3858214.99	3.17E-03	3.09E-03	3.05E-03	1.10E-06	3.31E-06	1.92E-06	1.87E-06	1.70E-06	7.74E-07	7.64E-07	3.66E-08	8.85E-07	1.95E-07	2.54E-07	4.03E-07	7.10E-08	4.01E-07	2.25E-06
5745	488727.05	3858167.67	2.68E-03	2.62E-03	2.58E-03	9.29E-07	2.80E-06	1.62E-06	1.58E-06	1.44E-06	6.55E-07	6.47E-07	3.10E-08	7.49E-07	1.65E-07	2.15E-07	3.41E-07	6.01E-08	3.39E-07	1.90E-06
5746	488806.12	3858120.35	2.34E-03	2.28E-03	2.25E-03	8.09E-07	2.44E-06	1.41E-06	1.38E-06	1.25E-06	5.71E-07	5.63E-07	2.70E-08	6.53E-07	1.44E-07	1.87E-07	2.97E-07	5.24E-08	2.96E-07	1.66E-06
5747	488885.2	3858073.03	2.08E-03	2.03E-03	2.00E-03	7.19E-07	2.17E-06	1.26E-06	1.23E-06	1.11E-06	5.07E-07	5.00E-07	2.40E-08	5.80E-07	1.28E-07	1.66E-07	2.64E-07	4.65E-08	2.63E-07	1.47E-06
5748	489055.76	3857991.17	1.71E-03	1.67E-03	1.65E-03	5.92E-07	1.79E-06	1.03E-06	1.01E-06	9.15E-07	4.18E-07	4.12E-07	1.98E-08	4.77E-07	1.05E-07	1.37E-07	2.17E-07	3.83E-08	2.16E-07	1.21E-06
5749	489245.39	3857944.54	1.48E-03	1.45E-03	1.43E-03	5.13E-07	1.55E-06	8.97E-07	8.75E-07	7.93E-07	3.62E-07	3.57E-07	1.71E-08	4.14E-07	9.13E-08	1.19E-07	1.88E-07	3.32E-08	1.87E-07	1.05E-06
5750	489430.63	3857930.91	1.35E-03	1.32E-03	1.30E-03	4.67E-07	1.41E-06	8.16E-07	7.97E-07	7.22E-07	3.29E-07	3.25E-07	1.56E-08	3.77E-07	8.31E-08	1.08E-07	1.72E-07	3.02E-08	1.71E-07	9.56E-07
5751	489517.74	3857929.36	1.30E-03	1.27E-03	1.25E-03	4.50E-07	1.36E-06	7.86E-07	7.67E-07	6.95E-07	3.17E-07	3.13E-07	1.50E-08	3.63E-07	8.00E-08	1.04E-07	1.65E-07	2.91E-08	1.64E-07	9.20E-07
5752	489604.85	3857927.82	1.25E-03	1.22E-03	1.20E-03	4.33E-07	1.31E-06	7.57E-07	7.39E-07	6.70E-07	3.06E-07	3.02E-07	1.45E-08	3.49E-07	7.71E-08	1.00E-07	1.59E-07	2.80E-08	1.58E-07	8.87E-07
5753	489691.97	3857926.28	1.21E-03	1.18E-03	1.16E-03	4.19E-07	1.26E-06	7.32E-07	7.14E-07	6.47E-07	2.95E-07	2.91E-07	1.40E-08	3.38E-07	7.45E-08	9.69E-08	1.54E-07	2.71E-08	1.53E-07	8.57E-07
5754	489779.08	3857924.73	1.17E-03	1.14E-03	1.13E-03	4.05E-07	1.22E-06	7.08E-07	6.91E-07	6.26E-07	2.86E-07	2.82E-07	1.35E-08	3.27E-07	7.21E-08	9.38E-08	1.49E-07	2.62E-08	1.48E-07	8.29E-07
5755	490017.55	3857875.08	1.05E-03	1.03E-03	1.01E-03	3.64E-07	1.10E-06	6.36E-07	6.20E-07	5.62E-07	2.57E-07	2.53E-07	1.21E-08	2.93E-07	6.47E-08	8.42E-08	1.34E-07	2.36E-08	1.33E-07	7.45E-07
5756	490033.82	3857960.81	1.09E-03	1.07E-03	1.05E-03	3.78E-07	1.14E-06	6.61E-07	6.45E-07	5.85E-07	2.67E-07	2.63E-07	1.26E-08	3.05E-07	6.74E-08	8.76E-08	1.39E-07	2.45E-08	1.38E-07	7.75E-07
5757	489959.15	3857987.49	1.14E-03	1.11E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	6.73E-07	6.10E-07	2.78E-07	2.75E-07	1.32E-08	3.18E-07	7.02E-08	9.14E-08	1.45E-07	2.56E-08	1.44E-07	8.08E-07
5758	489791.49	3858016.12	1.22E-03	1.19E-03	1.18E-03	4.23E-07	1.28E-06	7.39E-07	7.21E-07	6.54E-07	2.98E-07	2.94E-07	1.41E-08	3.41E-07	7.53E-08	9.79E-08	1.55E-07	2.74E-08	1.55E-07	8.66E-07
5759	489698.51	3858018.07	1.27E-03	1.24E-03	1.22E-03	4.39E-07	1.33E-06	7.68E-07	7.49E-07	6.79E-07	3.10E-07	3.06E-07	1.47E-08	3.54E-07	7.82E-08	1.02E-07	1.61E-07	2.84E-08	1.61E-07	8.99E-07
5760	489605.52	3858020.01	1.32E-03	1.29E-03	1.27E-03	4.57E-07	1.38E-06	8.00E-07	7.80E-07	7.07E-07	3.23E-07	3.18E-07	1.53E-08	3.69E-07	8.14E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.36E-07
5761	489512.53	3858021.96	1.38E-03	1.34E-03	1.33E-03	4.77E-07	1.44E-06	8.34E-07	8.14E-07	7.37E-07	3.36E-07	3.32E-07	1.59E-08	3.85E-07	8.49E-08	1.10E-07	1.75E-07	3.09E-08	1.74E-07	9.76E-07
5762	489419.55	3858023.91	1.44E-03	1.41E-03	1.39E-03	4.99E-07	1.51E-06	8.72E-07	8.51E-07	7.72E-07	3.52E-07	3.47E-07	1.67E-08	4.03E-07	8.88E-08	1.16E-07	1.83E-07	3.23E-08	1.82E-07	1.02E-06
5763	489228.47	3858041.29	1.60E-03	1.56E-03	1.54E-03	5.54E-07	1.67E-06	9.68E-07	9.45E-07	8.56E-07	3.91E-07	3.86E-07	1.85E-08	4.47E-07	9.86E-08	1.28E-07	2.03E-07	3.59E-08	2.02E-07	1.13E-06
5764	489065.75	3858085.78	1.84E-03	1.80E-03	1.77E-03	6.38E-07	1.92E-06	1.11E-06	1.09E-06	9.86E-07	4.50E-07	4.44E-07	2.13E-08	5.14E-07	1.13E-07	1.48E-07	2.34E-07	4.13E-08	2.33E-07	1.31E-06
5765	489001.12	3858114.86	1.98E-03	1.93E-03	1.91E-03	6.86E-07	2.07E-06	1.20E-06	1.17E-06	1.06E-06	4.84E-07	4.77E-07	2.29E-08	5.53E-07	1.22E-07	1.59E-07	2.52E-07	4.44E-08	2.50E-07	1.40E-06
5766	488861.89	3858189.81	2.41E-03	2.35E-03	2.32E-03	8.33E-07	2.51E-06	1.46E-06	1.42E-06	1.29E-06	5.87E-07	5.80E-07	2.78E-08	6.72E-07	1.48E-07	1.93E-07	3.06E-07	5.39E-08	3.04E-07	1.70E-06
5767	488787.29	3858235.69	2.77E-03	2.70E-03	2.66E-03	9.58E-07	2.89E-06	1.67E-06	1.63E-06	1.48E-06	6.76E-07	6.67E-07	3.20E-08	7.73E-07	1.71E-07	2.22E-07	3.52E-07	6.20E-08	3.50E-07	1.96E-06
5768	488712.68	3858281.57	3.25E-03	3.17E-03	3.13E-03	1.12E-06	3.40E-06	1.97E-06	1.92E-06	1.74E-06	7.93E-07	7.83E-07	3.76E-08	9.07E-07	2.00E-07	2.60E-07	4.13E-07	7.28E-08	4.11E-07	2.30E-06

5769	488654.39	3858436.17	5.10E-03	4.98E-03	4.91E-03	1.77E-06	5.33E-06	3.09E-06	3.01E-06	2.73E-06	1.25E-06	1.23E-06	5.90E-08	1.42E-06	3.14E-07	4.09E-07	6.49E-07	1.14E-07	6.45E-07	3.62E-06
5770	488726.3	3858505.26	5.28E-03	5.16E-03	5.09E-03	1.83E-06	5.52E-06	3.20E-06	3.12E-06	2.83E-06	1.29E-06	1.27E-06	6.11E-08	1.48E-06	3.26E-07	4.24E-07	6.72E-07	1.18E-07	6.68E-07	3.74E-06
5771	488880.6	3858599.28	4.93E-03	4.81E-03	4.75E-03	1.71E-06	5.16E-06	2.98E-06	2.91E-06	2.64E-06	1.20E-06	1.19E-06	5.70E-08	1.38E-06	3.04E-07	3.95E-07	6.27E-07	1.11E-07	6.24E-07	3.49E-06
5772	489008.06	3858714.75	5.38E-03	5.25E-03	5.18E-03	1.86E-06	5.63E-06	3.26E-06	3.18E-06	2.88E-06	1.31E-06	1.30E-06	6.22E-08	1.50E-06	3.32E-07	4.31E-07	6.85E-07	1.21E-07	6.81E-07	3.81E-06
5773	489071.48	3858772.72	5.73E-03	5.59E-03	5.52E-03	1.98E-06	5.99E-06	3.47E-06	3.38E-06	3.07E-06	1.40E-06	1.38E-06	6.62E-08	1.60E-06	3.53E-07	4.59E-07	7.29E-07	1.28E-07	7.25E-07	4.06E-06
5774	489244.59	3858920.19	6.69E-03	6.53E-03	6.45E-03	2.32E-06	7.00E-06	4.05E-06	3.95E-06	3.58E-06	1.64E-06	1.61E-06	7.74E-08	1.87E-06	4.12E-07	5.37E-07	8.51E-07	1.50E-07	8.47E-07	4.74E-06
5775	489239.69	3858952.23	7.83E-03	7.64E-03	7.54E-03	2.71E-06	8.18E-06	4.74E-06	4.62E-06	4.19E-06	1.91E-06	1.89E-06	9.05E-08	2.19E-06	4.82E-07	6.28E-07	9.96E-07	1.75E-07	9.90E-07	5.55E-06
5776	489121.67	3858854.49	6.99E-03	6.83E-03	6.74E-03	2.42E-06	7.31E-06	4.23E-06	4.13E-06	3.74E-06	1.71E-06	1.69E-06	8.09E-08	1.95E-06	4.31E-07	5.61E-07	8.90E-07	1.57E-07	8.85E-07	4.96E-06
5777	489059.59	3858797.27	6.47E-03	6.32E-03	6.23E-03	2.24E-06	6.77E-06	3.92E-06	3.82E-06	3.46E-06	1.58E-06	1.56E-06	7.48E-08	1.81E-06	3.99E-07	5.19E-07	8.23E-07	1.45E-07	8.19E-07	4.59E-06
5778	488997.52	3858740.04	6.01E-03	5.87E-03	5.79E-03	2.08E-06	6.28E-06	3.64E-06	3.55E-06	3.22E-06	1.47E-06	1.45E-06	6.95E-08	1.68E-06	3.70E-07	4.82E-07	7.65E-07	1.35E-07	7.60E-07	4.26E-06
5779	488935.44	3858682.82	5.66E-03	5.52E-03	5.45E-03	1.96E-06	5.91E-06	3.42E-06	3.34E-06	3.03E-06	1.38E-06	1.36E-06	6.54E-08	1.58E-06	3.48E-07	4.53E-07	7.19E-07	1.27E-07	7.15E-07	4.01E-06
5780	488869.17	3858848.43	2.11E-02	2.06E-02	2.03E-02	7.31E-06	2.21E-05	1.28E-05	1.25E-05	1.13E-05	5.16E-06	5.09E-06	2.44E-07	5.90E-06	1.30E-06	1.69E-06	2.69E-06	4.73E-07	2.67E-06	1.50E-05
5781	488932.48	3858892.69	2.17E-02	2.12E-02	2.09E-02	7.51E-06	2.27E-05	1.31E-05	1.28E-05	1.16E-05	5.30E-06	5.23E-06	2.51E-07	6.06E-06	1.34E-06	1.74E-06	2.76E-06	4.86E-07	2.74E-06	1.54E-05
5782	489063.27	3858977.17	2.14E-02	2.09E-02	2.06E-02	7.40E-06	2.23E-05	1.29E-05	1.26E-05	1.14E-05	5.22E-06	5.15E-06	2.47E-07	5.97E-06	1.32E-06	1.71E-06	2.72E-06	4.79E-07	2.70E-06	1.51E-05
5783	489248.2	3859117.15	3.02E-02	2.95E-02	2.91E-02	1.05E-05	3.16E-05	1.83E-05	1.78E-05	1.62E-05	7.38E-06	7.28E-06	3.49E-07	8.44E-06	1.86E-06	2.42E-06	3.84E-06	6.77E-07	3.82E-06	2.14E-05
5784	489296.25	3859049.22	1.13E-02	1.10E-02	1.09E-02	3.91E-06	1.18E-05	6.83E-06	6.66E-06	6.04E-06	2.76E-06	2.72E-06	1.30E-07	3.15E-06	6.95E-07	9.04E-07	1.43E-06	2.53E-07	1.43E-06	8.00E-06
5785	489353.38	3858993.96	6.95E-03	6.78E-03	6.69E-03	2.40E-06	7.26E-06	4.20E-06	4.10E-06	3.72E-06	1.70E-06	1.67E-06	8.03E-08	1.94E-06	4.28E-07	5.57E-07	8.83E-07	1.56E-07	8.79E-07	4.92E-06
5786	489537.24	3859120.22	7.70E-03	7.52E-03	7.42E-03	2.67E-06	8.05E-06	4.66E-06	4.55E-06	4.12E-06	1.88E-06	1.86E-06	8.90E-08	2.15E-06	4.75E-07	6.17E-07	9.79E-07	1.73E-07	9.74E-07	5.46E-06
5787	489726.98	3859246.04	8.61E-03	8.40E-03	8.29E-03	2.98E-06	8.99E-06	5.21E-06	5.08E-06	4.61E-06	2.10E-06	2.07E-06	9.95E-08	2.40E-06	5.30E-07	6.90E-07	1.09E-06	1.93E-07	1.09E-06	6.10E-06
5788	489911.46	3859366.33	9.57E-03	9.34E-03	9.21E-03	3.31E-06	1.00E-05	5.79E-06	5.65E-06	5.12E-06	2.34E-06	2.31E-06	1.11E-07	2.67E-06	5.90E-07	7.67E-07	1.22E-06	2.14E-07	1.21E-06	6.78E-06
5789	490035.3	3859430.26	9.50E-03	9.27E-03	9.14E-03	3.29E-06	9.93E-06	5.75E-06	5.61E-06	5.08E-06	2.32E-06	2.29E-06	1.10E-07	2.65E-06	5.85E-07	7.61E-07	1.21E-06	2.13E-07	1.20E-06	6.73E-06
5790	490101.11	3859458.61	9.19E-03	8.96E-03	8.85E-03	3.18E-06	9.60E-06	5.56E-06	5.42E-06	4.92E-06	2.24E-06	2.21E-06	1.06E-07	2.57E-06	5.66E-07	7.36E-07	1.17E-06	2.06E-07	1.16E-06	6.51E-06
5791	490312.68	3859560.3	9.92E-03	9.68E-03	9.55E-03	3.43E-06	1.04E-05	6.00E-06	5.86E-06	5.31E-06	2.42E-06	2.39E-06	1.15E-07	2.77E-06	6.11E-07	7.95E-07	1.26E-06	2.22E-07	1.25E-06	7.03E-06
5792	490401.63	3859603.12	1.06E-02	1.03E-02	1.02E-02	3.66E-06	1.11E-05	6.40E-06	6.24E-06	5.66E-06	2.58E-06	2.55E-06	1.22E-07	2.95E-06	6.52E-07	8.48E-07	1.34E-06	2.37E-07	1.34E-06	7.49E-06
5793	490490.57	3859645.94	1.13E-02	1.10E-02	1.08E-02	3.90E-06	1.18E-05	6.81E-06	6.65E-06	6.03E-06	2.75E-06	2.71E-06	1.30E-07	3.14E-06	6.94E-07	9.03E-07	1.43E-06	2.52E-07	1.42E-06	7.98E-06
5794	490579.51	3859688.76	1.19E-02	1.16E-02	1.15E-02	4.13E-06	1.25E-05	7.21E-06	7.04E-06	6.38E-06	2.91E-06	2.87E-06	1.38E-07	3.33E-06	7.34E-07	9.55E-07	1.52E-06	2.67E-07	1.51E-06	8.44E-06
5795	490668.45	3859731.58	1.23E-02	1.20E-02	1.19E-02	4.26E-06	1.29E-05	7.45E-06	7.27E-06	6.59E-06	3.01E-06	2.97E-06	1.42E-07	3.44E-06	7.58E-07	9.87E-07	1.57E-06	2.76E-07	1.56E-06	8.72E-06
5796	490757.4	3859774.4	1.34E-02	1.31E-02	1.29E-02	4.65E-06	1.40E-05	8.12E-06	7.93E-06	7.18E-06	3.28E-06	3.23E-06	1.55E-07	3.75E-06	8.27E-07	1.08E-06	1.71E-06	3.01E-07	1.70E-06	9.51E-06
5797	491003.53	3859861.82	1.17E-02	1.14E-02	1.13E-02	4.05E-06	1.22E-05	7.07E-06	6.90E-06	6.26E-06	2.85E-06	2.82E-06	1.35E-07	3.26E-06	7.20E-07	9.37E-07	1.49E-06	2.62E-07	1.48E-06	8.28E-06
5798	491081.41	3859879.05	1.02E-02	9.99E-03	9.86E-03	3.54E-06	1.07E-05	6.19E-06	6.04E-06	5.48E-06	2.50E-06	2.47E-06	1.18E-07	2.86E-06	6.31E-07	8.21E-07	1.30E-06	2.29E-07	1.29E-06	7.25E-06
5799	491229.76	3859917.82	8.15E-03	7.95E-03	7.85E-03	2.82E-06	8.52E-06	4.93E-06	4.81E-06	4.36E-06	1.99E-06	1.96E-06	9.42E-08	2.28E-06	5.02E-07	6.53E-07	1.04E-06	1.83E-07	1.03E-06	5.78E-06
5800	491300.22	3859939.35	7.42E-03	7.24E-03	7.14E-03	2.57E-06	7.75E-06	4.49E-06	4.38E-06	3.97E-06	1.81E-06	1.79E-06	8.57E-08	2.07E-06	4.57E-07	5.95E-07	9.43E-07	1.66E-07	9.38E-07	5.26E-06
5801	491350.48	3860012.03	8.83E-03	8.61E-03	8.50E-03	3.06E-06	9.23E-06	5.34E-06	5.21E-06	4.72E-06	2.16E-06	2.13E-06	1.02E-07	2.46E-06	5.44E-07	7.08E-07	1.12E-06	1.98E-07	1.12E-06	6.26E-06
5802	491406.82	3860092.56	1.03E-02	1.01E-02	9.92E-03	3.57E-06	1.08E-05	6.24E-06	6.09E-06	5.52E-06	2.52E-06	2.48E-06	1.19E-07	2.88E-06	6.35E-07	8.26E-07	1.31E-06	2.31E-07	1.30E-06	7.30E-06
5803	491483.36	3860121.96	8.82E-03	8.60E-03	8.49E-03	3.05E-06	9.22E-06	5.34E-06	5.21E-06	4.72E-06	2.15E-06	2.12E-06	1.02E-07	2.46E-06	5.43E-07	7.07E-07	1.12E-06	1.98E-07	1.12E-06	6.25E-06
5804	491559.91	3860151.35	7.71E-03	7.53E-03	7.43E-03	2.67E-06	8.06E-06	4.67E-06	4.55E-06	4.13E-06	1.88E-06	1.86E-06	8.92E-08	2.15E-06	4.75E-07	6.18E-07	9.81E-07	1.73E-07	9.76E-07	5.47E-06
5805	491711.81	3860237.76	5.62E-03	5.49E-03	5.42E-03	1.95E-06	5.88E-06	3.40E-06	3.32E-06	3.01E-06	1.37E-06	1.36E-06	6.50E-08	1.57E-06	3.47E-07	4.51E-07	7.15E-07	1.26E-07	7.11E-07	3.99E-06
5806	491755.2	3860319.07	8.11E-03	7.91E-03	7.81E-03	2.81E-06	8.48E-06	4.91E-06	4.79E-06	4.34E-06	1.98E-06	1.95E-06	9.38E-08	2.26E-06	5.00E-07	6.50E-07	1.03E-06	1.82E-07	1.03E-06	5.75E-06
5807	491704.71	3860366.54	1.31E-02	1.28E-02	1.26E-02	4.54E-06	1.37E-05	7.94E-06	7.75E-06	7.03E-06	3.21E-06	3.16E-06	1.52E-07	3.67E-06	8.09E-07	1.05E-06	1.67E-06	2.94E-07	1.66E-06	9.30E-06
5808	491623.42	3860462.39	1.33E-02	1.30E-02	1.28E-02	4.60E-06	1.39E-05	8.03E-06	7.84E-06	7.11E-06	3.24E-06	3.20E-06	1.53E-07	3.71E-06	8.18E-07	1.06E-06	1.69E-06	2.98E-07	1.68E-06	9.41E-06
5809	491534.02	3860439.84	5.70E-03	5.56E-03	5.49E-03	1.97E-06	5.96E-06	3.45E-06	3.37E-06	3.05E-06	1.39E-06	1.37E-06	6.59E-08	1.59E-06	3.51E-07	4.57E-07	7.25E-07	1.28E-07	7.21E-07	4.04E-06
5810	491313.95	3860268.17	7.21E-03	7.03E-03	6.94E-03	2.50E-06	7.53E-06	4.36E-06	4.26E-06	3.86E-06	1.76E-06	1.74E-06	8.33E-08	2.01E-06	4.44E-07	5.78E-07	9.17E-07	1.62E-07	9.12E-07	5.11E-06
5811	491187.12	3860143.56	1.05E-02	1.03E-02	1.02E-02	3.65E-06	1.10E-05	6.38E-06	6.23E-06	5.65E-06	2.58E-06	2.54E-06	1.22E-07	2.95E-06	6.50E-07	8.46E-07	1.34E-06	2.36E-07	1.33E-06	7.48E-06
5812	491070.43	3860075.97	9.12E-03	8.90E-03	8.78E-03	3.16E-06	9.53E-06	5.52E-06	5.38E-06	4.88E-06	2.23E-06	2.20E-06	1.05E-07	2.55E-06	5.62E-07	7.31E-07	1.16E-06	2.04E-07	1.15E-06	6.46E-06
5813	490995.09	3860039.38	8.42E-03	8.22E-03	8.11E-03	2.92E-06	8.81E-06	5.10E-06	4.97E-06	4.51E-06	2.06E-06	2.03E-06	9.74E-08	2.35E-06	5.19E-07	6.75E-07	1.07E-06	1.89E-07	1.07E-06	5.97E-06
5814	490919.75	3860002.8	8.45E-03	8.24E-03	8.13E-03	2.92E-06	8.83E-06	5.11E-06	4.99E-06	4.52E-06	2.06E-06	2.04E-06	9.76E-08	2.36E-06	5.20E-07	6.77E-07	1.07E-06	1.89E-07	1.07E-06	5.98E-06
5815	490756.81	3859894.53	1.93E-02	1.89E-02	1.86E-02	6.69E-06	2.02E-05	1.17E-05	1.14E-05	1.04E-05	4.72E-06	4.66E-06	2.24E-07	5.40E-06	1.19E-06	1.55E-06	2.46E-06	4.33E-07	2.45E-06	1.37E-05
5816	490668.07	3859860.92	1.83E-02	1.78E-02	1.76E-02	6.32E-06	1.91E-05	1.11E-05	1.08E-05	9.78E-06	4.46E-06	4.40E-06	2.11E-07	5.10E-06	1.13E-06	1.46E-06	2.32E-06	4.09E-07	2.31E-06	1.29E-05
5817	490579.34	3859827.3	1.79E-02	1.74E-02	1.72E-02	6.18E-06	1.87E-05	1.08E-05	1.05E-05	9.56E-06	4.36E-06	4.30E-06	2.06E-07	4.99E-06	1.10E-06	1.43E-06	2.27E-06	4.00E-07	2.26E-06	1.27E-05
5818	490490.6	3859793.68	1.67E-02	1.63E-02	1.60E-02	5.77E-06	1.74E-05	1.01E-05	9.84E-06	8.92E-06	4.07E-06	4.02E-06	1.93E-07	4.65E-06	1.03E-06	1.34E-06	2.12E-06	3.74E-07	2.11E-06	1.18E-05
5819	490401.86	3859760.07	1.58E-02	1.54E-02	1.52E-02	5.47E-06	1.65E-05	9.57E-06	9.34E-06	8.46E-06	3.86E-06	3.81E-06	1.83E-07	4.41E-06	9.74E-07	1.27E-06	2.01E-06	3.54E-07	2.00E-06	1.12E-05
5820	490313.12	3859726.45	1.55E-02	1.51E-02	1.49E-02	5.36E-06	1.62E-05	9.37E-06	9.14E-06	8.29E-06	3.78E-06	3.73E-06	1.79E-07	4.32E-06	9.54E-07	1.24E-06	1.97E-06	3.47E-07	1.96E-06	1.10E-05
5821	490224.39	3859692.83	1.52E-02	1.49E-02	1.47E-02	5.27E-06	1.59E-05	9.21E-06	8.99E-06	8.15E-06	3.72E-06	3.67E-06	1.76E-07	4.25E-06	9.38E-07	1.22E-06	1.94E-06	3.41E-07	1.93E-06	1.08E-05
5822	490135.65	3859659.22	1.50E-02	1.46E-02	1.44E-02	5.19E-06	1.57E-05	9.07E-06	8.85E-06	8.02E-06	3.66E-06	3.61E-06	1.73E-07	4.18E-06	9.23E-07	1.20E-06	1.91E-06	3.36E-07	1.90E-06	1.06E-05
5823	489918.18	3859559.23	1.55E-02	1.51E-02	1.49E-02	5.36E-06	1.62E-05	9.37E-06	9.14E-06	8.29E-06	3.78E-06	3.73E-06	1.79E-07	4.32E-06	9.54E-07	1.24E-06	1.97E-06	3.47E-07	1.96E-06	1.10E-05

5824	489743.61	3859486	1.02E-02	9.98E-03	9.85E-03	3.54E-06	1.07E-05	6.19E-06	6.04E-06	5.48E-06	2.50E-06	2.47E-06	1.18E-07	2.86E-06	6.30E-07	8.20E-07	1.30E-06	2.29E-07	1.29E-06	7.25E-06
5825	489660.32	3859440.27	1.02E-02	9.94E-03	9.81E-03	3.53E-06	1.07E-05	6.17E-06	6.02E-06	5.45E-06	2.49E-06	2.46E-06	1.18E-07	2.85E-06	6.28E-07	8.17E-07	1.30E-06	2.28E-07	1.29E-06	7.22E-06
5826	489577.04	3859394.53	1.02E-02	9.91E-03	9.78E-03	3.52E-06	1.06E-05	6.15E-06	6.00E-06	5.44E-06	2.48E-06	2.45E-06	1.17E-07	2.84E-06	6.26E-07	8.14E-07	1.29E-06	2.28E-07	1.28E-06	7.20E-06
5827	489493.75	3859348.8	1.01E-02	9.82E-03	9.69E-03	3.48E-06	1.05E-05	6.09E-06	5.94E-06	5.38E-06	2.46E-06	2.42E-06	1.16E-07	2.81E-06	6.20E-07	8.06E-07	1.28E-06	2.25E-07	1.27E-06	7.13E-06
5828	489321.28	3859240.02	1.22E-02	1.19E-02	1.17E-02	4.21E-06	1.27E-05	7.35E-06	7.18E-06	6.50E-06	2.97E-06	2.93E-06	1.40E-07	3.39E-06	7.49E-07	9.74E-07	1.55E-06	2.72E-07	1.54E-06	8.61E-06
5829	489235.41	3859193.96	1.17E-02	1.15E-02	1.13E-02	4.06E-06	1.23E-05	7.10E-06	6.93E-06	6.28E-06	2.87E-06	2.83E-06	1.36E-07	3.28E-06	7.23E-07	9.41E-07	1.49E-06	2.63E-07	1.48E-06	8.32E-06
5830	489149.54	3859147.89	1.09E-02	1.06E-02	1.05E-02	3.78E-06	1.14E-05	6.60E-06	6.44E-06	5.84E-06	2.66E-06	2.63E-06	1.26E-07	3.05E-06	6.72E-07	8.74E-07	1.39E-06	2.44E-07	1.38E-06	7.73E-06
5831	489063.68	3859101.82	1.03E-02	1.01E-02	9.94E-03	3.57E-06	1.08E-05	6.24E-06	6.09E-06	5.52E-06	2.52E-06	2.49E-06	1.19E-07	2.88E-06	6.36E-07	8.27E-07	1.31E-06	2.31E-07	1.31E-06	7.31E-06
5832	488977.81	3859055.75	9.66E-03	9.43E-03	9.30E-03	3.34E-06	1.01E-05	5.85E-06	5.70E-06	5.17E-06	2.36E-06	2.33E-06	1.12E-07	2.70E-06	5.95E-07	7.74E-07	1.23E-06	2.17E-07	1.22E-06	6.85E-06
5833	488891.94	3859009.69	8.92E-03	8.71E-03	8.59E-03	3.09E-06	9.33E-06	5.40E-06	5.27E-06	4.78E-06	2.18E-06	2.15E-06	1.03E-07	2.49E-06	5.50E-07	7.15E-07	1.13E-06	2.00E-07	1.13E-06	6.32E-06
5834	488808	3859060.73	3.51E-03	3.42E-03	3.38E-03	1.21E-06	3.67E-06	2.12E-06	2.07E-06	1.88E-06	8.57E-07	8.46E-07	4.06E-08	9.80E-07	2.16E-07	2.81E-07	4.46E-07	7.87E-08	4.44E-07	2.49E-06
5835	488809.93	3859157.85	2.24E-03	2.19E-03	2.16E-03	7.75E-07	2.34E-06	1.36E-06	1.32E-06	1.20E-06	5.47E-07	5.40E-07	2.59E-08	6.25E-07	1.38E-07	1.80E-07	2.85E-07	5.02E-08	2.83E-07	1.59E-06
5836	488811.85	3859254.96	1.66E-03	1.62E-03	1.60E-03	5.75E-07	1.74E-06	1.01E-06	9.81E-07	8.89E-07	4.06E-07	4.00E-07	1.92E-08	4.64E-07	1.02E-07	1.33E-07	2.11E-07	3.72E-08	2.10E-07	1.18E-06
5837	488813.78	3859352.07	1.33E-03	1.30E-03	1.28E-03	4.61E-07	1.39E-06	8.06E-07	7.86E-07	7.13E-07	3.25E-07	3.21E-07	1.54E-08	3.72E-07	8.20E-08	1.07E-07	1.69E-07	2.98E-08	1.68E-07	9.43E-07
5838	488815.71	3859449.19	1.12E-03	1.09E-03	1.08E-03	3.87E-07	1.17E-06	6.77E-07	6.61E-07	5.99E-07	2.73E-07	2.70E-07	1.29E-08	3.12E-07	6.89E-08	8.97E-08	1.42E-07	2.51E-08	1.42E-07	7.93E-07
5839	488910.04	3859547.1	1.04E-03	1.02E-03	1.01E-03	3.61E-07	1.09E-06	6.32E-07	6.16E-07	5.59E-07	2.55E-07	2.52E-07	1.21E-08	2.91E-07	6.43E-08	8.37E-08	1.33E-07	2.34E-08	1.32E-07	7.40E-07
5840	489002.45	3859547.91	1.14E-03	1.11E-03	1.09E-03	3.94E-07	1.19E-06	6.88E-07	6.71E-07	6.08E-07	2.78E-07	2.74E-07	1.31E-08	3.17E-07	7.00E-08	9.11E-08	1.45E-07	2.55E-08	1.44E-07	8.06E-07
5841	489094.85	3859548.71	1.25E-03	1.22E-03	1.20E-03	4.33E-07	1.31E-06	7.57E-07	7.39E-07	6.70E-07	3.06E-07	3.02E-07	1.45E-08	3.49E-07	7.71E-08	1.00E-07	1.59E-07	2.80E-08	1.58E-07	8.87E-07
5842	489230.05	3859601.87	1.31E-03	1.28E-03	1.26E-03	4.53E-07	1.37E-06	7.91E-07	7.72E-07	7.00E-07	3.19E-07	3.15E-07	1.51E-08	3.65E-07	8.06E-08	1.05E-07	1.66E-07	2.93E-08	1.65E-07	9.27E-07
5843	489227.52	3859680.89	1.13E-03	1.10E-03	1.08E-03	3.90E-07	1.18E-06	6.82E-07	6.65E-07	6.03E-07	2.75E-07	2.71E-07	1.30E-08	3.15E-07	6.94E-08	9.03E-08	1.43E-07	2.52E-08	1.42E-07	7.98E-07
5844	489133.47	3859760.29	9.26E-04	9.03E-04	8.91E-04	3.20E-07	9.67E-07	5.60E-07	5.47E-07	4.95E-07	2.26E-07	2.23E-07	1.07E-08	2.58E-07	5.70E-08	7.42E-08	1.18E-07	2.07E-08	1.17E-07	6.56E-07
5845	489041.96	3859760.67	8.66E-04	8.45E-04	8.34E-04	3.00E-07	9.05E-07	5.24E-07	5.11E-07	4.64E-07	2.12E-07	2.09E-07	1.00E-08	2.42E-07	5.34E-08	6.94E-08	1.10E-07	1.94E-08	1.10E-07	6.14E-07
5846	488950.45	3859761.05	8.14E-04	7.94E-04	7.84E-04	2.82E-07	8.51E-07	4.93E-07	4.81E-07	4.36E-07	1.99E-07	1.96E-07	9.41E-09	2.27E-07	5.02E-08	6.53E-08	1.04E-07	1.82E-08	1.03E-07	5.77E-07
5847	488858.94	3859761.43	7.69E-04	7.51E-04	7.41E-04	2.66E-07	8.04E-07	4.65E-07	4.54E-07	4.12E-07	1.88E-07	1.85E-07	8.89E-09	2.15E-07	4.74E-08	6.17E-08	9.78E-08	1.72E-08	9.73E-08	5.45E-07
5848	488767.43	3859761.82	7.27E-04	7.10E-04	7.00E-04	2.52E-07	7.60E-07	4.40E-07	4.29E-07	3.89E-07	1.78E-07	1.75E-07	8.41E-09	2.03E-07	4.48E-08	5.83E-08	9.25E-08	1.63E-08	9.20E-08	5.15E-07
5849	488675.92	3859762.2	6.92E-04	6.75E-04	6.66E-04	2.39E-07	7.23E-07	4.18E-07	4.08E-07	3.70E-07	1.69E-07	1.67E-07	7.99E-09	1.93E-07	4.26E-08	5.54E-08	8.80E-08	1.55E-08	8.75E-08	4.90E-07
5850	488584.41	3859762.58	6.58E-04	6.42E-04	6.34E-04	2.28E-07	6.88E-07	3.98E-07	3.89E-07	3.52E-07	1.61E-07	1.59E-07	7.61E-09	1.84E-07	4.06E-08	5.28E-08	8.37E-08	1.48E-08	8.33E-08	4.67E-07
5851	488492.9	3859762.96	6.30E-04	6.15E-04	6.06E-04	2.18E-07	6.58E-07	3.81E-07	3.72E-07	3.37E-07	1.54E-07	1.52E-07	7.28E-09	1.76E-07	3.88E-08	5.05E-08	8.01E-08	1.41E-08	7.96E-08	4.46E-07
5852	488402.76	3859830.95	5.78E-04	5.64E-04	5.56E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.68E-09	1.61E-07	3.56E-08	4.63E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
5853	488404.14	3859898.55	5.54E-04	5.41E-04	5.34E-04	1.92E-07	5.79E-07	3.35E-07	3.27E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.44E-08	7.05E-08	1.24E-08	7.01E-08	3.93E-07
5854	488505.18	3859964.96	5.55E-04	5.41E-04	5.34E-04	1.92E-07	5.80E-07	3.36E-07	3.28E-07	2.97E-07	1.35E-07	1.34E-07	6.41E-09	1.55E-07	3.42E-08	4.45E-08	7.05E-08	1.24E-08	7.02E-08	3.93E-07
5855	488604.84	3859963.76	5.75E-04	5.62E-04	5.54E-04	1.99E-07	6.01E-07	3.48E-07	3.40E-07	3.08E-07	1.41E-07	1.39E-07	6.65E-09	1.61E-07	3.55E-08	4.61E-08	7.32E-08	1.29E-08	7.28E-08	4.08E-07
5856	488704.51	3859962.56	5.99E-04	5.85E-04	5.77E-04	2.08E-07	6.27E-07	3.63E-07	3.54E-07	3.21E-07	1.46E-07	1.44E-07	6.93E-09	1.67E-07	3.69E-08	4.81E-08	7.62E-08	1.34E-08	7.58E-08	4.25E-07
5857	488804.18	3859961.37	6.27E-04	6.12E-04	6.04E-04	2.17E-07	6.55E-07	3.79E-07	3.70E-07	3.36E-07	1.53E-07	1.51E-07	7.25E-09	1.75E-07	3.86E-08	5.03E-08	7.97E-08	1.40E-08	7.93E-08	4.44E-07
5858	488903.85	3859960.17	6.58E-04	6.42E-04	6.33E-04	2.28E-07	6.87E-07	3.98E-07	3.88E-07	3.52E-07	1.61E-07	1.58E-07	7.60E-09	1.84E-07	4.05E-08	5.27E-08	8.36E-08	1.47E-08	8.32E-08	4.66E-07
5859	489003.52	3859958.97	6.90E-04	6.74E-04	6.65E-04	2.39E-07	7.22E-07	4.18E-07	4.08E-07	3.69E-07	1.69E-07	1.66E-07	7.98E-09	1.93E-07	4.25E-08	5.53E-08	8.78E-08	1.55E-08	8.73E-08	4.89E-07
5860	489103.18	3859957.77	7.28E-04	7.10E-04	7.01E-04	2.52E-07	7.61E-07	4.40E-07	4.30E-07	3.89E-07	1.78E-07	1.75E-07	8.41E-09	2.03E-07	4.48E-08	5.83E-08	9.25E-08	1.63E-08	9.20E-08	5.16E-07
5861	489201.48	3860046.59	7.05E-04	6.88E-04	6.79E-04	2.44E-07	7.37E-07	4.27E-07	4.16E-07	3.77E-07	1.72E-07	1.70E-07	8.15E-09	1.97E-07	4.35E-08	5.65E-08	8.97E-08	1.58E-08	8.92E-08	5.00E-07
5862	489200.11	3860136.61	6.53E-04	6.38E-04	6.29E-04	2.26E-07	6.83E-07	3.95E-07	3.86E-07	3.50E-07	1.60E-07	1.57E-07	7.55E-09	1.82E-07	4.03E-08	5.24E-08	8.31E-08	1.46E-08	8.26E-08	4.63E-07
5863	489198.74	3860226.63	6.12E-04	5.98E-04	5.90E-04	2.12E-07	6.40E-07	3.71E-07	3.62E-07	3.28E-07	1.50E-07	1.48E-07	7.08E-09	1.71E-07	3.77E-08	4.91E-08	7.79E-08	1.37E-08	7.74E-08	4.34E-07
5864	489197.38	3860316.66	5.77E-04	5.63E-04	5.56E-04	2.00E-07	6.03E-07	3.49E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.67E-09	1.61E-07	3.56E-08	4.63E-08	7.34E-08	1.29E-08	7.30E-08	4.09E-07
5865	489196.01	3860406.68	5.44E-04	5.31E-04	5.24E-04	1.88E-07	5.69E-07	3.29E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.29E-09	1.52E-07	3.35E-08	4.36E-08	6.92E-08	1.22E-08	6.88E-08	3.86E-07
5866	489194.64	3860496.7	5.10E-04	4.98E-04	4.91E-04	1.77E-07	5.33E-07	3.09E-07	3.01E-07	2.73E-07	1.25E-07	1.23E-07	5.90E-09	1.42E-07	3.14E-08	4.09E-08	6.49E-08	1.14E-08	6.45E-08	3.62E-07
5867	489193.27	3860586.72	4.79E-04	4.68E-04	4.61E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.06E-08	3.40E-07
5868	489092.02	3860678.13	4.38E-04	4.27E-04	4.21E-04	1.52E-07	4.57E-07	2.65E-07	2.58E-07	2.34E-07	1.07E-07	1.05E-07	5.06E-09	1.22E-07	2.70E-08	3.51E-08	5.57E-08	9.81E-09	5.54E-08	3.10E-07
5869	488992.13	3860679.53	4.25E-04	4.15E-04	4.09E-04	1.47E-07	4.44E-07	2.57E-07	2.51E-07	2.28E-07	1.04E-07	1.02E-07	4.92E-09	1.19E-07	2.62E-08	3.41E-08	5.41E-08	9.53E-09	5.38E-08	3.01E-07
5870	488892.24	3860680.92	4.14E-04	4.04E-04	3.99E-04	1.43E-07	4.33E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	9.99E-08	4.79E-09	1.16E-07	2.55E-08	3.32E-08	5.27E-08	9.29E-09	5.24E-08	2.94E-07
5871	488792.36	3860682.31	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.44E-07	2.38E-07	2.16E-07	9.86E-08	9.73E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.13E-08	9.05E-09	5.11E-08	2.86E-07
5872	488692.48	3860683.7	3.94E-04	3.85E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.33E-07	2.11E-07	9.63E-08	9.50E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.83E-09	4.98E-08	2.79E-07
5873	488592.59	3860685.09	3.85E-04	3.75E-04	3.70E-04	1.33E-07	4.02E-07	2.33E-07	2.27E-07	2.06E-07	9.39E-08	9.27E-08	4.45E-09	1.07E-07	2.37E-08	3.08E-08	4.89E-08	8.62E-09	4.86E-08	2.73E-07
5874	488492.71	3860686.49	3.77E-04	3.68E-04	3.63E-04	1.30E-07	3.94E-07	2.28E-07	2.22E-07	2.02E-07	9.20E-08	9.08E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.44E-09	4.76E-08	2.67E-07
5875	488299.07	3860762.18	3.53E-04	3.45E-04	3.40E-04	1.22E-07	3.69E-07	2.14E-07	2.08E-07	1.89E-07	8.62E-08	8.51E-08	4.08E-09	9.86E-08	2.18E-08	2.83E-08	4.49E-08	7.91E-09	4.47E-08	2.50E-07
5876	488205.32	3860764.09	3.46E-04	3.38E-04	3.34E-04	1.20E-07	3.62E-07	2.10E-07	2.05E-07	1.85E-07	8.46E-08	8.35E-08	4.00E-09	9.67E-08	2.13E-08	2.78E-08	4.41E-08	7.76E-09	4.38E-08	2.45E-07
5877	488111.56	3860766	3.39E-04	3.31E-04	3.26E-04	1.17E-07	3.54E-07	2.05E-07	2.00E-07	1.81E-07	8.28E-08	8.17E-08	3.92E-09	9.46E-08	2.09E-08	2.72E-08	4.31E-08	7.60E-09	4.29E-08	2.40E-07
5878	488017.81	3860767.91	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.11E-08	8.00E-08	3.84E-09	9.27E-08	2.04E-08	2.66E-08	4.22E-08	7.44E-09	4.20E-08	2.35E-07

5879	487924.06	3860769.81	3.24E-04	3.17E-04	3.12E-04	1.12E-07	3.39E-07	1.96E-07	1.92E-07	1.74E-07	7.92E-08	7.82E-08	3.75E-09	9.06E-08	2.00E-08	2.60E-08	4.13E-08	7.27E-09	4.10E-08	2.30E-07
5880	487830.31	3860771.72	3.19E-04	3.11E-04	3.07E-04	1.10E-07	3.33E-07	1.93E-07	1.88E-07	1.71E-07	7.78E-08	7.68E-08	3.68E-09	8.90E-08	1.96E-08	2.55E-08	4.05E-08	7.14E-09	4.03E-08	2.26E-07
5881	487736.55	3860773.63	3.12E-04	3.05E-04	3.01E-04	1.08E-07	3.27E-07	1.89E-07	1.84E-07	1.67E-07	7.63E-08	7.53E-08	3.61E-09	8.72E-08	1.92E-08	2.50E-08	3.97E-08	7.00E-09	3.95E-08	2.21E-07
5882	487642.8	3860775.54	3.07E-04	3.00E-04	2.96E-04	1.06E-07	3.21E-07	1.86E-07	1.82E-07	1.65E-07	7.51E-08	7.41E-08	3.55E-09	8.58E-08	1.89E-08	2.46E-08	3.91E-08	6.89E-09	3.89E-08	2.18E-07
5883	487549.48	3860684.71	3.12E-04	3.04E-04	3.00E-04	1.08E-07	3.26E-07	1.89E-07	1.84E-07	1.67E-07	7.62E-08	7.52E-08	3.61E-09	8.71E-08	1.92E-08	2.50E-08	3.97E-08	6.99E-09	3.95E-08	2.21E-07
5884	487549.91	3860591.97	3.22E-04	3.14E-04	3.10E-04	1.11E-07	3.36E-07	1.95E-07	1.90E-07	1.72E-07	7.85E-08	7.75E-08	3.72E-09	8.98E-08	1.98E-08	2.58E-08	4.09E-08	7.21E-09	4.07E-08	2.28E-07
5885	487550.34	3860499.23	3.32E-04	3.24E-04	3.20E-04	1.15E-07	3.47E-07	2.01E-07	1.96E-07	1.78E-07	8.12E-08	8.01E-08	3.84E-09	9.28E-08	2.05E-08	2.66E-08	4.23E-08	7.45E-09	4.20E-08	2.35E-07
5886	487550.76	3860406.49	3.46E-04	3.37E-04	3.33E-04	1.20E-07	3.61E-07	2.09E-07	2.04E-07	1.85E-07	8.44E-08	8.33E-08	3.99E-09	9.65E-08	2.13E-08	2.77E-08	4.39E-08	7.75E-09	4.37E-08	2.45E-07
5887	487551.19	3860313.75	3.60E-04	3.51E-04	3.47E-04	1.25E-07	3.76E-07	2.18E-07	2.13E-07	1.93E-07	8.79E-08	8.68E-08	4.16E-09	1.01E-07	2.22E-08	2.89E-08	4.58E-08	8.07E-09	4.55E-08	2.55E-07
5888	487551.62	3860221.01	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.28E-07	2.22E-07	2.01E-07	9.19E-08	9.07E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.43E-09	4.76E-08	2.67E-07
5889	487552.05	3860128.27	3.95E-04	3.85E-04	3.80E-04	1.37E-07	4.12E-07	2.39E-07	2.33E-07	2.11E-07	9.64E-08	9.51E-08	4.56E-09	1.10E-07	2.43E-08	3.16E-08	5.02E-08	8.84E-09	4.99E-08	2.80E-07
5890	487552.48	3860035.53	4.12E-04	4.02E-04	3.97E-04	1.43E-07	4.31E-07	2.49E-07	2.43E-07	2.20E-07	1.01E-07	9.93E-08	4.76E-09	1.15E-07	2.54E-08	3.30E-08	5.24E-08	9.23E-09	5.21E-08	2.92E-07
5891	487552.91	3859942.79	4.26E-04	4.16E-04	4.11E-04	1.48E-07	4.46E-07	2.58E-07	2.52E-07	2.28E-07	1.04E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.42E-08	5.42E-08	9.56E-09	5.39E-08	3.02E-07
5892	487553.33	3859850.05	4.42E-04	4.32E-04	4.26E-04	1.53E-07	4.62E-07	2.68E-07	2.61E-07	2.37E-07	1.08E-07	1.07E-07	5.11E-09	1.23E-07	2.72E-08	3.55E-08	5.62E-08	9.91E-09	5.59E-08	3.13E-07
5893	487553.76	3859757.31	4.57E-04	4.46E-04	4.40E-04	1.58E-07	4.78E-07	2.77E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.28E-09	1.28E-07	2.82E-08	3.67E-08	5.81E-08	1.02E-08	5.78E-08	3.24E-07
5894	487554.19	3859664.57	4.73E-04	4.62E-04	4.55E-04	1.64E-07	4.94E-07	2.86E-07	2.79E-07	2.53E-07	1.16E-07	1.14E-07	5.47E-09	1.32E-07	2.91E-08	3.79E-08	6.01E-08	1.06E-08	5.98E-08	3.35E-07
5895	487460.2	3859571.05	4.79E-04	4.67E-04	4.61E-04	1.66E-07	5.00E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.53E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.05E-08	3.39E-07
5896	487365.78	3859570.27	4.66E-04	4.55E-04	4.49E-04	1.61E-07	4.87E-07	2.82E-07	2.75E-07	2.50E-07	1.14E-07	1.12E-07	5.39E-09	1.30E-07	2.87E-08	3.74E-08	5.93E-08	1.05E-08	5.90E-08	3.30E-07
5897	487271.36	3859569.48	4.55E-04	4.44E-04	4.38E-04	1.57E-07	4.75E-07	2.75E-07	2.68E-07	2.43E-07	1.11E-07	1.10E-07	5.26E-09	1.27E-07	2.80E-08	3.65E-08	5.78E-08	1.02E-08	5.75E-08	3.22E-07
5898	487176.94	3859568.7	4.43E-04	4.32E-04	4.27E-04	1.53E-07	4.63E-07	2.68E-07	2.62E-07	2.37E-07	1.08E-07	1.07E-07	5.12E-09	1.24E-07	2.73E-08	3.55E-08	5.63E-08	9.93E-09	5.60E-08	3.14E-07
5899	487082.51	3859567.92	4.33E-04	4.23E-04	4.17E-04	1.50E-07	4.53E-07	2.62E-07	2.56E-07	2.32E-07	1.06E-07	1.04E-07	5.01E-09	1.21E-07	2.67E-08	3.47E-08	5.51E-08	9.71E-09	5.48E-08	3.07E-07
5900	486988.09	3859567.14	4.23E-04	4.13E-04	4.07E-04	1.46E-07	4.42E-07	2.56E-07	2.50E-07	2.26E-07	1.03E-07	1.02E-07	4.89E-09	1.18E-07	2.60E-08	3.39E-08	5.38E-08	9.48E-09	5.35E-08	3.00E-07
5901	486893.67	3859566.36	4.14E-04	4.04E-04	3.98E-04	1.43E-07	4.32E-07	2.50E-07	2.44E-07	2.21E-07	1.01E-07	9.97E-08	4.78E-09	1.15E-07	2.55E-08	3.32E-08	5.26E-08	9.27E-09	5.23E-08	2.93E-07
5902	486799.25	3859565.58	4.05E-04	3.95E-04	3.90E-04	1.40E-07	4.23E-07	2.45E-07	2.39E-07	2.17E-07	9.89E-08	9.76E-08	4.68E-09	1.13E-07	2.49E-08	3.25E-08	5.15E-08	9.08E-09	5.12E-08	2.87E-07
5903	486704.83	3859564.79	3.97E-04	3.87E-04	3.82E-04	1.37E-07	4.15E-07	2.40E-07	2.34E-07	2.12E-07	9.69E-08	9.56E-08	4.58E-09	1.11E-07	2.44E-08	3.18E-08	5.04E-08	8.89E-09	5.02E-08	2.81E-07
5904	486610.41	3859564.01	3.89E-04	3.80E-04	3.75E-04	1.35E-07	4.07E-07	2.35E-07	2.30E-07	2.08E-07	9.50E-08	9.38E-08	4.50E-09	1.09E-07	2.40E-08	3.12E-08	4.95E-08	8.72E-09	4.92E-08	2.76E-07
5905	486515.99	3859563.23	3.81E-04	3.72E-04	3.67E-04	1.32E-07	3.98E-07	2.30E-07	2.25E-07	2.04E-07	9.30E-08	9.18E-08	4.40E-09	1.06E-07	2.35E-08	3.05E-08	4.84E-08	8.54E-09	4.82E-08	2.70E-07
5906	486421.57	3859562.45	3.73E-04	3.64E-04	3.60E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.12E-08	9.00E-08	4.32E-09	1.04E-07	2.30E-08	2.99E-08	4.75E-08	8.37E-09	4.72E-08	2.65E-07
5907	486327.14	3859561.67	3.67E-04	3.58E-04	3.54E-04	1.27E-07	3.84E-07	2.22E-07	2.17E-07	1.97E-07	8.97E-08	8.85E-08	4.24E-09	1.03E-07	2.26E-08	2.94E-08	4.67E-08	8.23E-09	4.64E-08	2.60E-07
5908	486232.72	3859560.89	3.60E-04	3.51E-04	3.46E-04	1.25E-07	3.76E-07	2.18E-07	2.12E-07	1.93E-07	8.78E-08	8.67E-08	4.16E-09	1.00E-07	2.22E-08	2.88E-08	4.57E-08	8.06E-09	4.55E-08	2.55E-07
5909	486138.3	3859560.1	3.53E-04	3.45E-04	3.40E-04	1.22E-07	3.69E-07	2.14E-07	2.08E-07	1.89E-07	8.62E-08	8.51E-08	4.08E-09	9.86E-08	2.18E-08	2.83E-08	4.49E-08	7.91E-09	4.47E-08	2.50E-07
5910	486043.88	3859559.32	3.46E-04	3.38E-04	3.33E-04	1.20E-07	3.62E-07	2.09E-07	2.04E-07	1.85E-07	8.45E-08	8.34E-08	4.00E-09	9.66E-08	2.13E-08	2.77E-08	4.40E-08	7.75E-09	4.38E-08	2.45E-07
5911	485949.35	3859463.54	3.48E-04	3.40E-04	3.36E-04	1.21E-07	3.64E-07	2.11E-07	2.06E-07	1.87E-07	8.51E-08	8.40E-08	4.03E-09	9.73E-08	2.15E-08	2.79E-08	4.43E-08	7.81E-09	4.41E-08	2.47E-07
5912	485949.24	3859368.55	3.57E-04	3.49E-04	3.44E-04	1.24E-07	3.73E-07	2.16E-07	2.11E-07	1.91E-07	8.72E-08	8.61E-08	4.13E-09	9.97E-08	2.20E-08	2.86E-08	4.54E-08	8.01E-09	4.52E-08	2.53E-07
5913	485949.12	3859273.55	3.66E-04	3.57E-04	3.52E-04	1.27E-07	3.82E-07	2.21E-07	2.16E-07	1.96E-07	8.94E-08	8.82E-08	4.23E-09	1.02E-07	2.25E-08	2.93E-08	4.65E-08	8.20E-09	4.63E-08	2.59E-07
5914	485949.01	3859178.56	3.75E-04	3.66E-04	3.61E-04	1.30E-07	3.92E-07	2.27E-07	2.21E-07	2.01E-07	9.16E-08	9.04E-08	4.34E-09	1.05E-07	2.31E-08	3.01E-08	4.77E-08	8.41E-09	4.74E-08	2.66E-07
5915	485948.9	3859083.56	3.86E-04	3.77E-04	3.72E-04	1.34E-07	4.04E-07	2.34E-07	2.28E-07	2.07E-07	9.43E-08	9.31E-08	4.46E-09	1.08E-07	2.38E-08	3.10E-08	4.91E-08	8.66E-09	4.88E-08	2.74E-07
5916	485948.79	3858988.56	4.00E-04	3.90E-04	3.85E-04	1.38E-07	4.18E-07	2.42E-07	2.36E-07	2.14E-07	9.76E-08	9.63E-08	4.62E-09	1.12E-07	2.46E-08	3.20E-08	5.08E-08	8.95E-09	5.05E-08	2.83E-07
5917	485948.67	3858893.57	4.14E-04	4.04E-04	3.99E-04	1.43E-07	4.33E-07	2.51E-07	2.45E-07	2.22E-07	1.01E-07	9.99E-08	4.79E-09	1.16E-07	2.55E-08	3.32E-08	5.27E-08	9.29E-09	5.24E-08	2.94E-07
5918	485948.56	3858798.57	4.32E-04	4.22E-04	4.16E-04	1.50E-07	4.52E-07	2.62E-07	2.55E-07	2.31E-07	1.06E-07	1.04E-07	5.00E-09	1.21E-07	2.66E-08	3.47E-08	5.50E-08	9.69E-09	5.47E-08	3.06E-07
5919	485948.45	3858703.58	4.50E-04	4.39E-04	4.33E-04	1.56E-07	4.70E-07	2.72E-07	2.66E-07	2.41E-07	1.10E-07	1.08E-07	5.20E-09	1.26E-07	2.77E-08	3.61E-08	5.72E-08	1.01E-08	5.69E-08	3.19E-07
5920	485948.34	3858608.58	4.71E-04	4.60E-04	4.54E-04	1.63E-07	4.93E-07	2.85E-07	2.78E-07	2.52E-07	1.15E-07	1.14E-07	5.45E-09	1.32E-07	2.90E-08	3.78E-08	5.99E-08	1.06E-08	5.96E-08	3.34E-07
5921	485948.22	3858513.59	4.94E-04	4.82E-04	4.75E-04	1.71E-07	5.16E-07	2.99E-07	2.92E-07	2.64E-07	1.21E-07	1.19E-07	5.71E-09	1.38E-07	3.04E-08	3.96E-08	6.28E-08	1.11E-08	6.24E-08	3.50E-07
5922	485948.11	3858418.59	5.18E-04	5.05E-04	4.99E-04	1.79E-07	5.41E-07	3.13E-07	3.06E-07	2.77E-07	1.26E-07	1.25E-07	5.99E-09	1.45E-07	3.19E-08	4.15E-08	6.58E-08	1.16E-08	6.55E-08	3.67E-07
5923	485948	3858323.59	5.47E-04	5.34E-04	5.27E-04	1.89E-07	5.72E-07	3.31E-07	3.23E-07	2.93E-07	1.34E-07	1.32E-07	6.32E-09	1.53E-07	3.37E-08	4.38E-08	6.95E-08	1.23E-08	6.92E-08	3.87E-07
5924	485947.89	3858228.6	5.78E-04	5.64E-04	5.56E-04	2.00E-07	6.04E-07	3.50E-07	3.41E-07	3.09E-07	1.41E-07	1.39E-07	6.68E-09	1.61E-07	3.56E-08	4.63E-08	7.35E-08	1.30E-08	7.31E-08	4.10E-07
5925	485947.77	3858133.6	6.14E-04	6.00E-04	5.92E-04	2.13E-07	6.42E-07	3.72E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	7.10E-09	1.72E-07	3.79E-08	4.93E-08	7.81E-08	1.38E-08	7.77E-08	4.35E-07
5926	485947.66	3858038.61	6.63E-04	6.47E-04	6.38E-04	2.29E-07	6.93E-07	4.01E-07	3.91E-07	3.55E-07	1.62E-07	1.60E-07	7.66E-09	1.85E-07	4.08E-08	5.31E-08	8.43E-08	1.49E-08	8.38E-08	4.70E-07
5927	485854.54	3857943.35	6.74E-04	6.58E-04	6.49E-04	2.33E-07	7.05E-07	4.08E-07	3.98E-07	3.61E-07	1.65E-07	1.62E-07	7.79E-09	1.88E-07	4.15E-08	5.40E-08	8.57E-08	1.51E-08	8.53E-08	4.78E-07
5928	485761.52	3857943.09	6.38E-04	6.23E-04	6.14E-04	2.21E-07	6.67E-07	3.86E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.38E-09	1.78E-07	3.93E-08	5.12E-08	8.11E-08	1.43E-08	8.07E-08	4.52E-07
5929	485668.51	3857942.83	6.08E-04	5.94E-04	5.86E-04	2.11E-07	6.36E-07	3.68E-07	3.59E-07	3.26E-07	1.49E-07	1.47E-07	7.03E-09	1.70E-07	3.75E-08	4.88E-08	7.73E-08	1.36E-08	7.69E-08	4.31E-07
5930	485575.5	3857942.56	5.80E-04	5.66E-04	5.58E-04	2.01E-07	6.06E-07	3.51E-07	3.42E-07	3.10E-07	1.42E-07	1.40E-07	6.70E-09	1.62E-07	3.57E-08	4.65E-08	7.37E-08	1.30E-08	7.33E-08	4.11E-07
5931	485482.48	3857942.3	5.56E-04	5.42E-04	5.35E-04	1.92E-07	5.81E-07	3.36E-07	3.28E-07	2.97E-07	1.36E-07	1.34E-07	6.42E-09	1.55E-07	3.42E-08	4.45E-08	7.06E-08	1.25E-08	7.03E-08	3.94E-07
5932	485389.47	3857942.04	5.34E-04	5.21E-04	5.14E-04	1.85E-07	5.58E-07	3.23E-07	3.15E-07	2.86E-07	1.30E-07	1.29E-07	6.17E-09	1.49E-07	3.29E-08	4.28E-08	6.78E-08	1.20E-08	6.75E-08	3.78E-07
5933	485296.46	3857941.78	5.13E-04	5.01E-04	4.94E-04	1.78E-07	5.36E-07	3.11E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.93E-09	1.43E-07	3.16E-08	4.11E-08	6.53E-08	1.15E-08	6.49E-08	3.64E-07

5934	485203.45	3857941.52	4.96E-04	4.84E-04	4.77E-04	1.72E-07	5.18E-07	3.00E-07	2.93E-07	2.65E-07	1.21E-07	1.19E-07	5.73E-09	1.38E-07	3.05E-08	3.97E-08	6.30E-08	1.11E-08	6.27E-08	3.51E-07
5935	485110.43	3857941.26	4.78E-04	4.66E-04	4.60E-04	1.65E-07	5.00E-07	2.89E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.52E-09	1.33E-07	2.94E-08	3.83E-08	6.08E-08	1.07E-08	6.04E-08	3.39E-07
5936	485017.42	3857940.99	4.61E-04	4.50E-04	4.44E-04	1.60E-07	4.82E-07	2.79E-07	2.72E-07	2.47E-07	1.13E-07	1.11E-07	5.33E-09	1.29E-07	2.84E-08	3.69E-08	5.86E-08	1.03E-08	5.83E-08	3.27E-07
5937	484924.41	3857940.73	4.45E-04	4.34E-04	4.29E-04	1.54E-07	4.65E-07	2.69E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.15E-09	1.24E-07	2.74E-08	3.57E-08	5.66E-08	9.98E-09	5.63E-08	3.15E-07
5938	484831.39	3857940.47	4.31E-04	4.20E-04	4.15E-04	1.49E-07	4.50E-07	2.61E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.98E-09	1.20E-07	2.65E-08	3.45E-08	5.48E-08	9.65E-09	5.45E-08	3.05E-07
5939	484738.12	3857859.3	4.30E-04	4.20E-04	4.14E-04	1.49E-07	4.50E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.04E-07	4.97E-09	1.20E-07	2.65E-08	3.45E-08	5.47E-08	9.64E-09	5.44E-08	3.05E-07
5940	484737.85	3857778.4	4.46E-04	4.35E-04	4.29E-04	1.54E-07	4.66E-07	2.70E-07	2.63E-07	2.38E-07	1.09E-07	1.07E-07	5.15E-09	1.24E-07	2.75E-08	3.57E-08	5.67E-08	9.99E-09	5.64E-08	3.16E-07
5941	484737.59	3857697.49	4.62E-04	4.51E-04	4.45E-04	1.60E-07	4.83E-07	2.80E-07	2.73E-07	2.47E-07	1.13E-07	1.11E-07	5.34E-09	1.29E-07	2.85E-08	3.70E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
5942	484737.32	3857616.59	4.79E-04	4.68E-04	4.61E-04	1.66E-07	5.01E-07	2.90E-07	2.83E-07	2.56E-07	1.17E-07	1.15E-07	5.54E-09	1.34E-07	2.95E-08	3.84E-08	6.09E-08	1.07E-08	6.06E-08	3.40E-07
5943	484645.53	3857535.18	4.80E-04	4.68E-04	4.62E-04	1.66E-07	5.02E-07	2.90E-07	2.83E-07	2.57E-07	1.17E-07	1.16E-07	5.55E-09	1.34E-07	2.96E-08	3.85E-08	6.10E-08	1.08E-08	6.07E-08	3.40E-07
5944	484553.99	3857534.67	4.63E-04	4.51E-04	4.45E-04	1.60E-07	4.84E-07	2.80E-07	2.73E-07	2.48E-07	1.13E-07	1.11E-07	5.35E-09	1.29E-07	2.85E-08	3.71E-08	5.88E-08	1.04E-08	5.85E-08	3.28E-07
5945	484462.46	3857534.17	4.47E-04	4.36E-04	4.30E-04	1.55E-07	4.67E-07	2.70E-07	2.64E-07	2.39E-07	1.09E-07	1.08E-07	5.17E-09	1.25E-07	2.75E-08	3.58E-08	5.68E-08	1.00E-08	5.65E-08	3.17E-07
5946	484370.93	3857533.66	4.33E-04	4.22E-04	4.17E-04	1.50E-07	4.52E-07	2.62E-07	2.55E-07	2.32E-07	1.06E-07	1.04E-07	5.00E-09	1.21E-07	2.67E-08	3.47E-08	5.50E-08	9.70E-09	5.47E-08	3.07E-07
5947	484279.4	3857533.16	4.20E-04	4.10E-04	4.04E-04	1.45E-07	4.39E-07	2.54E-07	2.48E-07	2.25E-07	1.03E-07	1.01E-07	4.85E-09	1.17E-07	2.59E-08	3.37E-08	5.34E-08	9.41E-09	5.31E-08	2.98E-07
5948	484187.86	3857532.65	4.08E-04	3.98E-04	3.93E-04	1.41E-07	4.27E-07	2.47E-07	2.41E-07	2.19E-07	9.97E-08	9.84E-08	4.72E-09	1.14E-07	2.52E-08	3.27E-08	5.19E-08	9.15E-09	5.16E-08	2.89E-07
5949	484096.33	3857532.15	3.98E-04	3.88E-04	3.83E-04	1.38E-07	4.16E-07	2.41E-07	2.35E-07	2.13E-07	9.72E-08	9.59E-08	4.60E-09	1.11E-07	2.45E-08	3.19E-08	5.06E-08	8.92E-09	5.03E-08	2.82E-07
5950	484004.8	3857531.64	3.88E-04	3.79E-04	3.74E-04	1.34E-07	4.06E-07	2.35E-07	2.29E-07	2.08E-07	9.48E-08	9.36E-08	4.49E-09	1.08E-07	2.39E-08	3.11E-08	4.94E-08	8.70E-09	4.91E-08	2.75E-07
5951	483913.27	3857531.14	3.79E-04	3.70E-04	3.65E-04	1.31E-07	3.96E-07	2.29E-07	2.24E-07	2.03E-07	9.26E-08	9.14E-08	4.38E-09	1.06E-07	2.34E-08	3.04E-08	4.82E-08	8.50E-09	4.80E-08	2.69E-07
5952	483821.73	3857530.63	3.71E-04	3.62E-04	3.57E-04	1.28E-07	3.88E-07	2.24E-07	2.19E-07	1.99E-07	9.06E-08	8.94E-08	4.29E-09	1.04E-07	2.29E-08	2.97E-08	4.72E-08	8.31E-09	4.69E-08	2.63E-07
5953	483729.61	3857450.11	3.72E-04	3.63E-04	3.58E-04	1.29E-07	3.89E-07	2.25E-07	2.19E-07	1.99E-07	9.08E-08	8.96E-08	4.30E-09	1.04E-07	2.29E-08	2.98E-08	4.73E-08	8.33E-09	4.70E-08	2.63E-07
5954	483729.03	3857370.08	3.82E-04	3.72E-04	3.68E-04	1.32E-07	3.99E-07	2.31E-07	2.25E-07	2.04E-07	9.32E-08	9.20E-08	4.41E-09	1.07E-07	2.35E-08	3.06E-08	4.85E-08	8.55E-09	4.83E-08	2.70E-07
5955	483728.44	3857290.06	3.92E-04	3.82E-04	3.77E-04	1.36E-07	4.09E-07	2.37E-07	2.31E-07	2.10E-07	9.56E-08	9.44E-08	4.53E-09	1.09E-07	2.41E-08	3.14E-08	4.98E-08	8.78E-09	4.95E-08	2.78E-07
5956	483727.86	3857210.03	4.02E-04	3.92E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.37E-07	2.15E-07	9.82E-08	9.69E-08	4.65E-09	1.12E-07	2.48E-08	3.22E-08	5.11E-08	9.01E-09	5.08E-08	2.85E-07
5957	483641.15	3857129.07	4.04E-04	3.94E-04	3.89E-04	1.40E-07	4.22E-07	2.44E-07	2.38E-07	2.16E-07	9.86E-08	9.73E-08	4.67E-09	1.13E-07	2.49E-08	3.24E-08	5.13E-08	9.05E-09	5.11E-08	2.86E-07
5958	483555.03	3857128.14	3.94E-04	3.84E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.32E-07	2.11E-07	9.62E-08	9.49E-08	4.55E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.82E-09	4.98E-08	2.79E-07
5959	483468.91	3857127.2	3.84E-04	3.75E-04	3.70E-04	1.33E-07	4.02E-07	2.32E-07	2.27E-07	2.06E-07	9.38E-08	9.26E-08	4.44E-09	1.07E-07	2.37E-08	3.08E-08	4.89E-08	8.61E-09	4.86E-08	2.72E-07
5960	483382.78	3857126.26	3.76E-04	3.67E-04	3.62E-04	1.30E-07	3.93E-07	2.28E-07	2.22E-07	2.01E-07	9.19E-08	9.07E-08	4.35E-09	1.05E-07	2.32E-08	3.02E-08	4.79E-08	8.43E-09	4.76E-08	2.67E-07
5961	483296.66	3857125.32	3.68E-04	3.60E-04	3.55E-04	1.28E-07	3.85E-07	2.23E-07	2.18E-07	1.97E-07	9.00E-08	8.88E-08	4.26E-09	1.03E-07	2.27E-08	2.95E-08	4.69E-08	8.26E-09	4.66E-08	2.61E-07
5962	483210.54	3857124.39	3.61E-04	3.52E-04	3.48E-04	1.25E-07	3.77E-07	2.18E-07	2.13E-07	1.93E-07	8.81E-08	8.70E-08	4.17E-09	1.01E-07	2.22E-08	2.89E-08	4.59E-08	8.09E-09	4.56E-08	2.56E-07
5963	483123.4	3857030.96	3.63E-04	3.55E-04	3.50E-04	1.26E-07	3.80E-07	2.20E-07	2.15E-07	1.95E-07	8.88E-08	8.76E-08	4.20E-09	1.01E-07	2.24E-08	2.91E-08	4.62E-08	8.15E-09	4.60E-08	2.58E-07
5964	483122.38	3856938.46	3.73E-04	3.64E-04	3.60E-04	1.29E-07	3.90E-07	2.26E-07	2.20E-07	2.00E-07	9.12E-08	9.00E-08	4.32E-09	1.04E-07	2.30E-08	2.99E-08	4.75E-08	8.37E-09	4.72E-08	2.65E-07
5965	483121.35	3856845.97	3.84E-04	3.74E-04	3.70E-04	1.33E-07	4.01E-07	2.32E-07	2.27E-07	2.05E-07	9.37E-08	9.25E-08	4.44E-09	1.07E-07	2.36E-08	3.08E-08	4.88E-08	8.60E-09	4.85E-08	2.72E-07
5966	483120.33	3856753.47	3.94E-04	3.84E-04	3.79E-04	1.36E-07	4.12E-07	2.38E-07	2.32E-07	2.11E-07	9.62E-08	9.49E-08	4.55E-09	1.10E-07	2.43E-08	3.16E-08	5.01E-08	8.82E-09	4.98E-08	2.79E-07
5967	483119.31	3856660.98	4.05E-04	3.95E-04	3.89E-04	1.40E-07	4.23E-07	2.45E-07	2.39E-07	2.17E-07	9.88E-08	9.75E-08	4.68E-09	1.13E-07	2.49E-08	3.24E-08	5.14E-08	9.07E-09	5.12E-08	2.87E-07
5968	483118.29	3856568.49	4.16E-04	4.06E-04	4.01E-04	1.44E-07	4.35E-07	2.52E-07	2.46E-07	2.23E-07	1.02E-07	1.00E-07	4.81E-09	1.16E-07	2.56E-08	3.34E-08	5.29E-08	9.33E-09	5.26E-08	2.95E-07
5969	483117.26	3856475.99	4.29E-04	4.19E-04	4.13E-04	1.49E-07	4.49E-07	2.60E-07	2.54E-07	2.30E-07	1.05E-07	1.03E-07	4.96E-09	1.20E-07	2.65E-08	3.44E-08	5.46E-08	9.62E-09	5.43E-08	3.04E-07
5970	483116.24	3856383.5	4.44E-04	4.33E-04	4.27E-04	1.54E-07	4.64E-07	2.68E-07	2.62E-07	2.37E-07	1.08E-07	1.07E-07	5.13E-09	1.24E-07	2.73E-08	3.56E-08	5.64E-08	9.94E-09	5.61E-08	3.14E-07
5971	483115.22	3856291.01	4.59E-04	4.48E-04	4.42E-04	1.59E-07	4.80E-07	2.78E-07	2.71E-07	2.46E-07	1.12E-07	1.11E-07	5.30E-09	1.28E-07	2.83E-08	3.68E-08	5.84E-08	1.03E-08	5.80E-08	3.25E-07
5972	483114.2	3856198.51	4.76E-04	4.64E-04	4.58E-04	1.65E-07	4.97E-07	2.88E-07	2.81E-07	2.55E-07	1.16E-07	1.15E-07	5.50E-09	1.33E-07	2.93E-08	3.81E-08	6.05E-08	1.07E-08	6.02E-08	3.37E-07
5973	483113.17	3856106.02	4.97E-04	4.85E-04	4.79E-04	1.72E-07	5.19E-07	3.01E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.75E-09	1.39E-07	3.06E-08	3.98E-08	6.32E-08	1.11E-08	6.29E-08	3.52E-07
5974	483112.15	3856013.52	5.20E-04	5.08E-04	5.01E-04	1.80E-07	5.44E-07	3.15E-07	3.07E-07	2.78E-07	1.27E-07	1.25E-07	6.01E-09	1.45E-07	3.21E-08	4.17E-08	6.62E-08	1.17E-08	6.58E-08	3.69E-07
5975	483029.25	3855920.47	5.27E-04	5.14E-04	5.07E-04	1.82E-07	5.51E-07	3.19E-07	3.11E-07	2.82E-07	1.29E-07	1.27E-07	6.09E-09	1.47E-07	3.25E-08	4.22E-08	6.70E-08	1.18E-08	6.66E-08	3.73E-07
5976	482947.37	3855919.91	5.08E-04	4.96E-04	4.89E-04	1.76E-07	5.31E-07	3.08E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.87E-09	1.42E-07	3.13E-08	4.07E-08	6.46E-08	1.14E-08	6.43E-08	3.60E-07
5977	482865.49	3855919.36	4.91E-04	4.79E-04	4.73E-04	1.70E-07	5.13E-07	2.97E-07	2.90E-07	2.63E-07	1.20E-07	1.18E-07	5.68E-09	1.37E-07	3.03E-08	3.94E-08	6.25E-08	1.10E-08	6.21E-08	3.48E-07
5978	482783.61	3855918.8	4.77E-04	4.65E-04	4.59E-04	1.65E-07	4.98E-07	2.88E-07	2.81E-07	2.55E-07	1.16E-07	1.15E-07	5.51E-09	1.33E-07	2.94E-08	3.82E-08	6.06E-08	1.07E-08	6.03E-08	3.38E-07
5979	482700.33	3855818.39	4.82E-04	4.70E-04	4.64E-04	1.67E-07	5.04E-07	2.92E-07	2.85E-07	2.58E-07	1.18E-07	1.16E-07	5.57E-09	1.35E-07	2.97E-08	3.86E-08	6.13E-08	1.08E-08	6.10E-08	3.42E-07
5980	482698.92	3855718.54	5.05E-04	4.93E-04	4.87E-04	1.75E-07	5.28E-07	3.06E-07	2.98E-07	2.70E-07	1.23E-07	1.22E-07	5.84E-09	1.41E-07	3.11E-08	4.05E-08	6.43E-08	1.13E-08	6.39E-08	3.58E-07
5981	482697.52	3855618.68	5.31E-04	5.19E-04	5.12E-04	1.84E-07	5.55E-07	3.22E-07	3.14E-07	2.84E-07	1.30E-07	1.28E-07	6.14E-09	1.48E-07	3.27E-08	4.26E-08	6.76E-08	1.19E-08	6.72E-08	3.77E-07
5982	482696.11	3855518.83	5.63E-04	5.49E-04	5.42E-04	1.95E-07	5.88E-07	3.41E-07	3.32E-07	3.01E-07	1.37E-07	1.36E-07	6.51E-09	1.57E-07	3.47E-08	4.51E-08	7.16E-08	1.26E-08	7.12E-08	3.99E-07
5983	482694.71	3855418.98	5.98E-04	5.84E-04	5.76E-04	2.07E-07	6.25E-07	3.62E-07	3.53E-07	3.20E-07	1.46E-07	1.44E-07	6.92E-09	1.67E-07	3.69E-08	4.80E-08	7.61E-08	1.34E-08	7.57E-08	4.24E-07
5984	482693.3	3855319.13	6.39E-04	6.24E-04	6.16E-04	2.21E-07	6.68E-07	3.87E-07	3.77E-07	3.42E-07	1.56E-07	1.54E-07	7.39E-09	1.79E-07	3.94E-08	5.13E-08	8.13E-08	1.43E-08	8.09E-08	4.53E-07
5985	482691.9	3855219.27	6.89E-04	6.72E-04	6.63E-04	2.38E-07	7.20E-07	4.17E-07	4.07E-07	3.69E-07	1.68E-07	1.66E-07	7.96E-09	1.92E-07	4.24E-08	5.52E-08	8.76E-08	1.54E-08	8.71E-08	4.88E-07
5986	482690.49	3855119.42	7.46E-04	7.28E-04	7.19E-04	2.58E-07	7.80E-07	4.52E-07	4.41E-07	3.99E-07	1.82E-07	1.80E-07	8.63E-09	2.08E-07	4.60E-08	5.98E-08	9.49E-08	1.67E-08	9.44E-08	5.29E-07
5987	482689.09	3855019.57	8.20E-04	8.00E-04	7.90E-04	2.84E-07	8.57E-07	4.96E-07	4.84E-07	4.39E-07	2.00E-07	1.98E-07	9.48E-09	2.29E-07	5.05E-08	6.58E-08	1.04E-07	1.84E-08	1.04E-07	5.81E-07
5988	482687.68	3854919.71	9.07E-04	8.85E-04	8.74E-04	3.14E-07	9.48E-07	5.49E-07	5.36E-07	4.86E-07	2.22E-07	2.19E-07	1.05E-08	2.53E-07	5.59E-08	7.27E-08	1.15E-07	2.03E-08	1.15E-07	6.43E-07

5989	482686.28	3854819.86	1.02E-03	9.94E-04	9.81E-04	3.53E-07	1.07E-06	6.17E-07	6.02E-07	5.45E-07	2.49E-07	2.46E-07	1.18E-08	2.85E-07	6.28E-08	8.17E-08	1.30E-07	2.28E-08	1.29E-07	7.22E-07
5990	482684.88	3854720.01	1.15E-03	1.12E-03	1.11E-03	3.98E-07	1.20E-06	6.96E-07	6.80E-07	6.16E-07	2.81E-07	2.77E-07	1.33E-08	3.21E-07	7.09E-08	9.23E-08	1.46E-07	2.58E-08	1.46E-07	8.16E-07
5991	482683.47	3854620.16	1.32E-03	1.29E-03	1.27E-03	4.57E-07	1.38E-06	7.98E-07	7.79E-07	7.06E-07	3.22E-07	3.18E-07	1.52E-08	3.68E-07	8.13E-08	1.06E-07	1.68E-07	2.96E-08	1.67E-07	9.35E-07
5992	482682.07	3854520.31	1.51E-03	1.47E-03	1.45E-03	5.22E-07	1.58E-06	9.13E-07	8.91E-07	8.07E-07	3.68E-07	3.64E-07	1.74E-08	4.21E-07	9.29E-08	1.21E-07	1.92E-07	3.38E-08	1.91E-07	1.07E-06
5993	482680.66	3854420.45	1.72E-03	1.68E-03	1.66E-03	5.96E-07	1.80E-06	1.04E-06	1.02E-06	9.21E-07	4.20E-07	4.15E-07	1.99E-08	4.80E-07	1.06E-07	1.38E-07	2.19E-07	3.86E-08	2.18E-07	1.22E-06
5994	482679.26	3854320.6	1.93E-03	1.88E-03	1.86E-03	6.67E-07	2.01E-06	1.17E-06	1.14E-06	1.03E-06	4.71E-07	4.64E-07	2.23E-08	5.38E-07	1.19E-07	1.55E-07	2.45E-07	4.32E-08	2.44E-07	1.37E-06
5995	482677.85	3854220.75	2.13E-03	2.07E-03	2.05E-03	7.36E-07	2.22E-06	1.29E-06	1.25E-06	1.14E-06	5.19E-07	5.12E-07	2.46E-08	5.93E-07	1.31E-07	1.70E-07	2.70E-07	4.76E-08	2.69E-07	1.51E-06
5996	482676.45	3854120.9	2.27E-03	2.22E-03	2.19E-03	7.87E-07	2.38E-06	1.38E-06	1.34E-06	1.22E-06	5.55E-07	5.48E-07	2.63E-08	6.35E-07	1.40E-07	1.82E-07	2.89E-07	5.10E-08	2.88E-07	1.61E-06
5997	482675.04	3854021.04	2.46E-03	2.40E-03	2.37E-03	8.51E-07	2.57E-06	1.49E-06	1.45E-06	1.32E-06	6.01E-07	5.93E-07	2.84E-08	6.87E-07	1.52E-07	1.97E-07	3.13E-07	5.51E-08	3.11E-07	1.74E-06
5998	482673.64	3853921.19	2.65E-03	2.59E-03	2.55E-03	9.18E-07	2.77E-06	1.61E-06	1.57E-06	1.42E-06	6.48E-07	6.39E-07	3.07E-08	7.41E-07	1.63E-07	2.13E-07	3.37E-07	5.95E-08	3.35E-07	1.88E-06
5999	482672.23	3853821.34	2.91E-03	2.84E-03	2.80E-03	1.01E-06	3.04E-06	1.76E-06	1.72E-06	1.56E-06	7.11E-07	7.02E-07	3.37E-08	8.13E-07	1.79E-07	2.33E-07	3.70E-07	6.53E-08	3.68E-07	2.06E-06
6000	482670.83	3853721.48	3.24E-03	3.16E-03	3.12E-03	1.12E-06	3.38E-06	1.96E-06	1.91E-06	1.73E-06	7.90E-07	7.80E-07	3.74E-08	9.03E-07	1.99E-07	2.59E-07	4.11E-07	7.25E-08	4.09E-07	2.29E-06
6001	482669.42	3853621.63	3.67E-03	3.58E-03	3.54E-03	1.27E-06	3.84E-06	2.22E-06	2.17E-06	1.97E-06	8.97E-07	8.85E-07	4.25E-08	1.03E-06	2.26E-07	2.94E-07	4.67E-07	8.23E-08	4.65E-07	2.60E-06
6002	482645.99	3853446.13	4.49E-03	4.39E-03	4.33E-03	1.56E-06	4.70E-06	2.72E-06	2.65E-06	2.41E-06	1.10E-06	1.08E-06	5.20E-08	1.25E-06	2.77E-07	3.60E-07	5.72E-07	1.01E-07	5.68E-07	3.18E-06
6003	482623.96	3853370.48	4.65E-03	4.53E-03	4.47E-03	1.61E-06	4.86E-06	2.81E-06	2.74E-06	2.49E-06	1.13E-06	1.12E-06	5.37E-08	1.30E-06	2.86E-07	3.72E-07	5.91E-07	1.04E-07	5.88E-07	3.29E-06
6004	482601.94	3853294.84	4.95E-03	4.83E-03	4.77E-03	1.71E-06	5.17E-06	2.99E-06	2.92E-06	2.65E-06	1.21E-06	1.19E-06	5.72E-08	1.38E-06	3.05E-07	3.97E-07	6.29E-07	1.11E-07	6.26E-07	3.51E-06
6005	482531.29	3853133.44	5.71E-03	5.57E-03	5.50E-03	1.98E-06	5.97E-06	3.45E-06	3.37E-06	3.05E-06	1.39E-06	1.38E-06	6.60E-08	1.59E-06	3.52E-07	4.58E-07	7.26E-07	1.28E-07	7.22E-07	4.04E-06
6006	482482.68	3853047.69	6.15E-03	6.01E-03	5.93E-03	2.13E-06	6.43E-06	3.72E-06	3.63E-06	3.29E-06	1.50E-06	1.48E-06	7.11E-08	1.72E-06	3.79E-07	4.93E-07	7.83E-07	1.38E-07	7.78E-07	4.36E-06
6007	482383.08	3852897.4	9.14E-03	8.92E-03	8.80E-03	3.16E-06	9.56E-06	5.53E-06	5.40E-06	4.89E-06	2.23E-06	2.20E-06	1.06E-07	2.55E-06	5.63E-07	7.33E-07	1.16E-06	2.05E-07	1.16E-06	6.48E-06
6008	482265.64	3852765.26	1.03E-02	1.01E-02	9.94E-03	3.57E-06	1.08E-05	6.25E-06	6.09E-06	5.52E-06	2.52E-06	2.49E-06	1.19E-07	2.88E-06	6.36E-07	8.28E-07	1.31E-06	2.31E-07	1.31E-06	7.31E-06
6009	482199.16	3852697.66	1.02E-02	9.97E-03	9.84E-03	3.54E-06	1.07E-05	6.18E-06	6.03E-06	5.47E-06	2.50E-06	2.46E-06	1.18E-07	2.85E-06	6.30E-07	8.19E-07	1.30E-06	2.29E-07	1.29E-06	7.24E-06
6010	482132.69	3852630.07	1.00E-02	9.79E-03	9.66E-03	3.47E-06	1.05E-05	6.07E-06	5.92E-06	5.37E-06	2.45E-06	2.42E-06	1.16E-07	2.80E-06	6.18E-07	8.04E-07	1.28E-06	2.25E-07	1.27E-06	7.11E-06
6011	482066.21	3852562.48	9.93E-03	9.69E-03	9.57E-03	3.44E-06	1.04E-05	6.01E-06	5.87E-06	5.32E-06	2.43E-06	2.39E-06	1.15E-07	2.77E-06	6.12E-07	7.96E-07	1.26E-06	2.23E-07	1.26E-06	7.04E-06
6012	481999.74	3852494.89	9.76E-03	9.52E-03	9.39E-03	3.38E-06	1.02E-05	5.90E-06	5.76E-06	5.22E-06	2.38E-06	2.35E-06	1.13E-07	2.72E-06	6.01E-07	7.82E-07	1.24E-06	2.19E-07	1.23E-06	6.91E-06
6013	481933.26	3852427.29	9.48E-03	9.25E-03	9.12E-03	3.28E-06	9.91E-06	5.73E-06	5.60E-06	5.07E-06	2.31E-06	2.28E-06	1.10E-07	2.65E-06	5.84E-07	7.60E-07	1.21E-06	2.12E-07	1.20E-06	6.72E-06
6014	481866.79	3852359.7	9.42E-03	9.19E-03	9.07E-03	3.26E-06	9.84E-06	5.70E-06	5.56E-06	5.04E-06	2.30E-06	2.27E-06	1.09E-07	2.63E-06	5.80E-07	7.55E-07	1.20E-06	2.11E-07	1.19E-06	6.67E-06
6015	481800.31	3852292.11	9.17E-03	8.95E-03	8.83E-03	3.17E-06	9.59E-06	5.55E-06	5.41E-06	4.91E-06	2.24E-06	2.21E-06	1.06E-07	2.56E-06	5.65E-07	7.35E-07	1.17E-06	2.06E-07	1.16E-06	6.50E-06
6016	481733.84	3852224.52	9.00E-03	8.78E-03	8.67E-03	3.12E-06	9.41E-06	5.45E-06	5.32E-06	4.82E-06	2.20E-06	2.17E-06	1.04E-07	2.51E-06	5.55E-07	7.22E-07	1.14E-06	2.02E-07	1.14E-06	6.38E-06
6017	481667.36	3852156.92	9.00E-03	8.78E-03	8.66E-03	3.11E-06	9.40E-06	5.44E-06	5.31E-06	4.81E-06	2.20E-06	2.17E-06	1.04E-07	2.51E-06	5.54E-07	7.21E-07	1.14E-06	2.02E-07	1.14E-06	6.37E-06
6018	481600.89	3852089.33	8.81E-03	8.60E-03	8.48E-03	3.05E-06	9.21E-06	5.33E-06	5.20E-06	4.72E-06	2.15E-06	2.12E-06	1.02E-07	2.46E-06	5.43E-07	7.06E-07	1.12E-06	1.97E-07	1.11E-06	6.24E-06
6019	481534.41	3852021.74	8.75E-03	8.54E-03	8.43E-03	3.03E-06	9.15E-06	5.30E-06	5.17E-06	4.68E-06	2.14E-06	2.11E-06	1.01E-07	2.44E-06	5.39E-07	7.02E-07	1.11E-06	1.96E-07	1.11E-06	6.20E-06
6020	481467.94	3851954.15	8.69E-03	8.48E-03	8.36E-03	3.01E-06	9.08E-06	5.26E-06	5.13E-06	4.65E-06	2.12E-06	2.09E-06	1.00E-07	2.43E-06	5.35E-07	6.96E-07	1.10E-06	1.95E-07	1.10E-06	6.16E-06
6021	481401.46	3851886.55	8.66E-03	8.45E-03	8.34E-03	3.00E-06	9.05E-06	5.24E-06	5.11E-06	4.64E-06	2.12E-06	2.09E-06	1.00E-07	2.42E-06	5.34E-07	6.94E-07	1.10E-06	1.94E-07	1.10E-06	6.14E-06
6022	481265.87	3851761.43	7.60E-03	7.42E-03	7.32E-03	2.63E-06	7.94E-06	4.60E-06	4.49E-06	4.07E-06	1.86E-06	1.83E-06	8.79E-08	2.12E-06	4.68E-07	6.09E-07	9.67E-07	1.70E-07	9.61E-07	5.39E-06
6023	481196.74	3851703.89	7.09E-03	6.92E-03	6.83E-03	2.46E-06	7.41E-06	4.29E-06	4.19E-06	3.80E-06	1.73E-06	1.71E-06	8.20E-08	1.98E-06	4.37E-07	5.69E-07	9.02E-07	1.59E-07	8.97E-07	5.03E-06
6024	481076.33	3851619.04	6.86E-03	6.70E-03	6.61E-03	2.38E-06	7.17E-06	4.15E-06	4.05E-06	3.67E-06	1.68E-06	1.65E-06	7.93E-08	1.92E-06	4.23E-07	5.50E-07	8.73E-07	1.54E-07	8.68E-07	4.86E-06
6025	480939.8	3851549.07	6.64E-03	6.48E-03	6.39E-03	2.30E-06	6.94E-06	4.01E-06	3.92E-06	3.55E-06	1.62E-06	1.60E-06	7.67E-08	1.85E-06	4.09E-07	5.32E-07	8.44E-07	1.49E-07	8.39E-07	4.70E-06
6026	480854.56	3851506.41	6.68E-03	6.52E-03	6.43E-03	2.31E-06	6.98E-06	4.04E-06	3.94E-06	3.57E-06	1.63E-06	1.61E-06	7.72E-08	1.86E-06	4.11E-07	5.35E-07	8.49E-07	1.50E-07	8.45E-07	4.73E-06
6027	480769.32	3851463.75	6.77E-03	6.61E-03	6.52E-03	2.34E-06	7.08E-06	4.10E-06	4.00E-06	3.62E-06	1.65E-06	1.63E-06	7.83E-08	1.89E-06	4.17E-07	5.43E-07	8.61E-07	1.52E-07	8.56E-07	4.80E-06
6028	480684.08	3851421.08	6.87E-03	6.70E-03	6.62E-03	2.38E-06	7.18E-06	4.16E-06	4.06E-06	3.68E-06	1.68E-06	1.66E-06	7.94E-08	1.92E-06	4.23E-07	5.51E-07	8.74E-07	1.54E-07	8.69E-07	4.87E-06
6029	480598.84	3851378.42	6.89E-03	6.73E-03	6.64E-03	2.39E-06	7.20E-06	4.17E-06	4.07E-06	3.69E-06	1.68E-06	1.66E-06	7.97E-08	1.92E-06	4.25E-07	5.52E-07	8.76E-07	1.54E-07	8.72E-07	4.88E-06
6030	480435.71	3851275.01	9.39E-03	9.17E-03	9.04E-03	3.25E-06	9.82E-06	5.68E-06	5.55E-06	5.03E-06	2.29E-06	2.26E-06	1.09E-07	2.62E-06	5.79E-07	7.53E-07	1.19E-06	2.11E-07	1.19E-06	6.66E-06
6031	480347.85	3851232.36	9.29E-03	9.07E-03	8.95E-03	3.22E-06	9.71E-06	5.62E-06	5.49E-06	4.97E-06	2.27E-06	2.24E-06	1.07E-07	2.59E-06	5.73E-07	7.45E-07	1.18E-06	2.08E-07	1.18E-06	6.58E-06
6032	480260	3851189.72	9.19E-03	8.97E-03	8.85E-03	3.18E-06	9.61E-06	5.56E-06	5.43E-06	4.92E-06	2.24E-06	2.21E-06	1.06E-07	2.57E-06	5.66E-07	7.37E-07	1.17E-06	2.06E-07	1.16E-06	6.51E-06
6033	480172.15	3851147.07	9.11E-03	8.89E-03	8.77E-03	3.15E-06	9.52E-06	5.51E-06	5.38E-06	4.87E-06	2.22E-06	2.19E-06	1.05E-07	2.54E-06	5.61E-07	7.30E-07	1.16E-06	2.04E-07	1.15E-06	6.45E-06
6034	480084.29	3851104.42	9.02E-03	8.80E-03	8.69E-03	3.12E-06	9.43E-06	5.46E-06	5.33E-06	4.83E-06	2.20E-06	2.17E-06	1.04E-07	2.52E-06	5.56E-07	7.23E-07	1.15E-06	2.02E-07	1.14E-06	6.39E-06
6035	479996.44	3851061.77	8.96E-03	8.75E-03	8.63E-03	3.10E-06	9.37E-06	5.42E-06	5.29E-06	4.80E-06	2.19E-06	2.16E-06	1.04E-07	2.50E-06	5.52E-07	7.18E-07	1.14E-06	2.01E-07	1.13E-06	6.35E-06
6036	479908.58	3851019.13	9.13E-03	8.91E-03	8.79E-03	3.16E-06	9.55E-06	5.53E-06	5.39E-06	4.89E-06	2.23E-06	2.20E-06	1.06E-07	2.55E-06	5.63E-07	7.32E-07	1.16E-06	2.05E-07	1.16E-06	6.47E-06
6037	479820.73	3850976.48	9.06E-03	8.84E-03	8.72E-03	3.14E-06	9.47E-06	5.48E-06	5.35E-06	4.85E-06	2.21E-06	2.18E-06	1.05E-07	2.53E-06	5.58E-07	7.26E-07	1.15E-06	2.03E-07	1.15E-06	6.42E-06
6038	479732.88	3850933.83	8.99E-03	8.78E-03	8.66E-03	3.11E-06	9.40E-06	5.44E-06	5.31E-06	4.81E-06	2.20E-06	2.17E-06	1.04E-07	2.51E-06	5.54E-07	7.21E-07	1.14E-06	2.02E-07	1.14E-06	6.37E-06
6039	479645.02	3850891.18	8.97E-03	8.75E-03	8.64E-03	3.11E-06	9.38E-06	5.43E-06	5.30E-06	4.80E-06	2.19E-06	2.16E-06	1.04E-07	2.50E-06	5.53E-07	7.19E-07	1.14E-06	2.01E-07	1.13E-06	6.36E-06
6040	479557.17	3850848.54	8.89E-03	8.68E-03	8.56E-03	3.08E-06	9.30E-06	5.38E-06	5.25E-06	4.76E-06	2.17E-06	2.14E-06	1.03E-07	2.48E-06	5.48E-07	7.13E-07	1.13E-06	1.99E-07	1.12E-06	6.30E-06
6041	479469.32	3850805.89	8.98E-03	8.76E-03	8.64E-03	3.11E-06	9.38E-06	5.43E-06	5.30E-06	4.80E-06	2.19E-06	2.16E-06	1.04E-07	2.51E-06	5.53E-07	7.20E-07	1.14E-06	2.01E-07	1.14E-06	6.36E-06
6042	479381.46	3850763.24	8.89E-03	8.67E-03	8.56E-03	3.08E-06	9.29E-06	5.38E-06	5.25E-06	4.76E-06	2.17E-06	2.14E-06	1.03E-07	2.48E-06	5.48E-07	7.12E-07	1.13E-06	1.99E-07	1.12E-06	6.30E-06
6043	479293.61	3850720.59	8.73E-03	8.52E-03	8.40E-03	3.02E-06	9.12E-06	5.28E-06	5.15E-06	4.67E-06	2.13E-06	2.10E-06	1.01E-07	2.44E-06	5.38E-07	7.00E-07	1.11E-06	1.96E-07	1.10E-06	6.19E-06

6044	479205.76	3850677.95	8.61E-03	8.41E-03	8.29E-03	2.98E-06	9.00E-06	5.21E-06	5.09E-06	4.61E-06	2.10E-06	2.08E-06	9.96E-08	2.41E-06	5.31E-07	6.91E-07	1.10E-06	1.93E-07	1.09E-06	6.10E-06
6045	479117.9	3850635.3	8.32E-03	8.12E-03	8.01E-03	2.88E-06	8.70E-06	5.04E-06	4.91E-06	4.45E-06	2.03E-06	2.01E-06	9.62E-08	2.32E-06	5.13E-07	6.67E-07	1.06E-06	1.87E-07	1.05E-06	5.90E-06
6046	479030.05	3850592.65	8.07E-03	7.88E-03	7.77E-03	2.79E-06	8.44E-06	4.88E-06	4.76E-06	4.32E-06	1.97E-06	1.94E-06	9.33E-08	2.25E-06	4.97E-07	6.47E-07	1.03E-06	1.81E-07	1.02E-06	5.72E-06
6047	478942.19	3850550	8.20E-03	8.01E-03	7.90E-03	2.84E-06	8.58E-06	4.96E-06	4.84E-06	4.39E-06	2.00E-06	1.98E-06	9.48E-08	2.29E-06	5.06E-07	6.58E-07	1.04E-06	1.84E-07	1.04E-06	5.81E-06
6048	478854.34	3850507.36	8.76E-03	8.55E-03	8.43E-03	3.03E-06	9.15E-06	5.30E-06	5.17E-06	4.69E-06	2.14E-06	2.11E-06	1.01E-07	2.45E-06	5.40E-07	7.02E-07	1.11E-06	1.96E-07	1.11E-06	6.21E-06
6049	478766.49	3850464.71	8.78E-03	8.57E-03	8.46E-03	3.04E-06	9.18E-06	5.31E-06	5.18E-06	4.70E-06	2.14E-06	2.12E-06	1.02E-07	2.45E-06	5.41E-07	7.04E-07	1.12E-06	1.97E-07	1.11E-06	6.22E-06
6050	478678.63	3850422.06	8.76E-03	8.55E-03	8.43E-03	3.03E-06	9.16E-06	5.30E-06	5.17E-06	4.69E-06	2.14E-06	2.11E-06	1.01E-07	2.45E-06	5.40E-07	7.02E-07	1.11E-06	1.96E-07	1.11E-06	6.21E-06
6051	478590.78	3850379.41	8.77E-03	8.55E-03	8.44E-03	3.03E-06	9.16E-06	5.30E-06	5.18E-06	4.69E-06	2.14E-06	2.11E-06	1.01E-07	2.45E-06	5.40E-07	7.03E-07	1.11E-06	1.96E-07	1.11E-06	6.21E-06
6052	478502.93	3850336.77	8.74E-03	8.52E-03	8.41E-03	3.02E-06	9.13E-06	5.29E-06	5.16E-06	4.68E-06	2.13E-06	2.11E-06	1.01E-07	2.44E-06	5.38E-07	7.00E-07	1.11E-06	1.96E-07	1.10E-06	6.19E-06
6053	478415.07	3850294.12	8.64E-03	8.43E-03	8.32E-03	2.99E-06	9.03E-06	5.23E-06	5.10E-06	4.63E-06	2.11E-06	2.08E-06	9.99E-08	2.41E-06	5.32E-07	6.93E-07	1.10E-06	1.94E-07	1.09E-06	6.12E-06
6054	478327.22	3850251.47	8.69E-03	8.47E-03	8.36E-03	3.01E-06	9.08E-06	5.26E-06	5.13E-06	4.65E-06	2.12E-06	2.09E-06	1.00E-07	2.43E-06	5.35E-07	6.96E-07	1.10E-06	1.95E-07	1.10E-06	6.15E-06
6055	478239.36	3850208.82	8.69E-03	8.47E-03	8.36E-03	3.01E-06	9.08E-06	5.26E-06	5.13E-06	4.65E-06	2.12E-06	2.09E-06	1.00E-07	2.43E-06	5.35E-07	6.96E-07	1.10E-06	1.95E-07	1.10E-06	6.15E-06
6056	478151.51	3850166.18	8.66E-03	8.45E-03	8.34E-03	3.00E-06	9.05E-06	5.24E-06	5.11E-06	4.64E-06	2.12E-06	2.09E-06	1.00E-07	2.42E-06	5.34E-07	6.94E-07	1.10E-06	1.94E-07	1.10E-06	6.14E-06
6057	478063.66	3850123.53	8.61E-03	8.41E-03	8.29E-03	2.98E-06	9.00E-06	5.21E-06	5.09E-06	4.61E-06	2.10E-06	2.08E-06	9.96E-08	2.41E-06	5.31E-07	6.91E-07	1.10E-06	1.93E-07	1.09E-06	6.10E-06
6058	477975.8	3850080.88	8.40E-03	8.19E-03	8.09E-03	2.91E-06	8.78E-06	5.08E-06	4.96E-06	4.49E-06	2.05E-06	2.02E-06	9.71E-08	2.34E-06	5.17E-07	6.73E-07	1.07E-06	1.88E-07	1.06E-06	5.95E-06
6059	477887.95	3850038.23	8.35E-03	8.15E-03	8.04E-03	2.89E-06	8.73E-06	5.05E-06	4.93E-06	4.47E-06	2.04E-06	2.01E-06	9.65E-08	2.33E-06	5.14E-07	6.69E-07	1.06E-06	1.87E-07	1.06E-06	5.92E-06
6060	477800.1	3849995.59	8.22E-03	8.02E-03	7.91E-03	2.85E-06	8.59E-06	4.97E-06	4.85E-06	4.40E-06	2.01E-06	1.98E-06	9.50E-08	2.29E-06	5.06E-07	6.59E-07	1.05E-06	1.84E-07	1.04E-06	5.82E-06
6061	477712.24	3849952.94	8.24E-03	8.04E-03	7.93E-03	2.85E-06	8.61E-06	4.99E-06	4.87E-06	4.41E-06	2.01E-06	1.99E-06	9.53E-08	2.30E-06	5.08E-07	6.61E-07	1.05E-06	1.85E-07	1.04E-06	5.84E-06
6062	477624.39	3849910.29	8.22E-03	8.03E-03	7.92E-03	2.85E-06	8.60E-06	4.98E-06	4.86E-06	4.40E-06	2.01E-06	1.98E-06	9.51E-08	2.30E-06	5.07E-07	6.59E-07	1.05E-06	1.84E-07	1.04E-06	5.83E-06
6063	477536.54	3849867.64	8.10E-03	7.91E-03	7.80E-03	2.81E-06	8.47E-06	4.90E-06	4.78E-06	4.34E-06	1.98E-06	1.95E-06	9.37E-08	2.26E-06	4.99E-07	6.50E-07	1.03E-06	1.82E-07	1.02E-06	5.74E-06
6064	477448.68	3849825	8.06E-03	7.87E-03	7.76E-03	2.79E-06	8.43E-06	4.88E-06	4.76E-06	4.32E-06	1.97E-06	1.94E-06	9.32E-08	2.25E-06	4.97E-07	6.46E-07	1.03E-06	1.81E-07	1.02E-06	5.71E-06
6065	477360.83	3849782.35	7.98E-03	7.79E-03	7.69E-03	2.76E-06	8.34E-06	4.83E-06	4.71E-06	4.27E-06	1.95E-06	1.92E-06	9.23E-08	2.23E-06	4.92E-07	6.40E-07	1.02E-06	1.79E-07	1.01E-06	5.66E-06
6066	477272.97	3849739.7	7.85E-03	7.66E-03	7.56E-03	2.72E-06	8.21E-06	4.75E-06	4.64E-06	4.20E-06	1.92E-06	1.89E-06	9.08E-08	2.19E-06	4.84E-07	6.30E-07	9.99E-07	1.76E-07	9.93E-07	5.57E-06
6067	477185.12	3849697.05	7.82E-03	7.63E-03	7.52E-03	2.71E-06	8.17E-06	4.73E-06	4.61E-06	4.18E-06	1.91E-06	1.88E-06	9.03E-08	2.18E-06	4.82E-07	6.26E-07	9.94E-07	1.75E-07	9.88E-07	5.54E-06
6068	477097.27	3849654.41	7.90E-03	7.71E-03	7.61E-03	2.73E-06	8.26E-06	4.78E-06	4.66E-06	4.23E-06	1.93E-06	1.90E-06	9.13E-08	2.21E-06	4.87E-07	6.33E-07	1.00E-06	1.77E-07	9.99E-07	5.60E-06
6069	477009.41	3849611.76	8.15E-03	7.95E-03	7.84E-03	2.82E-06	8.51E-06	4.93E-06	4.81E-06	4.36E-06	1.99E-06	1.96E-06	9.42E-08	2.27E-06	5.02E-07	6.53E-07	1.04E-06	1.83E-07	1.03E-06	5.77E-06
6070	476841.49	3849530.08	8.20E-03	8.00E-03	7.89E-03	2.84E-06	8.57E-06	4.96E-06	4.84E-06	4.39E-06	2.00E-06	1.97E-06	9.47E-08	2.29E-06	5.05E-07	6.57E-07	1.04E-06	1.84E-07	1.04E-06	5.81E-06
6071	476761.41	3849491.05	8.18E-03	7.99E-03	7.88E-03	2.83E-06	8.55E-06	4.95E-06	4.83E-06	4.38E-06	2.00E-06	1.97E-06	9.46E-08	2.29E-06	5.04E-07	6.56E-07	1.04E-06	1.83E-07	1.04E-06	5.80E-06
6072	476681.34	3849452.02	8.39E-03	8.18E-03	8.07E-03	2.90E-06	8.77E-06	5.07E-06	4.95E-06	4.49E-06	2.05E-06	2.02E-06	9.69E-08	2.34E-06	5.17E-07	6.72E-07	1.07E-06	1.88E-07	1.06E-06	5.94E-06
6073	476601.26	3849412.99	8.80E-03	8.59E-03	8.47E-03	3.05E-06	9.20E-06	5.32E-06	5.20E-06	4.71E-06	2.15E-06	2.12E-06	1.02E-07	2.46E-06	5.42E-07	7.05E-07	1.12E-06	1.97E-07	1.11E-06	6.24E-06
6074	476456.32	3849353.67	1.01E-02	9.89E-03	9.76E-03	3.51E-06	1.06E-05	6.13E-06	5.99E-06	5.43E-06	2.48E-06	2.44E-06	1.17E-07	2.83E-06	6.25E-07	8.13E-07	1.29E-06	2.27E-07	1.28E-06	7.18E-06
6075	476305.43	3849318.83	9.72E-03	9.48E-03	9.35E-03	3.36E-06	1.02E-05	5.88E-06	5.74E-06	5.20E-06	2.37E-06	2.34E-06	1.12E-07	2.71E-06	5.99E-07	7.79E-07	1.24E-06	2.18E-07	1.23E-06	6.88E-06
6076	476129.36	3849289.99	8.83E-03	8.61E-03	8.50E-03	3.06E-06	9.22E-06	5.34E-06	5.21E-06	4.72E-06	2.16E-06	2.13E-06	1.02E-07	2.46E-06	5.44E-07	7.07E-07	1.12E-06	1.98E-07	1.12E-06	6.25E-06
6077	476039.31	3849275.68	8.51E-03	8.30E-03	8.19E-03	2.94E-06	8.89E-06	5.15E-06	5.02E-06	4.55E-06	2.08E-06	2.05E-06	9.83E-08	2.38E-06	5.24E-07	6.82E-07	1.08E-06	1.91E-07	1.08E-06	6.03E-06
6078	475949.26	3849261.38	8.61E-03	8.41E-03	8.29E-03	2.98E-06	9.00E-06	5.21E-06	5.09E-06	4.61E-06	2.10E-06	2.08E-06	9.96E-08	2.41E-06	5.31E-07	6.91E-07	1.10E-06	1.93E-07	1.09E-06	6.10E-06
6079	475859.21	3849247.08	8.16E-03	7.96E-03	7.85E-03	2.82E-06	8.53E-06	4.94E-06	4.82E-06	4.37E-06	1.99E-06	1.97E-06	9.43E-08	2.28E-06	5.03E-07	6.54E-07	1.04E-06	1.83E-07	1.03E-06	5.78E-06
6080	475769.16	3849232.77	7.81E-03	7.62E-03	7.52E-03	2.70E-06	8.17E-06	4.73E-06	4.61E-06	4.18E-06	1.91E-06	1.88E-06	9.03E-08	2.18E-06	4.81E-07	6.26E-07	9.94E-07	1.75E-07	9.88E-07	5.54E-06
6081	475585.22	3849219.27	4.56E-03	4.45E-03	4.39E-03	1.58E-06	4.76E-06	2.76E-06	2.69E-06	2.44E-06	1.11E-06	1.10E-06	5.27E-08	1.27E-06	2.81E-07	3.65E-07	5.79E-07	1.02E-07	5.76E-07	3.23E-06
6082	475444.49	3849150.34	8.99E-03	8.77E-03	8.65E-03	3.11E-06	9.39E-06	5.44E-06	5.31E-06	4.81E-06	2.19E-06	2.17E-06	1.04E-07	2.51E-06	5.54E-07	7.20E-07	1.14E-06	2.01E-07	1.14E-06	6.37E-06
6083	475334.17	3849118.71	7.48E-03	7.30E-03	7.20E-03	2.59E-06	7.81E-06	4.52E-06	4.41E-06	4.00E-06	1.83E-06	1.80E-06	8.64E-08	2.09E-06	4.61E-07	5.99E-07	9.51E-07	1.68E-07	9.46E-07	5.30E-06
6084	475230.46	3849060.57	8.80E-03	8.58E-03	8.47E-03	3.04E-06	9.19E-06	5.32E-06	5.19E-06	4.71E-06	2.15E-06	2.12E-06	1.02E-07	2.46E-06	5.42E-07	7.05E-07	1.12E-06	1.97E-07	1.11E-06	6.23E-06
6085	475110.86	3848960.97	1.02E-02	9.93E-03	9.80E-03	3.52E-06	1.06E-05	6.16E-06	6.01E-06	5.45E-06	2.48E-06	2.45E-06	1.18E-07	2.84E-06	6.27E-07	8.16E-07	1.29E-06	2.28E-07	1.29E-06	7.21E-06
6086	475037.79	3848896.28	1.07E-02	1.04E-02	1.03E-02	3.69E-06	1.11E-05	6.45E-06	6.30E-06	5.71E-06	2.60E-06	2.57E-06	1.23E-07	2.98E-06	6.57E-07	8.55E-07	1.36E-06	2.39E-07	1.35E-06	7.56E-06
6087	474964.72	3848831.59	1.11E-02	1.08E-02	1.07E-02	3.84E-06	1.16E-05	6.72E-06	6.56E-06	5.94E-06	2.71E-06	2.68E-06	1.28E-07	3.10E-06	6.84E-07	8.90E-07	1.41E-06	2.49E-07	1.40E-06	7.87E-06
6088	474891.65	3848766.9	1.14E-02	1.11E-02	1.09E-02	3.94E-06	1.19E-05	6.88E-06	6.71E-06	6.09E-06	2.78E-06	2.74E-06	1.31E-07	3.17E-06	7.01E-07	9.11E-07	1.45E-06	2.55E-07	1.44E-06	8.06E-06
6089	474818.58	3848702.22	1.18E-02	1.15E-02	1.14E-02	4.09E-06	1.24E-05	7.15E-06	6.98E-06	6.33E-06	2.89E-06	2.85E-06	1.37E-07	3.30E-06	7.28E-07	9.48E-07	1.50E-06	2.65E-07	1.50E-06	8.38E-06
6090	474745.51	3848637.53	1.14E-02	1.11E-02	1.10E-02	3.95E-06	1.19E-05	6.91E-06	6.74E-06	6.11E-06	2.79E-06	2.75E-06	1.32E-07	3.19E-06	7.03E-07	9.15E-07	1.45E-06	2.56E-07	1.44E-06	8.09E-06
6091	474672.44	3848572.84	1.17E-02	1.14E-02	1.13E-02	4.05E-06	1.22E-05	7.08E-06	6.90E-06	6.26E-06	2.86E-06	2.82E-06	1.35E-07	3.27E-06	7.20E-07	9.37E-07	1.49E-06	2.62E-07	1.48E-06	8.29E-06
6092	474599.37	3848508.15	1.24E-02	1.21E-02	1.20E-02	4.30E-06	1.30E-05	7.52E-06	7.33E-06	6.65E-06	3.03E-06	2.99E-06	1.44E-07	3.47E-06	7.65E-07	9.96E-07	1.58E-06	2.78E-07	1.57E-06	8.80E-06
6093	474526.3	3848443.46	1.28E-02	1.25E-02	1.23E-02	4.43E-06	1.34E-05	7.74E-06	7.55E-06	6.85E-06	3.12E-06	3.08E-06	1.48E-07	3.57E-06	7.88E-07	1.03E-06	1.63E-06	2.87E-07	1.62E-06	9.06E-06

			2028 RD	2033 RD	2048 RD
	Period	Rates (g/s):	2.49E-02	2.55E-02	2.43E-02
	Concentration [ug/m^3] at 1 g/s				
	X, Y	Leads (SLINE1A, 1B)	Leads	Leads	Leads
1	485973.61, 3854936.51	0.04021	1.00E-03	1.03E-03	9.77E-04
2	486023.61, 3854936.51	0.03995	9.95E-04	1.02E-03	9.70E-04
3	486073.61, 3854936.51	0.03986	9.93E-04	1.02E-03	9.68E-04
4	486123.61, 3854936.51	0.03931	9.79E-04	1.00E-03	9.55E-04
5	486173.61, 3854936.51	0.03944	9.82E-04	1.01E-03	9.58E-04
6	486223.61, 3854936.51	0.03916	9.75E-04	9.98E-04	9.51E-04
7	486273.61, 3854936.51	0.03901	9.72E-04	9.94E-04	9.48E-04
8	486323.61, 3854936.51	0.03889	9.69E-04	9.91E-04	9.45E-04
9	485973.61, 3854986.51	0.03975	9.90E-04	1.01E-03	9.65E-04
10	486023.61, 3854986.51	0.03959	9.86E-04	1.01E-03	9.62E-04
11	486073.61, 3854986.51	0.03932	9.79E-04	1.00E-03	9.55E-04
12	486123.61, 3854986.51	0.03906	9.73E-04	9.96E-04	9.49E-04
13	486173.61, 3854986.51	0.03903	9.72E-04	9.95E-04	9.48E-04
14	486223.61, 3854986.51	0.03873	9.65E-04	9.87E-04	9.41E-04
15	486273.61, 3854986.51	0.03837	9.56E-04	9.78E-04	9.32E-04
16	486323.61, 3854986.51	0.03856	9.60E-04	9.83E-04	9.37E-04
17	485973.61, 3855036.51	0.03936	9.80E-04	1.00E-03	9.56E-04
18	486023.61, 3855036.51	0.03915	9.75E-04	9.98E-04	9.51E-04
19	486073.61, 3855036.51	0.03878	9.66E-04	9.89E-04	9.42E-04
20	486123.61, 3855036.51	0.03856	9.60E-04	9.83E-04	9.37E-04
21	486173.61, 3855036.51	0.03855	9.60E-04	9.83E-04	9.36E-04
22	486223.61, 3855036.51	0.03818	9.51E-04	9.73E-04	9.27E-04
23	486273.61, 3855036.51	0.03821	9.52E-04	9.74E-04	9.28E-04
24	486323.61, 3855036.51	0.03798	9.46E-04	9.68E-04	9.23E-04
25	485973.61, 3855086.51	0.03887	9.68E-04	9.91E-04	9.44E-04
26	486023.61, 3855086.51	0.03876	9.65E-04	9.88E-04	9.41E-04
27	486073.61, 3855086.51	0.0384	9.56E-04	9.79E-04	9.33E-04
28	486123.61, 3855086.51	0.0383	9.54E-04	9.76E-04	9.30E-04
29	486173.61, 3855086.51	0.03798	9.46E-04	9.68E-04	9.23E-04
30	486223.61, 3855086.51	0.03786	9.43E-04	9.65E-04	9.20E-04
31	485973.61, 3855136.51	0.03851	9.59E-04	9.82E-04	9.35E-04
32	486023.61, 3855136.51	0.03831	9.54E-04	9.77E-04	9.31E-04
33	486073.61, 3855136.51	0.03808	9.48E-04	9.71E-04	9.25E-04
34	486123.61, 3855136.51	0.0379	9.44E-04	9.66E-04	9.21E-04
35	486173.61, 3855136.51	0.03765	9.38E-04	9.60E-04	9.14E-04
36	486223.61, 3855136.51	0.03746	9.33E-04	9.55E-04	9.10E-04
37	485973.61, 3855186.51	0.03815	9.50E-04	9.73E-04	9.27E-04
38	486023.61, 3855186.51	0.03797	9.46E-04	9.68E-04	9.22E-04
39	486073.61, 3855186.51	0.03765	9.38E-04	9.60E-04	9.14E-04
40	486123.61, 3855186.51	0.03735	9.30E-04	9.52E-04	9.07E-04
41	486173.61, 3855186.51	0.03717	9.26E-04	9.48E-04	9.03E-04
42	486223.61, 3855186.51	0.03698	9.21E-04	9.43E-04	8.98E-04
43	486273.61, 3855186.51	0.03675	9.15E-04	9.37E-04	8.93E-04
44	486323.61, 3855186.51	0.03701	9.22E-04	9.43E-04	8.99E-04
45	485973.61, 3855236.51	0.03774	9.40E-04	9.62E-04	9.17E-04
46	486023.61, 3855236.51	0.03745	9.33E-04	9.55E-04	9.10E-04
47	486073.61, 3855236.51	0.03712	9.24E-04	9.46E-04	9.02E-04
48	486123.61, 3855236.51	0.03691	9.19E-04	9.41E-04	8.97E-04
49	486173.61, 3855236.51	0.03674	9.15E-04	9.37E-04	8.92E-04
50	486223.61, 3855236.51	0.03652	9.10E-04	9.31E-04	8.87E-04
51	486273.61, 3855236.51	0.03608	8.99E-04	9.20E-04	8.76E-04
52	486323.61, 3855236.51	0.03656	9.11E-04	9.32E-04	8.88E-04
53	485973.61, 3855286.51	0.03732	9.29E-04	9.51E-04	9.06E-04
54	486023.61, 3855286.51	0.03699	9.21E-04	9.43E-04	8.98E-04
55	486073.61, 3855286.51	0.03672	9.14E-04	9.36E-04	8.92E-04

56	486123.61, 3855286.51	0.03643	9.07E-04	9.29E-04	8.85E-04
57	486173.61, 3855286.51	0.03618	9.01E-04	9.22E-04	8.79E-04
58	486223.61, 3855286.51	0.03605	8.98E-04	9.19E-04	8.76E-04
59	486123.61, 3855336.51	0.03596	8.96E-04	9.17E-04	8.73E-04
60	486173.61, 3855336.51	0.03579	8.91E-04	9.12E-04	8.69E-04
61	486223.61, 3855336.51	0.03559	8.86E-04	9.07E-04	8.64E-04
62	486123.61, 3855386.51	0.03555	8.85E-04	9.06E-04	8.63E-04
63	486173.61, 3855386.51	0.03537	8.81E-04	9.02E-04	8.59E-04
64	486223.61, 3855386.51	0.03521	8.77E-04	8.98E-04	8.55E-04
65	486533.18, 3855443.15	0.03422	8.52E-04	8.72E-04	8.31E-04
66	486583.18, 3855443.15	0.03407	8.48E-04	8.69E-04	8.28E-04
67	486633.18, 3855443.15	0.03392	8.45E-04	8.65E-04	8.24E-04
68	486683.18, 3855443.15	0.03387	8.44E-04	8.63E-04	8.23E-04
69	486533.18, 3855493.15	0.0338	8.42E-04	8.62E-04	8.21E-04
70	486583.18, 3855493.15	0.0337	8.39E-04	8.59E-04	8.19E-04
71	486633.18, 3855493.15	0.03357	8.36E-04	8.56E-04	8.15E-04
72	486683.18, 3855493.15	0.03344	8.33E-04	8.52E-04	8.12E-04
73	486533.18, 3855543.15	0.03346	8.33E-04	8.53E-04	8.13E-04
74	486583.18, 3855543.15	0.03325	8.28E-04	8.48E-04	8.08E-04
75	486633.18, 3855543.15	0.03315	8.26E-04	8.45E-04	8.05E-04
76	486683.18, 3855543.15	0.03291	8.20E-04	8.39E-04	7.99E-04
77	486533.18, 3855593.15	0.03305	8.23E-04	8.43E-04	8.03E-04
78	486583.18, 3855593.15	0.03289	8.19E-04	8.38E-04	7.99E-04
79	486633.18, 3855593.15	0.03276	8.16E-04	8.35E-04	7.96E-04
80	486683.18, 3855593.15	0.03267	8.14E-04	8.33E-04	7.94E-04
81	486533.18, 3855643.15	0.03269	8.14E-04	8.33E-04	7.94E-04
82	486583.18, 3855643.15	0.03256	8.11E-04	8.30E-04	7.91E-04
83	486633.18, 3855643.15	0.03242	8.07E-04	8.26E-04	7.87E-04
84	486683.18, 3855643.15	0.0323	8.04E-04	8.23E-04	7.85E-04
85	486533.18, 3855693.15	0.03242	8.07E-04	8.26E-04	7.87E-04
86	486583.18, 3855693.15	0.03218	8.01E-04	8.20E-04	7.82E-04
87	486633.18, 3855693.15	0.03193	7.95E-04	8.14E-04	7.76E-04
88	486683.18, 3855693.15	0.03194	7.95E-04	8.14E-04	7.76E-04
89	486733.18, 3855693.15	0.03206	7.98E-04	8.17E-04	7.79E-04
90	486783.18, 3855693.15	0.03223	8.03E-04	8.22E-04	7.83E-04
91	486533.18, 3855743.15	0.0321	7.99E-04	8.18E-04	7.80E-04
92	486583.18, 3855743.15	0.03177	7.91E-04	8.10E-04	7.72E-04
93	486633.18, 3855743.15	0.03161	7.87E-04	8.06E-04	7.68E-04
94	486683.18, 3855743.15	0.03169	7.89E-04	8.08E-04	7.70E-04
95	486733.18, 3855743.15	0.03168	7.89E-04	8.08E-04	7.69E-04
96	486783.18, 3855743.15	0.03191	7.95E-04	8.13E-04	7.75E-04
97	486533.18, 3855793.15	0.03182	7.92E-04	8.11E-04	7.73E-04
98	486583.18, 3855793.15	0.03135	7.81E-04	7.99E-04	7.61E-04
99	486633.18, 3855793.15	0.0314	7.82E-04	8.00E-04	7.63E-04
100	486683.18, 3855793.15	0.03148	7.84E-04	8.03E-04	7.65E-04
101	486733.18, 3855793.15	0.03151	7.85E-04	8.03E-04	7.65E-04
102	486783.18, 3855793.15	0.03157	7.86E-04	8.05E-04	7.67E-04
103	486533.18, 3855843.15	0.03146	7.83E-04	8.02E-04	7.64E-04
104	486583.18, 3855843.15	0.03112	7.75E-04	7.93E-04	7.56E-04
105	486633.18, 3855843.15	0.03116	7.76E-04	7.94E-04	7.57E-04
106	486683.18, 3855843.15	0.03122	7.78E-04	7.96E-04	7.58E-04
107	486733.18, 3855843.15	0.03128	7.79E-04	7.97E-04	7.60E-04
108	486783.18, 3855843.15	0.03132	7.80E-04	7.98E-04	7.61E-04
109	486533.18, 3855893.15	0.031	7.72E-04	7.90E-04	7.53E-04
110	486583.18, 3855893.15	0.03097	7.71E-04	7.90E-04	7.52E-04
111	486633.18, 3855893.15	0.03094	7.71E-04	7.89E-04	7.52E-04
112	486683.18, 3855893.15	0.03098	7.72E-04	7.90E-04	7.52E-04
113	486733.18, 3855893.15	0.03103	7.73E-04	7.91E-04	7.54E-04
114	486783.18, 3855893.15	0.03112	7.75E-04	7.93E-04	7.56E-04

115	486533.18, 3855943.15	0.03079	7.67E-04	7.85E-04	7.48E-04
116	486583.18, 3855943.15	0.03084	7.68E-04	7.86E-04	7.49E-04
117	486633.18, 3855943.15	0.03076	7.66E-04	7.84E-04	7.47E-04
118	486683.18, 3855943.15	0.03081	7.67E-04	7.85E-04	7.48E-04
119	486733.18, 3855943.15	0.0308	7.67E-04	7.85E-04	7.48E-04
120	486783.18, 3855943.15	0.03089	7.69E-04	7.87E-04	7.50E-04
121	486533.18, 3855993.15	0.0307	7.65E-04	7.83E-04	7.46E-04
122	486583.18, 3855993.15	0.03066	7.64E-04	7.82E-04	7.45E-04
123	486633.18, 3855993.15	0.03061	7.62E-04	7.80E-04	7.43E-04
124	486683.18, 3855993.15	0.03063	7.63E-04	7.81E-04	7.44E-04
125	486733.18, 3855993.15	0.03062	7.63E-04	7.81E-04	7.44E-04
126	486783.18, 3855993.15	0.03066	7.64E-04	7.82E-04	7.45E-04
127	486533.18, 3856043.15	0.03062	7.63E-04	7.81E-04	7.44E-04
128	486583.18, 3856043.15	0.03059	7.62E-04	7.80E-04	7.43E-04
129	486633.18, 3856043.15	0.03049	7.59E-04	7.77E-04	7.41E-04
130	486683.18, 3856043.15	0.0305	7.60E-04	7.78E-04	7.41E-04
131	486733.18, 3856043.15	0.03045	7.58E-04	7.76E-04	7.40E-04
132	486783.18, 3856043.15	0.03052	7.60E-04	7.78E-04	7.41E-04
133	486533.18, 3856093.15	0.0306	7.62E-04	7.80E-04	7.43E-04
134	486583.18, 3856093.15	0.03051	7.60E-04	7.78E-04	7.41E-04
135	486633.18, 3856093.15	0.03042	7.58E-04	7.75E-04	7.39E-04
136	486683.18, 3856093.15	0.03039	7.57E-04	7.75E-04	7.38E-04
137	486733.18, 3856093.15	0.03034	7.56E-04	7.73E-04	7.37E-04
138	486783.18, 3856093.15	0.03035	7.56E-04	7.74E-04	7.37E-04
139	486533.18, 3856143.15	0.03056	7.61E-04	7.79E-04	7.42E-04
140	486583.18, 3856143.15	0.03043	7.58E-04	7.76E-04	7.39E-04
141	486633.18, 3856143.15	0.03037	7.56E-04	7.74E-04	7.38E-04
142	486683.18, 3856143.15	0.0303	7.55E-04	7.72E-04	7.36E-04
143	486733.18, 3856143.15	0.03025	7.53E-04	7.71E-04	7.35E-04
144	486783.18, 3856143.15	0.0303	7.55E-04	7.72E-04	7.36E-04
145	486533.18, 3856193.15	0.03057	7.61E-04	7.79E-04	7.43E-04
146	486583.18, 3856193.15	0.0304	7.57E-04	7.75E-04	7.38E-04
147	486633.18, 3856193.15	0.03034	7.56E-04	7.73E-04	7.37E-04
148	486683.18, 3856193.15	0.03032	7.55E-04	7.73E-04	7.36E-04
149	486733.18, 3856193.15	0.03022	7.53E-04	7.70E-04	7.34E-04
150	486783.18, 3856193.15	0.03024	7.53E-04	7.71E-04	7.35E-04
151	486533.18, 3856243.15	0.03054	7.61E-04	7.79E-04	7.42E-04
152	486583.18, 3856243.15	0.03044	7.58E-04	7.76E-04	7.39E-04
153	486633.18, 3856243.15	0.03035	7.56E-04	7.74E-04	7.37E-04
154	486683.18, 3856243.15	0.03028	7.54E-04	7.72E-04	7.35E-04
155	486733.18, 3856243.15	0.03025	7.53E-04	7.71E-04	7.35E-04
156	486783.18, 3856243.15	0.03019	7.52E-04	7.70E-04	7.33E-04
157	486533.18, 3856293.15	0.03052	7.60E-04	7.78E-04	7.41E-04
158	486583.18, 3856293.15	0.03043	7.58E-04	7.76E-04	7.39E-04
159	486633.18, 3856293.15	0.03036	7.56E-04	7.74E-04	7.37E-04
160	486683.18, 3856293.15	0.03029	7.54E-04	7.72E-04	7.36E-04
161	486733.18, 3856293.15	0.03028	7.54E-04	7.72E-04	7.35E-04
162	486783.18, 3856293.15	0.0302	7.52E-04	7.70E-04	7.34E-04
163	486783.18, 3856343.15	0.03028	7.54E-04	7.72E-04	7.35E-04
164	486833.18, 3856343.15	0.03022	7.53E-04	7.70E-04	7.34E-04
165	486883.18, 3856343.15	0.03018	7.52E-04	7.69E-04	7.33E-04
166	486783.18, 3856393.15	0.03028	7.54E-04	7.72E-04	7.35E-04
167	486833.18, 3856393.15	0.03024	7.53E-04	7.71E-04	7.35E-04
168	486883.18, 3856393.15	0.03015	7.51E-04	7.69E-04	7.32E-04
169	487208.74, 3856886.11	0.03092	7.70E-04	7.88E-04	7.51E-04
170	487258.74, 3856886.11	0.03088	7.69E-04	7.87E-04	7.50E-04
171	487308.74, 3856886.11	0.03083	7.68E-04	7.86E-04	7.49E-04
172	487358.74, 3856886.11	0.03076	7.66E-04	7.84E-04	7.47E-04
173	487208.74, 3856936.11	0.03107	7.74E-04	7.92E-04	7.55E-04

174	487258.74, 3856936.11	0.03106	7.74E-04	7.92E-04	7.54E-04
175	487308.74, 3856936.11	0.03104	7.73E-04	7.91E-04	7.54E-04
176	487358.74, 3856936.11	0.03099	7.72E-04	7.90E-04	7.53E-04
177	487208.74, 3856986.11	0.03117	7.76E-04	7.95E-04	7.57E-04
178	487258.74, 3856986.11	0.03126	7.79E-04	7.97E-04	7.59E-04
179	487308.74, 3856986.11	0.03125	7.78E-04	7.97E-04	7.59E-04
180	487358.74, 3856986.11	0.03125	7.78E-04	7.97E-04	7.59E-04
181	487208.74, 3857036.11	0.03126	7.79E-04	7.97E-04	7.59E-04
182	487258.74, 3857036.11	0.03139	7.82E-04	8.00E-04	7.62E-04
183	487308.74, 3857036.11	0.03149	7.84E-04	8.03E-04	7.65E-04
184	487358.74, 3857036.11	0.03152	7.85E-04	8.04E-04	7.66E-04
185	487427.14, 3856878.23	0.03072	7.65E-04	7.83E-04	7.46E-04
186	487477.14, 3856878.23	0.03071	7.65E-04	7.83E-04	7.46E-04
187	487527.14, 3856878.23	0.0307	7.65E-04	7.83E-04	7.46E-04
188	487427.14, 3856928.23	0.03093	7.70E-04	7.88E-04	7.51E-04
189	487477.14, 3856928.23	0.03088	7.69E-04	7.87E-04	7.50E-04
190	487527.14, 3856928.23	0.03088	7.69E-04	7.87E-04	7.50E-04
191	487577.14, 3856928.23	0.03089	7.69E-04	7.87E-04	7.50E-04
192	487627.14, 3856928.23	0.03087	7.69E-04	7.87E-04	7.50E-04
193	487677.14, 3856928.23	0.03095	7.71E-04	7.89E-04	7.52E-04
194	487727.14, 3856928.23	0.03106	7.74E-04	7.92E-04	7.54E-04
195	487777.14, 3856928.23	0.03114	7.76E-04	7.94E-04	7.56E-04
196	487427.14, 3856978.23	0.03115	7.76E-04	7.94E-04	7.57E-04
197	487477.14, 3856978.23	0.03114	7.76E-04	7.94E-04	7.56E-04
198	487527.14, 3856978.23	0.03113	7.75E-04	7.94E-04	7.56E-04
199	487577.14, 3856978.23	0.03112	7.75E-04	7.93E-04	7.56E-04
200	487627.14, 3856978.23	0.03108	7.74E-04	7.92E-04	7.55E-04
201	487677.14, 3856978.23	0.03114	7.76E-04	7.94E-04	7.56E-04
202	487727.14, 3856978.23	0.03109	7.74E-04	7.93E-04	7.55E-04
203	487777.14, 3856978.23	0.03134	7.81E-04	7.99E-04	7.61E-04
204	487427.14, 3857028.23	0.03145	7.83E-04	8.02E-04	7.64E-04
205	487477.14, 3857028.23	0.03143	7.83E-04	8.01E-04	7.63E-04
206	487527.14, 3857028.23	0.03139	7.82E-04	8.00E-04	7.62E-04
207	487577.14, 3857028.23	0.03138	7.82E-04	8.00E-04	7.62E-04
208	487627.14, 3857028.23	0.03133	7.80E-04	7.99E-04	7.61E-04
209	487677.14, 3857028.23	0.03135	7.81E-04	7.99E-04	7.61E-04
210	487727.14, 3857028.23	0.03144	7.83E-04	8.01E-04	7.64E-04
211	487777.14, 3857028.23	0.03152	7.85E-04	8.04E-04	7.66E-04
212	487427.14, 3857078.23	0.03174	7.90E-04	8.09E-04	7.71E-04
213	487477.14, 3857078.23	0.03171	7.90E-04	8.08E-04	7.70E-04
214	487527.14, 3857078.23	0.0317	7.89E-04	8.08E-04	7.70E-04
215	487577.14, 3857078.23	0.03167	7.89E-04	8.07E-04	7.69E-04
216	487627.14, 3857078.23	0.03164	7.88E-04	8.07E-04	7.69E-04
217	487677.14, 3857078.23	0.03164	7.88E-04	8.07E-04	7.69E-04
218	487727.14, 3857078.23	0.03169	7.89E-04	8.08E-04	7.70E-04
219	487777.14, 3857078.23	0.03172	7.90E-04	8.09E-04	7.70E-04
220	487427.14, 3857128.23	0.03203	7.98E-04	8.17E-04	7.78E-04
221	487477.14, 3857128.23	0.03202	7.97E-04	8.16E-04	7.78E-04
222	487527.14, 3857128.23	0.03199	7.97E-04	8.16E-04	7.77E-04
223	487577.14, 3857128.23	0.03198	7.96E-04	8.15E-04	7.77E-04
224	487627.14, 3857128.23	0.03197	7.96E-04	8.15E-04	7.77E-04
225	487677.14, 3857128.23	0.03193	7.95E-04	8.14E-04	7.76E-04
226	487727.14, 3857128.23	0.032	7.97E-04	8.16E-04	7.77E-04
227	487777.14, 3857128.23	0.032	7.97E-04	8.16E-04	7.77E-04
228	488049.44, 3856539.39	0.03031	7.55E-04	7.73E-04	7.36E-04
229	488099.44, 3856539.39	0.03021	7.52E-04	7.70E-04	7.34E-04
230	488149.44, 3856539.39	0.03017	7.51E-04	7.69E-04	7.33E-04
231	488049.44, 3856589.39	0.03037	7.56E-04	7.74E-04	7.38E-04
232	488099.44, 3856589.39	0.03028	7.54E-04	7.72E-04	7.35E-04

233	488149.44, 3856589.39	0.03021	7.52E-04	7.70E-04	7.34E-04
234	488199.44, 3856589.39	0.03011	7.50E-04	7.68E-04	7.31E-04
235	488249.44, 3856589.39	0.03015	7.51E-04	7.69E-04	7.32E-04
236	488049.44, 3856639.39	0.03045	7.58E-04	7.76E-04	7.40E-04
237	488099.44, 3856639.39	0.03035	7.56E-04	7.74E-04	7.37E-04
238	488149.44, 3856639.39	0.03027	7.54E-04	7.72E-04	7.35E-04
239	488199.44, 3856639.39	0.03023	7.53E-04	7.71E-04	7.34E-04
240	488249.44, 3856639.39	0.03018	7.52E-04	7.69E-04	7.33E-04
241	488299.44, 3856639.39	0.03013	7.50E-04	7.68E-04	7.32E-04
242	488349.44, 3856639.39	0.03006	7.49E-04	7.66E-04	7.30E-04
243	488399.44, 3856639.39	0.03007	7.49E-04	7.67E-04	7.30E-04
244	488099.44, 3856689.39	0.03049	7.59E-04	7.77E-04	7.41E-04
245	488149.44, 3856689.39	0.03038	7.57E-04	7.74E-04	7.38E-04
246	488199.44, 3856689.39	0.03033	7.55E-04	7.73E-04	7.37E-04
247	488249.44, 3856689.39	0.03024	7.53E-04	7.71E-04	7.35E-04
248	488299.44, 3856689.39	0.03023	7.53E-04	7.71E-04	7.34E-04
249	488349.44, 3856689.39	0.03015	7.51E-04	7.69E-04	7.32E-04
250	488399.44, 3856689.39	0.03002	7.48E-04	7.65E-04	7.29E-04
251	488099.44, 3856739.39	0.03068	7.64E-04	7.82E-04	7.45E-04
252	488149.44, 3856739.39	0.03054	7.61E-04	7.79E-04	7.42E-04
253	488199.44, 3856739.39	0.03051	7.60E-04	7.78E-04	7.41E-04
254	488249.44, 3856739.39	0.03041	7.57E-04	7.75E-04	7.39E-04
255	488299.44, 3856739.39	0.03025	7.53E-04	7.71E-04	7.35E-04
256	488349.44, 3856739.39	0.03028	7.54E-04	7.72E-04	7.35E-04
257	488399.44, 3856739.39	0.03031	7.55E-04	7.73E-04	7.36E-04
258	487999.44, 3856789.39	0.03094	7.71E-04	7.89E-04	7.52E-04
259	488049.44, 3856789.39	0.03087	7.69E-04	7.87E-04	7.50E-04
260	488099.44, 3856789.39	0.03084	7.68E-04	7.86E-04	7.49E-04
261	488149.44, 3856789.39	0.03073	7.65E-04	7.83E-04	7.46E-04
262	488199.44, 3856789.39	0.03067	7.64E-04	7.82E-04	7.45E-04
263	488249.44, 3856789.39	0.03058	7.62E-04	7.80E-04	7.43E-04
264	488299.44, 3856789.39	0.03045	7.58E-04	7.76E-04	7.40E-04
265	488349.44, 3856789.39	0.03048	7.59E-04	7.77E-04	7.40E-04
266	488399.44, 3856789.39	0.03046	7.59E-04	7.77E-04	7.40E-04
267	487949.44, 3856839.39	0.03114	7.76E-04	7.94E-04	7.56E-04
268	487999.44, 3856839.39	0.03112	7.75E-04	7.93E-04	7.56E-04
269	488049.44, 3856839.39	0.03105	7.73E-04	7.92E-04	7.54E-04
270	488099.44, 3856839.39	0.031	7.72E-04	7.90E-04	7.53E-04
271	488149.44, 3856839.39	0.03095	7.71E-04	7.89E-04	7.52E-04
272	488199.44, 3856839.39	0.03089	7.69E-04	7.87E-04	7.50E-04
273	487949.44, 3856889.39	0.03127	7.79E-04	7.97E-04	7.60E-04
274	487999.44, 3856889.39	0.03133	7.80E-04	7.99E-04	7.61E-04
275	488049.44, 3856889.39	0.03123	7.78E-04	7.96E-04	7.59E-04
276	488099.44, 3856889.39	0.03123	7.78E-04	7.96E-04	7.59E-04
277	488635.86, 3857895.05	0.0459	1.14E-03	1.17E-03	1.11E-03
278	489137.64, 3857804.15	0.04254	1.06E-03	1.08E-03	1.03E-03
279	488617.32, 3857859.41	0.04471	1.11E-03	1.14E-03	1.09E-03
280	488667.32, 3857859.41	0.04479	1.12E-03	1.14E-03	1.09E-03
281	488717.32, 3857859.41	0.04499	1.12E-03	1.15E-03	1.09E-03
282	488767.32, 3857859.41	0.04535	1.13E-03	1.16E-03	1.10E-03
283	488617.32, 3857909.41	0.04635	1.15E-03	1.18E-03	1.13E-03
284	488667.32, 3857909.41	0.04685	1.17E-03	1.19E-03	1.14E-03
285	488717.32, 3857909.41	0.04662	1.16E-03	1.19E-03	1.13E-03
286	488767.32, 3857909.41	0.04707	1.17E-03	1.20E-03	1.14E-03
287	488417.32, 3857959.41	0.04771	1.19E-03	1.22E-03	1.16E-03
288	488467.32, 3857959.41	0.04788	1.19E-03	1.22E-03	1.16E-03
289	488517.32, 3857959.41	0.04807	1.20E-03	1.23E-03	1.17E-03
290	488567.32, 3857959.41	0.0482	1.20E-03	1.23E-03	1.17E-03
291	488617.32, 3857959.41	0.04829	1.20E-03	1.23E-03	1.17E-03

292	488667.32, 3857959.41	0.04844	1.21E-03	1.23E-03	1.18E-03
293	488717.32, 3857959.41	0.04867	1.21E-03	1.24E-03	1.18E-03
294	488767.32, 3857959.41	0.04886	1.22E-03	1.25E-03	1.19E-03
295	488417.32, 3858009.41	0.04964	1.24E-03	1.27E-03	1.21E-03
296	488467.32, 3858009.41	0.04993	1.24E-03	1.27E-03	1.21E-03
297	488517.32, 3858009.41	0.05003	1.25E-03	1.28E-03	1.22E-03
298	488567.32, 3858009.41	0.05017	1.25E-03	1.28E-03	1.22E-03
299	488617.32, 3858009.41	0.05022	1.25E-03	1.28E-03	1.22E-03
300	488667.32, 3858009.41	0.05033	1.25E-03	1.28E-03	1.22E-03
301	488717.32, 3858009.41	0.05053	1.26E-03	1.29E-03	1.23E-03
302	488767.32, 3858009.41	0.05074	1.26E-03	1.29E-03	1.23E-03
303	488417.32, 3858059.41	0.05179	1.29E-03	1.32E-03	1.26E-03
304	488467.32, 3858059.41	0.05206	1.30E-03	1.33E-03	1.26E-03
305	488517.32, 3858059.41	0.05225	1.30E-03	1.33E-03	1.27E-03
306	488567.32, 3858059.41	0.05234	1.30E-03	1.33E-03	1.27E-03
307	488617.32, 3858059.41	0.05245	1.31E-03	1.34E-03	1.27E-03
308	488667.32, 3858059.41	0.05256	1.31E-03	1.34E-03	1.28E-03
309	488417.32, 3858109.41	0.05389	1.34E-03	1.37E-03	1.31E-03
310	488467.32, 3858109.41	0.05432	1.35E-03	1.38E-03	1.32E-03
311	488517.32, 3858109.41	0.05463	1.36E-03	1.39E-03	1.33E-03
312	488567.32, 3858109.41	0.05474	1.36E-03	1.40E-03	1.33E-03
313	488617.32, 3858109.41	0.05488	1.37E-03	1.40E-03	1.33E-03
314	488667.32, 3858109.41	0.05496	1.37E-03	1.40E-03	1.33E-03
315	488769.93, 3858449.27	0.08475	2.11E-03	2.16E-03	2.06E-03
316	488819.93, 3858449.27	0.08528	2.12E-03	2.17E-03	2.07E-03
317	488819.93, 3858499.27	0.09342	2.33E-03	2.38E-03	2.27E-03
318	488869.93, 3858499.27	0.09375	2.33E-03	2.39E-03	2.28E-03
319	488869.93, 3858549.27	0.10399	2.59E-03	2.65E-03	2.53E-03
320	489438.17, 3859571.48	0.36786	9.16E-03	9.38E-03	8.94E-03
321	489488.17, 3859571.48	0.40069	9.98E-03	1.02E-02	9.73E-03
322	489538.17, 3859571.48	0.43861	1.09E-02	1.12E-02	1.07E-02
323	489588.17, 3859571.48	0.48033	1.20E-02	1.22E-02	1.17E-02
324	489438.17, 3859621.48	0.32344	8.06E-03	8.25E-03	7.86E-03
325	489488.17, 3859621.48	0.34848	8.68E-03	8.88E-03	8.46E-03
326	489538.17, 3859621.48	0.37754	9.40E-03	9.62E-03	9.17E-03
327	489588.17, 3859621.48	0.41267	1.03E-02	1.05E-02	1.00E-02
328	489238.17, 3859671.48	0.22515	5.61E-03	5.74E-03	5.47E-03
329	489288.17, 3859671.48	0.23824	5.93E-03	6.07E-03	5.79E-03
330	489338.17, 3859671.48	0.25345	6.31E-03	6.46E-03	6.16E-03
331	489388.17, 3859671.48	0.27134	6.76E-03	6.92E-03	6.59E-03
332	489438.17, 3859671.48	0.28908	7.20E-03	7.37E-03	7.02E-03
333	489488.17, 3859671.48	0.31112	7.75E-03	7.93E-03	7.56E-03
334	489538.17, 3859671.48	0.33473	8.34E-03	8.53E-03	8.13E-03
335	489588.17, 3859671.48	0.36181	9.01E-03	9.22E-03	8.79E-03
336	489238.17, 3859721.48	0.20801	5.18E-03	5.30E-03	5.05E-03
337	489288.17, 3859721.48	0.22051	5.49E-03	5.62E-03	5.36E-03
338	489338.17, 3859721.48	0.23325	5.81E-03	5.95E-03	5.67E-03
339	489388.17, 3859721.48	0.24712	6.15E-03	6.30E-03	6.00E-03
340	489438.17, 3859721.48	0.26201	6.53E-03	6.68E-03	6.36E-03
341	489488.17, 3859721.48	0.28045	6.98E-03	7.15E-03	6.81E-03
342	489538.17, 3859721.48	0.29999	7.47E-03	7.65E-03	7.29E-03
343	489588.17, 3859721.48	0.32156	8.01E-03	8.20E-03	7.81E-03
344	489238.17, 3859771.48	0.19354	4.82E-03	4.93E-03	4.70E-03
345	489288.17, 3859771.48	0.20435	5.09E-03	5.21E-03	4.96E-03
346	489338.17, 3859771.48	0.21479	5.35E-03	5.48E-03	5.22E-03
347	489388.17, 3859771.48	0.22683	5.65E-03	5.78E-03	5.51E-03
348	489438.17, 3859771.48	0.23923	5.96E-03	6.10E-03	5.81E-03
349	489488.17, 3859771.48	0.25525	6.36E-03	6.51E-03	6.20E-03
350	489538.17, 3859771.48	0.27181	6.77E-03	6.93E-03	6.60E-03

351	489588.17, 3859771.48	0.28886	7.19E-03	7.36E-03	7.02E-03
352	489238.17, 3859821.48	0.18059	4.50E-03	4.60E-03	4.39E-03
353	489288.17, 3859821.48	0.19016	4.74E-03	4.85E-03	4.62E-03
354	489338.17, 3859821.48	0.19941	4.97E-03	5.08E-03	4.84E-03
355	489388.17, 3859821.48	0.20967	5.22E-03	5.35E-03	5.09E-03
356	489438.17, 3859821.48	0.22167	5.52E-03	5.65E-03	5.38E-03
357	489488.17, 3859821.48	0.2344	5.84E-03	5.98E-03	5.69E-03
358	489538.17, 3859821.48	0.24797	6.18E-03	6.32E-03	6.02E-03
359	489588.17, 3859821.48	0.26204	6.53E-03	6.68E-03	6.36E-03
360	489238.17, 3859871.48	0.16952	4.22E-03	4.32E-03	4.12E-03
361	489288.17, 3859871.48	0.17744	4.42E-03	4.52E-03	4.31E-03
362	489338.17, 3859871.48	0.18589	4.63E-03	4.74E-03	4.52E-03
363	489388.17, 3859871.48	0.19544	4.87E-03	4.98E-03	4.75E-03
364	489438.17, 3859871.48	0.20608	5.13E-03	5.25E-03	5.01E-03
365	489488.17, 3859871.48	0.21679	5.40E-03	5.53E-03	5.27E-03
366	489538.17, 3859871.48	0.22758	5.67E-03	5.80E-03	5.53E-03
367	489588.17, 3859871.48	0.2392	5.96E-03	6.10E-03	5.81E-03
368	489238.17, 3859921.48	0.16001	3.98E-03	4.08E-03	3.89E-03
369	489288.17, 3859921.48	0.16753	4.17E-03	4.27E-03	4.07E-03
370	489338.17, 3859921.48	0.17499	4.36E-03	4.46E-03	4.25E-03
371	489388.17, 3859921.48	0.18334	4.57E-03	4.67E-03	4.45E-03
372	489438.17, 3859921.48	0.19196	4.78E-03	4.89E-03	4.66E-03
373	489488.17, 3859921.48	0.20043	4.99E-03	5.11E-03	4.87E-03
374	489538.17, 3859921.48	0.20937	5.21E-03	5.34E-03	5.09E-03
375	489588.17, 3859921.48	0.2181	5.43E-03	5.56E-03	5.30E-03
376	489238.17, 3859971.48	0.15151	3.77E-03	3.86E-03	3.68E-03
377	489288.17, 3859971.48	0.15783	3.93E-03	4.02E-03	3.83E-03
378	489338.17, 3859971.48	0.16472	4.10E-03	4.20E-03	4.00E-03
379	489388.17, 3859971.48	0.17194	4.28E-03	4.38E-03	4.18E-03
380	489438.17, 3859971.48	0.17815	4.44E-03	4.54E-03	4.33E-03
381	489488.17, 3859971.48	0.18031	4.49E-03	4.60E-03	4.38E-03
382	489538.17, 3859971.48	0.18311	4.56E-03	4.67E-03	4.45E-03
383	489588.17, 3859971.48	0.18574	4.63E-03	4.73E-03	4.51E-03
384	483577.7, 3854071	0.09225	2.30E-03	2.35E-03	2.24E-03
385	483627.7, 3854071	0.09183	2.29E-03	2.34E-03	2.23E-03
386	483677.7, 3854071	0.0912	2.27E-03	2.32E-03	2.22E-03
387	483727.7, 3854071	0.0905	2.25E-03	2.31E-03	2.20E-03
388	483777.7, 3854071	0.08912	2.22E-03	2.27E-03	2.16E-03
389	483577.7, 3854121	0.08729	2.17E-03	2.23E-03	2.12E-03
390	483627.7, 3854121	0.0866	2.16E-03	2.21E-03	2.10E-03
391	483677.7, 3854121	0.08558	2.13E-03	2.18E-03	2.08E-03
392	483727.7, 3854121	0.0844	2.10E-03	2.15E-03	2.05E-03
393	483777.7, 3854121	0.08362	2.08E-03	2.13E-03	2.03E-03
394	483577.7, 3854171	0.08202	2.04E-03	2.09E-03	1.99E-03
395	483627.7, 3854171	0.08089	2.01E-03	2.06E-03	1.96E-03
396	483677.7, 3854171	0.08004	1.99E-03	2.04E-03	1.94E-03
397	483727.7, 3854171	0.07939	1.98E-03	2.02E-03	1.93E-03
398	483777.7, 3854171	0.07857	1.96E-03	2.00E-03	1.91E-03
399	483827.7, 3854171	0.07702	1.92E-03	1.96E-03	1.87E-03
400	483877.7, 3854171	0.07616	1.90E-03	1.94E-03	1.85E-03
401	483727.7, 3854221	0.07498	1.87E-03	1.91E-03	1.82E-03
402	483777.7, 3854221	0.0741	1.85E-03	1.89E-03	1.80E-03
403	483827.7, 3854221	0.07409	1.85E-03	1.89E-03	1.80E-03
404	483877.7, 3854221	0.07294	1.82E-03	1.86E-03	1.77E-03
405	489150.19, 3858726.45	0.19275	4.80E-03	4.91E-03	4.68E-03
406	489200.19, 3858726.45	0.19809	4.93E-03	5.05E-03	4.81E-03
407	489150.19, 3858776.45	0.27044	6.74E-03	6.89E-03	6.57E-03
408	489200.19, 3858776.45	0.27536	6.86E-03	7.02E-03	6.69E-03
409	488919.6, 3856400.76	0.03103	7.73E-04	7.91E-04	7.54E-04

410	488919.6, 3856450.76	0.03084	7.68E-04	7.86E-04	7.49E-04
411	488969.6, 3856450.76	0.03085	7.68E-04	7.86E-04	7.49E-04
412	488919.6, 3856500.76	0.03067	7.64E-04	7.82E-04	7.45E-04
413	488969.6, 3856500.76	0.03071	7.65E-04	7.83E-04	7.46E-04
414	488919.6, 3856550.76	0.03056	7.61E-04	7.79E-04	7.42E-04
415	488969.6, 3856550.76	0.03057	7.61E-04	7.79E-04	7.43E-04
416	488819.6, 3856600.76	0.03036	7.56E-04	7.74E-04	7.37E-04
417	488869.6, 3856600.76	0.03039	7.57E-04	7.75E-04	7.38E-04
418	488919.6, 3856600.76	0.03043	7.58E-04	7.76E-04	7.39E-04
419	488819.6, 3856650.76	0.03027	7.54E-04	7.72E-04	7.35E-04
420	488869.6, 3856650.76	0.0303	7.55E-04	7.72E-04	7.36E-04
421	488819.6, 3856700.76	0.03024	7.53E-04	7.71E-04	7.35E-04
422	488869.6, 3856700.76	0.03026	7.54E-04	7.71E-04	7.35E-04
423	488819.6, 3856750.76	0.03022	7.53E-04	7.70E-04	7.34E-04
424	488869.6, 3856750.76	0.03026	7.54E-04	7.71E-04	7.35E-04
425	488819.6, 3857050.76	0.03124	7.78E-04	7.96E-04	7.59E-04
426	488869.6, 3857050.76	0.03119	7.77E-04	7.95E-04	7.58E-04
427	488919.6, 3857050.76	0.03113	7.75E-04	7.94E-04	7.56E-04
428	488819.6, 3857100.76	0.03162	7.87E-04	8.06E-04	7.68E-04
429	488869.6, 3857100.76	0.03152	7.85E-04	8.04E-04	7.66E-04
430	488919.6, 3857100.76	0.03147	7.84E-04	8.02E-04	7.64E-04
431	488819.6, 3857150.76	0.03206	7.98E-04	8.17E-04	7.79E-04
432	488869.6, 3857150.76	0.03196	7.96E-04	8.15E-04	7.76E-04
433	488919.6, 3857150.76	0.03185	7.93E-04	8.12E-04	7.74E-04
434	488969.6, 3857150.76	0.03176	7.91E-04	8.10E-04	7.71E-04
435	488819.6, 3857200.76	0.03258	8.11E-04	8.31E-04	7.91E-04
436	488869.6, 3857200.76	0.03247	8.09E-04	8.28E-04	7.89E-04
437	488919.6, 3857200.76	0.03234	8.05E-04	8.24E-04	7.86E-04
438	488969.6, 3857200.76	0.03219	8.02E-04	8.21E-04	7.82E-04
439	488819.6, 3857250.76	0.03313	8.25E-04	8.45E-04	8.05E-04
440	488869.6, 3857250.76	0.033	8.22E-04	8.41E-04	8.02E-04
441	488919.6, 3857250.76	0.03286	8.18E-04	8.38E-04	7.98E-04
442	488969.6, 3857250.76	0.03271	8.15E-04	8.34E-04	7.94E-04
443	488819.6, 3857300.76	0.03378	8.41E-04	8.61E-04	8.20E-04
444	488869.6, 3857300.76	0.03363	8.38E-04	8.57E-04	8.17E-04
445	488919.6, 3857300.76	0.03349	8.34E-04	8.54E-04	8.13E-04
446	488819.6, 3857450.76	0.03602	8.97E-04	9.18E-04	8.75E-04
447	488869.6, 3857450.76	0.03587	8.93E-04	9.14E-04	8.71E-04
448	488919.6, 3857450.76	0.03576	8.91E-04	9.12E-04	8.69E-04
449	488819.6, 3857500.76	0.03684	9.17E-04	9.39E-04	8.95E-04
450	488869.6, 3857500.76	0.03676	9.15E-04	9.37E-04	8.93E-04
451	488919.6, 3857500.76	0.03665	9.13E-04	9.34E-04	8.90E-04
452	488819.6, 3857550.76	0.03775	9.40E-04	9.62E-04	9.17E-04
453	488869.6, 3857550.76	0.03768	9.38E-04	9.61E-04	9.15E-04
454	488919.6, 3857550.76	0.0376	9.36E-04	9.59E-04	9.13E-04
455	489663.71, 3860900.05	0.0748	1.86E-03	1.91E-03	1.82E-03
456	489813.71, 3860900.05	0.07876	1.96E-03	2.01E-03	1.91E-03
457	489863.71, 3860900.05	0.07991	1.99E-03	2.04E-03	1.94E-03
458	489913.71, 3860900.05	0.08161	2.03E-03	2.08E-03	1.98E-03
459	489963.71, 3860900.05	0.08286	2.06E-03	2.11E-03	2.01E-03
460	490013.71, 3860900.05	0.08473	2.11E-03	2.16E-03	2.06E-03
461	490063.71, 3860900.05	0.08639	2.15E-03	2.20E-03	2.10E-03
462	489663.71, 3860950.05	0.07204	1.79E-03	1.84E-03	1.75E-03
463	489813.71, 3860950.05	0.07565	1.88E-03	1.93E-03	1.84E-03
464	489863.71, 3860950.05	0.07663	1.91E-03	1.95E-03	1.86E-03
465	489913.71, 3860950.05	0.07807	1.94E-03	1.99E-03	1.90E-03
466	489963.71, 3860950.05	0.0793	1.97E-03	2.02E-03	1.93E-03
467	490013.71, 3860950.05	0.08077	2.01E-03	2.06E-03	1.96E-03
468	490063.71, 3860950.05	0.08234	2.05E-03	2.10E-03	2.00E-03

469	489513.71, 3861000.05	0.06651	1.66E-03	1.70E-03	1.62E-03
470	489563.71, 3861000.05	0.06742	1.68E-03	1.72E-03	1.64E-03
471	489613.71, 3861000.05	0.06851	1.71E-03	1.75E-03	1.66E-03
472	489663.71, 3861000.05	0.06953	1.73E-03	1.77E-03	1.69E-03
473	489713.71, 3861000.05	0.07045	1.75E-03	1.80E-03	1.71E-03
474	489763.71, 3861000.05	0.07149	1.78E-03	1.82E-03	1.74E-03
475	489813.71, 3861000.05	0.07283	1.81E-03	1.86E-03	1.77E-03
476	489863.71, 3861000.05	0.07369	1.84E-03	1.88E-03	1.79E-03
477	489913.71, 3861000.05	0.07498	1.87E-03	1.91E-03	1.82E-03
478	489963.71, 3861000.05	0.07597	1.89E-03	1.94E-03	1.85E-03
479	490013.71, 3861000.05	0.07728	1.92E-03	1.97E-03	1.88E-03
480	490063.71, 3861000.05	0.07859	1.96E-03	2.00E-03	1.91E-03
481	489513.71, 3861050.05	0.06445	1.61E-03	1.64E-03	1.57E-03
482	489563.71, 3861050.05	0.06527	1.63E-03	1.66E-03	1.59E-03
483	489613.71, 3861050.05	0.0664	1.65E-03	1.69E-03	1.61E-03
484	489663.71, 3861050.05	0.06713	1.67E-03	1.71E-03	1.63E-03
485	489713.71, 3861050.05	0.06794	1.69E-03	1.73E-03	1.65E-03
486	489763.71, 3861050.05	0.06892	1.72E-03	1.76E-03	1.67E-03
487	489813.71, 3861050.05	0.06999	1.74E-03	1.78E-03	1.70E-03
488	489863.71, 3861050.05	0.07091	1.77E-03	1.81E-03	1.72E-03
489	489913.71, 3861050.05	0.07192	1.79E-03	1.83E-03	1.75E-03
490	489963.71, 3861050.05	0.07292	1.82E-03	1.86E-03	1.77E-03
491	490013.71, 3861050.05	0.0742	1.85E-03	1.89E-03	1.80E-03
492	490063.71, 3861050.05	0.07529	1.88E-03	1.92E-03	1.83E-03
493	489513.71, 3861100.05	0.06266	1.56E-03	1.60E-03	1.52E-03
494	489563.71, 3861100.05	0.06318	1.57E-03	1.61E-03	1.53E-03
495	489613.71, 3861100.05	0.06367	1.59E-03	1.62E-03	1.55E-03
496	489663.71, 3861100.05	0.06455	1.61E-03	1.65E-03	1.57E-03
497	489713.71, 3861100.05	0.06543	1.63E-03	1.67E-03	1.59E-03
498	489763.71, 3861100.05	0.06631	1.65E-03	1.69E-03	1.61E-03
499	489813.71, 3861100.05	0.06729	1.68E-03	1.72E-03	1.63E-03
500	489863.71, 3861100.05	0.06839	1.70E-03	1.74E-03	1.66E-03
501	489913.71, 3861100.05	0.06912	1.72E-03	1.76E-03	1.68E-03
502	489963.71, 3861100.05	0.07005	1.74E-03	1.79E-03	1.70E-03
503	490013.71, 3861100.05	0.07088	1.77E-03	1.81E-03	1.72E-03
504	490063.71, 3861100.05	0.0719	1.79E-03	1.83E-03	1.75E-03
505	489713.71, 3861150.05	0.06309	1.57E-03	1.61E-03	1.53E-03
506	489763.71, 3861150.05	0.06394	1.59E-03	1.63E-03	1.55E-03
507	489813.71, 3861150.05	0.06483	1.61E-03	1.65E-03	1.57E-03
508	489863.71, 3861150.05	0.06564	1.63E-03	1.67E-03	1.59E-03
509	489913.71, 3861150.05	0.06641	1.65E-03	1.69E-03	1.61E-03
510	489963.71, 3861150.05	0.06713	1.67E-03	1.71E-03	1.63E-03
511	490013.71, 3861150.05	0.06789	1.69E-03	1.73E-03	1.65E-03
512	490063.71, 3861150.05	0.06886	1.71E-03	1.76E-03	1.67E-03
513	489613.71, 3861200.05	0.05932	1.48E-03	1.51E-03	1.44E-03
514	489663.71, 3861200.05	0.06009	1.50E-03	1.53E-03	1.46E-03
515	489713.71, 3861200.05	0.06088	1.52E-03	1.55E-03	1.48E-03
516	489763.71, 3861200.05	0.06165	1.54E-03	1.57E-03	1.50E-03
517	489813.71, 3861200.05	0.06245	1.56E-03	1.59E-03	1.52E-03
518	489863.71, 3861200.05	0.0633	1.58E-03	1.61E-03	1.54E-03
519	489913.71, 3861200.05	0.06396	1.59E-03	1.63E-03	1.55E-03
520	489963.71, 3861200.05	0.06456	1.61E-03	1.65E-03	1.57E-03
521	490013.71, 3861200.05	0.06531	1.63E-03	1.66E-03	1.59E-03
522	490063.71, 3861200.05	0.06599	1.64E-03	1.68E-03	1.60E-03
523	489513.71, 3861250.05	0.0559	1.39E-03	1.43E-03	1.36E-03
524	489563.71, 3861250.05	0.05669	1.41E-03	1.45E-03	1.38E-03
525	489613.71, 3861250.05	0.05743	1.43E-03	1.46E-03	1.39E-03
526	489663.71, 3861250.05	0.05808	1.45E-03	1.48E-03	1.41E-03
527	489713.71, 3861250.05	0.05878	1.46E-03	1.50E-03	1.43E-03

528	489763.71, 3861250.05	0.05949	1.48E-03	1.52E-03	1.44E-03
529	489813.71, 3861250.05	0.06019	1.50E-03	1.53E-03	1.46E-03
530	489863.71, 3861250.05	0.06087	1.52E-03	1.55E-03	1.48E-03
531	489913.71, 3861250.05	0.0616	1.53E-03	1.57E-03	1.50E-03
532	489963.71, 3861250.05	0.06224	1.55E-03	1.59E-03	1.51E-03
533	490013.71, 3861250.05	0.06285	1.57E-03	1.60E-03	1.53E-03
534	490063.71, 3861250.05	0.06334	1.58E-03	1.61E-03	1.54E-03
535	489528.13, 3861308.47	0.05399	1.34E-03	1.38E-03	1.31E-03
536	489578.13, 3861308.47	0.05466	1.36E-03	1.39E-03	1.33E-03
537	489628.13, 3861308.47	0.05531	1.38E-03	1.41E-03	1.34E-03
538	489678.13, 3861308.47	0.05598	1.39E-03	1.43E-03	1.36E-03
539	489728.13, 3861308.47	0.05663	1.41E-03	1.44E-03	1.38E-03
540	489778.13, 3861308.47	0.05721	1.42E-03	1.46E-03	1.39E-03
541	489678.13, 3861358.47	0.05407	1.35E-03	1.38E-03	1.31E-03
542	489728.13, 3861358.47	0.05465	1.36E-03	1.39E-03	1.33E-03
543	489528.13, 3861408.47	0.05056	1.26E-03	1.29E-03	1.23E-03
544	489578.13, 3861408.47	0.05112	1.27E-03	1.30E-03	1.24E-03
545	489628.13, 3861408.47	0.05182	1.29E-03	1.32E-03	1.26E-03
546	489678.13, 3861408.47	0.0523	1.30E-03	1.33E-03	1.27E-03
547	489728.13, 3861408.47	0.05276	1.31E-03	1.34E-03	1.28E-03
548	489528.13, 3861458.47	0.04903	1.22E-03	1.25E-03	1.19E-03
549	489578.13, 3861458.47	0.04956	1.23E-03	1.26E-03	1.20E-03
550	489628.13, 3861458.47	0.05007	1.25E-03	1.28E-03	1.22E-03
551	489678.13, 3861458.47	0.05052	1.26E-03	1.29E-03	1.23E-03
552	489728.13, 3861458.47	0.05087	1.27E-03	1.30E-03	1.24E-03
553	489528.13, 3861508.47	0.04752	1.18E-03	1.21E-03	1.15E-03
554	489578.13, 3861508.47	0.04796	1.19E-03	1.22E-03	1.16E-03
555	489628.13, 3861508.47	0.04838	1.20E-03	1.23E-03	1.18E-03
556	489678.13, 3861508.47	0.04877	1.21E-03	1.24E-03	1.18E-03
557	489728.13, 3861508.47	0.04913	1.22E-03	1.25E-03	1.19E-03
558	489628.13, 3861558.47	0.0469	1.17E-03	1.20E-03	1.14E-03
559	489678.13, 3861558.47	0.04736	1.18E-03	1.21E-03	1.15E-03
560	489728.13, 3861558.47	0.0477	1.19E-03	1.22E-03	1.16E-03
561	489357.08, 3861015.81	0.06296	1.57E-03	1.61E-03	1.53E-03
562	489407.08, 3861015.81	0.06371	1.59E-03	1.62E-03	1.55E-03
563	489457.08, 3861015.81	0.0646	1.61E-03	1.65E-03	1.57E-03
564	489357.08, 3861065.81	0.06105	1.52E-03	1.56E-03	1.48E-03
565	489407.08, 3861065.81	0.06173	1.54E-03	1.57E-03	1.50E-03
566	489457.08, 3861065.81	0.06257	1.56E-03	1.60E-03	1.52E-03
567	489357.08, 3861115.81	0.05916	1.47E-03	1.51E-03	1.44E-03
568	489407.08, 3861115.81	0.05997	1.49E-03	1.53E-03	1.46E-03
569	489457.08, 3861115.81	0.06079	1.51E-03	1.55E-03	1.48E-03
570	489407.08, 3861165.81	0.05825	1.45E-03	1.48E-03	1.41E-03
571	489457.08, 3861165.81	0.05888	1.47E-03	1.50E-03	1.43E-03
572	489407.08, 3861215.81	0.05603	1.40E-03	1.43E-03	1.36E-03
573	489457.08, 3861215.81	0.05668	1.41E-03	1.44E-03	1.38E-03
574	489407.08, 3861265.81	0.05389	1.34E-03	1.37E-03	1.31E-03
575	489457.08, 3861265.81	0.0546	1.36E-03	1.39E-03	1.33E-03
576	489309.86, 3861110.14	0.05855	1.46E-03	1.49E-03	1.42E-03
577	489407.08, 3861315.81	0.05222	1.30E-03	1.33E-03	1.27E-03
578	489457.08, 3861315.81	0.05288	1.32E-03	1.35E-03	1.28E-03
579	488906.03, 3861006.75	0.05645	1.41E-03	1.44E-03	1.37E-03
580	488956.03, 3861006.75	0.0575	1.43E-03	1.47E-03	1.40E-03
581	488904.24, 3861051.87	0.05587	1.39E-03	1.42E-03	1.36E-03
582	488954.24, 3861051.87	0.05632	1.40E-03	1.44E-03	1.37E-03
583	489004.24, 3861051.87	0.05738	1.43E-03	1.46E-03	1.39E-03
584	488804.24, 3861101.87	0.05241	1.31E-03	1.34E-03	1.27E-03
585	488854.24, 3861101.87	0.05332	1.33E-03	1.36E-03	1.30E-03
586	488904.24, 3861101.87	0.05335	1.33E-03	1.36E-03	1.30E-03

587	488954.24, 3861101.87	0.05382	1.34E-03	1.37E-03	1.31E-03
588	489004.24, 3861101.87	0.05456	1.36E-03	1.39E-03	1.33E-03
589	488804.24, 3861151.87	0.05007	1.25E-03	1.28E-03	1.22E-03
590	488854.24, 3861151.87	0.05061	1.26E-03	1.29E-03	1.23E-03
591	489129.49, 3861187.55	0.05306	1.32E-03	1.35E-03	1.29E-03
592	489179.49, 3861187.55	0.05367	1.34E-03	1.37E-03	1.30E-03
593	488804.24, 3861201.87	0.0488	1.22E-03	1.24E-03	1.19E-03
594	488854.24, 3861201.87	0.04912	1.22E-03	1.25E-03	1.19E-03
595	489129.49, 3861237.55	0.05176	1.29E-03	1.32E-03	1.26E-03
596	489179.49, 3861237.55	0.05216	1.30E-03	1.33E-03	1.27E-03
597	488804.24, 3861251.87	0.04765	1.19E-03	1.21E-03	1.16E-03
598	488854.24, 3861251.87	0.0479	1.19E-03	1.22E-03	1.16E-03
599	488804.24, 3861301.87	0.04635	1.15E-03	1.18E-03	1.13E-03
600	488854.24, 3861301.87	0.04671	1.16E-03	1.19E-03	1.13E-03
601	490943.5, 3860181.97	0.48863	1.22E-02	1.25E-02	1.19E-02
602	490993.5, 3860181.97	0.53556	1.33E-02	1.37E-02	1.30E-02
603	491043.5, 3860181.97	0.59568	1.48E-02	1.52E-02	1.45E-02
604	491093.5, 3860181.97	0.66993	1.67E-02	1.71E-02	1.63E-02
605	490943.5, 3860231.97	0.42344	1.05E-02	1.08E-02	1.03E-02
606	490993.5, 3860231.97	0.46496	1.16E-02	1.19E-02	1.13E-02
607	491043.5, 3860231.97	0.5054	1.26E-02	1.29E-02	1.23E-02
608	491093.5, 3860231.97	0.55552	1.38E-02	1.42E-02	1.35E-02
609	490943.5, 3860281.97	0.3725	9.28E-03	9.50E-03	9.05E-03
610	490993.5, 3860281.97	0.40408	1.01E-02	1.03E-02	9.81E-03
611	491043.5, 3860281.97	0.43645	1.09E-02	1.11E-02	1.06E-02
612	491093.5, 3860281.97	0.47437	1.18E-02	1.21E-02	1.15E-02
613	490943.5, 3860331.97	0.33042	8.23E-03	8.42E-03	8.03E-03
614	490993.5, 3860331.97	0.35153	8.75E-03	8.96E-03	8.54E-03
615	491043.5, 3860331.97	0.3765	9.38E-03	9.60E-03	9.14E-03
616	491093.5, 3860331.97	0.40629	1.01E-02	1.04E-02	9.87E-03
617	490086.72, 3859935.12	0.35166	8.76E-03	8.96E-03	8.54E-03
618	490136.72, 3859935.12	0.37158	9.25E-03	9.47E-03	9.03E-03
619	490186.72, 3859935.12	0.39359	9.80E-03	1.00E-02	9.56E-03
620	490236.72, 3859935.12	0.41786	1.04E-02	1.07E-02	1.01E-02
621	490286.72, 3859935.12	0.4431	1.10E-02	1.13E-02	1.08E-02
622	490336.72, 3859935.12	0.47091	1.17E-02	1.20E-02	1.14E-02
623	490386.72, 3859935.12	0.50396	1.26E-02	1.28E-02	1.22E-02
624	490436.72, 3859935.12	0.54048	1.35E-02	1.38E-02	1.31E-02
625	490486.72, 3859935.12	0.58476	1.46E-02	1.49E-02	1.42E-02
626	490536.72, 3859935.12	0.64905	1.62E-02	1.65E-02	1.58E-02
627	490586.72, 3859935.12	0.73141	1.82E-02	1.86E-02	1.78E-02
628	490636.72, 3859935.12	0.82009	2.04E-02	2.09E-02	1.99E-02
629	490686.72, 3859935.12	0.9612	2.39E-02	2.45E-02	2.33E-02
630	490736.72, 3859935.12	1.12861	2.81E-02	2.88E-02	2.74E-02
631	490086.72, 3859985.12	0.31194	7.77E-03	7.95E-03	7.58E-03
632	490136.72, 3859985.12	0.32721	8.15E-03	8.34E-03	7.95E-03
633	490186.72, 3859985.12	0.34509	8.59E-03	8.80E-03	8.38E-03
634	490236.72, 3859985.12	0.3654	9.10E-03	9.31E-03	8.88E-03
635	490286.72, 3859985.12	0.38504	9.59E-03	9.82E-03	9.35E-03
636	490336.72, 3859985.12	0.40606	1.01E-02	1.04E-02	9.86E-03
637	490386.72, 3859985.12	0.42657	1.06E-02	1.09E-02	1.04E-02
638	490436.72, 3859985.12	0.45171	1.12E-02	1.15E-02	1.10E-02
639	490486.72, 3859985.12	0.48207	1.20E-02	1.23E-02	1.17E-02
640	490536.72, 3859985.12	0.52087	1.30E-02	1.33E-02	1.27E-02
641	490586.72, 3859985.12	0.56959	1.42E-02	1.45E-02	1.38E-02
642	490636.72, 3859985.12	0.63029	1.57E-02	1.61E-02	1.53E-02
643	490686.72, 3859985.12	0.71448	1.78E-02	1.82E-02	1.74E-02
644	490736.72, 3859985.12	0.79462	1.98E-02	2.03E-02	1.93E-02
645	490786.72, 3859985.12	0.89426	2.23E-02	2.28E-02	2.17E-02

646	490086.72, 3860035.12	0.27987	6.97E-03	7.13E-03	6.80E-03
647	490136.72, 3860035.12	0.29253	7.29E-03	7.46E-03	7.11E-03
648	490186.72, 3860035.12	0.30634	7.63E-03	7.81E-03	7.44E-03
649	490236.72, 3860035.12	0.32137	8.00E-03	8.19E-03	7.81E-03
650	490286.72, 3860035.12	0.33673	8.39E-03	8.58E-03	8.18E-03
651	490336.72, 3860035.12	0.35521	8.85E-03	9.06E-03	8.63E-03
652	490386.72, 3860035.12	0.3711	9.24E-03	9.46E-03	9.01E-03
653	490436.72, 3860035.12	0.38975	9.71E-03	9.94E-03	9.47E-03
654	490486.72, 3860035.12	0.41159	1.03E-02	1.05E-02	1.00E-02
655	490536.72, 3860035.12	0.43878	1.09E-02	1.12E-02	1.07E-02
656	490586.72, 3860035.12	0.46954	1.17E-02	1.20E-02	1.14E-02
657	490636.72, 3860035.12	0.50192	1.25E-02	1.28E-02	1.22E-02
658	490686.72, 3860035.12	0.54813	1.37E-02	1.40E-02	1.33E-02
659	490736.72, 3860035.12	0.61394	1.53E-02	1.57E-02	1.49E-02
660	490786.72, 3860035.12	0.67405	1.68E-02	1.72E-02	1.64E-02
661	490836.72, 3860035.12	0.74554	1.86E-02	1.90E-02	1.81E-02
662	490086.72, 3860085.12	0.2559	6.37E-03	6.52E-03	6.22E-03
663	490136.72, 3860085.12	0.26397	6.57E-03	6.73E-03	6.41E-03
664	490186.72, 3860085.12	0.27652	6.89E-03	7.05E-03	6.72E-03
665	490236.72, 3860085.12	0.28839	7.18E-03	7.35E-03	7.00E-03
666	490286.72, 3860085.12	0.30111	7.50E-03	7.68E-03	7.31E-03
667	490336.72, 3860085.12	0.31381	7.82E-03	8.00E-03	7.62E-03
668	490386.72, 3860085.12	0.3277	8.16E-03	8.35E-03	7.96E-03
669	490436.72, 3860085.12	0.34282	8.54E-03	8.74E-03	8.33E-03
670	490486.72, 3860085.12	0.35859	8.93E-03	9.14E-03	8.71E-03
671	490536.72, 3860085.12	0.37882	9.43E-03	9.66E-03	9.20E-03
672	490586.72, 3860085.12	0.40163	1.00E-02	1.02E-02	9.76E-03
673	490636.72, 3860085.12	0.42573	1.06E-02	1.09E-02	1.03E-02
674	490686.72, 3860085.12	0.45709	1.14E-02	1.17E-02	1.11E-02
675	490736.72, 3860085.12	0.49598	1.24E-02	1.26E-02	1.20E-02
676	490786.72, 3860085.12	0.54176	1.35E-02	1.38E-02	1.32E-02
677	490836.72, 3860085.12	0.5896	1.47E-02	1.50E-02	1.43E-02
678	490086.72, 3860135.12	0.22983	5.72E-03	5.86E-03	5.58E-03
679	490136.72, 3860135.12	0.23956	5.97E-03	6.11E-03	5.82E-03
680	490186.72, 3860135.12	0.24999	6.23E-03	6.37E-03	6.07E-03
681	490236.72, 3860135.12	0.25983	6.47E-03	6.62E-03	6.31E-03
682	490286.72, 3860135.12	0.27066	6.74E-03	6.90E-03	6.57E-03
683	490336.72, 3860135.12	0.28196	7.02E-03	7.19E-03	6.85E-03
684	490386.72, 3860135.12	0.29336	7.31E-03	7.48E-03	7.13E-03
685	490436.72, 3860135.12	0.30498	7.60E-03	7.77E-03	7.41E-03
686	490486.72, 3860135.12	0.31829	7.93E-03	8.11E-03	7.73E-03
687	490536.72, 3860135.12	0.33453	8.33E-03	8.53E-03	8.13E-03
688	490586.72, 3860135.12	0.35163	8.76E-03	8.96E-03	8.54E-03
689	490636.72, 3860135.12	0.37063	9.23E-03	9.45E-03	9.00E-03
690	490686.72, 3860135.12	0.39202	9.76E-03	9.99E-03	9.52E-03
691	490736.72, 3860135.12	0.41842	1.04E-02	1.07E-02	1.02E-02
692	490786.72, 3860135.12	0.45261	1.13E-02	1.15E-02	1.10E-02
693	490836.72, 3860135.12	0.48725	1.21E-02	1.24E-02	1.18E-02
694	490086.72, 3860185.12	0.21005	5.23E-03	5.35E-03	5.10E-03
695	490136.72, 3860185.12	0.21907	5.46E-03	5.58E-03	5.32E-03
696	490186.72, 3860185.12	0.22797	5.68E-03	5.81E-03	5.54E-03
697	490236.72, 3860185.12	0.23641	5.89E-03	6.03E-03	5.74E-03
698	490286.72, 3860185.12	0.24535	6.11E-03	6.25E-03	5.96E-03
699	490336.72, 3860185.12	0.25468	6.34E-03	6.49E-03	6.19E-03
700	490386.72, 3860185.12	0.26452	6.59E-03	6.74E-03	6.42E-03
701	490436.72, 3860185.12	0.27488	6.85E-03	7.01E-03	6.68E-03
702	490486.72, 3860185.12	0.28581	7.12E-03	7.29E-03	6.94E-03
703	490536.72, 3860185.12	0.2985	7.43E-03	7.61E-03	7.25E-03
704	490586.72, 3860185.12	0.31359	7.81E-03	7.99E-03	7.62E-03

705	490636.72, 3860185.12	0.32811	8.17E-03	8.36E-03	7.97E-03
706	490686.72, 3860185.12	0.3462	8.62E-03	8.83E-03	8.41E-03
707	490736.72, 3860185.12	0.36459	9.08E-03	9.29E-03	8.86E-03
708	490786.72, 3860185.12	0.38865	9.68E-03	9.91E-03	9.44E-03
709	490836.72, 3860185.12	0.41643	1.04E-02	1.06E-02	1.01E-02
710	490086.72, 3860235.12	0.19383	4.83E-03	4.94E-03	4.71E-03
711	490136.72, 3860235.12	0.20115	5.01E-03	5.13E-03	4.89E-03
712	490186.72, 3860235.12	0.20888	5.20E-03	5.32E-03	5.07E-03
713	490236.72, 3860235.12	0.21641	5.39E-03	5.52E-03	5.26E-03
714	490286.72, 3860235.12	0.22413	5.58E-03	5.71E-03	5.44E-03
715	490336.72, 3860235.12	0.2323	5.79E-03	5.92E-03	5.64E-03
716	490386.72, 3860235.12	0.24079	6.00E-03	6.14E-03	5.85E-03
717	490436.72, 3860235.12	0.24995	6.22E-03	6.37E-03	6.07E-03
718	490486.72, 3860235.12	0.25922	6.46E-03	6.61E-03	6.30E-03
719	490536.72, 3860235.12	0.26991	6.72E-03	6.88E-03	6.56E-03
720	490586.72, 3860235.12	0.28192	7.02E-03	7.19E-03	6.85E-03
721	490636.72, 3860235.12	0.29493	7.35E-03	7.52E-03	7.16E-03
722	490686.72, 3860235.12	0.30952	7.71E-03	7.89E-03	7.52E-03
723	490736.72, 3860235.12	0.32532	8.10E-03	8.29E-03	7.90E-03
724	490786.72, 3860235.12	0.34309	8.54E-03	8.75E-03	8.33E-03
725	490086.72, 3860285.12	0.17939	4.47E-03	4.57E-03	4.36E-03
726	490136.72, 3860285.12	0.18588	4.63E-03	4.74E-03	4.51E-03
727	490186.72, 3860285.12	0.19228	4.79E-03	4.90E-03	4.67E-03
728	490236.72, 3860285.12	0.19927	4.96E-03	5.08E-03	4.84E-03
729	490286.72, 3860285.12	0.20586	5.13E-03	5.25E-03	5.00E-03
730	490336.72, 3860285.12	0.21282	5.30E-03	5.43E-03	5.17E-03
731	490386.72, 3860285.12	0.22059	5.49E-03	5.62E-03	5.36E-03
732	490436.72, 3860285.12	0.22835	5.69E-03	5.82E-03	5.55E-03
733	490486.72, 3860285.12	0.23683	5.90E-03	6.04E-03	5.75E-03
734	490536.72, 3860285.12	0.24548	6.11E-03	6.26E-03	5.96E-03
735	490586.72, 3860285.12	0.25522	6.36E-03	6.51E-03	6.20E-03
736	490636.72, 3860285.12	0.26632	6.63E-03	6.79E-03	6.47E-03
737	490686.72, 3860285.12	0.27897	6.95E-03	7.11E-03	6.78E-03
738	490736.72, 3860285.12	0.29242	7.28E-03	7.45E-03	7.10E-03
739	490786.72, 3860285.12	0.30794	7.67E-03	7.85E-03	7.48E-03
740	490086.72, 3860335.12	0.16666	4.15E-03	4.25E-03	4.05E-03
741	490136.72, 3860335.12	0.17251	4.30E-03	4.40E-03	4.19E-03
742	490186.72, 3860335.12	0.17813	4.44E-03	4.54E-03	4.33E-03
743	490236.72, 3860335.12	0.18437	4.59E-03	4.70E-03	4.48E-03
744	490286.72, 3860335.12	0.1902	4.74E-03	4.85E-03	4.62E-03
745	490336.72, 3860335.12	0.19623	4.89E-03	5.00E-03	4.77E-03
746	490386.72, 3860335.12	0.20281	5.05E-03	5.17E-03	4.93E-03
747	490436.72, 3860335.12	0.20982	5.23E-03	5.35E-03	5.10E-03
748	490486.72, 3860335.12	0.21711	5.41E-03	5.53E-03	5.27E-03
749	490536.72, 3860335.12	0.22534	5.61E-03	5.74E-03	5.47E-03
750	490586.72, 3860335.12	0.23347	5.81E-03	5.95E-03	5.67E-03
751	490636.72, 3860335.12	0.24284	6.05E-03	6.19E-03	5.90E-03
752	490686.72, 3860335.12	0.25325	6.31E-03	6.46E-03	6.15E-03
753	490736.72, 3860335.12	0.26482	6.60E-03	6.75E-03	6.43E-03
754	490786.72, 3860335.12	0.27881	6.94E-03	7.11E-03	6.77E-03
755	490086.72, 3860385.12	0.15556	3.87E-03	3.97E-03	3.78E-03
756	490136.72, 3860385.12	0.16084	4.01E-03	4.10E-03	3.91E-03
757	490186.72, 3860385.12	0.16556	4.12E-03	4.22E-03	4.02E-03
758	490236.72, 3860385.12	0.17097	4.26E-03	4.36E-03	4.15E-03
759	490286.72, 3860385.12	0.17623	4.39E-03	4.49E-03	4.28E-03
760	490336.72, 3860385.12	0.18174	4.53E-03	4.63E-03	4.41E-03
761	490386.72, 3860385.12	0.18748	4.67E-03	4.78E-03	4.55E-03
762	490436.72, 3860385.12	0.19362	4.82E-03	4.94E-03	4.70E-03
763	490486.72, 3860385.12	0.20039	4.99E-03	5.11E-03	4.87E-03

764	490536.72, 3860385.12	0.20742	5.17E-03	5.29E-03	5.04E-03
765	490586.72, 3860385.12	0.21489	5.35E-03	5.48E-03	5.22E-03
766	490636.72, 3860385.12	0.22269	5.55E-03	5.68E-03	5.41E-03
767	490686.72, 3860385.12	0.23182	5.77E-03	5.91E-03	5.63E-03
768	490736.72, 3860385.12	0.24117	6.01E-03	6.15E-03	5.86E-03
769	490786.72, 3860385.12	0.25202	6.28E-03	6.42E-03	6.12E-03
770	490136.72, 3860435.12	0.15002	3.74E-03	3.82E-03	3.64E-03
771	490186.72, 3860435.12	0.15469	3.85E-03	3.94E-03	3.76E-03
772	490236.72, 3860435.12	0.15931	3.97E-03	4.06E-03	3.87E-03
773	490286.72, 3860435.12	0.16402	4.08E-03	4.18E-03	3.98E-03
774	490336.72, 3860435.12	0.16872	4.20E-03	4.30E-03	4.10E-03
775	490386.72, 3860435.12	0.17395	4.33E-03	4.43E-03	4.23E-03
776	490436.72, 3860435.12	0.17941	4.47E-03	4.57E-03	4.36E-03
777	490486.72, 3860435.12	0.1852	4.61E-03	4.72E-03	4.50E-03
778	490536.72, 3860435.12	0.19154	4.77E-03	4.88E-03	4.65E-03
779	490586.72, 3860435.12	0.19798	4.93E-03	5.05E-03	4.81E-03
780	490636.72, 3860435.12	0.20479	5.10E-03	5.22E-03	4.97E-03
781	490686.72, 3860435.12	0.21252	5.29E-03	5.42E-03	5.16E-03
782	490736.72, 3860435.12	0.22131	5.51E-03	5.64E-03	5.38E-03
783	490786.72, 3860435.12	0.23019	5.73E-03	5.87E-03	5.59E-03
784	490136.72, 3860485.12	0.14104	3.51E-03	3.60E-03	3.43E-03
785	490186.72, 3860485.12	0.145	3.61E-03	3.70E-03	3.52E-03
786	490236.72, 3860485.12	0.14889	3.71E-03	3.80E-03	3.62E-03
787	490286.72, 3860485.12	0.15327	3.82E-03	3.91E-03	3.72E-03
788	490336.72, 3860485.12	0.15746	3.92E-03	4.01E-03	3.82E-03
789	490386.72, 3860485.12	0.16217	4.04E-03	4.13E-03	3.94E-03
790	490436.72, 3860485.12	0.16744	4.17E-03	4.27E-03	4.07E-03
791	490486.72, 3860485.12	0.17232	4.29E-03	4.39E-03	4.19E-03
792	490536.72, 3860485.12	0.17743	4.42E-03	4.52E-03	4.31E-03
793	490586.72, 3860485.12	0.18296	4.56E-03	4.66E-03	4.44E-03
794	490636.72, 3860485.12	0.18931	4.71E-03	4.83E-03	4.60E-03
795	490686.72, 3860485.12	0.19557	4.87E-03	4.99E-03	4.75E-03
796	490736.72, 3860485.12	0.20295	5.05E-03	5.17E-03	4.93E-03
797	490786.72, 3860485.12	0.21086	5.25E-03	5.38E-03	5.12E-03
798	490136.72, 3860535.12	0.13278	3.31E-03	3.38E-03	3.23E-03
799	490186.72, 3860535.12	0.13694	3.41E-03	3.49E-03	3.33E-03
800	490236.72, 3860535.12	0.13986	3.48E-03	3.57E-03	3.40E-03
801	490286.72, 3860535.12	0.14341	3.57E-03	3.66E-03	3.48E-03
802	490336.72, 3860535.12	0.14742	3.67E-03	3.76E-03	3.58E-03
803	490386.72, 3860535.12	0.15187	3.78E-03	3.87E-03	3.69E-03
804	490436.72, 3860535.12	0.15645	3.90E-03	3.99E-03	3.80E-03
805	490486.72, 3860535.12	0.16109	4.01E-03	4.11E-03	3.91E-03
806	490536.72, 3860535.12	0.167	4.16E-03	4.26E-03	4.06E-03
807	490586.72, 3860535.12	0.17033	4.24E-03	4.34E-03	4.14E-03
808	490636.72, 3860535.12	0.17538	4.37E-03	4.47E-03	4.26E-03
809	490686.72, 3860535.12	0.18116	4.51E-03	4.62E-03	4.40E-03
810	490736.72, 3860535.12	0.18702	4.66E-03	4.77E-03	4.54E-03
811	490786.72, 3860535.12	0.19394	4.83E-03	4.94E-03	4.71E-03
812	490136.72, 3860585.12	0.12582	3.13E-03	3.21E-03	3.06E-03
813	490186.72, 3860585.12	0.1274	3.17E-03	3.25E-03	3.09E-03
814	490236.72, 3860585.12	0.13115	3.27E-03	3.34E-03	3.19E-03
815	490286.72, 3860585.12	0.13482	3.36E-03	3.44E-03	3.27E-03
816	490336.72, 3860585.12	0.13832	3.44E-03	3.53E-03	3.36E-03
817	490386.72, 3860585.12	0.14193	3.53E-03	3.62E-03	3.45E-03
818	490436.72, 3860585.12	0.14695	3.66E-03	3.75E-03	3.57E-03
819	490486.72, 3860585.12	0.15195	3.78E-03	3.87E-03	3.69E-03
820	490536.72, 3860585.12	0.15589	3.88E-03	3.97E-03	3.79E-03
821	490586.72, 3860585.12	0.15821	3.94E-03	4.03E-03	3.84E-03
822	490636.72, 3860585.12	0.16294	4.06E-03	4.15E-03	3.96E-03

823	490686.72, 3860585.12	0.16785	4.18E-03	4.28E-03	4.08E-03
824	490736.72, 3860585.12	0.17315	4.31E-03	4.41E-03	4.21E-03
825	490786.72, 3860585.12	0.17858	4.45E-03	4.55E-03	4.34E-03
826	490136.72, 3860635.12	0.11984	2.98E-03	3.06E-03	2.91E-03
827	490186.72, 3860635.12	0.12187	3.04E-03	3.11E-03	2.96E-03
828	490236.72, 3860635.12	0.1238	3.08E-03	3.16E-03	3.01E-03
829	490286.72, 3860635.12	0.12667	3.15E-03	3.23E-03	3.08E-03
830	490336.72, 3860635.12	0.12998	3.24E-03	3.31E-03	3.16E-03
831	490386.72, 3860635.12	0.13337	3.32E-03	3.40E-03	3.24E-03
832	490436.72, 3860635.12	0.1367	3.40E-03	3.48E-03	3.32E-03
833	490486.72, 3860635.12	0.14042	3.50E-03	3.58E-03	3.41E-03
834	490536.72, 3860635.12	0.14476	3.61E-03	3.69E-03	3.52E-03
835	490586.72, 3860635.12	0.14796	3.68E-03	3.77E-03	3.59E-03
836	490636.72, 3860635.12	0.15217	3.79E-03	3.88E-03	3.70E-03
837	490686.72, 3860635.12	0.15639	3.89E-03	3.99E-03	3.80E-03
838	490736.72, 3860635.12	0.16042	4.00E-03	4.09E-03	3.90E-03
839	490786.72, 3860635.12	0.16531	4.12E-03	4.21E-03	4.02E-03
840	490136.72, 3860685.12	0.11314	2.82E-03	2.88E-03	2.75E-03
841	490186.72, 3860685.12	0.11652	2.90E-03	2.97E-03	2.83E-03
842	490236.72, 3860685.12	0.11817	2.94E-03	3.01E-03	2.87E-03
843	490286.72, 3860685.12	0.11919	2.97E-03	3.04E-03	2.90E-03
844	490336.72, 3860685.12	0.12251	3.05E-03	3.12E-03	2.98E-03
845	490386.72, 3860685.12	0.12552	3.13E-03	3.20E-03	3.05E-03
846	490436.72, 3860685.12	0.12823	3.19E-03	3.27E-03	3.11E-03
847	490486.72, 3860685.12	0.13103	3.26E-03	3.34E-03	3.18E-03
848	490536.72, 3860685.12	0.13451	3.35E-03	3.43E-03	3.27E-03
849	490586.72, 3860685.12	0.13807	3.44E-03	3.52E-03	3.35E-03
850	490636.72, 3860685.12	0.14199	3.54E-03	3.62E-03	3.45E-03
851	490686.72, 3860685.12	0.14616	3.64E-03	3.73E-03	3.55E-03
852	490736.72, 3860685.12	0.14984	3.73E-03	3.82E-03	3.64E-03
853	490786.72, 3860685.12	0.15468	3.85E-03	3.94E-03	3.76E-03
854	490136.72, 3860735.12	0.10594	2.64E-03	2.70E-03	2.57E-03
855	490186.72, 3860735.12	0.10788	2.69E-03	2.75E-03	2.62E-03
856	490236.72, 3860735.12	0.11016	2.74E-03	2.81E-03	2.68E-03
857	490286.72, 3860735.12	0.11267	2.81E-03	2.87E-03	2.74E-03
858	490336.72, 3860735.12	0.11518	2.87E-03	2.94E-03	2.80E-03
859	490386.72, 3860735.12	0.1181	2.94E-03	3.01E-03	2.87E-03
860	490436.72, 3860735.12	0.12171	3.03E-03	3.10E-03	2.96E-03
861	490486.72, 3860735.12	0.12401	3.09E-03	3.16E-03	3.01E-03
862	490536.72, 3860735.12	0.12584	3.13E-03	3.21E-03	3.06E-03
863	490586.72, 3860735.12	0.12871	3.21E-03	3.28E-03	3.13E-03
864	490636.72, 3860735.12	0.13193	3.29E-03	3.36E-03	3.20E-03
865	490686.72, 3860735.12	0.13594	3.39E-03	3.47E-03	3.30E-03
866	490736.72, 3860735.12	0.14007	3.49E-03	3.57E-03	3.40E-03
867	490136.72, 3860785.12	0.09972	2.48E-03	2.54E-03	2.42E-03
868	490186.72, 3860785.12	0.10181	2.54E-03	2.60E-03	2.47E-03
869	490236.72, 3860785.12	0.10389	2.59E-03	2.65E-03	2.52E-03
870	490286.72, 3860785.12	0.1061	2.64E-03	2.70E-03	2.58E-03
871	490336.72, 3860785.12	0.10832	2.70E-03	2.76E-03	2.63E-03
872	490386.72, 3860785.12	0.11124	2.77E-03	2.84E-03	2.70E-03
873	490436.72, 3860785.12	0.11364	2.83E-03	2.90E-03	2.76E-03
874	490486.72, 3860785.12	0.11668	2.91E-03	2.97E-03	2.83E-03
875	490536.72, 3860785.12	0.11883	2.96E-03	3.03E-03	2.89E-03
876	490586.72, 3860785.12	0.12047	3.00E-03	3.07E-03	2.93E-03
877	490636.72, 3860785.12	0.12305	3.06E-03	3.14E-03	2.99E-03
878	490686.72, 3860785.12	0.12623	3.14E-03	3.22E-03	3.07E-03
879	490736.72, 3860785.12	0.12999	3.24E-03	3.31E-03	3.16E-03
880	490086.72, 3860835.12	0.09271	2.31E-03	2.36E-03	2.25E-03
881	490136.72, 3860835.12	0.09483	2.36E-03	2.42E-03	2.30E-03

882	490186.72, 3860835.12	0.09647	2.40E-03	2.46E-03	2.34E-03
883	490236.72, 3860835.12	0.09826	2.45E-03	2.50E-03	2.39E-03
884	490286.72, 3860835.12	0.10035	2.50E-03	2.56E-03	2.44E-03
885	490336.72, 3860835.12	0.10223	2.55E-03	2.61E-03	2.48E-03
886	490386.72, 3860835.12	0.1043	2.60E-03	2.66E-03	2.53E-03
887	490436.72, 3860835.12	0.10681	2.66E-03	2.72E-03	2.59E-03
888	490486.72, 3860835.12	0.10926	2.72E-03	2.79E-03	2.65E-03
889	490536.72, 3860835.12	0.1115	2.78E-03	2.84E-03	2.71E-03
890	490586.72, 3860835.12	0.11345	2.83E-03	2.89E-03	2.76E-03
891	490636.72, 3860835.12	0.11549	2.88E-03	2.94E-03	2.81E-03
892	490686.72, 3860835.12	0.11811	2.94E-03	3.01E-03	2.87E-03
893	490736.72, 3860835.12	0.1213	3.02E-03	3.09E-03	2.95E-03
894	490086.72, 3860885.12	0.08844	2.20E-03	2.25E-03	2.15E-03
895	490136.72, 3860885.12	0.09007	2.24E-03	2.30E-03	2.19E-03
896	490186.72, 3860885.12	0.09164	2.28E-03	2.34E-03	2.23E-03
897	490236.72, 3860885.12	0.09333	2.32E-03	2.38E-03	2.27E-03
898	490286.72, 3860885.12	0.09504	2.37E-03	2.42E-03	2.31E-03
899	490336.72, 3860885.12	0.09668	2.41E-03	2.46E-03	2.35E-03
900	490386.72, 3860885.12	0.09869	2.46E-03	2.52E-03	2.40E-03
901	490436.72, 3860885.12	0.10087	2.51E-03	2.57E-03	2.45E-03
902	490486.72, 3860885.12	0.10292	2.56E-03	2.62E-03	2.50E-03
903	490536.72, 3860885.12	0.10488	2.61E-03	2.67E-03	2.55E-03
904	490586.72, 3860885.12	0.10673	2.66E-03	2.72E-03	2.59E-03
905	490636.72, 3860885.12	0.10853	2.70E-03	2.77E-03	2.64E-03
906	490686.72, 3860885.12	0.11061	2.75E-03	2.82E-03	2.69E-03
907	490736.72, 3860885.12	0.1129	2.81E-03	2.88E-03	2.74E-03
908	490086.72, 3860935.12	0.08413	2.10E-03	2.14E-03	2.04E-03
909	490136.72, 3860935.12	0.08535	2.13E-03	2.18E-03	2.07E-03
910	490186.72, 3860935.12	0.08698	2.17E-03	2.22E-03	2.11E-03
911	490236.72, 3860935.12	0.08859	2.21E-03	2.26E-03	2.15E-03
912	490286.72, 3860935.12	0.09026	2.25E-03	2.30E-03	2.19E-03
913	490336.72, 3860935.12	0.09169	2.28E-03	2.34E-03	2.23E-03
914	490386.72, 3860935.12	0.09355	2.33E-03	2.38E-03	2.27E-03
915	490436.72, 3860935.12	0.09545	2.38E-03	2.43E-03	2.32E-03
916	490486.72, 3860935.12	0.09715	2.42E-03	2.48E-03	2.36E-03
917	490536.72, 3860935.12	0.09896	2.46E-03	2.52E-03	2.40E-03
918	490586.72, 3860935.12	0.10056	2.50E-03	2.56E-03	2.44E-03
919	490636.72, 3860935.12	0.10214	2.54E-03	2.60E-03	2.48E-03
920	490686.72, 3860935.12	0.10389	2.59E-03	2.65E-03	2.52E-03
921	490736.72, 3860935.12	0.10569	2.63E-03	2.69E-03	2.57E-03
922	490786.72, 3860935.12	0.10761	2.68E-03	2.74E-03	2.61E-03
923	490836.72, 3860935.12	0.11002	2.74E-03	2.80E-03	2.67E-03
924	490086.72, 3860985.12	0.08036	2.00E-03	2.05E-03	1.95E-03
925	490136.72, 3860985.12	0.08162	2.03E-03	2.08E-03	1.98E-03
926	490186.72, 3860985.12	0.08311	2.07E-03	2.12E-03	2.02E-03
927	490236.72, 3860985.12	0.08428	2.10E-03	2.15E-03	2.05E-03
928	490286.72, 3860985.12	0.08563	2.13E-03	2.18E-03	2.08E-03
929	490336.72, 3860985.12	0.08706	2.17E-03	2.22E-03	2.11E-03
930	490386.72, 3860985.12	0.08862	2.21E-03	2.26E-03	2.15E-03
931	490436.72, 3860985.12	0.09047	2.25E-03	2.31E-03	2.20E-03
932	490486.72, 3860985.12	0.09194	2.29E-03	2.34E-03	2.23E-03
933	490536.72, 3860985.12	0.09331	2.32E-03	2.38E-03	2.27E-03
934	490586.72, 3860985.12	0.09472	2.36E-03	2.41E-03	2.30E-03
935	490636.72, 3860985.12	0.09631	2.40E-03	2.46E-03	2.34E-03
936	490686.72, 3860985.12	0.09768	2.43E-03	2.49E-03	2.37E-03
937	490736.72, 3860985.12	0.09905	2.47E-03	2.53E-03	2.41E-03
938	490786.72, 3860985.12	0.10065	2.51E-03	2.57E-03	2.44E-03
939	490836.72, 3860985.12	0.10251	2.55E-03	2.61E-03	2.49E-03
940	490086.72, 3861035.12	0.07677	1.91E-03	1.96E-03	1.86E-03

941	490136.72, 3861035.12	0.07796	1.94E-03	1.99E-03	1.89E-03
942	490186.72, 3861035.12	0.07911	1.97E-03	2.02E-03	1.92E-03
943	490236.72, 3861035.12	0.0804	2.00E-03	2.05E-03	1.95E-03
944	490286.72, 3861035.12	0.08147	2.03E-03	2.08E-03	1.98E-03
945	490336.72, 3861035.12	0.08263	2.06E-03	2.11E-03	2.01E-03
946	490386.72, 3861035.12	0.0842	2.10E-03	2.15E-03	2.05E-03
947	490436.72, 3861035.12	0.0858	2.14E-03	2.19E-03	2.08E-03
948	490486.72, 3861035.12	0.08713	2.17E-03	2.22E-03	2.12E-03
949	490536.72, 3861035.12	0.08834	2.20E-03	2.25E-03	2.15E-03
950	490586.72, 3861035.12	0.08951	2.23E-03	2.28E-03	2.17E-03
951	490636.72, 3861035.12	0.09066	2.26E-03	2.31E-03	2.20E-03
952	490686.72, 3861035.12	0.09181	2.29E-03	2.34E-03	2.23E-03
953	490736.72, 3861035.12	0.09299	2.32E-03	2.37E-03	2.26E-03
954	490786.72, 3861035.12	0.09435	2.35E-03	2.41E-03	2.29E-03
955	490836.72, 3861035.12	0.09579	2.39E-03	2.44E-03	2.33E-03
956	490086.72, 3861085.12	0.07342	1.83E-03	1.87E-03	1.78E-03
957	490136.72, 3861085.12	0.07466	1.86E-03	1.90E-03	1.81E-03
958	490186.72, 3861085.12	0.07596	1.89E-03	1.94E-03	1.85E-03
959	490236.72, 3861085.12	0.07684	1.91E-03	1.96E-03	1.87E-03
960	490286.72, 3861085.12	0.07779	1.94E-03	1.98E-03	1.89E-03
961	490336.72, 3861085.12	0.07876	1.96E-03	2.01E-03	1.91E-03
962	490386.72, 3861085.12	0.08009	1.99E-03	2.04E-03	1.95E-03
963	490436.72, 3861085.12	0.08127	2.02E-03	2.07E-03	1.97E-03
964	490486.72, 3861085.12	0.08243	2.05E-03	2.10E-03	2.00E-03
965	490536.72, 3861085.12	0.08374	2.09E-03	2.13E-03	2.03E-03
966	490586.72, 3861085.12	0.08468	2.11E-03	2.16E-03	2.06E-03
967	490636.72, 3861085.12	0.08545	2.13E-03	2.18E-03	2.08E-03
968	490686.72, 3861085.12	0.08638	2.15E-03	2.20E-03	2.10E-03
969	490736.72, 3861085.12	0.08745	2.18E-03	2.23E-03	2.12E-03
970	490786.72, 3861085.12	0.08856	2.21E-03	2.26E-03	2.15E-03
971	490836.72, 3861085.12	0.08969	2.23E-03	2.29E-03	2.18E-03
972	490086.72, 3861135.12	0.07024	1.75E-03	1.79E-03	1.71E-03
973	490136.72, 3861135.12	0.07128	1.78E-03	1.82E-03	1.73E-03
974	490186.72, 3861135.12	0.07239	1.80E-03	1.85E-03	1.76E-03
975	490236.72, 3861135.12	0.07342	1.83E-03	1.87E-03	1.78E-03
976	490286.72, 3861135.12	0.07435	1.85E-03	1.90E-03	1.81E-03
977	490336.72, 3861135.12	0.0752	1.87E-03	1.92E-03	1.83E-03
978	490386.72, 3861135.12	0.07621	1.90E-03	1.94E-03	1.85E-03
979	490436.72, 3861135.12	0.07717	1.92E-03	1.97E-03	1.87E-03
980	490486.72, 3861135.12	0.07819	1.95E-03	1.99E-03	1.90E-03
981	490536.72, 3861135.12	0.07919	1.97E-03	2.02E-03	1.92E-03
982	490586.72, 3861135.12	0.08006	1.99E-03	2.04E-03	1.94E-03
983	490636.72, 3861135.12	0.08073	2.01E-03	2.06E-03	1.96E-03
984	490686.72, 3861135.12	0.0816	2.03E-03	2.08E-03	1.98E-03
985	490736.72, 3861135.12	0.08255	2.06E-03	2.10E-03	2.01E-03
986	490786.72, 3861135.12	0.08348	2.08E-03	2.13E-03	2.03E-03
987	490836.72, 3861135.12	0.08439	2.10E-03	2.15E-03	2.05E-03
988	490086.72, 3861185.12	0.06724	1.67E-03	1.71E-03	1.63E-03
989	490136.72, 3861185.12	0.06795	1.69E-03	1.73E-03	1.65E-03
990	490186.72, 3861185.12	0.06885	1.71E-03	1.76E-03	1.67E-03
991	490236.72, 3861185.12	0.0698	1.74E-03	1.78E-03	1.70E-03
992	490286.72, 3861185.12	0.07087	1.76E-03	1.81E-03	1.72E-03
993	490336.72, 3861185.12	0.07138	1.78E-03	1.82E-03	1.73E-03
994	490386.72, 3861185.12	0.07228	1.80E-03	1.84E-03	1.76E-03
995	490436.72, 3861185.12	0.07332	1.83E-03	1.87E-03	1.78E-03
996	490486.72, 3861185.12	0.07414	1.85E-03	1.89E-03	1.80E-03
997	490536.72, 3861185.12	0.07532	1.88E-03	1.92E-03	1.83E-03
998	490586.72, 3861185.12	0.07597	1.89E-03	1.94E-03	1.85E-03
999	490636.72, 3861185.12	0.07636	1.90E-03	1.95E-03	1.85E-03

1000	490686.72, 3861185.12	0.0771	1.92E-03	1.97E-03	1.87E-03
1001	490736.72, 3861185.12	0.0781	1.95E-03	1.99E-03	1.90E-03
1002	490786.72, 3861185.12	0.07901	1.97E-03	2.01E-03	1.92E-03
1003	490836.72, 3861185.12	0.07986	1.99E-03	2.04E-03	1.94E-03
1004	490086.72, 3861235.12	0.06436	1.60E-03	1.64E-03	1.56E-03
1005	490136.72, 3861235.12	0.06502	1.62E-03	1.66E-03	1.58E-03
1006	490186.72, 3861235.12	0.06583	1.64E-03	1.68E-03	1.60E-03
1007	490236.72, 3861235.12	0.06646	1.66E-03	1.69E-03	1.61E-03
1008	490386.72, 3861235.12	0.06862	1.71E-03	1.75E-03	1.67E-03
1009	490436.72, 3861235.12	0.0693	1.73E-03	1.77E-03	1.68E-03
1010	490486.72, 3861235.12	0.07004	1.74E-03	1.79E-03	1.70E-03
1011	490536.72, 3861235.12	0.07133	1.78E-03	1.82E-03	1.73E-03
1012	490586.72, 3861235.12	0.07235	1.80E-03	1.84E-03	1.76E-03
1013	490636.72, 3861235.12	0.07239	1.80E-03	1.85E-03	1.76E-03
1014	490686.72, 3861235.12	0.07311	1.82E-03	1.86E-03	1.78E-03
1015	490736.72, 3861235.12	0.07405	1.84E-03	1.89E-03	1.80E-03
1016	490786.72, 3861235.12	0.07501	1.87E-03	1.91E-03	1.82E-03
1017	490836.72, 3861235.12	0.07579	1.89E-03	1.93E-03	1.84E-03
1018	490086.72, 3861285.12	0.06185	1.54E-03	1.58E-03	1.50E-03
1019	490136.72, 3861285.12	0.06265	1.56E-03	1.60E-03	1.52E-03
1020	490186.72, 3861285.12	0.06307	1.57E-03	1.61E-03	1.53E-03
1021	490236.72, 3861285.12	0.06363	1.58E-03	1.62E-03	1.55E-03
1022	490386.72, 3861285.12	0.06544	1.63E-03	1.67E-03	1.59E-03
1023	490436.72, 3861285.12	0.06617	1.65E-03	1.69E-03	1.61E-03
1024	490486.72, 3861285.12	0.06673	1.66E-03	1.70E-03	1.62E-03
1025	490536.72, 3861285.12	0.06746	1.68E-03	1.72E-03	1.64E-03
1026	490586.72, 3861285.12	0.06829	1.70E-03	1.74E-03	1.66E-03
1027	490636.72, 3861285.12	0.06867	1.71E-03	1.75E-03	1.67E-03
1028	490686.72, 3861285.12	0.06939	1.73E-03	1.77E-03	1.69E-03
1029	490736.72, 3861285.12	0.0705	1.76E-03	1.80E-03	1.71E-03
1030	490786.72, 3861285.12	0.07121	1.77E-03	1.82E-03	1.73E-03
1031	490836.72, 3861285.12	0.07176	1.79E-03	1.83E-03	1.74E-03
1032	490061.24, 3859716.13	0.75092	1.87E-02	1.91E-02	1.82E-02
1033	490111.24, 3859716.13	0.85832	2.14E-02	2.19E-02	2.08E-02
1034	490161.24, 3859716.13	0.9939	2.48E-02	2.53E-02	2.41E-02
1035	490211.24, 3859716.13	1.16865	2.91E-02	2.98E-02	2.84E-02
1036	490061.24, 3859766.13	0.59192	1.47E-02	1.51E-02	1.44E-02
1037	490111.24, 3859766.13	0.65223	1.62E-02	1.66E-02	1.58E-02
1038	490161.24, 3859766.13	0.72223	1.80E-02	1.84E-02	1.75E-02
1039	490211.24, 3859766.13	0.80972	2.02E-02	2.06E-02	1.97E-02
1040	490061.24, 3859816.13	0.48756	1.21E-02	1.24E-02	1.18E-02
1041	490111.24, 3859816.13	0.52602	1.31E-02	1.34E-02	1.28E-02
1042	490161.24, 3859816.13	0.571	1.42E-02	1.46E-02	1.39E-02
1043	490211.24, 3859816.13	0.62222	1.55E-02	1.59E-02	1.51E-02
1044	490061.24, 3859866.13	0.4138	1.03E-02	1.05E-02	1.01E-02
1045	490111.24, 3859866.13	0.4419	1.10E-02	1.13E-02	1.07E-02
1046	490161.24, 3859866.13	0.47377	1.18E-02	1.21E-02	1.15E-02
1047	490211.24, 3859866.13	0.50933	1.27E-02	1.30E-02	1.24E-02
1048	490061.24, 3859916.13	0.35849	8.93E-03	9.14E-03	8.71E-03
1049	490111.24, 3859916.13	0.38053	9.48E-03	9.70E-03	9.24E-03
1050	490161.24, 3859916.13	0.40395	1.01E-02	1.03E-02	9.81E-03
1051	490211.24, 3859916.13	0.42904	1.07E-02	1.09E-02	1.04E-02
1052	490229.25, 3859815.26	0.64809	1.61E-02	1.65E-02	1.57E-02
1053	490279.25, 3859815.26	0.71118	1.77E-02	1.81E-02	1.73E-02
1054	490329.25, 3859815.26	0.78683	1.96E-02	2.01E-02	1.91E-02
1055	490379.25, 3859815.26	0.89497	2.23E-02	2.28E-02	2.17E-02
1056	490429.25, 3859815.26	1.0505	2.62E-02	2.68E-02	2.55E-02
1057	490229.25, 3859865.26	0.5249	1.31E-02	1.34E-02	1.27E-02
1058	490279.25, 3859865.26	0.56535	1.41E-02	1.44E-02	1.37E-02

1059	490329.25, 3859865.26	0.6113	1.52E-02	1.56E-02	1.48E-02
1060	490379.25, 3859865.26	0.66924	1.67E-02	1.71E-02	1.63E-02
1061	490429.25, 3859865.26	0.74263	1.85E-02	1.89E-02	1.80E-02
1062	490229.25, 3859915.26	0.44057	1.10E-02	1.12E-02	1.07E-02
1063	490279.25, 3859915.26	0.4678	1.17E-02	1.19E-02	1.14E-02
1064	490329.25, 3859915.26	0.49985	1.24E-02	1.27E-02	1.21E-02
1065	490379.25, 3859915.26	0.53726	1.34E-02	1.37E-02	1.30E-02
1066	490429.25, 3859915.26	0.57971	1.44E-02	1.48E-02	1.41E-02
1067	490451.43, 3859872.59	0.74608	1.86E-02	1.90E-02	1.81E-02
1068	490501.43, 3859872.59	0.8471	2.11E-02	2.16E-02	2.06E-02
1069	490551.43, 3859872.59	0.99533	2.48E-02	2.54E-02	2.42E-02
1070	490601.43, 3859872.59	1.19764	2.98E-02	3.05E-02	2.91E-02
1071	490451.43, 3859922.59	0.58246	1.45E-02	1.48E-02	1.41E-02
1072	490501.43, 3859922.59	0.63794	1.59E-02	1.63E-02	1.55E-02
1073	490551.43, 3859922.59	0.71485	1.78E-02	1.82E-02	1.74E-02
1074	490601.43, 3859922.59	0.81662	2.03E-02	2.08E-02	1.98E-02
1075	482129.67, 3852241.07	1.22792	3.06E-02	3.13E-02	2.98E-02
1076	482029.67, 3852291.07	1.99798	4.98E-02	5.09E-02	4.85E-02
1077	482079.67, 3852291.07	1.64267	4.09E-02	4.19E-02	3.99E-02
1078	482129.67, 3852291.07	1.39502	3.47E-02	3.56E-02	3.39E-02
1079	482179.67, 3852291.07	1.20207	2.99E-02	3.06E-02	2.92E-02
1080	482229.67, 3852291.07	1.03376	2.57E-02	2.64E-02	2.51E-02
1081	482029.67, 3852341.07	2.51262	6.26E-02	6.41E-02	6.10E-02
1082	482079.67, 3852341.07	1.97862	4.93E-02	5.04E-02	4.81E-02
1083	482129.67, 3852341.07	1.62802	4.05E-02	4.15E-02	3.95E-02
1084	482179.67, 3852341.07	1.37943	3.44E-02	3.52E-02	3.35E-02
1085	482259.06, 3852400.14	1.30562	3.25E-02	3.33E-02	3.17E-02
1086	482309.06, 3852400.14	1.11677	2.78E-02	2.85E-02	2.71E-02
1087	482209.06, 3852450.14	1.7653	4.40E-02	4.50E-02	4.29E-02
1088	482259.06, 3852450.14	1.49839	3.73E-02	3.82E-02	3.64E-02
1089	482309.06, 3852450.14	1.2849	3.20E-02	3.28E-02	3.12E-02
1090	482209.06, 3852500.14	2.13796	5.32E-02	5.45E-02	5.19E-02
1091	482259.06, 3852500.14	1.76898	4.41E-02	4.51E-02	4.30E-02
1092	482309.06, 3852500.14	1.48331	3.69E-02	3.78E-02	3.60E-02
1093	482283.91, 3852513.62	1.69486	4.22E-02	4.32E-02	4.12E-02
1094	482333.91, 3852513.62	1.42843	3.56E-02	3.64E-02	3.47E-02
1095	482283.91, 3852563.62	2.02866	5.05E-02	5.17E-02	4.93E-02
1096	482333.91, 3852563.62	1.67967	4.18E-02	4.28E-02	4.08E-02
1097	482383.91, 3852563.62	1.42243	3.54E-02	3.63E-02	3.45E-02
1098	482283.91, 3852613.62	2.61182	6.50E-02	6.66E-02	6.34E-02
1099	482333.91, 3852613.62	2.02518	5.04E-02	5.16E-02	4.92E-02
1100	482383.91, 3852613.62	1.66057	4.14E-02	4.23E-02	4.03E-02
1101	482602.38, 3852600.87	0.86366	2.15E-02	2.20E-02	2.10E-02
1102	482652.38, 3852600.87	0.78723	1.96E-02	2.01E-02	1.91E-02
1103	482702.38, 3852600.87	0.69346	1.73E-02	1.77E-02	1.68E-02
1104	482552.38, 3852650.87	1.11248	2.77E-02	2.84E-02	2.70E-02
1105	482602.38, 3852650.87	0.96383	2.40E-02	2.46E-02	2.34E-02
1106	482652.38, 3852650.87	0.87216	2.17E-02	2.22E-02	2.12E-02
1107	482702.38, 3852650.87	0.79686	1.98E-02	2.03E-02	1.94E-02
1108	482552.38, 3852700.87	1.25993	3.14E-02	3.21E-02	3.06E-02
1109	482602.38, 3852700.87	1.11121	2.77E-02	2.83E-02	2.70E-02
1110	482652.38, 3852700.87	1.00568	2.50E-02	2.56E-02	2.44E-02
1111	482702.38, 3852700.87	0.9043	2.25E-02	2.31E-02	2.20E-02
1112	482452.38, 3852750.87	2.17657	5.42E-02	5.55E-02	5.29E-02
1113	482521.29, 3852749.74	1.61769	4.03E-02	4.12E-02	3.93E-02
1114	482571.29, 3852749.74	1.37048	3.41E-02	3.49E-02	3.33E-02
1115	482521.29, 3852799.74	1.95774	4.88E-02	4.99E-02	4.76E-02
1116	482571.29, 3852799.74	1.60487	4.00E-02	4.09E-02	3.90E-02
1117	482621.29, 3852799.74	1.36167	3.39E-02	3.47E-02	3.31E-02

1118	482571.29, 3852849.74	1.93288	4.81E-02	4.93E-02	4.69E-02
1119	482621.29, 3852849.74	1.58529	3.95E-02	4.04E-02	3.85E-02
1120	482577.42, 3852901.55	2.37654	5.92E-02	6.06E-02	5.77E-02
1121	482627.42, 3852901.55	1.86858	4.65E-02	4.76E-02	4.54E-02
1122	482629.96, 3852955.85	2.31623	5.77E-02	5.90E-02	5.63E-02
1123	482679.96, 3852955.85	1.80714	4.50E-02	4.61E-02	4.39E-02
1124	482781.63, 3853034.48	1.46342	3.64E-02	3.73E-02	3.55E-02
1125	482831.63, 3853034.48	1.22221	3.04E-02	3.12E-02	2.97E-02
1126	482881.63, 3853034.48	1.0409	2.59E-02	2.65E-02	2.53E-02
1127	482781.63, 3853084.48	1.61187	4.01E-02	4.11E-02	3.92E-02
1128	482831.63, 3853084.48	1.32345	3.30E-02	3.37E-02	3.21E-02
1129	482881.63, 3853084.48	1.12351	2.80E-02	2.86E-02	2.73E-02
1130	482781.63, 3853134.48	1.80172	4.49E-02	4.59E-02	4.38E-02
1131	482831.63, 3853134.48	1.44487	3.60E-02	3.68E-02	3.51E-02
1132	482881.63, 3853134.48	1.21532	3.03E-02	3.10E-02	2.95E-02
1133	482831.63, 3853184.48	1.60159	3.99E-02	4.08E-02	3.89E-02
1134	482881.63, 3853184.48	1.31534	3.28E-02	3.35E-02	3.19E-02
1135	484154.84, 3854250.98	0.0647	1.61E-03	1.65E-03	1.57E-03
1136	484204.84, 3854250.98	0.06407	1.60E-03	1.63E-03	1.56E-03
1137	484154.84, 3854300.98	0.06113	1.52E-03	1.56E-03	1.48E-03
1138	484204.84, 3854300.98	0.06092	1.52E-03	1.55E-03	1.48E-03
1139	484074.19, 3854519.8	0.05117	1.27E-03	1.30E-03	1.24E-03
1140	484124.19, 3854519.8	0.05074	1.26E-03	1.29E-03	1.23E-03
1141	484074.19, 3854569.8	0.04926	1.23E-03	1.26E-03	1.20E-03
1142	484124.19, 3854569.8	0.04851	1.21E-03	1.24E-03	1.18E-03
1143	485205.11, 3855188.89	0.04099	1.02E-03	1.04E-03	9.96E-04
1144	485255.11, 3855188.89	0.04044	1.01E-03	1.03E-03	9.82E-04
1145	485205.11, 3855238.89	0.04031	1.00E-03	1.03E-03	9.79E-04
1146	485255.11, 3855238.89	0.04007	9.98E-04	1.02E-03	9.73E-04
1147	485205.11, 3855288.89	0.04043	1.01E-03	1.03E-03	9.82E-04
1148	485255.11, 3855288.89	0.04007	9.98E-04	1.02E-03	9.73E-04
1149	485255.11, 3855338.89	0.03998	9.96E-04	1.02E-03	9.71E-04
1150	485305.11, 3855338.89	0.03963	9.87E-04	1.01E-03	9.63E-04
1151	485852.5, 3855635.28	0.03576	8.91E-04	9.12E-04	8.69E-04
1152	485902.5, 3855635.28	0.03542	8.82E-04	9.03E-04	8.60E-04
1153	485852.5, 3855685.28	0.03551	8.84E-04	9.05E-04	8.63E-04
1154	485902.5, 3855685.28	0.03518	8.76E-04	8.97E-04	8.54E-04
1155	485852.5, 3855735.28	0.03526	8.78E-04	8.99E-04	8.56E-04
1156	485902.5, 3855735.28	0.03503	8.72E-04	8.93E-04	8.51E-04
1157	485852.5, 3855785.28	0.03507	8.73E-04	8.94E-04	8.52E-04
1158	485902.5, 3855785.28	0.03477	8.66E-04	8.86E-04	8.45E-04
1159	486809.46, 3856465.28	0.03033	7.55E-04	7.73E-04	7.37E-04
1160	486859.46, 3856465.28	0.03027	7.54E-04	7.72E-04	7.35E-04
1161	486909.46, 3856465.28	0.03017	7.51E-04	7.69E-04	7.33E-04
1162	486809.46, 3856515.28	0.03036	7.56E-04	7.74E-04	7.37E-04
1163	486859.46, 3856515.28	0.03035	7.56E-04	7.74E-04	7.37E-04
1164	486909.46, 3856515.28	0.03029	7.54E-04	7.72E-04	7.36E-04
1165	486980.94, 3856357.95	0.03004	7.48E-04	7.66E-04	7.30E-04
1166	487030.94, 3856357.95	0.03002	7.48E-04	7.65E-04	7.29E-04
1167	486980.94, 3856407.95	0.03006	7.49E-04	7.66E-04	7.30E-04
1168	487030.94, 3856407.95	0.03001	7.47E-04	7.65E-04	7.29E-04
1169	487447.18, 3856437.45	0.03014	7.51E-04	7.68E-04	7.32E-04
1170	487497.18, 3856437.45	0.03021	7.52E-04	7.70E-04	7.34E-04
1171	487547.18, 3856437.45	0.03028	7.54E-04	7.72E-04	7.35E-04
1172	487447.18, 3856487.45	0.0301	7.50E-04	7.67E-04	7.31E-04
1173	487497.18, 3856487.45	0.03015	7.51E-04	7.69E-04	7.32E-04
1174	487547.18, 3856487.45	0.03024	7.53E-04	7.71E-04	7.35E-04
1175	487447.18, 3856537.45	0.03008	7.49E-04	7.67E-04	7.31E-04
1176	487497.18, 3856537.45	0.03012	7.50E-04	7.68E-04	7.32E-04

1177	487547.18, 3856537.45	0.03022	7.53E-04	7.70E-04	7.34E-04
1178	489285.89, 3858826.54	0.39448	9.82E-03	1.01E-02	9.58E-03
1179	489335.89, 3858826.54	0.38296	9.54E-03	9.76E-03	9.30E-03
1180	489385.89, 3858826.54	0.37079	9.23E-03	9.45E-03	9.01E-03
1181	489435.89, 3858826.54	0.35918	8.95E-03	9.16E-03	8.72E-03
1182	489485.89, 3858826.54	0.34792	8.66E-03	8.87E-03	8.45E-03
1183	489535.89, 3858826.54	0.33708	8.39E-03	8.59E-03	8.19E-03
1184	489585.89, 3858826.54	0.32689	8.14E-03	8.33E-03	7.94E-03
1185	489635.89, 3858826.54	0.31694	7.89E-03	8.08E-03	7.70E-03
1186	489685.89, 3858826.54	0.30748	7.66E-03	7.84E-03	7.47E-03
1187	489735.89, 3858826.54	0.2987	7.44E-03	7.61E-03	7.26E-03
1188	489785.89, 3858826.54	0.29091	7.24E-03	7.42E-03	7.07E-03
1189	489835.89, 3858826.54	0.28286	7.04E-03	7.21E-03	6.87E-03
1190	489885.89, 3858826.54	0.27612	6.88E-03	7.04E-03	6.71E-03
1191	489935.89, 3858826.54	0.26918	6.70E-03	6.86E-03	6.54E-03
1192	489985.89, 3858826.54	0.262	6.52E-03	6.68E-03	6.36E-03
1193	490035.89, 3858826.54	0.2523	6.28E-03	6.43E-03	6.13E-03
1194	489285.89, 3858876.54	0.5619	1.40E-02	1.43E-02	1.36E-02
1195	489335.89, 3858876.54	0.52746	1.31E-02	1.34E-02	1.28E-02
1196	489385.89, 3858876.54	0.49752	1.24E-02	1.27E-02	1.21E-02
1197	489435.89, 3858876.54	0.47103	1.17E-02	1.20E-02	1.14E-02
1198	489485.89, 3858876.54	0.44755	1.11E-02	1.14E-02	1.09E-02
1199	489535.89, 3858876.54	0.42624	1.06E-02	1.09E-02	1.04E-02
1200	489585.89, 3858876.54	0.40664	1.01E-02	1.04E-02	9.88E-03
1201	489635.89, 3858876.54	0.38965	9.70E-03	9.93E-03	9.46E-03
1202	489685.89, 3858876.54	0.37396	9.31E-03	9.53E-03	9.08E-03
1203	489735.89, 3858876.54	0.35941	8.95E-03	9.16E-03	8.73E-03
1204	489785.89, 3858876.54	0.3469	8.64E-03	8.84E-03	8.43E-03
1205	489835.89, 3858876.54	0.33492	8.34E-03	8.54E-03	8.13E-03
1206	489885.89, 3858876.54	0.32488	8.09E-03	8.28E-03	7.89E-03
1207	489935.89, 3858876.54	0.31435	7.83E-03	8.01E-03	7.64E-03
1208	489985.89, 3858876.54	0.30353	7.56E-03	7.74E-03	7.37E-03
1209	490035.89, 3858876.54	0.29165	7.26E-03	7.43E-03	7.08E-03
1210	489285.89, 3858926.54	0.78811	1.96E-02	2.01E-02	1.91E-02
1211	489335.89, 3858926.54	0.71718	1.79E-02	1.83E-02	1.74E-02
1212	489385.89, 3858926.54	0.65859	1.64E-02	1.68E-02	1.60E-02
1213	489435.89, 3858926.54	0.61031	1.52E-02	1.56E-02	1.48E-02
1214	489485.89, 3858926.54	0.56925	1.42E-02	1.45E-02	1.38E-02
1215	489535.89, 3858926.54	0.53394	1.33E-02	1.36E-02	1.30E-02
1216	489585.89, 3858926.54	0.50292	1.25E-02	1.28E-02	1.22E-02
1217	489635.89, 3858926.54	0.47578	1.18E-02	1.21E-02	1.16E-02
1218	489685.89, 3858926.54	0.45147	1.12E-02	1.15E-02	1.10E-02
1219	489735.89, 3858926.54	0.43057	1.07E-02	1.10E-02	1.05E-02
1220	489785.89, 3858926.54	0.41176	1.03E-02	1.05E-02	1.00E-02
1221	489835.89, 3858926.54	0.39426	9.82E-03	1.01E-02	9.58E-03
1222	489885.89, 3858926.54	0.37936	9.45E-03	9.67E-03	9.21E-03
1223	489935.89, 3858926.54	0.36512	9.09E-03	9.31E-03	8.87E-03
1224	489985.89, 3858926.54	0.35121	8.75E-03	8.95E-03	8.53E-03
1225	490035.89, 3858926.54	0.33336	8.30E-03	8.50E-03	8.10E-03
1226	489335.89, 3858976.54	0.95987	2.39E-02	2.45E-02	2.33E-02
1227	489385.89, 3858976.54	0.86099	2.14E-02	2.19E-02	2.09E-02
1228	489435.89, 3858976.54	0.78283	1.95E-02	2.00E-02	1.90E-02
1229	489485.89, 3858976.54	0.71756	1.79E-02	1.83E-02	1.74E-02
1230	489535.89, 3858976.54	0.66276	1.65E-02	1.69E-02	1.61E-02
1231	489585.89, 3858976.54	0.61737	1.54E-02	1.57E-02	1.50E-02
1232	489635.89, 3858976.54	0.57777	1.44E-02	1.47E-02	1.40E-02
1233	489685.89, 3858976.54	0.54279	1.35E-02	1.38E-02	1.32E-02
1234	489735.89, 3858976.54	0.51288	1.28E-02	1.31E-02	1.25E-02
1235	489785.89, 3858976.54	0.48699	1.21E-02	1.24E-02	1.18E-02

1236	489835.89, 3858976.54	0.46363	1.15E-02	1.18E-02	1.13E-02
1237	489885.89, 3858976.54	0.44103	1.10E-02	1.12E-02	1.07E-02
1238	489935.89, 3858976.54	0.42165	1.05E-02	1.07E-02	1.02E-02
1239	489985.89, 3858976.54	0.40379	1.01E-02	1.03E-02	9.81E-03
1240	490035.89, 3858976.54	0.37611	9.37E-03	9.59E-03	9.14E-03
1241	489385.89, 3859026.54	1.12152	2.79E-02	2.86E-02	2.72E-02
1242	489435.89, 3859026.54	0.99846	2.49E-02	2.55E-02	2.43E-02
1243	489485.89, 3859026.54	0.90043	2.24E-02	2.30E-02	2.19E-02
1244	489535.89, 3859026.54	0.82095	2.04E-02	2.09E-02	1.99E-02
1245	489585.89, 3859026.54	0.75429	1.88E-02	1.92E-02	1.83E-02
1246	489635.89, 3859026.54	0.69903	1.74E-02	1.78E-02	1.70E-02
1247	489685.89, 3859026.54	0.65153	1.62E-02	1.66E-02	1.58E-02
1248	489735.89, 3859026.54	0.6109	1.52E-02	1.56E-02	1.48E-02
1249	489785.89, 3859026.54	0.57503	1.43E-02	1.47E-02	1.40E-02
1250	489835.89, 3859026.54	0.5421	1.35E-02	1.38E-02	1.32E-02
1251	489885.89, 3859026.54	0.51312	1.28E-02	1.31E-02	1.25E-02
1252	489935.89, 3859026.54	0.48672	1.21E-02	1.24E-02	1.18E-02
1253	489985.89, 3859026.54	0.46276	1.15E-02	1.18E-02	1.12E-02
1254	490035.89, 3859026.54	0.4264	1.06E-02	1.09E-02	1.04E-02
1255	489485.89, 3859076.54	1.13915	2.84E-02	2.90E-02	2.77E-02
1256	489535.89, 3859076.54	1.02176	2.54E-02	2.60E-02	2.48E-02
1257	489585.89, 3859076.54	0.92658	2.31E-02	2.36E-02	2.25E-02
1258	489635.89, 3859076.54	0.84936	2.12E-02	2.17E-02	2.06E-02
1259	489685.89, 3859076.54	0.78407	1.95E-02	2.00E-02	1.90E-02
1260	489735.89, 3859076.54	0.72822	1.81E-02	1.86E-02	1.77E-02
1261	489785.89, 3859076.54	0.67983	1.69E-02	1.73E-02	1.65E-02
1262	489835.89, 3859076.54	0.63651	1.59E-02	1.62E-02	1.55E-02
1263	489885.89, 3859076.54	0.59816	1.49E-02	1.52E-02	1.45E-02
1264	489935.89, 3859076.54	0.56461	1.41E-02	1.44E-02	1.37E-02
1265	489985.89, 3859076.54	0.53264	1.33E-02	1.36E-02	1.29E-02
1266	490035.89, 3859076.54	0.49014	1.22E-02	1.25E-02	1.19E-02
1267	489585.89, 3859126.54	1.15788	2.88E-02	2.95E-02	2.81E-02
1268	489635.89, 3859126.54	1.0447	2.60E-02	2.66E-02	2.54E-02
1269	489685.89, 3859126.54	0.95123	2.37E-02	2.42E-02	2.31E-02
1270	489735.89, 3859126.54	0.87335	2.18E-02	2.23E-02	2.12E-02
1271	489785.89, 3859126.54	0.80759	2.01E-02	2.06E-02	1.96E-02
1272	489835.89, 3859126.54	0.74985	1.87E-02	1.91E-02	1.82E-02
1273	489885.89, 3859126.54	0.69859	1.74E-02	1.78E-02	1.70E-02
1274	489935.89, 3859126.54	0.65496	1.63E-02	1.67E-02	1.59E-02
1275	489985.89, 3859126.54	0.61061	1.52E-02	1.56E-02	1.48E-02
1276	490035.89, 3859126.54	0.56525	1.41E-02	1.44E-02	1.37E-02
1277	489585.89, 3859176.54	1.4915	3.71E-02	3.80E-02	3.62E-02
1278	489635.89, 3859176.54	1.31369	3.27E-02	3.35E-02	3.19E-02
1279	489685.89, 3859176.54	1.17463	2.93E-02	2.99E-02	2.85E-02
1280	489735.89, 3859176.54	1.06249	2.65E-02	2.71E-02	2.58E-02
1281	489785.89, 3859176.54	0.96857	2.41E-02	2.47E-02	2.35E-02
1282	489835.89, 3859176.54	0.89026	2.22E-02	2.27E-02	2.16E-02
1283	489885.89, 3859176.54	0.82231	2.05E-02	2.10E-02	2.00E-02
1284	489935.89, 3859176.54	0.76411	1.90E-02	1.95E-02	1.86E-02
1285	489985.89, 3859176.54	0.7071	1.76E-02	1.80E-02	1.72E-02
1286	490035.89, 3859176.54	0.66317	1.65E-02	1.69E-02	1.61E-02
1287	489685.89, 3859226.54	1.49422	3.72E-02	3.81E-02	3.63E-02
1288	489735.89, 3859226.54	1.32133	3.29E-02	3.37E-02	3.21E-02
1289	489785.89, 3859226.54	1.18344	2.95E-02	3.02E-02	2.87E-02
1290	489835.89, 3859226.54	1.07015	2.67E-02	2.73E-02	2.60E-02
1291	489885.89, 3859226.54	0.97702	2.43E-02	2.49E-02	2.37E-02
1292	489935.89, 3859226.54	0.89818	2.24E-02	2.29E-02	2.18E-02
1293	489985.89, 3859226.54	0.81989	2.04E-02	2.09E-02	1.99E-02
1294	490035.89, 3859226.54	0.7648	1.90E-02	1.95E-02	1.86E-02

1295	489735.89, 3859276.54	1.71188	4.26E-02	4.36E-02	4.16E-02
1296	489785.89, 3859276.54	1.49067	3.71E-02	3.80E-02	3.62E-02
1297	489835.89, 3859276.54	1.31855	3.28E-02	3.36E-02	3.20E-02
1298	489885.89, 3859276.54	1.18368	2.95E-02	3.02E-02	2.88E-02
1299	489935.89, 3859276.54	1.07092	2.67E-02	2.73E-02	2.60E-02
1300	489985.89, 3859276.54	0.96166	2.39E-02	2.45E-02	2.34E-02
1301	490035.89, 3859276.54	0.89603	2.23E-02	2.28E-02	2.18E-02
1302	490458.06, 3859590.74	1.51467	3.77E-02	3.86E-02	3.68E-02
1303	490508.06, 3859590.74	1.35381	3.37E-02	3.45E-02	3.29E-02
1304	490558.06, 3859590.74	1.20145	2.99E-02	3.06E-02	2.92E-02
1305	490608.06, 3859590.74	1.08122	2.69E-02	2.76E-02	2.63E-02
1306	490658.06, 3859590.74	0.97838	2.44E-02	2.49E-02	2.38E-02
1307	490708.06, 3859590.74	0.88969	2.22E-02	2.27E-02	2.16E-02
1308	490758.06, 3859590.74	0.80736	2.01E-02	2.06E-02	1.96E-02
1309	490808.06, 3859590.74	0.74383	1.85E-02	1.90E-02	1.81E-02
1310	490858.06, 3859590.74	0.68458	1.70E-02	1.75E-02	1.66E-02
1311	490458.06, 3859640.74	2.11538	5.27E-02	5.39E-02	5.14E-02
1312	490508.06, 3859640.74	1.83492	4.57E-02	4.68E-02	4.46E-02
1313	490558.06, 3859640.74	1.60955	4.01E-02	4.10E-02	3.91E-02
1314	490608.06, 3859640.74	1.40595	3.50E-02	3.58E-02	3.41E-02
1315	490658.06, 3859640.74	1.22488	3.05E-02	3.12E-02	2.98E-02
1316	490708.06, 3859640.74	1.09482	2.73E-02	2.79E-02	2.66E-02
1317	490758.06, 3859640.74	0.98121	2.44E-02	2.50E-02	2.38E-02
1318	490808.06, 3859640.74	0.89955	2.24E-02	2.29E-02	2.18E-02
1319	490858.06, 3859640.74	0.82893	2.06E-02	2.11E-02	2.01E-02
1320	490608.06, 3859690.74	1.95475	4.87E-02	4.98E-02	4.75E-02
1321	490658.06, 3859690.74	1.64002	4.08E-02	4.18E-02	3.98E-02
1322	490708.06, 3859690.74	1.41539	3.52E-02	3.61E-02	3.44E-02
1323	490758.06, 3859690.74	1.23642	3.08E-02	3.15E-02	3.00E-02
1324	490808.06, 3859690.74	1.10753	2.76E-02	2.82E-02	2.69E-02
1325	490858.06, 3859690.74	1.02705	2.56E-02	2.62E-02	2.49E-02
1326	490708.06, 3859740.74	2.04934	5.10E-02	5.22E-02	4.98E-02
1327	490758.06, 3859740.74	1.74788	4.35E-02	4.46E-02	4.25E-02
1328	490808.06, 3859740.74	1.5102	3.76E-02	3.85E-02	3.67E-02
1329	490858.06, 3859740.74	1.34405	3.35E-02	3.43E-02	3.26E-02
1330	490786.56, 3859749.39	1.72202	4.29E-02	4.39E-02	4.18E-02
1331	490836.56, 3859749.39	1.48747	3.70E-02	3.79E-02	3.61E-02
1332	490786.56, 3859799.39	2.69929	6.72E-02	6.88E-02	6.56E-02
1333	490836.56, 3859799.39	2.21885	5.53E-02	5.66E-02	5.39E-02
1334	492307.84, 3854508.36	0.03334	8.30E-04	8.50E-04	8.10E-04
1335	486445.7, 3854753.6	0.04155	1.03E-03	1.06E-03	1.01E-03
1336	472599.75, 3877830.11	0.00267	6.65E-05	6.81E-05	6.49E-05
1337	493107.48, 3866840.19	0.00686	1.71E-04	1.75E-04	1.67E-04
1338	495815.8, 3861662.87	0.04225	1.05E-03	1.08E-03	1.03E-03
1339	480272.33, 3841389.2	0.00152	3.79E-05	3.87E-05	3.69E-05
1340	497005.18, 3862813.64	0.02362	5.88E-04	6.02E-04	5.74E-04
1341	493677.33, 3860302.55	0.1797	4.48E-03	4.58E-03	4.36E-03
1342	493727.33, 3860302.55	0.17505	4.36E-03	4.46E-03	4.25E-03
1343	493777.33, 3860302.55	0.17046	4.25E-03	4.35E-03	4.14E-03
1344	493827.33, 3860302.55	0.16612	4.14E-03	4.23E-03	4.03E-03
1345	493877.33, 3860302.55	0.16222	4.04E-03	4.14E-03	3.94E-03
1346	493927.33, 3860302.55	0.15854	3.95E-03	4.04E-03	3.85E-03
1347	493977.33, 3860302.55	0.15385	3.83E-03	3.92E-03	3.74E-03
1348	494027.33, 3860302.55	0.14983	3.73E-03	3.82E-03	3.64E-03
1349	493677.33, 3860352.55	0.17715	4.41E-03	4.52E-03	4.30E-03
1350	493727.33, 3860352.55	0.17272	4.30E-03	4.40E-03	4.20E-03
1351	493777.33, 3860352.55	0.16846	4.20E-03	4.29E-03	4.09E-03
1352	493827.33, 3860352.55	0.16436	4.09E-03	4.19E-03	3.99E-03
1353	493877.33, 3860352.55	0.16025	3.99E-03	4.09E-03	3.89E-03

1354	493927.33, 3860352.55	0.15619	3.89E-03	3.98E-03	3.79E-03
1355	493977.33, 3860352.55	0.15204	3.79E-03	3.88E-03	3.69E-03
1356	494027.33, 3860352.55	0.14859	3.70E-03	3.79E-03	3.61E-03
1357	493677.33, 3860402.55	0.17413	4.34E-03	4.44E-03	4.23E-03
1358	493727.33, 3860402.55	0.16976	4.23E-03	4.33E-03	4.12E-03
1359	493777.33, 3860402.55	0.16504	4.11E-03	4.21E-03	4.01E-03
1360	493827.33, 3860402.55	0.16127	4.02E-03	4.11E-03	3.92E-03
1361	493877.33, 3860402.55	0.15746	3.92E-03	4.01E-03	3.82E-03
1362	493927.33, 3860402.55	0.15341	3.82E-03	3.91E-03	3.73E-03
1363	493977.33, 3860402.55	0.14947	3.72E-03	3.81E-03	3.63E-03
1364	494027.33, 3860402.55	0.14625	3.64E-03	3.73E-03	3.55E-03
1365	493677.33, 3860452.55	0.16996	4.23E-03	4.33E-03	4.13E-03
1366	493727.33, 3860452.55	0.16605	4.14E-03	4.23E-03	4.03E-03
1367	493777.33, 3860452.55	0.16197	4.03E-03	4.13E-03	3.93E-03
1368	493827.33, 3860452.55	0.15786	3.93E-03	4.02E-03	3.83E-03
1369	493877.33, 3860452.55	0.15397	3.83E-03	3.93E-03	3.74E-03
1370	493927.33, 3860452.55	0.1499	3.73E-03	3.82E-03	3.64E-03
1371	493977.33, 3860452.55	0.14653	3.65E-03	3.74E-03	3.56E-03
1372	494027.33, 3860452.55	0.1433	3.57E-03	3.65E-03	3.48E-03
1373	493677.33, 3860502.55	0.16523	4.11E-03	4.21E-03	4.01E-03
1374	493727.33, 3860502.55	0.16131	4.02E-03	4.11E-03	3.92E-03
1375	493777.33, 3860502.55	0.15745	3.92E-03	4.01E-03	3.82E-03
1376	493827.33, 3860502.55	0.15376	3.83E-03	3.92E-03	3.73E-03
1377	493877.33, 3860502.55	0.15011	3.74E-03	3.83E-03	3.65E-03
1378	493927.33, 3860502.55	0.14644	3.65E-03	3.73E-03	3.56E-03
1379	493977.33, 3860502.55	0.14327	3.57E-03	3.65E-03	3.48E-03
1380	494027.33, 3860502.55	0.14013	3.49E-03	3.57E-03	3.40E-03
1381	493627.33, 3860552.55	0.16385	4.08E-03	4.18E-03	3.98E-03
1382	493677.33, 3860552.55	0.15985	3.98E-03	4.07E-03	3.88E-03
1383	493727.33, 3860552.55	0.15605	3.89E-03	3.98E-03	3.79E-03
1384	493777.33, 3860552.55	0.15245	3.80E-03	3.89E-03	3.70E-03
1385	493827.33, 3860552.55	0.14903	3.71E-03	3.80E-03	3.62E-03
1386	493877.33, 3860552.55	0.14573	3.63E-03	3.72E-03	3.54E-03
1387	493927.33, 3860552.55	0.14251	3.55E-03	3.63E-03	3.46E-03
1388	493977.33, 3860552.55	0.13937	3.47E-03	3.55E-03	3.39E-03
1389	494027.33, 3860552.55	0.13646	3.40E-03	3.48E-03	3.31E-03
1390	493627.33, 3860602.55	0.15762	3.93E-03	4.02E-03	3.83E-03
1391	493727.33, 3860602.55	0.14997	3.73E-03	3.82E-03	3.64E-03
1392	493777.33, 3860602.55	0.14689	3.66E-03	3.74E-03	3.57E-03
1393	493827.33, 3860602.55	0.14374	3.58E-03	3.66E-03	3.49E-03
1394	493877.33, 3860602.55	0.14087	3.51E-03	3.59E-03	3.42E-03
1395	493927.33, 3860602.55	0.13793	3.44E-03	3.52E-03	3.35E-03
1396	493977.33, 3860602.55	0.13511	3.36E-03	3.44E-03	3.28E-03
1397	494027.33, 3860602.55	0.13239	3.30E-03	3.37E-03	3.22E-03
1398	493627.33, 3860652.55	0.15092	3.76E-03	3.85E-03	3.67E-03
1399	493727.33, 3860652.55	0.14384	3.58E-03	3.67E-03	3.49E-03
1400	493777.33, 3860652.55	0.1409	3.51E-03	3.59E-03	3.42E-03
1401	493827.33, 3860652.55	0.13822	3.44E-03	3.52E-03	3.36E-03
1402	493877.33, 3860652.55	0.13557	3.38E-03	3.46E-03	3.29E-03
1403	493927.33, 3860652.55	0.13295	3.31E-03	3.39E-03	3.23E-03
1404	493977.33, 3860652.55	0.13035	3.25E-03	3.32E-03	3.17E-03
1405	494027.33, 3860652.55	0.12799	3.19E-03	3.26E-03	3.11E-03
1406	494311.06, 3858401.99	0.03305	8.23E-04	8.43E-04	8.03E-04
1407	494361.06, 3858401.99	0.03267	8.14E-04	8.33E-04	7.94E-04
1408	494411.06, 3858401.99	0.03243	8.08E-04	8.27E-04	7.88E-04
1409	494461.06, 3858401.99	0.03236	8.06E-04	8.25E-04	7.86E-04
1410	494511.06, 3858401.99	0.0321	7.99E-04	8.18E-04	7.80E-04
1411	494561.06, 3858401.99	0.03201	7.97E-04	8.16E-04	7.77E-04
1412	494611.06, 3858401.99	0.03172	7.90E-04	8.09E-04	7.70E-04

1413	494661.06, 3858401.99	0.03149	7.84E-04	8.03E-04	7.65E-04
1414	494711.06, 3858401.99	0.0311	7.75E-04	7.93E-04	7.55E-04
1415	494761.06, 3858401.99	0.03093	7.70E-04	7.88E-04	7.51E-04
1416	494811.06, 3858401.99	0.03063	7.63E-04	7.81E-04	7.44E-04
1417	494861.06, 3858401.99	0.03037	7.56E-04	7.74E-04	7.38E-04
1418	494911.06, 3858401.99	0.03011	7.50E-04	7.68E-04	7.31E-04
1419	494961.06, 3858401.99	0.02982	7.43E-04	7.60E-04	7.24E-04
1420	495011.06, 3858401.99	0.02944	7.33E-04	7.50E-04	7.15E-04
1421	495061.06, 3858401.99	0.02915	7.26E-04	7.43E-04	7.08E-04
1422	495111.06, 3858401.99	0.02857	7.12E-04	7.28E-04	6.94E-04
1423	495161.06, 3858401.99	0.02848	7.09E-04	7.26E-04	6.92E-04
1424	495211.06, 3858401.99	0.02796	6.96E-04	7.13E-04	6.79E-04
1425	495261.06, 3858401.99	0.02769	6.90E-04	7.06E-04	6.73E-04
1426	495311.06, 3858401.99	0.0274	6.82E-04	6.98E-04	6.66E-04
1427	495361.06, 3858401.99	0.0272	6.77E-04	6.93E-04	6.61E-04
1428	495411.06, 3858401.99	0.02709	6.75E-04	6.91E-04	6.58E-04
1429	495461.06, 3858401.99	0.02701	6.73E-04	6.89E-04	6.56E-04
1430	495511.06, 3858401.99	0.0269	6.70E-04	6.86E-04	6.53E-04
1431	495561.06, 3858401.99	0.02656	6.61E-04	6.77E-04	6.45E-04
1432	495611.06, 3858401.99	0.02645	6.59E-04	6.74E-04	6.42E-04
1433	495661.06, 3858401.99	0.02665	6.64E-04	6.79E-04	6.47E-04
1434	494311.06, 3858451.99	0.03486	8.68E-04	8.89E-04	8.47E-04
1435	494361.06, 3858451.99	0.03454	8.60E-04	8.81E-04	8.39E-04
1436	494411.06, 3858451.99	0.03429	8.54E-04	8.74E-04	8.33E-04
1437	494461.06, 3858451.99	0.03407	8.48E-04	8.69E-04	8.28E-04
1438	494511.06, 3858451.99	0.03396	8.46E-04	8.66E-04	8.25E-04
1439	494561.06, 3858451.99	0.03365	8.38E-04	8.58E-04	8.17E-04
1440	494611.06, 3858451.99	0.03342	8.32E-04	8.52E-04	8.12E-04
1441	494661.06, 3858451.99	0.03318	8.26E-04	8.46E-04	8.06E-04
1442	494711.06, 3858451.99	0.03283	8.18E-04	8.37E-04	7.97E-04
1443	494761.06, 3858451.99	0.03247	8.09E-04	8.28E-04	7.89E-04
1444	494811.06, 3858451.99	0.03219	8.02E-04	8.21E-04	7.82E-04
1445	494861.06, 3858451.99	0.03186	7.93E-04	8.12E-04	7.74E-04
1446	494911.06, 3858451.99	0.03139	7.82E-04	8.00E-04	7.62E-04
1447	494961.06, 3858451.99	0.03109	7.74E-04	7.93E-04	7.55E-04
1448	495011.06, 3858451.99	0.03066	7.64E-04	7.82E-04	7.45E-04
1449	495061.06, 3858451.99	0.03047	7.59E-04	7.77E-04	7.40E-04
1450	495111.06, 3858451.99	0.03005	7.48E-04	7.66E-04	7.30E-04
1451	495161.06, 3858451.99	0.02957	7.36E-04	7.54E-04	7.18E-04
1452	495211.06, 3858451.99	0.02914	7.26E-04	7.43E-04	7.08E-04
1453	495261.06, 3858451.99	0.02885	7.18E-04	7.35E-04	7.01E-04
1454	495311.06, 3858451.99	0.02862	7.13E-04	7.30E-04	6.95E-04
1455	495361.06, 3858451.99	0.02842	7.08E-04	7.24E-04	6.90E-04
1456	495411.06, 3858451.99	0.02832	7.05E-04	7.22E-04	6.88E-04
1457	495461.06, 3858451.99	0.02825	7.04E-04	7.20E-04	6.86E-04
1458	495511.06, 3858451.99	0.028	6.97E-04	7.14E-04	6.80E-04
1459	495561.06, 3858451.99	0.02802	6.98E-04	7.14E-04	6.81E-04
1460	495611.06, 3858451.99	0.02772	6.90E-04	7.07E-04	6.73E-04
1461	495661.06, 3858451.99	0.02767	6.89E-04	7.05E-04	6.72E-04
1462	494311.06, 3858501.99	0.03627	9.03E-04	9.25E-04	8.81E-04
1463	494361.06, 3858501.99	0.03607	8.98E-04	9.20E-04	8.76E-04
1464	494411.06, 3858501.99	0.03582	8.92E-04	9.13E-04	8.70E-04
1465	494461.06, 3858501.99	0.03569	8.89E-04	9.10E-04	8.67E-04
1466	494511.06, 3858501.99	0.03532	8.80E-04	9.00E-04	8.58E-04
1467	494561.06, 3858501.99	0.03541	8.82E-04	9.03E-04	8.60E-04
1468	494611.06, 3858501.99	0.0351	8.74E-04	8.95E-04	8.53E-04
1469	494661.06, 3858501.99	0.03491	8.69E-04	8.90E-04	8.48E-04
1470	494711.06, 3858501.99	0.03453	8.60E-04	8.80E-04	8.39E-04
1471	494761.06, 3858501.99	0.03409	8.49E-04	8.69E-04	8.28E-04

1472	494811.06, 3858501.99	0.03368	8.39E-04	8.59E-04	8.18E-04
1473	494861.06, 3858501.99	0.0334	8.32E-04	8.51E-04	8.11E-04
1474	494911.06, 3858501.99	0.03282	8.17E-04	8.37E-04	7.97E-04
1475	494961.06, 3858501.99	0.03253	8.10E-04	8.29E-04	7.90E-04
1476	495011.06, 3858501.99	0.03202	7.97E-04	8.16E-04	7.78E-04
1477	495061.06, 3858501.99	0.03182	7.92E-04	8.11E-04	7.73E-04
1478	495111.06, 3858501.99	0.03117	7.76E-04	7.95E-04	7.57E-04
1479	495161.06, 3858501.99	0.03076	7.66E-04	7.84E-04	7.47E-04
1480	495211.06, 3858501.99	0.03036	7.56E-04	7.74E-04	7.37E-04
1481	495261.06, 3858501.99	0.03007	7.49E-04	7.67E-04	7.30E-04
1482	495311.06, 3858501.99	0.02989	7.44E-04	7.62E-04	7.26E-04
1483	495361.06, 3858501.99	0.02973	7.40E-04	7.58E-04	7.22E-04
1484	495411.06, 3858501.99	0.02961	7.37E-04	7.55E-04	7.19E-04
1485	495461.06, 3858501.99	0.0295	7.35E-04	7.52E-04	7.17E-04
1486	495511.06, 3858501.99	0.02932	7.30E-04	7.47E-04	7.12E-04
1487	495561.06, 3858501.99	0.02932	7.30E-04	7.47E-04	7.12E-04
1488	495611.06, 3858501.99	0.02893	7.20E-04	7.37E-04	7.03E-04
1489	495661.06, 3858501.99	0.02899	7.22E-04	7.39E-04	7.04E-04
1490	494311.06, 3858551.99	0.03697	9.21E-04	9.42E-04	8.98E-04
1491	494361.06, 3858551.99	0.0372	9.26E-04	9.48E-04	9.04E-04
1492	494411.06, 3858551.99	0.03762	9.37E-04	9.59E-04	9.14E-04
1493	494461.06, 3858551.99	0.03758	9.36E-04	9.58E-04	9.13E-04
1494	494511.06, 3858551.99	0.03738	9.31E-04	9.53E-04	9.08E-04
1495	494561.06, 3858551.99	0.03723	9.27E-04	9.49E-04	9.04E-04
1496	494611.06, 3858551.99	0.03697	9.21E-04	9.42E-04	8.98E-04
1497	494661.06, 3858551.99	0.03674	9.15E-04	9.37E-04	8.92E-04
1498	494711.06, 3858551.99	0.03628	9.04E-04	9.25E-04	8.81E-04
1499	494761.06, 3858551.99	0.03582	8.92E-04	9.13E-04	8.70E-04
1500	494811.06, 3858551.99	0.03547	8.83E-04	9.04E-04	8.62E-04
1501	494861.06, 3858551.99	0.035	8.72E-04	8.92E-04	8.50E-04
1502	494911.06, 3858551.99	0.03446	8.58E-04	8.78E-04	8.37E-04
1503	494961.06, 3858551.99	0.03403	8.48E-04	8.68E-04	8.27E-04
1504	495011.06, 3858551.99	0.03348	8.34E-04	8.53E-04	8.13E-04
1505	495061.06, 3858551.99	0.03314	8.25E-04	8.45E-04	8.05E-04
1506	495111.06, 3858551.99	0.03247	8.09E-04	8.28E-04	7.89E-04
1507	495161.06, 3858551.99	0.03204	7.98E-04	8.17E-04	7.78E-04
1508	495211.06, 3858551.99	0.03165	7.88E-04	8.07E-04	7.69E-04
1509	495261.06, 3858551.99	0.03137	7.81E-04	8.00E-04	7.62E-04
1510	495311.06, 3858551.99	0.03123	7.78E-04	7.96E-04	7.59E-04
1511	495361.06, 3858551.99	0.03105	7.73E-04	7.92E-04	7.54E-04
1512	495411.06, 3858551.99	0.03096	7.71E-04	7.89E-04	7.52E-04
1513	495461.06, 3858551.99	0.03081	7.67E-04	7.85E-04	7.48E-04
1514	495511.06, 3858551.99	0.03072	7.65E-04	7.83E-04	7.46E-04
1515	495561.06, 3858551.99	0.03056	7.61E-04	7.79E-04	7.42E-04
1516	495611.06, 3858551.99	0.03037	7.56E-04	7.74E-04	7.38E-04
1517	495661.06, 3858551.99	0.03015	7.51E-04	7.69E-04	7.32E-04
1518	494311.06, 3858601.99	0.03707	9.23E-04	9.45E-04	9.00E-04
1519	494361.06, 3858601.99	0.03837	9.56E-04	9.78E-04	9.32E-04
1520	494411.06, 3858601.99	0.03968	9.88E-04	1.01E-03	9.64E-04
1521	494461.06, 3858601.99	0.03961	9.86E-04	1.01E-03	9.62E-04
1522	494511.06, 3858601.99	0.03913	9.75E-04	9.98E-04	9.50E-04
1523	494561.06, 3858601.99	0.03928	9.78E-04	1.00E-03	9.54E-04
1524	494611.06, 3858601.99	0.03889	9.69E-04	9.91E-04	9.45E-04
1525	494661.06, 3858601.99	0.0386	9.61E-04	9.84E-04	9.38E-04
1526	494711.06, 3858601.99	0.03814	9.50E-04	9.72E-04	9.26E-04
1527	494761.06, 3858601.99	0.03768	9.38E-04	9.61E-04	9.15E-04
1528	494811.06, 3858601.99	0.03698	9.21E-04	9.43E-04	8.98E-04
1529	494861.06, 3858601.99	0.03661	9.12E-04	9.33E-04	8.89E-04
1530	494911.06, 3858601.99	0.03596	8.96E-04	9.17E-04	8.73E-04

1531	494961.06, 3858601.99	0.03549	8.84E-04	9.05E-04	8.62E-04
1532	495011.06, 3858601.99	0.03501	8.72E-04	8.92E-04	8.50E-04
1533	495061.06, 3858601.99	0.0345	8.59E-04	8.79E-04	8.38E-04
1534	495111.06, 3858601.99	0.03376	8.41E-04	8.61E-04	8.20E-04
1535	495161.06, 3858601.99	0.03335	8.31E-04	8.50E-04	8.10E-04
1536	495211.06, 3858601.99	0.03308	8.24E-04	8.43E-04	8.03E-04
1537	495261.06, 3858601.99	0.03277	8.16E-04	8.35E-04	7.96E-04
1538	495311.06, 3858601.99	0.03254	8.10E-04	8.30E-04	7.90E-04
1539	495361.06, 3858601.99	0.03239	8.07E-04	8.26E-04	7.87E-04
1540	495411.06, 3858601.99	0.03225	8.03E-04	8.22E-04	7.83E-04
1541	495461.06, 3858601.99	0.03213	8.00E-04	8.19E-04	7.80E-04
1542	495511.06, 3858601.99	0.03187	7.94E-04	8.12E-04	7.74E-04
1543	495561.06, 3858601.99	0.0318	7.92E-04	8.11E-04	7.72E-04
1544	495611.06, 3858601.99	0.0315	7.84E-04	8.03E-04	7.65E-04
1545	495661.06, 3858601.99	0.03139	7.82E-04	8.00E-04	7.62E-04
1546	494311.06, 3858651.99	0.0382	9.51E-04	9.74E-04	9.28E-04
1547	494361.06, 3858651.99	0.03948	9.83E-04	1.01E-03	9.59E-04
1548	494411.06, 3858651.99	0.04121	1.03E-03	1.05E-03	1.00E-03
1549	494461.06, 3858651.99	0.04162	1.04E-03	1.06E-03	1.01E-03
1550	494511.06, 3858651.99	0.04137	1.03E-03	1.05E-03	1.00E-03
1551	494561.06, 3858651.99	0.04121	1.03E-03	1.05E-03	1.00E-03
1552	494611.06, 3858651.99	0.04096	1.02E-03	1.04E-03	9.95E-04
1553	494661.06, 3858651.99	0.04055	1.01E-03	1.03E-03	9.85E-04
1554	494711.06, 3858651.99	0.03999	9.96E-04	1.02E-03	9.71E-04
1555	494761.06, 3858651.99	0.03954	9.85E-04	1.01E-03	9.60E-04
1556	494811.06, 3858651.99	0.03888	9.68E-04	9.91E-04	9.44E-04
1557	494861.06, 3858651.99	0.03827	9.53E-04	9.76E-04	9.30E-04
1558	494911.06, 3858651.99	0.0376	9.36E-04	9.59E-04	9.13E-04
1559	494961.06, 3858651.99	0.03699	9.21E-04	9.43E-04	8.98E-04
1560	495011.06, 3858651.99	0.03651	9.09E-04	9.31E-04	8.87E-04
1561	495061.06, 3858651.99	0.03596	8.96E-04	9.17E-04	8.73E-04
1562	495111.06, 3858651.99	0.03533	8.80E-04	9.01E-04	8.58E-04
1563	495161.06, 3858651.99	0.03492	8.70E-04	8.90E-04	8.48E-04
1564	495211.06, 3858651.99	0.03443	8.57E-04	8.78E-04	8.36E-04
1565	495261.06, 3858651.99	0.03427	8.53E-04	8.74E-04	8.32E-04
1566	495311.06, 3858651.99	0.03401	8.47E-04	8.67E-04	8.26E-04
1567	495361.06, 3858651.99	0.03384	8.43E-04	8.63E-04	8.22E-04
1568	495411.06, 3858651.99	0.03371	8.40E-04	8.59E-04	8.19E-04
1569	495461.06, 3858651.99	0.03365	8.38E-04	8.58E-04	8.17E-04
1570	495511.06, 3858651.99	0.03334	8.30E-04	8.50E-04	8.10E-04
1571	495561.06, 3858651.99	0.0331	8.24E-04	8.44E-04	8.04E-04
1572	495611.06, 3858651.99	0.03274	8.15E-04	8.35E-04	7.95E-04
1573	495661.06, 3858651.99	0.03261	8.12E-04	8.31E-04	7.92E-04
1574	494311.06, 3858701.99	0.04009	9.98E-04	1.02E-03	9.74E-04
1575	494361.06, 3858701.99	0.042	1.05E-03	1.07E-03	1.02E-03
1576	494411.06, 3858701.99	0.04326	1.08E-03	1.10E-03	1.05E-03
1577	494461.06, 3858701.99	0.04325	1.08E-03	1.10E-03	1.05E-03
1578	494511.06, 3858701.99	0.04346	1.08E-03	1.11E-03	1.06E-03
1579	494561.06, 3858701.99	0.0432	1.08E-03	1.10E-03	1.05E-03
1580	494611.06, 3858701.99	0.04248	1.06E-03	1.08E-03	1.03E-03
1581	494661.06, 3858701.99	0.04241	1.06E-03	1.08E-03	1.03E-03
1582	494711.06, 3858701.99	0.04089	1.02E-03	1.04E-03	9.93E-04
1583	494761.06, 3858701.99	0.04116	1.03E-03	1.05E-03	1.00E-03
1584	494811.06, 3858701.99	0.04046	1.01E-03	1.03E-03	9.83E-04
1585	494861.06, 3858701.99	0.03989	9.93E-04	1.02E-03	9.69E-04
1586	494911.06, 3858701.99	0.03939	9.81E-04	1.00E-03	9.57E-04
1587	494961.06, 3858701.99	0.03842	9.57E-04	9.79E-04	9.33E-04
1588	495011.06, 3858701.99	0.03781	9.42E-04	9.64E-04	9.18E-04
1589	495061.06, 3858701.99	0.03751	9.34E-04	9.56E-04	9.11E-04

1590	495111.06, 3858701.99	0.0368	9.16E-04	9.38E-04	8.94E-04
1591	495161.06, 3858701.99	0.03642	9.07E-04	9.28E-04	8.85E-04
1592	495211.06, 3858701.99	0.03591	8.94E-04	9.15E-04	8.72E-04
1593	495261.06, 3858701.99	0.03576	8.91E-04	9.12E-04	8.69E-04
1594	495311.06, 3858701.99	0.0356	8.87E-04	9.08E-04	8.65E-04
1595	495361.06, 3858701.99	0.03537	8.81E-04	9.02E-04	8.59E-04
1596	495411.06, 3858701.99	0.03527	8.78E-04	8.99E-04	8.57E-04
1597	495461.06, 3858701.99	0.03508	8.74E-04	8.94E-04	8.52E-04
1598	495511.06, 3858701.99	0.03481	8.67E-04	8.87E-04	8.46E-04
1599	495561.06, 3858701.99	0.03449	8.59E-04	8.79E-04	8.38E-04
1600	495611.06, 3858701.99	0.03416	8.51E-04	8.71E-04	8.30E-04
1601	495661.06, 3858701.99	0.03393	8.45E-04	8.65E-04	8.24E-04
1602	494311.06, 3858751.99	0.04206	1.05E-03	1.07E-03	1.02E-03
1603	494361.06, 3858751.99	0.04452	1.11E-03	1.13E-03	1.08E-03
1604	494411.06, 3858751.99	0.04551	1.13E-03	1.16E-03	1.11E-03
1605	494461.06, 3858751.99	0.04547	1.13E-03	1.16E-03	1.10E-03
1606	494511.06, 3858751.99	0.0458	1.14E-03	1.17E-03	1.11E-03
1607	494561.06, 3858751.99	0.04511	1.12E-03	1.15E-03	1.10E-03
1608	494611.06, 3858751.99	0.04455	1.11E-03	1.14E-03	1.08E-03
1609	494661.06, 3858751.99	0.04402	1.10E-03	1.12E-03	1.07E-03
1610	494711.06, 3858751.99	0.0431	1.07E-03	1.10E-03	1.05E-03
1611	494761.06, 3858751.99	0.04304	1.07E-03	1.10E-03	1.05E-03
1612	494811.06, 3858751.99	0.04222	1.05E-03	1.08E-03	1.03E-03
1613	494861.06, 3858751.99	0.0415	1.03E-03	1.06E-03	1.01E-03
1614	494911.06, 3858751.99	0.04071	1.01E-03	1.04E-03	9.89E-04
1615	494961.06, 3858751.99	0.04013	9.99E-04	1.02E-03	9.75E-04
1616	495011.06, 3858751.99	0.03972	9.89E-04	1.01E-03	9.65E-04
1617	495061.06, 3858751.99	0.03912	9.74E-04	9.97E-04	9.50E-04
1618	495111.06, 3858751.99	0.03842	9.57E-04	9.79E-04	9.33E-04
1619	495161.06, 3858751.99	0.038	9.46E-04	9.69E-04	9.23E-04
1620	495211.06, 3858751.99	0.03747	9.33E-04	9.55E-04	9.10E-04
1621	495261.06, 3858751.99	0.03727	9.28E-04	9.50E-04	9.05E-04
1622	495311.06, 3858751.99	0.03711	9.24E-04	9.46E-04	9.01E-04
1623	495361.06, 3858751.99	0.03686	9.18E-04	9.40E-04	8.95E-04
1624	495411.06, 3858751.99	0.0368	9.16E-04	9.38E-04	8.94E-04
1625	495461.06, 3858751.99	0.03659	9.11E-04	9.33E-04	8.89E-04
1626	495511.06, 3858751.99	0.03629	9.04E-04	9.25E-04	8.81E-04
1627	495561.06, 3858751.99	0.03596	8.96E-04	9.17E-04	8.73E-04
1628	495611.06, 3858751.99	0.03562	8.87E-04	9.08E-04	8.65E-04
1629	495661.06, 3858751.99	0.03534	8.80E-04	9.01E-04	8.58E-04
1630	494311.06, 3858801.99	0.04465	1.11E-03	1.14E-03	1.08E-03
1631	494361.06, 3858801.99	0.04697	1.17E-03	1.20E-03	1.14E-03
1632	494411.06, 3858801.99	0.04749	1.18E-03	1.21E-03	1.15E-03
1633	494461.06, 3858801.99	0.04771	1.19E-03	1.22E-03	1.16E-03
1634	494511.06, 3858801.99	0.04811	1.20E-03	1.23E-03	1.17E-03
1635	494561.06, 3858801.99	0.04787	1.19E-03	1.22E-03	1.16E-03
1636	494611.06, 3858801.99	0.04742	1.18E-03	1.21E-03	1.15E-03
1637	494661.06, 3858801.99	0.04668	1.16E-03	1.19E-03	1.13E-03
1638	494711.06, 3858801.99	0.04582	1.14E-03	1.17E-03	1.11E-03
1639	494761.06, 3858801.99	0.04484	1.12E-03	1.14E-03	1.09E-03
1640	494811.06, 3858801.99	0.04384	1.09E-03	1.12E-03	1.06E-03
1641	494861.06, 3858801.99	0.04328	1.08E-03	1.10E-03	1.05E-03
1642	494911.06, 3858801.99	0.04247	1.06E-03	1.08E-03	1.03E-03
1643	494961.06, 3858801.99	0.04186	1.04E-03	1.07E-03	1.02E-03
1644	495011.06, 3858801.99	0.04122	1.03E-03	1.05E-03	1.00E-03
1645	495061.06, 3858801.99	0.04079	1.02E-03	1.04E-03	9.91E-04
1646	495111.06, 3858801.99	0.03998	9.96E-04	1.02E-03	9.71E-04
1647	495161.06, 3858801.99	0.03938	9.81E-04	1.00E-03	9.57E-04
1648	495211.06, 3858801.99	0.03902	9.72E-04	9.95E-04	9.48E-04

1649	495261.06, 3858801.99	0.03882	9.67E-04	9.90E-04	9.43E-04
1650	495311.06, 3858801.99	0.03867	9.63E-04	9.86E-04	9.39E-04
1651	495361.06, 3858801.99	0.03843	9.57E-04	9.80E-04	9.33E-04
1652	495411.06, 3858801.99	0.03843	9.57E-04	9.80E-04	9.33E-04
1653	495461.06, 3858801.99	0.03816	9.50E-04	9.73E-04	9.27E-04
1654	495511.06, 3858801.99	0.0378	9.41E-04	9.64E-04	9.18E-04
1655	495561.06, 3858801.99	0.03749	9.34E-04	9.56E-04	9.11E-04
1656	495611.06, 3858801.99	0.03707	9.23E-04	9.45E-04	9.00E-04
1657	495661.06, 3858801.99	0.03682	9.17E-04	9.39E-04	8.94E-04
1658	494311.06, 3858851.99	0.04899	1.22E-03	1.25E-03	1.19E-03
1659	494361.06, 3858851.99	0.05039	1.25E-03	1.28E-03	1.22E-03
1660	494411.06, 3858851.99	0.05019	1.25E-03	1.28E-03	1.22E-03
1661	494461.06, 3858851.99	0.05021	1.25E-03	1.28E-03	1.22E-03
1662	494511.06, 3858851.99	0.05042	1.26E-03	1.29E-03	1.22E-03
1663	494561.06, 3858851.99	0.05007	1.25E-03	1.28E-03	1.22E-03
1664	494611.06, 3858851.99	0.04946	1.23E-03	1.26E-03	1.20E-03
1665	494661.06, 3858851.99	0.0487	1.21E-03	1.24E-03	1.18E-03
1666	494711.06, 3858851.99	0.04763	1.19E-03	1.21E-03	1.16E-03
1667	494761.06, 3858851.99	0.04661	1.16E-03	1.19E-03	1.13E-03
1668	494811.06, 3858851.99	0.04577	1.14E-03	1.17E-03	1.11E-03
1669	494861.06, 3858851.99	0.04519	1.13E-03	1.15E-03	1.10E-03
1670	494911.06, 3858851.99	0.04441	1.11E-03	1.13E-03	1.08E-03
1671	494961.06, 3858851.99	0.04372	1.09E-03	1.11E-03	1.06E-03
1672	495011.06, 3858851.99	0.04315	1.07E-03	1.10E-03	1.05E-03
1673	495061.06, 3858851.99	0.04249	1.06E-03	1.08E-03	1.03E-03
1674	495111.06, 3858851.99	0.04138	1.03E-03	1.05E-03	1.01E-03
1675	495161.06, 3858851.99	0.04075	1.01E-03	1.04E-03	9.90E-04
1676	495211.06, 3858851.99	0.04069	1.01E-03	1.04E-03	9.88E-04
1677	495261.06, 3858851.99	0.04045	1.01E-03	1.03E-03	9.82E-04
1678	495311.06, 3858851.99	0.04033	1.00E-03	1.03E-03	9.80E-04
1679	495361.06, 3858851.99	0.04012	9.99E-04	1.02E-03	9.74E-04
1680	495411.06, 3858851.99	0.03992	9.94E-04	1.02E-03	9.70E-04
1681	495461.06, 3858851.99	0.03974	9.90E-04	1.01E-03	9.65E-04
1682	495511.06, 3858851.99	0.03935	9.80E-04	1.00E-03	9.56E-04
1683	495561.06, 3858851.99	0.03887	9.68E-04	9.91E-04	9.44E-04
1684	495611.06, 3858851.99	0.03839	9.56E-04	9.79E-04	9.32E-04
1685	495661.06, 3858851.99	0.03821	9.52E-04	9.74E-04	9.28E-04
1686	494311.06, 3858901.99	0.05197	1.29E-03	1.32E-03	1.26E-03
1687	494361.06, 3858901.99	0.05303	1.32E-03	1.35E-03	1.29E-03
1688	494411.06, 3858901.99	0.05302	1.32E-03	1.35E-03	1.29E-03
1689	494461.06, 3858901.99	0.05341	1.33E-03	1.36E-03	1.30E-03
1690	494511.06, 3858901.99	0.05324	1.33E-03	1.36E-03	1.29E-03
1691	494561.06, 3858901.99	0.05256	1.31E-03	1.34E-03	1.28E-03
1692	494611.06, 3858901.99	0.05142	1.28E-03	1.31E-03	1.25E-03
1693	494661.06, 3858901.99	0.05077	1.26E-03	1.29E-03	1.23E-03
1694	494711.06, 3858901.99	0.04972	1.24E-03	1.27E-03	1.21E-03
1695	494761.06, 3858901.99	0.04852	1.21E-03	1.24E-03	1.18E-03
1696	494811.06, 3858901.99	0.04778	1.19E-03	1.22E-03	1.16E-03
1697	494861.06, 3858901.99	0.04721	1.18E-03	1.20E-03	1.15E-03
1698	494911.06, 3858901.99	0.04607	1.15E-03	1.17E-03	1.12E-03
1699	494961.06, 3858901.99	0.04541	1.13E-03	1.16E-03	1.10E-03
1700	495011.06, 3858901.99	0.04478	1.12E-03	1.14E-03	1.09E-03
1701	495061.06, 3858901.99	0.0439	1.09E-03	1.12E-03	1.07E-03
1702	495111.06, 3858901.99	0.04271	1.06E-03	1.09E-03	1.04E-03
1703	495161.06, 3858901.99	0.04229	1.05E-03	1.08E-03	1.03E-03
1704	495211.06, 3858901.99	0.04238	1.06E-03	1.08E-03	1.03E-03
1705	495261.06, 3858901.99	0.0422	1.05E-03	1.08E-03	1.03E-03
1706	495311.06, 3858901.99	0.04193	1.04E-03	1.07E-03	1.02E-03
1707	495361.06, 3858901.99	0.04169	1.04E-03	1.06E-03	1.01E-03

1708	495411.06, 3858901.99	0.04159	1.04E-03	1.06E-03	1.01E-03
1709	495461.06, 3858901.99	0.04126	1.03E-03	1.05E-03	1.00E-03
1710	495511.06, 3858901.99	0.0408	1.02E-03	1.04E-03	9.91E-04
1711	495561.06, 3858901.99	0.0404	1.01E-03	1.03E-03	9.81E-04
1712	495611.06, 3858901.99	0.0399	9.94E-04	1.02E-03	9.69E-04
1713	495661.06, 3858901.99	0.03974	9.90E-04	1.01E-03	9.65E-04
1714	494311.06, 3858951.99	0.05583	1.39E-03	1.42E-03	1.36E-03
1715	494361.06, 3858951.99	0.05619	1.40E-03	1.43E-03	1.36E-03
1716	494411.06, 3858951.99	0.05565	1.39E-03	1.42E-03	1.35E-03
1717	494461.06, 3858951.99	0.05609	1.40E-03	1.43E-03	1.36E-03
1718	494511.06, 3858951.99	0.05566	1.39E-03	1.42E-03	1.35E-03
1719	494561.06, 3858951.99	0.05493	1.37E-03	1.40E-03	1.33E-03
1720	494611.06, 3858951.99	0.05389	1.34E-03	1.37E-03	1.31E-03
1721	494661.06, 3858951.99	0.05293	1.32E-03	1.35E-03	1.29E-03
1722	494711.06, 3858951.99	0.05163	1.29E-03	1.32E-03	1.25E-03
1723	494761.06, 3858951.99	0.05066	1.26E-03	1.29E-03	1.23E-03
1724	494811.06, 3858951.99	0.04996	1.24E-03	1.27E-03	1.21E-03
1725	494861.06, 3858951.99	0.04927	1.23E-03	1.26E-03	1.20E-03
1726	494911.06, 3858951.99	0.0483	1.20E-03	1.23E-03	1.17E-03
1727	494961.06, 3858951.99	0.04776	1.19E-03	1.22E-03	1.16E-03
1728	495011.06, 3858951.99	0.04637	1.15E-03	1.18E-03	1.13E-03
1729	495061.06, 3858951.99	0.04507	1.12E-03	1.15E-03	1.09E-03
1730	495111.06, 3858951.99	0.04407	1.10E-03	1.12E-03	1.07E-03
1731	495161.06, 3858951.99	0.04432	1.10E-03	1.13E-03	1.08E-03
1732	495211.06, 3858951.99	0.04414	1.10E-03	1.13E-03	1.07E-03
1733	495261.06, 3858951.99	0.04395	1.09E-03	1.12E-03	1.07E-03
1734	495311.06, 3858951.99	0.0434	1.08E-03	1.11E-03	1.05E-03
1735	495361.06, 3858951.99	0.04326	1.08E-03	1.10E-03	1.05E-03
1736	495411.06, 3858951.99	0.04319	1.08E-03	1.10E-03	1.05E-03
1737	495461.06, 3858951.99	0.04288	1.07E-03	1.09E-03	1.04E-03
1738	495511.06, 3858951.99	0.04271	1.06E-03	1.09E-03	1.04E-03
1739	495561.06, 3858951.99	0.04196	1.04E-03	1.07E-03	1.02E-03
1740	495611.06, 3858951.99	0.04148	1.03E-03	1.06E-03	1.01E-03
1741	495661.06, 3858951.99	0.04132	1.03E-03	1.05E-03	1.00E-03
1742	494311.06, 3859001.99	0.05935	1.48E-03	1.51E-03	1.44E-03
1743	494361.06, 3859001.99	0.05913	1.47E-03	1.51E-03	1.44E-03
1744	494411.06, 3859001.99	0.0593	1.48E-03	1.51E-03	1.44E-03
1745	494461.06, 3859001.99	0.05885	1.47E-03	1.50E-03	1.43E-03
1746	494511.06, 3859001.99	0.05839	1.45E-03	1.49E-03	1.42E-03
1747	494561.06, 3859001.99	0.05729	1.43E-03	1.46E-03	1.39E-03
1748	494611.06, 3859001.99	0.05628	1.40E-03	1.43E-03	1.37E-03
1749	494661.06, 3859001.99	0.05508	1.37E-03	1.40E-03	1.34E-03
1750	494711.06, 3859001.99	0.05371	1.34E-03	1.37E-03	1.30E-03
1751	494761.06, 3859001.99	0.05285	1.32E-03	1.35E-03	1.28E-03
1752	494811.06, 3859001.99	0.05229	1.30E-03	1.33E-03	1.27E-03
1753	494861.06, 3859001.99	0.05138	1.28E-03	1.31E-03	1.25E-03
1754	494911.06, 3859001.99	0.05042	1.26E-03	1.29E-03	1.22E-03
1755	494961.06, 3859001.99	0.04946	1.23E-03	1.26E-03	1.20E-03
1756	495011.06, 3859001.99	0.04719	1.18E-03	1.20E-03	1.15E-03
1757	495061.06, 3859001.99	0.04664	1.16E-03	1.19E-03	1.13E-03
1758	495111.06, 3859001.99	0.04564	1.14E-03	1.16E-03	1.11E-03
1759	495161.06, 3859001.99	0.04615	1.15E-03	1.18E-03	1.12E-03
1760	495211.06, 3859001.99	0.04582	1.14E-03	1.17E-03	1.11E-03
1761	495261.06, 3859001.99	0.04566	1.14E-03	1.16E-03	1.11E-03
1762	495311.06, 3859001.99	0.04529	1.13E-03	1.15E-03	1.10E-03
1763	495361.06, 3859001.99	0.04511	1.12E-03	1.15E-03	1.10E-03
1764	495411.06, 3859001.99	0.04483	1.12E-03	1.14E-03	1.09E-03
1765	495461.06, 3859001.99	0.0446	1.11E-03	1.14E-03	1.08E-03
1766	495511.06, 3859001.99	0.04396	1.09E-03	1.12E-03	1.07E-03

1767	495561.06, 3859001.99	0.04354	1.08E-03	1.11E-03	1.06E-03
1768	495611.06, 3859001.99	0.04308	1.07E-03	1.10E-03	1.05E-03
1769	495661.06, 3859001.99	0.04314	1.07E-03	1.10E-03	1.05E-03
1770	494311.06, 3859051.99	0.06272	1.56E-03	1.60E-03	1.52E-03
1771	494361.06, 3859051.99	0.06304	1.57E-03	1.61E-03	1.53E-03
1772	494411.06, 3859051.99	0.06236	1.55E-03	1.59E-03	1.51E-03
1773	494461.06, 3859051.99	0.06156	1.53E-03	1.57E-03	1.50E-03
1774	494511.06, 3859051.99	0.06055	1.51E-03	1.54E-03	1.47E-03
1775	494561.06, 3859051.99	0.0597	1.49E-03	1.52E-03	1.45E-03
1776	494611.06, 3859051.99	0.05858	1.46E-03	1.49E-03	1.42E-03
1777	494661.06, 3859051.99	0.0574	1.43E-03	1.46E-03	1.39E-03
1778	494711.06, 3859051.99	0.05631	1.40E-03	1.44E-03	1.37E-03
1779	494761.06, 3859051.99	0.05519	1.37E-03	1.41E-03	1.34E-03
1780	494811.06, 3859051.99	0.05438	1.35E-03	1.39E-03	1.32E-03
1781	494861.06, 3859051.99	0.05355	1.33E-03	1.37E-03	1.30E-03
1782	494911.06, 3859051.99	0.05235	1.30E-03	1.33E-03	1.27E-03
1783	494961.06, 3859051.99	0.05068	1.26E-03	1.29E-03	1.23E-03
1784	495011.06, 3859051.99	0.04942	1.23E-03	1.26E-03	1.20E-03
1785	495061.06, 3859051.99	0.04855	1.21E-03	1.24E-03	1.18E-03
1786	495111.06, 3859051.99	0.04801	1.20E-03	1.22E-03	1.17E-03
1787	495161.06, 3859051.99	0.04818	1.20E-03	1.23E-03	1.17E-03
1788	495211.06, 3859051.99	0.04756	1.18E-03	1.21E-03	1.16E-03
1789	495261.06, 3859051.99	0.04754	1.18E-03	1.21E-03	1.15E-03
1790	495311.06, 3859051.99	0.04708	1.17E-03	1.20E-03	1.14E-03
1791	495361.06, 3859051.99	0.0468	1.17E-03	1.19E-03	1.14E-03
1792	495411.06, 3859051.99	0.04664	1.16E-03	1.19E-03	1.13E-03
1793	495461.06, 3859051.99	0.04647	1.16E-03	1.18E-03	1.13E-03
1794	495511.06, 3859051.99	0.04576	1.14E-03	1.17E-03	1.11E-03
1795	495561.06, 3859051.99	0.0452	1.13E-03	1.15E-03	1.10E-03
1796	495611.06, 3859051.99	0.04469	1.11E-03	1.14E-03	1.09E-03
1797	495661.06, 3859051.99	0.0447	1.11E-03	1.14E-03	1.09E-03
1798	494311.06, 3859101.99	0.06684	1.66E-03	1.70E-03	1.62E-03
1799	494361.06, 3859101.99	0.06615	1.65E-03	1.69E-03	1.61E-03
1800	494411.06, 3859101.99	0.06559	1.63E-03	1.67E-03	1.59E-03
1801	494461.06, 3859101.99	0.06466	1.61E-03	1.65E-03	1.57E-03
1802	494511.06, 3859101.99	0.06337	1.58E-03	1.62E-03	1.54E-03
1803	494561.06, 3859101.99	0.06235	1.55E-03	1.59E-03	1.51E-03
1804	494611.06, 3859101.99	0.06086	1.52E-03	1.55E-03	1.48E-03
1805	494661.06, 3859101.99	0.0599	1.49E-03	1.53E-03	1.45E-03
1806	494711.06, 3859101.99	0.0583	1.45E-03	1.49E-03	1.42E-03
1807	494761.06, 3859101.99	0.05779	1.44E-03	1.47E-03	1.40E-03
1808	494811.06, 3859101.99	0.05672	1.41E-03	1.45E-03	1.38E-03
1809	494861.06, 3859101.99	0.05576	1.39E-03	1.42E-03	1.35E-03
1810	494911.06, 3859101.99	0.05445	1.36E-03	1.39E-03	1.32E-03
1811	494961.06, 3859101.99	0.05258	1.31E-03	1.34E-03	1.28E-03
1812	495011.06, 3859101.99	0.0507	1.26E-03	1.29E-03	1.23E-03
1813	495061.06, 3859101.99	0.05054	1.26E-03	1.29E-03	1.23E-03
1814	495111.06, 3859101.99	0.04991	1.24E-03	1.27E-03	1.21E-03
1815	495161.06, 3859101.99	0.05005	1.25E-03	1.28E-03	1.22E-03
1816	495211.06, 3859101.99	0.04946	1.23E-03	1.26E-03	1.20E-03
1817	495261.06, 3859101.99	0.0493	1.23E-03	1.26E-03	1.20E-03
1818	495311.06, 3859101.99	0.04882	1.22E-03	1.24E-03	1.19E-03
1819	495361.06, 3859101.99	0.04885	1.22E-03	1.25E-03	1.19E-03
1820	495411.06, 3859101.99	0.04857	1.21E-03	1.24E-03	1.18E-03
1821	495461.06, 3859101.99	0.0478	1.19E-03	1.22E-03	1.16E-03
1822	495511.06, 3859101.99	0.04742	1.18E-03	1.21E-03	1.15E-03
1823	495561.06, 3859101.99	0.04709	1.17E-03	1.20E-03	1.14E-03
1824	495611.06, 3859101.99	0.04647	1.16E-03	1.18E-03	1.13E-03
1825	495661.06, 3859101.99	0.04628	1.15E-03	1.18E-03	1.12E-03

1826	494311.06, 3859151.99	0.07033	1.75E-03	1.79E-03	1.71E-03
1827	494361.06, 3859151.99	0.0698	1.74E-03	1.78E-03	1.70E-03
1828	494411.06, 3859151.99	0.06862	1.71E-03	1.75E-03	1.67E-03
1829	494461.06, 3859151.99	0.06743	1.68E-03	1.72E-03	1.64E-03
1830	494511.06, 3859151.99	0.06594	1.64E-03	1.68E-03	1.60E-03
1831	494561.06, 3859151.99	0.06502	1.62E-03	1.66E-03	1.58E-03
1832	494611.06, 3859151.99	0.06358	1.58E-03	1.62E-03	1.54E-03
1833	494661.06, 3859151.99	0.06262	1.56E-03	1.60E-03	1.52E-03
1834	494711.06, 3859151.99	0.06179	1.54E-03	1.58E-03	1.50E-03
1835	494761.06, 3859151.99	0.06021	1.50E-03	1.53E-03	1.46E-03
1836	494811.06, 3859151.99	0.0589	1.47E-03	1.50E-03	1.43E-03
1837	494861.06, 3859151.99	0.05801	1.44E-03	1.48E-03	1.41E-03
1838	494911.06, 3859151.99	0.05648	1.41E-03	1.44E-03	1.37E-03
1839	494961.06, 3859151.99	0.05433	1.35E-03	1.39E-03	1.32E-03
1840	495011.06, 3859151.99	0.05274	1.31E-03	1.34E-03	1.28E-03
1841	495061.06, 3859151.99	0.05241	1.31E-03	1.34E-03	1.27E-03
1842	495111.06, 3859151.99	0.05193	1.29E-03	1.32E-03	1.26E-03
1843	495161.06, 3859151.99	0.05206	1.30E-03	1.33E-03	1.26E-03
1844	495211.06, 3859151.99	0.05164	1.29E-03	1.32E-03	1.25E-03
1845	495261.06, 3859151.99	0.05123	1.28E-03	1.31E-03	1.24E-03
1846	495311.06, 3859151.99	0.0509	1.27E-03	1.30E-03	1.24E-03
1847	495361.06, 3859151.99	0.05052	1.26E-03	1.29E-03	1.23E-03
1848	495411.06, 3859151.99	0.05059	1.26E-03	1.29E-03	1.23E-03
1849	495461.06, 3859151.99	0.05025	1.25E-03	1.28E-03	1.22E-03
1850	495511.06, 3859151.99	0.04951	1.23E-03	1.26E-03	1.20E-03
1851	495561.06, 3859151.99	0.04894	1.22E-03	1.25E-03	1.19E-03
1852	495611.06, 3859151.99	0.04844	1.21E-03	1.23E-03	1.18E-03
1853	495661.06, 3859151.99	0.04799	1.20E-03	1.22E-03	1.17E-03
1854	494311.06, 3859201.99	0.07392	1.84E-03	1.88E-03	1.80E-03
1855	494361.06, 3859201.99	0.07305	1.82E-03	1.86E-03	1.77E-03
1856	494411.06, 3859201.99	0.07192	1.79E-03	1.83E-03	1.75E-03
1857	494461.06, 3859201.99	0.07036	1.75E-03	1.79E-03	1.71E-03
1858	494511.06, 3859201.99	0.06929	1.73E-03	1.77E-03	1.68E-03
1859	494561.06, 3859201.99	0.06763	1.68E-03	1.72E-03	1.64E-03
1860	494611.06, 3859201.99	0.06633	1.65E-03	1.69E-03	1.61E-03
1861	494661.06, 3859201.99	0.06528	1.63E-03	1.66E-03	1.59E-03
1862	494711.06, 3859201.99	0.06424	1.60E-03	1.64E-03	1.56E-03
1863	494761.06, 3859201.99	0.06265	1.56E-03	1.60E-03	1.52E-03
1864	494811.06, 3859201.99	0.06134	1.53E-03	1.56E-03	1.49E-03
1865	494861.06, 3859201.99	0.05968	1.49E-03	1.52E-03	1.45E-03
1866	494911.06, 3859201.99	0.05811	1.45E-03	1.48E-03	1.41E-03
1867	494961.06, 3859201.99	0.05632	1.40E-03	1.44E-03	1.37E-03
1868	495011.06, 3859201.99	0.05407	1.35E-03	1.38E-03	1.31E-03
1869	495061.06, 3859201.99	0.05461	1.36E-03	1.39E-03	1.33E-03
1870	495111.06, 3859201.99	0.05436	1.35E-03	1.39E-03	1.32E-03
1871	495161.06, 3859201.99	0.05402	1.35E-03	1.38E-03	1.31E-03
1872	495211.06, 3859201.99	0.05339	1.33E-03	1.36E-03	1.30E-03
1873	495261.06, 3859201.99	0.05318	1.32E-03	1.36E-03	1.29E-03
1874	495311.06, 3859201.99	0.05283	1.32E-03	1.35E-03	1.28E-03
1875	495361.06, 3859201.99	0.05254	1.31E-03	1.34E-03	1.28E-03
1876	495411.06, 3859201.99	0.05252	1.31E-03	1.34E-03	1.28E-03
1877	495461.06, 3859201.99	0.05204	1.30E-03	1.33E-03	1.26E-03
1878	495511.06, 3859201.99	0.05158	1.28E-03	1.31E-03	1.25E-03
1879	495561.06, 3859201.99	0.05075	1.26E-03	1.29E-03	1.23E-03
1880	495611.06, 3859201.99	0.05012	1.25E-03	1.28E-03	1.22E-03
1881	495661.06, 3859201.99	0.04966	1.24E-03	1.27E-03	1.21E-03
1882	494311.06, 3859251.99	0.07771	1.94E-03	1.98E-03	1.89E-03
1883	494361.06, 3859251.99	0.07636	1.90E-03	1.95E-03	1.85E-03
1884	494411.06, 3859251.99	0.0746	1.86E-03	1.90E-03	1.81E-03

1885	494461.06, 3859251.99	0.07342	1.83E-03	1.87E-03	1.78E-03
1886	494511.06, 3859251.99	0.0716	1.78E-03	1.83E-03	1.74E-03
1887	494561.06, 3859251.99	0.07038	1.75E-03	1.79E-03	1.71E-03
1888	494611.06, 3859251.99	0.06887	1.72E-03	1.76E-03	1.67E-03
1889	494661.06, 3859251.99	0.06798	1.69E-03	1.73E-03	1.65E-03
1890	494711.06, 3859251.99	0.06684	1.66E-03	1.70E-03	1.62E-03
1891	494761.06, 3859251.99	0.06412	1.60E-03	1.63E-03	1.56E-03
1892	494811.06, 3859251.99	0.06378	1.59E-03	1.63E-03	1.55E-03
1893	494861.06, 3859251.99	0.06131	1.53E-03	1.56E-03	1.49E-03
1894	494911.06, 3859251.99	0.05974	1.49E-03	1.52E-03	1.45E-03
1895	494961.06, 3859251.99	0.05869	1.46E-03	1.50E-03	1.43E-03
1896	495011.06, 3859251.99	0.05748	1.43E-03	1.47E-03	1.40E-03
1897	495061.06, 3859251.99	0.0573	1.43E-03	1.46E-03	1.39E-03
1898	495111.06, 3859251.99	0.05669	1.41E-03	1.45E-03	1.38E-03
1899	495161.06, 3859251.99	0.05629	1.40E-03	1.43E-03	1.37E-03
1900	495211.06, 3859251.99	0.05565	1.39E-03	1.42E-03	1.35E-03
1901	495261.06, 3859251.99	0.05507	1.37E-03	1.40E-03	1.34E-03
1902	495311.06, 3859251.99	0.05507	1.37E-03	1.40E-03	1.34E-03
1903	495361.06, 3859251.99	0.05462	1.36E-03	1.39E-03	1.33E-03
1904	495411.06, 3859251.99	0.05451	1.36E-03	1.39E-03	1.32E-03
1905	495461.06, 3859251.99	0.05403	1.35E-03	1.38E-03	1.31E-03
1906	495511.06, 3859251.99	0.05314	1.32E-03	1.35E-03	1.29E-03
1907	495561.06, 3859251.99	0.05257	1.31E-03	1.34E-03	1.28E-03
1908	495611.06, 3859251.99	0.05179	1.29E-03	1.32E-03	1.26E-03
1909	495661.06, 3859251.99	0.05122	1.28E-03	1.31E-03	1.24E-03
1910	494311.06, 3859301.99	0.0815	2.03E-03	2.08E-03	1.98E-03
1911	494361.06, 3859301.99	0.07995	1.99E-03	2.04E-03	1.94E-03
1912	494411.06, 3859301.99	0.07804	1.94E-03	1.99E-03	1.90E-03
1913	494461.06, 3859301.99	0.07618	1.90E-03	1.94E-03	1.85E-03
1914	494511.06, 3859301.99	0.07457	1.86E-03	1.90E-03	1.81E-03
1915	494561.06, 3859301.99	0.07328	1.83E-03	1.87E-03	1.78E-03
1916	494611.06, 3859301.99	0.07188	1.79E-03	1.83E-03	1.75E-03
1917	494661.06, 3859301.99	0.07055	1.76E-03	1.80E-03	1.71E-03
1918	494711.06, 3859301.99	0.069	1.72E-03	1.76E-03	1.68E-03
1919	494761.06, 3859301.99	0.06764	1.68E-03	1.72E-03	1.64E-03
1920	494811.06, 3859301.99	0.06583	1.64E-03	1.68E-03	1.60E-03
1921	494861.06, 3859301.99	0.06349	1.58E-03	1.62E-03	1.54E-03
1922	494911.06, 3859301.99	0.06225	1.55E-03	1.59E-03	1.51E-03
1923	494961.06, 3859301.99	0.05997	1.49E-03	1.53E-03	1.46E-03
1924	495011.06, 3859301.99	0.05904	1.47E-03	1.51E-03	1.43E-03
1925	495061.06, 3859301.99	0.05945	1.48E-03	1.52E-03	1.44E-03
1926	495111.06, 3859301.99	0.05839	1.45E-03	1.49E-03	1.42E-03
1927	495161.06, 3859301.99	0.05809	1.45E-03	1.48E-03	1.41E-03
1928	495211.06, 3859301.99	0.05806	1.45E-03	1.48E-03	1.41E-03
1929	495261.06, 3859301.99	0.05777	1.44E-03	1.47E-03	1.40E-03
1930	495311.06, 3859301.99	0.0569	1.42E-03	1.45E-03	1.38E-03
1931	495361.06, 3859301.99	0.0567	1.41E-03	1.45E-03	1.38E-03
1932	495411.06, 3859301.99	0.05629	1.40E-03	1.43E-03	1.37E-03
1933	495461.06, 3859301.99	0.05595	1.39E-03	1.43E-03	1.36E-03
1934	495511.06, 3859301.99	0.05516	1.37E-03	1.41E-03	1.34E-03
1935	495561.06, 3859301.99	0.05402	1.35E-03	1.38E-03	1.31E-03
1936	495611.06, 3859301.99	0.05343	1.33E-03	1.36E-03	1.30E-03
1937	495661.06, 3859301.99	0.05283	1.32E-03	1.35E-03	1.28E-03
1938	494311.06, 3859351.99	0.08493	2.12E-03	2.17E-03	2.06E-03
1939	494361.06, 3859351.99	0.08323	2.07E-03	2.12E-03	2.02E-03
1940	494411.06, 3859351.99	0.08101	2.02E-03	2.07E-03	1.97E-03
1941	494461.06, 3859351.99	0.07913	1.97E-03	2.02E-03	1.92E-03
1942	494511.06, 3859351.99	0.07747	1.93E-03	1.97E-03	1.88E-03
1943	494561.06, 3859351.99	0.0762	1.90E-03	1.94E-03	1.85E-03

1944	494611.06, 3859351.99	0.07477	1.86E-03	1.91E-03	1.82E-03
1945	494661.06, 3859351.99	0.07331	1.83E-03	1.87E-03	1.78E-03
1946	494711.06, 3859351.99	0.07153	1.78E-03	1.82E-03	1.74E-03
1947	494761.06, 3859351.99	0.0691	1.72E-03	1.76E-03	1.68E-03
1948	494811.06, 3859351.99	0.06678	1.66E-03	1.70E-03	1.62E-03
1949	494861.06, 3859351.99	0.06564	1.63E-03	1.67E-03	1.59E-03
1950	494911.06, 3859351.99	0.0648	1.61E-03	1.65E-03	1.57E-03
1951	494961.06, 3859351.99	0.06355	1.58E-03	1.62E-03	1.54E-03
1952	495011.06, 3859351.99	0.06261	1.56E-03	1.60E-03	1.52E-03
1953	495061.06, 3859351.99	0.06275	1.56E-03	1.60E-03	1.52E-03
1954	495111.06, 3859351.99	0.06173	1.54E-03	1.57E-03	1.50E-03
1955	495161.06, 3859351.99	0.06113	1.52E-03	1.56E-03	1.48E-03
1956	495211.06, 3859351.99	0.06049	1.51E-03	1.54E-03	1.47E-03
1957	495261.06, 3859351.99	0.06013	1.50E-03	1.53E-03	1.46E-03
1958	495311.06, 3859351.99	0.05928	1.48E-03	1.51E-03	1.44E-03
1959	495361.06, 3859351.99	0.05871	1.46E-03	1.50E-03	1.43E-03
1960	495411.06, 3859351.99	0.05833	1.45E-03	1.49E-03	1.42E-03
1961	495461.06, 3859351.99	0.05807	1.45E-03	1.48E-03	1.41E-03
1962	495511.06, 3859351.99	0.05701	1.42E-03	1.45E-03	1.38E-03
1963	495561.06, 3859351.99	0.05618	1.40E-03	1.43E-03	1.36E-03
1964	495611.06, 3859351.99	0.05554	1.38E-03	1.42E-03	1.35E-03
1965	495661.06, 3859351.99	0.05452	1.36E-03	1.39E-03	1.32E-03
1966	494311.06, 3859401.99	0.08894	2.22E-03	2.27E-03	2.16E-03
1967	494361.06, 3859401.99	0.08649	2.15E-03	2.20E-03	2.10E-03
1968	494411.06, 3859401.99	0.08403	2.09E-03	2.14E-03	2.04E-03
1969	494461.06, 3859401.99	0.08219	2.05E-03	2.10E-03	2.00E-03
1970	494511.06, 3859401.99	0.0809	2.01E-03	2.06E-03	1.96E-03
1971	494561.06, 3859401.99	0.07943	1.98E-03	2.02E-03	1.93E-03
1972	494611.06, 3859401.99	0.0777	1.94E-03	1.98E-03	1.89E-03
1973	494661.06, 3859401.99	0.07641	1.90E-03	1.95E-03	1.86E-03
1974	494711.06, 3859401.99	0.07493	1.87E-03	1.91E-03	1.82E-03
1975	494761.06, 3859401.99	0.07206	1.79E-03	1.84E-03	1.75E-03
1976	494811.06, 3859401.99	0.07063	1.76E-03	1.80E-03	1.72E-03
1977	494861.06, 3859401.99	0.06847	1.71E-03	1.75E-03	1.66E-03
1978	494911.06, 3859401.99	0.06687	1.67E-03	1.70E-03	1.62E-03
1979	494961.06, 3859401.99	0.06619	1.65E-03	1.69E-03	1.61E-03
1980	495011.06, 3859401.99	0.06552	1.63E-03	1.67E-03	1.59E-03
1981	495061.06, 3859401.99	0.06472	1.61E-03	1.65E-03	1.57E-03
1982	495111.06, 3859401.99	0.06363	1.58E-03	1.62E-03	1.55E-03
1983	495161.06, 3859401.99	0.06335	1.58E-03	1.61E-03	1.54E-03
1984	495211.06, 3859401.99	0.06299	1.57E-03	1.61E-03	1.53E-03
1985	495261.06, 3859401.99	0.06232	1.55E-03	1.59E-03	1.51E-03
1986	495311.06, 3859401.99	0.0616	1.53E-03	1.57E-03	1.50E-03
1987	495361.06, 3859401.99	0.06134	1.53E-03	1.56E-03	1.49E-03
1988	495411.06, 3859401.99	0.06081	1.51E-03	1.55E-03	1.48E-03
1989	495461.06, 3859401.99	0.06	1.49E-03	1.53E-03	1.46E-03
1990	495511.06, 3859401.99	0.05891	1.47E-03	1.50E-03	1.43E-03
1991	495561.06, 3859401.99	0.0577	1.44E-03	1.47E-03	1.40E-03
1992	495611.06, 3859401.99	0.05696	1.42E-03	1.45E-03	1.38E-03
1993	495661.06, 3859401.99	0.05631	1.40E-03	1.44E-03	1.37E-03
1994	494311.06, 3859451.99	0.09203	2.29E-03	2.35E-03	2.24E-03
1995	494361.06, 3859451.99	0.08967	2.23E-03	2.29E-03	2.18E-03
1996	494411.06, 3859451.99	0.08652	2.15E-03	2.21E-03	2.10E-03
1997	494461.06, 3859451.99	0.08533	2.13E-03	2.18E-03	2.07E-03
1998	494511.06, 3859451.99	0.08347	2.08E-03	2.13E-03	2.03E-03
1999	494561.06, 3859451.99	0.08195	2.04E-03	2.09E-03	1.99E-03
2000	494611.06, 3859451.99	0.08097	2.02E-03	2.06E-03	1.97E-03
2001	494661.06, 3859451.99	0.0791	1.97E-03	2.02E-03	1.92E-03
2002	494711.06, 3859451.99	0.07728	1.92E-03	1.97E-03	1.88E-03

2003	494761.06, 3859451.99	0.07575	1.89E-03	1.93E-03	1.84E-03
2004	494811.06, 3859451.99	0.0736	1.83E-03	1.88E-03	1.79E-03
2005	494861.06, 3859451.99	0.07186	1.79E-03	1.83E-03	1.75E-03
2006	494911.06, 3859451.99	0.07051	1.76E-03	1.80E-03	1.71E-03
2007	494961.06, 3859451.99	0.06963	1.73E-03	1.78E-03	1.69E-03
2008	495011.06, 3859451.99	0.0686	1.71E-03	1.75E-03	1.67E-03
2009	495061.06, 3859451.99	0.06759	1.68E-03	1.72E-03	1.64E-03
2010	495111.06, 3859451.99	0.06657	1.66E-03	1.70E-03	1.62E-03
2011	495161.06, 3859451.99	0.06598	1.64E-03	1.68E-03	1.60E-03
2012	495211.06, 3859451.99	0.06553	1.63E-03	1.67E-03	1.59E-03
2013	495261.06, 3859451.99	0.06502	1.62E-03	1.66E-03	1.58E-03
2014	495311.06, 3859451.99	0.06421	1.60E-03	1.64E-03	1.56E-03
2015	495361.06, 3859451.99	0.06354	1.58E-03	1.62E-03	1.54E-03
2016	495411.06, 3859451.99	0.06272	1.56E-03	1.60E-03	1.52E-03
2017	495461.06, 3859451.99	0.06204	1.55E-03	1.58E-03	1.51E-03
2018	495511.06, 3859451.99	0.06075	1.51E-03	1.55E-03	1.48E-03
2019	495561.06, 3859451.99	0.05987	1.49E-03	1.53E-03	1.45E-03
2020	495611.06, 3859451.99	0.05903	1.47E-03	1.50E-03	1.43E-03
2021	495661.06, 3859451.99	0.05825	1.45E-03	1.48E-03	1.41E-03
2022	494311.06, 3859501.99	0.0956	2.38E-03	2.44E-03	2.32E-03
2023	494361.06, 3859501.99	0.09306	2.32E-03	2.37E-03	2.26E-03
2024	494411.06, 3859501.99	0.08905	2.22E-03	2.27E-03	2.16E-03
2025	494461.06, 3859501.99	0.08869	2.21E-03	2.26E-03	2.15E-03
2026	494511.06, 3859501.99	0.0865	2.15E-03	2.21E-03	2.10E-03
2027	494561.06, 3859501.99	0.08465	2.11E-03	2.16E-03	2.06E-03
2028	494611.06, 3859501.99	0.08441	2.10E-03	2.15E-03	2.05E-03
2029	494661.06, 3859501.99	0.08214	2.05E-03	2.09E-03	2.00E-03
2030	494711.06, 3859501.99	0.0796	1.98E-03	2.03E-03	1.93E-03
2031	494761.06, 3859501.99	0.0789	1.96E-03	2.01E-03	1.92E-03
2032	494811.06, 3859501.99	0.07589	1.89E-03	1.93E-03	1.84E-03
2033	494861.06, 3859501.99	0.07457	1.86E-03	1.90E-03	1.81E-03
2034	494911.06, 3859501.99	0.07365	1.83E-03	1.88E-03	1.79E-03
2035	494961.06, 3859501.99	0.07211	1.80E-03	1.84E-03	1.75E-03
2036	495011.06, 3859501.99	0.07127	1.77E-03	1.82E-03	1.73E-03
2037	495061.06, 3859501.99	0.07048	1.76E-03	1.80E-03	1.71E-03
2038	495111.06, 3859501.99	0.06907	1.72E-03	1.76E-03	1.68E-03
2039	495161.06, 3859501.99	0.06835	1.70E-03	1.74E-03	1.66E-03
2040	495211.06, 3859501.99	0.0679	1.69E-03	1.73E-03	1.65E-03
2041	495261.06, 3859501.99	0.06718	1.67E-03	1.71E-03	1.63E-03
2042	495311.06, 3859501.99	0.06658	1.66E-03	1.70E-03	1.62E-03
2043	495361.06, 3859501.99	0.06578	1.64E-03	1.68E-03	1.60E-03
2044	495411.06, 3859501.99	0.06503	1.62E-03	1.66E-03	1.58E-03
2045	495461.06, 3859501.99	0.06416	1.60E-03	1.64E-03	1.56E-03
2046	495511.06, 3859501.99	0.06232	1.55E-03	1.59E-03	1.51E-03
2047	495561.06, 3859501.99	0.06203	1.54E-03	1.58E-03	1.51E-03
2048	495611.06, 3859501.99	0.06108	1.52E-03	1.56E-03	1.48E-03
2049	495661.06, 3859501.99	0.06006	1.50E-03	1.53E-03	1.46E-03
2050	494311.06, 3859551.99	0.09898	2.47E-03	2.52E-03	2.40E-03
2051	494361.06, 3859551.99	0.09543	2.38E-03	2.43E-03	2.32E-03
2052	494411.06, 3859551.99	0.0914	2.28E-03	2.33E-03	2.22E-03
2053	494461.06, 3859551.99	0.09171	2.28E-03	2.34E-03	2.23E-03
2054	494511.06, 3859551.99	0.08946	2.23E-03	2.28E-03	2.17E-03
2055	494561.06, 3859551.99	0.08772	2.18E-03	2.24E-03	2.13E-03
2056	494611.06, 3859551.99	0.08663	2.16E-03	2.21E-03	2.10E-03
2057	494661.06, 3859551.99	0.08517	2.12E-03	2.17E-03	2.07E-03
2058	494711.06, 3859551.99	0.08132	2.03E-03	2.07E-03	1.98E-03
2059	494761.06, 3859551.99	0.08163	2.03E-03	2.08E-03	1.98E-03
2060	494811.06, 3859551.99	0.0789	1.96E-03	2.01E-03	1.92E-03
2061	494861.06, 3859551.99	0.07755	1.93E-03	1.98E-03	1.88E-03

2062	494911.06, 3859551.99	0.076	1.89E-03	1.94E-03	1.85E-03
2063	494961.06, 3859551.99	0.07509	1.87E-03	1.91E-03	1.82E-03
2064	495011.06, 3859551.99	0.07436	1.85E-03	1.90E-03	1.81E-03
2065	495061.06, 3859551.99	0.07319	1.82E-03	1.87E-03	1.78E-03
2066	495111.06, 3859551.99	0.07178	1.79E-03	1.83E-03	1.74E-03
2067	495161.06, 3859551.99	0.07112	1.77E-03	1.81E-03	1.73E-03
2068	495211.06, 3859551.99	0.07063	1.76E-03	1.80E-03	1.72E-03
2069	495261.06, 3859551.99	0.06951	1.73E-03	1.77E-03	1.69E-03
2070	495311.06, 3859551.99	0.06859	1.71E-03	1.75E-03	1.67E-03
2071	495361.06, 3859551.99	0.06784	1.69E-03	1.73E-03	1.65E-03
2072	495411.06, 3859551.99	0.06723	1.67E-03	1.71E-03	1.63E-03
2073	495461.06, 3859551.99	0.06593	1.64E-03	1.68E-03	1.60E-03
2074	495511.06, 3859551.99	0.06461	1.61E-03	1.65E-03	1.57E-03
2075	495561.06, 3859551.99	0.06376	1.59E-03	1.63E-03	1.55E-03
2076	495611.06, 3859551.99	0.0629	1.57E-03	1.60E-03	1.53E-03
2077	495661.06, 3859551.99	0.06187	1.54E-03	1.58E-03	1.50E-03
2078	494311.06, 3859601.99	0.10282	2.56E-03	2.62E-03	2.50E-03
2079	494361.06, 3859601.99	0.09765	2.43E-03	2.49E-03	2.37E-03
2080	494411.06, 3859601.99	0.09491	2.36E-03	2.42E-03	2.31E-03
2081	494461.06, 3859601.99	0.09484	2.36E-03	2.42E-03	2.30E-03
2082	494511.06, 3859601.99	0.09169	2.28E-03	2.34E-03	2.23E-03
2083	494561.06, 3859601.99	0.09121	2.27E-03	2.33E-03	2.22E-03
2084	494611.06, 3859601.99	0.09016	2.25E-03	2.30E-03	2.19E-03
2085	494661.06, 3859601.99	0.08671	2.16E-03	2.21E-03	2.11E-03
2086	494711.06, 3859601.99	0.08411	2.09E-03	2.14E-03	2.04E-03
2087	494761.06, 3859601.99	0.08506	2.12E-03	2.17E-03	2.07E-03
2088	494811.06, 3859601.99	0.08206	2.04E-03	2.09E-03	1.99E-03
2089	494861.06, 3859601.99	0.08077	2.01E-03	2.06E-03	1.96E-03
2090	494911.06, 3859601.99	0.0786	1.96E-03	2.00E-03	1.91E-03
2091	494961.06, 3859601.99	0.07856	1.96E-03	2.00E-03	1.91E-03
2092	495011.06, 3859601.99	0.07635	1.90E-03	1.95E-03	1.85E-03
2093	495061.06, 3859601.99	0.07587	1.89E-03	1.93E-03	1.84E-03
2094	495111.06, 3859601.99	0.07429	1.85E-03	1.89E-03	1.80E-03
2095	495161.06, 3859601.99	0.07363	1.83E-03	1.88E-03	1.79E-03
2096	495211.06, 3859601.99	0.07268	1.81E-03	1.85E-03	1.77E-03
2097	495261.06, 3859601.99	0.0719	1.79E-03	1.83E-03	1.75E-03
2098	495311.06, 3859601.99	0.0712	1.77E-03	1.82E-03	1.73E-03
2099	495361.06, 3859601.99	0.07019	1.75E-03	1.79E-03	1.70E-03
2100	495411.06, 3859601.99	0.06947	1.73E-03	1.77E-03	1.69E-03
2101	495461.06, 3859601.99	0.06783	1.69E-03	1.73E-03	1.65E-03
2102	495511.06, 3859601.99	0.06637	1.65E-03	1.69E-03	1.61E-03
2103	495561.06, 3859601.99	0.06592	1.64E-03	1.68E-03	1.60E-03
2104	495611.06, 3859601.99	0.06434	1.60E-03	1.64E-03	1.56E-03
2105	495661.06, 3859601.99	0.06369	1.59E-03	1.62E-03	1.55E-03
2106	494311.06, 3859651.99	0.10517	2.62E-03	2.68E-03	2.55E-03
2107	494361.06, 3859651.99	0.10036	2.50E-03	2.56E-03	2.44E-03
2108	494411.06, 3859651.99	0.09839	2.45E-03	2.51E-03	2.39E-03
2109	494461.06, 3859651.99	0.09815	2.44E-03	2.50E-03	2.38E-03
2110	494511.06, 3859651.99	0.09604	2.39E-03	2.45E-03	2.33E-03
2111	494561.06, 3859651.99	0.09464	2.36E-03	2.41E-03	2.30E-03
2112	494611.06, 3859651.99	0.09315	2.32E-03	2.37E-03	2.26E-03
2113	494661.06, 3859651.99	0.08899	2.22E-03	2.27E-03	2.16E-03
2114	494711.06, 3859651.99	0.08777	2.19E-03	2.24E-03	2.13E-03
2115	494761.06, 3859651.99	0.08718	2.17E-03	2.22E-03	2.12E-03
2116	494811.06, 3859651.99	0.08501	2.12E-03	2.17E-03	2.06E-03
2117	494861.06, 3859651.99	0.08385	2.09E-03	2.14E-03	2.04E-03
2118	494911.06, 3859651.99	0.08227	2.05E-03	2.10E-03	2.00E-03
2119	494961.06, 3859651.99	0.08106	2.02E-03	2.07E-03	1.97E-03
2120	495011.06, 3859651.99	0.07967	1.98E-03	2.03E-03	1.94E-03

2121	495061.06, 3859651.99	0.07875	1.96E-03	2.01E-03	1.91E-03
2122	495111.06, 3859651.99	0.07728	1.92E-03	1.97E-03	1.88E-03
2123	495161.06, 3859651.99	0.0762	1.90E-03	1.94E-03	1.85E-03
2124	495211.06, 3859651.99	0.07534	1.88E-03	1.92E-03	1.83E-03
2125	495261.06, 3859651.99	0.07425	1.85E-03	1.89E-03	1.80E-03
2126	495311.06, 3859651.99	0.07332	1.83E-03	1.87E-03	1.78E-03
2127	495361.06, 3859651.99	0.07249	1.81E-03	1.85E-03	1.76E-03
2128	495411.06, 3859651.99	0.07144	1.78E-03	1.82E-03	1.74E-03
2129	495461.06, 3859651.99	0.06979	1.74E-03	1.78E-03	1.70E-03
2130	495511.06, 3859651.99	0.06838	1.70E-03	1.74E-03	1.66E-03
2131	495561.06, 3859651.99	0.0676	1.68E-03	1.72E-03	1.64E-03
2132	495611.06, 3859651.99	0.06655	1.66E-03	1.70E-03	1.62E-03
2133	495661.06, 3859651.99	0.06542	1.63E-03	1.67E-03	1.59E-03
2134	494311.06, 3859701.99	0.10449	2.60E-03	2.66E-03	2.54E-03
2135	494361.06, 3859701.99	0.10224	2.55E-03	2.61E-03	2.48E-03
2136	494411.06, 3859701.99	0.10096	2.51E-03	2.57E-03	2.45E-03
2137	494461.06, 3859701.99	0.10132	2.52E-03	2.58E-03	2.46E-03
2138	494511.06, 3859701.99	0.09938	2.48E-03	2.53E-03	2.41E-03
2139	494561.06, 3859701.99	0.098	2.44E-03	2.50E-03	2.38E-03
2140	494611.06, 3859701.99	0.0965	2.40E-03	2.46E-03	2.34E-03
2141	494661.06, 3859701.99	0.09214	2.29E-03	2.35E-03	2.24E-03
2142	494711.06, 3859701.99	0.09149	2.28E-03	2.33E-03	2.22E-03
2143	494761.06, 3859701.99	0.08942	2.23E-03	2.28E-03	2.17E-03
2144	494811.06, 3859701.99	0.08736	2.18E-03	2.23E-03	2.12E-03
2145	494861.06, 3859701.99	0.0869	2.16E-03	2.22E-03	2.11E-03
2146	494911.06, 3859701.99	0.08521	2.12E-03	2.17E-03	2.07E-03
2147	494961.06, 3859701.99	0.08362	2.08E-03	2.13E-03	2.03E-03
2148	495011.06, 3859701.99	0.08264	2.06E-03	2.11E-03	2.01E-03
2149	495061.06, 3859701.99	0.08133	2.03E-03	2.07E-03	1.98E-03
2150	495111.06, 3859701.99	0.08003	1.99E-03	2.04E-03	1.94E-03
2151	495161.06, 3859701.99	0.07863	1.96E-03	2.00E-03	1.91E-03
2152	495211.06, 3859701.99	0.0772	1.92E-03	1.97E-03	1.88E-03
2153	495261.06, 3859701.99	0.0767	1.91E-03	1.96E-03	1.86E-03
2154	495311.06, 3859701.99	0.07541	1.88E-03	1.92E-03	1.83E-03
2155	495361.06, 3859701.99	0.07424	1.85E-03	1.89E-03	1.80E-03
2156	495411.06, 3859701.99	0.07274	1.81E-03	1.85E-03	1.77E-03
2157	495461.06, 3859701.99	0.07156	1.78E-03	1.82E-03	1.74E-03
2158	495511.06, 3859701.99	0.0696	1.73E-03	1.77E-03	1.69E-03
2159	495561.06, 3859701.99	0.06937	1.73E-03	1.77E-03	1.68E-03
2160	495611.06, 3859701.99	0.06834	1.70E-03	1.74E-03	1.66E-03
2161	495661.06, 3859701.99	0.06723	1.67E-03	1.71E-03	1.63E-03
2162	494311.06, 3859751.99	0.10872	2.71E-03	2.77E-03	2.64E-03
2163	494361.06, 3859751.99	0.10658	2.65E-03	2.72E-03	2.59E-03
2164	494411.06, 3859751.99	0.10406	2.59E-03	2.65E-03	2.53E-03
2165	494461.06, 3859751.99	0.10391	2.59E-03	2.65E-03	2.52E-03
2166	494511.06, 3859751.99	0.10305	2.57E-03	2.63E-03	2.50E-03
2167	494561.06, 3859751.99	0.10112	2.52E-03	2.58E-03	2.46E-03
2168	494611.06, 3859751.99	0.09873	2.46E-03	2.52E-03	2.40E-03
2169	494661.06, 3859751.99	0.09493	2.36E-03	2.42E-03	2.31E-03
2170	494711.06, 3859751.99	0.09453	2.35E-03	2.41E-03	2.30E-03
2171	494761.06, 3859751.99	0.09323	2.32E-03	2.38E-03	2.26E-03
2172	494811.06, 3859751.99	0.09124	2.27E-03	2.33E-03	2.22E-03
2173	494861.06, 3859751.99	0.08981	2.24E-03	2.29E-03	2.18E-03
2174	494911.06, 3859751.99	0.08836	2.20E-03	2.25E-03	2.15E-03
2175	494961.06, 3859751.99	0.08695	2.17E-03	2.22E-03	2.11E-03
2176	495011.06, 3859751.99	0.08545	2.13E-03	2.18E-03	2.08E-03
2177	495061.06, 3859751.99	0.08439	2.10E-03	2.15E-03	2.05E-03
2178	495111.06, 3859751.99	0.08297	2.07E-03	2.12E-03	2.02E-03
2179	495161.06, 3859751.99	0.08145	2.03E-03	2.08E-03	1.98E-03

2180	495211.06, 3859751.99	0.07992	1.99E-03	2.04E-03	1.94E-03
2181	495261.06, 3859751.99	0.07888	1.96E-03	2.01E-03	1.92E-03
2182	495311.06, 3859751.99	0.07755	1.93E-03	1.98E-03	1.88E-03
2183	495361.06, 3859751.99	0.07635	1.90E-03	1.95E-03	1.85E-03
2184	495411.06, 3859751.99	0.0752	1.87E-03	1.92E-03	1.83E-03
2185	495461.06, 3859751.99	0.07361	1.83E-03	1.88E-03	1.79E-03
2186	495511.06, 3859751.99	0.07207	1.79E-03	1.84E-03	1.75E-03
2187	495561.06, 3859751.99	0.07098	1.77E-03	1.81E-03	1.72E-03
2188	495611.06, 3859751.99	0.06992	1.74E-03	1.78E-03	1.70E-03
2189	495661.06, 3859751.99	0.06911	1.72E-03	1.76E-03	1.68E-03
2190	494311.06, 3859801.99	0.11283	2.81E-03	2.88E-03	2.74E-03
2191	494361.06, 3859801.99	0.10977	2.73E-03	2.80E-03	2.67E-03
2192	494411.06, 3859801.99	0.10663	2.66E-03	2.72E-03	2.59E-03
2193	494461.06, 3859801.99	0.10626	2.65E-03	2.71E-03	2.58E-03
2194	494511.06, 3859801.99	0.1061	2.64E-03	2.70E-03	2.58E-03
2195	494561.06, 3859801.99	0.10418	2.59E-03	2.66E-03	2.53E-03
2196	494611.06, 3859801.99	0.10069	2.51E-03	2.57E-03	2.45E-03
2197	494661.06, 3859801.99	0.09864	2.46E-03	2.51E-03	2.40E-03
2198	494711.06, 3859801.99	0.09624	2.40E-03	2.45E-03	2.34E-03
2199	494761.06, 3859801.99	0.09604	2.39E-03	2.45E-03	2.33E-03
2200	494811.06, 3859801.99	0.09415	2.34E-03	2.40E-03	2.29E-03
2201	494861.06, 3859801.99	0.09279	2.31E-03	2.37E-03	2.25E-03
2202	494911.06, 3859801.99	0.09081	2.26E-03	2.31E-03	2.21E-03
2203	494961.06, 3859801.99	0.08934	2.22E-03	2.28E-03	2.17E-03
2204	495011.06, 3859801.99	0.08782	2.19E-03	2.24E-03	2.13E-03
2205	495061.06, 3859801.99	0.08658	2.16E-03	2.21E-03	2.10E-03
2206	495111.06, 3859801.99	0.08489	2.11E-03	2.16E-03	2.06E-03
2207	495161.06, 3859801.99	0.08334	2.08E-03	2.12E-03	2.02E-03
2208	495211.06, 3859801.99	0.08219	2.05E-03	2.10E-03	2.00E-03
2209	495261.06, 3859801.99	0.08065	2.01E-03	2.06E-03	1.96E-03
2210	495311.06, 3859801.99	0.07962	1.98E-03	2.03E-03	1.93E-03
2211	495361.06, 3859801.99	0.07827	1.95E-03	2.00E-03	1.90E-03
2212	495411.06, 3859801.99	0.07676	1.91E-03	1.96E-03	1.86E-03
2213	495461.06, 3859801.99	0.07554	1.88E-03	1.93E-03	1.83E-03
2214	495511.06, 3859801.99	0.07386	1.84E-03	1.88E-03	1.79E-03
2215	495561.06, 3859801.99	0.07285	1.81E-03	1.86E-03	1.77E-03
2216	495611.06, 3859801.99	0.07226	1.80E-03	1.84E-03	1.76E-03
2217	495661.06, 3859801.99	0.07081	1.76E-03	1.81E-03	1.72E-03
2218	494311.06, 3859851.99	0.11574	2.88E-03	2.95E-03	2.81E-03
2219	494361.06, 3859851.99	0.11308	2.82E-03	2.88E-03	2.75E-03
2220	494411.06, 3859851.99	0.1102	2.74E-03	2.81E-03	2.68E-03
2221	494461.06, 3859851.99	0.10803	2.69E-03	2.75E-03	2.62E-03
2222	494511.06, 3859851.99	0.10717	2.67E-03	2.73E-03	2.60E-03
2223	494561.06, 3859851.99	0.10662	2.66E-03	2.72E-03	2.59E-03
2224	494611.06, 3859851.99	0.10284	2.56E-03	2.62E-03	2.50E-03
2225	494661.06, 3859851.99	0.10177	2.53E-03	2.59E-03	2.47E-03
2226	494711.06, 3859851.99	0.09899	2.47E-03	2.52E-03	2.40E-03
2227	494761.06, 3859851.99	0.09853	2.45E-03	2.51E-03	2.39E-03
2228	494811.06, 3859851.99	0.09669	2.41E-03	2.46E-03	2.35E-03
2229	494861.06, 3859851.99	0.09547	2.38E-03	2.43E-03	2.32E-03
2230	494911.06, 3859851.99	0.09346	2.33E-03	2.38E-03	2.27E-03
2231	494961.06, 3859851.99	0.09191	2.29E-03	2.34E-03	2.23E-03
2232	495011.06, 3859851.99	0.09036	2.25E-03	2.30E-03	2.19E-03
2233	495061.06, 3859851.99	0.08908	2.22E-03	2.27E-03	2.16E-03
2234	495111.06, 3859851.99	0.08721	2.17E-03	2.22E-03	2.12E-03
2235	495161.06, 3859851.99	0.08567	2.13E-03	2.18E-03	2.08E-03
2236	495211.06, 3859851.99	0.08427	2.10E-03	2.15E-03	2.05E-03
2237	495261.06, 3859851.99	0.0828	2.06E-03	2.11E-03	2.01E-03
2238	495311.06, 3859851.99	0.08163	2.03E-03	2.08E-03	1.98E-03

2239	495361.06, 3859851.99	0.08035	2.00E-03	2.05E-03	1.95E-03
2240	495411.06, 3859851.99	0.07882	1.96E-03	2.01E-03	1.91E-03
2241	495461.06, 3859851.99	0.07737	1.93E-03	1.97E-03	1.88E-03
2242	495511.06, 3859851.99	0.0758	1.89E-03	1.93E-03	1.84E-03
2243	495561.06, 3859851.99	0.07489	1.87E-03	1.91E-03	1.82E-03
2244	495611.06, 3859851.99	0.07393	1.84E-03	1.88E-03	1.80E-03
2245	495661.06, 3859851.99	0.07249	1.81E-03	1.85E-03	1.76E-03
2246	494311.06, 3859901.99	0.11821	2.94E-03	3.01E-03	2.87E-03
2247	494361.06, 3859901.99	0.11439	2.85E-03	2.92E-03	2.78E-03
2248	494411.06, 3859901.99	0.11299	2.81E-03	2.88E-03	2.74E-03
2249	494461.06, 3859901.99	0.11081	2.76E-03	2.82E-03	2.69E-03
2250	494511.06, 3859901.99	0.10932	2.72E-03	2.79E-03	2.66E-03
2251	494561.06, 3859901.99	0.10923	2.72E-03	2.78E-03	2.65E-03
2252	494611.06, 3859901.99	0.10518	2.62E-03	2.68E-03	2.55E-03
2253	494661.06, 3859901.99	0.10478	2.61E-03	2.67E-03	2.55E-03
2254	494711.06, 3859901.99	0.10103	2.52E-03	2.58E-03	2.45E-03
2255	494761.06, 3859901.99	0.10017	2.49E-03	2.55E-03	2.43E-03
2256	494811.06, 3859901.99	0.09934	2.47E-03	2.53E-03	2.41E-03
2257	494861.06, 3859901.99	0.09798	2.44E-03	2.50E-03	2.38E-03
2258	494911.06, 3859901.99	0.09587	2.39E-03	2.44E-03	2.33E-03
2259	494961.06, 3859901.99	0.09447	2.35E-03	2.41E-03	2.29E-03
2260	495011.06, 3859901.99	0.09263	2.31E-03	2.36E-03	2.25E-03
2261	495061.06, 3859901.99	0.09103	2.27E-03	2.32E-03	2.21E-03
2262	495111.06, 3859901.99	0.08909	2.22E-03	2.27E-03	2.16E-03
2263	495161.06, 3859901.99	0.08732	2.17E-03	2.23E-03	2.12E-03
2264	495211.06, 3859901.99	0.08622	2.15E-03	2.20E-03	2.09E-03
2265	495261.06, 3859901.99	0.08428	2.10E-03	2.15E-03	2.05E-03
2266	495311.06, 3859901.99	0.08325	2.07E-03	2.12E-03	2.02E-03
2267	495361.06, 3859901.99	0.08179	2.04E-03	2.09E-03	1.99E-03
2268	495411.06, 3859901.99	0.08018	2.00E-03	2.04E-03	1.95E-03
2269	495461.06, 3859901.99	0.07877	1.96E-03	2.01E-03	1.91E-03
2270	495511.06, 3859901.99	0.07774	1.94E-03	1.98E-03	1.89E-03
2271	495561.06, 3859901.99	0.07673	1.91E-03	1.96E-03	1.86E-03
2272	495611.06, 3859901.99	0.07532	1.88E-03	1.92E-03	1.83E-03
2273	495661.06, 3859901.99	0.07386	1.84E-03	1.88E-03	1.79E-03
2274	494311.06, 3859951.99	0.12095	3.01E-03	3.08E-03	2.94E-03
2275	494361.06, 3859951.99	0.11801	2.94E-03	3.01E-03	2.87E-03
2276	494411.06, 3859951.99	0.11539	2.87E-03	2.94E-03	2.80E-03
2277	494461.06, 3859951.99	0.11319	2.82E-03	2.89E-03	2.75E-03
2278	494511.06, 3859951.99	0.11169	2.78E-03	2.85E-03	2.71E-03
2279	494561.06, 3859951.99	0.11196	2.79E-03	2.85E-03	2.72E-03
2280	494611.06, 3859951.99	0.10822	2.70E-03	2.76E-03	2.63E-03
2281	494661.06, 3859951.99	0.10756	2.68E-03	2.74E-03	2.61E-03
2282	494711.06, 3859951.99	0.10423	2.60E-03	2.66E-03	2.53E-03
2283	494761.06, 3859951.99	0.10286	2.56E-03	2.62E-03	2.50E-03
2284	494811.06, 3859951.99	0.10129	2.52E-03	2.58E-03	2.46E-03
2285	494861.06, 3859951.99	0.10027	2.50E-03	2.56E-03	2.44E-03
2286	494911.06, 3859951.99	0.09806	2.44E-03	2.50E-03	2.38E-03
2287	494961.06, 3859951.99	0.09607	2.39E-03	2.45E-03	2.33E-03
2288	495011.06, 3859951.99	0.09428	2.35E-03	2.40E-03	2.29E-03
2289	495061.06, 3859951.99	0.09279	2.31E-03	2.37E-03	2.25E-03
2290	495111.06, 3859951.99	0.09082	2.26E-03	2.32E-03	2.21E-03
2291	495161.06, 3859951.99	0.08897	2.22E-03	2.27E-03	2.16E-03
2292	495211.06, 3859951.99	0.0872	2.17E-03	2.22E-03	2.12E-03
2293	495261.06, 3859951.99	0.08573	2.14E-03	2.19E-03	2.08E-03
2294	495311.06, 3859951.99	0.08478	2.11E-03	2.16E-03	2.06E-03
2295	495361.06, 3859951.99	0.0835	2.08E-03	2.13E-03	2.03E-03
2296	495411.06, 3859951.99	0.08187	2.04E-03	2.09E-03	1.99E-03
2297	495461.06, 3859951.99	0.08044	2.00E-03	2.05E-03	1.95E-03

2298	495511.06, 3859951.99	0.07901	1.97E-03	2.01E-03	1.92E-03
2299	495561.06, 3859951.99	0.07828	1.95E-03	2.00E-03	1.90E-03
2300	495611.06, 3859951.99	0.07683	1.91E-03	1.96E-03	1.87E-03
2301	495661.06, 3859951.99	0.07522	1.87E-03	1.92E-03	1.83E-03
2302	494311.06, 3860001.99	0.12325	3.07E-03	3.14E-03	2.99E-03
2303	494361.06, 3860001.99	0.12077	3.01E-03	3.08E-03	2.93E-03
2304	494411.06, 3860001.99	0.11737	2.92E-03	2.99E-03	2.85E-03
2305	494461.06, 3860001.99	0.1156	2.88E-03	2.95E-03	2.81E-03
2306	494511.06, 3860001.99	0.11302	2.81E-03	2.88E-03	2.75E-03
2307	494561.06, 3860001.99	0.1141	2.84E-03	2.91E-03	2.77E-03
2308	494611.06, 3860001.99	0.11137	2.77E-03	2.84E-03	2.71E-03
2309	494661.06, 3860001.99	0.10967	2.73E-03	2.80E-03	2.66E-03
2310	494711.06, 3860001.99	0.1052	2.62E-03	2.68E-03	2.56E-03
2311	494761.06, 3860001.99	0.10498	2.61E-03	2.68E-03	2.55E-03
2312	494811.06, 3860001.99	0.10361	2.58E-03	2.64E-03	2.52E-03
2313	494861.06, 3860001.99	0.10248	2.55E-03	2.61E-03	2.49E-03
2314	494911.06, 3860001.99	0.09866	2.46E-03	2.52E-03	2.40E-03
2315	494961.06, 3860001.99	0.0975	2.43E-03	2.49E-03	2.37E-03
2316	495011.06, 3860001.99	0.09551	2.38E-03	2.43E-03	2.32E-03
2317	495061.06, 3860001.99	0.09446	2.35E-03	2.41E-03	2.29E-03
2318	495111.06, 3860001.99	0.09248	2.30E-03	2.36E-03	2.25E-03
2319	495161.06, 3860001.99	0.09057	2.26E-03	2.31E-03	2.20E-03
2320	495211.06, 3860001.99	0.08953	2.23E-03	2.28E-03	2.17E-03
2321	495261.06, 3860001.99	0.08782	2.19E-03	2.24E-03	2.13E-03
2322	495311.06, 3860001.99	0.08648	2.15E-03	2.20E-03	2.10E-03
2323	495361.06, 3860001.99	0.08425	2.10E-03	2.15E-03	2.05E-03
2324	495411.06, 3860001.99	0.08352	2.08E-03	2.13E-03	2.03E-03
2325	495461.06, 3860001.99	0.08211	2.04E-03	2.09E-03	1.99E-03
2326	495511.06, 3860001.99	0.08078	2.01E-03	2.06E-03	1.96E-03
2327	495561.06, 3860001.99	0.07985	1.99E-03	2.04E-03	1.94E-03
2328	495611.06, 3860001.99	0.07826	1.95E-03	2.00E-03	1.90E-03
2329	495661.06, 3860001.99	0.07676	1.91E-03	1.96E-03	1.86E-03
2330	494411.06, 3860051.99	0.11988	2.99E-03	3.06E-03	2.91E-03
2331	494461.06, 3860051.99	0.11744	2.92E-03	2.99E-03	2.85E-03
2332	494511.06, 3860051.99	0.11524	2.87E-03	2.94E-03	2.80E-03
2333	494561.06, 3860051.99	0.11483	2.86E-03	2.93E-03	2.79E-03
2334	494611.06, 3860051.99	0.11336	2.82E-03	2.89E-03	2.75E-03
2335	494661.06, 3860051.99	0.11163	2.78E-03	2.85E-03	2.71E-03
2336	494711.06, 3860051.99	0.10836	2.70E-03	2.76E-03	2.63E-03
2337	494761.06, 3860051.99	0.10686	2.66E-03	2.72E-03	2.60E-03
2338	494811.06, 3860051.99	0.10599	2.64E-03	2.70E-03	2.57E-03
2339	494861.06, 3860051.99	0.10494	2.61E-03	2.68E-03	2.55E-03
2340	494911.06, 3860051.99	0.10242	2.55E-03	2.61E-03	2.49E-03
2341	494961.06, 3860051.99	0.09986	2.49E-03	2.55E-03	2.43E-03
2342	495011.06, 3860051.99	0.09766	2.43E-03	2.49E-03	2.37E-03
2343	495061.06, 3860051.99	0.09588	2.39E-03	2.44E-03	2.33E-03
2344	495111.06, 3860051.99	0.09363	2.33E-03	2.39E-03	2.27E-03
2345	495161.06, 3860051.99	0.092	2.29E-03	2.35E-03	2.23E-03
2346	495211.06, 3860051.99	0.09019	2.25E-03	2.30E-03	2.19E-03
2347	495261.06, 3860051.99	0.08889	2.21E-03	2.27E-03	2.16E-03
2348	495311.06, 3860051.99	0.08777	2.19E-03	2.24E-03	2.13E-03
2349	495361.06, 3860051.99	0.08644	2.15E-03	2.20E-03	2.10E-03
2350	495411.06, 3860051.99	0.08504	2.12E-03	2.17E-03	2.07E-03
2351	495461.06, 3860051.99	0.08352	2.08E-03	2.13E-03	2.03E-03
2352	495511.06, 3860051.99	0.0824	2.05E-03	2.10E-03	2.00E-03
2353	495561.06, 3860051.99	0.08109	2.02E-03	2.07E-03	1.97E-03
2354	495611.06, 3860051.99	0.07965	1.98E-03	2.03E-03	1.93E-03
2355	495661.06, 3860051.99	0.07796	1.94E-03	1.99E-03	1.89E-03
2356	494411.06, 3860101.99	0.12015	2.99E-03	3.06E-03	2.92E-03

2357	494461.06, 3860101.99	0.11942	2.97E-03	3.04E-03	2.90E-03
2358	494511.06, 3860101.99	0.11619	2.89E-03	2.96E-03	2.82E-03
2359	494561.06, 3860101.99	0.11485	2.86E-03	2.93E-03	2.79E-03
2360	494611.06, 3860101.99	0.11436	2.85E-03	2.92E-03	2.78E-03
2361	494661.06, 3860101.99	0.11283	2.81E-03	2.88E-03	2.74E-03
2362	494711.06, 3860101.99	0.1099	2.74E-03	2.80E-03	2.67E-03
2363	494761.06, 3860101.99	0.1083	2.70E-03	2.76E-03	2.63E-03
2364	494811.06, 3860101.99	0.10684	2.66E-03	2.72E-03	2.60E-03
2365	494861.06, 3860101.99	0.10717	2.67E-03	2.73E-03	2.60E-03
2366	494911.06, 3860101.99	0.10262	2.56E-03	2.62E-03	2.49E-03
2367	494961.06, 3860101.99	0.10101	2.52E-03	2.57E-03	2.45E-03
2368	495011.06, 3860101.99	0.09884	2.46E-03	2.52E-03	2.40E-03
2369	495061.06, 3860101.99	0.09685	2.41E-03	2.47E-03	2.35E-03
2370	495111.06, 3860101.99	0.09452	2.35E-03	2.41E-03	2.30E-03
2371	495161.06, 3860101.99	0.09322	2.32E-03	2.38E-03	2.26E-03
2372	495211.06, 3860101.99	0.09162	2.28E-03	2.34E-03	2.23E-03
2373	495261.06, 3860101.99	0.09003	2.24E-03	2.30E-03	2.19E-03
2374	495311.06, 3860101.99	0.08866	2.21E-03	2.26E-03	2.15E-03
2375	495361.06, 3860101.99	0.08759	2.18E-03	2.23E-03	2.13E-03
2376	495411.06, 3860101.99	0.08609	2.14E-03	2.19E-03	2.09E-03
2377	495461.06, 3860101.99	0.08419	2.10E-03	2.15E-03	2.04E-03
2378	495511.06, 3860101.99	0.08322	2.07E-03	2.12E-03	2.02E-03
2379	495561.06, 3860101.99	0.08225	2.05E-03	2.10E-03	2.00E-03
2380	495611.06, 3860101.99	0.08047	2.00E-03	2.05E-03	1.95E-03
2381	495661.06, 3860101.99	0.07924	1.97E-03	2.02E-03	1.92E-03
2382	494861.06, 3860151.99	0.10886	2.71E-03	2.78E-03	2.64E-03
2383	494911.06, 3860151.99	0.10412	2.59E-03	2.65E-03	2.53E-03
2384	494961.06, 3860151.99	0.10203	2.54E-03	2.60E-03	2.48E-03
2385	495011.06, 3860151.99	0.09985	2.49E-03	2.55E-03	2.43E-03
2386	495061.06, 3860151.99	0.09777	2.43E-03	2.49E-03	2.37E-03
2387	495111.06, 3860151.99	0.09602	2.39E-03	2.45E-03	2.33E-03
2388	495161.06, 3860151.99	0.09444	2.35E-03	2.41E-03	2.29E-03
2389	495211.06, 3860151.99	0.09272	2.31E-03	2.36E-03	2.25E-03
2390	495261.06, 3860151.99	0.09129	2.27E-03	2.33E-03	2.22E-03
2391	495311.06, 3860151.99	0.08986	2.24E-03	2.29E-03	2.18E-03
2392	495361.06, 3860151.99	0.08854	2.21E-03	2.26E-03	2.15E-03
2393	495411.06, 3860151.99	0.08707	2.17E-03	2.22E-03	2.11E-03
2394	495461.06, 3860151.99	0.08569	2.13E-03	2.18E-03	2.08E-03
2395	495511.06, 3860151.99	0.08414	2.10E-03	2.14E-03	2.04E-03
2396	495561.06, 3860151.99	0.08296	2.07E-03	2.11E-03	2.02E-03
2397	495611.06, 3860151.99	0.08152	2.03E-03	2.08E-03	1.98E-03
2398	495661.06, 3860151.99	0.08001	1.99E-03	2.04E-03	1.94E-03
2399	495718.25, 3859442.96	0.05694	1.42E-03	1.45E-03	1.38E-03
2400	495818.25, 3859442.96	0.05528	1.38E-03	1.41E-03	1.34E-03
2401	495918.25, 3859442.96	0.054	1.34E-03	1.38E-03	1.31E-03
2402	496018.25, 3859442.96	0.05288	1.32E-03	1.35E-03	1.28E-03
2403	496118.25, 3859442.96	0.05282	1.32E-03	1.35E-03	1.28E-03
2404	496218.25, 3859442.96	0.05263	1.31E-03	1.34E-03	1.28E-03
2405	496318.25, 3859442.96	0.05164	1.29E-03	1.32E-03	1.25E-03
2406	496418.25, 3859442.96	0.05061	1.26E-03	1.29E-03	1.23E-03
2407	495718.25, 3859542.96	0.06054	1.51E-03	1.54E-03	1.47E-03
2408	495818.25, 3859542.96	0.05904	1.47E-03	1.51E-03	1.43E-03
2409	495918.25, 3859542.96	0.05735	1.43E-03	1.46E-03	1.39E-03
2410	496018.25, 3859542.96	0.05591	1.39E-03	1.43E-03	1.36E-03
2411	496118.25, 3859542.96	0.05578	1.39E-03	1.42E-03	1.35E-03
2412	496218.25, 3859542.96	0.05531	1.38E-03	1.41E-03	1.34E-03
2413	496318.25, 3859542.96	0.05463	1.36E-03	1.39E-03	1.33E-03
2414	496418.25, 3859542.96	0.05324	1.33E-03	1.36E-03	1.29E-03
2415	495718.25, 3859642.96	0.06374	1.59E-03	1.62E-03	1.55E-03

2416	495818.25, 3859642.96	0.06188	1.54E-03	1.58E-03	1.50E-03
2417	495918.25, 3859642.96	0.06053	1.51E-03	1.54E-03	1.47E-03
2418	496018.25, 3859642.96	0.05893	1.47E-03	1.50E-03	1.43E-03
2419	496118.25, 3859642.96	0.05896	1.47E-03	1.50E-03	1.43E-03
2420	496218.25, 3859642.96	0.05858	1.46E-03	1.49E-03	1.42E-03
2421	496318.25, 3859642.96	0.05723	1.43E-03	1.46E-03	1.39E-03
2422	496418.25, 3859642.96	0.05386	1.34E-03	1.37E-03	1.31E-03
2423	495718.25, 3859742.96	0.06766	1.69E-03	1.72E-03	1.64E-03
2424	495818.25, 3859742.96	0.06533	1.63E-03	1.67E-03	1.59E-03
2425	495918.25, 3859742.96	0.06355	1.58E-03	1.62E-03	1.54E-03
2426	496018.25, 3859742.96	0.06173	1.54E-03	1.57E-03	1.50E-03
2427	496118.25, 3859742.96	0.06151	1.53E-03	1.57E-03	1.49E-03
2428	496218.25, 3859742.96	0.0616	1.53E-03	1.57E-03	1.50E-03
2429	496318.25, 3859742.96	0.05826	1.45E-03	1.49E-03	1.42E-03
2430	496418.25, 3859742.96	0.05521	1.37E-03	1.41E-03	1.34E-03
2431	495718.25, 3859842.96	0.071	1.77E-03	1.81E-03	1.72E-03
2432	495818.25, 3859842.96	0.0689	1.72E-03	1.76E-03	1.67E-03
2433	495918.25, 3859842.96	0.06684	1.66E-03	1.70E-03	1.62E-03
2434	496018.25, 3859842.96	0.06543	1.63E-03	1.67E-03	1.59E-03
2435	496118.25, 3859842.96	0.06558	1.63E-03	1.67E-03	1.59E-03
2436	496218.25, 3859842.96	0.06223	1.55E-03	1.59E-03	1.51E-03
2437	496318.25, 3859842.96	0.05667	1.41E-03	1.44E-03	1.38E-03
2438	496418.25, 3859842.96	0.0533	1.33E-03	1.36E-03	1.29E-03
2439	495718.25, 3859942.96	0.07387	1.84E-03	1.88E-03	1.79E-03
2440	495818.25, 3859942.96	0.07148	1.78E-03	1.82E-03	1.74E-03
2441	495918.25, 3859942.96	0.0697	1.74E-03	1.78E-03	1.69E-03
2442	496018.25, 3859942.96	0.0692	1.72E-03	1.76E-03	1.68E-03
2443	496118.25, 3859942.96	0.0661	1.65E-03	1.69E-03	1.61E-03
2444	496218.25, 3859942.96	0.06179	1.54E-03	1.58E-03	1.50E-03
2445	496318.25, 3859942.96	0.05778	1.44E-03	1.47E-03	1.40E-03
2446	496418.25, 3859942.96	0.05317	1.32E-03	1.36E-03	1.29E-03
2447	496856.82, 3858864.83	0.0336	8.37E-04	8.57E-04	8.16E-04
2448	496956.82, 3858864.83	0.033	8.22E-04	8.41E-04	8.02E-04
2449	497056.82, 3858864.83	0.03244	8.08E-04	8.27E-04	7.88E-04
2450	497156.82, 3858864.83	0.03178	7.91E-04	8.10E-04	7.72E-04
2451	497256.82, 3858864.83	0.03149	7.84E-04	8.03E-04	7.65E-04
2452	496856.82, 3858964.83	0.0357	8.89E-04	9.10E-04	8.67E-04
2453	496956.82, 3858964.83	0.03482	8.67E-04	8.88E-04	8.46E-04
2454	497056.82, 3858964.83	0.03414	8.50E-04	8.70E-04	8.29E-04
2455	497156.82, 3858964.83	0.03345	8.33E-04	8.53E-04	8.12E-04
2456	497256.82, 3858964.83	0.03352	8.35E-04	8.55E-04	8.14E-04
2457	496856.82, 3859064.83	0.03739	9.31E-04	9.53E-04	9.08E-04
2458	496956.82, 3859064.83	0.03658	9.11E-04	9.33E-04	8.88E-04
2459	497056.82, 3859064.83	0.03589	8.94E-04	9.15E-04	8.72E-04
2460	497156.82, 3859064.83	0.03527	8.78E-04	8.99E-04	8.57E-04
2461	497256.82, 3859064.83	0.03559	8.86E-04	9.07E-04	8.64E-04
2462	496856.82, 3859164.83	0.03873	9.65E-04	9.87E-04	9.41E-04
2463	496956.82, 3859164.83	0.03781	9.42E-04	9.64E-04	9.18E-04
2464	497056.82, 3859164.83	0.03729	9.29E-04	9.51E-04	9.06E-04
2465	497156.82, 3859164.83	0.03722	9.27E-04	9.49E-04	9.04E-04
2466	497256.82, 3859164.83	0.03771	9.39E-04	9.61E-04	9.16E-04
2467	496856.82, 3859264.83	0.03977	9.90E-04	1.01E-03	9.66E-04
2468	496956.82, 3859264.83	0.03937	9.80E-04	1.00E-03	9.56E-04
2469	497056.82, 3859264.83	0.03932	9.79E-04	1.00E-03	9.55E-04
2470	497156.82, 3859264.83	0.03921	9.77E-04	1.00E-03	9.52E-04
2471	497256.82, 3859264.83	0.03956	9.85E-04	1.01E-03	9.61E-04
2472	497088.92, 3858620.93	0.02785	6.94E-04	7.10E-04	6.76E-04
2473	497138.92, 3858620.93	0.02779	6.92E-04	7.08E-04	6.75E-04
2474	497188.92, 3858620.93	0.02768	6.89E-04	7.06E-04	6.72E-04

2475	497238.92, 3858620.93	0.02753	6.86E-04	7.02E-04	6.69E-04
2476	497088.92, 3858670.93	0.0285	7.10E-04	7.27E-04	6.92E-04
2477	497138.92, 3858670.93	0.02856	7.11E-04	7.28E-04	6.94E-04
2478	497188.92, 3858670.93	0.02832	7.05E-04	7.22E-04	6.88E-04
2479	497238.92, 3858670.93	0.02824	7.03E-04	7.20E-04	6.86E-04
2480	497088.92, 3858720.93	0.02958	7.37E-04	7.54E-04	7.18E-04
2481	497138.92, 3858720.93	0.02895	7.21E-04	7.38E-04	7.03E-04
2482	497188.92, 3858720.93	0.02878	7.17E-04	7.34E-04	6.99E-04
2483	497238.92, 3858720.93	0.02903	7.23E-04	7.40E-04	7.05E-04
2484	497088.92, 3858770.93	0.03029	7.54E-04	7.72E-04	7.36E-04
2485	497138.92, 3858770.93	0.02998	7.47E-04	7.64E-04	7.28E-04
2486	497188.92, 3858770.93	0.02966	7.39E-04	7.56E-04	7.20E-04
2487	497238.92, 3858770.93	0.02984	7.43E-04	7.61E-04	7.25E-04
2488	497396.65, 3858622.63	0.02837	7.07E-04	7.23E-04	6.89E-04
2489	497496.65, 3858622.63	0.02882	7.18E-04	7.35E-04	7.00E-04
2490	497596.65, 3858622.63	0.02967	7.39E-04	7.56E-04	7.21E-04
2491	497696.65, 3858622.63	0.02998	7.47E-04	7.64E-04	7.28E-04
2492	497796.65, 3858622.63	0.03055	7.61E-04	7.79E-04	7.42E-04
2493	497896.65, 3858622.63	0.03114	7.76E-04	7.94E-04	7.56E-04
2494	497396.65, 3858722.63	0.03003	7.48E-04	7.66E-04	7.29E-04
2495	497496.65, 3858722.63	0.03048	7.59E-04	7.77E-04	7.40E-04
2496	497596.65, 3858722.63	0.03135	7.81E-04	7.99E-04	7.61E-04
2497	497696.65, 3858722.63	0.03181	7.92E-04	8.11E-04	7.73E-04
2498	497796.65, 3858722.63	0.03202	7.97E-04	8.16E-04	7.78E-04
2499	497896.65, 3858722.63	0.03241	8.07E-04	8.26E-04	7.87E-04
2500	497396.65, 3858822.63	0.03149	7.84E-04	8.03E-04	7.65E-04
2501	497496.65, 3858822.63	0.03184	7.93E-04	8.12E-04	7.73E-04
2502	497596.65, 3858822.63	0.03277	8.16E-04	8.35E-04	7.96E-04
2503	497696.65, 3858822.63	0.03319	8.27E-04	8.46E-04	8.06E-04
2504	497796.65, 3858822.63	0.0333	8.29E-04	8.49E-04	8.09E-04
2505	497896.65, 3858822.63	0.03412	8.50E-04	8.70E-04	8.29E-04
2506	497396.65, 3858922.63	0.03305	8.23E-04	8.43E-04	8.03E-04
2507	497496.65, 3858922.63	0.03392	8.45E-04	8.65E-04	8.24E-04
2508	497596.65, 3858922.63	0.03374	8.40E-04	8.60E-04	8.20E-04
2509	497696.65, 3858922.63	0.0347	8.64E-04	8.85E-04	8.43E-04
2510	497796.65, 3858922.63	0.03534	8.80E-04	9.01E-04	8.58E-04
2511	497896.65, 3858922.63	0.03625	9.03E-04	9.24E-04	8.80E-04
2512	497364.44, 3858201.52	0.02351	5.86E-04	5.99E-04	5.71E-04
2513	497414.44, 3858201.52	0.0237	5.90E-04	6.04E-04	5.76E-04
2514	497464.44, 3858201.52	0.02391	5.95E-04	6.10E-04	5.81E-04
2515	497514.44, 3858201.52	0.02407	5.99E-04	6.14E-04	5.85E-04
2516	497564.44, 3858201.52	0.02402	5.98E-04	6.12E-04	5.83E-04
2517	497614.44, 3858201.52	0.02408	6.00E-04	6.14E-04	5.85E-04
2518	497364.44, 3858251.52	0.02425	6.04E-04	6.18E-04	5.89E-04
2519	497414.44, 3858251.52	0.02457	6.12E-04	6.26E-04	5.97E-04
2520	497464.44, 3858251.52	0.02442	6.08E-04	6.23E-04	5.93E-04
2521	497514.44, 3858251.52	0.02423	6.03E-04	6.18E-04	5.89E-04
2522	497564.44, 3858251.52	0.02419	6.02E-04	6.17E-04	5.88E-04
2523	497614.44, 3858251.52	0.02415	6.01E-04	6.16E-04	5.87E-04
2524	497364.44, 3858301.52	0.02471	6.15E-04	6.30E-04	6.00E-04
2525	497414.44, 3858301.52	0.02493	6.21E-04	6.36E-04	6.06E-04
2526	497464.44, 3858301.52	0.02472	6.16E-04	6.30E-04	6.00E-04
2527	497514.44, 3858301.52	0.02459	6.12E-04	6.27E-04	5.97E-04
2528	497564.44, 3858301.52	0.02438	6.07E-04	6.22E-04	5.92E-04
2529	497614.44, 3858301.52	0.02432	6.06E-04	6.20E-04	5.91E-04
2530	497364.44, 3858351.52	0.02528	6.30E-04	6.44E-04	6.14E-04
2531	497414.44, 3858351.52	0.02515	6.26E-04	6.41E-04	6.11E-04
2532	497464.44, 3858351.52	0.02511	6.25E-04	6.40E-04	6.10E-04
2533	497514.44, 3858351.52	0.025	6.23E-04	6.37E-04	6.07E-04

2534	497564.44, 3858351.52	0.02472	6.16E-04	6.30E-04	6.00E-04
2535	497614.44, 3858351.52	0.02467	6.14E-04	6.29E-04	5.99E-04
2536	497364.44, 3858401.52	0.02543	6.33E-04	6.48E-04	6.18E-04
2537	497414.44, 3858401.52	0.02548	6.35E-04	6.50E-04	6.19E-04
2538	497464.44, 3858401.52	0.02533	6.31E-04	6.46E-04	6.15E-04
2539	497514.44, 3858401.52	0.02525	6.29E-04	6.44E-04	6.13E-04
2540	497564.44, 3858401.52	0.02548	6.35E-04	6.50E-04	6.19E-04
2541	497614.44, 3858401.52	0.02563	6.38E-04	6.53E-04	6.23E-04
2542	493478.11, 3860497.94	0.18395	4.58E-03	4.69E-03	4.47E-03
2543	493528.11, 3860497.94	0.17907	4.46E-03	4.56E-03	4.35E-03
2544	493478.11, 3860547.94	0.17751	4.42E-03	4.53E-03	4.31E-03
2545	493528.11, 3860547.94	0.17293	4.31E-03	4.41E-03	4.20E-03
2546	493478.11, 3860597.94	0.17032	4.24E-03	4.34E-03	4.14E-03
2547	493528.11, 3860597.94	0.16599	4.13E-03	4.23E-03	4.03E-03
2548	493561.88, 3860524.64	0.17279	4.30E-03	4.40E-03	4.20E-03
2549	493591.88, 3860524.64	0.1701	4.24E-03	4.34E-03	4.13E-03
2550	493561.88, 3860554.64	0.16904	4.21E-03	4.31E-03	4.11E-03
2551	493591.88, 3860554.64	0.16653	4.15E-03	4.25E-03	4.04E-03
2552	492880.5, 3860293.11	0.30572	7.61E-03	7.79E-03	7.43E-03
2553	492930.5, 3860293.11	0.29252	7.29E-03	7.46E-03	7.11E-03
2554	492980.5, 3860293.11	0.27995	6.97E-03	7.14E-03	6.80E-03
2555	493030.5, 3860293.11	0.26316	6.55E-03	6.71E-03	6.39E-03
2556	493080.5, 3860293.11	0.2437	6.07E-03	6.21E-03	5.92E-03
2557	493130.5, 3860293.11	0.24308	6.05E-03	6.20E-03	5.90E-03
2558	493180.5, 3860293.11	0.23946	5.96E-03	6.10E-03	5.82E-03
2559	493230.5, 3860293.11	0.23249	5.79E-03	5.93E-03	5.65E-03
2560	493280.5, 3860293.11	0.22263	5.54E-03	5.68E-03	5.41E-03
2561	493330.5, 3860293.11	0.21462	5.35E-03	5.47E-03	5.21E-03
2562	493380.5, 3860293.11	0.20779	5.17E-03	5.30E-03	5.05E-03
2563	492880.5, 3860343.11	0.30377	7.57E-03	7.74E-03	7.38E-03
2564	492930.5, 3860343.11	0.2911	7.25E-03	7.42E-03	7.07E-03
2565	492980.5, 3860343.11	0.2742	6.83E-03	6.99E-03	6.66E-03
2566	493030.5, 3860343.11	0.26359	6.56E-03	6.72E-03	6.40E-03
2567	493080.5, 3860343.11	0.24746	6.16E-03	6.31E-03	6.01E-03
2568	493130.5, 3860343.11	0.24128	6.01E-03	6.15E-03	5.86E-03
2569	493180.5, 3860343.11	0.23742	5.91E-03	6.05E-03	5.77E-03
2570	493230.5, 3860343.11	0.23014	5.73E-03	5.87E-03	5.59E-03
2571	493280.5, 3860343.11	0.22084	5.50E-03	5.63E-03	5.36E-03
2572	493330.5, 3860343.11	0.2126	5.29E-03	5.42E-03	5.16E-03
2573	493380.5, 3860343.11	0.20611	5.13E-03	5.25E-03	5.01E-03
2574	492880.5, 3860393.11	0.29804	7.42E-03	7.60E-03	7.24E-03
2575	492930.5, 3860393.11	0.28553	7.11E-03	7.28E-03	6.94E-03
2576	492980.5, 3860393.11	0.27246	6.79E-03	6.95E-03	6.62E-03
2577	493030.5, 3860393.11	0.26046	6.49E-03	6.64E-03	6.33E-03
2578	493080.5, 3860393.11	0.24552	6.11E-03	6.26E-03	5.96E-03
2579	493130.5, 3860393.11	0.23953	5.97E-03	6.11E-03	5.82E-03
2580	493180.5, 3860393.11	0.2344	5.84E-03	5.98E-03	5.69E-03
2581	493230.5, 3860393.11	0.22644	5.64E-03	5.77E-03	5.50E-03
2582	493280.5, 3860393.11	0.2172	5.41E-03	5.54E-03	5.28E-03
2583	493330.5, 3860393.11	0.20938	5.21E-03	5.34E-03	5.09E-03
2584	493380.5, 3860393.11	0.20286	5.05E-03	5.17E-03	4.93E-03
2585	492880.5, 3860443.11	0.28839	7.18E-03	7.35E-03	7.00E-03
2586	492930.5, 3860443.11	0.2767	6.89E-03	7.05E-03	6.72E-03
2587	492980.5, 3860443.11	0.26576	6.62E-03	6.77E-03	6.46E-03
2588	493030.5, 3860443.11	0.25485	6.35E-03	6.50E-03	6.19E-03
2589	493080.5, 3860443.11	0.24521	6.11E-03	6.25E-03	5.96E-03
2590	493130.5, 3860443.11	0.23628	5.88E-03	6.02E-03	5.74E-03
2591	493180.5, 3860443.11	0.22945	5.71E-03	5.85E-03	5.57E-03
2592	493230.5, 3860443.11	0.22058	5.49E-03	5.62E-03	5.36E-03

2593	493280.5, 3860443.11	0.21273	5.30E-03	5.42E-03	5.17E-03
2594	493330.5, 3860443.11	0.20448	5.09E-03	5.21E-03	4.97E-03
2595	493380.5, 3860443.11	0.19888	4.95E-03	5.07E-03	4.83E-03
2596	493180.5, 3860493.11	0.22128	5.51E-03	5.64E-03	5.37E-03
2597	493230.5, 3860493.11	0.21373	5.32E-03	5.45E-03	5.19E-03
2598	493280.5, 3860493.11	0.20641	5.14E-03	5.26E-03	5.01E-03
2599	493330.5, 3860493.11	0.19969	4.97E-03	5.09E-03	4.85E-03
2600	493380.5, 3860493.11	0.19419	4.84E-03	4.95E-03	4.72E-03
2601	493330.5, 3860543.11	0.19275	4.80E-03	4.91E-03	4.68E-03
2602	493380.5, 3860543.11	0.18758	4.67E-03	4.78E-03	4.56E-03
2603	494135.94, 3860876.85	0.10302	2.57E-03	2.63E-03	2.50E-03
2604	494185.94, 3860876.85	0.1015	2.53E-03	2.59E-03	2.47E-03
2605	494135.94, 3860926.85	0.09852	2.45E-03	2.51E-03	2.39E-03
2606	494185.94, 3860926.85	0.09721	2.42E-03	2.48E-03	2.36E-03
2607	494135.94, 3860976.85	0.09412	2.34E-03	2.40E-03	2.29E-03
2608	494185.94, 3860976.85	0.09298	2.32E-03	2.37E-03	2.26E-03
2609	494135.94, 3861026.85	0.08975	2.24E-03	2.29E-03	2.18E-03
2610	494185.94, 3861026.85	0.08877	2.21E-03	2.26E-03	2.16E-03
2611	494135.94, 3861076.85	0.08555	2.13E-03	2.18E-03	2.08E-03
2612	494185.94, 3861076.85	0.08467	2.11E-03	2.16E-03	2.06E-03
2613	490360.04, 3858710.04	0.16059	4.00E-03	4.09E-03	3.90E-03
2614	490410.04, 3858710.04	0.15672	3.90E-03	4.00E-03	3.81E-03
2615	490460.04, 3858710.04	0.15116	3.76E-03	3.85E-03	3.67E-03
2616	490510.04, 3858710.04	0.14749	3.67E-03	3.76E-03	3.58E-03
2617	490560.04, 3858710.04	0.14447	3.60E-03	3.68E-03	3.51E-03
2618	490610.04, 3858710.04	0.14124	3.52E-03	3.60E-03	3.43E-03
2619	490660.04, 3858710.04	0.13968	3.48E-03	3.56E-03	3.39E-03
2620	490710.04, 3858710.04	0.13557	3.38E-03	3.46E-03	3.29E-03
2621	490760.04, 3858710.04	0.13218	3.29E-03	3.37E-03	3.21E-03
2622	490810.04, 3858710.04	0.12884	3.21E-03	3.28E-03	3.13E-03
2623	490860.04, 3858710.04	0.1246	3.10E-03	3.18E-03	3.03E-03
2624	490360.04, 3858760.04	0.18078	4.50E-03	4.61E-03	4.39E-03
2625	490410.04, 3858760.04	0.17532	4.37E-03	4.47E-03	4.26E-03
2626	490460.04, 3858760.04	0.16942	4.22E-03	4.32E-03	4.12E-03
2627	490510.04, 3858760.04	0.16341	4.07E-03	4.17E-03	3.97E-03
2628	490560.04, 3858760.04	0.15886	3.96E-03	4.05E-03	3.86E-03
2629	490610.04, 3858760.04	0.15405	3.84E-03	3.93E-03	3.74E-03
2630	490660.04, 3858760.04	0.14994	3.73E-03	3.82E-03	3.64E-03
2631	490710.04, 3858760.04	0.14588	3.63E-03	3.72E-03	3.54E-03
2632	490760.04, 3858760.04	0.14112	3.51E-03	3.60E-03	3.43E-03
2633	490810.04, 3858760.04	0.13683	3.41E-03	3.49E-03	3.32E-03
2634	490860.04, 3858760.04	0.13325	3.32E-03	3.40E-03	3.24E-03
2635	490360.04, 3858810.04	0.20178	5.03E-03	5.14E-03	4.90E-03
2636	490410.04, 3858810.04	0.19453	4.84E-03	4.96E-03	4.72E-03
2637	490460.04, 3858810.04	0.18727	4.66E-03	4.77E-03	4.55E-03
2638	490510.04, 3858810.04	0.18176	4.53E-03	4.63E-03	4.41E-03
2639	490560.04, 3858810.04	0.17604	4.38E-03	4.49E-03	4.28E-03
2640	490610.04, 3858810.04	0.16889	4.21E-03	4.31E-03	4.10E-03
2641	490660.04, 3858810.04	0.16331	4.07E-03	4.16E-03	3.97E-03
2642	490710.04, 3858810.04	0.15741	3.92E-03	4.01E-03	3.82E-03
2643	490760.04, 3858810.04	0.15035	3.74E-03	3.83E-03	3.65E-03
2644	490810.04, 3858810.04	0.14735	3.67E-03	3.76E-03	3.58E-03
2645	490860.04, 3858810.04	0.14206	3.54E-03	3.62E-03	3.45E-03
2646	490360.04, 3858860.04	0.22275	5.55E-03	5.68E-03	5.41E-03
2647	490410.04, 3858860.04	0.21673	5.40E-03	5.52E-03	5.26E-03
2648	490460.04, 3858860.04	0.20697	5.15E-03	5.28E-03	5.03E-03
2649	490510.04, 3858860.04	0.20181	5.03E-03	5.14E-03	4.90E-03
2650	490560.04, 3858860.04	0.19361	4.82E-03	4.94E-03	4.70E-03
2651	490610.04, 3858860.04	0.18343	4.57E-03	4.68E-03	4.46E-03

2652	490660.04, 3858860.04	0.17695	4.41E-03	4.51E-03	4.30E-03
2653	490710.04, 3858860.04	0.17202	4.28E-03	4.39E-03	4.18E-03
2654	490760.04, 3858860.04	0.16399	4.08E-03	4.18E-03	3.98E-03
2655	490810.04, 3858860.04	0.15697	3.91E-03	4.00E-03	3.81E-03
2656	490860.04, 3858860.04	0.15016	3.74E-03	3.83E-03	3.65E-03
2657	490360.04, 3858910.04	0.25188	6.27E-03	6.42E-03	6.12E-03
2658	490410.04, 3858910.04	0.24175	6.02E-03	6.16E-03	5.87E-03
2659	490460.04, 3858910.04	0.23141	5.76E-03	5.90E-03	5.62E-03
2660	490510.04, 3858910.04	0.22087	5.50E-03	5.63E-03	5.36E-03
2661	490560.04, 3858910.04	0.21017	5.23E-03	5.36E-03	5.10E-03
2662	490610.04, 3858910.04	0.19987	4.98E-03	5.10E-03	4.85E-03
2663	490660.04, 3858910.04	0.1919	4.78E-03	4.89E-03	4.66E-03
2664	490710.04, 3858910.04	0.1832	4.56E-03	4.67E-03	4.45E-03
2665	490760.04, 3858910.04	0.17364	4.32E-03	4.43E-03	4.22E-03
2666	490810.04, 3858910.04	0.16711	4.16E-03	4.26E-03	4.06E-03
2667	490860.04, 3858910.04	0.15861	3.95E-03	4.04E-03	3.85E-03
2668	490360.04, 3858960.04	0.27927	6.96E-03	7.12E-03	6.78E-03
2669	490410.04, 3858960.04	0.26547	6.61E-03	6.77E-03	6.45E-03
2670	490460.04, 3858960.04	0.25148	6.26E-03	6.41E-03	6.11E-03
2671	490510.04, 3858960.04	0.2394	5.96E-03	6.10E-03	5.81E-03
2672	490560.04, 3858960.04	0.22803	5.68E-03	5.81E-03	5.54E-03
2673	490610.04, 3858960.04	0.21461	5.34E-03	5.47E-03	5.21E-03
2674	490660.04, 3858960.04	0.20786	5.18E-03	5.30E-03	5.05E-03
2675	490710.04, 3858960.04	0.19602	4.88E-03	5.00E-03	4.76E-03
2676	490760.04, 3858960.04	0.18625	4.64E-03	4.75E-03	4.52E-03
2677	490810.04, 3858960.04	0.17704	4.41E-03	4.51E-03	4.30E-03
2678	490860.04, 3858960.04	0.16719	4.16E-03	4.26E-03	4.06E-03
2679	490360.04, 3859010.04	0.30891	7.69E-03	7.87E-03	7.50E-03
2680	490410.04, 3859010.04	0.29112	7.25E-03	7.42E-03	7.07E-03
2681	490460.04, 3859010.04	0.27182	6.77E-03	6.93E-03	6.60E-03
2682	490510.04, 3859010.04	0.25442	6.34E-03	6.49E-03	6.18E-03
2683	490560.04, 3859010.04	0.24435	6.09E-03	6.23E-03	5.94E-03
2684	490610.04, 3859010.04	0.22946	5.71E-03	5.85E-03	5.57E-03
2685	490660.04, 3859010.04	0.22208	5.53E-03	5.66E-03	5.39E-03
2686	490710.04, 3859010.04	0.20838	5.19E-03	5.31E-03	5.06E-03
2687	490760.04, 3859010.04	0.1969	4.90E-03	5.02E-03	4.78E-03
2688	490810.04, 3859010.04	0.18618	4.64E-03	4.75E-03	4.52E-03
2689	490860.04, 3859010.04	0.17707	4.41E-03	4.51E-03	4.30E-03
2690	490360.04, 3859060.04	0.33926	8.45E-03	8.65E-03	8.24E-03
2691	490410.04, 3859060.04	0.3131	7.80E-03	7.98E-03	7.60E-03
2692	490460.04, 3859060.04	0.29271	7.29E-03	7.46E-03	7.11E-03
2693	490510.04, 3859060.04	0.27568	6.87E-03	7.03E-03	6.70E-03
2694	490560.04, 3859060.04	0.25743	6.41E-03	6.56E-03	6.25E-03
2695	490610.04, 3859060.04	0.24531	6.11E-03	6.25E-03	5.96E-03
2696	490660.04, 3859060.04	0.23452	5.84E-03	5.98E-03	5.70E-03
2697	490710.04, 3859060.04	0.21939	5.46E-03	5.59E-03	5.33E-03
2698	490760.04, 3859060.04	0.20676	5.15E-03	5.27E-03	5.02E-03
2699	490810.04, 3859060.04	0.19489	4.85E-03	4.97E-03	4.73E-03
2700	490860.04, 3859060.04	0.18494	4.61E-03	4.71E-03	4.49E-03
2701	490360.04, 3859110.04	0.37638	9.37E-03	9.59E-03	9.14E-03
2702	490410.04, 3859110.04	0.34549	8.60E-03	8.81E-03	8.39E-03
2703	490460.04, 3859110.04	0.32408	8.07E-03	8.26E-03	7.87E-03
2704	490510.04, 3859110.04	0.29401	7.32E-03	7.50E-03	7.14E-03
2705	490560.04, 3859110.04	0.27555	6.86E-03	7.02E-03	6.69E-03
2706	490610.04, 3859110.04	0.25741	6.41E-03	6.56E-03	6.25E-03
2707	490660.04, 3859110.04	0.23944	5.96E-03	6.10E-03	5.82E-03
2708	490710.04, 3859110.04	0.22833	5.69E-03	5.82E-03	5.55E-03
2709	490760.04, 3859110.04	0.21576	5.37E-03	5.50E-03	5.24E-03
2710	490810.04, 3859110.04	0.20244	5.04E-03	5.16E-03	4.92E-03

2711	490860.04, 3859110.04	0.19066	4.75E-03	4.86E-03	4.63E-03
2712	490360.04, 3859160.04	0.42051	1.05E-02	1.07E-02	1.02E-02
2713	490410.04, 3859160.04	0.38533	9.60E-03	9.82E-03	9.36E-03
2714	490460.04, 3859160.04	0.3555	8.85E-03	9.06E-03	8.63E-03
2715	490510.04, 3859160.04	0.32789	8.17E-03	8.36E-03	7.96E-03
2716	490560.04, 3859160.04	0.29928	7.45E-03	7.63E-03	7.27E-03
2717	490610.04, 3859160.04	0.28066	6.99E-03	7.15E-03	6.82E-03
2718	490660.04, 3859160.04	0.25151	6.26E-03	6.41E-03	6.11E-03
2719	490710.04, 3859160.04	0.2386	5.94E-03	6.08E-03	5.80E-03
2720	490760.04, 3859160.04	0.22048	5.49E-03	5.62E-03	5.36E-03
2721	490810.04, 3859160.04	0.20992	5.23E-03	5.35E-03	5.10E-03
2722	490860.04, 3859160.04	0.19945	4.97E-03	5.08E-03	4.84E-03
2723	490360.04, 3859210.04	0.47026	1.17E-02	1.20E-02	1.14E-02
2724	490410.04, 3859210.04	0.44048	1.10E-02	1.12E-02	1.07E-02
2725	490460.04, 3859210.04	0.39135	9.75E-03	9.98E-03	9.51E-03
2726	490510.04, 3859210.04	0.35793	8.91E-03	9.12E-03	8.69E-03
2727	490560.04, 3859210.04	0.33449	8.33E-03	8.53E-03	8.12E-03
2728	490610.04, 3859210.04	0.30784	7.67E-03	7.85E-03	7.48E-03
2729	490660.04, 3859210.04	0.27612	6.88E-03	7.04E-03	6.71E-03
2730	490710.04, 3859210.04	0.25689	6.40E-03	6.55E-03	6.24E-03
2731	490760.04, 3859210.04	0.23798	5.93E-03	6.07E-03	5.78E-03
2732	490810.04, 3859210.04	0.23109	5.76E-03	5.89E-03	5.61E-03
2733	490860.04, 3859210.04	0.224	5.58E-03	5.71E-03	5.44E-03
2734	490360.04, 3859260.04	0.52105	1.30E-02	1.33E-02	1.27E-02
2735	490410.04, 3859260.04	0.48164	1.20E-02	1.23E-02	1.17E-02
2736	490460.04, 3859260.04	0.45002	1.12E-02	1.15E-02	1.09E-02
2737	490510.04, 3859260.04	0.41924	1.04E-02	1.07E-02	1.02E-02
2738	490560.04, 3859260.04	0.38421	9.57E-03	9.79E-03	9.33E-03
2739	490610.04, 3859260.04	0.34349	8.55E-03	8.76E-03	8.34E-03
2740	490660.04, 3859260.04	0.32934	8.20E-03	8.40E-03	8.00E-03
2741	490710.04, 3859260.04	0.30592	7.62E-03	7.80E-03	7.43E-03
2742	490760.04, 3859260.04	0.27906	6.95E-03	7.11E-03	6.78E-03
2743	490810.04, 3859260.04	0.2676	6.66E-03	6.82E-03	6.50E-03
2744	490860.04, 3859260.04	0.25685	6.40E-03	6.55E-03	6.24E-03
2745	490360.04, 3859310.04	0.59794	1.49E-02	1.52E-02	1.45E-02
2746	490410.04, 3859310.04	0.54989	1.37E-02	1.40E-02	1.34E-02
2747	490460.04, 3859310.04	0.50938	1.27E-02	1.30E-02	1.24E-02
2748	490510.04, 3859310.04	0.4779	1.19E-02	1.22E-02	1.16E-02
2749	490560.04, 3859310.04	0.44649	1.11E-02	1.14E-02	1.08E-02
2750	490610.04, 3859310.04	0.42053	1.05E-02	1.07E-02	1.02E-02
2751	490660.04, 3859310.04	0.39125	9.74E-03	9.97E-03	9.50E-03
2752	490710.04, 3859310.04	0.34997	8.72E-03	8.92E-03	8.50E-03
2753	490760.04, 3859310.04	0.32585	8.12E-03	8.31E-03	7.91E-03
2754	490810.04, 3859310.04	0.31034	7.73E-03	7.91E-03	7.54E-03
2755	490860.04, 3859310.04	0.29141	7.26E-03	7.43E-03	7.08E-03
2756	490360.04, 3859360.04	0.69396	1.73E-02	1.77E-02	1.69E-02
2757	490410.04, 3859360.04	0.64431	1.60E-02	1.64E-02	1.56E-02
2758	490460.04, 3859360.04	0.60175	1.50E-02	1.53E-02	1.46E-02
2759	490510.04, 3859360.04	0.56198	1.40E-02	1.43E-02	1.37E-02
2760	490560.04, 3859360.04	0.51702	1.29E-02	1.32E-02	1.26E-02
2761	490610.04, 3859360.04	0.47733	1.19E-02	1.22E-02	1.16E-02
2762	490660.04, 3859360.04	0.44548	1.11E-02	1.14E-02	1.08E-02
2763	490710.04, 3859360.04	0.40838	1.02E-02	1.04E-02	9.92E-03
2764	490760.04, 3859360.04	0.37375	9.31E-03	9.53E-03	9.08E-03
2765	490810.04, 3859360.04	0.3596	8.96E-03	9.17E-03	8.73E-03
2766	490860.04, 3859360.04	0.33848	8.43E-03	8.63E-03	8.22E-03
2767	490360.04, 3859410.04	0.81531	2.03E-02	2.08E-02	1.98E-02
2768	490410.04, 3859410.04	0.75675	1.88E-02	1.93E-02	1.84E-02
2769	490460.04, 3859410.04	0.7035	1.75E-02	1.79E-02	1.71E-02

2770	490510.04, 3859410.04	0.65427	1.63E-02	1.67E-02	1.59E-02
2771	490560.04, 3859410.04	0.60942	1.52E-02	1.55E-02	1.48E-02
2772	490610.04, 3859410.04	0.56733	1.41E-02	1.45E-02	1.38E-02
2773	490660.04, 3859410.04	0.51555	1.28E-02	1.31E-02	1.25E-02
2774	490710.04, 3859410.04	0.47406	1.18E-02	1.21E-02	1.15E-02
2775	490760.04, 3859410.04	0.43079	1.07E-02	1.10E-02	1.05E-02
2776	490810.04, 3859410.04	0.41244	1.03E-02	1.05E-02	1.00E-02
2777	490860.04, 3859410.04	0.39878	9.93E-03	1.02E-02	9.69E-03
2778	490360.04, 3859460.04	0.97776	2.44E-02	2.49E-02	2.37E-02
2779	490410.04, 3859460.04	0.89091	2.22E-02	2.27E-02	2.16E-02
2780	490460.04, 3859460.04	0.82512	2.05E-02	2.10E-02	2.00E-02
2781	490510.04, 3859460.04	0.76509	1.91E-02	1.95E-02	1.86E-02
2782	490560.04, 3859460.04	0.71248	1.77E-02	1.82E-02	1.73E-02
2783	490610.04, 3859460.04	0.6585	1.64E-02	1.68E-02	1.60E-02
2784	490660.04, 3859460.04	0.60624	1.51E-02	1.55E-02	1.47E-02
2785	490710.04, 3859460.04	0.564	1.40E-02	1.44E-02	1.37E-02
2786	490760.04, 3859460.04	0.52267	1.30E-02	1.33E-02	1.27E-02
2787	490810.04, 3859460.04	0.48528	1.21E-02	1.24E-02	1.18E-02
2788	490860.04, 3859460.04	0.4638	1.16E-02	1.18E-02	1.13E-02
2789	490360.04, 3859510.04	1.21799	3.03E-02	3.10E-02	2.96E-02
2790	490410.04, 3859510.04	1.10046	2.74E-02	2.81E-02	2.67E-02
2791	490460.04, 3859510.04	0.99635	2.48E-02	2.54E-02	2.42E-02
2792	490510.04, 3859510.04	0.91564	2.28E-02	2.33E-02	2.22E-02
2793	490560.04, 3859510.04	0.84581	2.11E-02	2.16E-02	2.05E-02
2794	490610.04, 3859510.04	0.77909	1.94E-02	1.99E-02	1.89E-02
2795	490660.04, 3859510.04	0.71875	1.79E-02	1.83E-02	1.75E-02
2796	490710.04, 3859510.04	0.66233	1.65E-02	1.69E-02	1.61E-02
2797	490760.04, 3859510.04	0.6134	1.53E-02	1.56E-02	1.49E-02
2798	490810.04, 3859510.04	0.57523	1.43E-02	1.47E-02	1.40E-02
2799	490860.04, 3859510.04	0.53684	1.34E-02	1.37E-02	1.30E-02
2800	490360.04, 3859560.04	1.58186	3.94E-02	4.03E-02	3.84E-02
2801	490410.04, 3859560.04	1.41139	3.52E-02	3.60E-02	3.43E-02
2802	490460.04, 3859560.04	1.27177	3.17E-02	3.24E-02	3.09E-02
2803	490510.04, 3859560.04	1.12994	2.81E-02	2.88E-02	2.74E-02
2804	490560.04, 3859560.04	1.03505	2.58E-02	2.64E-02	2.51E-02
2805	490610.04, 3859560.04	0.94358	2.35E-02	2.41E-02	2.29E-02
2806	490660.04, 3859560.04	0.86629	2.16E-02	2.21E-02	2.10E-02
2807	490710.04, 3859560.04	0.79395	1.98E-02	2.02E-02	1.93E-02
2808	490760.04, 3859560.04	0.72191	1.80E-02	1.84E-02	1.75E-02
2809	490810.04, 3859560.04	0.66678	1.66E-02	1.70E-02	1.62E-02
2810	490860.04, 3859560.04	0.61614	1.53E-02	1.57E-02	1.50E-02
2811	490187.25, 3859422.08	1.16791	2.91E-02	2.98E-02	2.84E-02
2812	490237.25, 3859422.08	1.06109	2.64E-02	2.70E-02	2.58E-02
2813	490287.25, 3859422.08	0.96691	2.41E-02	2.46E-02	2.35E-02
2814	490337.25, 3859422.08	0.87911	2.19E-02	2.24E-02	2.14E-02
2815	490187.25, 3859472.08	1.44256	3.59E-02	3.68E-02	3.50E-02
2816	490237.25, 3859472.08	1.30098	3.24E-02	3.32E-02	3.16E-02
2817	490287.25, 3859472.08	1.17394	2.92E-02	2.99E-02	2.85E-02
2818	490337.25, 3859472.08	1.06985	2.66E-02	2.73E-02	2.60E-02
2819	490297.07, 3859500.42	1.31036	3.26E-02	3.34E-02	3.18E-02
2820	490327.07, 3859500.42	1.24183	3.09E-02	3.17E-02	3.02E-02
2821	490297.07, 3859530.42	1.5366	3.83E-02	3.92E-02	3.73E-02
2822	490327.07, 3859530.42	1.44192	3.59E-02	3.68E-02	3.50E-02
2823	490319.73, 3859055.34	0.35789	8.91E-03	9.12E-03	8.69E-03
2824	490319.73, 3859105.34	0.39658	9.88E-03	1.01E-02	9.63E-03
2825	490069.73, 3859155.34	0.5974	1.49E-02	1.52E-02	1.45E-02
2826	490119.73, 3859155.34	0.56257	1.40E-02	1.43E-02	1.37E-02
2827	490269.73, 3859155.34	0.47768	1.19E-02	1.22E-02	1.16E-02
2828	490319.73, 3859155.34	0.4445	1.11E-02	1.13E-02	1.08E-02

2829	490069.73, 3859205.34	0.694	1.73E-02	1.77E-02	1.69E-02
2830	490119.73, 3859205.34	0.65565	1.63E-02	1.67E-02	1.59E-02
2831	490169.73, 3859205.34	0.61525	1.53E-02	1.57E-02	1.49E-02
2832	490219.73, 3859205.34	0.57165	1.42E-02	1.46E-02	1.39E-02
2833	490269.73, 3859205.34	0.52782	1.31E-02	1.35E-02	1.28E-02
2834	490319.73, 3859205.34	0.49499	1.23E-02	1.26E-02	1.20E-02
2835	490069.73, 3859255.34	0.80406	2.00E-02	2.05E-02	1.95E-02
2836	490119.73, 3859255.34	0.7524	1.87E-02	1.92E-02	1.83E-02
2837	490169.73, 3859255.34	0.70262	1.75E-02	1.79E-02	1.71E-02
2838	490219.73, 3859255.34	0.64889	1.62E-02	1.65E-02	1.58E-02
2839	490269.73, 3859255.34	0.60014	1.49E-02	1.53E-02	1.46E-02
2840	490319.73, 3859255.34	0.55964	1.39E-02	1.43E-02	1.36E-02
2841	490069.73, 3859305.34	0.94086	2.34E-02	2.40E-02	2.29E-02
2842	490119.73, 3859305.34	0.87474	2.18E-02	2.23E-02	2.12E-02
2843	490169.73, 3859305.34	0.81081	2.02E-02	2.07E-02	1.97E-02
2844	490219.73, 3859305.34	0.74709	1.86E-02	1.90E-02	1.81E-02
2845	490269.73, 3859305.34	0.68932	1.72E-02	1.76E-02	1.67E-02
2846	490319.73, 3859305.34	0.634	1.58E-02	1.62E-02	1.54E-02
2847	490069.73, 3859355.34	1.12944	2.81E-02	2.88E-02	2.74E-02
2848	490119.73, 3859355.34	1.03626	2.58E-02	2.64E-02	2.52E-02
2849	490169.73, 3859355.34	0.95206	2.37E-02	2.43E-02	2.31E-02
2850	490219.73, 3859355.34	0.87166	2.17E-02	2.22E-02	2.12E-02
2851	490269.73, 3859355.34	0.79917	1.99E-02	2.04E-02	1.94E-02
2852	490319.73, 3859355.34	0.73394	1.83E-02	1.87E-02	1.78E-02
2853	490069.73, 3859405.34	1.38575	3.45E-02	3.53E-02	3.37E-02
2854	490119.73, 3859405.34	1.24872	3.11E-02	3.18E-02	3.03E-02
2855	490169.73, 3859405.34	1.13334	2.82E-02	2.89E-02	2.75E-02
2856	490219.73, 3859405.34	1.0333	2.57E-02	2.63E-02	2.51E-02
2857	490269.73, 3859405.34	0.93974	2.34E-02	2.40E-02	2.28E-02
2858	490319.73, 3859405.34	0.85315	2.12E-02	2.17E-02	2.07E-02
2859	490161.89, 3859541.83	2.35783	5.87E-02	6.01E-02	5.73E-02
2860	490171.89, 3859541.83	2.2868	5.70E-02	5.83E-02	5.55E-02
2861	490161.89, 3859551.83	2.57972	6.42E-02	6.58E-02	6.27E-02
2862	490171.89, 3859551.83	2.49339	6.21E-02	6.36E-02	6.06E-02
2863	489799.72, 3859348.21	2.18616	5.44E-02	5.57E-02	5.31E-02
2864	489819.72, 3859348.21	2.03308	5.06E-02	5.18E-02	4.94E-02
2865	489799.72, 3859368.21	2.55188	6.36E-02	6.51E-02	6.20E-02
2866	489819.72, 3859368.21	2.34341	5.84E-02	5.97E-02	5.69E-02
2867	489775.41, 3859329.72	2.10221	5.24E-02	5.36E-02	5.11E-02
2868	489795.41, 3859329.72	1.9596	4.88E-02	5.00E-02	4.76E-02
2869	489775.41, 3859349.72	2.43844	6.07E-02	6.22E-02	5.92E-02
2870	489795.41, 3859349.72	2.2471	5.60E-02	5.73E-02	5.46E-02
2871	489595.05, 3859219.43	1.88219	4.69E-02	4.80E-02	4.57E-02
2872	489615.05, 3859219.43	1.76124	4.39E-02	4.49E-02	4.28E-02
2873	489595.05, 3859239.43	2.16717	5.40E-02	5.52E-02	5.26E-02
2874	489615.05, 3859239.43	2.00957	5.00E-02	5.12E-02	4.88E-02
2875	489372.4, 3859092.58	1.70884	4.26E-02	4.36E-02	4.15E-02
2876	489422.4, 3859092.58	1.46127	3.64E-02	3.73E-02	3.55E-02
2877	489372.4, 3859142.58	2.49843	6.22E-02	6.37E-02	6.07E-02
2878	489422.4, 3859142.58	2.02975	5.05E-02	5.17E-02	4.93E-02
2879	488870.84, 3858666.64	0.14258	3.55E-03	3.63E-03	3.46E-03
2880	488900.84, 3858666.64	0.14259	3.55E-03	3.63E-03	3.46E-03
2881	488870.84, 3858696.64	0.15856	3.95E-03	4.04E-03	3.85E-03
2882	488900.84, 3858696.64	0.15858	3.95E-03	4.04E-03	3.85E-03
2883	488889.67, 3858683.97	0.15138	3.77E-03	3.86E-03	3.68E-03
2884	488919.67, 3858683.97	0.15129	3.77E-03	3.86E-03	3.67E-03
2885	488889.67, 3858713.97	0.16989	4.23E-03	4.33E-03	4.13E-03
2886	488919.67, 3858713.97	0.16979	4.23E-03	4.33E-03	4.12E-03
2887	488906.61, 3858703.33	0.16271	4.05E-03	4.15E-03	3.95E-03

2888	488936.61, 3858703.33	0.16259	4.05E-03	4.14E-03	3.95E-03
2889	488906.61, 3858733.33	0.18486	4.60E-03	4.71E-03	4.49E-03
2890	488936.61, 3858733.33	0.1849	4.60E-03	4.71E-03	4.49E-03
2891	488637.63, 3858467.85	0.08578	2.14E-03	2.19E-03	2.08E-03
2892	488662.63, 3858467.85	0.08615	2.15E-03	2.20E-03	2.09E-03
2893	488637.63, 3858492.85	0.08947	2.23E-03	2.28E-03	2.17E-03
2894	488662.63, 3858492.85	0.08997	2.24E-03	2.29E-03	2.19E-03
2895	488687.63, 3858492.85	0.09036	2.25E-03	2.30E-03	2.19E-03
2896	488637.63, 3858517.85	0.09345	2.33E-03	2.38E-03	2.27E-03
2897	488662.63, 3858517.85	0.09414	2.34E-03	2.40E-03	2.29E-03
2898	488687.63, 3858517.85	0.09465	2.36E-03	2.41E-03	2.30E-03
2899	488194.42, 3857168.98	0.03267	8.14E-04	8.33E-04	7.94E-04
2900	488244.42, 3857168.98	0.03283	8.18E-04	8.37E-04	7.97E-04
2901	488294.42, 3857168.98	0.03291	8.20E-04	8.39E-04	7.99E-04
2902	488244.42, 3857218.98	0.0331	8.24E-04	8.44E-04	8.04E-04
2903	488294.42, 3857218.98	0.03324	8.28E-04	8.47E-04	8.07E-04
2904	488294.42, 3857268.98	0.03362	8.37E-04	8.57E-04	8.17E-04
2905	488139.13, 3857111.68	0.03228	8.04E-04	8.23E-04	7.84E-04
2906	488189.13, 3857111.68	0.03246	8.08E-04	8.27E-04	7.88E-04
2907	488189.13, 3857161.68	0.03262	8.12E-04	8.32E-04	7.92E-04
2908	487951.04, 3856961.26	0.0315	7.84E-04	8.03E-04	7.65E-04
2909	488001.04, 3856961.26	0.03158	7.86E-04	8.05E-04	7.67E-04
2910	488051.04, 3856961.26	0.03153	7.85E-04	8.04E-04	7.66E-04
2911	488101.04, 3856961.26	0.0317	7.89E-04	8.08E-04	7.70E-04
2912	487951.04, 3857011.26	0.03172	7.90E-04	8.09E-04	7.70E-04
2913	488001.04, 3857011.26	0.03171	7.90E-04	8.08E-04	7.70E-04
2914	488051.04, 3857011.26	0.03169	7.89E-04	8.08E-04	7.70E-04
2915	488101.04, 3857011.26	0.03188	7.94E-04	8.13E-04	7.74E-04
2916	488001.04, 3857061.26	0.03189	7.94E-04	8.13E-04	7.75E-04
2917	488051.04, 3857061.26	0.03198	7.96E-04	8.15E-04	7.77E-04
2918	488101.04, 3857061.26	0.03209	7.99E-04	8.18E-04	7.79E-04
2919	487638.98, 3856673.79	0.03038	7.57E-04	7.74E-04	7.38E-04
2920	487688.98, 3856673.79	0.03049	7.59E-04	7.77E-04	7.41E-04
2921	487638.98, 3856723.79	0.03043	7.58E-04	7.76E-04	7.39E-04
2922	487688.98, 3856723.79	0.03053	7.60E-04	7.78E-04	7.42E-04
2923	486324.61, 3855740.57	0.03305	8.23E-04	8.43E-04	8.03E-04
2924	486374.61, 3855740.57	0.03263	8.13E-04	8.32E-04	7.93E-04
2925	486424.61, 3855740.57	0.03248	8.09E-04	8.28E-04	7.89E-04
2926	486324.61, 3855790.57	0.03273	8.15E-04	8.34E-04	7.95E-04
2927	486374.61, 3855790.57	0.03234	8.05E-04	8.24E-04	7.86E-04
2928	486424.61, 3855790.57	0.03228	8.04E-04	8.23E-04	7.84E-04
2929	486324.61, 3855840.57	0.03242	8.07E-04	8.26E-04	7.87E-04
2930	486374.61, 3855840.57	0.0323	8.04E-04	8.23E-04	7.85E-04
2931	486424.61, 3855840.57	0.03211	8.00E-04	8.19E-04	7.80E-04
2932	486324.61, 3855890.57	0.0324	8.07E-04	8.26E-04	7.87E-04
2933	486374.61, 3855890.57	0.03223	8.03E-04	8.22E-04	7.83E-04
2934	486424.61, 3855890.57	0.032	7.97E-04	8.16E-04	7.77E-04
2935	488735.69, 3858285.64	0.06666	1.66E-03	1.70E-03	1.62E-03
2936	488765.69, 3858285.64	0.06686	1.67E-03	1.70E-03	1.62E-03
2937	488735.69, 3858315.64	0.06922	1.72E-03	1.76E-03	1.68E-03
2938	488765.69, 3858315.64	0.06943	1.73E-03	1.77E-03	1.69E-03
2939	478676.63, 3849871.93	0.72155	1.80E-02	1.84E-02	1.75E-02
2940	479326.63, 3849871.93	0.4446	1.11E-02	1.13E-02	1.08E-02
2941	479376.63, 3849871.93	0.43171	1.08E-02	1.10E-02	1.05E-02
2942	479426.63, 3849871.93	0.42218	1.05E-02	1.08E-02	1.03E-02
2943	478726.63, 3849921.93	0.75483	1.88E-02	1.92E-02	1.83E-02
2944	478776.63, 3849921.93	0.72303	1.80E-02	1.84E-02	1.76E-02
2945	478826.63, 3849921.93	0.69304	1.73E-02	1.77E-02	1.68E-02
2946	478976.63, 3849921.93	0.61443	1.53E-02	1.57E-02	1.49E-02

2947	479026.63, 3849921.93	0.59518	1.48E-02	1.52E-02	1.45E-02
2948	479076.63, 3849921.93	0.57452	1.43E-02	1.46E-02	1.40E-02
2949	479126.63, 3849921.93	0.55449	1.38E-02	1.41E-02	1.35E-02
2950	479176.63, 3849921.93	0.53737	1.34E-02	1.37E-02	1.31E-02
2951	479226.63, 3849921.93	0.51538	1.28E-02	1.31E-02	1.25E-02
2952	479276.63, 3849921.93	0.48612	1.21E-02	1.24E-02	1.18E-02
2953	479326.63, 3849921.93	0.48572	1.21E-02	1.24E-02	1.18E-02
2954	479376.63, 3849921.93	0.45909	1.14E-02	1.17E-02	1.12E-02
2955	479426.63, 3849921.93	0.45482	1.13E-02	1.16E-02	1.10E-02
2956	478726.63, 3849971.93	0.82841	2.06E-02	2.11E-02	2.01E-02
2957	478776.63, 3849971.93	0.79057	1.97E-02	2.02E-02	1.92E-02
2958	478826.63, 3849971.93	0.75523	1.88E-02	1.93E-02	1.83E-02
2959	478976.63, 3849971.93	0.66823	1.66E-02	1.70E-02	1.62E-02
2960	479026.63, 3849971.93	0.64161	1.60E-02	1.64E-02	1.56E-02
2961	479076.63, 3849971.93	0.61673	1.54E-02	1.57E-02	1.50E-02
2962	479126.63, 3849971.93	0.59447	1.48E-02	1.52E-02	1.44E-02
2963	479176.63, 3849971.93	0.5744	1.43E-02	1.46E-02	1.40E-02
2964	479226.63, 3849971.93	0.53801	1.34E-02	1.37E-02	1.31E-02
2965	479276.63, 3849971.93	0.53172	1.32E-02	1.36E-02	1.29E-02
2966	479326.63, 3849971.93	0.52189	1.30E-02	1.33E-02	1.27E-02
2967	479376.63, 3849971.93	0.49574	1.23E-02	1.26E-02	1.20E-02
2968	479426.63, 3849971.93	0.48434	1.21E-02	1.23E-02	1.18E-02
2969	478726.63, 3850021.93	0.91814	2.29E-02	2.34E-02	2.23E-02
2970	478776.63, 3850021.93	0.87128	2.17E-02	2.22E-02	2.12E-02
2971	478826.63, 3850021.93	0.82941	2.07E-02	2.11E-02	2.01E-02
2972	478976.63, 3850021.93	0.72548	1.81E-02	1.85E-02	1.76E-02
2973	478726.63, 3850071.93	1.03099	2.57E-02	2.63E-02	2.50E-02
2974	478776.63, 3850071.93	0.97202	2.42E-02	2.48E-02	2.36E-02
2975	478826.63, 3850071.93	0.92012	2.29E-02	2.35E-02	2.23E-02
2976	478876.63, 3850071.93	0.87356	2.18E-02	2.23E-02	2.12E-02
2977	478976.63, 3850071.93	0.79379	1.98E-02	2.02E-02	1.93E-02
2978	478726.63, 3850121.93	1.17842	2.93E-02	3.00E-02	2.86E-02
2979	478776.63, 3850121.93	1.10002	2.74E-02	2.80E-02	2.67E-02
2980	478826.63, 3850121.93	1.03301	2.57E-02	2.63E-02	2.51E-02
2981	478876.63, 3850121.93	0.97443	2.43E-02	2.48E-02	2.37E-02
2982	478976.63, 3850121.93	0.87507	2.18E-02	2.23E-02	2.13E-02
2983	479026.63, 3850121.93	0.83342	2.08E-02	2.12E-02	2.02E-02
2984	479076.63, 3850121.93	0.79528	1.98E-02	2.03E-02	1.93E-02
2985	479126.63, 3850121.93	0.75956	1.89E-02	1.94E-02	1.84E-02
2986	478776.63, 3850171.93	1.27318	3.17E-02	3.25E-02	3.09E-02
2987	478826.63, 3850171.93	1.1824	2.94E-02	3.01E-02	2.87E-02
2988	478876.63, 3850171.93	1.10437	2.75E-02	2.82E-02	2.68E-02
2989	478976.63, 3850171.93	0.97706	2.43E-02	2.49E-02	2.37E-02
2990	479026.63, 3850171.93	0.92466	2.30E-02	2.36E-02	2.25E-02
2991	479076.63, 3850171.93	0.87842	2.19E-02	2.24E-02	2.13E-02
2992	479126.63, 3850171.93	0.83543	2.08E-02	2.13E-02	2.03E-02
2993	479176.63, 3850171.93	0.79764	1.99E-02	2.03E-02	1.94E-02
2994	479226.63, 3850171.93	0.76528	1.91E-02	1.95E-02	1.86E-02
2995	479276.63, 3850171.93	0.73355	1.83E-02	1.87E-02	1.78E-02
2996	479326.63, 3850171.93	0.7056	1.76E-02	1.80E-02	1.71E-02
2997	479376.63, 3850171.93	0.67665	1.69E-02	1.72E-02	1.64E-02
2998	478676.63, 3850221.93	1.92529	4.79E-02	4.91E-02	4.68E-02
2999	478726.63, 3850221.93	1.69644	4.22E-02	4.32E-02	4.12E-02
3000	478976.63, 3850221.93	1.10675	2.76E-02	2.82E-02	2.69E-02
3001	479026.63, 3850221.93	1.03808	2.59E-02	2.65E-02	2.52E-02
3002	479076.63, 3850221.93	0.98008	2.44E-02	2.50E-02	2.38E-02
3003	479126.63, 3850221.93	0.92827	2.31E-02	2.37E-02	2.25E-02
3004	479176.63, 3850221.93	0.8808	2.19E-02	2.25E-02	2.14E-02
3005	479226.63, 3850221.93	0.83849	2.09E-02	2.14E-02	2.04E-02

3006	479276.63, 3850221.93	0.79981	1.99E-02	2.04E-02	1.94E-02
3007	479326.63, 3850221.93	0.76739	1.91E-02	1.96E-02	1.86E-02
3008	479376.63, 3850221.93	0.73636	1.83E-02	1.88E-02	1.79E-02
3009	478676.63, 3850271.93	2.68582	6.69E-02	6.85E-02	6.52E-02
3010	478726.63, 3850271.93	2.23385	5.56E-02	5.69E-02	5.43E-02
3011	478976.63, 3850271.93	1.2844	3.20E-02	3.27E-02	3.12E-02
3012	479026.63, 3850271.93	1.18797	2.96E-02	3.03E-02	2.89E-02
3013	479076.63, 3850271.93	1.10953	2.76E-02	2.83E-02	2.69E-02
3014	479126.63, 3850271.93	1.04171	2.59E-02	2.66E-02	2.53E-02
3015	479176.63, 3850271.93	0.98131	2.44E-02	2.50E-02	2.38E-02
3016	479226.63, 3850271.93	0.92751	2.31E-02	2.36E-02	2.25E-02
3017	479276.63, 3850271.93	0.88136	2.19E-02	2.25E-02	2.14E-02
3018	479326.63, 3850271.93	0.84173	2.10E-02	2.15E-02	2.04E-02
3019	479376.63, 3850271.93	0.80482	2.00E-02	2.05E-02	1.95E-02
3020	479053.24, 3850293.52	1.2174	3.03E-02	3.10E-02	2.96E-02
3021	479103.24, 3850293.52	1.1341	2.82E-02	2.89E-02	2.75E-02
3022	479153.24, 3850293.52	1.06416	2.65E-02	2.71E-02	2.58E-02
3023	479203.24, 3850293.52	1.00012	2.49E-02	2.55E-02	2.43E-02
3024	479253.24, 3850293.52	0.94529	2.35E-02	2.41E-02	2.30E-02
3025	479303.24, 3850293.52	0.89911	2.24E-02	2.29E-02	2.18E-02
3026	479353.24, 3850293.52	0.85761	2.14E-02	2.19E-02	2.08E-02
3027	479153.24, 3850343.52	1.22026	3.04E-02	3.11E-02	2.96E-02
3028	479203.24, 3850343.52	1.13566	2.83E-02	2.90E-02	2.76E-02
3029	479253.24, 3850343.52	1.06716	2.66E-02	2.72E-02	2.59E-02
3030	479303.24, 3850343.52	1.00798	2.51E-02	2.57E-02	2.45E-02
3031	479353.24, 3850343.52	0.95469	2.38E-02	2.43E-02	2.32E-02
3032	479203.24, 3850393.52	1.32506	3.30E-02	3.38E-02	3.22E-02
3033	479253.24, 3850393.52	1.22954	3.06E-02	3.13E-02	2.99E-02
3034	479303.24, 3850393.52	1.14963	2.86E-02	2.93E-02	2.79E-02
3035	479353.24, 3850393.52	1.0797	2.69E-02	2.75E-02	2.62E-02
3036	479403.24, 3850393.52	1.01691	2.53E-02	2.59E-02	2.47E-02
3037	479453.24, 3850393.52	0.96	2.39E-02	2.45E-02	2.33E-02
3038	479503.24, 3850393.52	0.90477	2.25E-02	2.31E-02	2.20E-02
3039	479303.24, 3850443.52	1.34867	3.36E-02	3.44E-02	3.28E-02
3040	479353.24, 3850443.52	1.25085	3.12E-02	3.19E-02	3.04E-02
3041	479403.24, 3850443.52	1.16459	2.90E-02	2.97E-02	2.83E-02
3042	479453.24, 3850443.52	1.08721	2.71E-02	2.77E-02	2.64E-02
3043	479503.24, 3850443.52	1.01551	2.53E-02	2.59E-02	2.47E-02
3044	480327.18, 3850987.04	1.61767	4.03E-02	4.12E-02	3.93E-02
3045	480377.18, 3850987.04	1.4729	3.67E-02	3.75E-02	3.58E-02
3046	480427.18, 3850987.04	1.35126	3.37E-02	3.44E-02	3.28E-02
3047	480477.18, 3850987.04	1.24524	3.10E-02	3.17E-02	3.02E-02
3048	480327.18, 3851037.04	2.08393	5.19E-02	5.31E-02	5.06E-02
3049	480377.18, 3851037.04	1.84307	4.59E-02	4.70E-02	4.48E-02
3050	480427.18, 3851037.04	1.64955	4.11E-02	4.21E-02	4.01E-02
3051	480477.18, 3851037.04	1.48961	3.71E-02	3.80E-02	3.62E-02
3052	480622.06, 3851087.39	1.37894	3.43E-02	3.52E-02	3.35E-02
3053	480672.06, 3851087.39	1.26782	3.16E-02	3.23E-02	3.08E-02
3054	480622.06, 3851137.39	1.69858	4.23E-02	4.33E-02	4.13E-02
3055	480672.06, 3851137.39	1.52648	3.80E-02	3.89E-02	3.71E-02
3056	480722.06, 3851137.39	1.39023	3.46E-02	3.54E-02	3.38E-02
3057	480622.06, 3851187.39	2.24293	5.59E-02	5.72E-02	5.45E-02
3058	480672.06, 3851187.39	1.93941	4.83E-02	4.94E-02	4.71E-02
3059	480722.06, 3851187.39	1.71489	4.27E-02	4.37E-02	4.17E-02
3060	471363.09, 3845877.25	0.00882	2.20E-04	2.25E-04	2.14E-04
3061	471863.09, 3845877.25	0.00854	2.13E-04	2.18E-04	2.07E-04
3062	472363.09, 3845877.25	0.01106	2.75E-04	2.82E-04	2.69E-04
3063	472863.09, 3845877.25	0.00833	2.07E-04	2.12E-04	2.02E-04
3064	473363.09, 3845877.25	0.00875	2.18E-04	2.23E-04	2.13E-04

3065	473863.09, 3845877.25	0.00916	2.28E-04	2.34E-04	2.22E-04
3066	474363.09, 3845877.25	0.01066	2.65E-04	2.72E-04	2.59E-04
3067	474863.09, 3845877.25	0.01241	3.09E-04	3.16E-04	3.01E-04
3068	475363.09, 3845877.25	0.01435	3.57E-04	3.66E-04	3.49E-04
3069	475863.09, 3845877.25	0.01479	3.68E-04	3.77E-04	3.59E-04
3070	476363.09, 3845877.25	0.01385	3.45E-04	3.53E-04	3.36E-04
3071	476863.09, 3845877.25	0.01292	3.22E-04	3.29E-04	3.14E-04
3072	477363.09, 3845877.25	0.01289	3.21E-04	3.29E-04	3.13E-04
3073	477863.09, 3845877.25	0.01223	3.05E-04	3.12E-04	2.97E-04
3074	478363.09, 3845877.25	0.01251	3.12E-04	3.19E-04	3.04E-04
3075	478863.09, 3845877.25	0.01274	3.17E-04	3.25E-04	3.09E-04
3076	479363.09, 3845877.25	0.01358	3.38E-04	3.46E-04	3.30E-04
3077	479863.09, 3845877.25	0.01366	3.40E-04	3.48E-04	3.32E-04
3078	480363.09, 3845877.25	0.01268	3.16E-04	3.23E-04	3.08E-04
3079	480863.09, 3845877.25	0.01246	3.10E-04	3.18E-04	3.03E-04
3080	481363.09, 3845877.25	0.01234	3.07E-04	3.15E-04	3.00E-04
3081	481863.09, 3845877.25	0.01184	2.95E-04	3.02E-04	2.88E-04
3082	482363.09, 3845877.25	0.01114	2.77E-04	2.84E-04	2.71E-04
3083	482863.09, 3845877.25	0.009	2.24E-04	2.29E-04	2.19E-04
3084	483363.09, 3845877.25	0.00814	2.03E-04	2.08E-04	1.98E-04
3085	483863.09, 3845877.25	0.01033	2.57E-04	2.63E-04	2.51E-04
3086	484363.09, 3845877.25	0.01052	2.62E-04	2.68E-04	2.56E-04
3087	484863.09, 3845877.25	0.01032	2.57E-04	2.63E-04	2.51E-04
3088	485363.09, 3845877.25	0.00988	2.46E-04	2.52E-04	2.40E-04
3089	485863.09, 3845877.25	0.0102	2.54E-04	2.60E-04	2.48E-04
3090	486363.09, 3845877.25	0.01009	2.51E-04	2.57E-04	2.45E-04
3091	486863.09, 3845877.25	0.00942	2.35E-04	2.40E-04	2.29E-04
3092	487363.09, 3845877.25	0.00931	2.32E-04	2.37E-04	2.26E-04
3093	487863.09, 3845877.25	0.0087	2.17E-04	2.22E-04	2.11E-04
3094	488363.09, 3845877.25	0.00845	2.10E-04	2.15E-04	2.05E-04
3095	488863.09, 3845877.25	0.00976	2.43E-04	2.49E-04	2.37E-04
3096	489363.09, 3845877.25	0.00971	2.42E-04	2.48E-04	2.36E-04
3097	489863.09, 3845877.25	0.00905	2.25E-04	2.31E-04	2.20E-04
3098	490363.09, 3845877.25	0.00814	2.03E-04	2.08E-04	1.98E-04
3099	490863.09, 3845877.25	0.00654	1.63E-04	1.67E-04	1.59E-04
3100	491363.09, 3845877.25	0.00736	1.83E-04	1.88E-04	1.79E-04
3101	491863.09, 3845877.25	0.00784	1.95E-04	2.00E-04	1.90E-04
3102	492363.09, 3845877.25	0.00666	1.66E-04	1.70E-04	1.62E-04
3103	492863.09, 3845877.25	0.0081	2.02E-04	2.06E-04	1.97E-04
3104	493363.09, 3845877.25	0.00857	2.13E-04	2.18E-04	2.08E-04
3105	493863.09, 3845877.25	0.00902	2.25E-04	2.30E-04	2.19E-04
3106	494363.09, 3845877.25	0.00929	2.31E-04	2.37E-04	2.26E-04
3107	494863.09, 3845877.25	0.00937	2.33E-04	2.39E-04	2.28E-04
3108	495363.09, 3845877.25	0.00963	2.40E-04	2.45E-04	2.34E-04
3109	495863.09, 3845877.25	0.0099	2.47E-04	2.52E-04	2.40E-04
3110	496363.09, 3845877.25	0.01014	2.53E-04	2.58E-04	2.46E-04
3111	496863.09, 3845877.25	0.01013	2.52E-04	2.58E-04	2.46E-04
3112	497363.09, 3845877.25	0.01012	2.52E-04	2.58E-04	2.46E-04
3113	497863.09, 3845877.25	0.01016	2.53E-04	2.59E-04	2.47E-04
3114	498363.09, 3845877.25	0.01009	2.51E-04	2.57E-04	2.45E-04
3115	471363.09, 3846377.25	0.02222	5.53E-04	5.66E-04	5.40E-04
3116	471863.09, 3846377.25	0.01991	4.96E-04	5.08E-04	4.84E-04
3117	472363.09, 3846377.25	0.01046	2.61E-04	2.67E-04	2.54E-04
3118	472863.09, 3846377.25	0.01174	2.92E-04	2.99E-04	2.85E-04
3119	473363.09, 3846377.25	0.01175	2.93E-04	3.00E-04	2.85E-04
3120	473863.09, 3846377.25	0.01351	3.36E-04	3.44E-04	3.28E-04
3121	474363.09, 3846377.25	0.01423	3.54E-04	3.63E-04	3.46E-04
3122	474863.09, 3846377.25	0.01619	4.03E-04	4.13E-04	3.93E-04
3123	475363.09, 3846377.25	0.01849	4.60E-04	4.71E-04	4.49E-04

3124	475863.09, 3846377.25	0.02134	5.31E-04	5.44E-04	5.18E-04
3125	476363.09, 3846377.25	0.02099	5.23E-04	5.35E-04	5.10E-04
3126	476863.09, 3846377.25	0.02076	5.17E-04	5.29E-04	5.04E-04
3127	477363.09, 3846377.25	0.02087	5.20E-04	5.32E-04	5.07E-04
3128	477863.09, 3846377.25	0.02018	5.03E-04	5.14E-04	4.90E-04
3129	478363.09, 3846377.25	0.01993	4.96E-04	5.08E-04	4.84E-04
3130	478863.09, 3846377.25	0.02084	5.19E-04	5.31E-04	5.06E-04
3131	479363.09, 3846377.25	0.02106	5.24E-04	5.37E-04	5.12E-04
3132	479863.09, 3846377.25	0.02049	5.10E-04	5.22E-04	4.98E-04
3133	480363.09, 3846377.25	0.02076	5.17E-04	5.29E-04	5.04E-04
3134	480863.09, 3846377.25	0.01869	4.65E-04	4.76E-04	4.54E-04
3135	481363.09, 3846377.25	0.0185	4.61E-04	4.72E-04	4.49E-04
3136	481863.09, 3846377.25	0.01744	4.34E-04	4.45E-04	4.24E-04
3137	482363.09, 3846377.25	0.0159	3.96E-04	4.05E-04	3.86E-04
3138	482863.09, 3846377.25	0.01358	3.38E-04	3.46E-04	3.30E-04
3139	483363.09, 3846377.25	0.01443	3.59E-04	3.68E-04	3.50E-04
3140	483863.09, 3846377.25	0.01432	3.57E-04	3.65E-04	3.48E-04
3141	484363.09, 3846377.25	0.01312	3.27E-04	3.34E-04	3.19E-04
3142	484863.09, 3846377.25	0.01453	3.62E-04	3.70E-04	3.53E-04
3143	485363.09, 3846377.25	0.01454	3.62E-04	3.71E-04	3.53E-04
3144	485863.09, 3846377.25	0.01355	3.37E-04	3.45E-04	3.29E-04
3145	486363.09, 3846377.25	0.01142	2.84E-04	2.91E-04	2.77E-04
3146	486863.09, 3846377.25	0.01086	2.70E-04	2.77E-04	2.64E-04
3147	487363.09, 3846377.25	0.01123	2.80E-04	2.86E-04	2.73E-04
3148	487863.09, 3846377.25	0.01253	3.12E-04	3.19E-04	3.04E-04
3149	488363.09, 3846377.25	0.01223	3.05E-04	3.12E-04	2.97E-04
3150	488863.09, 3846377.25	0.01208	3.01E-04	3.08E-04	2.93E-04
3151	489363.09, 3846377.25	0.01185	2.95E-04	3.02E-04	2.88E-04
3152	489863.09, 3846377.25	0.01106	2.75E-04	2.82E-04	2.69E-04
3153	490363.09, 3846377.25	0.00896	2.23E-04	2.28E-04	2.18E-04
3154	490863.09, 3846377.25	0.00815	2.03E-04	2.08E-04	1.98E-04
3155	491363.09, 3846377.25	0.00796	1.98E-04	2.03E-04	1.93E-04
3156	491863.09, 3846377.25	0.00925	2.30E-04	2.36E-04	2.25E-04
3157	492363.09, 3846377.25	0.00885	2.20E-04	2.26E-04	2.15E-04
3158	492863.09, 3846377.25	0.00892	2.22E-04	2.27E-04	2.17E-04
3159	493363.09, 3846377.25	0.00983	2.45E-04	2.51E-04	2.39E-04
3160	493863.09, 3846377.25	0.01021	2.54E-04	2.60E-04	2.48E-04
3161	494363.09, 3846377.25	0.01048	2.61E-04	2.67E-04	2.55E-04
3162	494863.09, 3846377.25	0.01065	2.65E-04	2.71E-04	2.59E-04
3163	495363.09, 3846377.25	0.01077	2.68E-04	2.75E-04	2.62E-04
3164	495863.09, 3846377.25	0.01104	2.75E-04	2.81E-04	2.68E-04
3165	496363.09, 3846377.25	0.01126	2.80E-04	2.87E-04	2.73E-04
3166	496863.09, 3846377.25	0.01137	2.83E-04	2.90E-04	2.76E-04
3167	497363.09, 3846377.25	0.0114	2.84E-04	2.91E-04	2.77E-04
3168	497863.09, 3846377.25	0.0113	2.81E-04	2.88E-04	2.74E-04
3169	498363.09, 3846377.25	0.01111	2.77E-04	2.83E-04	2.70E-04
3170	471363.09, 3846877.25	0.02416	6.02E-04	6.16E-04	5.87E-04
3171	471863.09, 3846877.25	0.02854	7.11E-04	7.28E-04	6.93E-04
3172	472363.09, 3846877.25	0.03102	7.73E-04	7.91E-04	7.53E-04
3173	472863.09, 3846877.25	0.01376	3.43E-04	3.51E-04	3.34E-04
3174	473363.09, 3846877.25	0.01734	4.32E-04	4.42E-04	4.21E-04
3175	473863.09, 3846877.25	0.02086	5.20E-04	5.32E-04	5.07E-04
3176	474363.09, 3846877.25	0.0206	5.13E-04	5.25E-04	5.00E-04
3177	474863.09, 3846877.25	0.02155	5.37E-04	5.49E-04	5.23E-04
3178	475363.09, 3846877.25	0.02295	5.72E-04	5.85E-04	5.57E-04
3179	475863.09, 3846877.25	0.03146	7.83E-04	8.02E-04	7.64E-04
3180	476363.09, 3846877.25	0.03649	9.09E-04	9.30E-04	8.86E-04
3181	476863.09, 3846877.25	0.03665	9.13E-04	9.34E-04	8.90E-04
3182	477363.09, 3846877.25	0.03673	9.15E-04	9.36E-04	8.92E-04

3183	477863.09, 3846877.25	0.03522	8.77E-04	8.98E-04	8.55E-04
3184	478363.09, 3846877.25	0.03454	8.60E-04	8.81E-04	8.39E-04
3185	478863.09, 3846877.25	0.03487	8.68E-04	8.89E-04	8.47E-04
3186	479363.09, 3846877.25	0.0335	8.34E-04	8.54E-04	8.14E-04
3187	479863.09, 3846877.25	0.02818	7.02E-04	7.18E-04	6.84E-04
3188	480363.09, 3846877.25	0.02509	6.25E-04	6.40E-04	6.09E-04
3189	480863.09, 3846877.25	0.0238	5.93E-04	6.07E-04	5.78E-04
3190	481363.09, 3846877.25	0.02477	6.17E-04	6.31E-04	6.02E-04
3191	481863.09, 3846877.25	0.02419	6.02E-04	6.17E-04	5.88E-04
3192	482363.09, 3846877.25	0.02122	5.28E-04	5.41E-04	5.15E-04
3193	482863.09, 3846877.25	0.02066	5.15E-04	5.27E-04	5.02E-04
3194	483363.09, 3846877.25	0.02005	4.99E-04	5.11E-04	4.87E-04
3195	483863.09, 3846877.25	0.01959	4.88E-04	4.99E-04	4.76E-04
3196	484363.09, 3846877.25	0.01959	4.88E-04	4.99E-04	4.76E-04
3197	484863.09, 3846877.25	0.01894	4.72E-04	4.83E-04	4.60E-04
3198	485363.09, 3846877.25	0.01893	4.71E-04	4.83E-04	4.60E-04
3199	485863.09, 3846877.25	0.01782	4.44E-04	4.54E-04	4.33E-04
3200	486363.09, 3846877.25	0.01855	4.62E-04	4.73E-04	4.51E-04
3201	486863.09, 3846877.25	0.01575	3.92E-04	4.02E-04	3.83E-04
3202	487363.09, 3846877.25	0.01599	3.98E-04	4.08E-04	3.88E-04
3203	487863.09, 3846877.25	0.01569	3.91E-04	4.00E-04	3.81E-04
3204	488363.09, 3846877.25	0.01502	3.74E-04	3.83E-04	3.65E-04
3205	488863.09, 3846877.25	0.01481	3.69E-04	3.78E-04	3.60E-04
3206	489363.09, 3846877.25	0.01455	3.62E-04	3.71E-04	3.53E-04
3207	489863.09, 3846877.25	0.01365	3.40E-04	3.48E-04	3.32E-04
3208	490363.09, 3846877.25	0.01142	2.84E-04	2.91E-04	2.77E-04
3209	490863.09, 3846877.25	0.01076	2.68E-04	2.74E-04	2.61E-04
3210	491363.09, 3846877.25	0.01058	2.63E-04	2.70E-04	2.57E-04
3211	491863.09, 3846877.25	0.00979	2.44E-04	2.50E-04	2.38E-04
3212	492363.09, 3846877.25	0.01123	2.80E-04	2.86E-04	2.73E-04
3213	492863.09, 3846877.25	0.01122	2.79E-04	2.86E-04	2.73E-04
3214	493363.09, 3846877.25	0.01159	2.89E-04	2.95E-04	2.82E-04
3215	493863.09, 3846877.25	0.01173	2.92E-04	2.99E-04	2.85E-04
3216	494363.09, 3846877.25	0.01165	2.90E-04	2.97E-04	2.83E-04
3217	494863.09, 3846877.25	0.01169	2.91E-04	2.98E-04	2.84E-04
3218	495363.09, 3846877.25	0.01168	2.91E-04	2.98E-04	2.84E-04
3219	495863.09, 3846877.25	0.01167	2.91E-04	2.97E-04	2.83E-04
3220	496363.09, 3846877.25	0.01172	2.92E-04	2.99E-04	2.85E-04
3221	496863.09, 3846877.25	0.01194	2.97E-04	3.04E-04	2.90E-04
3222	497363.09, 3846877.25	0.01232	3.07E-04	3.14E-04	2.99E-04
3223	497863.09, 3846877.25	0.01251	3.12E-04	3.19E-04	3.04E-04
3224	498363.09, 3846877.25	0.01216	3.03E-04	3.10E-04	2.95E-04
3225	471363.09, 3847377.25	0.02878	7.17E-04	7.34E-04	6.99E-04
3226	471863.09, 3847377.25	0.03298	8.21E-04	8.41E-04	8.01E-04
3227	472363.09, 3847377.25	0.03963	9.87E-04	1.01E-03	9.63E-04
3228	472863.09, 3847377.25	0.05005	1.25E-03	1.28E-03	1.22E-03
3229	473363.09, 3847377.25	0.03436	8.56E-04	8.76E-04	8.35E-04
3230	473863.09, 3847377.25	0.03483	8.67E-04	8.88E-04	8.46E-04
3231	474363.09, 3847377.25	0.04012	9.99E-04	1.02E-03	9.74E-04
3232	474863.09, 3847377.25	0.04291	1.07E-03	1.09E-03	1.04E-03
3233	475363.09, 3847377.25	0.04761	1.19E-03	1.21E-03	1.16E-03
3234	475863.09, 3847377.25	0.06393	1.59E-03	1.63E-03	1.55E-03
3235	476363.09, 3847377.25	0.07624	1.90E-03	1.94E-03	1.85E-03
3236	476863.09, 3847377.25	0.07128	1.78E-03	1.82E-03	1.73E-03
3237	477363.09, 3847377.25	0.06823	1.70E-03	1.74E-03	1.66E-03
3238	477863.09, 3847377.25	0.0626	1.56E-03	1.60E-03	1.52E-03
3239	478363.09, 3847377.25	0.0593	1.48E-03	1.51E-03	1.44E-03
3240	478863.09, 3847377.25	0.05724	1.43E-03	1.46E-03	1.39E-03
3241	479363.09, 3847377.25	0.04759	1.19E-03	1.21E-03	1.16E-03

3242	479863.09, 3847377.25	0.037	9.21E-04	9.43E-04	8.99E-04
3243	480363.09, 3847377.25	0.02781	6.93E-04	7.09E-04	6.75E-04
3244	480863.09, 3847377.25	0.02501	6.23E-04	6.38E-04	6.07E-04
3245	481363.09, 3847377.25	0.02733	6.81E-04	6.97E-04	6.64E-04
3246	481863.09, 3847377.25	0.03276	8.16E-04	8.35E-04	7.96E-04
3247	482363.09, 3847377.25	0.03135	7.81E-04	7.99E-04	7.61E-04
3248	482863.09, 3847377.25	0.0291	7.25E-04	7.42E-04	7.07E-04
3249	483363.09, 3847377.25	0.02698	6.72E-04	6.88E-04	6.55E-04
3250	483863.09, 3847377.25	0.02623	6.53E-04	6.69E-04	6.37E-04
3251	484363.09, 3847377.25	0.02699	6.72E-04	6.88E-04	6.56E-04
3252	484863.09, 3847377.25	0.02564	6.39E-04	6.54E-04	6.23E-04
3253	485363.09, 3847377.25	0.02494	6.21E-04	6.36E-04	6.06E-04
3254	485863.09, 3847377.25	0.02482	6.18E-04	6.33E-04	6.03E-04
3255	486363.09, 3847377.25	0.02457	6.12E-04	6.26E-04	5.97E-04
3256	486863.09, 3847377.25	0.02178	5.42E-04	5.55E-04	5.29E-04
3257	487363.09, 3847377.25	0.02165	5.39E-04	5.52E-04	5.26E-04
3258	487863.09, 3847377.25	0.0197	4.91E-04	5.02E-04	4.78E-04
3259	488363.09, 3847377.25	0.01884	4.69E-04	4.80E-04	4.58E-04
3260	488863.09, 3847377.25	0.01831	4.56E-04	4.67E-04	4.45E-04
3261	489363.09, 3847377.25	0.01783	4.44E-04	4.55E-04	4.33E-04
3262	489863.09, 3847377.25	0.01618	4.03E-04	4.12E-04	3.93E-04
3263	490363.09, 3847377.25	0.01466	3.65E-04	3.74E-04	3.56E-04
3264	490863.09, 3847377.25	0.01416	3.53E-04	3.61E-04	3.44E-04
3265	491363.09, 3847377.25	0.01347	3.35E-04	3.43E-04	3.27E-04
3266	491863.09, 3847377.25	0.01405	3.50E-04	3.58E-04	3.41E-04
3267	492363.09, 3847377.25	0.01338	3.33E-04	3.41E-04	3.25E-04
3268	492863.09, 3847377.25	0.01351	3.36E-04	3.44E-04	3.28E-04
3269	493363.09, 3847377.25	0.01339	3.33E-04	3.41E-04	3.25E-04
3270	493863.09, 3847377.25	0.01279	3.19E-04	3.26E-04	3.11E-04
3271	494363.09, 3847377.25	0.01229	3.06E-04	3.13E-04	2.99E-04
3272	494863.09, 3847377.25	0.01206	3.00E-04	3.07E-04	2.93E-04
3273	495363.09, 3847377.25	0.01184	2.95E-04	3.02E-04	2.88E-04
3274	495863.09, 3847377.25	0.01183	2.95E-04	3.02E-04	2.87E-04
3275	496363.09, 3847377.25	0.01174	2.92E-04	2.99E-04	2.85E-04
3276	496863.09, 3847377.25	0.01209	3.01E-04	3.08E-04	2.94E-04
3277	497363.09, 3847377.25	0.0127	3.16E-04	3.24E-04	3.08E-04
3278	497863.09, 3847377.25	0.01347	3.35E-04	3.43E-04	3.27E-04
3279	498363.09, 3847377.25	0.01334	3.32E-04	3.40E-04	3.24E-04
3280	471363.09, 3847877.25	0.03444	8.58E-04	8.78E-04	8.37E-04
3281	471863.09, 3847877.25	0.04089	1.02E-03	1.04E-03	9.93E-04
3282	472363.09, 3847877.25	0.05001	1.25E-03	1.27E-03	1.21E-03
3283	472863.09, 3847877.25	0.06659	1.66E-03	1.70E-03	1.62E-03
3284	473363.09, 3847877.25	0.10884	2.71E-03	2.77E-03	2.64E-03
3285	473863.09, 3847877.25	0.66865	1.67E-02	1.70E-02	1.62E-02
3286	474363.09, 3847877.25	0.29534	7.36E-03	7.53E-03	7.17E-03
3287	474863.09, 3847877.25	0.24266	6.04E-03	6.19E-03	5.89E-03
3288	475363.09, 3847877.25	0.16773	4.18E-03	4.28E-03	4.07E-03
3289	475863.09, 3847877.25	0.13135	3.27E-03	3.35E-03	3.19E-03
3290	476363.09, 3847877.25	0.14861	3.70E-03	3.79E-03	3.61E-03
3291	476863.09, 3847877.25	0.13427	3.34E-03	3.42E-03	3.26E-03
3292	477363.09, 3847877.25	0.11985	2.98E-03	3.06E-03	2.91E-03
3293	477863.09, 3847877.25	0.10743	2.68E-03	2.74E-03	2.61E-03
3294	478363.09, 3847877.25	0.09605	2.39E-03	2.45E-03	2.33E-03
3295	478863.09, 3847877.25	0.08794	2.19E-03	2.24E-03	2.14E-03
3296	479363.09, 3847877.25	0.06519	1.62E-03	1.66E-03	1.58E-03
3297	479863.09, 3847877.25	0.04185	1.04E-03	1.07E-03	1.02E-03
3298	480363.09, 3847877.25	0.04268	1.06E-03	1.09E-03	1.04E-03
3299	480863.09, 3847877.25	0.03756	9.35E-04	9.57E-04	9.12E-04
3300	481363.09, 3847877.25	0.03702	9.22E-04	9.44E-04	8.99E-04

3301	481863.09, 3847877.25	0.0463	1.15E-03	1.18E-03	1.12E-03
3302	482363.09, 3847877.25	0.04297	1.07E-03	1.10E-03	1.04E-03
3303	482863.09, 3847877.25	0.03883	9.67E-04	9.90E-04	9.43E-04
3304	483363.09, 3847877.25	0.03614	9.00E-04	9.21E-04	8.78E-04
3305	483863.09, 3847877.25	0.03503	8.72E-04	8.93E-04	8.51E-04
3306	484363.09, 3847877.25	0.03523	8.77E-04	8.98E-04	8.56E-04
3307	484863.09, 3847877.25	0.03379	8.42E-04	8.61E-04	8.21E-04
3308	485363.09, 3847877.25	0.03337	8.31E-04	8.51E-04	8.11E-04
3309	485863.09, 3847877.25	0.03291	8.20E-04	8.39E-04	7.99E-04
3310	486363.09, 3847877.25	0.03026	7.54E-04	7.71E-04	7.35E-04
3311	486863.09, 3847877.25	0.02816	7.01E-04	7.18E-04	6.84E-04
3312	487363.09, 3847877.25	0.02665	6.64E-04	6.79E-04	6.47E-04
3313	487863.09, 3847877.25	0.02445	6.09E-04	6.23E-04	5.94E-04
3314	488363.09, 3847877.25	0.0232	5.78E-04	5.91E-04	5.64E-04
3315	488863.09, 3847877.25	0.02245	5.59E-04	5.72E-04	5.45E-04
3316	489363.09, 3847877.25	0.02173	5.41E-04	5.54E-04	5.28E-04
3317	489863.09, 3847877.25	0.02183	5.44E-04	5.57E-04	5.30E-04
3318	490363.09, 3847877.25	0.02077	5.17E-04	5.29E-04	5.04E-04
3319	490863.09, 3847877.25	0.01933	4.81E-04	4.93E-04	4.70E-04
3320	491363.09, 3847877.25	0.0173	4.31E-04	4.41E-04	4.20E-04
3321	491863.09, 3847877.25	0.01664	4.14E-04	4.24E-04	4.04E-04
3322	492363.09, 3847877.25	0.01623	4.04E-04	4.14E-04	3.94E-04
3323	492863.09, 3847877.25	0.01559	3.88E-04	3.97E-04	3.79E-04
3324	493363.09, 3847877.25	0.0141	3.51E-04	3.59E-04	3.42E-04
3325	493863.09, 3847877.25	0.0131	3.26E-04	3.34E-04	3.18E-04
3326	494363.09, 3847877.25	0.01258	3.13E-04	3.21E-04	3.06E-04
3327	494863.09, 3847877.25	0.0123	3.06E-04	3.14E-04	2.99E-04
3328	495363.09, 3847877.25	0.01168	2.91E-04	2.98E-04	2.84E-04
3329	495863.09, 3847877.25	0.00985	2.45E-04	2.51E-04	2.39E-04
3330	496363.09, 3847877.25	0.01153	2.87E-04	2.94E-04	2.80E-04
3331	496863.09, 3847877.25	0.01186	2.95E-04	3.02E-04	2.88E-04
3332	497363.09, 3847877.25	0.0125	3.11E-04	3.19E-04	3.04E-04
3333	497863.09, 3847877.25	0.01422	3.54E-04	3.63E-04	3.45E-04
3334	498363.09, 3847877.25	0.01447	3.60E-04	3.69E-04	3.51E-04
3335	471363.09, 3848377.25	0.03667	9.13E-04	9.35E-04	8.91E-04
3336	471863.09, 3848377.25	0.04461	1.11E-03	1.14E-03	1.08E-03
3337	472363.09, 3848377.25	0.05671	1.41E-03	1.45E-03	1.38E-03
3338	472863.09, 3848377.25	0.0771	1.92E-03	1.97E-03	1.87E-03
3339	473363.09, 3848377.25	0.11574	2.88E-03	2.95E-03	2.81E-03
3340	473863.09, 3848377.25	0.21293	5.30E-03	5.43E-03	5.17E-03
3341	474363.09, 3848377.25	0.77108	1.92E-02	1.97E-02	1.87E-02
3342	474863.09, 3848377.25	0.71615	1.78E-02	1.83E-02	1.74E-02
3343	475363.09, 3848377.25	0.49031	1.22E-02	1.25E-02	1.19E-02
3344	475863.09, 3848377.25	0.29819	7.43E-03	7.60E-03	7.24E-03
3345	476363.09, 3848377.25	0.20763	5.17E-03	5.29E-03	5.04E-03
3346	476863.09, 3848377.25	0.22275	5.55E-03	5.68E-03	5.41E-03
3347	477363.09, 3848377.25	0.19196	4.78E-03	4.89E-03	4.66E-03
3348	477863.09, 3848377.25	0.17311	4.31E-03	4.41E-03	4.20E-03
3349	478363.09, 3848377.25	0.15221	3.79E-03	3.88E-03	3.70E-03
3350	478863.09, 3848377.25	0.12919	3.22E-03	3.29E-03	3.14E-03
3351	479363.09, 3848377.25	0.09667	2.41E-03	2.46E-03	2.35E-03
3352	479863.09, 3848377.25	0.04108	1.02E-03	1.05E-03	9.98E-04
3353	480363.09, 3848377.25	0.05428	1.35E-03	1.38E-03	1.32E-03
3354	480863.09, 3848377.25	0.06696	1.67E-03	1.71E-03	1.63E-03
3355	481363.09, 3848377.25	0.06388	1.59E-03	1.63E-03	1.55E-03
3356	481863.09, 3848377.25	0.06265	1.56E-03	1.60E-03	1.52E-03
3357	482363.09, 3848377.25	0.0597	1.49E-03	1.52E-03	1.45E-03
3358	482863.09, 3848377.25	0.05246	1.31E-03	1.34E-03	1.27E-03
3359	483363.09, 3848377.25	0.049	1.22E-03	1.25E-03	1.19E-03

3360	483863.09, 3848377.25	0.04435	1.10E-03	1.13E-03	1.08E-03
3361	484363.09, 3848377.25	0.04309	1.07E-03	1.10E-03	1.05E-03
3362	484863.09, 3848377.25	0.04417	1.10E-03	1.13E-03	1.07E-03
3363	485363.09, 3848377.25	0.04227	1.05E-03	1.08E-03	1.03E-03
3364	485863.09, 3848377.25	0.04075	1.01E-03	1.04E-03	9.90E-04
3365	486363.09, 3848377.25	0.03806	9.48E-04	9.70E-04	9.24E-04
3366	486863.09, 3848377.25	0.03495	8.70E-04	8.91E-04	8.49E-04
3367	487363.09, 3848377.25	0.03129	7.79E-04	7.98E-04	7.60E-04
3368	487863.09, 3848377.25	0.02987	7.44E-04	7.61E-04	7.26E-04
3369	488363.09, 3848377.25	0.02831	7.05E-04	7.22E-04	6.88E-04
3370	488863.09, 3848377.25	0.0271	6.75E-04	6.91E-04	6.58E-04
3371	489363.09, 3848377.25	0.02632	6.55E-04	6.71E-04	6.39E-04
3372	489863.09, 3848377.25	0.02638	6.57E-04	6.72E-04	6.41E-04
3373	490363.09, 3848377.25	0.02487	6.19E-04	6.34E-04	6.04E-04
3374	490863.09, 3848377.25	0.02264	5.64E-04	5.77E-04	5.50E-04
3375	491363.09, 3848377.25	0.02087	5.20E-04	5.32E-04	5.07E-04
3376	491863.09, 3848377.25	0.01956	4.87E-04	4.99E-04	4.75E-04
3377	492363.09, 3848377.25	0.01743	4.34E-04	4.44E-04	4.23E-04
3378	492863.09, 3848377.25	0.0153	3.81E-04	3.90E-04	3.72E-04
3379	493363.09, 3848377.25	0.01422	3.54E-04	3.63E-04	3.45E-04
3380	493863.09, 3848377.25	0.01326	3.30E-04	3.38E-04	3.22E-04
3381	494363.09, 3848377.25	0.0124	3.09E-04	3.16E-04	3.01E-04
3382	494863.09, 3848377.25	0.01222	3.04E-04	3.12E-04	2.97E-04
3383	495363.09, 3848377.25	0.01082	2.69E-04	2.76E-04	2.63E-04
3384	495863.09, 3848377.25	0.01039	2.59E-04	2.65E-04	2.52E-04
3385	496363.09, 3848377.25	0.01098	2.73E-04	2.80E-04	2.67E-04
3386	496863.09, 3848377.25	0.01038	2.59E-04	2.65E-04	2.52E-04
3387	497363.09, 3848377.25	0.01152	2.87E-04	2.94E-04	2.80E-04
3388	497863.09, 3848377.25	0.01539	3.83E-04	3.92E-04	3.74E-04
3389	498363.09, 3848377.25	0.01528	3.81E-04	3.90E-04	3.71E-04
3390	471363.09, 3848877.25	0.037	9.21E-04	9.43E-04	8.99E-04
3391	471863.09, 3848877.25	0.04504	1.12E-03	1.15E-03	1.09E-03
3392	472363.09, 3848877.25	0.05616	1.40E-03	1.43E-03	1.36E-03
3393	472863.09, 3848877.25	0.07255	1.81E-03	1.85E-03	1.76E-03
3394	473363.09, 3848877.25	0.09912	2.47E-03	2.53E-03	2.41E-03
3395	473863.09, 3848877.25	0.14503	3.61E-03	3.70E-03	3.52E-03
3396	474363.09, 3848877.25	0.23033	5.74E-03	5.87E-03	5.59E-03
3397	474863.09, 3848877.25	0.65326	1.63E-02	1.67E-02	1.59E-02
3398	475363.09, 3848877.25	1.28778	3.21E-02	3.28E-02	3.13E-02
3399	475863.09, 3848877.25	0.71252	1.77E-02	1.82E-02	1.73E-02
3400	476363.09, 3848877.25	0.49475	1.23E-02	1.26E-02	1.20E-02
3401	476863.09, 3848877.25	0.37564	9.36E-03	9.58E-03	9.12E-03
3402	477363.09, 3848877.25	0.37423	9.32E-03	9.54E-03	9.09E-03
3403	477863.09, 3848877.25	0.30334	7.55E-03	7.73E-03	7.37E-03
3404	478363.09, 3848877.25	0.2571	6.40E-03	6.55E-03	6.24E-03
3405	478863.09, 3848877.25	0.20851	5.19E-03	5.32E-03	5.06E-03
3406	479363.09, 3848877.25	0.16194	4.03E-03	4.13E-03	3.93E-03
3407	479863.09, 3848877.25	0.12442	3.10E-03	3.17E-03	3.02E-03
3408	480363.09, 3848877.25	0.11624	2.89E-03	2.96E-03	2.82E-03
3409	480863.09, 3848877.25	0.10901	2.71E-03	2.78E-03	2.65E-03
3410	481363.09, 3848877.25	0.09671	2.41E-03	2.47E-03	2.35E-03
3411	481863.09, 3848877.25	0.08223	2.05E-03	2.10E-03	2.00E-03
3412	482363.09, 3848877.25	0.06816	1.70E-03	1.74E-03	1.66E-03
3413	482863.09, 3848877.25	0.05747	1.43E-03	1.47E-03	1.40E-03
3414	483363.09, 3848877.25	0.04986	1.24E-03	1.27E-03	1.21E-03
3415	483863.09, 3848877.25	0.04712	1.17E-03	1.20E-03	1.14E-03
3416	484363.09, 3848877.25	0.05208	1.30E-03	1.33E-03	1.26E-03
3417	484863.09, 3848877.25	0.05585	1.39E-03	1.42E-03	1.36E-03
3418	485363.09, 3848877.25	0.05272	1.31E-03	1.34E-03	1.28E-03

3419	485863.09, 3848877.25	0.04984	1.24E-03	1.27E-03	1.21E-03
3420	486363.09, 3848877.25	0.04514	1.12E-03	1.15E-03	1.10E-03
3421	486863.09, 3848877.25	0.0403	1.00E-03	1.03E-03	9.79E-04
3422	487363.09, 3848877.25	0.03877	9.66E-04	9.88E-04	9.42E-04
3423	487863.09, 3848877.25	0.03606	8.98E-04	9.19E-04	8.76E-04
3424	488363.09, 3848877.25	0.03432	8.55E-04	8.75E-04	8.34E-04
3425	488863.09, 3848877.25	0.03224	8.03E-04	8.22E-04	7.83E-04
3426	489363.09, 3848877.25	0.0313	7.80E-04	7.98E-04	7.60E-04
3427	489863.09, 3848877.25	0.03043	7.58E-04	7.76E-04	7.39E-04
3428	490363.09, 3848877.25	0.02773	6.91E-04	7.07E-04	6.74E-04
3429	490863.09, 3848877.25	0.02513	6.26E-04	6.41E-04	6.10E-04
3430	491363.09, 3848877.25	0.0234	5.83E-04	5.97E-04	5.68E-04
3431	491863.09, 3848877.25	0.02057	5.12E-04	5.24E-04	5.00E-04
3432	492363.09, 3848877.25	0.01789	4.46E-04	4.56E-04	4.35E-04
3433	492863.09, 3848877.25	0.01516	3.78E-04	3.86E-04	3.68E-04
3434	493363.09, 3848877.25	0.01278	3.18E-04	3.26E-04	3.10E-04
3435	493863.09, 3848877.25	0.01261	3.14E-04	3.21E-04	3.06E-04
3436	494363.09, 3848877.25	0.01201	2.99E-04	3.06E-04	2.92E-04
3437	494863.09, 3848877.25	0.01213	3.02E-04	3.09E-04	2.95E-04
3438	495363.09, 3848877.25	0.01196	2.98E-04	3.05E-04	2.90E-04
3439	495863.09, 3848877.25	0.01037	2.58E-04	2.64E-04	2.52E-04
3440	496363.09, 3848877.25	0.01024	2.55E-04	2.61E-04	2.49E-04
3441	496863.09, 3848877.25	0.01138	2.83E-04	2.90E-04	2.76E-04
3442	497363.09, 3848877.25	0.01442	3.59E-04	3.68E-04	3.50E-04
3443	497863.09, 3848877.25	0.01545	3.85E-04	3.94E-04	3.75E-04
3444	498363.09, 3848877.25	0.01601	3.99E-04	4.08E-04	3.89E-04
3445	471363.09, 3849377.25	0.03592	8.95E-04	9.16E-04	8.72E-04
3446	471863.09, 3849377.25	0.04334	1.08E-03	1.10E-03	1.05E-03
3447	472363.09, 3849377.25	0.05215	1.30E-03	1.33E-03	1.27E-03
3448	472863.09, 3849377.25	0.06467	1.61E-03	1.65E-03	1.57E-03
3449	473363.09, 3849377.25	0.08292	2.07E-03	2.11E-03	2.01E-03
3450	473863.09, 3849377.25	0.10851	2.70E-03	2.77E-03	2.64E-03
3451	474363.09, 3849377.25	0.14606	3.64E-03	3.72E-03	3.55E-03
3452	474863.09, 3849377.25	0.20916	5.21E-03	5.33E-03	5.08E-03
3453	475363.09, 3849377.25	0.3473	8.65E-03	8.85E-03	8.44E-03
3454	475863.09, 3849377.25	0.6019	1.50E-02	1.53E-02	1.46E-02
3455	476363.09, 3849377.25	1.11806	2.78E-02	2.85E-02	2.72E-02
3456	476863.09, 3849377.25	2.47839	6.17E-02	6.32E-02	6.02E-02
3457	477363.09, 3849377.25	0.89283	2.22E-02	2.28E-02	2.17E-02
3458	477863.09, 3849377.25	0.57422	1.43E-02	1.46E-02	1.39E-02
3459	478363.09, 3849377.25	0.43294	1.08E-02	1.10E-02	1.05E-02
3460	478863.09, 3849377.25	0.32207	8.02E-03	8.21E-03	7.82E-03
3461	479363.09, 3849377.25	0.25722	6.41E-03	6.56E-03	6.25E-03
3462	479863.09, 3849377.25	0.19009	4.73E-03	4.85E-03	4.62E-03
3463	480363.09, 3849377.25	0.18386	4.58E-03	4.69E-03	4.47E-03
3464	480863.09, 3849377.25	0.15605	3.89E-03	3.98E-03	3.79E-03
3465	481363.09, 3849377.25	0.12435	3.10E-03	3.17E-03	3.02E-03
3466	481863.09, 3849377.25	0.09184	2.29E-03	2.34E-03	2.23E-03
3467	482363.09, 3849377.25	0.07786	1.94E-03	1.98E-03	1.89E-03
3468	482863.09, 3849377.25	0.06323	1.57E-03	1.61E-03	1.54E-03
3469	483363.09, 3849377.25	0.05563	1.39E-03	1.42E-03	1.35E-03
3470	483863.09, 3849377.25	0.04604	1.15E-03	1.17E-03	1.12E-03
3471	484363.09, 3849377.25	0.06153	1.53E-03	1.57E-03	1.49E-03
3472	484863.09, 3849377.25	0.06778	1.69E-03	1.73E-03	1.65E-03
3473	485363.09, 3849377.25	0.06402	1.59E-03	1.63E-03	1.55E-03
3474	485863.09, 3849377.25	0.05167	1.29E-03	1.32E-03	1.26E-03
3475	486363.09, 3849377.25	0.0422	1.05E-03	1.08E-03	1.03E-03
3476	486863.09, 3849377.25	0.04676	1.16E-03	1.19E-03	1.14E-03
3477	487363.09, 3849377.25	0.04584	1.14E-03	1.17E-03	1.11E-03

3478	487863.09, 3849377.25	0.04281	1.07E-03	1.09E-03	1.04E-03
3479	488363.09, 3849377.25	0.04027	1.00E-03	1.03E-03	9.78E-04
3480	488863.09, 3849377.25	0.03832	9.54E-04	9.77E-04	9.31E-04
3481	489363.09, 3849377.25	0.03646	9.08E-04	9.29E-04	8.86E-04
3482	489863.09, 3849377.25	0.03407	8.48E-04	8.69E-04	8.28E-04
3483	490363.09, 3849377.25	0.03062	7.63E-04	7.81E-04	7.44E-04
3484	490863.09, 3849377.25	0.02793	6.96E-04	7.12E-04	6.78E-04
3485	491363.09, 3849377.25	0.02565	6.39E-04	6.54E-04	6.23E-04
3486	491863.09, 3849377.25	0.02235	5.57E-04	5.70E-04	5.43E-04
3487	492363.09, 3849377.25	0.0194	4.83E-04	4.95E-04	4.71E-04
3488	492863.09, 3849377.25	0.01565	3.90E-04	3.99E-04	3.80E-04
3489	493363.09, 3849377.25	0.01404	3.50E-04	3.58E-04	3.41E-04
3490	493863.09, 3849377.25	0.01308	3.26E-04	3.33E-04	3.18E-04
3491	494363.09, 3849377.25	0.01304	3.25E-04	3.32E-04	3.17E-04
3492	494863.09, 3849377.25	0.01471	3.66E-04	3.75E-04	3.57E-04
3493	495363.09, 3849377.25	0.01484	3.70E-04	3.78E-04	3.60E-04
3494	495863.09, 3849377.25	0.01068	2.66E-04	2.72E-04	2.59E-04
3495	496363.09, 3849377.25	0.00988	2.46E-04	2.52E-04	2.40E-04
3496	496863.09, 3849377.25	0.01363	3.39E-04	3.47E-04	3.31E-04
3497	497363.09, 3849377.25	0.01444	3.60E-04	3.68E-04	3.51E-04
3498	497863.09, 3849377.25	0.01815	4.52E-04	4.63E-04	4.41E-04
3499	498363.09, 3849377.25	0.01687	4.20E-04	4.30E-04	4.10E-04
3500	471363.09, 3849877.25	0.02816	7.01E-04	7.18E-04	6.84E-04
3501	471863.09, 3849877.25	0.03816	9.50E-04	9.73E-04	9.27E-04
3502	472363.09, 3849877.25	0.04755	1.18E-03	1.21E-03	1.15E-03
3503	472863.09, 3849877.25	0.05742	1.43E-03	1.46E-03	1.39E-03
3504	473363.09, 3849877.25	0.07005	1.74E-03	1.79E-03	1.70E-03
3505	473863.09, 3849877.25	0.08606	2.14E-03	2.19E-03	2.09E-03
3506	474363.09, 3849877.25	0.10593	2.64E-03	2.70E-03	2.57E-03
3507	474863.09, 3849877.25	0.13117	3.27E-03	3.34E-03	3.19E-03
3508	475363.09, 3849877.25	0.16492	4.11E-03	4.20E-03	4.01E-03
3509	475863.09, 3849877.25	0.20954	5.22E-03	5.34E-03	5.09E-03
3510	476363.09, 3849877.25	0.27371	6.82E-03	6.98E-03	6.65E-03
3511	476863.09, 3849877.25	0.38814	9.67E-03	9.89E-03	9.43E-03
3512	477363.09, 3849877.25	0.7303	1.82E-02	1.86E-02	1.77E-02
3513	477863.09, 3849877.25	2.69511	6.71E-02	6.87E-02	6.55E-02
3514	478363.09, 3849877.25	0.97353	2.42E-02	2.48E-02	2.36E-02
3515	478863.09, 3849877.25	0.62898	1.57E-02	1.60E-02	1.53E-02
3516	479363.09, 3849877.25	0.43725	1.09E-02	1.11E-02	1.06E-02
3517	479863.09, 3849877.25	0.34899	8.69E-03	8.90E-03	8.48E-03
3518	480363.09, 3849877.25	0.25563	6.37E-03	6.52E-03	6.21E-03
3519	480863.09, 3849877.25	0.19751	4.92E-03	5.04E-03	4.80E-03
3520	481363.09, 3849877.25	0.16241	4.04E-03	4.14E-03	3.94E-03
3521	481863.09, 3849877.25	0.11031	2.75E-03	2.81E-03	2.68E-03
3522	482363.09, 3849877.25	0.08842	2.20E-03	2.25E-03	2.15E-03
3523	482863.09, 3849877.25	0.0737	1.84E-03	1.88E-03	1.79E-03
3524	483363.09, 3849877.25	0.06135	1.53E-03	1.56E-03	1.49E-03
3525	483863.09, 3849877.25	0.0579	1.44E-03	1.48E-03	1.41E-03
3526	484363.09, 3849877.25	0.07159	1.78E-03	1.83E-03	1.74E-03
3527	484863.09, 3849877.25	0.08274	2.06E-03	2.11E-03	2.01E-03
3528	485363.09, 3849877.25	0.07443	1.85E-03	1.90E-03	1.81E-03
3529	485863.09, 3849877.25	0.06324	1.57E-03	1.61E-03	1.54E-03
3530	486363.09, 3849877.25	0.05676	1.41E-03	1.45E-03	1.38E-03
3531	486863.09, 3849877.25	0.05759	1.43E-03	1.47E-03	1.40E-03
3532	487363.09, 3849877.25	0.05425	1.35E-03	1.38E-03	1.32E-03
3533	487863.09, 3849877.25	0.05026	1.25E-03	1.28E-03	1.22E-03
3534	488363.09, 3849877.25	0.04704	1.17E-03	1.20E-03	1.14E-03
3535	488863.09, 3849877.25	0.04433	1.10E-03	1.13E-03	1.08E-03
3536	489363.09, 3849877.25	0.04129	1.03E-03	1.05E-03	1.00E-03

3537	489863.09, 3849877.25	0.03771	9.39E-04	9.61E-04	9.16E-04
3538	490363.09, 3849877.25	0.03387	8.44E-04	8.63E-04	8.23E-04
3539	490863.09, 3849877.25	0.03105	7.73E-04	7.92E-04	7.54E-04
3540	491363.09, 3849877.25	0.0283	7.05E-04	7.21E-04	6.87E-04
3541	491863.09, 3849877.25	0.0247	6.15E-04	6.30E-04	6.00E-04
3542	492363.09, 3849877.25	0.02169	5.40E-04	5.53E-04	5.27E-04
3543	492863.09, 3849877.25	0.01827	4.55E-04	4.66E-04	4.44E-04
3544	493363.09, 3849877.25	0.01542	3.84E-04	3.93E-04	3.75E-04
3545	493863.09, 3849877.25	0.01368	3.41E-04	3.49E-04	3.32E-04
3546	494363.09, 3849877.25	0.01635	4.07E-04	4.17E-04	3.97E-04
3547	494863.09, 3849877.25	0.01782	4.44E-04	4.54E-04	4.33E-04
3548	495363.09, 3849877.25	0.01449	3.61E-04	3.69E-04	3.52E-04
3549	495863.09, 3849877.25	0.01622	4.04E-04	4.13E-04	3.94E-04
3550	496363.09, 3849877.25	0.01634	4.07E-04	4.17E-04	3.97E-04
3551	496863.09, 3849877.25	0.0162	4.03E-04	4.13E-04	3.93E-04
3552	497363.09, 3849877.25	0.01858	4.63E-04	4.74E-04	4.51E-04
3553	497863.09, 3849877.25	0.01886	4.70E-04	4.81E-04	4.58E-04
3554	498363.09, 3849877.25	0.01753	4.37E-04	4.47E-04	4.26E-04
3555	471363.09, 3850377.25	0.01485	3.70E-04	3.79E-04	3.61E-04
3556	471863.09, 3850377.25	0.02821	7.03E-04	7.19E-04	6.85E-04
3557	472363.09, 3850377.25	0.03761	9.37E-04	9.59E-04	9.14E-04
3558	472863.09, 3850377.25	0.05047	1.26E-03	1.29E-03	1.23E-03
3559	473363.09, 3850377.25	0.05965	1.49E-03	1.52E-03	1.45E-03
3560	473863.09, 3850377.25	0.07026	1.75E-03	1.79E-03	1.71E-03
3561	474363.09, 3850377.25	0.08158	2.03E-03	2.08E-03	1.98E-03
3562	474863.09, 3850377.25	0.09545	2.38E-03	2.43E-03	2.32E-03
3563	475363.09, 3850377.25	0.11144	2.78E-03	2.84E-03	2.71E-03
3564	475863.09, 3850377.25	0.13241	3.30E-03	3.38E-03	3.22E-03
3565	476363.09, 3850377.25	0.16148	4.02E-03	4.12E-03	3.92E-03
3566	476863.09, 3850377.25	0.2002	4.99E-03	5.10E-03	4.86E-03
3567	477363.09, 3850377.25	0.25496	6.35E-03	6.50E-03	6.19E-03
3568	477863.09, 3850377.25	0.36752	9.15E-03	9.37E-03	8.93E-03
3569	478363.09, 3850377.25	0.72463	1.80E-02	1.85E-02	1.76E-02
3570	478863.09, 3850377.25	2.96374	7.38E-02	7.56E-02	7.20E-02
3571	479363.09, 3850377.25	1.02354	2.55E-02	2.61E-02	2.49E-02
3572	479863.09, 3850377.25	0.61174	1.52E-02	1.56E-02	1.49E-02
3573	480363.09, 3850377.25	0.42598	1.06E-02	1.09E-02	1.03E-02
3574	480863.09, 3850377.25	0.34013	8.47E-03	8.67E-03	8.26E-03
3575	481363.09, 3850377.25	0.21396	5.33E-03	5.45E-03	5.20E-03
3576	481863.09, 3850377.25	0.18056	4.50E-03	4.60E-03	4.39E-03
3577	482363.09, 3850377.25	0.15247	3.80E-03	3.89E-03	3.70E-03
3578	482863.09, 3850377.25	0.10942	2.73E-03	2.79E-03	2.66E-03
3579	483363.09, 3850377.25	0.08644	2.15E-03	2.20E-03	2.10E-03
3580	483863.09, 3850377.25	0.08675	2.16E-03	2.21E-03	2.11E-03
3581	484363.09, 3850377.25	0.09282	2.31E-03	2.37E-03	2.25E-03
3582	484863.09, 3850377.25	0.09709	2.42E-03	2.48E-03	2.36E-03
3583	485363.09, 3850377.25	0.08993	2.24E-03	2.29E-03	2.18E-03
3584	485863.09, 3850377.25	0.07909	1.97E-03	2.02E-03	1.92E-03
3585	486363.09, 3850377.25	0.07354	1.83E-03	1.87E-03	1.79E-03
3586	486863.09, 3850377.25	0.06862	1.71E-03	1.75E-03	1.67E-03
3587	487363.09, 3850377.25	0.06213	1.55E-03	1.58E-03	1.51E-03
3588	487863.09, 3850377.25	0.05797	1.44E-03	1.48E-03	1.41E-03
3589	488363.09, 3850377.25	0.05357	1.33E-03	1.37E-03	1.30E-03
3590	488863.09, 3850377.25	0.04974	1.24E-03	1.27E-03	1.21E-03
3591	489363.09, 3850377.25	0.04587	1.14E-03	1.17E-03	1.11E-03
3592	489863.09, 3850377.25	0.04133	1.03E-03	1.05E-03	1.00E-03
3593	490363.09, 3850377.25	0.03742	9.32E-04	9.54E-04	9.09E-04
3594	490863.09, 3850377.25	0.03414	8.50E-04	8.70E-04	8.29E-04
3595	491363.09, 3850377.25	0.03094	7.71E-04	7.89E-04	7.52E-04

3596	491863.09, 3850377.25	0.02688	6.69E-04	6.85E-04	6.53E-04
3597	492363.09, 3850377.25	0.02292	5.71E-04	5.84E-04	5.57E-04
3598	492863.09, 3850377.25	0.02029	5.05E-04	5.17E-04	4.93E-04
3599	493363.09, 3850377.25	0.01735	4.32E-04	4.42E-04	4.21E-04
3600	493863.09, 3850377.25	0.01794	4.47E-04	4.57E-04	4.36E-04
3601	494363.09, 3850377.25	0.0181	4.51E-04	4.61E-04	4.40E-04
3602	494863.09, 3850377.25	0.01922	4.79E-04	4.90E-04	4.67E-04
3603	495363.09, 3850377.25	0.02062	5.14E-04	5.26E-04	5.01E-04
3604	495863.09, 3850377.25	0.01852	4.61E-04	4.72E-04	4.50E-04
3605	496363.09, 3850377.25	0.01977	4.92E-04	5.04E-04	4.80E-04
3606	496863.09, 3850377.25	0.02065	5.14E-04	5.26E-04	5.02E-04
3607	497363.09, 3850377.25	0.02043	5.09E-04	5.21E-04	4.96E-04
3608	497863.09, 3850377.25	0.01941	4.83E-04	4.95E-04	4.71E-04
3609	498363.09, 3850377.25	0.01842	4.59E-04	4.70E-04	4.47E-04
3610	471363.09, 3850877.25	0.01821	4.54E-04	4.64E-04	4.42E-04
3611	471863.09, 3850877.25	0.02421	6.03E-04	6.17E-04	5.88E-04
3612	472363.09, 3850877.25	0.03342	8.32E-04	8.52E-04	8.12E-04
3613	472863.09, 3850877.25	0.04242	1.06E-03	1.08E-03	1.03E-03
3614	473363.09, 3850877.25	0.04557	1.13E-03	1.16E-03	1.11E-03
3615	473863.09, 3850877.25	0.05671	1.41E-03	1.45E-03	1.38E-03
3616	474363.09, 3850877.25	0.06641	1.65E-03	1.69E-03	1.61E-03
3617	474863.09, 3850877.25	0.07541	1.88E-03	1.92E-03	1.83E-03
3618	475363.09, 3850877.25	0.08561	2.13E-03	2.18E-03	2.08E-03
3619	475863.09, 3850877.25	0.09752	2.43E-03	2.49E-03	2.37E-03
3620	476363.09, 3850877.25	0.11309	2.82E-03	2.88E-03	2.75E-03
3621	476863.09, 3850877.25	0.13325	3.32E-03	3.40E-03	3.24E-03
3622	477363.09, 3850877.25	0.15894	3.96E-03	4.05E-03	3.86E-03
3623	477863.09, 3850877.25	0.19258	4.80E-03	4.91E-03	4.68E-03
3624	478363.09, 3850877.25	0.24985	6.22E-03	6.37E-03	6.07E-03
3625	478863.09, 3850877.25	0.35195	8.77E-03	8.97E-03	8.55E-03
3626	479363.09, 3850877.25	0.6397	1.59E-02	1.63E-02	1.55E-02
3627	479863.09, 3850877.25	3.69076	9.19E-02	9.41E-02	8.96E-02
3628	480363.09, 3850877.25	1.0648	2.65E-02	2.71E-02	2.59E-02
3629	480863.09, 3850877.25	0.62771	1.56E-02	1.60E-02	1.52E-02
3630	481363.09, 3850877.25	0.43178	1.08E-02	1.10E-02	1.05E-02
3631	481863.09, 3850877.25	0.30436	7.58E-03	7.76E-03	7.39E-03
3632	482363.09, 3850877.25	0.21208	5.28E-03	5.41E-03	5.15E-03
3633	482863.09, 3850877.25	0.16526	4.12E-03	4.21E-03	4.01E-03
3634	483363.09, 3850877.25	0.12736	3.17E-03	3.25E-03	3.09E-03
3635	483863.09, 3850877.25	0.11516	2.87E-03	2.94E-03	2.80E-03
3636	484363.09, 3850877.25	0.11778	2.93E-03	3.00E-03	2.86E-03
3637	484863.09, 3850877.25	0.10939	2.72E-03	2.79E-03	2.66E-03
3638	485363.09, 3850877.25	0.10348	2.58E-03	2.64E-03	2.51E-03
3639	485863.09, 3850877.25	0.08894	2.22E-03	2.27E-03	2.16E-03
3640	486363.09, 3850877.25	0.08491	2.11E-03	2.16E-03	2.06E-03
3641	486863.09, 3850877.25	0.07796	1.94E-03	1.99E-03	1.89E-03
3642	487363.09, 3850877.25	0.06984	1.74E-03	1.78E-03	1.70E-03
3643	487863.09, 3850877.25	0.06425	1.60E-03	1.64E-03	1.56E-03
3644	488363.09, 3850877.25	0.05933	1.48E-03	1.51E-03	1.44E-03
3645	488863.09, 3850877.25	0.05429	1.35E-03	1.38E-03	1.32E-03
3646	489363.09, 3850877.25	0.04987	1.24E-03	1.27E-03	1.21E-03
3647	489863.09, 3850877.25	0.04522	1.13E-03	1.15E-03	1.10E-03
3648	490363.09, 3850877.25	0.04144	1.03E-03	1.06E-03	1.01E-03
3649	490863.09, 3850877.25	0.03772	9.39E-04	9.62E-04	9.16E-04
3650	491363.09, 3850877.25	0.03354	8.35E-04	8.55E-04	8.15E-04
3651	491863.09, 3850877.25	0.02947	7.34E-04	7.51E-04	7.16E-04
3652	492363.09, 3850877.25	0.02593	6.46E-04	6.61E-04	6.30E-04
3653	492863.09, 3850877.25	0.02326	5.79E-04	5.93E-04	5.65E-04
3654	493363.09, 3850877.25	0.02158	5.37E-04	5.50E-04	5.24E-04

3655	493863.09, 3850877.25	0.02212	5.51E-04	5.64E-04	5.37E-04
3656	494363.09, 3850877.25	0.02149	5.35E-04	5.48E-04	5.22E-04
3657	494863.09, 3850877.25	0.02219	5.53E-04	5.66E-04	5.39E-04
3658	495363.09, 3850877.25	0.02292	5.71E-04	5.84E-04	5.57E-04
3659	495863.09, 3850877.25	0.02198	5.47E-04	5.60E-04	5.34E-04
3660	496363.09, 3850877.25	0.02178	5.42E-04	5.55E-04	5.29E-04
3661	496863.09, 3850877.25	0.02218	5.52E-04	5.65E-04	5.39E-04
3662	497363.09, 3850877.25	0.02123	5.29E-04	5.41E-04	5.16E-04
3663	497863.09, 3850877.25	0.01999	4.98E-04	5.10E-04	4.86E-04
3664	498363.09, 3850877.25	0.01879	4.68E-04	4.79E-04	4.56E-04
3665	471363.09, 3851377.25	0.01782	4.44E-04	4.54E-04	4.33E-04
3666	471863.09, 3851377.25	0.02602	6.48E-04	6.63E-04	6.32E-04
3667	472363.09, 3851377.25	0.02884	7.18E-04	7.35E-04	7.01E-04
3668	472863.09, 3851377.25	0.03213	8.00E-04	8.19E-04	7.80E-04
3669	473363.09, 3851377.25	0.03041	7.57E-04	7.75E-04	7.39E-04
3670	473863.09, 3851377.25	0.03621	9.02E-04	9.23E-04	8.80E-04
3671	474363.09, 3851377.25	0.05002	1.25E-03	1.28E-03	1.21E-03
3672	474863.09, 3851377.25	0.06086	1.52E-03	1.55E-03	1.48E-03
3673	475363.09, 3851377.25	0.06926	1.72E-03	1.77E-03	1.68E-03
3674	475863.09, 3851377.25	0.07759	1.93E-03	1.98E-03	1.88E-03
3675	476363.09, 3851377.25	0.08774	2.19E-03	2.24E-03	2.13E-03
3676	476863.09, 3851377.25	0.10034	2.50E-03	2.56E-03	2.44E-03
3677	477363.09, 3851377.25	0.11486	2.86E-03	2.93E-03	2.79E-03
3678	477863.09, 3851377.25	0.13365	3.33E-03	3.41E-03	3.25E-03
3679	478363.09, 3851377.25	0.15862	3.95E-03	4.04E-03	3.85E-03
3680	478863.09, 3851377.25	0.19274	4.80E-03	4.91E-03	4.68E-03
3681	479363.09, 3851377.25	0.24801	6.18E-03	6.32E-03	6.02E-03
3682	479863.09, 3851377.25	0.34652	8.63E-03	8.83E-03	8.42E-03
3683	480363.09, 3851377.25	0.62139	1.55E-02	1.58E-02	1.51E-02
3684	480863.09, 3851377.25	3.07324	7.65E-02	7.83E-02	7.46E-02
3685	481363.09, 3851377.25	0.99945	2.49E-02	2.55E-02	2.43E-02
3686	481863.09, 3851377.25	0.51215	1.28E-02	1.31E-02	1.24E-02
3687	482363.09, 3851377.25	0.33847	8.43E-03	8.63E-03	8.22E-03
3688	482863.09, 3851377.25	0.22605	5.63E-03	5.76E-03	5.49E-03
3689	483363.09, 3851377.25	0.16339	4.07E-03	4.17E-03	3.97E-03
3690	483863.09, 3851377.25	0.13628	3.39E-03	3.47E-03	3.31E-03
3691	484363.09, 3851377.25	0.14285	3.56E-03	3.64E-03	3.47E-03
3692	484863.09, 3851377.25	0.11077	2.76E-03	2.82E-03	2.69E-03
3693	485363.09, 3851377.25	0.11746	2.93E-03	2.99E-03	2.85E-03
3694	485863.09, 3851377.25	0.09905	2.47E-03	2.53E-03	2.41E-03
3695	486363.09, 3851377.25	0.09517	2.37E-03	2.43E-03	2.31E-03
3696	486863.09, 3851377.25	0.0853	2.12E-03	2.17E-03	2.07E-03
3697	487363.09, 3851377.25	0.07193	1.79E-03	1.83E-03	1.75E-03
3698	487863.09, 3851377.25	0.06917	1.72E-03	1.76E-03	1.68E-03
3699	488363.09, 3851377.25	0.06402	1.59E-03	1.63E-03	1.55E-03
3700	488863.09, 3851377.25	0.0583	1.45E-03	1.49E-03	1.42E-03
3701	489363.09, 3851377.25	0.05316	1.32E-03	1.36E-03	1.29E-03
3702	489863.09, 3851377.25	0.04819	1.20E-03	1.23E-03	1.17E-03
3703	490363.09, 3851377.25	0.04391	1.09E-03	1.12E-03	1.07E-03
3704	490863.09, 3851377.25	0.03974	9.90E-04	1.01E-03	9.65E-04
3705	491363.09, 3851377.25	0.03523	8.77E-04	8.98E-04	8.56E-04
3706	491863.09, 3851377.25	0.03148	7.84E-04	8.03E-04	7.65E-04
3707	492363.09, 3851377.25	0.02864	7.13E-04	7.30E-04	6.96E-04
3708	492863.09, 3851377.25	0.02566	6.39E-04	6.54E-04	6.23E-04
3709	493363.09, 3851377.25	0.02102	5.23E-04	5.36E-04	5.11E-04
3710	493863.09, 3851377.25	0.0215	5.35E-04	5.48E-04	5.22E-04
3711	494363.09, 3851377.25	0.02397	5.97E-04	6.11E-04	5.82E-04
3712	494863.09, 3851377.25	0.02329	5.80E-04	5.94E-04	5.66E-04
3713	495363.09, 3851377.25	0.02503	6.23E-04	6.38E-04	6.08E-04

3714	495863.09, 3851377.25	0.02469	6.15E-04	6.29E-04	6.00E-04
3715	496363.09, 3851377.25	0.02389	5.95E-04	6.09E-04	5.80E-04
3716	496863.09, 3851377.25	0.02284	5.69E-04	5.82E-04	5.55E-04
3717	497363.09, 3851377.25	0.02178	5.42E-04	5.55E-04	5.29E-04
3718	497863.09, 3851377.25	0.02054	5.12E-04	5.24E-04	4.99E-04
3719	498363.09, 3851377.25	0.01878	4.68E-04	4.79E-04	4.56E-04
3720	471363.09, 3851877.25	0.01806	4.50E-04	4.60E-04	4.39E-04
3721	471863.09, 3851877.25	0.01817	4.53E-04	4.63E-04	4.41E-04
3722	472363.09, 3851877.25	0.0229	5.70E-04	5.84E-04	5.56E-04
3723	472863.09, 3851877.25	0.0277	6.90E-04	7.06E-04	6.73E-04
3724	473363.09, 3851877.25	0.02664	6.63E-04	6.79E-04	6.47E-04
3725	473863.09, 3851877.25	0.02892	7.20E-04	7.37E-04	7.02E-04
3726	474363.09, 3851877.25	0.03788	9.43E-04	9.66E-04	9.20E-04
3727	474863.09, 3851877.25	0.04746	1.18E-03	1.21E-03	1.15E-03
3728	475363.09, 3851877.25	0.05493	1.37E-03	1.40E-03	1.33E-03
3729	475863.09, 3851877.25	0.06158	1.53E-03	1.57E-03	1.50E-03
3730	476363.09, 3851877.25	0.06487	1.62E-03	1.65E-03	1.58E-03
3731	476863.09, 3851877.25	0.07523	1.87E-03	1.92E-03	1.83E-03
3732	477363.09, 3851877.25	0.08667	2.16E-03	2.21E-03	2.11E-03
3733	477863.09, 3851877.25	0.09879	2.46E-03	2.52E-03	2.40E-03
3734	478363.09, 3851877.25	0.11081	2.76E-03	2.82E-03	2.69E-03
3735	478863.09, 3851877.25	0.13248	3.30E-03	3.38E-03	3.22E-03
3736	479363.09, 3851877.25	0.15923	3.97E-03	4.06E-03	3.87E-03
3737	479863.09, 3851877.25	0.19254	4.80E-03	4.91E-03	4.68E-03
3738	480363.09, 3851877.25	0.25076	6.25E-03	6.39E-03	6.09E-03
3739	480863.09, 3851877.25	0.36497	9.09E-03	9.30E-03	8.86E-03
3740	481363.09, 3851877.25	0.88552	2.21E-02	2.26E-02	2.15E-02
3741	481863.09, 3851877.25	0.97843	2.44E-02	2.49E-02	2.38E-02
3742	482363.09, 3851877.25	0.38462	9.58E-03	9.80E-03	9.34E-03
3743	482863.09, 3851877.25	0.23366	5.82E-03	5.96E-03	5.68E-03
3744	483363.09, 3851877.25	0.20555	5.12E-03	5.24E-03	4.99E-03
3745	483863.09, 3851877.25	0.1715	4.27E-03	4.37E-03	4.17E-03
3746	484363.09, 3851877.25	0.16246	4.05E-03	4.14E-03	3.95E-03
3747	484863.09, 3851877.25	0.13853	3.45E-03	3.53E-03	3.36E-03
3748	485363.09, 3851877.25	0.12692	3.16E-03	3.24E-03	3.08E-03
3749	485863.09, 3851877.25	0.11553	2.88E-03	2.95E-03	2.81E-03
3750	486363.09, 3851877.25	0.0989	2.46E-03	2.52E-03	2.40E-03
3751	486863.09, 3851877.25	0.08915	2.22E-03	2.27E-03	2.17E-03
3752	487363.09, 3851877.25	0.08024	2.00E-03	2.05E-03	1.95E-03
3753	487863.09, 3851877.25	0.0677	1.69E-03	1.73E-03	1.64E-03
3754	488363.09, 3851877.25	0.06183	1.54E-03	1.58E-03	1.50E-03
3755	488863.09, 3851877.25	0.05432	1.35E-03	1.38E-03	1.32E-03
3756	489363.09, 3851877.25	0.04811	1.20E-03	1.23E-03	1.17E-03
3757	489863.09, 3851877.25	0.0435	1.08E-03	1.11E-03	1.06E-03
3758	490363.09, 3851877.25	0.04039	1.01E-03	1.03E-03	9.81E-04
3759	490863.09, 3851877.25	0.03792	9.44E-04	9.67E-04	9.21E-04
3760	491363.09, 3851877.25	0.03596	8.96E-04	9.17E-04	8.73E-04
3761	491863.09, 3851877.25	0.03377	8.41E-04	8.61E-04	8.20E-04
3762	492363.09, 3851877.25	0.03041	7.57E-04	7.75E-04	7.39E-04
3763	492863.09, 3851877.25	0.02426	6.04E-04	6.18E-04	5.89E-04
3764	493363.09, 3851877.25	0.02696	6.71E-04	6.87E-04	6.55E-04
3765	493863.09, 3851877.25	0.02924	7.28E-04	7.45E-04	7.10E-04
3766	494363.09, 3851877.25	0.02674	6.66E-04	6.82E-04	6.49E-04
3767	494863.09, 3851877.25	0.02736	6.81E-04	6.97E-04	6.65E-04
3768	495363.09, 3851877.25	0.02702	6.73E-04	6.89E-04	6.56E-04
3769	495863.09, 3851877.25	0.02632	6.55E-04	6.71E-04	6.39E-04
3770	496363.09, 3851877.25	0.02487	6.19E-04	6.34E-04	6.04E-04
3771	496863.09, 3851877.25	0.0234	5.83E-04	5.97E-04	5.68E-04
3772	497363.09, 3851877.25	0.02194	5.46E-04	5.59E-04	5.33E-04

3773	497863.09, 3851877.25	0.01992	4.96E-04	5.08E-04	4.84E-04
3774	498363.09, 3851877.25	0.01813	4.52E-04	4.62E-04	4.40E-04
3775	471363.09, 3852377.25	0.01395	3.47E-04	3.56E-04	3.39E-04
3776	471863.09, 3852377.25	0.01737	4.33E-04	4.43E-04	4.22E-04
3777	472363.09, 3852377.25	0.02004	4.99E-04	5.11E-04	4.87E-04
3778	472863.09, 3852377.25	0.0228	5.68E-04	5.81E-04	5.54E-04
3779	473363.09, 3852377.25	0.02487	6.19E-04	6.34E-04	6.04E-04
3780	473863.09, 3852377.25	0.02629	6.55E-04	6.70E-04	6.39E-04
3781	474363.09, 3852377.25	0.02798	6.97E-04	7.13E-04	6.80E-04
3782	474863.09, 3852377.25	0.03935	9.80E-04	1.00E-03	9.56E-04
3783	475363.09, 3852377.25	0.04238	1.06E-03	1.08E-03	1.03E-03
3784	475863.09, 3852377.25	0.04508	1.12E-03	1.15E-03	1.09E-03
3785	476363.09, 3852377.25	0.04613	1.15E-03	1.18E-03	1.12E-03
3786	476863.09, 3852377.25	0.05168	1.29E-03	1.32E-03	1.26E-03
3787	477363.09, 3852377.25	0.05511	1.37E-03	1.40E-03	1.34E-03
3788	477863.09, 3852377.25	0.04674	1.16E-03	1.19E-03	1.14E-03
3789	478363.09, 3852377.25	0.04224	1.05E-03	1.08E-03	1.03E-03
3790	478863.09, 3852377.25	0.06332	1.58E-03	1.61E-03	1.54E-03
3791	479363.09, 3852377.25	0.08156	2.03E-03	2.08E-03	1.98E-03
3792	479863.09, 3852377.25	0.1246	3.10E-03	3.18E-03	3.03E-03
3793	480363.09, 3852377.25	0.16162	4.03E-03	4.12E-03	3.93E-03
3794	480863.09, 3852377.25	0.20871	5.20E-03	5.32E-03	5.07E-03
3795	481363.09, 3852377.25	0.31432	7.83E-03	8.01E-03	7.63E-03
3796	481863.09, 3852377.25	0.88839	2.21E-02	2.26E-02	2.16E-02
3797	482363.09, 3852377.25	0.88087	2.19E-02	2.25E-02	2.14E-02
3798	482863.09, 3852377.25	0.41641	1.04E-02	1.06E-02	1.01E-02
3799	483363.09, 3852377.25	0.24432	6.08E-03	6.23E-03	5.93E-03
3800	483863.09, 3852377.25	0.18476	4.60E-03	4.71E-03	4.49E-03
3801	484363.09, 3852377.25	0.17498	4.36E-03	4.46E-03	4.25E-03
3802	484863.09, 3852377.25	0.15883	3.96E-03	4.05E-03	3.86E-03
3803	485363.09, 3852377.25	0.14288	3.56E-03	3.64E-03	3.47E-03
3804	485863.09, 3852377.25	0.12034	3.00E-03	3.07E-03	2.92E-03
3805	486363.09, 3852377.25	0.09857	2.45E-03	2.51E-03	2.39E-03
3806	486863.09, 3852377.25	0.08614	2.15E-03	2.20E-03	2.09E-03
3807	487363.09, 3852377.25	0.07403	1.84E-03	1.89E-03	1.80E-03
3808	487863.09, 3852377.25	0.06383	1.59E-03	1.63E-03	1.55E-03
3809	488363.09, 3852377.25	0.05516	1.37E-03	1.41E-03	1.34E-03
3810	488863.09, 3852377.25	0.04722	1.18E-03	1.20E-03	1.15E-03
3811	489363.09, 3852377.25	0.04148	1.03E-03	1.06E-03	1.01E-03
3812	489863.09, 3852377.25	0.03526	8.78E-04	8.99E-04	8.56E-04
3813	490363.09, 3852377.25	0.03551	8.84E-04	9.05E-04	8.63E-04
3814	490863.09, 3852377.25	0.03499	8.71E-04	8.92E-04	8.50E-04
3815	491363.09, 3852377.25	0.0372	9.26E-04	9.48E-04	9.04E-04
3816	491863.09, 3852377.25	0.03533	8.80E-04	9.01E-04	8.58E-04
3817	492363.09, 3852377.25	0.03336	8.31E-04	8.50E-04	8.10E-04
3818	492863.09, 3852377.25	0.03281	8.17E-04	8.36E-04	7.97E-04
3819	493363.09, 3852377.25	0.0333	8.29E-04	8.49E-04	8.09E-04
3820	493863.09, 3852377.25	0.03123	7.78E-04	7.96E-04	7.59E-04
3821	494363.09, 3852377.25	0.02935	7.31E-04	7.48E-04	7.13E-04
3822	494863.09, 3852377.25	0.029	7.22E-04	7.39E-04	7.04E-04
3823	495363.09, 3852377.25	0.02865	7.14E-04	7.30E-04	6.96E-04
3824	495863.09, 3852377.25	0.02674	6.66E-04	6.82E-04	6.49E-04
3825	496363.09, 3852377.25	0.02488	6.20E-04	6.34E-04	6.04E-04
3826	496863.09, 3852377.25	0.02346	5.84E-04	5.98E-04	5.70E-04
3827	497363.09, 3852377.25	0.02104	5.24E-04	5.36E-04	5.11E-04
3828	497863.09, 3852377.25	0.01865	4.64E-04	4.75E-04	4.53E-04
3829	498363.09, 3852377.25	0.0165	4.11E-04	4.21E-04	4.01E-04
3830	471363.09, 3852877.25	0.01406	3.50E-04	3.58E-04	3.42E-04
3831	471863.09, 3852877.25	0.01633	4.07E-04	4.16E-04	3.97E-04

3832	472363.09, 3852877.25	0.01863	4.64E-04	4.75E-04	4.53E-04
3833	472863.09, 3852877.25	0.0209	5.21E-04	5.33E-04	5.08E-04
3834	473363.09, 3852877.25	0.02328	5.80E-04	5.93E-04	5.65E-04
3835	473863.09, 3852877.25	0.02634	6.56E-04	6.71E-04	6.40E-04
3836	474363.09, 3852877.25	0.02952	7.35E-04	7.53E-04	7.17E-04
3837	474863.09, 3852877.25	0.02774	6.91E-04	7.07E-04	6.74E-04
3838	475363.09, 3852877.25	0.03218	8.01E-04	8.20E-04	7.82E-04
3839	475863.09, 3852877.25	0.03436	8.56E-04	8.76E-04	8.35E-04
3840	476363.09, 3852877.25	0.0323	8.04E-04	8.23E-04	7.85E-04
3841	476863.09, 3852877.25	0.02709	6.75E-04	6.91E-04	6.58E-04
3842	477363.09, 3852877.25	0.02385	5.94E-04	6.08E-04	5.79E-04
3843	477863.09, 3852877.25	0.02015	5.02E-04	5.14E-04	4.89E-04
3844	478363.09, 3852877.25	0.01433	3.57E-04	3.65E-04	3.48E-04
3845	478863.09, 3852877.25	0.01958	4.88E-04	4.99E-04	4.76E-04
3846	479363.09, 3852877.25	0.03268	8.14E-04	8.33E-04	7.94E-04
3847	479863.09, 3852877.25	0.06853	1.71E-03	1.75E-03	1.66E-03
3848	480363.09, 3852877.25	0.11352	2.83E-03	2.89E-03	2.76E-03
3849	480863.09, 3852877.25	0.14185	3.53E-03	3.62E-03	3.45E-03
3850	481363.09, 3852877.25	0.18765	4.67E-03	4.78E-03	4.56E-03
3851	481863.09, 3852877.25	0.29533	7.36E-03	7.53E-03	7.17E-03
3852	482363.09, 3852877.25	0.98021	2.44E-02	2.50E-02	2.38E-02
3853	482863.09, 3852877.25	0.81701	2.03E-02	2.08E-02	1.98E-02
3854	483363.09, 3852877.25	0.37016	9.22E-03	9.44E-03	8.99E-03
3855	483863.09, 3852877.25	0.21244	5.29E-03	5.42E-03	5.16E-03
3856	484363.09, 3852877.25	0.19155	4.77E-03	4.88E-03	4.65E-03
3857	484863.09, 3852877.25	0.16532	4.12E-03	4.21E-03	4.02E-03
3858	485363.09, 3852877.25	0.11898	2.96E-03	3.03E-03	2.89E-03
3859	485863.09, 3852877.25	0.09852	2.45E-03	2.51E-03	2.39E-03
3860	486363.09, 3852877.25	0.08171	2.03E-03	2.08E-03	1.98E-03
3861	486863.09, 3852877.25	0.07208	1.80E-03	1.84E-03	1.75E-03
3862	487363.09, 3852877.25	0.0617	1.54E-03	1.57E-03	1.50E-03
3863	487863.09, 3852877.25	0.05406	1.35E-03	1.38E-03	1.31E-03
3864	488363.09, 3852877.25	0.03812	9.49E-04	9.72E-04	9.26E-04
3865	488863.09, 3852877.25	0.03788	9.43E-04	9.66E-04	9.20E-04
3866	489363.09, 3852877.25	0.03579	8.91E-04	9.12E-04	8.69E-04
3867	489863.09, 3852877.25	0.03378	8.41E-04	8.61E-04	8.20E-04
3868	490363.09, 3852877.25	0.03873	9.65E-04	9.87E-04	9.41E-04
3869	490863.09, 3852877.25	0.03871	9.64E-04	9.87E-04	9.40E-04
3870	491363.09, 3852877.25	0.03826	9.53E-04	9.75E-04	9.29E-04
3871	491863.09, 3852877.25	0.03656	9.11E-04	9.32E-04	8.88E-04
3872	492363.09, 3852877.25	0.03529	8.79E-04	9.00E-04	8.57E-04
3873	492863.09, 3852877.25	0.03517	8.76E-04	8.97E-04	8.54E-04
3874	493363.09, 3852877.25	0.03434	8.55E-04	8.75E-04	8.34E-04
3875	493863.09, 3852877.25	0.03245	8.08E-04	8.27E-04	7.88E-04
3876	494363.09, 3852877.25	0.0309	7.70E-04	7.88E-04	7.51E-04
3877	494863.09, 3852877.25	0.02984	7.43E-04	7.61E-04	7.25E-04
3878	495363.09, 3852877.25	0.02772	6.90E-04	7.07E-04	6.73E-04
3879	495863.09, 3852877.25	0.02575	6.41E-04	6.56E-04	6.25E-04
3880	496363.09, 3852877.25	0.02461	6.13E-04	6.27E-04	5.98E-04
3881	496863.09, 3852877.25	0.02311	5.76E-04	5.89E-04	5.61E-04
3882	497363.09, 3852877.25	0.01999	4.98E-04	5.10E-04	4.86E-04
3883	497863.09, 3852877.25	0.01516	3.78E-04	3.86E-04	3.68E-04
3884	498363.09, 3852877.25	0.01401	3.49E-04	3.57E-04	3.40E-04
3885	471363.09, 3853377.25	0.01403	3.49E-04	3.58E-04	3.41E-04
3886	471863.09, 3853377.25	0.01574	3.92E-04	4.01E-04	3.82E-04
3887	472363.09, 3853377.25	0.01743	4.34E-04	4.44E-04	4.23E-04
3888	472863.09, 3853377.25	0.01933	4.81E-04	4.93E-04	4.70E-04
3889	473363.09, 3853377.25	0.02067	5.15E-04	5.27E-04	5.02E-04
3890	473863.09, 3853377.25	0.02225	5.54E-04	5.67E-04	5.40E-04

3891	474363.09, 3853377.25	0.02355	5.87E-04	6.00E-04	5.72E-04
3892	474863.09, 3853377.25	0.02295	5.72E-04	5.85E-04	5.57E-04
3893	475363.09, 3853377.25	0.02308	5.75E-04	5.88E-04	5.61E-04
3894	475863.09, 3853377.25	0.0231	5.75E-04	5.89E-04	5.61E-04
3895	476363.09, 3853377.25	0.02058	5.13E-04	5.25E-04	5.00E-04
3896	476863.09, 3853377.25	0.01581	3.94E-04	4.03E-04	3.84E-04
3897	477363.09, 3853377.25	0.01524	3.80E-04	3.89E-04	3.70E-04
3898	477863.09, 3853377.25	0.0158	3.93E-04	4.03E-04	3.84E-04
3899	478363.09, 3853377.25	0.01243	3.10E-04	3.17E-04	3.02E-04
3900	478863.09, 3853377.25	0.00827	2.06E-04	2.11E-04	2.01E-04
3901	479363.09, 3853377.25	0.01849	4.60E-04	4.71E-04	4.49E-04
3902	479863.09, 3853377.25	0.03346	8.33E-04	8.53E-04	8.13E-04
3903	480363.09, 3853377.25	0.06516	1.62E-03	1.66E-03	1.58E-03
3904	480863.09, 3853377.25	0.06543	1.63E-03	1.67E-03	1.59E-03
3905	481363.09, 3853377.25	0.10822	2.70E-03	2.76E-03	2.63E-03
3906	481863.09, 3853377.25	0.1644	4.09E-03	4.19E-03	3.99E-03
3907	482363.09, 3853377.25	0.27034	6.73E-03	6.89E-03	6.57E-03
3908	482863.09, 3853377.25	1.90988	4.76E-02	4.87E-02	4.64E-02
3909	483363.09, 3853377.25	0.3664	9.13E-03	9.34E-03	8.90E-03
3910	483863.09, 3853377.25	0.2162	5.38E-03	5.51E-03	5.25E-03
3911	484363.09, 3853377.25	0.17291	4.31E-03	4.41E-03	4.20E-03
3912	484863.09, 3853377.25	0.12651	3.15E-03	3.23E-03	3.07E-03
3913	485363.09, 3853377.25	0.08773	2.18E-03	2.24E-03	2.13E-03
3914	485863.09, 3853377.25	0.06504	1.62E-03	1.66E-03	1.58E-03
3915	486363.09, 3853377.25	0.06117	1.52E-03	1.56E-03	1.49E-03
3916	486863.09, 3853377.25	0.05646	1.41E-03	1.44E-03	1.37E-03
3917	487363.09, 3853377.25	0.0545	1.36E-03	1.39E-03	1.32E-03
3918	487863.09, 3853377.25	0.05171	1.29E-03	1.32E-03	1.26E-03
3919	488363.09, 3853377.25	0.05001	1.25E-03	1.27E-03	1.21E-03
3920	488863.09, 3853377.25	0.04693	1.17E-03	1.20E-03	1.14E-03
3921	489363.09, 3853377.25	0.04397	1.10E-03	1.12E-03	1.07E-03
3922	489863.09, 3853377.25	0.04048	1.01E-03	1.03E-03	9.83E-04
3923	490363.09, 3853377.25	0.03985	9.92E-04	1.02E-03	9.68E-04
3924	490863.09, 3853377.25	0.03882	9.67E-04	9.90E-04	9.43E-04
3925	491363.09, 3853377.25	0.03772	9.39E-04	9.62E-04	9.16E-04
3926	491863.09, 3853377.25	0.03649	9.09E-04	9.30E-04	8.86E-04
3927	492363.09, 3853377.25	0.03601	8.97E-04	9.18E-04	8.75E-04
3928	492863.09, 3853377.25	0.03547	8.83E-04	9.04E-04	8.62E-04
3929	493363.09, 3853377.25	0.03412	8.50E-04	8.70E-04	8.29E-04
3930	493863.09, 3853377.25	0.0327	8.14E-04	8.34E-04	7.94E-04
3931	494363.09, 3853377.25	0.03076	7.66E-04	7.84E-04	7.47E-04
3932	494863.09, 3853377.25	0.0287	7.15E-04	7.32E-04	6.97E-04
3933	495363.09, 3853377.25	0.02731	6.80E-04	6.96E-04	6.63E-04
3934	495863.09, 3853377.25	0.02562	6.38E-04	6.53E-04	6.22E-04
3935	496363.09, 3853377.25	0.02361	5.88E-04	6.02E-04	5.73E-04
3936	496863.09, 3853377.25	0.02097	5.22E-04	5.35E-04	5.09E-04
3937	497363.09, 3853377.25	0.01768	4.40E-04	4.51E-04	4.29E-04
3938	497863.09, 3853377.25	0.01179	2.94E-04	3.01E-04	2.86E-04
3939	498363.09, 3853377.25	0.00913	2.27E-04	2.33E-04	2.22E-04
3940	471363.09, 3853877.25	0.01366	3.40E-04	3.48E-04	3.32E-04
3941	471863.09, 3853877.25	0.01531	3.81E-04	3.90E-04	3.72E-04
3942	472363.09, 3853877.25	0.01643	4.09E-04	4.19E-04	3.99E-04
3943	472863.09, 3853877.25	0.01791	4.46E-04	4.57E-04	4.35E-04
3944	473363.09, 3853877.25	0.01875	4.67E-04	4.78E-04	4.55E-04
3945	473863.09, 3853877.25	0.01963	4.89E-04	5.00E-04	4.77E-04
3946	474363.09, 3853877.25	0.02071	5.16E-04	5.28E-04	5.03E-04
3947	474863.09, 3853877.25	0.02135	5.32E-04	5.44E-04	5.19E-04
3948	475363.09, 3853877.25	0.02003	4.99E-04	5.11E-04	4.87E-04
3949	475863.09, 3853877.25	0.01605	4.00E-04	4.09E-04	3.90E-04

3950	476363.09, 3853877.25	0.01214	3.02E-04	3.09E-04	2.95E-04
3951	476863.09, 3853877.25	0.00798	1.99E-04	2.03E-04	1.94E-04
3952	477363.09, 3853877.25	0.00887	2.21E-04	2.26E-04	2.15E-04
3953	477863.09, 3853877.25	0.01094	2.72E-04	2.79E-04	2.66E-04
3954	478363.09, 3853877.25	0.01156	2.88E-04	2.95E-04	2.81E-04
3955	478863.09, 3853877.25	0.00657	1.64E-04	1.67E-04	1.60E-04
3956	479363.09, 3853877.25	0.0107	2.66E-04	2.73E-04	2.60E-04
3957	479863.09, 3853877.25	0.0246	6.13E-04	6.27E-04	5.98E-04
3958	480363.09, 3853877.25	0.03735	9.30E-04	9.52E-04	9.07E-04
3959	480863.09, 3853877.25	0.06139	1.53E-03	1.56E-03	1.49E-03
3960	481363.09, 3853877.25	0.07956	1.98E-03	2.03E-03	1.93E-03
3961	481863.09, 3853877.25	0.10026	2.50E-03	2.56E-03	2.44E-03
3962	482363.09, 3853877.25	0.11601	2.89E-03	2.96E-03	2.82E-03
3963	482863.09, 3853877.25	0.12178	3.03E-03	3.10E-03	2.96E-03
3964	483363.09, 3853877.25	0.11751	2.93E-03	3.00E-03	2.85E-03
3965	483863.09, 3853877.25	0.11148	2.78E-03	2.84E-03	2.71E-03
3966	484363.09, 3853877.25	0.09409	2.34E-03	2.40E-03	2.29E-03
3967	484863.09, 3853877.25	0.07663	1.91E-03	1.95E-03	1.86E-03
3968	485363.09, 3853877.25	0.05752	1.43E-03	1.47E-03	1.40E-03
3969	485863.09, 3853877.25	0.05843	1.46E-03	1.49E-03	1.42E-03
3970	486363.09, 3853877.25	0.05298	1.32E-03	1.35E-03	1.29E-03
3971	486863.09, 3853877.25	0.04824	1.20E-03	1.23E-03	1.17E-03
3972	487363.09, 3853877.25	0.04746	1.18E-03	1.21E-03	1.15E-03
3973	487863.09, 3853877.25	0.04878	1.21E-03	1.24E-03	1.18E-03
3974	488363.09, 3853877.25	0.04751	1.18E-03	1.21E-03	1.15E-03
3975	488863.09, 3853877.25	0.04708	1.17E-03	1.20E-03	1.14E-03
3976	489363.09, 3853877.25	0.04344	1.08E-03	1.11E-03	1.06E-03
3977	489863.09, 3853877.25	0.04196	1.04E-03	1.07E-03	1.02E-03
3978	490363.09, 3853877.25	0.03972	9.89E-04	1.01E-03	9.65E-04
3979	490863.09, 3853877.25	0.03823	9.52E-04	9.75E-04	9.29E-04
3980	491363.09, 3853877.25	0.03695	9.20E-04	9.42E-04	8.97E-04
3981	491863.09, 3853877.25	0.03574	8.90E-04	9.11E-04	8.68E-04
3982	492363.09, 3853877.25	0.0353	8.79E-04	9.00E-04	8.57E-04
3983	492863.09, 3853877.25	0.03441	8.57E-04	8.77E-04	8.36E-04
3984	493363.09, 3853877.25	0.03299	8.22E-04	8.41E-04	8.01E-04
3985	493863.09, 3853877.25	0.03138	7.82E-04	8.00E-04	7.62E-04
3986	494363.09, 3853877.25	0.03003	7.48E-04	7.66E-04	7.29E-04
3987	494863.09, 3853877.25	0.02837	7.07E-04	7.23E-04	6.89E-04
3988	495363.09, 3853877.25	0.02543	6.33E-04	6.48E-04	6.18E-04
3989	495863.09, 3853877.25	0.02294	5.71E-04	5.85E-04	5.57E-04
3990	496363.09, 3853877.25	0.02123	5.29E-04	5.41E-04	5.16E-04
3991	496863.09, 3853877.25	0.01834	4.57E-04	4.68E-04	4.45E-04
3992	497363.09, 3853877.25	0.01586	3.95E-04	4.04E-04	3.85E-04
3993	497863.09, 3853877.25	0.01254	3.12E-04	3.20E-04	3.05E-04
3994	498363.09, 3853877.25	0.01067	2.66E-04	2.72E-04	2.59E-04
3995	471363.09, 3854377.25	0.01324	3.30E-04	3.38E-04	3.22E-04
3996	471863.09, 3854377.25	0.01463	3.64E-04	3.73E-04	3.55E-04
3997	472363.09, 3854377.25	0.01577	3.93E-04	4.02E-04	3.83E-04
3998	472863.09, 3854377.25	0.01658	4.13E-04	4.23E-04	4.03E-04
3999	473363.09, 3854377.25	0.01766	4.40E-04	4.50E-04	4.29E-04
4000	473863.09, 3854377.25	0.01897	4.72E-04	4.84E-04	4.61E-04
4001	474363.09, 3854377.25	0.02007	5.00E-04	5.12E-04	4.87E-04
4002	474863.09, 3854377.25	0.01885	4.69E-04	4.81E-04	4.58E-04
4003	475363.09, 3854377.25	0.01549	3.86E-04	3.95E-04	3.76E-04
4004	475863.09, 3854377.25	0.00908	2.26E-04	2.31E-04	2.21E-04
4005	476363.09, 3854377.25	0.00738	1.84E-04	1.88E-04	1.79E-04
4006	476863.09, 3854377.25	0.00656	1.63E-04	1.67E-04	1.59E-04
4007	477363.09, 3854377.25	0.00609	1.52E-04	1.55E-04	1.48E-04
4008	477863.09, 3854377.25	0.00595	1.48E-04	1.52E-04	1.45E-04

4009	478363.09, 3854377.25	0.00739	1.84E-04	1.88E-04	1.79E-04
4010	478863.09, 3854377.25	0.00809	2.01E-04	2.06E-04	1.96E-04
4011	479363.09, 3854377.25	0.015	3.74E-04	3.82E-04	3.64E-04
4012	479863.09, 3854377.25	0.01996	4.97E-04	5.09E-04	4.85E-04
4013	480363.09, 3854377.25	0.02779	6.92E-04	7.08E-04	6.75E-04
4014	480863.09, 3854377.25	0.04114	1.02E-03	1.05E-03	9.99E-04
4015	481363.09, 3854377.25	0.05449	1.36E-03	1.39E-03	1.32E-03
4016	481863.09, 3854377.25	0.06796	1.69E-03	1.73E-03	1.65E-03
4017	482363.09, 3854377.25	0.07012	1.75E-03	1.79E-03	1.70E-03
4018	482863.09, 3854377.25	0.06985	1.74E-03	1.78E-03	1.70E-03
4019	483363.09, 3854377.25	0.06843	1.70E-03	1.74E-03	1.66E-03
4020	483863.09, 3854377.25	0.06205	1.55E-03	1.58E-03	1.51E-03
4021	484363.09, 3854377.25	0.05256	1.31E-03	1.34E-03	1.28E-03
4022	484863.09, 3854377.25	0.04359	1.09E-03	1.11E-03	1.06E-03
4023	485363.09, 3854377.25	0.04993	1.24E-03	1.27E-03	1.21E-03
4024	485863.09, 3854377.25	0.04449	1.11E-03	1.13E-03	1.08E-03
4025	486363.09, 3854377.25	0.04647	1.16E-03	1.18E-03	1.13E-03
4026	486863.09, 3854377.25	0.04369	1.09E-03	1.11E-03	1.06E-03
4027	487363.09, 3854377.25	0.04311	1.07E-03	1.10E-03	1.05E-03
4028	487863.09, 3854377.25	0.04399	1.10E-03	1.12E-03	1.07E-03
4029	488363.09, 3854377.25	0.04388	1.09E-03	1.12E-03	1.07E-03
4030	488863.09, 3854377.25	0.04304	1.07E-03	1.10E-03	1.05E-03
4031	489363.09, 3854377.25	0.04176	1.04E-03	1.06E-03	1.01E-03
4032	489863.09, 3854377.25	0.04014	1.00E-03	1.02E-03	9.75E-04
4033	490363.09, 3854377.25	0.03832	9.54E-04	9.77E-04	9.31E-04
4034	490863.09, 3854377.25	0.03349	8.34E-04	8.54E-04	8.13E-04
4035	491363.09, 3854377.25	0.03434	8.55E-04	8.75E-04	8.34E-04
4036	491863.09, 3854377.25	0.03444	8.58E-04	8.78E-04	8.37E-04
4037	492363.09, 3854377.25	0.03374	8.40E-04	8.60E-04	8.20E-04
4038	492863.09, 3854377.25	0.03255	8.11E-04	8.30E-04	7.91E-04
4039	493363.09, 3854377.25	0.03111	7.75E-04	7.93E-04	7.56E-04
4040	493863.09, 3854377.25	0.02963	7.38E-04	7.55E-04	7.20E-04
4041	494363.09, 3854377.25	0.02827	7.04E-04	7.21E-04	6.87E-04
4042	494863.09, 3854377.25	0.02469	6.15E-04	6.29E-04	6.00E-04
4043	495363.09, 3854377.25	0.02069	5.15E-04	5.27E-04	5.03E-04
4044	495863.09, 3854377.25	0.0179	4.46E-04	4.56E-04	4.35E-04
4045	496363.09, 3854377.25	0.01657	4.13E-04	4.22E-04	4.02E-04
4046	496863.09, 3854377.25	0.01476	3.68E-04	3.76E-04	3.59E-04
4047	497363.09, 3854377.25	0.01182	2.94E-04	3.01E-04	2.87E-04
4048	497863.09, 3854377.25	0.01236	3.08E-04	3.15E-04	3.00E-04
4049	498363.09, 3854377.25	0.01083	2.70E-04	2.76E-04	2.63E-04
4050	471363.09, 3854877.25	0.01303	3.25E-04	3.32E-04	3.16E-04
4051	471863.09, 3854877.25	0.014	3.49E-04	3.57E-04	3.40E-04
4052	472363.09, 3854877.25	0.01491	3.71E-04	3.80E-04	3.62E-04
4053	472863.09, 3854877.25	0.0152	3.79E-04	3.87E-04	3.69E-04
4054	473363.09, 3854877.25	0.01647	4.10E-04	4.20E-04	4.00E-04
4055	473863.09, 3854877.25	0.01764	4.39E-04	4.50E-04	4.28E-04
4056	474363.09, 3854877.25	0.01911	4.76E-04	4.87E-04	4.64E-04
4057	474863.09, 3854877.25	0.01574	3.92E-04	4.01E-04	3.82E-04
4058	475363.09, 3854877.25	0.01133	2.82E-04	2.89E-04	2.75E-04
4059	475863.09, 3854877.25	0.00733	1.83E-04	1.87E-04	1.78E-04
4060	476363.09, 3854877.25	0.0034	8.47E-05	8.67E-05	8.26E-05
4061	476863.09, 3854877.25	0.00311	7.75E-05	7.93E-05	7.55E-05
4062	477363.09, 3854877.25	0.00408	1.02E-04	1.04E-04	9.91E-05
4063	477863.09, 3854877.25	0.00501	1.25E-04	1.28E-04	1.22E-04
4064	478363.09, 3854877.25	0.00768	1.91E-04	1.96E-04	1.87E-04
4065	478863.09, 3854877.25	0.01211	3.02E-04	3.09E-04	2.94E-04
4066	479363.09, 3854877.25	0.01778	4.43E-04	4.53E-04	4.32E-04
4067	479863.09, 3854877.25	0.0242	6.03E-04	6.17E-04	5.88E-04

4068	480363.09, 3854877.25	0.02914	7.26E-04	7.43E-04	7.08E-04
4069	480863.09, 3854877.25	0.03791	9.44E-04	9.66E-04	9.21E-04
4070	481363.09, 3854877.25	0.04304	1.07E-03	1.10E-03	1.05E-03
4071	481863.09, 3854877.25	0.04071	1.01E-03	1.04E-03	9.89E-04
4072	482363.09, 3854877.25	0.05106	1.27E-03	1.30E-03	1.24E-03
4073	482863.09, 3854877.25	0.0506	1.26E-03	1.29E-03	1.23E-03
4074	483363.09, 3854877.25	0.0507	1.26E-03	1.29E-03	1.23E-03
4075	483863.09, 3854877.25	0.04961	1.24E-03	1.26E-03	1.20E-03
4076	484363.09, 3854877.25	0.04548	1.13E-03	1.16E-03	1.10E-03
4077	484863.09, 3854877.25	0.0441	1.10E-03	1.12E-03	1.07E-03
4078	485363.09, 3854877.25	0.04191	1.04E-03	1.07E-03	1.02E-03
4079	485863.09, 3854877.25	0.04083	1.02E-03	1.04E-03	9.92E-04
4080	486363.09, 3854877.25	0.03967	9.88E-04	1.01E-03	9.64E-04
4081	486863.09, 3854877.25	0.0394	9.81E-04	1.00E-03	9.57E-04
4082	487363.09, 3854877.25	0.04075	1.01E-03	1.04E-03	9.90E-04
4083	487863.09, 3854877.25	0.04058	1.01E-03	1.03E-03	9.86E-04
4084	488363.09, 3854877.25	0.03977	9.90E-04	1.01E-03	9.66E-04
4085	488863.09, 3854877.25	0.03932	9.79E-04	1.00E-03	9.55E-04
4086	489363.09, 3854877.25	0.03838	9.56E-04	9.78E-04	9.32E-04
4087	489863.09, 3854877.25	0.03643	9.07E-04	9.29E-04	8.85E-04
4088	490363.09, 3854877.25	0.03093	7.70E-04	7.88E-04	7.51E-04
4089	490863.09, 3854877.25	0.02425	6.04E-04	6.18E-04	5.89E-04
4090	491363.09, 3854877.25	0.02582	6.43E-04	6.58E-04	6.27E-04
4091	491863.09, 3854877.25	0.03211	8.00E-04	8.19E-04	7.80E-04
4092	492363.09, 3854877.25	0.03168	7.89E-04	8.08E-04	7.69E-04
4093	492863.09, 3854877.25	0.03054	7.61E-04	7.79E-04	7.42E-04
4094	493363.09, 3854877.25	0.02909	7.24E-04	7.42E-04	7.07E-04
4095	493863.09, 3854877.25	0.02783	6.93E-04	7.09E-04	6.76E-04
4096	494363.09, 3854877.25	0.02368	5.90E-04	6.04E-04	5.75E-04
4097	494863.09, 3854877.25	0.01872	4.66E-04	4.77E-04	4.55E-04
4098	495363.09, 3854877.25	0.01544	3.85E-04	3.94E-04	3.75E-04
4099	495863.09, 3854877.25	0.01367	3.40E-04	3.48E-04	3.32E-04
4100	496363.09, 3854877.25	0.01124	2.80E-04	2.87E-04	2.73E-04
4101	496863.09, 3854877.25	0.00989	2.46E-04	2.52E-04	2.40E-04
4102	497363.09, 3854877.25	0.00966	2.41E-04	2.46E-04	2.35E-04
4103	497863.09, 3854877.25	0.01086	2.70E-04	2.77E-04	2.64E-04
4104	498363.09, 3854877.25	0.01083	2.70E-04	2.76E-04	2.63E-04
4105	471363.09, 3855377.25	0.01293	3.22E-04	3.30E-04	3.14E-04
4106	471863.09, 3855377.25	0.01348	3.36E-04	3.44E-04	3.27E-04
4107	472363.09, 3855377.25	0.01454	3.62E-04	3.71E-04	3.53E-04
4108	472863.09, 3855377.25	0.015	3.74E-04	3.82E-04	3.64E-04
4109	473363.09, 3855377.25	0.01626	4.05E-04	4.15E-04	3.95E-04
4110	473863.09, 3855377.25	0.01726	4.30E-04	4.40E-04	4.19E-04
4111	474363.09, 3855377.25	0.01804	4.49E-04	4.60E-04	4.38E-04
4112	474863.09, 3855377.25	0.01531	3.81E-04	3.90E-04	3.72E-04
4113	475363.09, 3855377.25	0.00592	1.47E-04	1.51E-04	1.44E-04
4114	475863.09, 3855377.25	0.00361	8.99E-05	9.20E-05	8.77E-05
4115	476363.09, 3855377.25	0.00449	1.12E-04	1.14E-04	1.09E-04
4116	476863.09, 3855377.25	0.00405	1.01E-04	1.03E-04	9.84E-05
4117	477363.09, 3855377.25	0.00453	1.13E-04	1.15E-04	1.10E-04
4118	477863.09, 3855377.25	0.00656	1.63E-04	1.67E-04	1.59E-04
4119	478363.09, 3855377.25	0.00913	2.27E-04	2.33E-04	2.22E-04
4120	478863.09, 3855377.25	0.01187	2.96E-04	3.03E-04	2.88E-04
4121	479363.09, 3855377.25	0.01562	3.89E-04	3.98E-04	3.79E-04
4122	479863.09, 3855377.25	0.01912	4.76E-04	4.87E-04	4.64E-04
4123	480363.09, 3855377.25	0.02556	6.37E-04	6.52E-04	6.21E-04
4124	480863.09, 3855377.25	0.03317	8.26E-04	8.46E-04	8.06E-04
4125	481363.09, 3855377.25	0.03869	9.64E-04	9.86E-04	9.40E-04
4126	481863.09, 3855377.25	0.04064	1.01E-03	1.04E-03	9.87E-04

4127	482363.09, 3855377.25	0.04046	1.01E-03	1.03E-03	9.83E-04
4128	482863.09, 3855377.25	0.04022	1.00E-03	1.03E-03	9.77E-04
4129	483363.09, 3855377.25	0.04037	1.01E-03	1.03E-03	9.81E-04
4130	483863.09, 3855377.25	0.04063	1.01E-03	1.04E-03	9.87E-04
4131	484363.09, 3855377.25	0.04052	1.01E-03	1.03E-03	9.84E-04
4132	484863.09, 3855377.25	0.03982	9.92E-04	1.02E-03	9.67E-04
4133	485363.09, 3855377.25	0.03921	9.77E-04	1.00E-03	9.52E-04
4134	485863.09, 3855377.25	0.03713	9.25E-04	9.47E-04	9.02E-04
4135	486363.09, 3855377.25	0.03567	8.88E-04	9.09E-04	8.66E-04
4136	486863.09, 3855377.25	0.03452	8.60E-04	8.80E-04	8.38E-04
4137	487363.09, 3855377.25	0.03585	8.93E-04	9.14E-04	8.71E-04
4138	487863.09, 3855377.25	0.03699	9.21E-04	9.43E-04	8.98E-04
4139	488363.09, 3855377.25	0.03731	9.29E-04	9.51E-04	9.06E-04
4140	488863.09, 3855377.25	0.03667	9.13E-04	9.35E-04	8.91E-04
4141	489363.09, 3855377.25	0.03521	8.77E-04	8.98E-04	8.55E-04
4142	489863.09, 3855377.25	0.03356	8.36E-04	8.56E-04	8.15E-04
4143	490363.09, 3855377.25	0.03297	8.21E-04	8.40E-04	8.01E-04
4144	490863.09, 3855377.25	0.0261	6.50E-04	6.65E-04	6.34E-04
4145	491363.09, 3855377.25	0.02354	5.86E-04	6.00E-04	5.72E-04
4146	491863.09, 3855377.25	0.02949	7.34E-04	7.52E-04	7.16E-04
4147	492363.09, 3855377.25	0.02919	7.27E-04	7.44E-04	7.09E-04
4148	492863.09, 3855377.25	0.02825	7.04E-04	7.20E-04	6.86E-04
4149	493363.09, 3855377.25	0.02645	6.59E-04	6.74E-04	6.42E-04
4150	493863.09, 3855377.25	0.02285	5.69E-04	5.83E-04	5.55E-04
4151	494363.09, 3855377.25	0.01851	4.61E-04	4.72E-04	4.50E-04
4152	494863.09, 3855377.25	0.01421	3.54E-04	3.62E-04	3.45E-04
4153	495363.09, 3855377.25	0.01131	2.82E-04	2.88E-04	2.75E-04
4154	495863.09, 3855377.25	0.00952	2.37E-04	2.43E-04	2.31E-04
4155	496363.09, 3855377.25	0.00939	2.34E-04	2.39E-04	2.28E-04
4156	496863.09, 3855377.25	0.00936	2.33E-04	2.39E-04	2.27E-04
4157	497363.09, 3855377.25	0.00975	2.43E-04	2.49E-04	2.37E-04
4158	497863.09, 3855377.25	0.01052	2.62E-04	2.68E-04	2.56E-04
4159	498363.09, 3855377.25	0.01149	2.86E-04	2.93E-04	2.79E-04
4160	471363.09, 3855877.25	0.01263	3.15E-04	3.22E-04	3.07E-04
4161	471863.09, 3855877.25	0.0132	3.29E-04	3.37E-04	3.21E-04
4162	472363.09, 3855877.25	0.01439	3.58E-04	3.67E-04	3.50E-04
4163	472863.09, 3855877.25	0.01459	3.63E-04	3.72E-04	3.54E-04
4164	473363.09, 3855877.25	0.01598	3.98E-04	4.07E-04	3.88E-04
4165	473863.09, 3855877.25	0.01693	4.22E-04	4.32E-04	4.11E-04
4166	474363.09, 3855877.25	0.01743	4.34E-04	4.44E-04	4.23E-04
4167	474863.09, 3855877.25	0.01395	3.47E-04	3.56E-04	3.39E-04
4168	475363.09, 3855877.25	0.008	1.99E-04	2.04E-04	1.94E-04
4169	475863.09, 3855877.25	0.00232	5.78E-05	5.91E-05	5.64E-05
4170	476363.09, 3855877.25	0.00244	6.08E-05	6.22E-05	5.93E-05
4171	476863.09, 3855877.25	0.00437	1.09E-04	1.11E-04	1.06E-04
4172	477363.09, 3855877.25	0.00557	1.39E-04	1.42E-04	1.35E-04
4173	477863.09, 3855877.25	0.00714	1.78E-04	1.82E-04	1.73E-04
4174	478363.09, 3855877.25	0.00948	2.36E-04	2.42E-04	2.30E-04
4175	478863.09, 3855877.25	0.01255	3.13E-04	3.20E-04	3.05E-04
4176	479363.09, 3855877.25	0.0164	4.08E-04	4.18E-04	3.98E-04
4177	479863.09, 3855877.25	0.0196	4.88E-04	5.00E-04	4.76E-04
4178	480363.09, 3855877.25	0.02378	5.92E-04	6.06E-04	5.78E-04
4179	480863.09, 3855877.25	0.02821	7.03E-04	7.19E-04	6.85E-04
4180	481363.09, 3855877.25	0.02806	6.99E-04	7.15E-04	6.82E-04
4181	481863.09, 3855877.25	0.03325	8.28E-04	8.48E-04	8.08E-04
4182	482363.09, 3855877.25	0.03333	8.30E-04	8.50E-04	8.10E-04
4183	482863.09, 3855877.25	0.03356	8.36E-04	8.56E-04	8.15E-04
4184	483363.09, 3855877.25	0.03418	8.51E-04	8.71E-04	8.30E-04
4185	483863.09, 3855877.25	0.03412	8.50E-04	8.70E-04	8.29E-04

4186	484363.09, 3855877.25	0.03504	8.73E-04	8.93E-04	8.51E-04
4187	484863.09, 3855877.25	0.03504	8.73E-04	8.93E-04	8.51E-04
4188	485363.09, 3855877.25	0.03449	8.59E-04	8.79E-04	8.38E-04
4189	485863.09, 3855877.25	0.03452	8.60E-04	8.80E-04	8.38E-04
4190	486363.09, 3855877.25	0.03228	8.04E-04	8.23E-04	7.84E-04
4191	486863.09, 3855877.25	0.03129	7.79E-04	7.98E-04	7.60E-04
4192	487363.09, 3855877.25	0.03206	7.98E-04	8.17E-04	7.79E-04
4193	487863.09, 3855877.25	0.03259	8.12E-04	8.31E-04	7.92E-04
4194	488363.09, 3855877.25	0.03334	8.30E-04	8.50E-04	8.10E-04
4195	488863.09, 3855877.25	0.03379	8.42E-04	8.61E-04	8.21E-04
4196	489363.09, 3855877.25	0.03319	8.27E-04	8.46E-04	8.06E-04
4197	489863.09, 3855877.25	0.03214	8.00E-04	8.19E-04	7.81E-04
4198	490363.09, 3855877.25	0.03117	7.76E-04	7.95E-04	7.57E-04
4199	490863.09, 3855877.25	0.02952	7.35E-04	7.53E-04	7.17E-04
4200	491363.09, 3855877.25	0.02699	6.72E-04	6.88E-04	6.56E-04
4201	491863.09, 3855877.25	0.02814	7.01E-04	7.17E-04	6.83E-04
4202	492363.09, 3855877.25	0.02703	6.73E-04	6.89E-04	6.57E-04
4203	492863.09, 3855877.25	0.0261	6.50E-04	6.65E-04	6.34E-04
4204	493363.09, 3855877.25	0.02274	5.66E-04	5.80E-04	5.52E-04
4205	493863.09, 3855877.25	0.01828	4.55E-04	4.66E-04	4.44E-04
4206	494363.09, 3855877.25	0.01392	3.47E-04	3.55E-04	3.38E-04
4207	494863.09, 3855877.25	0.01101	2.74E-04	2.81E-04	2.67E-04
4208	495363.09, 3855877.25	0.00827	2.06E-04	2.11E-04	2.01E-04
4209	495863.09, 3855877.25	0.00837	2.08E-04	2.13E-04	2.03E-04
4210	496363.09, 3855877.25	0.0086	2.14E-04	2.19E-04	2.09E-04
4211	496863.09, 3855877.25	0.00925	2.30E-04	2.36E-04	2.25E-04
4212	497363.09, 3855877.25	0.01	2.49E-04	2.55E-04	2.43E-04
4213	497863.09, 3855877.25	0.01097	2.73E-04	2.80E-04	2.66E-04
4214	498363.09, 3855877.25	0.01281	3.19E-04	3.27E-04	3.11E-04
4215	471363.09, 3856377.25	0.01216	3.03E-04	3.10E-04	2.95E-04
4216	471863.09, 3856377.25	0.01263	3.15E-04	3.22E-04	3.07E-04
4217	472363.09, 3856377.25	0.01345	3.35E-04	3.43E-04	3.27E-04
4218	472863.09, 3856377.25	0.01436	3.58E-04	3.66E-04	3.49E-04
4219	473363.09, 3856377.25	0.01512	3.77E-04	3.85E-04	3.67E-04
4220	473863.09, 3856377.25	0.01641	4.09E-04	4.18E-04	3.99E-04
4221	474363.09, 3856377.25	0.01607	4.00E-04	4.10E-04	3.90E-04
4222	474863.09, 3856377.25	0.01501	3.74E-04	3.83E-04	3.65E-04
4223	475363.09, 3856377.25	0.01194	2.97E-04	3.04E-04	2.90E-04
4224	475863.09, 3856377.25	0.00752	1.87E-04	1.92E-04	1.83E-04
4225	476363.09, 3856377.25	0.00673	1.68E-04	1.72E-04	1.63E-04
4226	476863.09, 3856377.25	0.00668	1.66E-04	1.70E-04	1.62E-04
4227	477363.09, 3856377.25	0.00697	1.74E-04	1.78E-04	1.69E-04
4228	477863.09, 3856377.25	0.00488	1.22E-04	1.24E-04	1.19E-04
4229	478363.09, 3856377.25	0.0039	9.71E-05	9.94E-05	9.47E-05
4230	478863.09, 3856377.25	0.00933	2.32E-04	2.38E-04	2.27E-04
4231	479363.09, 3856377.25	0.01207	3.01E-04	3.08E-04	2.93E-04
4232	479863.09, 3856377.25	0.01799	4.48E-04	4.59E-04	4.37E-04
4233	480363.09, 3856377.25	0.02307	5.75E-04	5.88E-04	5.60E-04
4234	480863.09, 3856377.25	0.02599	6.47E-04	6.63E-04	6.31E-04
4235	481363.09, 3856377.25	0.02789	6.95E-04	7.11E-04	6.77E-04
4236	481863.09, 3856377.25	0.02901	7.22E-04	7.40E-04	7.05E-04
4237	482363.09, 3856377.25	0.02878	7.17E-04	7.34E-04	6.99E-04
4238	482863.09, 3856377.25	0.02886	7.19E-04	7.36E-04	7.01E-04
4239	483363.09, 3856377.25	0.02946	7.34E-04	7.51E-04	7.16E-04
4240	483863.09, 3856377.25	0.02995	7.46E-04	7.64E-04	7.27E-04
4241	484363.09, 3856377.25	0.03068	7.64E-04	7.82E-04	7.45E-04
4242	484863.09, 3856377.25	0.03156	7.86E-04	8.05E-04	7.67E-04
4243	485363.09, 3856377.25	0.03175	7.91E-04	8.09E-04	7.71E-04
4244	485863.09, 3856377.25	0.03126	7.79E-04	7.97E-04	7.59E-04

4245	486363.09, 3856377.25	0.03069	7.64E-04	7.82E-04	7.45E-04
4246	486863.09, 3856377.25	0.03017	7.51E-04	7.69E-04	7.33E-04
4247	487363.09, 3856377.25	0.03014	7.51E-04	7.68E-04	7.32E-04
4248	487863.09, 3856377.25	0.03046	7.59E-04	7.77E-04	7.40E-04
4249	488363.09, 3856377.25	0.03034	7.56E-04	7.73E-04	7.37E-04
4250	488863.09, 3856377.25	0.03109	7.74E-04	7.93E-04	7.55E-04
4251	489363.09, 3856377.25	0.03122	7.78E-04	7.96E-04	7.58E-04
4252	489863.09, 3856377.25	0.03086	7.69E-04	7.87E-04	7.50E-04
4253	490363.09, 3856377.25	0.03008	7.49E-04	7.67E-04	7.31E-04
4254	490863.09, 3856377.25	0.02895	7.21E-04	7.38E-04	7.03E-04
4255	491363.09, 3856377.25	0.02797	6.97E-04	7.13E-04	6.79E-04
4256	491863.09, 3856377.25	0.0269	6.70E-04	6.86E-04	6.53E-04
4257	492363.09, 3856377.25	0.02554	6.36E-04	6.51E-04	6.20E-04
4258	492863.09, 3856377.25	0.02328	5.80E-04	5.93E-04	5.65E-04
4259	493363.09, 3856377.25	0.01787	4.45E-04	4.56E-04	4.34E-04
4260	493863.09, 3856377.25	0.01506	3.75E-04	3.84E-04	3.66E-04
4261	494363.09, 3856377.25	0.01163	2.90E-04	2.96E-04	2.82E-04
4262	494863.09, 3856377.25	0.00932	2.32E-04	2.38E-04	2.26E-04
4263	495363.09, 3856377.25	0.00814	2.03E-04	2.08E-04	1.98E-04
4264	495863.09, 3856377.25	0.00827	2.06E-04	2.11E-04	2.01E-04
4265	496363.09, 3856377.25	0.00878	2.19E-04	2.24E-04	2.13E-04
4266	496863.09, 3856377.25	0.00988	2.46E-04	2.52E-04	2.40E-04
4267	497363.09, 3856377.25	0.01095	2.73E-04	2.79E-04	2.66E-04
4268	497863.09, 3856377.25	0.01244	3.10E-04	3.17E-04	3.02E-04
4269	498363.09, 3856377.25	0.0143	3.56E-04	3.65E-04	3.47E-04
4270	471363.09, 3856877.25	0.01187	2.96E-04	3.03E-04	2.88E-04
4271	471863.09, 3856877.25	0.0122	3.04E-04	3.11E-04	2.96E-04
4272	472363.09, 3856877.25	0.01286	3.20E-04	3.28E-04	3.12E-04
4273	472863.09, 3856877.25	0.01346	3.35E-04	3.43E-04	3.27E-04
4274	473363.09, 3856877.25	0.01459	3.63E-04	3.72E-04	3.54E-04
4275	473863.09, 3856877.25	0.01523	3.79E-04	3.88E-04	3.70E-04
4276	474363.09, 3856877.25	0.01486	3.70E-04	3.79E-04	3.61E-04
4277	474863.09, 3856877.25	0.01391	3.46E-04	3.55E-04	3.38E-04
4278	475363.09, 3856877.25	0.01186	2.95E-04	3.02E-04	2.88E-04
4279	475863.09, 3856877.25	0.01158	2.88E-04	2.95E-04	2.81E-04
4280	476363.09, 3856877.25	0.00982	2.45E-04	2.50E-04	2.39E-04
4281	476863.09, 3856877.25	0.00918	2.29E-04	2.34E-04	2.23E-04
4282	477363.09, 3856877.25	0.00764	1.90E-04	1.95E-04	1.86E-04
4283	477863.09, 3856877.25	0.00439	1.09E-04	1.12E-04	1.07E-04
4284	478363.09, 3856877.25	0.00349	8.69E-05	8.90E-05	8.48E-05
4285	478863.09, 3856877.25	0.00466	1.16E-04	1.19E-04	1.13E-04
4286	479363.09, 3856877.25	0.00665	1.66E-04	1.70E-04	1.62E-04
4287	479863.09, 3856877.25	0.01568	3.91E-04	4.00E-04	3.81E-04
4288	480363.09, 3856877.25	0.02058	5.13E-04	5.25E-04	5.00E-04
4289	480863.09, 3856877.25	0.02391	5.95E-04	6.10E-04	5.81E-04
4290	481363.09, 3856877.25	0.02545	6.34E-04	6.49E-04	6.18E-04
4291	481863.09, 3856877.25	0.02631	6.55E-04	6.71E-04	6.39E-04
4292	482363.09, 3856877.25	0.02624	6.53E-04	6.69E-04	6.37E-04
4293	482863.09, 3856877.25	0.02614	6.51E-04	6.66E-04	6.35E-04
4294	483363.09, 3856877.25	0.0265	6.60E-04	6.76E-04	6.44E-04
4295	483863.09, 3856877.25	0.02684	6.68E-04	6.84E-04	6.52E-04
4296	484363.09, 3856877.25	0.02733	6.81E-04	6.97E-04	6.64E-04
4297	484863.09, 3856877.25	0.02856	7.11E-04	7.28E-04	6.94E-04
4298	485363.09, 3856877.25	0.02997	7.46E-04	7.64E-04	7.28E-04
4299	485863.09, 3856877.25	0.03055	7.61E-04	7.79E-04	7.42E-04
4300	486363.09, 3856877.25	0.0286	7.12E-04	7.29E-04	6.95E-04
4301	486863.09, 3856877.25	0.0299	7.45E-04	7.62E-04	7.26E-04
4302	487363.09, 3856877.25	0.03071	7.65E-04	7.83E-04	7.46E-04
4303	487863.09, 3856877.25	0.03116	7.76E-04	7.94E-04	7.57E-04

4304	488363.09, 3856877.25	0.03089	7.69E-04	7.87E-04	7.50E-04
4305	488863.09, 3856877.25	0.03043	7.58E-04	7.76E-04	7.39E-04
4306	489363.09, 3856877.25	0.03039	7.57E-04	7.75E-04	7.38E-04
4307	489863.09, 3856877.25	0.03016	7.51E-04	7.69E-04	7.33E-04
4308	490363.09, 3856877.25	0.0295	7.35E-04	7.52E-04	7.17E-04
4309	490863.09, 3856877.25	0.02906	7.24E-04	7.41E-04	7.06E-04
4310	491363.09, 3856877.25	0.02817	7.02E-04	7.18E-04	6.84E-04
4311	491863.09, 3856877.25	0.02723	6.78E-04	6.94E-04	6.61E-04
4312	492363.09, 3856877.25	0.02413	6.01E-04	6.15E-04	5.86E-04
4313	492863.09, 3856877.25	0.02143	5.34E-04	5.46E-04	5.21E-04
4314	493363.09, 3856877.25	0.01794	4.47E-04	4.57E-04	4.36E-04
4315	493863.09, 3856877.25	0.01379	3.43E-04	3.52E-04	3.35E-04
4316	494363.09, 3856877.25	0.01077	2.68E-04	2.75E-04	2.62E-04
4317	494863.09, 3856877.25	0.00981	2.44E-04	2.50E-04	2.38E-04
4318	495363.09, 3856877.25	0.0095	2.37E-04	2.42E-04	2.31E-04
4319	495863.09, 3856877.25	0.00987	2.46E-04	2.52E-04	2.40E-04
4320	496363.09, 3856877.25	0.01035	2.58E-04	2.64E-04	2.51E-04
4321	496863.09, 3856877.25	0.01116	2.78E-04	2.84E-04	2.71E-04
4322	497363.09, 3856877.25	0.01235	3.08E-04	3.15E-04	3.00E-04
4323	497863.09, 3856877.25	0.01446	3.60E-04	3.69E-04	3.51E-04
4324	498363.09, 3856877.25	0.01694	4.22E-04	4.32E-04	4.11E-04
4325	471363.09, 3857377.25	0.0116	2.89E-04	2.96E-04	2.82E-04
4326	471863.09, 3857377.25	0.01186	2.95E-04	3.02E-04	2.88E-04
4327	472363.09, 3857377.25	0.01232	3.07E-04	3.14E-04	2.99E-04
4328	472863.09, 3857377.25	0.01288	3.21E-04	3.28E-04	3.13E-04
4329	473363.09, 3857377.25	0.01363	3.39E-04	3.47E-04	3.31E-04
4330	473863.09, 3857377.25	0.01455	3.62E-04	3.71E-04	3.53E-04
4331	474363.09, 3857377.25	0.01386	3.45E-04	3.53E-04	3.37E-04
4332	474863.09, 3857377.25	0.01102	2.74E-04	2.81E-04	2.68E-04
4333	475363.09, 3857377.25	0.00736	1.83E-04	1.88E-04	1.79E-04
4334	475863.09, 3857377.25	0.00653	1.63E-04	1.66E-04	1.59E-04
4335	476363.09, 3857377.25	0.00865	2.15E-04	2.21E-04	2.10E-04
4336	476863.09, 3857377.25	0.00902	2.25E-04	2.30E-04	2.19E-04
4337	477363.09, 3857377.25	0.00758	1.89E-04	1.93E-04	1.84E-04
4338	477863.09, 3857377.25	0.00512	1.28E-04	1.31E-04	1.24E-04
4339	478363.09, 3857377.25	0.00338	8.42E-05	8.62E-05	8.21E-05
4340	478863.09, 3857377.25	0.00263	6.55E-05	6.70E-05	6.39E-05
4341	479363.09, 3857377.25	0.00479	1.19E-04	1.22E-04	1.16E-04
4342	479863.09, 3857377.25	0.01302	3.24E-04	3.32E-04	3.16E-04
4343	480363.09, 3857377.25	0.01067	2.66E-04	2.72E-04	2.59E-04
4344	480863.09, 3857377.25	0.02186	5.44E-04	5.57E-04	5.31E-04
4345	481363.09, 3857377.25	0.02185	5.44E-04	5.57E-04	5.31E-04
4346	481863.09, 3857377.25	0.02316	5.77E-04	5.90E-04	5.63E-04
4347	482363.09, 3857377.25	0.02426	6.04E-04	6.18E-04	5.89E-04
4348	482863.09, 3857377.25	0.02453	6.11E-04	6.25E-04	5.96E-04
4349	483363.09, 3857377.25	0.02505	6.24E-04	6.39E-04	6.08E-04
4350	483863.09, 3857377.25	0.02562	6.38E-04	6.53E-04	6.22E-04
4351	484363.09, 3857377.25	0.02583	6.43E-04	6.58E-04	6.27E-04
4352	484863.09, 3857377.25	0.02645	6.59E-04	6.74E-04	6.42E-04
4353	485363.09, 3857377.25	0.02757	6.87E-04	7.03E-04	6.70E-04
4354	485863.09, 3857377.25	0.02928	7.29E-04	7.46E-04	7.11E-04
4355	486363.09, 3857377.25	0.03117	7.76E-04	7.95E-04	7.57E-04
4356	486863.09, 3857377.25	0.03007	7.49E-04	7.67E-04	7.30E-04
4357	487363.09, 3857377.25	0.03209	7.99E-04	8.18E-04	7.79E-04
4358	487863.09, 3857377.25	0.03426	8.53E-04	8.73E-04	8.32E-04
4359	488363.09, 3857377.25	0.03482	8.67E-04	8.88E-04	8.46E-04
4360	488863.09, 3857377.25	0.03473	8.65E-04	8.85E-04	8.44E-04
4361	489363.09, 3857377.25	0.03302	8.22E-04	8.42E-04	8.02E-04
4362	489863.09, 3857377.25	0.03158	7.86E-04	8.05E-04	7.67E-04

4363	490363.09, 3857377.25	0.03082	7.68E-04	7.86E-04	7.49E-04
4364	490863.09, 3857377.25	0.03065	7.63E-04	7.81E-04	7.44E-04
4365	491363.09, 3857377.25	0.0309	7.70E-04	7.88E-04	7.51E-04
4366	491863.09, 3857377.25	0.02982	7.43E-04	7.60E-04	7.24E-04
4367	492363.09, 3857377.25	0.0254	6.33E-04	6.48E-04	6.17E-04
4368	492863.09, 3857377.25	0.02117	5.27E-04	5.40E-04	5.14E-04
4369	493363.09, 3857377.25	0.01649	4.11E-04	4.20E-04	4.01E-04
4370	493863.09, 3857377.25	0.01491	3.71E-04	3.80E-04	3.62E-04
4371	494363.09, 3857377.25	0.01333	3.32E-04	3.40E-04	3.24E-04
4372	494863.09, 3857377.25	0.01293	3.22E-04	3.30E-04	3.14E-04
4373	495363.09, 3857377.25	0.01265	3.15E-04	3.22E-04	3.07E-04
4374	495863.09, 3857377.25	0.01302	3.24E-04	3.32E-04	3.16E-04
4375	496363.09, 3857377.25	0.0135	3.36E-04	3.44E-04	3.28E-04
4376	496863.09, 3857377.25	0.01408	3.51E-04	3.59E-04	3.42E-04
4377	497363.09, 3857377.25	0.0152	3.79E-04	3.87E-04	3.69E-04
4378	497863.09, 3857377.25	0.0169	4.21E-04	4.31E-04	4.10E-04
4379	498363.09, 3857377.25	0.02069	5.15E-04	5.27E-04	5.03E-04
4380	471363.09, 3857877.25	0.01112	2.77E-04	2.83E-04	2.70E-04
4381	471863.09, 3857877.25	0.01143	2.85E-04	2.91E-04	2.78E-04
4382	472363.09, 3857877.25	0.01185	2.95E-04	3.02E-04	2.88E-04
4383	472863.09, 3857877.25	0.01253	3.12E-04	3.19E-04	3.04E-04
4384	473363.09, 3857877.25	0.01297	3.23E-04	3.31E-04	3.15E-04
4385	473863.09, 3857877.25	0.0136	3.39E-04	3.47E-04	3.30E-04
4386	474363.09, 3857877.25	0.0127	3.16E-04	3.24E-04	3.08E-04
4387	474863.09, 3857877.25	0.00982	2.45E-04	2.50E-04	2.39E-04
4388	475363.09, 3857877.25	0.00516	1.29E-04	1.32E-04	1.25E-04
4389	475863.09, 3857877.25	0.0018	4.48E-05	4.59E-05	4.37E-05
4390	476363.09, 3857877.25	0.00569	1.42E-04	1.45E-04	1.38E-04
4391	476863.09, 3857877.25	0.00708	1.76E-04	1.80E-04	1.72E-04
4392	477363.09, 3857877.25	0.00676	1.68E-04	1.72E-04	1.64E-04
4393	477863.09, 3857877.25	0.00623	1.55E-04	1.59E-04	1.51E-04
4394	478363.09, 3857877.25	0.0028	6.97E-05	7.14E-05	6.80E-05
4395	478863.09, 3857877.25	0.00211	5.25E-05	5.38E-05	5.13E-05
4396	479363.09, 3857877.25	0.012	2.99E-04	3.06E-04	2.91E-04
4397	479863.09, 3857877.25	0.0179	4.46E-04	4.56E-04	4.35E-04
4398	480363.09, 3857877.25	0.01964	4.89E-04	5.01E-04	4.77E-04
4399	480863.09, 3857877.25	0.02001	4.98E-04	5.10E-04	4.86E-04
4400	481363.09, 3857877.25	0.02065	5.14E-04	5.26E-04	5.02E-04
4401	481863.09, 3857877.25	0.02132	5.31E-04	5.44E-04	5.18E-04
4402	482363.09, 3857877.25	0.02252	5.61E-04	5.74E-04	5.47E-04
4403	482863.09, 3857877.25	0.02306	5.74E-04	5.88E-04	5.60E-04
4404	483363.09, 3857877.25	0.02381	5.93E-04	6.07E-04	5.78E-04
4405	483863.09, 3857877.25	0.02478	6.17E-04	6.32E-04	6.02E-04
4406	484363.09, 3857877.25	0.02557	6.37E-04	6.52E-04	6.21E-04
4407	484863.09, 3857877.25	0.02658	6.62E-04	6.78E-04	6.46E-04
4408	485363.09, 3857877.25	0.02784	6.93E-04	7.10E-04	6.76E-04
4409	485863.09, 3857877.25	0.029	7.22E-04	7.39E-04	7.04E-04
4410	486363.09, 3857877.25	0.03068	7.64E-04	7.82E-04	7.45E-04
4411	486863.09, 3857877.25	0.03414	8.50E-04	8.70E-04	8.29E-04
4412	487363.09, 3857877.25	0.0381	9.49E-04	9.71E-04	9.25E-04
4413	487863.09, 3857877.25	0.04056	1.01E-03	1.03E-03	9.85E-04
4414	488363.09, 3857877.25	0.04471	1.11E-03	1.14E-03	1.09E-03
4415	488863.09, 3857877.25	0.04631	1.15E-03	1.18E-03	1.12E-03
4416	489363.09, 3857877.25	0.04238	1.06E-03	1.08E-03	1.03E-03
4417	489863.09, 3857877.25	0.03916	9.75E-04	9.98E-04	9.51E-04
4418	490363.09, 3857877.25	0.03865	9.63E-04	9.85E-04	9.39E-04
4419	490863.09, 3857877.25	0.03993	9.94E-04	1.02E-03	9.70E-04
4420	491363.09, 3857877.25	0.03794	9.45E-04	9.67E-04	9.22E-04
4421	491863.09, 3857877.25	0.03457	8.61E-04	8.81E-04	8.40E-04

4422	492363.09, 3857877.25	0.0284	7.07E-04	7.24E-04	6.90E-04
4423	492863.09, 3857877.25	0.02331	5.81E-04	5.94E-04	5.66E-04
4424	493363.09, 3857877.25	0.02149	5.35E-04	5.48E-04	5.22E-04
4425	493863.09, 3857877.25	0.02078	5.18E-04	5.30E-04	5.05E-04
4426	494363.09, 3857877.25	0.02015	5.02E-04	5.14E-04	4.89E-04
4427	494863.09, 3857877.25	0.0184	4.58E-04	4.69E-04	4.47E-04
4428	495363.09, 3857877.25	0.01816	4.52E-04	4.63E-04	4.41E-04
4429	495863.09, 3857877.25	0.01787	4.45E-04	4.56E-04	4.34E-04
4430	496363.09, 3857877.25	0.01836	4.57E-04	4.68E-04	4.46E-04
4431	496863.09, 3857877.25	0.01891	4.71E-04	4.82E-04	4.59E-04
4432	497363.09, 3857877.25	0.01903	4.74E-04	4.85E-04	4.62E-04
4433	497863.09, 3857877.25	0.02156	5.37E-04	5.50E-04	5.24E-04
4434	498363.09, 3857877.25	0.02397	5.97E-04	6.11E-04	5.82E-04
4435	471363.09, 3858377.25	0.01087	2.71E-04	2.77E-04	2.64E-04
4436	471863.09, 3858377.25	0.01116	2.78E-04	2.84E-04	2.71E-04
4437	472363.09, 3858377.25	0.01141	2.84E-04	2.91E-04	2.77E-04
4438	472863.09, 3858377.25	0.01185	2.95E-04	3.02E-04	2.88E-04
4439	473363.09, 3858377.25	0.01261	3.14E-04	3.21E-04	3.06E-04
4440	473863.09, 3858377.25	0.01262	3.14E-04	3.22E-04	3.07E-04
4441	474363.09, 3858377.25	0.01158	2.88E-04	2.95E-04	2.81E-04
4442	474863.09, 3858377.25	0.00965	2.40E-04	2.46E-04	2.34E-04
4443	475363.09, 3858377.25	0.00644	1.60E-04	1.64E-04	1.56E-04
4444	475863.09, 3858377.25	0.00427	1.06E-04	1.09E-04	1.04E-04
4445	476363.09, 3858377.25	0.00462	1.15E-04	1.18E-04	1.12E-04
4446	476863.09, 3858377.25	0.00502	1.25E-04	1.28E-04	1.22E-04
4447	477363.09, 3858377.25	0.0046	1.15E-04	1.17E-04	1.12E-04
4448	477863.09, 3858377.25	0.00628	1.56E-04	1.60E-04	1.53E-04
4449	478363.09, 3858377.25	0.00661	1.65E-04	1.69E-04	1.61E-04
4450	478863.09, 3858377.25	0.00407	1.01E-04	1.04E-04	9.89E-05
4451	479363.09, 3858377.25	0.01186	2.95E-04	3.02E-04	2.88E-04
4452	479863.09, 3858377.25	0.01698	4.23E-04	4.33E-04	4.12E-04
4453	480363.09, 3858377.25	0.01817	4.53E-04	4.63E-04	4.41E-04
4454	480863.09, 3858377.25	0.01845	4.59E-04	4.70E-04	4.48E-04
4455	481363.09, 3858377.25	0.01912	4.76E-04	4.87E-04	4.64E-04
4456	481863.09, 3858377.25	0.01932	4.81E-04	4.93E-04	4.69E-04
4457	482363.09, 3858377.25	0.02011	5.01E-04	5.13E-04	4.88E-04
4458	482863.09, 3858377.25	0.02151	5.36E-04	5.48E-04	5.22E-04
4459	483363.09, 3858377.25	0.0225	5.60E-04	5.74E-04	5.47E-04
4460	483863.09, 3858377.25	0.02356	5.87E-04	6.01E-04	5.72E-04
4461	484363.09, 3858377.25	0.02485	6.19E-04	6.33E-04	6.04E-04
4462	484863.09, 3858377.25	0.02638	6.57E-04	6.72E-04	6.41E-04
4463	485363.09, 3858377.25	0.02844	7.08E-04	7.25E-04	6.91E-04
4464	485863.09, 3858377.25	0.03104	7.73E-04	7.91E-04	7.54E-04
4465	486363.09, 3858377.25	0.03402	8.47E-04	8.67E-04	8.26E-04
4466	486863.09, 3858377.25	0.03741	9.32E-04	9.54E-04	9.09E-04
4467	487363.09, 3858377.25	0.04198	1.05E-03	1.07E-03	1.02E-03
4468	487863.09, 3858377.25	0.0524	1.30E-03	1.34E-03	1.27E-03
4469	488363.09, 3858377.25	0.06748	1.68E-03	1.72E-03	1.64E-03
4470	488863.09, 3858377.25	0.07609	1.89E-03	1.94E-03	1.85E-03
4471	489363.09, 3858377.25	0.07291	1.82E-03	1.86E-03	1.77E-03
4472	489863.09, 3858377.25	0.07251	1.81E-03	1.85E-03	1.76E-03
4473	490363.09, 3858377.25	0.07496	1.87E-03	1.91E-03	1.82E-03
4474	490863.09, 3858377.25	0.07522	1.87E-03	1.92E-03	1.83E-03
4475	491363.09, 3858377.25	0.06472	1.61E-03	1.65E-03	1.57E-03
4476	491863.09, 3858377.25	0.04745	1.18E-03	1.21E-03	1.15E-03
4477	492363.09, 3858377.25	0.03552	8.85E-04	9.05E-04	8.63E-04
4478	492863.09, 3858377.25	0.03884	9.67E-04	9.90E-04	9.43E-04
4479	493363.09, 3858377.25	0.03601	8.97E-04	9.18E-04	8.75E-04
4480	493863.09, 3858377.25	0.03441	8.57E-04	8.77E-04	8.36E-04

4481	494363.09, 3858377.25	0.03194	7.95E-04	8.14E-04	7.76E-04
4482	494863.09, 3858377.25	0.02963	7.38E-04	7.55E-04	7.20E-04
4483	495363.09, 3858377.25	0.0266	6.62E-04	6.78E-04	6.46E-04
4484	495863.09, 3858377.25	0.02577	6.42E-04	6.57E-04	6.26E-04
4485	496363.09, 3858377.25	0.02481	6.18E-04	6.32E-04	6.03E-04
4486	496863.09, 3858377.25	0.02547	6.34E-04	6.49E-04	6.19E-04
4487	497363.09, 3858377.25	0.02524	6.29E-04	6.43E-04	6.13E-04
4488	497863.09, 3858377.25	0.02735	6.81E-04	6.97E-04	6.64E-04
4489	498363.09, 3858377.25	0.03019	7.52E-04	7.70E-04	7.33E-04
4490	471363.09, 3858877.25	0.01048	2.61E-04	2.67E-04	2.55E-04
4491	471863.09, 3858877.25	0.01066	2.65E-04	2.72E-04	2.59E-04
4492	472363.09, 3858877.25	0.01108	2.76E-04	2.82E-04	2.69E-04
4493	472863.09, 3858877.25	0.01144	2.85E-04	2.92E-04	2.78E-04
4494	473363.09, 3858877.25	0.01202	2.99E-04	3.06E-04	2.92E-04
4495	473863.09, 3858877.25	0.01215	3.03E-04	3.10E-04	2.95E-04
4496	474363.09, 3858877.25	0.0115	2.86E-04	2.93E-04	2.79E-04
4497	474863.09, 3858877.25	0.00634	1.58E-04	1.62E-04	1.54E-04
4498	475363.09, 3858877.25	0.00438	1.09E-04	1.12E-04	1.06E-04
4499	475863.09, 3858877.25	0.00498	1.24E-04	1.27E-04	1.21E-04
4500	476363.09, 3858877.25	0.0027	6.72E-05	6.88E-05	6.56E-05
4501	476863.09, 3858877.25	0.00356	8.87E-05	9.08E-05	8.65E-05
4502	477363.09, 3858877.25	0.00365	9.09E-05	9.30E-05	8.87E-05
4503	477863.09, 3858877.25	0.00467	1.16E-04	1.19E-04	1.13E-04
4504	478363.09, 3858877.25	0.00926	2.31E-04	2.36E-04	2.25E-04
4505	478863.09, 3858877.25	0.0078	1.94E-04	1.99E-04	1.89E-04
4506	479363.09, 3858877.25	0.00619	1.54E-04	1.58E-04	1.50E-04
4507	479863.09, 3858877.25	0.01628	4.05E-04	4.15E-04	3.95E-04
4508	480363.09, 3858877.25	0.01696	4.22E-04	4.32E-04	4.12E-04
4509	480863.09, 3858877.25	0.01751	4.36E-04	4.46E-04	4.25E-04
4510	481363.09, 3858877.25	0.01796	4.47E-04	4.58E-04	4.36E-04
4511	481863.09, 3858877.25	0.01826	4.55E-04	4.65E-04	4.44E-04
4512	482363.09, 3858877.25	0.01867	4.65E-04	4.76E-04	4.53E-04
4513	482863.09, 3858877.25	0.0194	4.83E-04	4.95E-04	4.71E-04
4514	483363.09, 3858877.25	0.02097	5.22E-04	5.35E-04	5.09E-04
4515	483863.09, 3858877.25	0.02208	5.50E-04	5.63E-04	5.36E-04
4516	484363.09, 3858877.25	0.02347	5.85E-04	5.98E-04	5.70E-04
4517	484863.09, 3858877.25	0.02515	6.26E-04	6.41E-04	6.11E-04
4518	485363.09, 3858877.25	0.02748	6.84E-04	7.01E-04	6.67E-04
4519	485863.09, 3858877.25	0.03082	7.68E-04	7.86E-04	7.49E-04
4520	486363.09, 3858877.25	0.03507	8.73E-04	8.94E-04	8.52E-04
4521	486863.09, 3858877.25	0.04125	1.03E-03	1.05E-03	1.00E-03
4522	487363.09, 3858877.25	0.05165	1.29E-03	1.32E-03	1.25E-03
4523	487863.09, 3858877.25	0.06922	1.72E-03	1.76E-03	1.68E-03
4524	488363.09, 3858877.25	0.11598	2.89E-03	2.96E-03	2.82E-03
4525	488863.09, 3858877.25	0.5422	1.35E-02	1.38E-02	1.32E-02
4526	489363.09, 3858877.25	0.51315	1.28E-02	1.31E-02	1.25E-02
4527	489863.09, 3858877.25	0.3302	8.22E-03	8.42E-03	8.02E-03
4528	490363.09, 3858877.25	0.23195	5.78E-03	5.91E-03	5.63E-03
4529	490863.09, 3858877.25	0.15256	3.80E-03	3.89E-03	3.71E-03
4530	491363.09, 3858877.25	0.09749	2.43E-03	2.49E-03	2.37E-03
4531	491863.09, 3858877.25	0.06825	1.70E-03	1.74E-03	1.66E-03
4532	492363.09, 3858877.25	0.07305	1.82E-03	1.86E-03	1.77E-03
4533	492863.09, 3858877.25	0.08134	2.03E-03	2.07E-03	1.98E-03
4534	493363.09, 3858877.25	0.07029	1.75E-03	1.79E-03	1.71E-03
4535	493863.09, 3858877.25	0.057	1.42E-03	1.45E-03	1.38E-03
4536	494363.09, 3858877.25	0.05167	1.29E-03	1.32E-03	1.26E-03
4537	494863.09, 3858877.25	0.04617	1.15E-03	1.18E-03	1.12E-03
4538	495363.09, 3858877.25	0.04091	1.02E-03	1.04E-03	9.94E-04
4539	495863.09, 3858877.25	0.03767	9.38E-04	9.60E-04	9.15E-04

4540	496363.09, 3858877.25	0.03569	8.89E-04	9.10E-04	8.67E-04
4541	496863.09, 3858877.25	0.03387	8.44E-04	8.63E-04	8.23E-04
4542	497363.09, 3858877.25	0.0322	8.02E-04	8.21E-04	7.82E-04
4543	497863.09, 3858877.25	0.03442	8.57E-04	8.77E-04	8.36E-04
4544	498363.09, 3858877.25	0.0369	9.19E-04	9.41E-04	8.96E-04
4545	471363.09, 3859377.25	0.00993	2.47E-04	2.53E-04	2.41E-04
4546	471863.09, 3859377.25	0.01019	2.54E-04	2.60E-04	2.48E-04
4547	472363.09, 3859377.25	0.0106	2.64E-04	2.70E-04	2.57E-04
4548	472863.09, 3859377.25	0.01097	2.73E-04	2.80E-04	2.66E-04
4549	473363.09, 3859377.25	0.0114	2.84E-04	2.91E-04	2.77E-04
4550	473863.09, 3859377.25	0.01167	2.91E-04	2.97E-04	2.83E-04
4551	474363.09, 3859377.25	0.01102	2.74E-04	2.81E-04	2.68E-04
4552	474863.09, 3859377.25	0.00891	2.22E-04	2.27E-04	2.16E-04
4553	475363.09, 3859377.25	0.00607	1.51E-04	1.55E-04	1.47E-04
4554	475863.09, 3859377.25	0.00365	9.09E-05	9.30E-05	8.87E-05
4555	476363.09, 3859377.25	0.0031	7.72E-05	7.90E-05	7.53E-05
4556	476863.09, 3859377.25	0.00233	5.80E-05	5.94E-05	5.66E-05
4557	477363.09, 3859377.25	0.00256	6.38E-05	6.53E-05	6.22E-05
4558	477863.09, 3859377.25	0.00534	1.33E-04	1.36E-04	1.30E-04
4559	478363.09, 3859377.25	0.00805	2.00E-04	2.05E-04	1.96E-04
4560	478863.09, 3859377.25	0.01104	2.75E-04	2.81E-04	2.68E-04
4561	479363.09, 3859377.25	0.01317	3.28E-04	3.36E-04	3.20E-04
4562	479863.09, 3859377.25	0.01455	3.62E-04	3.71E-04	3.53E-04
4563	480363.09, 3859377.25	0.01559	3.88E-04	3.97E-04	3.79E-04
4564	480863.09, 3859377.25	0.01633	4.07E-04	4.16E-04	3.97E-04
4565	481363.09, 3859377.25	0.01681	4.19E-04	4.29E-04	4.08E-04
4566	481863.09, 3859377.25	0.01717	4.28E-04	4.38E-04	4.17E-04
4567	482363.09, 3859377.25	0.01762	4.39E-04	4.49E-04	4.28E-04
4568	482863.09, 3859377.25	0.01834	4.57E-04	4.68E-04	4.45E-04
4569	483363.09, 3859377.25	0.0196	4.88E-04	5.00E-04	4.76E-04
4570	483863.09, 3859377.25	0.02074	5.17E-04	5.29E-04	5.04E-04
4571	484363.09, 3859377.25	0.02214	5.51E-04	5.64E-04	5.38E-04
4572	484863.09, 3859377.25	0.02384	5.94E-04	6.08E-04	5.79E-04
4573	485363.09, 3859377.25	0.02608	6.50E-04	6.65E-04	6.33E-04
4574	485863.09, 3859377.25	0.02924	7.28E-04	7.45E-04	7.10E-04
4575	486363.09, 3859377.25	0.03373	8.40E-04	8.60E-04	8.19E-04
4576	486863.09, 3859377.25	0.04005	9.97E-04	1.02E-03	9.73E-04
4577	487363.09, 3859377.25	0.05042	1.26E-03	1.29E-03	1.22E-03
4578	487863.09, 3859377.25	0.0711	1.77E-03	1.81E-03	1.73E-03
4579	488363.09, 3859377.25	0.11196	2.79E-03	2.85E-03	2.72E-03
4580	488863.09, 3859377.25	0.22568	5.62E-03	5.75E-03	5.48E-03
4581	489363.09, 3859377.25	0.60889	1.52E-02	1.55E-02	1.48E-02
4582	489863.09, 3859377.25	2.1193	5.28E-02	5.40E-02	5.15E-02
4583	490363.09, 3859377.25	0.72957	1.82E-02	1.86E-02	1.77E-02
4584	490863.09, 3859377.25	0.35826	8.92E-03	9.13E-03	8.70E-03
4585	491363.09, 3859377.25	0.17791	4.43E-03	4.54E-03	4.32E-03
4586	491863.09, 3859377.25	0.18884	4.70E-03	4.81E-03	4.59E-03
4587	492363.09, 3859377.25	0.16089	4.01E-03	4.10E-03	3.91E-03
4588	492863.09, 3859377.25	0.14386	3.58E-03	3.67E-03	3.49E-03
4589	493363.09, 3859377.25	0.11385	2.84E-03	2.90E-03	2.77E-03
4590	493863.09, 3859377.25	0.10013	2.49E-03	2.55E-03	2.43E-03
4591	494363.09, 3859377.25	0.08493	2.12E-03	2.17E-03	2.06E-03
4592	494863.09, 3859377.25	0.0668	1.66E-03	1.70E-03	1.62E-03
4593	495363.09, 3859377.25	0.06009	1.50E-03	1.53E-03	1.46E-03
4594	495863.09, 3859377.25	0.05268	1.31E-03	1.34E-03	1.28E-03
4595	496363.09, 3859377.25	0.04943	1.23E-03	1.26E-03	1.20E-03
4596	496863.09, 3859377.25	0.0425	1.06E-03	1.08E-03	1.03E-03
4597	497363.09, 3859377.25	0.04177	1.04E-03	1.06E-03	1.01E-03
4598	497863.09, 3859377.25	0.04343	1.08E-03	1.11E-03	1.05E-03

4599	498363.09, 3859377.25	0.04423	1.10E-03	1.13E-03	1.07E-03
4600	471363.09, 3859877.25	0.00945	2.35E-04	2.41E-04	2.30E-04
4601	471863.09, 3859877.25	0.00976	2.43E-04	2.49E-04	2.37E-04
4602	472363.09, 3859877.25	0.01003	2.50E-04	2.56E-04	2.44E-04
4603	472863.09, 3859877.25	0.01042	2.60E-04	2.66E-04	2.53E-04
4604	473363.09, 3859877.25	0.01078	2.68E-04	2.75E-04	2.62E-04
4605	473863.09, 3859877.25	0.01108	2.76E-04	2.82E-04	2.69E-04
4606	474363.09, 3859877.25	0.01076	2.68E-04	2.74E-04	2.61E-04
4607	474863.09, 3859877.25	0.00979	2.44E-04	2.50E-04	2.38E-04
4608	475363.09, 3859877.25	0.00692	1.72E-04	1.76E-04	1.68E-04
4609	475863.09, 3859877.25	0.00349	8.69E-05	8.90E-05	8.48E-05
4610	476363.09, 3859877.25	0.00186	4.63E-05	4.74E-05	4.52E-05
4611	476863.09, 3859877.25	0.00222	5.53E-05	5.66E-05	5.39E-05
4612	477363.09, 3859877.25	0.00239	5.95E-05	6.09E-05	5.81E-05
4613	477863.09, 3859877.25	0.00473	1.18E-04	1.21E-04	1.15E-04
4614	478363.09, 3859877.25	0.00772	1.92E-04	1.97E-04	1.88E-04
4615	478863.09, 3859877.25	0.01046	2.61E-04	2.67E-04	2.54E-04
4616	479363.09, 3859877.25	0.01268	3.16E-04	3.23E-04	3.08E-04
4617	479863.09, 3859877.25	0.01386	3.45E-04	3.53E-04	3.37E-04
4618	480363.09, 3859877.25	0.01475	3.67E-04	3.76E-04	3.58E-04
4619	480863.09, 3859877.25	0.0154	3.84E-04	3.93E-04	3.74E-04
4620	481363.09, 3859877.25	0.01585	3.95E-04	4.04E-04	3.85E-04
4621	481863.09, 3859877.25	0.01625	4.05E-04	4.14E-04	3.95E-04
4622	482363.09, 3859877.25	0.01683	4.19E-04	4.29E-04	4.09E-04
4623	482863.09, 3859877.25	0.01748	4.35E-04	4.46E-04	4.25E-04
4624	483363.09, 3859877.25	0.01844	4.59E-04	4.70E-04	4.48E-04
4625	483863.09, 3859877.25	0.01976	4.92E-04	5.04E-04	4.80E-04
4626	484363.09, 3859877.25	0.02102	5.23E-04	5.36E-04	5.11E-04
4627	484863.09, 3859877.25	0.02263	5.64E-04	5.77E-04	5.50E-04
4628	485363.09, 3859877.25	0.02475	6.16E-04	6.31E-04	6.01E-04
4629	485863.09, 3859877.25	0.02774	6.91E-04	7.07E-04	6.74E-04
4630	486363.09, 3859877.25	0.03207	7.99E-04	8.18E-04	7.79E-04
4631	486863.09, 3859877.25	0.03871	9.64E-04	9.87E-04	9.40E-04
4632	487363.09, 3859877.25	0.04729	1.18E-03	1.21E-03	1.15E-03
4633	487863.09, 3859877.25	0.06197	1.54E-03	1.58E-03	1.51E-03
4634	488363.09, 3859877.25	0.0845	2.10E-03	2.15E-03	2.05E-03
4635	488863.09, 3859877.25	0.12415	3.09E-03	3.16E-03	3.02E-03
4636	489363.09, 3859877.25	0.18908	4.71E-03	4.82E-03	4.59E-03
4637	489863.09, 3859877.25	0.31711	7.90E-03	8.08E-03	7.70E-03
4638	490363.09, 3859877.25	0.61838	1.54E-02	1.58E-02	1.50E-02
4639	490863.09, 3859877.25	3.0508	7.60E-02	7.78E-02	7.41E-02
4640	491363.09, 3859877.25	0.9772	2.43E-02	2.49E-02	2.37E-02
4641	491863.09, 3859877.25	0.50719	1.26E-02	1.29E-02	1.23E-02
4642	492363.09, 3859877.25	0.34054	8.48E-03	8.68E-03	8.27E-03
4643	492863.09, 3859877.25	0.23595	5.88E-03	6.01E-03	5.73E-03
4644	493363.09, 3859877.25	0.18178	4.53E-03	4.63E-03	4.42E-03
4645	493863.09, 3859877.25	0.14435	3.59E-03	3.68E-03	3.51E-03
4646	494363.09, 3859877.25	0.11342	2.82E-03	2.89E-03	2.75E-03
4647	494863.09, 3859877.25	0.09664	2.41E-03	2.46E-03	2.35E-03
4648	495363.09, 3859877.25	0.08097	2.02E-03	2.06E-03	1.97E-03
4649	495863.09, 3859877.25	0.06845	1.70E-03	1.74E-03	1.66E-03
4650	496363.09, 3859877.25	0.05574	1.39E-03	1.42E-03	1.35E-03
4651	496863.09, 3859877.25	0.04017	1.00E-03	1.02E-03	9.76E-04
4652	497363.09, 3859877.25	0.04436	1.10E-03	1.13E-03	1.08E-03
4653	497863.09, 3859877.25	0.04834	1.20E-03	1.23E-03	1.17E-03
4654	498363.09, 3859877.25	0.04809	1.20E-03	1.23E-03	1.17E-03
4655	471363.09, 3860377.25	0.00905	2.25E-04	2.31E-04	2.20E-04
4656	471863.09, 3860377.25	0.00933	2.32E-04	2.38E-04	2.27E-04
4657	472363.09, 3860377.25	0.00964	2.40E-04	2.46E-04	2.34E-04

4658	472863.09, 3860377.25	0.00997	2.48E-04	2.54E-04	2.42E-04
4659	473363.09, 3860377.25	0.01027	2.56E-04	2.62E-04	2.49E-04
4660	473863.09, 3860377.25	0.01052	2.62E-04	2.68E-04	2.56E-04
4661	474363.09, 3860377.25	0.0106	2.64E-04	2.70E-04	2.57E-04
4662	474863.09, 3860377.25	0.01042	2.60E-04	2.66E-04	2.53E-04
4663	475363.09, 3860377.25	0.00962	2.40E-04	2.45E-04	2.34E-04
4664	475863.09, 3860377.25	0.00851	2.12E-04	2.17E-04	2.07E-04
4665	476363.09, 3860377.25	0.00703	1.75E-04	1.79E-04	1.71E-04
4666	476863.09, 3860377.25	0.00638	1.59E-04	1.63E-04	1.55E-04
4667	477363.09, 3860377.25	0.0039	9.71E-05	9.94E-05	9.47E-05
4668	477863.09, 3860377.25	0.00491	1.22E-04	1.25E-04	1.19E-04
4669	478363.09, 3860377.25	0.00806	2.01E-04	2.05E-04	1.96E-04
4670	478863.09, 3860377.25	0.01016	2.53E-04	2.59E-04	2.47E-04
4671	479363.09, 3860377.25	0.01198	2.98E-04	3.05E-04	2.91E-04
4672	479863.09, 3860377.25	0.01322	3.29E-04	3.37E-04	3.21E-04
4673	480363.09, 3860377.25	0.01403	3.49E-04	3.58E-04	3.41E-04
4674	480863.09, 3860377.25	0.0146	3.64E-04	3.72E-04	3.55E-04
4675	481363.09, 3860377.25	0.01494	3.72E-04	3.81E-04	3.63E-04
4676	481863.09, 3860377.25	0.01543	3.84E-04	3.93E-04	3.75E-04
4677	482363.09, 3860377.25	0.01594	3.97E-04	4.06E-04	3.87E-04
4678	482863.09, 3860377.25	0.01651	4.11E-04	4.21E-04	4.01E-04
4679	483363.09, 3860377.25	0.01746	4.35E-04	4.45E-04	4.24E-04
4680	483863.09, 3860377.25	0.01867	4.65E-04	4.76E-04	4.53E-04
4681	484363.09, 3860377.25	0.02007	5.00E-04	5.12E-04	4.87E-04
4682	484863.09, 3860377.25	0.02171	5.41E-04	5.53E-04	5.27E-04
4683	485363.09, 3860377.25	0.02376	5.92E-04	6.06E-04	5.77E-04
4684	485863.09, 3860377.25	0.0267	6.65E-04	6.81E-04	6.49E-04
4685	486363.09, 3860377.25	0.03042	7.58E-04	7.75E-04	7.39E-04
4686	486863.09, 3860377.25	0.03501	8.72E-04	8.92E-04	8.50E-04
4687	487363.09, 3860377.25	0.04115	1.02E-03	1.05E-03	9.99E-04
4688	487863.09, 3860377.25	0.05107	1.27E-03	1.30E-03	1.24E-03
4689	488363.09, 3860377.25	0.06453	1.61E-03	1.65E-03	1.57E-03
4690	488863.09, 3860377.25	0.08254	2.06E-03	2.10E-03	2.00E-03
4691	489363.09, 3860377.25	0.10557	2.63E-03	2.69E-03	2.56E-03
4692	489863.09, 3860377.25	0.13999	3.49E-03	3.57E-03	3.40E-03
4693	490363.09, 3860377.25	0.18683	4.65E-03	4.76E-03	4.54E-03
4694	490863.09, 3860377.25	0.27573	6.87E-03	7.03E-03	6.70E-03
4695	491363.09, 3860377.25	0.61145	1.52E-02	1.56E-02	1.49E-02
4696	491863.09, 3860377.25	1.22637	3.05E-02	3.13E-02	2.98E-02
4697	492363.09, 3860377.25	0.51704	1.29E-02	1.32E-02	1.26E-02
4698	492863.09, 3860377.25	0.30494	7.59E-03	7.77E-03	7.41E-03
4699	493363.09, 3860377.25	0.20606	5.13E-03	5.25E-03	5.01E-03
4700	493863.09, 3860377.25	0.16	3.98E-03	4.08E-03	3.89E-03
4701	494363.09, 3860377.25	0.12631	3.15E-03	3.22E-03	3.07E-03
4702	494863.09, 3860377.25	0.10676	2.66E-03	2.72E-03	2.59E-03
4703	495363.09, 3860377.25	0.08948	2.23E-03	2.28E-03	2.17E-03
4704	495863.09, 3860377.25	0.07157	1.78E-03	1.82E-03	1.74E-03
4705	496363.09, 3860377.25	0.05765	1.44E-03	1.47E-03	1.40E-03
4706	496863.09, 3860377.25	0.04863	1.21E-03	1.24E-03	1.18E-03
4707	497363.09, 3860377.25	0.04042	1.01E-03	1.03E-03	9.82E-04
4708	497863.09, 3860377.25	0.04416	1.10E-03	1.13E-03	1.07E-03
4709	498363.09, 3860377.25	0.04552	1.13E-03	1.16E-03	1.11E-03
4710	471363.09, 3860877.25	0.00879	2.19E-04	2.24E-04	2.14E-04
4711	471863.09, 3860877.25	0.00906	2.26E-04	2.31E-04	2.20E-04
4712	472363.09, 3860877.25	0.00932	2.32E-04	2.38E-04	2.26E-04
4713	472863.09, 3860877.25	0.00961	2.39E-04	2.45E-04	2.33E-04
4714	473363.09, 3860877.25	0.00986	2.46E-04	2.51E-04	2.39E-04
4715	473863.09, 3860877.25	0.0101	2.52E-04	2.57E-04	2.45E-04
4716	474363.09, 3860877.25	0.01032	2.57E-04	2.63E-04	2.51E-04

4717	474863.09, 3860877.25	0.01052	2.62E-04	2.68E-04	2.56E-04
4718	475363.09, 3860877.25	0.01049	2.61E-04	2.67E-04	2.55E-04
4719	475863.09, 3860877.25	0.0102	2.54E-04	2.60E-04	2.48E-04
4720	476363.09, 3860877.25	0.00948	2.36E-04	2.42E-04	2.30E-04
4721	476863.09, 3860877.25	0.00913	2.27E-04	2.33E-04	2.22E-04
4722	477363.09, 3860877.25	0.00918	2.29E-04	2.34E-04	2.23E-04
4723	477863.09, 3860877.25	0.00828	2.06E-04	2.11E-04	2.01E-04
4724	478363.09, 3860877.25	0.00556	1.38E-04	1.42E-04	1.35E-04
4725	478863.09, 3860877.25	0.00946	2.36E-04	2.41E-04	2.30E-04
4726	479363.09, 3860877.25	0.01142	2.84E-04	2.91E-04	2.77E-04
4727	479863.09, 3860877.25	0.0126	3.14E-04	3.21E-04	3.06E-04
4728	480363.09, 3860877.25	0.01336	3.33E-04	3.41E-04	3.25E-04
4729	480863.09, 3860877.25	0.01378	3.43E-04	3.51E-04	3.35E-04
4730	481363.09, 3860877.25	0.01416	3.53E-04	3.61E-04	3.44E-04
4731	481863.09, 3860877.25	0.0146	3.64E-04	3.72E-04	3.55E-04
4732	482363.09, 3860877.25	0.01517	3.78E-04	3.87E-04	3.68E-04
4733	482863.09, 3860877.25	0.01582	3.94E-04	4.03E-04	3.84E-04
4734	483363.09, 3860877.25	0.01672	4.16E-04	4.26E-04	4.06E-04
4735	483863.09, 3860877.25	0.01793	4.47E-04	4.57E-04	4.36E-04
4736	484363.09, 3860877.25	0.01939	4.83E-04	4.94E-04	4.71E-04
4737	484863.09, 3860877.25	0.02081	5.18E-04	5.30E-04	5.05E-04
4738	485363.09, 3860877.25	0.0228	5.68E-04	5.81E-04	5.54E-04
4739	485863.09, 3860877.25	0.02521	6.28E-04	6.43E-04	6.12E-04
4740	486363.09, 3860877.25	0.02772	6.90E-04	7.07E-04	6.73E-04
4741	486863.09, 3860877.25	0.03121	7.77E-04	7.96E-04	7.58E-04
4742	487363.09, 3860877.25	0.03591	8.94E-04	9.15E-04	8.72E-04
4743	487863.09, 3860877.25	0.04198	1.05E-03	1.07E-03	1.02E-03
4744	488363.09, 3860877.25	0.05122	1.28E-03	1.31E-03	1.24E-03
4745	488863.09, 3860877.25	0.05945	1.48E-03	1.52E-03	1.44E-03
4746	489363.09, 3860877.25	0.07162	1.78E-03	1.83E-03	1.74E-03
4747	489863.09, 3860877.25	0.08155	2.03E-03	2.08E-03	1.98E-03
4748	490363.09, 3860877.25	0.09853	2.45E-03	2.51E-03	2.39E-03
4749	490863.09, 3860877.25	0.1208	3.01E-03	3.08E-03	2.93E-03
4750	491363.09, 3860877.25	0.14515	3.61E-03	3.70E-03	3.53E-03
4751	491863.09, 3860877.25	0.15769	3.93E-03	4.02E-03	3.83E-03
4752	492363.09, 3860877.25	0.15274	3.80E-03	3.89E-03	3.71E-03
4753	492863.09, 3860877.25	0.1482	3.69E-03	3.78E-03	3.60E-03
4754	493363.09, 3860877.25	0.1317	3.28E-03	3.36E-03	3.20E-03
4755	493863.09, 3860877.25	0.11167	2.78E-03	2.85E-03	2.71E-03
4756	494363.09, 3860877.25	0.09634	2.40E-03	2.46E-03	2.34E-03
4757	494863.09, 3860877.25	0.08453	2.11E-03	2.15E-03	2.05E-03
4758	495363.09, 3860877.25	0.0752	1.87E-03	1.92E-03	1.83E-03
4759	495863.09, 3860877.25	0.06715	1.67E-03	1.71E-03	1.63E-03
4760	496363.09, 3860877.25	0.06088	1.52E-03	1.55E-03	1.48E-03
4761	496863.09, 3860877.25	0.05154	1.28E-03	1.31E-03	1.25E-03
4762	497363.09, 3860877.25	0.0476	1.19E-03	1.21E-03	1.16E-03
4763	497863.09, 3860877.25	0.04309	1.07E-03	1.10E-03	1.05E-03
4764	498363.09, 3860877.25	0.04229	1.05E-03	1.08E-03	1.03E-03
4765	471363.09, 3861377.25	0.00856	2.13E-04	2.18E-04	2.08E-04
4766	471863.09, 3861377.25	0.0088	2.19E-04	2.24E-04	2.14E-04
4767	472363.09, 3861377.25	0.00903	2.25E-04	2.30E-04	2.19E-04
4768	472863.09, 3861377.25	0.00928	2.31E-04	2.37E-04	2.25E-04
4769	473363.09, 3861377.25	0.00951	2.37E-04	2.42E-04	2.31E-04
4770	473863.09, 3861377.25	0.00973	2.42E-04	2.48E-04	2.36E-04
4771	474363.09, 3861377.25	0.00998	2.49E-04	2.54E-04	2.42E-04
4772	474863.09, 3861377.25	0.01016	2.53E-04	2.59E-04	2.47E-04
4773	475363.09, 3861377.25	0.01041	2.59E-04	2.65E-04	2.53E-04
4774	475863.09, 3861377.25	0.01049	2.61E-04	2.67E-04	2.55E-04
4775	476363.09, 3861377.25	0.01041	2.59E-04	2.65E-04	2.53E-04

4776	476863.09, 3861377.25	0.01031	2.57E-04	2.63E-04	2.50E-04
4777	477363.09, 3861377.25	0.01027	2.56E-04	2.62E-04	2.49E-04
4778	477863.09, 3861377.25	0.00914	2.28E-04	2.33E-04	2.22E-04
4779	478363.09, 3861377.25	0.00638	1.59E-04	1.63E-04	1.55E-04
4780	478863.09, 3861377.25	0.00733	1.83E-04	1.87E-04	1.78E-04
4781	479363.09, 3861377.25	0.01056	2.63E-04	2.69E-04	2.56E-04
4782	479863.09, 3861377.25	0.01191	2.97E-04	3.04E-04	2.89E-04
4783	480363.09, 3861377.25	0.01276	3.18E-04	3.25E-04	3.10E-04
4784	480863.09, 3861377.25	0.01315	3.27E-04	3.35E-04	3.19E-04
4785	481363.09, 3861377.25	0.01355	3.37E-04	3.45E-04	3.29E-04
4786	481863.09, 3861377.25	0.01405	3.50E-04	3.58E-04	3.41E-04
4787	482363.09, 3861377.25	0.01461	3.64E-04	3.72E-04	3.55E-04
4788	482863.09, 3861377.25	0.01524	3.80E-04	3.89E-04	3.70E-04
4789	483363.09, 3861377.25	0.01609	4.01E-04	4.10E-04	3.91E-04
4790	483863.09, 3861377.25	0.01731	4.31E-04	4.41E-04	4.20E-04
4791	484363.09, 3861377.25	0.01864	4.64E-04	4.75E-04	4.53E-04
4792	484863.09, 3861377.25	0.01993	4.96E-04	5.08E-04	4.84E-04
4793	485363.09, 3861377.25	0.02112	5.26E-04	5.38E-04	5.13E-04
4794	485863.09, 3861377.25	0.0229	5.70E-04	5.84E-04	5.56E-04
4795	486363.09, 3861377.25	0.02497	6.22E-04	6.37E-04	6.07E-04
4796	486863.09, 3861377.25	0.02772	6.90E-04	7.07E-04	6.73E-04
4797	487363.09, 3861377.25	0.03115	7.76E-04	7.94E-04	7.57E-04
4798	487863.09, 3861377.25	0.03523	8.77E-04	8.98E-04	8.56E-04
4799	488363.09, 3861377.25	0.03949	9.83E-04	1.01E-03	9.59E-04
4800	488863.09, 3861377.25	0.04503	1.12E-03	1.15E-03	1.09E-03
4801	489363.09, 3861377.25	0.04984	1.24E-03	1.27E-03	1.21E-03
4802	489863.09, 3861377.25	0.05555	1.38E-03	1.42E-03	1.35E-03
4803	490363.09, 3861377.25	0.06009	1.50E-03	1.53E-03	1.46E-03
4804	490863.09, 3861377.25	0.06587	1.64E-03	1.68E-03	1.60E-03
4805	491363.09, 3861377.25	0.06925	1.72E-03	1.77E-03	1.68E-03
4806	491863.09, 3861377.25	0.0682	1.70E-03	1.74E-03	1.66E-03
4807	492363.09, 3861377.25	0.0689	1.72E-03	1.76E-03	1.67E-03
4808	492863.09, 3861377.25	0.0665	1.66E-03	1.70E-03	1.62E-03
4809	493363.09, 3861377.25	0.06861	1.71E-03	1.75E-03	1.67E-03
4810	493863.09, 3861377.25	0.06701	1.67E-03	1.71E-03	1.63E-03
4811	494363.09, 3861377.25	0.06245	1.56E-03	1.59E-03	1.52E-03
4812	494863.09, 3861377.25	0.05834	1.45E-03	1.49E-03	1.42E-03
4813	495363.09, 3861377.25	0.05439	1.35E-03	1.39E-03	1.32E-03
4814	495863.09, 3861377.25	0.05052	1.26E-03	1.29E-03	1.23E-03
4815	496363.09, 3861377.25	0.04801	1.20E-03	1.22E-03	1.17E-03
4816	496863.09, 3861377.25	0.04581	1.14E-03	1.17E-03	1.11E-03
4817	497363.09, 3861377.25	0.04306	1.07E-03	1.10E-03	1.05E-03
4818	497863.09, 3861377.25	0.04055	1.01E-03	1.03E-03	9.85E-04
4819	498363.09, 3861377.25	0.03843	9.57E-04	9.80E-04	9.33E-04
4820	471363.09, 3861877.25	0.00826	2.06E-04	2.11E-04	2.01E-04
4821	471863.09, 3861877.25	0.00846	2.11E-04	2.16E-04	2.05E-04
4822	472363.09, 3861877.25	0.00867	2.16E-04	2.21E-04	2.11E-04
4823	472863.09, 3861877.25	0.0089	2.22E-04	2.27E-04	2.16E-04
4824	473363.09, 3861877.25	0.00912	2.27E-04	2.32E-04	2.22E-04
4825	473863.09, 3861877.25	0.00933	2.32E-04	2.38E-04	2.27E-04
4826	474363.09, 3861877.25	0.00955	2.38E-04	2.43E-04	2.32E-04
4827	474863.09, 3861877.25	0.00974	2.43E-04	2.48E-04	2.37E-04
4828	475363.09, 3861877.25	0.00992	2.47E-04	2.53E-04	2.41E-04
4829	475863.09, 3861877.25	0.01009	2.51E-04	2.57E-04	2.45E-04
4830	476363.09, 3861877.25	0.01023	2.55E-04	2.61E-04	2.48E-04
4831	476863.09, 3861877.25	0.01028	2.56E-04	2.62E-04	2.50E-04
4832	477363.09, 3861877.25	0.01024	2.55E-04	2.61E-04	2.49E-04
4833	477863.09, 3861877.25	0.00885	2.20E-04	2.26E-04	2.15E-04
4834	478363.09, 3861877.25	0.0054	1.34E-04	1.38E-04	1.31E-04

4835	478863.09, 3861877.25	0.00769	1.92E-04	1.96E-04	1.87E-04
4836	479363.09, 3861877.25	0.00713	1.78E-04	1.82E-04	1.73E-04
4837	479863.09, 3861877.25	0.01128	2.81E-04	2.88E-04	2.74E-04
4838	480363.09, 3861877.25	0.0122	3.04E-04	3.11E-04	2.96E-04
4839	480863.09, 3861877.25	0.01255	3.13E-04	3.20E-04	3.05E-04
4840	481363.09, 3861877.25	0.01292	3.22E-04	3.29E-04	3.14E-04
4841	481863.09, 3861877.25	0.01338	3.33E-04	3.41E-04	3.25E-04
4842	482363.09, 3861877.25	0.01393	3.47E-04	3.55E-04	3.38E-04
4843	482863.09, 3861877.25	0.01462	3.64E-04	3.73E-04	3.55E-04
4844	483363.09, 3861877.25	0.01546	3.85E-04	3.94E-04	3.76E-04
4845	483863.09, 3861877.25	0.01641	4.09E-04	4.18E-04	3.99E-04
4846	484363.09, 3861877.25	0.01737	4.33E-04	4.43E-04	4.22E-04
4847	484863.09, 3861877.25	0.01845	4.59E-04	4.70E-04	4.48E-04
4848	485363.09, 3861877.25	0.01961	4.88E-04	5.00E-04	4.76E-04
4849	485863.09, 3861877.25	0.02076	5.17E-04	5.29E-04	5.04E-04
4850	486363.09, 3861877.25	0.02244	5.59E-04	5.72E-04	5.45E-04
4851	486863.09, 3861877.25	0.02455	6.11E-04	6.26E-04	5.96E-04
4852	487363.09, 3861877.25	0.02709	6.75E-04	6.91E-04	6.58E-04
4853	487863.09, 3861877.25	0.02966	7.39E-04	7.56E-04	7.20E-04
4854	488363.09, 3861877.25	0.03236	8.06E-04	8.25E-04	7.86E-04
4855	488863.09, 3861877.25	0.03506	8.73E-04	8.94E-04	8.52E-04
4856	489363.09, 3861877.25	0.03701	9.22E-04	9.43E-04	8.99E-04
4857	489863.09, 3861877.25	0.0396	9.86E-04	1.01E-03	9.62E-04
4858	490363.09, 3861877.25	0.04145	1.03E-03	1.06E-03	1.01E-03
4859	490863.09, 3861877.25	0.04296	1.07E-03	1.10E-03	1.04E-03
4860	491363.09, 3861877.25	0.04334	1.08E-03	1.10E-03	1.05E-03
4861	491863.09, 3861877.25	0.04336	1.08E-03	1.11E-03	1.05E-03
4862	492363.09, 3861877.25	0.04293	1.07E-03	1.09E-03	1.04E-03
4863	492863.09, 3861877.25	0.04312	1.07E-03	1.10E-03	1.05E-03
4864	493363.09, 3861877.25	0.04174	1.04E-03	1.06E-03	1.01E-03
4865	493863.09, 3861877.25	0.04105	1.02E-03	1.05E-03	9.97E-04
4866	494363.09, 3861877.25	0.04256	1.06E-03	1.08E-03	1.03E-03
4867	494863.09, 3861877.25	0.04209	1.05E-03	1.07E-03	1.02E-03
4868	495363.09, 3861877.25	0.04009	9.98E-04	1.02E-03	9.74E-04
4869	495863.09, 3861877.25	0.03812	9.49E-04	9.72E-04	9.26E-04
4870	496363.09, 3861877.25	0.03656	9.11E-04	9.32E-04	8.88E-04
4871	496863.09, 3861877.25	0.03652	9.10E-04	9.31E-04	8.87E-04
4872	497363.09, 3861877.25	0.03439	8.56E-04	8.77E-04	8.35E-04
4873	497863.09, 3861877.25	0.03268	8.14E-04	8.33E-04	7.94E-04
4874	498363.09, 3861877.25	0.03136	7.81E-04	7.99E-04	7.62E-04
4875	471363.09, 3862377.25	0.0079	1.97E-04	2.01E-04	1.92E-04
4876	471863.09, 3862377.25	0.00808	2.01E-04	2.06E-04	1.96E-04
4877	472363.09, 3862377.25	0.00828	2.06E-04	2.11E-04	2.01E-04
4878	472863.09, 3862377.25	0.00848	2.11E-04	2.16E-04	2.06E-04
4879	473363.09, 3862377.25	0.00869	2.16E-04	2.22E-04	2.11E-04
4880	473863.09, 3862377.25	0.0089	2.22E-04	2.27E-04	2.16E-04
4881	474363.09, 3862377.25	0.0091	2.27E-04	2.32E-04	2.21E-04
4882	474863.09, 3862377.25	0.00923	2.30E-04	2.35E-04	2.24E-04
4883	475363.09, 3862377.25	0.00939	2.34E-04	2.39E-04	2.28E-04
4884	475863.09, 3862377.25	0.00954	2.38E-04	2.43E-04	2.32E-04
4885	476363.09, 3862377.25	0.0097	2.42E-04	2.47E-04	2.36E-04
4886	476863.09, 3862377.25	0.00988	2.46E-04	2.52E-04	2.40E-04
4887	477363.09, 3862377.25	0.00993	2.47E-04	2.53E-04	2.41E-04
4888	477863.09, 3862377.25	0.00905	2.25E-04	2.31E-04	2.20E-04
4889	478363.09, 3862377.25	0.00785	1.96E-04	2.00E-04	1.91E-04
4890	478863.09, 3862377.25	0.00806	2.01E-04	2.05E-04	1.96E-04
4891	479363.09, 3862377.25	0.00892	2.22E-04	2.27E-04	2.17E-04
4892	479863.09, 3862377.25	0.01103	2.75E-04	2.81E-04	2.68E-04
4893	480363.09, 3862377.25	0.01167	2.91E-04	2.97E-04	2.83E-04

4894	480863.09, 3862377.25	0.01198	2.98E-04	3.05E-04	2.91E-04
4895	481363.09, 3862377.25	0.01239	3.09E-04	3.16E-04	3.01E-04
4896	481863.09, 3862377.25	0.01289	3.21E-04	3.29E-04	3.13E-04
4897	482363.09, 3862377.25	0.01344	3.35E-04	3.43E-04	3.26E-04
4898	482863.09, 3862377.25	0.014	3.49E-04	3.57E-04	3.40E-04
4899	483363.09, 3862377.25	0.0146	3.64E-04	3.72E-04	3.55E-04
4900	483863.09, 3862377.25	0.0153	3.81E-04	3.90E-04	3.72E-04
4901	484363.09, 3862377.25	0.01615	4.02E-04	4.12E-04	3.92E-04
4902	484863.09, 3862377.25	0.017	4.23E-04	4.33E-04	4.13E-04
4903	485363.09, 3862377.25	0.01782	4.44E-04	4.54E-04	4.33E-04
4904	485863.09, 3862377.25	0.01887	4.70E-04	4.81E-04	4.58E-04
4905	486363.09, 3862377.25	0.02005	4.99E-04	5.11E-04	4.87E-04
4906	486863.09, 3862377.25	0.02156	5.37E-04	5.50E-04	5.24E-04
4907	487363.09, 3862377.25	0.02329	5.80E-04	5.94E-04	5.66E-04
4908	487863.09, 3862377.25	0.02498	6.22E-04	6.37E-04	6.07E-04
4909	488363.09, 3862377.25	0.02657	6.62E-04	6.77E-04	6.45E-04
4910	488863.09, 3862377.25	0.02821	7.03E-04	7.19E-04	6.85E-04
4911	489363.09, 3862377.25	0.02976	7.41E-04	7.59E-04	7.23E-04
4912	489863.09, 3862377.25	0.03125	7.78E-04	7.97E-04	7.59E-04
4913	490363.09, 3862377.25	0.03238	8.06E-04	8.25E-04	7.86E-04
4914	490863.09, 3862377.25	0.03234	8.05E-04	8.24E-04	7.86E-04
4915	491363.09, 3862377.25	0.032	7.97E-04	8.16E-04	7.77E-04
4916	491863.09, 3862377.25	0.03133	7.80E-04	7.99E-04	7.61E-04
4917	492363.09, 3862377.25	0.03164	7.88E-04	8.07E-04	7.69E-04
4918	492863.09, 3862377.25	0.0321	7.99E-04	8.18E-04	7.80E-04
4919	493363.09, 3862377.25	0.03186	7.93E-04	8.12E-04	7.74E-04
4920	493863.09, 3862377.25	0.03077	7.66E-04	7.84E-04	7.47E-04
4921	494363.09, 3862377.25	0.02955	7.36E-04	7.53E-04	7.18E-04
4922	494863.09, 3862377.25	0.03021	7.52E-04	7.70E-04	7.34E-04
4923	495363.09, 3862377.25	0.03069	7.64E-04	7.82E-04	7.45E-04
4924	495863.09, 3862377.25	0.03009	7.49E-04	7.67E-04	7.31E-04
4925	496363.09, 3862377.25	0.02889	7.19E-04	7.36E-04	7.02E-04
4926	496863.09, 3862377.25	0.0282	7.02E-04	7.19E-04	6.85E-04
4927	497363.09, 3862377.25	0.02701	6.73E-04	6.89E-04	6.56E-04
4928	497863.09, 3862377.25	0.0261	6.50E-04	6.65E-04	6.34E-04
4929	498363.09, 3862377.25	0.02517	6.27E-04	6.42E-04	6.11E-04
4930	471363.09, 3862877.25	0.00754	1.88E-04	1.92E-04	1.83E-04
4931	471863.09, 3862877.25	0.0077	1.92E-04	1.96E-04	1.87E-04
4932	472363.09, 3862877.25	0.00788	1.96E-04	2.01E-04	1.91E-04
4933	472863.09, 3862877.25	0.00807	2.01E-04	2.06E-04	1.96E-04
4934	473363.09, 3862877.25	0.00828	2.06E-04	2.11E-04	2.01E-04
4935	473863.09, 3862877.25	0.00847	2.11E-04	2.16E-04	2.06E-04
4936	474363.09, 3862877.25	0.00865	2.15E-04	2.21E-04	2.10E-04
4937	474863.09, 3862877.25	0.00879	2.19E-04	2.24E-04	2.14E-04
4938	475363.09, 3862877.25	0.00894	2.23E-04	2.28E-04	2.17E-04
4939	475863.09, 3862877.25	0.00909	2.26E-04	2.32E-04	2.21E-04
4940	476363.09, 3862877.25	0.00926	2.31E-04	2.36E-04	2.25E-04
4941	476863.09, 3862877.25	0.00945	2.35E-04	2.41E-04	2.30E-04
4942	477363.09, 3862877.25	0.0096	2.39E-04	2.45E-04	2.33E-04
4943	477863.09, 3862877.25	0.00945	2.35E-04	2.41E-04	2.30E-04
4944	478363.09, 3862877.25	0.00843	2.10E-04	2.15E-04	2.05E-04
4945	478863.09, 3862877.25	0.0086	2.14E-04	2.19E-04	2.09E-04
4946	479363.09, 3862877.25	0.00894	2.23E-04	2.28E-04	2.17E-04
4947	479863.09, 3862877.25	0.01086	2.70E-04	2.77E-04	2.64E-04
4948	480363.09, 3862877.25	0.01123	2.80E-04	2.86E-04	2.73E-04
4949	480863.09, 3862877.25	0.01158	2.88E-04	2.95E-04	2.81E-04
4950	481363.09, 3862877.25	0.01196	2.98E-04	3.05E-04	2.90E-04
4951	481863.09, 3862877.25	0.01238	3.08E-04	3.16E-04	3.01E-04
4952	482363.09, 3862877.25	0.01276	3.18E-04	3.25E-04	3.10E-04

4953	482863.09, 3862877.25	0.01318	3.28E-04	3.36E-04	3.20E-04
4954	483363.09, 3862877.25	0.01368	3.41E-04	3.49E-04	3.32E-04
4955	483863.09, 3862877.25	0.01426	3.55E-04	3.64E-04	3.46E-04
4956	484363.09, 3862877.25	0.01491	3.71E-04	3.80E-04	3.62E-04
4957	484863.09, 3862877.25	0.01546	3.85E-04	3.94E-04	3.76E-04
4958	485363.09, 3862877.25	0.01614	4.02E-04	4.11E-04	3.92E-04
4959	485863.09, 3862877.25	0.01693	4.22E-04	4.32E-04	4.11E-04
4960	486363.09, 3862877.25	0.01795	4.47E-04	4.58E-04	4.36E-04
4961	486863.09, 3862877.25	0.01896	4.72E-04	4.83E-04	4.61E-04
4962	487363.09, 3862877.25	0.02001	4.98E-04	5.10E-04	4.86E-04
4963	487863.09, 3862877.25	0.02116	5.27E-04	5.39E-04	5.14E-04
4964	488363.09, 3862877.25	0.02247	5.60E-04	5.73E-04	5.46E-04
4965	488863.09, 3862877.25	0.02366	5.89E-04	6.03E-04	5.75E-04
4966	489363.09, 3862877.25	0.02455	6.11E-04	6.26E-04	5.96E-04
4967	489863.09, 3862877.25	0.02532	6.31E-04	6.45E-04	6.15E-04
4968	490363.09, 3862877.25	0.02566	6.39E-04	6.54E-04	6.23E-04
4969	490863.09, 3862877.25	0.02546	6.34E-04	6.49E-04	6.18E-04
4970	491363.09, 3862877.25	0.02544	6.34E-04	6.49E-04	6.18E-04
4971	491863.09, 3862877.25	0.02473	6.16E-04	6.30E-04	6.01E-04
4972	492363.09, 3862877.25	0.02493	6.21E-04	6.36E-04	6.06E-04
4973	492863.09, 3862877.25	0.02486	6.19E-04	6.34E-04	6.04E-04
4974	493363.09, 3862877.25	0.02538	6.32E-04	6.47E-04	6.16E-04
4975	493863.09, 3862877.25	0.0253	6.30E-04	6.45E-04	6.15E-04
4976	494363.09, 3862877.25	0.0245	6.10E-04	6.25E-04	5.95E-04
4977	494863.09, 3862877.25	0.02317	5.77E-04	5.91E-04	5.63E-04
4978	495363.09, 3862877.25	0.02292	5.71E-04	5.84E-04	5.57E-04
4979	495863.09, 3862877.25	0.02358	5.87E-04	6.01E-04	5.73E-04
4980	496363.09, 3862877.25	0.02393	5.96E-04	6.10E-04	5.81E-04
4981	496863.09, 3862877.25	0.02346	5.84E-04	5.98E-04	5.70E-04
4982	497363.09, 3862877.25	0.02259	5.63E-04	5.76E-04	5.49E-04
4983	497863.09, 3862877.25	0.02185	5.44E-04	5.57E-04	5.31E-04
4984	498363.09, 3862877.25	0.02132	5.31E-04	5.44E-04	5.18E-04
4985	471363.09, 3863377.25	0.0072	1.79E-04	1.84E-04	1.75E-04
4986	471863.09, 3863377.25	0.00736	1.83E-04	1.88E-04	1.79E-04
4987	472363.09, 3863377.25	0.00754	1.88E-04	1.92E-04	1.83E-04
4988	472863.09, 3863377.25	0.00773	1.93E-04	1.97E-04	1.88E-04
4989	473363.09, 3863377.25	0.00792	1.97E-04	2.02E-04	1.92E-04
4990	473863.09, 3863377.25	0.00811	2.02E-04	2.07E-04	1.97E-04
4991	474363.09, 3863377.25	0.00828	2.06E-04	2.11E-04	2.01E-04
4992	474863.09, 3863377.25	0.00843	2.10E-04	2.15E-04	2.05E-04
4993	475363.09, 3863377.25	0.00858	2.14E-04	2.19E-04	2.08E-04
4994	475863.09, 3863377.25	0.00875	2.18E-04	2.23E-04	2.13E-04
4995	476363.09, 3863377.25	0.00893	2.22E-04	2.28E-04	2.17E-04
4996	476863.09, 3863377.25	0.0091	2.27E-04	2.32E-04	2.21E-04
4997	477363.09, 3863377.25	0.00928	2.31E-04	2.37E-04	2.25E-04
4998	477863.09, 3863377.25	0.00937	2.33E-04	2.39E-04	2.28E-04
4999	478363.09, 3863377.25	0.00908	2.26E-04	2.31E-04	2.21E-04
5000	478863.09, 3863377.25	0.00942	2.35E-04	2.40E-04	2.29E-04
5001	479363.09, 3863377.25	0.0101	2.52E-04	2.57E-04	2.45E-04
5002	479863.09, 3863377.25	0.01055	2.63E-04	2.69E-04	2.56E-04
5003	480363.09, 3863377.25	0.01083	2.70E-04	2.76E-04	2.63E-04
5004	480863.09, 3863377.25	0.01113	2.77E-04	2.84E-04	2.70E-04
5005	481363.09, 3863377.25	0.0114	2.84E-04	2.91E-04	2.77E-04
5006	481863.09, 3863377.25	0.01167	2.91E-04	2.97E-04	2.83E-04
5007	482363.09, 3863377.25	0.01196	2.98E-04	3.05E-04	2.90E-04
5008	482863.09, 3863377.25	0.01227	3.06E-04	3.13E-04	2.98E-04
5009	483363.09, 3863377.25	0.01266	3.15E-04	3.23E-04	3.08E-04
5010	483863.09, 3863377.25	0.0131	3.26E-04	3.34E-04	3.18E-04
5011	484363.09, 3863377.25	0.01354	3.37E-04	3.45E-04	3.29E-04

5012	484863.09, 3863377.25	0.01407	3.50E-04	3.59E-04	3.42E-04
5013	485363.09, 3863377.25	0.01462	3.64E-04	3.73E-04	3.55E-04
5014	485863.09, 3863377.25	0.01524	3.80E-04	3.89E-04	3.70E-04
5015	486363.09, 3863377.25	0.01594	3.97E-04	4.06E-04	3.87E-04
5016	486863.09, 3863377.25	0.01671	4.16E-04	4.26E-04	4.06E-04
5017	487363.09, 3863377.25	0.01752	4.36E-04	4.47E-04	4.26E-04
5018	487863.09, 3863377.25	0.01849	4.60E-04	4.71E-04	4.49E-04
5019	488363.09, 3863377.25	0.01941	4.83E-04	4.95E-04	4.71E-04
5020	488863.09, 3863377.25	0.02024	5.04E-04	5.16E-04	4.92E-04
5021	489363.09, 3863377.25	0.02072	5.16E-04	5.28E-04	5.03E-04
5022	489863.09, 3863377.25	0.02094	5.22E-04	5.34E-04	5.09E-04
5023	490363.09, 3863377.25	0.02102	5.23E-04	5.36E-04	5.11E-04
5024	490863.09, 3863377.25	0.02103	5.24E-04	5.36E-04	5.11E-04
5025	491363.09, 3863377.25	0.02056	5.12E-04	5.24E-04	4.99E-04
5026	491863.09, 3863377.25	0.02031	5.06E-04	5.18E-04	4.93E-04
5027	492363.09, 3863377.25	0.02079	5.18E-04	5.30E-04	5.05E-04
5028	492863.09, 3863377.25	0.0211	5.25E-04	5.38E-04	5.13E-04
5029	493363.09, 3863377.25	0.02137	5.32E-04	5.45E-04	5.19E-04
5030	493863.09, 3863377.25	0.02147	5.35E-04	5.47E-04	5.21E-04
5031	494363.09, 3863377.25	0.02125	5.29E-04	5.42E-04	5.16E-04
5032	494863.09, 3863377.25	0.02073	5.16E-04	5.28E-04	5.04E-04
5033	495363.09, 3863377.25	0.01989	4.95E-04	5.07E-04	4.83E-04
5034	495863.09, 3863377.25	0.0195	4.86E-04	4.97E-04	4.74E-04
5035	496363.09, 3863377.25	0.01919	4.78E-04	4.89E-04	4.66E-04
5036	496863.09, 3863377.25	0.01922	4.79E-04	4.90E-04	4.67E-04
5037	497363.09, 3863377.25	0.01935	4.82E-04	4.93E-04	4.70E-04
5038	497863.09, 3863377.25	0.01906	4.75E-04	4.86E-04	4.63E-04
5039	498363.09, 3863377.25	0.0185	4.61E-04	4.72E-04	4.49E-04
5040	471363.09, 3863877.25	0.00692	1.72E-04	1.76E-04	1.68E-04
5041	471863.09, 3863877.25	0.00708	1.76E-04	1.80E-04	1.72E-04
5042	472363.09, 3863877.25	0.00727	1.81E-04	1.85E-04	1.77E-04
5043	472863.09, 3863877.25	0.00746	1.86E-04	1.90E-04	1.81E-04
5044	473363.09, 3863877.25	0.00764	1.90E-04	1.95E-04	1.86E-04
5045	473863.09, 3863877.25	0.00782	1.95E-04	1.99E-04	1.90E-04
5046	474363.09, 3863877.25	0.00798	1.99E-04	2.03E-04	1.94E-04
5047	474863.09, 3863877.25	0.00812	2.02E-04	2.07E-04	1.97E-04
5048	475363.09, 3863877.25	0.00827	2.06E-04	2.11E-04	2.01E-04
5049	475863.09, 3863877.25	0.00842	2.10E-04	2.15E-04	2.05E-04
5050	476363.09, 3863877.25	0.00858	2.14E-04	2.19E-04	2.08E-04
5051	476863.09, 3863877.25	0.00873	2.17E-04	2.23E-04	2.12E-04
5052	477363.09, 3863877.25	0.0089	2.22E-04	2.27E-04	2.16E-04
5053	477863.09, 3863877.25	0.00908	2.26E-04	2.31E-04	2.21E-04
5054	478363.09, 3863877.25	0.00905	2.25E-04	2.31E-04	2.20E-04
5055	478863.09, 3863877.25	0.00957	2.38E-04	2.44E-04	2.32E-04
5056	479363.09, 3863877.25	0.00991	2.47E-04	2.53E-04	2.41E-04
5057	479863.09, 3863877.25	0.01015	2.53E-04	2.59E-04	2.47E-04
5058	480363.09, 3863877.25	0.01033	2.57E-04	2.63E-04	2.51E-04
5059	480863.09, 3863877.25	0.01052	2.62E-04	2.68E-04	2.56E-04
5060	481363.09, 3863877.25	0.0107	2.66E-04	2.73E-04	2.60E-04
5061	481863.09, 3863877.25	0.0109	2.71E-04	2.78E-04	2.65E-04
5062	482363.09, 3863877.25	0.01113	2.77E-04	2.84E-04	2.70E-04
5063	482863.09, 3863877.25	0.01135	2.83E-04	2.89E-04	2.76E-04
5064	483363.09, 3863877.25	0.01163	2.90E-04	2.96E-04	2.82E-04
5065	483863.09, 3863877.25	0.01199	2.99E-04	3.06E-04	2.91E-04
5066	484363.09, 3863877.25	0.01236	3.08E-04	3.15E-04	3.00E-04
5067	484863.09, 3863877.25	0.01282	3.19E-04	3.27E-04	3.11E-04
5068	485363.09, 3863877.25	0.01324	3.30E-04	3.38E-04	3.22E-04
5069	485863.09, 3863877.25	0.01375	3.42E-04	3.51E-04	3.34E-04
5070	486363.09, 3863877.25	0.01432	3.57E-04	3.65E-04	3.48E-04

5071	486863.09, 3863877.25	0.01498	3.73E-04	3.82E-04	3.64E-04
5072	487363.09, 3863877.25	0.01562	3.89E-04	3.98E-04	3.79E-04
5073	487863.09, 3863877.25	0.01633	4.07E-04	4.16E-04	3.97E-04
5074	488363.09, 3863877.25	0.01701	4.24E-04	4.34E-04	4.13E-04
5075	488863.09, 3863877.25	0.01759	4.38E-04	4.48E-04	4.27E-04
5076	489363.09, 3863877.25	0.01779	4.43E-04	4.54E-04	4.32E-04
5077	489863.09, 3863877.25	0.01779	4.43E-04	4.54E-04	4.32E-04
5078	490363.09, 3863877.25	0.01775	4.42E-04	4.52E-04	4.31E-04
5079	490863.09, 3863877.25	0.01774	4.42E-04	4.52E-04	4.31E-04
5080	491363.09, 3863877.25	0.01744	4.34E-04	4.45E-04	4.24E-04
5081	491863.09, 3863877.25	0.01767	4.40E-04	4.50E-04	4.29E-04
5082	492363.09, 3863877.25	0.01757	4.38E-04	4.48E-04	4.27E-04
5083	492863.09, 3863877.25	0.0164	4.08E-04	4.18E-04	3.98E-04
5084	493363.09, 3863877.25	0.01668	4.15E-04	4.25E-04	4.05E-04
5085	493863.09, 3863877.25	0.01728	4.30E-04	4.41E-04	4.20E-04
5086	494363.09, 3863877.25	0.01796	4.47E-04	4.58E-04	4.36E-04
5087	494863.09, 3863877.25	0.01788	4.45E-04	4.56E-04	4.34E-04
5088	495363.09, 3863877.25	0.01771	4.41E-04	4.51E-04	4.30E-04
5089	495863.09, 3863877.25	0.01685	4.20E-04	4.30E-04	4.09E-04
5090	496363.09, 3863877.25	0.01633	4.07E-04	4.16E-04	3.97E-04
5091	496863.09, 3863877.25	0.01609	4.01E-04	4.10E-04	3.91E-04
5092	497363.09, 3863877.25	0.01619	4.03E-04	4.13E-04	3.93E-04
5093	497863.09, 3863877.25	0.01646	4.10E-04	4.20E-04	4.00E-04
5094	498363.09, 3863877.25	0.01638	4.08E-04	4.18E-04	3.98E-04
5095	471363.09, 3864377.25	0.0067	1.67E-04	1.71E-04	1.63E-04
5096	471863.09, 3864377.25	0.00687	1.71E-04	1.75E-04	1.67E-04
5097	472363.09, 3864377.25	0.00705	1.76E-04	1.80E-04	1.71E-04
5098	472863.09, 3864377.25	0.00723	1.80E-04	1.84E-04	1.76E-04
5099	473363.09, 3864377.25	0.00739	1.84E-04	1.88E-04	1.79E-04
5100	473863.09, 3864377.25	0.00755	1.88E-04	1.92E-04	1.83E-04
5101	474363.09, 3864377.25	0.00769	1.92E-04	1.96E-04	1.87E-04
5102	474863.09, 3864377.25	0.00783	1.95E-04	2.00E-04	1.90E-04
5103	475363.09, 3864377.25	0.00797	1.98E-04	2.03E-04	1.94E-04
5104	475863.09, 3864377.25	0.00811	2.02E-04	2.07E-04	1.97E-04
5105	476363.09, 3864377.25	0.00825	2.05E-04	2.10E-04	2.00E-04
5106	476863.09, 3864377.25	0.00841	2.09E-04	2.14E-04	2.04E-04
5107	477363.09, 3864377.25	0.00857	2.13E-04	2.18E-04	2.08E-04
5108	477863.09, 3864377.25	0.00876	2.18E-04	2.23E-04	2.13E-04
5109	478363.09, 3864377.25	0.00899	2.24E-04	2.29E-04	2.18E-04
5110	478863.09, 3864377.25	0.00924	2.30E-04	2.36E-04	2.24E-04
5111	479363.09, 3864377.25	0.00944	2.35E-04	2.41E-04	2.29E-04
5112	479863.09, 3864377.25	0.00959	2.39E-04	2.44E-04	2.33E-04
5113	480363.09, 3864377.25	0.00972	2.42E-04	2.48E-04	2.36E-04
5114	480863.09, 3864377.25	0.00982	2.45E-04	2.50E-04	2.39E-04
5115	481363.09, 3864377.25	0.00998	2.49E-04	2.54E-04	2.42E-04
5116	481863.09, 3864377.25	0.01015	2.53E-04	2.59E-04	2.47E-04
5117	482363.09, 3864377.25	0.01031	2.57E-04	2.63E-04	2.50E-04
5118	482863.09, 3864377.25	0.01048	2.61E-04	2.67E-04	2.55E-04
5119	483363.09, 3864377.25	0.01068	2.66E-04	2.72E-04	2.59E-04
5120	483863.09, 3864377.25	0.01095	2.73E-04	2.79E-04	2.66E-04
5121	484363.09, 3864377.25	0.01129	2.81E-04	2.88E-04	2.74E-04
5122	484863.09, 3864377.25	0.01163	2.90E-04	2.96E-04	2.82E-04
5123	485363.09, 3864377.25	0.01204	3.00E-04	3.07E-04	2.92E-04
5124	485863.09, 3864377.25	0.01255	3.13E-04	3.20E-04	3.05E-04
5125	486363.09, 3864377.25	0.01309	3.26E-04	3.34E-04	3.18E-04
5126	486863.09, 3864377.25	0.01355	3.37E-04	3.45E-04	3.29E-04
5127	487363.09, 3864377.25	0.01405	3.50E-04	3.58E-04	3.41E-04
5128	487863.09, 3864377.25	0.0146	3.64E-04	3.72E-04	3.55E-04
5129	488363.09, 3864377.25	0.01506	3.75E-04	3.84E-04	3.66E-04

5130	488863.09, 3864377.25	0.01543	3.84E-04	3.93E-04	3.75E-04
5131	489363.09, 3864377.25	0.01552	3.87E-04	3.96E-04	3.77E-04
5132	489863.09, 3864377.25	0.01542	3.84E-04	3.93E-04	3.75E-04
5133	490363.09, 3864377.25	0.0154	3.84E-04	3.93E-04	3.74E-04
5134	490863.09, 3864377.25	0.01545	3.85E-04	3.94E-04	3.75E-04
5135	491363.09, 3864377.25	0.01548	3.86E-04	3.95E-04	3.76E-04
5136	491863.09, 3864377.25	0.0072	1.79E-04	1.84E-04	1.75E-04
5137	492363.09, 3864377.25	0.01186	2.95E-04	3.02E-04	2.88E-04
5138	492863.09, 3864377.25	0.00817	2.03E-04	2.08E-04	1.98E-04
5139	493363.09, 3864377.25	0.01102	2.74E-04	2.81E-04	2.68E-04
5140	493863.09, 3864377.25	0.01342	3.34E-04	3.42E-04	3.26E-04
5141	494363.09, 3864377.25	0.01453	3.62E-04	3.70E-04	3.53E-04
5142	494863.09, 3864377.25	0.0154	3.84E-04	3.93E-04	3.74E-04
5143	495363.09, 3864377.25	0.01545	3.85E-04	3.94E-04	3.75E-04
5144	495863.09, 3864377.25	0.01535	3.82E-04	3.91E-04	3.73E-04
5145	496363.09, 3864377.25	0.01467	3.65E-04	3.74E-04	3.56E-04
5146	496863.09, 3864377.25	0.01416	3.53E-04	3.61E-04	3.44E-04
5147	497363.09, 3864377.25	0.0139	3.46E-04	3.54E-04	3.38E-04
5148	497863.09, 3864377.25	0.01402	3.49E-04	3.57E-04	3.41E-04
5149	498363.09, 3864377.25	0.0141	3.51E-04	3.59E-04	3.42E-04
5150	471363.09, 3864877.25	0.00652	1.62E-04	1.66E-04	1.58E-04
5151	471863.09, 3864877.25	0.00668	1.66E-04	1.70E-04	1.62E-04
5152	472363.09, 3864877.25	0.00685	1.71E-04	1.75E-04	1.66E-04
5153	472863.09, 3864877.25	0.00701	1.75E-04	1.79E-04	1.70E-04
5154	473363.09, 3864877.25	0.00715	1.78E-04	1.82E-04	1.74E-04
5155	473863.09, 3864877.25	0.00728	1.81E-04	1.86E-04	1.77E-04
5156	474363.09, 3864877.25	0.00742	1.85E-04	1.89E-04	1.80E-04
5157	474863.09, 3864877.25	0.00754	1.88E-04	1.92E-04	1.83E-04
5158	475363.09, 3864877.25	0.00767	1.91E-04	1.96E-04	1.86E-04
5159	475863.09, 3864877.25	0.00779	1.94E-04	1.99E-04	1.89E-04
5160	476363.09, 3864877.25	0.00792	1.97E-04	2.02E-04	1.92E-04
5161	476863.09, 3864877.25	0.0081	2.02E-04	2.06E-04	1.97E-04
5162	477363.09, 3864877.25	0.00825	2.05E-04	2.10E-04	2.00E-04
5163	477863.09, 3864877.25	0.00841	2.09E-04	2.14E-04	2.04E-04
5164	478363.09, 3864877.25	0.00858	2.14E-04	2.19E-04	2.08E-04
5165	478863.09, 3864877.25	0.00874	2.18E-04	2.23E-04	2.12E-04
5166	479363.09, 3864877.25	0.00888	2.21E-04	2.26E-04	2.16E-04
5167	479863.09, 3864877.25	0.00897	2.23E-04	2.29E-04	2.18E-04
5168	480363.09, 3864877.25	0.00908	2.26E-04	2.31E-04	2.21E-04
5169	480863.09, 3864877.25	0.00918	2.29E-04	2.34E-04	2.23E-04
5170	481363.09, 3864877.25	0.00932	2.32E-04	2.38E-04	2.26E-04
5171	481863.09, 3864877.25	0.00943	2.35E-04	2.40E-04	2.29E-04
5172	482363.09, 3864877.25	0.00955	2.38E-04	2.43E-04	2.32E-04
5173	482863.09, 3864877.25	0.00966	2.41E-04	2.46E-04	2.35E-04
5174	483363.09, 3864877.25	0.0098	2.44E-04	2.50E-04	2.38E-04
5175	483863.09, 3864877.25	0.01002	2.50E-04	2.55E-04	2.43E-04
5176	484363.09, 3864877.25	0.01035	2.58E-04	2.64E-04	2.51E-04
5177	484863.09, 3864877.25	0.01073	2.67E-04	2.74E-04	2.61E-04
5178	485363.09, 3864877.25	0.01118	2.78E-04	2.85E-04	2.72E-04
5179	485863.09, 3864877.25	0.0116	2.89E-04	2.96E-04	2.82E-04
5180	486363.09, 3864877.25	0.01198	2.98E-04	3.05E-04	2.91E-04
5181	486863.09, 3864877.25	0.01231	3.07E-04	3.14E-04	2.99E-04
5182	487363.09, 3864877.25	0.01272	3.17E-04	3.24E-04	3.09E-04
5183	487863.09, 3864877.25	0.01313	3.27E-04	3.35E-04	3.19E-04
5184	488363.09, 3864877.25	0.01343	3.34E-04	3.42E-04	3.26E-04
5185	488863.09, 3864877.25	0.01367	3.40E-04	3.48E-04	3.32E-04
5186	489363.09, 3864877.25	0.0137	3.41E-04	3.49E-04	3.33E-04
5187	489863.09, 3864877.25	0.01358	3.38E-04	3.46E-04	3.30E-04
5188	490363.09, 3864877.25	0.0136	3.39E-04	3.47E-04	3.30E-04

5189	490863.09, 3864877.25	0.0129	3.21E-04	3.29E-04	3.13E-04
5190	491363.09, 3864877.25	0.01359	3.38E-04	3.46E-04	3.30E-04
5191	491863.09, 3864877.25	0.01224	3.05E-04	3.12E-04	2.97E-04
5192	492363.09, 3864877.25	0.0051	1.27E-04	1.30E-04	1.24E-04
5193	492863.09, 3864877.25	0.00619	1.54E-04	1.58E-04	1.50E-04
5194	493363.09, 3864877.25	0.00604	1.50E-04	1.54E-04	1.47E-04
5195	493863.09, 3864877.25	0.01056	2.63E-04	2.69E-04	2.56E-04
5196	494363.09, 3864877.25	0.01245	3.10E-04	3.17E-04	3.02E-04
5197	494863.09, 3864877.25	0.01293	3.22E-04	3.30E-04	3.14E-04
5198	495363.09, 3864877.25	0.01349	3.36E-04	3.44E-04	3.28E-04
5199	495863.09, 3864877.25	0.01355	3.37E-04	3.45E-04	3.29E-04
5200	496363.09, 3864877.25	0.01352	3.37E-04	3.45E-04	3.28E-04
5201	496863.09, 3864877.25	0.01297	3.23E-04	3.31E-04	3.15E-04
5202	497363.09, 3864877.25	0.01248	3.11E-04	3.18E-04	3.03E-04
5203	497863.09, 3864877.25	0.01228	3.06E-04	3.13E-04	2.98E-04
5204	498363.09, 3864877.25	0.01216	3.03E-04	3.10E-04	2.95E-04
5205	471363.09, 3865377.25	0.00634	1.58E-04	1.62E-04	1.54E-04
5206	471863.09, 3865377.25	0.00649	1.62E-04	1.65E-04	1.58E-04
5207	472363.09, 3865377.25	0.00663	1.65E-04	1.69E-04	1.61E-04
5208	472863.09, 3865377.25	0.00678	1.69E-04	1.73E-04	1.65E-04
5209	473363.09, 3865377.25	0.00689	1.72E-04	1.76E-04	1.67E-04
5210	473863.09, 3865377.25	0.00701	1.75E-04	1.79E-04	1.70E-04
5211	474363.09, 3865377.25	0.00713	1.78E-04	1.82E-04	1.73E-04
5212	474863.09, 3865377.25	0.00726	1.81E-04	1.85E-04	1.76E-04
5213	475363.09, 3865377.25	0.00737	1.84E-04	1.88E-04	1.79E-04
5214	475863.09, 3865377.25	0.00749	1.87E-04	1.91E-04	1.82E-04
5215	476363.09, 3865377.25	0.00768	1.91E-04	1.96E-04	1.87E-04
5216	476863.09, 3865377.25	0.00767	1.91E-04	1.96E-04	1.86E-04
5217	477363.09, 3865377.25	0.00792	1.97E-04	2.02E-04	1.92E-04
5218	477863.09, 3865377.25	0.008	1.99E-04	2.04E-04	1.94E-04
5219	478363.09, 3865377.25	0.00813	2.02E-04	2.07E-04	1.97E-04
5220	478863.09, 3865377.25	0.00823	2.05E-04	2.10E-04	2.00E-04
5221	479363.09, 3865377.25	0.00833	2.07E-04	2.12E-04	2.02E-04
5222	479863.09, 3865377.25	0.00843	2.10E-04	2.15E-04	2.05E-04
5223	480363.09, 3865377.25	0.00849	2.11E-04	2.16E-04	2.06E-04
5224	480863.09, 3865377.25	0.00857	2.13E-04	2.18E-04	2.08E-04
5225	481363.09, 3865377.25	0.00868	2.16E-04	2.21E-04	2.11E-04
5226	481863.09, 3865377.25	0.00875	2.18E-04	2.23E-04	2.13E-04
5227	482363.09, 3865377.25	0.00881	2.19E-04	2.25E-04	2.14E-04
5228	482863.09, 3865377.25	0.00888	2.21E-04	2.26E-04	2.16E-04
5229	483363.09, 3865377.25	0.00905	2.25E-04	2.31E-04	2.20E-04
5230	483863.09, 3865377.25	0.00931	2.32E-04	2.37E-04	2.26E-04
5231	484363.09, 3865377.25	0.00964	2.40E-04	2.46E-04	2.34E-04
5232	484863.09, 3865377.25	0.01002	2.50E-04	2.55E-04	2.43E-04
5233	485363.09, 3865377.25	0.01041	2.59E-04	2.65E-04	2.53E-04
5234	485863.09, 3865377.25	0.01074	2.67E-04	2.74E-04	2.61E-04
5235	486363.09, 3865377.25	0.01102	2.74E-04	2.81E-04	2.68E-04
5236	486863.09, 3865377.25	0.01129	2.81E-04	2.88E-04	2.74E-04
5237	487363.09, 3865377.25	0.01162	2.89E-04	2.96E-04	2.82E-04
5238	487863.09, 3865377.25	0.01187	2.96E-04	3.03E-04	2.88E-04
5239	488363.09, 3865377.25	0.01208	3.01E-04	3.08E-04	2.93E-04
5240	488863.09, 3865377.25	0.01224	3.05E-04	3.12E-04	2.97E-04
5241	489363.09, 3865377.25	0.01226	3.05E-04	3.13E-04	2.98E-04
5242	489863.09, 3865377.25	0.01226	3.05E-04	3.13E-04	2.98E-04
5243	490363.09, 3865377.25	0.01189	2.96E-04	3.03E-04	2.89E-04
5244	490863.09, 3865377.25	0.01134	2.82E-04	2.89E-04	2.75E-04
5245	491363.09, 3865377.25	0.01099	2.74E-04	2.80E-04	2.67E-04
5246	491863.09, 3865377.25	0.0109	2.71E-04	2.78E-04	2.65E-04
5247	492363.09, 3865377.25	0.00868	2.16E-04	2.21E-04	2.11E-04

5248	492863.09, 3865377.25	0.00675	1.68E-04	1.72E-04	1.64E-04
5249	493363.09, 3865377.25	0.00567	1.41E-04	1.45E-04	1.38E-04
5250	493863.09, 3865377.25	0.00766	1.91E-04	1.95E-04	1.86E-04
5251	494363.09, 3865377.25	0.01004	2.50E-04	2.56E-04	2.44E-04
5252	494863.09, 3865377.25	0.01105	2.75E-04	2.82E-04	2.68E-04
5253	495363.09, 3865377.25	0.01153	2.87E-04	2.94E-04	2.80E-04
5254	495863.09, 3865377.25	0.01205	3.00E-04	3.07E-04	2.93E-04
5255	496363.09, 3865377.25	0.01197	2.98E-04	3.05E-04	2.91E-04
5256	496863.09, 3865377.25	0.01193	2.97E-04	3.04E-04	2.90E-04
5257	497363.09, 3865377.25	0.01161	2.89E-04	2.96E-04	2.82E-04
5258	497863.09, 3865377.25	0.01116	2.78E-04	2.84E-04	2.71E-04
5259	498363.09, 3865377.25	0.01097	2.73E-04	2.80E-04	2.66E-04
5260	471363.09, 3865877.25	0.00615	1.53E-04	1.57E-04	1.49E-04
5261	471863.09, 3865877.25	0.00628	1.56E-04	1.60E-04	1.53E-04
5262	472363.09, 3865877.25	0.00642	1.60E-04	1.64E-04	1.56E-04
5263	472863.09, 3865877.25	0.00652	1.62E-04	1.66E-04	1.58E-04
5264	473363.09, 3865877.25	0.00662	1.65E-04	1.69E-04	1.61E-04
5265	473863.09, 3865877.25	0.00675	1.68E-04	1.72E-04	1.64E-04
5266	474363.09, 3865877.25	0.00687	1.71E-04	1.75E-04	1.67E-04
5267	474863.09, 3865877.25	0.007	1.74E-04	1.78E-04	1.70E-04
5268	475363.09, 3865877.25	0.0071	1.77E-04	1.81E-04	1.72E-04
5269	475863.09, 3865877.25	0.00722	1.80E-04	1.84E-04	1.75E-04
5270	476363.09, 3865877.25	0.00738	1.84E-04	1.88E-04	1.79E-04
5271	476863.09, 3865877.25	0.00729	1.82E-04	1.86E-04	1.77E-04
5272	477363.09, 3865877.25	0.00754	1.88E-04	1.92E-04	1.83E-04
5273	477863.09, 3865877.25	0.00759	1.89E-04	1.93E-04	1.84E-04
5274	478363.09, 3865877.25	0.00767	1.91E-04	1.96E-04	1.86E-04
5275	478863.09, 3865877.25	0.00776	1.93E-04	1.98E-04	1.88E-04
5276	479363.09, 3865877.25	0.00785	1.96E-04	2.00E-04	1.91E-04
5277	479863.09, 3865877.25	0.0079	1.97E-04	2.01E-04	1.92E-04
5278	480363.09, 3865877.25	0.00795	1.98E-04	2.03E-04	1.93E-04
5279	480863.09, 3865877.25	0.00802	2.00E-04	2.04E-04	1.95E-04
5280	481363.09, 3865877.25	0.00806	2.01E-04	2.05E-04	1.96E-04
5281	481863.09, 3865877.25	0.0081	2.02E-04	2.06E-04	1.97E-04
5282	482363.09, 3865877.25	0.00817	2.03E-04	2.08E-04	1.98E-04
5283	482863.09, 3865877.25	0.00829	2.06E-04	2.11E-04	2.01E-04
5284	483363.09, 3865877.25	0.00849	2.11E-04	2.16E-04	2.06E-04
5285	483863.09, 3865877.25	0.00875	2.18E-04	2.23E-04	2.13E-04
5286	484363.09, 3865877.25	0.00906	2.26E-04	2.31E-04	2.20E-04
5287	484863.09, 3865877.25	0.00937	2.33E-04	2.39E-04	2.28E-04
5288	485363.09, 3865877.25	0.00968	2.41E-04	2.47E-04	2.35E-04
5289	485863.09, 3865877.25	0.00996	2.48E-04	2.54E-04	2.42E-04
5290	486363.09, 3865877.25	0.01019	2.54E-04	2.60E-04	2.48E-04
5291	486863.09, 3865877.25	0.0104	2.59E-04	2.65E-04	2.53E-04
5292	487363.09, 3865877.25	0.01063	2.65E-04	2.71E-04	2.58E-04
5293	487863.09, 3865877.25	0.01082	2.69E-04	2.76E-04	2.63E-04
5294	488363.09, 3865877.25	0.01095	2.73E-04	2.79E-04	2.66E-04
5295	488863.09, 3865877.25	0.01106	2.75E-04	2.82E-04	2.69E-04
5296	489363.09, 3865877.25	0.0111	2.76E-04	2.83E-04	2.70E-04
5297	489863.09, 3865877.25	0.01112	2.77E-04	2.83E-04	2.70E-04
5298	490363.09, 3865877.25	0.01111	2.77E-04	2.83E-04	2.70E-04
5299	490863.09, 3865877.25	0.01052	2.62E-04	2.68E-04	2.56E-04
5300	491363.09, 3865877.25	0.00977	2.43E-04	2.49E-04	2.37E-04
5301	491863.09, 3865877.25	0.00948	2.36E-04	2.42E-04	2.30E-04
5302	492363.09, 3865877.25	0.00897	2.23E-04	2.29E-04	2.18E-04
5303	492863.09, 3865877.25	0.0068	1.69E-04	1.73E-04	1.65E-04
5304	493363.09, 3865877.25	0.00664	1.65E-04	1.69E-04	1.61E-04
5305	493863.09, 3865877.25	0.00757	1.89E-04	1.93E-04	1.84E-04
5306	494363.09, 3865877.25	0.00875	2.18E-04	2.23E-04	2.13E-04

5307	494863.09, 3865877.25	0.01023	2.55E-04	2.61E-04	2.48E-04
5308	495363.09, 3865877.25	0.01031	2.57E-04	2.63E-04	2.50E-04
5309	495863.09, 3865877.25	0.01039	2.59E-04	2.65E-04	2.52E-04
5310	496363.09, 3865877.25	0.01043	2.60E-04	2.66E-04	2.53E-04
5311	496863.09, 3865877.25	0.01031	2.57E-04	2.63E-04	2.50E-04
5312	497363.09, 3865877.25	0.01065	2.65E-04	2.71E-04	2.59E-04
5313	497863.09, 3865877.25	0.01037	2.58E-04	2.64E-04	2.52E-04
5314	498363.09, 3865877.25	0.00968	2.41E-04	2.47E-04	2.35E-04
5315	471363.09, 3866377.25	0.00595	1.48E-04	1.52E-04	1.45E-04
5316	471863.09, 3866377.25	0.00607	1.51E-04	1.55E-04	1.47E-04
5317	472363.09, 3866377.25	0.00619	1.54E-04	1.58E-04	1.50E-04
5318	472863.09, 3866377.25	0.00627	1.56E-04	1.60E-04	1.52E-04
5319	473363.09, 3866377.25	0.00639	1.59E-04	1.63E-04	1.55E-04
5320	473863.09, 3866377.25	0.00651	1.62E-04	1.66E-04	1.58E-04
5321	474363.09, 3866377.25	0.00663	1.65E-04	1.69E-04	1.61E-04
5322	474863.09, 3866377.25	0.00674	1.68E-04	1.72E-04	1.64E-04
5323	475363.09, 3866377.25	0.00682	1.70E-04	1.74E-04	1.66E-04
5324	475863.09, 3866377.25	0.00689	1.72E-04	1.76E-04	1.67E-04
5325	476363.09, 3866377.25	0.00703	1.75E-04	1.79E-04	1.71E-04
5326	476863.09, 3866377.25	0.00683	1.70E-04	1.74E-04	1.66E-04
5327	477363.09, 3866377.25	0.0071	1.77E-04	1.81E-04	1.72E-04
5328	477863.09, 3866377.25	0.0072	1.79E-04	1.84E-04	1.75E-04
5329	478363.09, 3866377.25	0.00725	1.81E-04	1.85E-04	1.76E-04
5330	478863.09, 3866377.25	0.00733	1.83E-04	1.87E-04	1.78E-04
5331	479363.09, 3866377.25	0.0074	1.84E-04	1.89E-04	1.80E-04
5332	479863.09, 3866377.25	0.00745	1.86E-04	1.90E-04	1.81E-04
5333	480363.09, 3866377.25	0.00749	1.87E-04	1.91E-04	1.82E-04
5334	480863.09, 3866377.25	0.00751	1.87E-04	1.91E-04	1.82E-04
5335	481363.09, 3866377.25	0.00755	1.88E-04	1.92E-04	1.83E-04
5336	481863.09, 3866377.25	0.00759	1.89E-04	1.93E-04	1.84E-04
5337	482363.09, 3866377.25	0.00769	1.92E-04	1.96E-04	1.87E-04
5338	482863.09, 3866377.25	0.00785	1.96E-04	2.00E-04	1.91E-04
5339	483363.09, 3866377.25	0.00802	2.00E-04	2.04E-04	1.95E-04
5340	483863.09, 3866377.25	0.00824	2.05E-04	2.10E-04	2.00E-04
5341	484363.09, 3866377.25	0.00849	2.11E-04	2.16E-04	2.06E-04
5342	484863.09, 3866377.25	0.00879	2.19E-04	2.24E-04	2.14E-04
5343	485363.09, 3866377.25	0.00904	2.25E-04	2.30E-04	2.20E-04
5344	485863.09, 3866377.25	0.00926	2.31E-04	2.36E-04	2.25E-04
5345	486363.09, 3866377.25	0.00945	2.35E-04	2.41E-04	2.30E-04
5346	486863.09, 3866377.25	0.00963	2.40E-04	2.45E-04	2.34E-04
5347	487363.09, 3866377.25	0.00992	2.47E-04	2.53E-04	2.41E-04
5348	487863.09, 3866377.25	0.01008	2.51E-04	2.57E-04	2.45E-04
5349	488363.09, 3866377.25	0.01017	2.53E-04	2.59E-04	2.47E-04
5350	488863.09, 3866377.25	0.01008	2.51E-04	2.57E-04	2.45E-04
5351	489363.09, 3866377.25	0.00989	2.46E-04	2.52E-04	2.40E-04
5352	489863.09, 3866377.25	0.00949	2.36E-04	2.42E-04	2.31E-04
5353	490363.09, 3866377.25	0.01007	2.51E-04	2.57E-04	2.45E-04
5354	490863.09, 3866377.25	0.00997	2.48E-04	2.54E-04	2.42E-04
5355	491363.09, 3866377.25	0.00977	2.43E-04	2.49E-04	2.37E-04
5356	491863.09, 3866377.25	0.00823	2.05E-04	2.10E-04	2.00E-04
5357	492363.09, 3866377.25	0.00836	2.08E-04	2.13E-04	2.03E-04
5358	492863.09, 3866377.25	0.00738	1.84E-04	1.88E-04	1.79E-04
5359	493363.09, 3866377.25	0.00771	1.92E-04	1.97E-04	1.87E-04
5360	493863.09, 3866377.25	0.00819	2.04E-04	2.09E-04	1.99E-04
5361	494363.09, 3866377.25	0.0089	2.22E-04	2.27E-04	2.16E-04
5362	494863.09, 3866377.25	0.00885	2.20E-04	2.26E-04	2.15E-04
5363	495363.09, 3866377.25	0.00878	2.19E-04	2.24E-04	2.13E-04
5364	495863.09, 3866377.25	0.00868	2.16E-04	2.21E-04	2.11E-04
5365	496363.09, 3866377.25	0.00883	2.20E-04	2.25E-04	2.14E-04

5366	496863.09, 3866377.25	0.00872	2.17E-04	2.22E-04	2.12E-04
5367	497363.09, 3866377.25	0.00892	2.22E-04	2.27E-04	2.17E-04
5368	497863.09, 3866377.25	0.00929	2.31E-04	2.37E-04	2.26E-04
5369	498363.09, 3866377.25	0.00811	2.02E-04	2.07E-04	1.97E-04
5370	474494.92, 3848334.16	3.03162	7.55E-02	7.73E-02	7.36E-02
5371	475167.27, 3848920.79	3.36147	8.37E-02	8.57E-02	8.16E-02
5372	475297.89, 3848997.96	3.44912	8.59E-02	8.79E-02	8.38E-02
5373	475439.05, 3849062	3.43186	8.55E-02	8.75E-02	8.34E-02
5374	475486.86, 3849061.09	2.68247	6.68E-02	6.84E-02	6.52E-02
5375	475538.46, 3849075.56	2.65233	6.61E-02	6.76E-02	6.44E-02
5376	475751.79, 3849137.15	3.55027	8.84E-02	9.05E-02	8.62E-02
5377	476303.62, 3849223.38	4.05125	1.01E-01	1.03E-01	9.84E-02
5378	476304.51, 3849238.92	3.86398	9.62E-02	9.85E-02	9.39E-02
5379	476365.04, 3849247.98	3.78093	9.42E-02	9.64E-02	9.18E-02
5380	476444.86, 3849267.13	3.88839	9.68E-02	9.91E-02	9.44E-02
5381	476550.75, 3849300.66	4.15397	1.03E-01	1.06E-01	1.01E-01
5382	476656.71, 3849346.88	4.25234	1.06E-01	1.08E-01	1.03E-01
5383	476873.55, 3849454.53	3.88465	9.67E-02	9.90E-02	9.44E-02
5384	477700, 3849859.7	2.74322	6.83E-02	6.99E-02	6.66E-02
5385	477743.16, 3849856.38	3.84794	9.58E-02	9.81E-02	9.35E-02
5386	478477.35, 3850216.33	3.57311	8.90E-02	9.11E-02	8.68E-02
5387	478485.8, 3850201.6	3.3177	8.26E-02	8.46E-02	8.06E-02
5388	479113.21, 3850501.53	3.08636	7.69E-02	7.87E-02	7.50E-02
5389	479108.11, 3850382.28	1.51283	3.77E-02	3.86E-02	3.67E-02
5390	479689.85, 3850674.28	1.60546	4.00E-02	4.09E-02	3.90E-02
5391	479952.42, 3850774.28	1.43348	3.57E-02	3.65E-02	3.48E-02
5392	479911.32, 3850884.85	3.12193	7.78E-02	7.96E-02	7.58E-02
5393	480500.92, 3851178.12	3.34846	8.34E-02	8.54E-02	8.13E-02
5394	480738.01, 3851289.27	3.20915	7.99E-02	8.18E-02	7.79E-02
5395	481055.42, 3851443.58	3.20804	7.99E-02	8.18E-02	7.79E-02
5396	481110.22, 3851443.15	2.48406	6.19E-02	6.33E-02	6.03E-02
5397	481111.1, 3851417.45	2.09507	5.22E-02	5.34E-02	5.09E-02
5398	482248.44, 3852605.09	3.06273	7.63E-02	7.81E-02	7.44E-02
5399	482273.34, 3852632.31	3.16487	7.88E-02	8.07E-02	7.69E-02
5400	482665.46, 3853038.72	2.61859	6.52E-02	6.68E-02	6.36E-02
5401	483077.95, 3853844.31	0.12856	3.20E-03	3.28E-03	3.12E-03
5402	483121.38, 3853909.38	0.11448	2.85E-03	2.92E-03	2.78E-03
5403	483492.64, 3853911.49	0.11309	2.82E-03	2.88E-03	2.75E-03
5404	483498.29, 3854204.73	0.07963	1.98E-03	2.03E-03	1.93E-03
5405	484132.44, 3854662.55	0.04699	1.17E-03	1.20E-03	1.14E-03
5406	484627.62, 3854876.13	0.04527	1.13E-03	1.15E-03	1.10E-03
5407	484756.14, 3854949.04	0.04474	1.11E-03	1.14E-03	1.09E-03
5408	486697.51, 3856599.17	0.03017	7.51E-04	7.69E-04	7.33E-04
5409	487105.31, 3856962.27	0.03089	7.69E-04	7.87E-04	7.50E-04
5410	487157.57, 3856901.7	0.03095	7.71E-04	7.89E-04	7.52E-04
5411	487173.5, 3856853.74	0.03084	7.68E-04	7.86E-04	7.49E-04
5412	487564.41, 3856860.83	0.03064	7.63E-04	7.81E-04	7.44E-04
5413	487563.31, 3856931.58	0.0309	7.70E-04	7.88E-04	7.51E-04
5414	487782.7, 3856926.85	0.03115	7.76E-04	7.94E-04	7.57E-04
5415	487782.39, 3856757.07	0.03076	7.66E-04	7.84E-04	7.47E-04
5416	487917.26, 3856752.41	0.0309	7.70E-04	7.88E-04	7.51E-04
5417	487919.57, 3856953.35	0.03154	7.85E-04	8.04E-04	7.66E-04
5418	487932.76, 3857000.32	0.03164	7.88E-04	8.07E-04	7.69E-04
5419	487960.5, 3857044.75	0.03181	7.92E-04	8.11E-04	7.73E-04
5420	488016.54, 3857089.54	0.03205	7.98E-04	8.17E-04	7.78E-04
5421	488114.39, 3857165.47	0.03258	8.11E-04	8.31E-04	7.91E-04
5422	488171.49, 3857234.24	0.03318	8.26E-04	8.46E-04	8.06E-04
5423	488193.16, 3857297.8	0.03385	8.43E-04	8.63E-04	8.22E-04
5424	488189.27, 3857649.94	0.03863	9.62E-04	9.85E-04	9.38E-04

5425	488127.43, 3857732.32	0.03981	9.91E-04	1.01E-03	9.67E-04
5426	488149.93, 3857752.94	0.04022	1.00E-03	1.03E-03	9.77E-04
5427	488144.76, 3857758.71	0.04029	1.00E-03	1.03E-03	9.79E-04
5428	488335.58, 3857932.55	0.04622	1.15E-03	1.18E-03	1.12E-03
5429	488372.29, 3857943.79	0.04686	1.17E-03	1.19E-03	1.14E-03
5430	488828.64, 3857936.4	0.04834	1.20E-03	1.23E-03	1.17E-03
5431	488829.08, 3857959.58	0.04908	1.22E-03	1.25E-03	1.19E-03
5432	488351.61, 3857964.55	0.04742	1.18E-03	1.21E-03	1.15E-03
5433	488316.87, 3857947.65	0.04654	1.16E-03	1.19E-03	1.13E-03
5434	488129.1, 3857775.77	0.04053	1.01E-03	1.03E-03	9.84E-04
5435	488062.53, 3857846.13	0.0417	1.04E-03	1.06E-03	1.01E-03
5436	488330.41, 3858091.34	0.05131	1.28E-03	1.31E-03	1.25E-03
5437	488470.87, 3858174.45	0.05745	1.43E-03	1.46E-03	1.40E-03
5438	488568.9, 3858262.31	0.06424	1.60E-03	1.64E-03	1.56E-03
5439	488964.27, 3858025.71	0.05167	1.29E-03	1.32E-03	1.26E-03
5440	489147.25, 3857956.64	0.0479	1.19E-03	1.22E-03	1.16E-03
5441	489343.52, 3857932.45	0.04433	1.10E-03	1.13E-03	1.08E-03
5442	489866.19, 3857923.19	0.04055	1.01E-03	1.03E-03	9.85E-04
5443	489955.65, 3857902.27	0.03933	9.79E-04	1.00E-03	9.55E-04
5444	490079.44, 3857847.9	0.03836	9.55E-04	9.78E-04	9.32E-04
5445	490108.49, 3857934.13	0.04041	1.01E-03	1.03E-03	9.82E-04
5446	489884.48, 3858014.17	0.04359	1.09E-03	1.11E-03	1.06E-03
5447	489326.56, 3858025.86	0.04826	1.20E-03	1.23E-03	1.17E-03
5448	489130.38, 3858056.71	0.05142	1.28E-03	1.31E-03	1.25E-03
5449	488936.49, 3858143.93	0.0572	1.42E-03	1.46E-03	1.39E-03
5450	488638.08, 3858327.45	0.06982	1.74E-03	1.78E-03	1.70E-03
5451	488663.79, 3858349.57	0.07201	1.79E-03	1.84E-03	1.75E-03
5452	488694.56, 3858349.5	0.07219	1.80E-03	1.84E-03	1.75E-03
5453	488694.35, 3858336.75	0.07096	1.77E-03	1.81E-03	1.72E-03
5454	488712.81, 3858336.38	0.07105	1.77E-03	1.81E-03	1.73E-03
5455	488713.23, 3858367.46	0.07415	1.85E-03	1.89E-03	1.80E-03
5456	488704.63, 3858384.05	0.07586	1.89E-03	1.93E-03	1.84E-03
5457	488604.15, 3858488.29	0.08784	2.19E-03	2.24E-03	2.13E-03
5458	488605.66, 3858550.47	0.09747	2.43E-03	2.48E-03	2.37E-03
5459	488692.68, 3858548.71	0.10071	2.51E-03	2.57E-03	2.45E-03
5460	488759.93, 3858461.81	0.08644	2.15E-03	2.20E-03	2.10E-03
5461	488816.57, 3858541.79	0.1018	2.54E-03	2.60E-03	2.47E-03
5462	488944.63, 3858656.77	0.13793	3.44E-03	3.52E-03	3.35E-03
5463	489134.91, 3858830.7	0.43964	1.09E-02	1.12E-02	1.07E-02
5464	489193.99, 3858886.05	0.69449	1.73E-02	1.77E-02	1.69E-02
5465	489295.2, 3858954.34	0.92255	2.30E-02	2.35E-02	2.24E-02
5466	489295.64, 3858992.74	1.16994	2.91E-02	2.98E-02	2.84E-02
5467	489183.74, 3858911.72	0.88105	2.19E-02	2.25E-02	2.14E-02
5468	488873.37, 3858625.59	0.1258	3.13E-03	3.21E-03	3.06E-03
5469	488842.84, 3858658.69	0.13849	3.45E-03	3.53E-03	3.36E-03
5470	488856.39, 3858670.93	0.14448	3.60E-03	3.68E-03	3.51E-03
5471	488805.7, 3858724.5	0.17448	4.35E-03	4.45E-03	4.24E-03
5472	488805.87, 3858804.16	0.27032	6.73E-03	6.89E-03	6.57E-03
5473	488995.78, 3858936.96	2.48079	6.18E-02	6.32E-02	6.03E-02
5474	489130.76, 3859017.38	2.78393	6.93E-02	7.10E-02	6.76E-02
5475	489130.92, 3859052.24	2.4599	6.13E-02	6.27E-02	5.97E-02
5476	489200.33, 3859090.6	3.13071	7.80E-02	7.98E-02	7.60E-02
5477	489296.07, 3859143.7	3.37285	8.40E-02	8.60E-02	8.19E-02
5478	489296.43, 3858954.74	0.92228	2.30E-02	2.35E-02	2.24E-02
5479	489410.33, 3859033.19	1.09406	2.72E-02	2.79E-02	2.66E-02
5480	489371.37, 3859089.8	1.68416	4.19E-02	4.29E-02	4.09E-02
5481	489390.52, 3859102.82	1.7185	4.28E-02	4.38E-02	4.17E-02
5482	489382.3, 3859114.53	1.917	4.77E-02	4.89E-02	4.66E-02
5483	489363.04, 3859102.45	1.88905	4.70E-02	4.82E-02	4.59E-02

5484	489337.52, 3859140.71	2.91013	7.25E-02	7.42E-02	7.07E-02
5485	489375.14, 3859164.55	3.07274	7.65E-02	7.83E-02	7.46E-02
5486	489409.3, 3859114.5	1.74303	4.34E-02	4.44E-02	4.23E-02
5487	489434.87, 3859131.81	1.79722	4.48E-02	4.58E-02	4.37E-02
5488	489471.87, 3859075.75	1.17188	2.92E-02	2.99E-02	2.85E-02
5489	489602.62, 3859164.69	1.34196	3.34E-02	3.42E-02	3.26E-02
5490	489558.29, 3859232.45	2.38352	5.94E-02	6.08E-02	5.79E-02
5491	489620.11, 3859273.56	2.56301	6.38E-02	6.53E-02	6.23E-02
5492	489666.06, 3859206.42	1.41795	3.53E-02	3.61E-02	3.44E-02
5493	489787.9, 3859285.65	1.55362	3.87E-02	3.96E-02	3.77E-02
5494	489752.17, 3859343.13	2.55557	6.36E-02	6.51E-02	6.21E-02
5495	489814.94, 3859385.33	2.75645	6.86E-02	7.03E-02	6.70E-02
5496	489853.42, 3859330.74	1.64976	4.11E-02	4.21E-02	4.01E-02
5497	489969.5, 3859401.91	1.75034	4.36E-02	4.46E-02	4.25E-02
5498	490166.91, 3859486.96	1.6252	4.05E-02	4.14E-02	3.95E-02
5499	490128.86, 3859571.46	3.77569	9.40E-02	9.63E-02	9.17E-02
5500	490186.65, 3859593.65	3.83973	9.56E-02	9.79E-02	9.33E-02
5501	490223.74, 3859517.48	1.6826	4.19E-02	4.29E-02	4.09E-02
5502	490846.34, 3859817.22	2.49196	6.21E-02	6.35E-02	6.05E-02
5503	490925.65, 3859844.59	2.31012	5.75E-02	5.89E-02	5.61E-02
5504	491159.29, 3859896.28	1.678	4.18E-02	4.28E-02	4.08E-02
5505	491370.69, 3859960.89	1.25795	3.13E-02	3.21E-02	3.06E-02
5506	491330.28, 3860063.17	1.98585	4.95E-02	5.06E-02	4.82E-02
5507	491636.45, 3860180.75	1.26186	3.14E-02	3.22E-02	3.06E-02
5508	491617.94, 3860203.93	1.42517	3.55E-02	3.63E-02	3.46E-02
5509	491805.68, 3860271.59	1.11085	2.77E-02	2.83E-02	2.70E-02
5510	491654.23, 3860414.02	1.93323	4.81E-02	4.93E-02	4.70E-02
5511	491592.62, 3860510.76	0.65984	1.64E-02	1.68E-02	1.60E-02
5512	491475.41, 3860368.93	1.01554	2.53E-02	2.59E-02	2.47E-02
5513	491445.61, 3860337.28	1.1126	2.77E-02	2.84E-02	2.70E-02
5514	491399.05, 3860300.37	1.16676	2.91E-02	2.97E-02	2.83E-02
5515	491228.84, 3860235.98	0.78868	1.96E-02	2.01E-02	1.92E-02
5516	491228.47, 3860174.57	1.24363	3.10E-02	3.17E-02	3.02E-02
5517	491145.77, 3860112.55	1.27821	3.18E-02	3.26E-02	3.10E-02
5518	490844.41, 3859966.22	1.21866	3.04E-02	3.11E-02	2.96E-02
5519	490845.55, 3859928.15	1.93807	4.83E-02	4.94E-02	4.71E-02
5520	490046.91, 3859625.6	1.49387	3.72E-02	3.81E-02	3.63E-02
5521	489970.48, 3859589.4	1.49397	3.72E-02	3.81E-02	3.63E-02
5522	489865.89, 3859529.06	1.58832	3.96E-02	4.05E-02	3.86E-02
5523	489826.89, 3859531.74	1.224	3.05E-02	3.12E-02	2.97E-02
5524	489410.47, 3859303.06	1.17898	2.94E-02	3.01E-02	2.86E-02
5525	489407.15, 3859286.09	1.38886	3.46E-02	3.54E-02	3.37E-02
5526	488806.07, 3858963.62	0.55568	1.38E-02	1.42E-02	1.35E-02
5527	488817.64, 3859546.3	0.16855	4.20E-03	4.30E-03	4.09E-03
5528	489187.25, 3859549.52	0.26344	6.56E-03	6.72E-03	6.40E-03
5529	489187.66, 3859523.74	0.27769	6.92E-03	7.08E-03	6.74E-03
5530	489232.59, 3859522.85	0.29849	7.43E-03	7.61E-03	7.25E-03
5531	489224.98, 3859759.91	0.19339	4.82E-03	4.93E-03	4.70E-03
5532	488401.39, 3859763.34	0.09289	2.31E-03	2.37E-03	2.26E-03
5533	488405.51, 3859966.16	0.08271	2.06E-03	2.11E-03	2.01E-03
5534	489202.85, 3859956.57	0.14841	3.70E-03	3.78E-03	3.60E-03
5535	489191.9, 3860676.74	0.0763	1.90E-03	1.95E-03	1.85E-03
5536	488392.82, 3860687.88	0.05629	1.40E-03	1.43E-03	1.37E-03
5537	488392.82, 3860760.27	0.05468	1.36E-03	1.39E-03	1.33E-03
5538	487549.05, 3860777.45	0.03937	9.80E-04	1.00E-03	9.56E-04
5539	487554.62, 3859571.83	0.05587	1.39E-03	1.42E-03	1.36E-03
5540	485949.46, 3859558.54	0.02927	7.29E-04	7.46E-04	7.11E-04
5541	485947.55, 3857943.61	0.02957	7.36E-04	7.54E-04	7.18E-04
5542	484738.38, 3857940.21	0.02631	6.55E-04	6.71E-04	6.39E-04

5543	484737.06, 3857535.68	0.02618	6.52E-04	6.67E-04	6.36E-04
5544	483730.2, 3857530.13	0.02524	6.29E-04	6.43E-04	6.13E-04
5545	483727.27, 3857130.01	0.02601	6.48E-04	6.63E-04	6.32E-04
5546	483124.42, 3857123.45	0.02549	6.35E-04	6.50E-04	6.19E-04
5547	483111.13, 3855921.03	0.03334	8.30E-04	8.50E-04	8.10E-04
5548	482701.73, 3855918.24	0.03305	8.23E-04	8.43E-04	8.03E-04
5549	482668.02, 3853521.78	0.33284	8.29E-03	8.48E-03	8.08E-03
5550	482579.91, 3853219.19	0.66694	1.66E-02	1.70E-02	1.62E-02
5551	482434.06, 3852961.94	0.9139	2.28E-02	2.33E-02	2.22E-02
5552	482332.11, 3852832.85	1.05547	2.63E-02	2.69E-02	2.56E-02
5553	481334.99, 3851818.96	1.0575	2.63E-02	2.70E-02	2.57E-02
5554	481127.62, 3851646.36	1.11443	2.78E-02	2.84E-02	2.71E-02
5555	481025.04, 3851591.73	1.04174	2.59E-02	2.66E-02	2.53E-02
5556	480513.6, 3851335.76	1.04373	2.60E-02	2.66E-02	2.54E-02
5557	480523.56, 3851317.66	1.22609	3.05E-02	3.13E-02	2.98E-02
5558	476921.56, 3849569.11	1.29756	3.23E-02	3.31E-02	3.15E-02
5559	476521.19, 3849373.96	1.72807	4.30E-02	4.41E-02	4.20E-02
5560	476391.45, 3849333.38	1.77023	4.41E-02	4.51E-02	4.30E-02
5561	476219.41, 3849304.29	1.69056	4.21E-02	4.31E-02	4.11E-02
5562	475679.11, 3849218.47	1.48862	3.71E-02	3.79E-02	3.62E-02
5563	475677.71, 3849233.88	1.22819	3.06E-02	3.13E-02	2.98E-02
5564	475492.74, 3849204.66	0.78153	1.95E-02	1.99E-02	1.90E-02
5565	475497.64, 3849158.75	1.90732	4.75E-02	4.86E-02	4.63E-02
5566	475391.35, 3849141.94	1.30262	3.24E-02	3.32E-02	3.16E-02
5567	475277, 3849095.47	1.12273	2.80E-02	2.86E-02	2.73E-02
5568	475183.93, 3849025.66	1.29314	3.22E-02	3.30E-02	3.14E-02
5569	474453.23, 3848378.77	1.47362	3.67E-02	3.76E-02	3.58E-02
5570	474569.63, 3848399.34	2.8156	7.01E-02	7.18E-02	6.84E-02
5571	474644.33, 3848464.52	2.6013	6.48E-02	6.63E-02	6.32E-02
5572	474719.04, 3848529.7	3.38839	8.44E-02	8.64E-02	8.23E-02
5573	474793.74, 3848594.88	2.89637	7.21E-02	7.38E-02	7.04E-02
5574	474868.45, 3848660.07	3.35253	8.35E-02	8.55E-02	8.14E-02
5575	474943.15, 3848725.25	3.34227	8.32E-02	8.52E-02	8.12E-02
5576	475017.86, 3848790.43	3.3682	8.39E-02	8.59E-02	8.18E-02
5577	475092.56, 3848855.61	3.36711	8.39E-02	8.58E-02	8.18E-02
5578	475232.58, 3848959.38	3.24463	8.08E-02	8.27E-02	7.88E-02
5579	475368.47, 3849029.98	3.31804	8.26E-02	8.46E-02	8.06E-02
5580	475609.57, 3849096.09	2.79471	6.96E-02	7.12E-02	6.79E-02
5581	475680.68, 3849116.62	3.09401	7.71E-02	7.89E-02	7.52E-02
5582	475843.76, 3849151.52	3.70198	9.22E-02	9.44E-02	8.99E-02
5583	475935.73, 3849165.89	3.54769	8.84E-02	9.04E-02	8.62E-02
5584	476027.71, 3849180.27	3.59591	8.96E-02	9.17E-02	8.73E-02
5585	476119.68, 3849194.64	4.05406	1.01E-01	1.03E-01	9.85E-02
5586	476211.65, 3849209.01	4.21855	1.05E-01	1.08E-01	1.02E-01
5587	476497.81, 3849283.9	3.9298	9.79E-02	1.00E-01	9.55E-02
5588	476603.73, 3849323.77	4.19453	1.04E-01	1.07E-01	1.02E-01
5589	476728.99, 3849382.76	3.26783	8.14E-02	8.33E-02	7.94E-02
5590	476801.27, 3849418.65	3.43165	8.55E-02	8.75E-02	8.34E-02
5591	476956.2, 3849495.05	3.72729	9.28E-02	9.50E-02	9.05E-02
5592	477038.84, 3849535.56	3.49886	8.71E-02	8.92E-02	8.50E-02
5593	477121.49, 3849576.08	3.43318	8.55E-02	8.75E-02	8.34E-02
5594	477204.13, 3849616.6	3.34142	8.32E-02	8.52E-02	8.12E-02
5595	477286.78, 3849657.12	3.12064	7.77E-02	7.96E-02	7.58E-02
5596	477369.42, 3849697.63	3.03281	7.55E-02	7.73E-02	7.37E-02
5597	477452.07, 3849738.15	3.08789	7.69E-02	7.87E-02	7.50E-02
5598	477534.71, 3849778.67	2.95667	7.36E-02	7.54E-02	7.18E-02
5599	477617.36, 3849819.18	2.94108	7.32E-02	7.50E-02	7.14E-02
5600	477824.74, 3849896.37	3.70228	9.22E-02	9.44E-02	8.99E-02
5601	477906.31, 3849936.37	3.96435	9.87E-02	1.01E-01	9.63E-02

5602	477987.89, 3849976.36	3.85189	9.59E-02	9.82E-02	9.36E-02
5603	478069.47, 3850016.36	4.00601	9.98E-02	1.02E-01	9.73E-02
5604	478151.04, 3850056.35	3.58095	8.92E-02	9.13E-02	8.70E-02
5605	478232.62, 3850096.35	3.59836	8.96E-02	9.17E-02	8.74E-02
5606	478314.2, 3850136.34	3.58823	8.94E-02	9.15E-02	8.72E-02
5607	478395.77, 3850176.34	3.56486	8.88E-02	9.09E-02	8.66E-02
5608	478575.43, 3850244.45	3.26792	8.14E-02	8.33E-02	7.94E-02
5609	478665.06, 3850287.29	3.24599	8.08E-02	8.27E-02	7.88E-02
5610	478754.69, 3850330.14	3.21427	8.00E-02	8.19E-02	7.81E-02
5611	478844.32, 3850372.99	3.14056	7.82E-02	8.01E-02	7.63E-02
5612	478933.95, 3850415.84	3.03616	7.56E-02	7.74E-02	7.37E-02
5613	479023.58, 3850458.68	3.14645	7.84E-02	8.02E-02	7.64E-02
5614	479110.66, 3850441.91	1.99168	4.96E-02	5.08E-02	4.84E-02
5615	479191.22, 3850423.99	1.51718	3.78E-02	3.87E-02	3.69E-02
5616	479274.32, 3850465.71	1.54177	3.84E-02	3.93E-02	3.74E-02
5617	479357.43, 3850507.42	1.57395	3.92E-02	4.01E-02	3.82E-02
5618	479440.53, 3850549.14	1.58192	3.94E-02	4.03E-02	3.84E-02
5619	479523.64, 3850590.85	1.58587	3.95E-02	4.04E-02	3.85E-02
5620	479606.74, 3850632.57	1.59786	3.98E-02	4.07E-02	3.88E-02
5621	479777.37, 3850707.61	1.53842	3.83E-02	3.92E-02	3.74E-02
5622	479864.9, 3850740.95	1.48558	3.70E-02	3.79E-02	3.61E-02
5623	479931.87, 3850829.57	1.94052	4.83E-02	4.95E-02	4.71E-02
5624	479995.55, 3850926.75	3.09817	7.72E-02	7.90E-02	7.53E-02
5625	480079.78, 3850968.64	3.09235	7.70E-02	7.88E-02	7.51E-02
5626	480164.01, 3851010.54	3.07912	7.67E-02	7.85E-02	7.48E-02
5627	480248.23, 3851052.43	3.0465	7.59E-02	7.77E-02	7.40E-02
5628	480332.46, 3851094.33	3.08321	7.68E-02	7.86E-02	7.49E-02
5629	480416.69, 3851136.22	3.24205	8.07E-02	8.26E-02	7.87E-02
5630	480579.95, 3851215.17	3.3106	8.24E-02	8.44E-02	8.04E-02
5631	480658.98, 3851252.22	3.27737	8.16E-02	8.35E-02	7.96E-02
5632	480817.36, 3851327.85	3.23817	8.06E-02	8.25E-02	7.87E-02
5633	480896.72, 3851366.43	3.25531	8.11E-02	8.30E-02	7.91E-02
5634	480976.07, 3851405	3.24901	8.09E-02	8.28E-02	7.89E-02
5635	481178, 3851487.31	2.44209	6.08E-02	6.23E-02	5.93E-02
5636	481244.9, 3851557.17	2.7024	6.73E-02	6.89E-02	6.56E-02
5637	481311.81, 3851627.03	2.99418	7.46E-02	7.63E-02	7.27E-02
5638	481378.71, 3851696.89	3.05157	7.60E-02	7.78E-02	7.41E-02
5639	481445.61, 3851766.76	3.19102	7.95E-02	8.13E-02	7.75E-02
5640	481512.51, 3851836.62	3.20691	7.99E-02	8.18E-02	7.79E-02
5641	481579.42, 3851906.48	3.17256	7.90E-02	8.09E-02	7.71E-02
5642	481646.32, 3851976.34	3.17095	7.90E-02	8.08E-02	7.70E-02
5643	481713.22, 3852046.2	3.14733	7.84E-02	8.02E-02	7.64E-02
5644	481780.12, 3852116.06	3.15832	7.87E-02	8.05E-02	7.67E-02
5645	481847.03, 3852185.92	3.16074	7.87E-02	8.06E-02	7.68E-02
5646	481913.93, 3852255.78	3.14067	7.82E-02	8.01E-02	7.63E-02
5647	481980.83, 3852325.65	2.97943	7.42E-02	7.60E-02	7.24E-02
5648	482047.73, 3852395.51	3.0365	7.56E-02	7.74E-02	7.38E-02
5649	482114.64, 3852465.37	2.92192	7.28E-02	7.45E-02	7.10E-02
5650	482181.54, 3852535.23	3.02707	7.54E-02	7.72E-02	7.35E-02
5651	482338.69, 3852700.05	3.07879	7.67E-02	7.85E-02	7.48E-02
5652	482404.05, 3852767.78	3.05966	7.62E-02	7.80E-02	7.43E-02
5653	482469.4, 3852835.52	3.09467	7.71E-02	7.89E-02	7.52E-02
5654	482534.75, 3852903.25	3.07121	7.65E-02	7.83E-02	7.46E-02
5655	482600.11, 3852970.99	2.85418	7.11E-02	7.28E-02	6.93E-02
5656	482706.71, 3853119.28	2.66569	6.64E-02	6.80E-02	6.47E-02
5657	482747.96, 3853199.84	2.69871	6.72E-02	6.88E-02	6.55E-02
5658	482789.21, 3853280.4	2.49666	6.22E-02	6.36E-02	6.06E-02
5659	482830.46, 3853360.96	2.25117	5.61E-02	5.74E-02	5.47E-02
5660	482871.71, 3853441.52	1.87931	4.68E-02	4.79E-02	4.56E-02

5661	482912.95, 3853522.07	0.52214	1.30E-02	1.33E-02	1.27E-02
5662	482954.2, 3853602.63	0.26903	6.70E-03	6.86E-03	6.53E-03
5663	482995.45, 3853683.19	0.19364	4.82E-03	4.94E-03	4.70E-03
5664	483036.7, 3853763.75	0.15478	3.85E-03	3.95E-03	3.76E-03
5665	483214.2, 3853909.91	0.11222	2.79E-03	2.86E-03	2.73E-03
5666	483307.01, 3853910.44	0.11373	2.83E-03	2.90E-03	2.76E-03
5667	483399.83, 3853910.96	0.1133	2.82E-03	2.89E-03	2.75E-03
5668	483494.52, 3854009.24	0.09959	2.48E-03	2.54E-03	2.42E-03
5669	483496.41, 3854106.98	0.08915	2.22E-03	2.27E-03	2.17E-03
5670	483577.56, 3854261.96	0.07421	1.85E-03	1.89E-03	1.80E-03
5671	483656.83, 3854319.19	0.06912	1.72E-03	1.76E-03	1.68E-03
5672	483736.1, 3854376.41	0.06437	1.60E-03	1.64E-03	1.56E-03
5673	483815.37, 3854433.64	0.06006	1.50E-03	1.53E-03	1.46E-03
5674	483894.63, 3854490.87	0.05592	1.39E-03	1.43E-03	1.36E-03
5675	483973.9, 3854548.1	0.05224	1.30E-03	1.33E-03	1.27E-03
5676	484053.17, 3854605.32	0.04958	1.23E-03	1.26E-03	1.20E-03
5677	484214.97, 3854698.15	0.04658	1.16E-03	1.19E-03	1.13E-03
5678	484297.5, 3854733.74	0.04675	1.16E-03	1.19E-03	1.14E-03
5679	484380.03, 3854769.34	0.04605	1.15E-03	1.17E-03	1.12E-03
5680	484462.56, 3854804.94	0.04603	1.15E-03	1.17E-03	1.12E-03
5681	484545.09, 3854840.53	0.04515	1.12E-03	1.15E-03	1.10E-03
5682	484691.88, 3854912.59	0.04507	1.12E-03	1.15E-03	1.09E-03
5683	484830.81, 3855012.51	0.0441	1.10E-03	1.12E-03	1.07E-03
5684	484905.48, 3855075.97	0.04383	1.09E-03	1.12E-03	1.06E-03
5685	484980.14, 3855139.44	0.04314	1.07E-03	1.10E-03	1.05E-03
5686	485054.81, 3855202.91	0.04217	1.05E-03	1.08E-03	1.02E-03
5687	485129.48, 3855266.37	0.0409	1.02E-03	1.04E-03	9.93E-04
5688	485204.15, 3855329.84	0.04032	1.00E-03	1.03E-03	9.79E-04
5689	485278.82, 3855393.31	0.03944	9.82E-04	1.01E-03	9.58E-04
5690	485353.48, 3855456.77	0.03875	9.65E-04	9.88E-04	9.41E-04
5691	485428.15, 3855520.24	0.03795	9.45E-04	9.67E-04	9.22E-04
5692	485502.82, 3855583.71	0.03722	9.27E-04	9.49E-04	9.04E-04
5693	485577.49, 3855647.17	0.0367	9.14E-04	9.36E-04	8.91E-04
5694	485652.16, 3855710.64	0.0362	9.02E-04	9.23E-04	8.79E-04
5695	485726.83, 3855774.11	0.03559	8.86E-04	9.07E-04	8.64E-04
5696	485801.49, 3855837.57	0.03495	8.70E-04	8.91E-04	8.49E-04
5697	485876.16, 3855901.04	0.03441	8.57E-04	8.77E-04	8.36E-04
5698	485950.83, 3855964.5	0.03386	8.43E-04	8.63E-04	8.22E-04
5699	486025.5, 3856027.97	0.03326	8.28E-04	8.48E-04	8.08E-04
5700	486100.17, 3856091.44	0.03304	8.23E-04	8.42E-04	8.03E-04
5701	486174.83, 3856154.9	0.03247	8.09E-04	8.28E-04	7.89E-04
5702	486249.5, 3856218.37	0.03165	7.88E-04	8.07E-04	7.69E-04
5703	486324.17, 3856281.84	0.0309	7.70E-04	7.88E-04	7.51E-04
5704	486398.84, 3856345.3	0.03069	7.64E-04	7.82E-04	7.45E-04
5705	486473.51, 3856408.77	0.03037	7.56E-04	7.74E-04	7.38E-04
5706	486548.17, 3856472.24	0.03025	7.53E-04	7.71E-04	7.35E-04
5707	486622.84, 3856535.7	0.03017	7.51E-04	7.69E-04	7.33E-04
5708	486765.48, 3856659.69	0.03026	7.54E-04	7.71E-04	7.35E-04
5709	486833.44, 3856720.2	0.03029	7.54E-04	7.72E-04	7.36E-04
5710	486901.41, 3856780.72	0.03042	7.58E-04	7.75E-04	7.39E-04
5711	486969.38, 3856841.24	0.03054	7.61E-04	7.79E-04	7.42E-04
5712	487037.34, 3856901.75	0.0307	7.65E-04	7.83E-04	7.46E-04
5713	487271.23, 3856855.51	0.03074	7.66E-04	7.84E-04	7.47E-04
5714	487368.96, 3856857.29	0.03065	7.63E-04	7.81E-04	7.44E-04
5715	487466.68, 3856859.06	0.03065	7.63E-04	7.81E-04	7.44E-04
5716	487636.44, 3856930	0.03089	7.69E-04	7.87E-04	7.50E-04
5717	487709.57, 3856928.43	0.03102	7.73E-04	7.91E-04	7.53E-04
5718	487782.55, 3856841.96	0.03091	7.70E-04	7.88E-04	7.51E-04
5719	487849.83, 3856754.74	0.03083	7.68E-04	7.86E-04	7.49E-04

5720	487918.03, 3856819.39	0.03111	7.75E-04	7.93E-04	7.56E-04
5721	487918.8, 3856886.37	0.03136	7.81E-04	7.99E-04	7.62E-04
5722	488065.47, 3857127.51	0.03234	8.05E-04	8.24E-04	7.86E-04
5723	488192.19, 3857385.84	0.03471	8.64E-04	8.85E-04	8.43E-04
5724	488191.22, 3857473.87	0.03582	8.92E-04	9.13E-04	8.70E-04
5725	488190.24, 3857561.91	0.03713	9.25E-04	9.47E-04	9.02E-04
5726	488158.35, 3857691.13	0.03925	9.78E-04	1.00E-03	9.53E-04
5727	488208.37, 3857816.66	0.04201	1.05E-03	1.07E-03	1.02E-03
5728	488271.97, 3857874.6	0.04372	1.09E-03	1.11E-03	1.06E-03
5729	488463.56, 3857942.31	0.04722	1.18E-03	1.20E-03	1.15E-03
5730	488554.83, 3857940.83	0.04747	1.18E-03	1.21E-03	1.15E-03
5731	488646.1, 3857939.36	0.04772	1.19E-03	1.22E-03	1.16E-03
5732	488737.37, 3857937.88	0.04805	1.20E-03	1.22E-03	1.17E-03
5733	488733.59, 3857960.57	0.04877	1.21E-03	1.24E-03	1.18E-03
5734	488638.09, 3857961.57	0.04843	1.21E-03	1.23E-03	1.18E-03
5735	488542.6, 3857962.56	0.04827	1.20E-03	1.23E-03	1.17E-03
5736	488447.1, 3857963.56	0.04793	1.19E-03	1.22E-03	1.16E-03
5737	488254.28, 3857890.36	0.04413	1.10E-03	1.12E-03	1.07E-03
5738	488191.69, 3857833.06	0.04228	1.05E-03	1.08E-03	1.03E-03
5739	488129.5, 3857907.43	0.04381	1.09E-03	1.12E-03	1.06E-03
5740	488196.47, 3857968.74	0.04602	1.15E-03	1.17E-03	1.12E-03
5741	488263.44, 3858030.04	0.04858	1.21E-03	1.24E-03	1.18E-03
5742	488400.64, 3858132.9	0.05423	1.35E-03	1.38E-03	1.32E-03
5743	488519.89, 3858218.38	0.06092	1.52E-03	1.55E-03	1.48E-03
5744	488647.97, 3858214.99	0.06111	1.52E-03	1.56E-03	1.48E-03
5745	488727.05, 3858167.67	0.05844	1.46E-03	1.49E-03	1.42E-03
5746	488806.12, 3858120.35	0.05604	1.40E-03	1.43E-03	1.36E-03
5747	488885.2, 3858073.03	0.05375	1.34E-03	1.37E-03	1.31E-03
5748	489055.76, 3857991.18	0.04971	1.24E-03	1.27E-03	1.21E-03
5749	489245.39, 3857944.55	0.04554	1.13E-03	1.16E-03	1.11E-03
5750	489430.63, 3857930.91	0.04331	1.08E-03	1.10E-03	1.05E-03
5751	489517.74, 3857929.36	0.04246	1.06E-03	1.08E-03	1.03E-03
5752	489604.86, 3857927.82	0.04168	1.04E-03	1.06E-03	1.01E-03
5753	489691.97, 3857926.28	0.04128	1.03E-03	1.05E-03	1.00E-03
5754	489779.08, 3857924.73	0.04088	1.02E-03	1.04E-03	9.93E-04
5755	490017.55, 3857875.09	0.03845	9.58E-04	9.80E-04	9.34E-04
5756	490033.82, 3857960.81	0.04137	1.03E-03	1.05E-03	1.00E-03
5757	489959.15, 3857987.49	0.04294	1.07E-03	1.09E-03	1.04E-03
5758	489791.49, 3858016.12	0.04393	1.09E-03	1.12E-03	1.07E-03
5759	489698.51, 3858018.07	0.04455	1.11E-03	1.14E-03	1.08E-03
5760	489605.52, 3858020.02	0.04527	1.13E-03	1.15E-03	1.10E-03
5761	489512.53, 3858021.96	0.04615	1.15E-03	1.18E-03	1.12E-03
5762	489419.55, 3858023.91	0.04732	1.18E-03	1.21E-03	1.15E-03
5763	489228.47, 3858041.29	0.0492	1.23E-03	1.25E-03	1.20E-03
5764	489065.75, 3858085.78	0.05347	1.33E-03	1.36E-03	1.30E-03
5765	489001.12, 3858114.86	0.05547	1.38E-03	1.41E-03	1.35E-03
5766	488861.89, 3858189.81	0.05989	1.49E-03	1.53E-03	1.45E-03
5767	488787.29, 3858235.69	0.06309	1.57E-03	1.61E-03	1.53E-03
5768	488712.68, 3858281.57	0.06611	1.65E-03	1.69E-03	1.61E-03
5769	488654.39, 3858436.17	0.0817	2.03E-03	2.08E-03	1.98E-03
5770	488726.31, 3858505.26	0.093	2.32E-03	2.37E-03	2.26E-03
5771	488880.6, 3858599.28	0.1172	2.92E-03	2.99E-03	2.85E-03
5772	489008.06, 3858714.75	0.17174	4.28E-03	4.38E-03	4.17E-03
5773	489071.48, 3858772.72	0.24899	6.20E-03	6.35E-03	6.05E-03
5774	489244.6, 3858920.2	0.8208	2.04E-02	2.09E-02	1.99E-02
5775	489239.69, 3858952.23	1.04254	2.60E-02	2.66E-02	2.53E-02
5776	489121.67, 3858854.49	0.56847	1.42E-02	1.45E-02	1.38E-02
5777	489059.59, 3858797.27	0.30553	7.61E-03	7.79E-03	7.42E-03
5778	488997.52, 3858740.04	0.19313	4.81E-03	4.92E-03	4.69E-03

5779	488935.44, 3858682.82	0.15059	3.75E-03	3.84E-03	3.66E-03
5780	488869.17, 3858848.43	0.45894	1.14E-02	1.17E-02	1.11E-02
5781	488932.48, 3858892.69	1.58376	3.94E-02	4.04E-02	3.85E-02
5782	489063.27, 3858977.17	2.69657	6.72E-02	6.87E-02	6.55E-02
5783	489248.2, 3859117.15	3.25467	8.11E-02	8.30E-02	7.91E-02
5784	489296.25, 3859049.22	1.67677	4.18E-02	4.27E-02	4.07E-02
5785	489353.38, 3858993.97	1.01615	2.53E-02	2.59E-02	2.47E-02
5786	489537.25, 3859120.22	1.25379	3.12E-02	3.20E-02	3.05E-02
5787	489726.98, 3859246.04	1.48586	3.70E-02	3.79E-02	3.61E-02
5788	489911.46, 3859366.33	1.68798	4.20E-02	4.30E-02	4.10E-02
5789	490035.3, 3859430.26	1.69561	4.22E-02	4.32E-02	4.12E-02
5790	490101.11, 3859458.61	1.65314	4.12E-02	4.21E-02	4.02E-02
5791	490312.68, 3859560.3	1.77584	4.42E-02	4.53E-02	4.31E-02
5792	490401.63, 3859603.12	1.88481	4.69E-02	4.80E-02	4.58E-02
5793	490490.57, 3859645.94	1.9998	4.98E-02	5.10E-02	4.86E-02
5794	490579.51, 3859688.76	2.1144	5.27E-02	5.39E-02	5.14E-02
5795	490668.45, 3859731.58	2.17834	5.43E-02	5.55E-02	5.29E-02
5796	490757.4, 3859774.4	2.37797	5.92E-02	6.06E-02	5.78E-02
5797	491003.53, 3859861.82	2.14311	5.34E-02	5.46E-02	5.21E-02
5798	491081.41, 3859879.05	1.91119	4.76E-02	4.87E-02	4.64E-02
5799	491229.76, 3859917.82	1.5417	3.84E-02	3.93E-02	3.74E-02
5800	491300.22, 3859939.35	1.39029	3.46E-02	3.54E-02	3.38E-02
5801	491350.49, 3860012.03	1.54404	3.85E-02	3.94E-02	3.75E-02
5802	491406.82, 3860092.57	1.74039	4.33E-02	4.44E-02	4.23E-02
5803	491483.37, 3860121.96	1.55026	3.86E-02	3.95E-02	3.77E-02
5804	491559.91, 3860151.36	1.39341	3.47E-02	3.55E-02	3.38E-02
5805	491711.81, 3860237.76	0.96147	2.39E-02	2.45E-02	2.34E-02
5806	491755.2, 3860319.07	1.38717	3.45E-02	3.54E-02	3.37E-02
5807	491704.71, 3860366.54	1.98444	4.94E-02	5.06E-02	4.82E-02
5808	491623.43, 3860462.39	1.17416	2.92E-02	2.99E-02	2.85E-02
5809	491534.02, 3860439.85	0.67158	1.67E-02	1.71E-02	1.63E-02
5810	491313.95, 3860268.18	0.90957	2.27E-02	2.32E-02	2.21E-02
5811	491187.12, 3860143.56	1.26549	3.15E-02	3.23E-02	3.07E-02
5812	491070.43, 3860075.97	1.17417	2.92E-02	2.99E-02	2.85E-02
5813	490995.09, 3860039.39	1.1005	2.74E-02	2.81E-02	2.67E-02
5814	490919.75, 3860002.8	1.10646	2.76E-02	2.82E-02	2.69E-02
5815	490756.81, 3859894.53	1.90085	4.73E-02	4.85E-02	4.62E-02
5816	490668.07, 3859860.92	1.81776	4.53E-02	4.63E-02	4.42E-02
5817	490579.34, 3859827.3	1.81598	4.52E-02	4.63E-02	4.41E-02
5818	490490.6, 3859793.68	1.72863	4.31E-02	4.41E-02	4.20E-02
5819	490401.86, 3859760.07	1.6686	4.16E-02	4.25E-02	4.05E-02
5820	490313.12, 3859726.45	1.65508	4.12E-02	4.22E-02	4.02E-02
5821	490224.39, 3859692.83	1.63161	4.06E-02	4.16E-02	3.96E-02
5822	490135.65, 3859659.22	1.59662	3.98E-02	4.07E-02	3.88E-02
5823	489918.19, 3859559.23	1.56003	3.89E-02	3.98E-02	3.79E-02
5824	489743.61, 3859486	1.2156	3.03E-02	3.10E-02	2.95E-02
5825	489660.32, 3859440.27	1.20373	3.00E-02	3.07E-02	2.92E-02
5826	489577.04, 3859394.53	1.19826	2.98E-02	3.05E-02	2.91E-02
5827	489493.75, 3859348.8	1.18344	2.95E-02	3.02E-02	2.87E-02
5828	489321.28, 3859240.02	1.34456	3.35E-02	3.43E-02	3.27E-02
5829	489235.41, 3859193.96	1.31003	3.26E-02	3.34E-02	3.18E-02
5830	489149.54, 3859147.89	1.15201	2.87E-02	2.94E-02	2.80E-02
5831	489063.68, 3859101.82	1.05325	2.62E-02	2.68E-02	2.56E-02
5832	488977.81, 3859055.75	0.94447	2.35E-02	2.41E-02	2.29E-02
5833	488891.94, 3859009.69	0.76993	1.92E-02	1.96E-02	1.87E-02
5834	488808, 3859060.73	0.39675	9.88E-03	1.01E-02	9.64E-03
5835	488809.93, 3859157.85	0.30985	7.72E-03	7.90E-03	7.53E-03
5836	488811.86, 3859254.96	0.25477	6.34E-03	6.49E-03	6.19E-03
5837	488813.78, 3859352.07	0.21668	5.40E-03	5.52E-03	5.26E-03

5838	488815.71, 3859449.19	0.1897	4.72E-03	4.84E-03	4.61E-03
5839	488910.04, 3859547.11	0.18623	4.64E-03	4.75E-03	4.52E-03
5840	489002.45, 3859547.91	0.20768	5.17E-03	5.29E-03	5.04E-03
5841	489094.85, 3859548.72	0.23372	5.82E-03	5.96E-03	5.68E-03
5842	489230.05, 3859601.87	0.25155	6.26E-03	6.41E-03	6.11E-03
5843	489227.52, 3859680.89	0.21879	5.45E-03	5.58E-03	5.31E-03
5844	489133.47, 3859760.29	0.17712	4.41E-03	4.52E-03	4.30E-03
5845	489041.96, 3859760.67	0.16256	4.05E-03	4.14E-03	3.95E-03
5846	488950.45, 3859761.05	0.14951	3.72E-03	3.81E-03	3.63E-03
5847	488858.94, 3859761.43	0.13823	3.44E-03	3.52E-03	3.36E-03
5848	488767.43, 3859761.82	0.12709	3.17E-03	3.24E-03	3.09E-03
5849	488675.92, 3859762.2	0.11759	2.93E-03	3.00E-03	2.86E-03
5850	488584.41, 3859762.58	0.10841	2.70E-03	2.76E-03	2.63E-03
5851	488492.9, 3859762.96	0.10043	2.50E-03	2.56E-03	2.44E-03
5852	488402.76, 3859830.95	0.08975	2.24E-03	2.29E-03	2.18E-03
5853	488404.14, 3859898.55	0.08589	2.14E-03	2.19E-03	2.09E-03
5854	488505.18, 3859964.96	0.08852	2.20E-03	2.26E-03	2.15E-03
5855	488604.85, 3859963.76	0.09497	2.37E-03	2.42E-03	2.31E-03
5856	488704.51, 3859962.56	0.10215	2.54E-03	2.60E-03	2.48E-03
5857	488804.18, 3859961.37	0.11002	2.74E-03	2.80E-03	2.67E-03
5858	488903.85, 3859960.17	0.11848	2.95E-03	3.02E-03	2.88E-03
5859	489003.52, 3859958.97	0.12731	3.17E-03	3.25E-03	3.09E-03
5860	489103.18, 3859957.77	0.13707	3.41E-03	3.49E-03	3.33E-03
5861	489201.48, 3860046.59	0.13445	3.35E-03	3.43E-03	3.27E-03
5862	489200.11, 3860136.61	0.12217	3.04E-03	3.11E-03	2.97E-03
5863	489198.74, 3860226.63	0.11177	2.78E-03	2.85E-03	2.71E-03
5864	489197.38, 3860316.66	0.10261	2.56E-03	2.62E-03	2.49E-03
5865	489196.01, 3860406.68	0.09496	2.36E-03	2.42E-03	2.31E-03
5866	489194.64, 3860496.7	0.08759	2.18E-03	2.23E-03	2.13E-03
5867	489193.27, 3860586.72	0.08165	2.03E-03	2.08E-03	1.98E-03
5868	489092.02, 3860678.13	0.07315	1.82E-03	1.86E-03	1.78E-03
5869	488992.13, 3860679.53	0.07025	1.75E-03	1.79E-03	1.71E-03
5870	488892.25, 3860680.92	0.06762	1.68E-03	1.72E-03	1.64E-03
5871	488792.36, 3860682.31	0.06497	1.62E-03	1.66E-03	1.58E-03
5872	488692.48, 3860683.7	0.06256	1.56E-03	1.59E-03	1.52E-03
5873	488592.59, 3860685.1	0.05988	1.49E-03	1.53E-03	1.45E-03
5874	488492.71, 3860686.49	0.05795	1.44E-03	1.48E-03	1.41E-03
5875	488299.07, 3860762.18	0.0529	1.32E-03	1.35E-03	1.28E-03
5876	488205.32, 3860764.09	0.05079	1.26E-03	1.29E-03	1.23E-03
5877	488111.56, 3860766	0.04865	1.21E-03	1.24E-03	1.18E-03
5878	488017.81, 3860767.91	0.0466	1.16E-03	1.19E-03	1.13E-03
5879	487924.06, 3860769.81	0.04477	1.11E-03	1.14E-03	1.09E-03
5880	487830.31, 3860771.72	0.04312	1.07E-03	1.10E-03	1.05E-03
5881	487736.55, 3860773.63	0.04162	1.04E-03	1.06E-03	1.01E-03
5882	487642.8, 3860775.54	0.04037	1.01E-03	1.03E-03	9.81E-04
5883	487549.48, 3860684.71	0.04035	1.00E-03	1.03E-03	9.80E-04
5884	487549.91, 3860591.97	0.04127	1.03E-03	1.05E-03	1.00E-03
5885	487550.34, 3860499.23	0.04244	1.06E-03	1.08E-03	1.03E-03
5886	487550.76, 3860406.49	0.04375	1.09E-03	1.12E-03	1.06E-03
5887	487551.19, 3860313.75	0.04494	1.12E-03	1.15E-03	1.09E-03
5888	487551.62, 3860221.01	0.04625	1.15E-03	1.18E-03	1.12E-03
5889	487552.05, 3860128.27	0.04788	1.19E-03	1.22E-03	1.16E-03
5890	487552.48, 3860035.53	0.04943	1.23E-03	1.26E-03	1.20E-03
5891	487552.91, 3859942.79	0.05053	1.26E-03	1.29E-03	1.23E-03
5892	487553.33, 3859850.05	0.05218	1.30E-03	1.33E-03	1.27E-03
5893	487553.76, 3859757.31	0.05349	1.33E-03	1.36E-03	1.30E-03
5894	487554.19, 3859664.57	0.05467	1.36E-03	1.39E-03	1.33E-03
5895	487460.2, 3859571.05	0.05245	1.31E-03	1.34E-03	1.27E-03
5896	487365.78, 3859570.27	0.04983	1.24E-03	1.27E-03	1.21E-03

5897	487271.36, 3859569.48	0.04742	1.18E-03	1.21E-03	1.15E-03
5898	487176.94, 3859568.7	0.04524	1.13E-03	1.15E-03	1.10E-03
5899	487082.51, 3859567.92	0.04332	1.08E-03	1.10E-03	1.05E-03
5900	486988.09, 3859567.14	0.04155	1.03E-03	1.06E-03	1.01E-03
5901	486893.67, 3859566.36	0.03995	9.95E-04	1.02E-03	9.70E-04
5902	486799.25, 3859565.58	0.03847	9.58E-04	9.81E-04	9.34E-04
5903	486704.83, 3859564.79	0.03713	9.25E-04	9.47E-04	9.02E-04
5904	486610.41, 3859564.01	0.0359	8.94E-04	9.15E-04	8.72E-04
5905	486515.99, 3859563.23	0.03469	8.64E-04	8.84E-04	8.43E-04
5906	486421.57, 3859562.45	0.03362	8.37E-04	8.57E-04	8.17E-04
5907	486327.14, 3859561.67	0.03266	8.13E-04	8.33E-04	7.93E-04
5908	486232.72, 3859560.89	0.03171	7.90E-04	8.08E-04	7.70E-04
5909	486138.3, 3859560.1	0.03085	7.68E-04	7.86E-04	7.49E-04
5910	486043.88, 3859559.32	0.03003	7.48E-04	7.66E-04	7.29E-04
5911	485949.35, 3859463.54	0.02959	7.37E-04	7.54E-04	7.19E-04
5912	485949.24, 3859368.55	0.02991	7.45E-04	7.62E-04	7.26E-04
5913	485949.12, 3859273.55	0.03022	7.53E-04	7.70E-04	7.34E-04
5914	485949.01, 3859178.56	0.03051	7.60E-04	7.78E-04	7.41E-04
5915	485948.9, 3859083.56	0.03084	7.68E-04	7.86E-04	7.49E-04
5916	485948.79, 3858988.56	0.03113	7.75E-04	7.94E-04	7.56E-04
5917	485948.67, 3858893.57	0.03138	7.82E-04	8.00E-04	7.62E-04
5918	485948.56, 3858798.57	0.03162	7.87E-04	8.06E-04	7.68E-04
5919	485948.45, 3858703.58	0.03168	7.89E-04	8.08E-04	7.69E-04
5920	485948.34, 3858608.58	0.03175	7.91E-04	8.09E-04	7.71E-04
5921	485948.22, 3858513.59	0.03173	7.90E-04	8.09E-04	7.71E-04
5922	485948.11, 3858418.59	0.03158	7.86E-04	8.05E-04	7.67E-04
5923	485948, 3858323.59	0.03135	7.81E-04	7.99E-04	7.61E-04
5924	485947.89, 3858228.6	0.03094	7.71E-04	7.89E-04	7.52E-04
5925	485947.77, 3858133.6	0.03045	7.58E-04	7.76E-04	7.40E-04
5926	485947.66, 3858038.61	0.03001	7.47E-04	7.65E-04	7.29E-04
5927	485854.54, 3857943.35	0.02924	7.28E-04	7.45E-04	7.10E-04
5928	485761.52, 3857943.09	0.029	7.22E-04	7.39E-04	7.04E-04
5929	485668.51, 3857942.83	0.02878	7.17E-04	7.34E-04	6.99E-04
5930	485575.5, 3857942.56	0.02852	7.10E-04	7.27E-04	6.93E-04
5931	485482.48, 3857942.3	0.02829	7.05E-04	7.21E-04	6.87E-04
5932	485389.47, 3857942.04	0.02804	6.98E-04	7.15E-04	6.81E-04
5933	485296.46, 3857941.78	0.02779	6.92E-04	7.08E-04	6.75E-04
5934	485203.45, 3857941.52	0.02755	6.86E-04	7.02E-04	6.69E-04
5935	485110.43, 3857941.26	0.02728	6.79E-04	6.95E-04	6.63E-04
5936	485017.42, 3857940.99	0.02701	6.73E-04	6.89E-04	6.56E-04
5937	484924.41, 3857940.73	0.02675	6.66E-04	6.82E-04	6.50E-04
5938	484831.39, 3857940.47	0.02651	6.60E-04	6.76E-04	6.44E-04
5939	484738.12, 3857859.3	0.02627	6.54E-04	6.70E-04	6.38E-04
5940	484737.85, 3857778.4	0.02627	6.54E-04	6.70E-04	6.38E-04
5941	484737.59, 3857697.49	0.02624	6.53E-04	6.69E-04	6.37E-04
5942	484737.32, 3857616.59	0.02621	6.53E-04	6.68E-04	6.37E-04
5943	484645.53, 3857535.18	0.02606	6.49E-04	6.64E-04	6.33E-04
5944	484553.99, 3857534.67	0.02595	6.46E-04	6.62E-04	6.30E-04
5945	484462.46, 3857534.17	0.02586	6.44E-04	6.59E-04	6.28E-04
5946	484370.93, 3857533.66	0.02578	6.42E-04	6.57E-04	6.26E-04
5947	484279.4, 3857533.16	0.02571	6.40E-04	6.55E-04	6.24E-04
5948	484187.86, 3857532.65	0.02564	6.39E-04	6.54E-04	6.23E-04
5949	484096.33, 3857532.15	0.02559	6.37E-04	6.52E-04	6.22E-04
5950	484004.8, 3857531.64	0.02551	6.35E-04	6.50E-04	6.20E-04
5951	483913.27, 3857531.14	0.02541	6.33E-04	6.48E-04	6.17E-04
5952	483821.73, 3857530.63	0.0253	6.30E-04	6.45E-04	6.15E-04
5953	483729.61, 3857450.11	0.02535	6.31E-04	6.46E-04	6.16E-04
5954	483729.03, 3857370.08	0.02553	6.36E-04	6.51E-04	6.20E-04
5955	483728.44, 3857290.06	0.02569	6.40E-04	6.55E-04	6.24E-04

5956	483727.86, 3857210.03	0.02585	6.44E-04	6.59E-04	6.28E-04
5957	483641.15, 3857129.07	0.02599	6.47E-04	6.63E-04	6.31E-04
5958	483555.03, 3857128.14	0.02592	6.46E-04	6.61E-04	6.30E-04
5959	483468.91, 3857127.2	0.02581	6.43E-04	6.58E-04	6.27E-04
5960	483382.78, 3857126.26	0.02575	6.41E-04	6.56E-04	6.25E-04
5961	483296.66, 3857125.32	0.02565	6.39E-04	6.54E-04	6.23E-04
5962	483210.54, 3857124.39	0.02553	6.36E-04	6.51E-04	6.20E-04
5963	483123.4, 3857030.96	0.02573	6.41E-04	6.56E-04	6.25E-04
5964	483122.38, 3856938.46	0.02606	6.49E-04	6.64E-04	6.33E-04
5965	483121.35, 3856845.97	0.02643	6.58E-04	6.74E-04	6.42E-04
5966	483120.33, 3856753.47	0.0268	6.67E-04	6.83E-04	6.51E-04
5967	483119.31, 3856660.98	0.02723	6.78E-04	6.94E-04	6.61E-04
5968	483118.29, 3856568.49	0.02776	6.91E-04	7.08E-04	6.74E-04
5969	483117.26, 3856475.99	0.02838	7.07E-04	7.23E-04	6.89E-04
5970	483116.24, 3856383.5	0.02904	7.23E-04	7.40E-04	7.05E-04
5971	483115.22, 3856291.01	0.02978	7.42E-04	7.59E-04	7.23E-04
5972	483114.2, 3856198.51	0.03055	7.61E-04	7.79E-04	7.42E-04
5973	483113.17, 3856106.02	0.03146	7.83E-04	8.02E-04	7.64E-04
5974	483112.15, 3856013.52	0.03238	8.06E-04	8.25E-04	7.86E-04
5975	483029.25, 3855920.47	0.03326	8.28E-04	8.48E-04	8.08E-04
5976	482947.37, 3855919.91	0.03316	8.26E-04	8.45E-04	8.05E-04
5977	482865.49, 3855919.36	0.03308	8.24E-04	8.43E-04	8.03E-04
5978	482783.61, 3855918.8	0.03307	8.24E-04	8.43E-04	8.03E-04
5979	482700.33, 3855818.39	0.03419	8.51E-04	8.72E-04	8.30E-04
5980	482698.92, 3855718.54	0.03548	8.84E-04	9.04E-04	8.62E-04
5981	482697.52, 3855618.68	0.03679	9.16E-04	9.38E-04	8.94E-04
5982	482696.11, 3855518.83	0.03826	9.53E-04	9.75E-04	9.29E-04
5983	482694.71, 3855418.98	0.03974	9.90E-04	1.01E-03	9.65E-04
5984	482693.3, 3855319.13	0.04135	1.03E-03	1.05E-03	1.00E-03
5985	482691.9, 3855219.27	0.04314	1.07E-03	1.10E-03	1.05E-03
5986	482690.49, 3855119.42	0.04505	1.12E-03	1.15E-03	1.09E-03
5987	482689.09, 3855019.57	0.0473	1.18E-03	1.21E-03	1.15E-03
5988	482687.68, 3854919.72	0.04971	1.24E-03	1.27E-03	1.21E-03
5989	482686.28, 3854819.86	0.05253	1.31E-03	1.34E-03	1.28E-03
5990	482684.88, 3854720.01	0.05554	1.38E-03	1.42E-03	1.35E-03
5991	482683.47, 3854620.16	0.05919	1.47E-03	1.51E-03	1.44E-03
5992	482682.07, 3854520.31	0.06328	1.58E-03	1.61E-03	1.54E-03
5993	482680.66, 3854420.45	0.06806	1.70E-03	1.74E-03	1.65E-03
5994	482679.26, 3854320.6	0.07374	1.84E-03	1.88E-03	1.79E-03
5995	482677.85, 3854220.75	0.08082	2.01E-03	2.06E-03	1.96E-03
5996	482676.45, 3854120.9	0.08922	2.22E-03	2.27E-03	2.17E-03
5997	482675.04, 3854021.04	0.09998	2.49E-03	2.55E-03	2.43E-03
5998	482673.64, 3853921.19	0.11396	2.84E-03	2.91E-03	2.77E-03
5999	482672.23, 3853821.34	0.13494	3.36E-03	3.44E-03	3.28E-03
6000	482670.83, 3853721.49	0.16768	4.18E-03	4.27E-03	4.07E-03
6001	482669.42, 3853621.63	0.22285	5.55E-03	5.68E-03	5.41E-03
6002	482645.99, 3853446.13	0.43445	1.08E-02	1.11E-02	1.06E-02
6003	482623.97, 3853370.49	0.51767	1.29E-02	1.32E-02	1.26E-02
6004	482601.94, 3853294.84	0.58809	1.46E-02	1.50E-02	1.43E-02
6005	482531.29, 3853133.44	0.70631	1.76E-02	1.80E-02	1.72E-02
6006	482482.68, 3853047.69	0.78686	1.96E-02	2.01E-02	1.91E-02
6007	482383.09, 3852897.4	0.98006	2.44E-02	2.50E-02	2.38E-02
6008	482265.64, 3852765.26	1.04718	2.61E-02	2.67E-02	2.54E-02
6009	482199.16, 3852697.66	1.0461	2.61E-02	2.67E-02	2.54E-02
6010	482132.69, 3852630.07	1.05222	2.62E-02	2.68E-02	2.56E-02
6011	482066.21, 3852562.48	1.04494	2.60E-02	2.66E-02	2.54E-02
6012	481999.74, 3852494.89	1.0256	2.55E-02	2.61E-02	2.49E-02
6013	481933.26, 3852427.29	1.00147	2.49E-02	2.55E-02	2.43E-02
6014	481866.79, 3852359.7	0.99528	2.48E-02	2.54E-02	2.42E-02

6015	481800.31, 3852292.11	0.99193	2.47E-02	2.53E-02	2.41E-02
6016	481733.84, 3852224.52	0.98545	2.45E-02	2.51E-02	2.39E-02
6017	481667.36, 3852156.92	1.00501	2.50E-02	2.56E-02	2.44E-02
6018	481600.89, 3852089.33	0.99513	2.48E-02	2.54E-02	2.42E-02
6019	481534.41, 3852021.74	0.98612	2.46E-02	2.51E-02	2.40E-02
6020	481467.94, 3851954.15	0.99273	2.47E-02	2.53E-02	2.41E-02
6021	481401.46, 3851886.55	1.02291	2.55E-02	2.61E-02	2.48E-02
6022	481265.87, 3851761.43	1.04512	2.60E-02	2.66E-02	2.54E-02
6023	481196.74, 3851703.89	1.06442	2.65E-02	2.71E-02	2.59E-02
6024	481076.33, 3851619.05	1.06806	2.66E-02	2.72E-02	2.59E-02
6025	480939.8, 3851549.07	1.01795	2.54E-02	2.60E-02	2.47E-02
6026	480854.56, 3851506.41	1.01516	2.53E-02	2.59E-02	2.47E-02
6027	480769.32, 3851463.75	1.02883	2.56E-02	2.62E-02	2.50E-02
6028	480684.08, 3851421.08	1.04599	2.60E-02	2.67E-02	2.54E-02
6029	480598.84, 3851378.42	1.04315	2.60E-02	2.66E-02	2.53E-02
6030	480435.71, 3851275.01	1.23447	3.07E-02	3.15E-02	3.00E-02
6031	480347.85, 3851232.36	1.22886	3.06E-02	3.13E-02	2.98E-02
6032	480260, 3851189.72	1.22593	3.05E-02	3.13E-02	2.98E-02
6033	480172.15, 3851147.07	1.22271	3.05E-02	3.12E-02	2.97E-02
6034	480084.29, 3851104.42	1.22618	3.05E-02	3.13E-02	2.98E-02
6035	479996.44, 3851061.77	1.23023	3.06E-02	3.14E-02	2.99E-02
6036	479908.58, 3851019.13	1.2866	3.20E-02	3.28E-02	3.13E-02
6037	479820.73, 3850976.48	1.28461	3.20E-02	3.27E-02	3.12E-02
6038	479732.88, 3850933.83	1.28665	3.20E-02	3.28E-02	3.13E-02
6039	479645.02, 3850891.18	1.28824	3.21E-02	3.28E-02	3.13E-02
6040	479557.17, 3850848.54	1.27744	3.18E-02	3.26E-02	3.10E-02
6041	479469.32, 3850805.89	1.30838	3.26E-02	3.34E-02	3.18E-02
6042	479381.46, 3850763.24	1.29465	3.22E-02	3.30E-02	3.14E-02
6043	479293.61, 3850720.59	1.25791	3.13E-02	3.21E-02	3.06E-02
6044	479205.76, 3850677.95	1.22947	3.06E-02	3.13E-02	2.99E-02
6045	479117.9, 3850635.3	1.17801	2.93E-02	3.00E-02	2.86E-02
6046	479030.05, 3850592.65	1.14876	2.86E-02	2.93E-02	2.79E-02
6047	478942.19, 3850550	1.1724	2.92E-02	2.99E-02	2.85E-02
6048	478854.34, 3850507.36	1.29449	3.22E-02	3.30E-02	3.14E-02
6049	478766.49, 3850464.71	1.31678	3.28E-02	3.36E-02	3.20E-02
6050	478678.63, 3850422.06	1.31733	3.28E-02	3.36E-02	3.20E-02
6051	478590.78, 3850379.41	1.32793	3.31E-02	3.39E-02	3.23E-02
6052	478502.93, 3850336.77	1.32356	3.30E-02	3.37E-02	3.21E-02
6053	478415.07, 3850294.12	1.30813	3.26E-02	3.33E-02	3.18E-02
6054	478327.22, 3850251.47	1.32636	3.30E-02	3.38E-02	3.22E-02
6055	478239.36, 3850208.82	1.33632	3.33E-02	3.41E-02	3.25E-02
6056	478151.51, 3850166.18	1.34162	3.34E-02	3.42E-02	3.26E-02
6057	478063.66, 3850123.53	1.34747	3.36E-02	3.44E-02	3.27E-02
6058	477975.8, 3850080.88	1.28033	3.19E-02	3.26E-02	3.11E-02
6059	477887.95, 3850038.23	1.26908	3.16E-02	3.24E-02	3.08E-02
6060	477800.1, 3849995.59	1.24197	3.09E-02	3.17E-02	3.02E-02
6061	477712.24, 3849952.94	1.24729	3.11E-02	3.18E-02	3.03E-02
6062	477624.39, 3849910.29	1.24391	3.10E-02	3.17E-02	3.02E-02
6063	477536.54, 3849867.64	1.2214	3.04E-02	3.11E-02	2.97E-02
6064	477448.68, 3849825	1.21837	3.03E-02	3.11E-02	2.96E-02
6065	477360.83, 3849782.35	1.21179	3.02E-02	3.09E-02	2.94E-02
6066	477272.97, 3849739.7	1.20801	3.01E-02	3.08E-02	2.93E-02
6067	477185.12, 3849697.05	1.203	3.00E-02	3.07E-02	2.92E-02
6068	477097.27, 3849654.41	1.21634	3.03E-02	3.10E-02	2.95E-02
6069	477009.41, 3849611.76	1.27032	3.16E-02	3.24E-02	3.09E-02
6070	476841.49, 3849530.08	1.30482	3.25E-02	3.33E-02	3.17E-02
6071	476761.41, 3849491.05	1.31688	3.28E-02	3.36E-02	3.20E-02
6072	476681.34, 3849452.02	1.3743	3.42E-02	3.50E-02	3.34E-02
6073	476601.26, 3849412.99	1.49088	3.71E-02	3.80E-02	3.62E-02

6074	476456.32, 3849353.67	1.78368	4.44E-02	4.55E-02	4.33E-02
6075	476305.43, 3849318.84	1.69401	4.22E-02	4.32E-02	4.11E-02
6076	476129.36, 3849289.99	1.66793	4.15E-02	4.25E-02	4.05E-02
6077	476039.31, 3849275.68	1.63347	4.07E-02	4.16E-02	3.97E-02
6078	475949.26, 3849261.38	1.69705	4.23E-02	4.33E-02	4.12E-02
6079	475859.21, 3849247.08	1.63299	4.07E-02	4.16E-02	3.97E-02
6080	475769.16, 3849232.77	1.57163	3.91E-02	4.01E-02	3.82E-02
6081	475585.23, 3849219.27	0.85668	2.13E-02	2.18E-02	2.08E-02
6082	475444.5, 3849150.35	1.62188	4.04E-02	4.13E-02	3.94E-02
6083	475334.18, 3849118.71	1.22332	3.05E-02	3.12E-02	2.97E-02
6084	475230.47, 3849060.57	1.22698	3.06E-02	3.13E-02	2.98E-02
6085	475110.86, 3848960.97	1.46637	3.65E-02	3.74E-02	3.56E-02
6086	475037.79, 3848896.28	1.52514	3.80E-02	3.89E-02	3.70E-02
6087	474964.72, 3848831.59	1.57689	3.93E-02	4.02E-02	3.83E-02
6088	474891.65, 3848766.9	1.5727	3.92E-02	4.01E-02	3.82E-02
6089	474818.58, 3848702.22	1.58558	3.95E-02	4.04E-02	3.85E-02
6090	474745.51, 3848637.53	1.4324	3.57E-02	3.65E-02	3.48E-02
6091	474672.44, 3848572.84	1.41151	3.52E-02	3.60E-02	3.43E-02
6092	474599.37, 3848508.15	1.45217	3.62E-02	3.70E-02	3.53E-02
6093	474526.3, 3848443.46	1.44582	3.60E-02	3.69E-02	3.51E-02

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30(2033)	16<30(2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30(2033)	16<30(2048)	Total Risk
1	485973.61	3854936.51	1.00E-03	1.03E-03	9.77E-04	3.47E-07	1.05E-06	6.06E-07	6.20E-07	5.62E-07	2.57E-07	2.44E-07	1.16E-08	2.80E-07	6.17E-08	8.42E-08	1.34E-07	2.35E-08	1.28E-07	7.23E-07
2	486023.61	3854936.51	9.95E-04	1.02E-03	9.70E-04	3.44E-07	1.04E-06	6.02E-07	6.16E-07	5.59E-07	2.49E-07	2.43E-07	1.15E-08	2.78E-07	6.13E-08	8.37E-08	1.33E-07	2.29E-08	1.27E-07	7.17E-07
3	486073.61	3854936.51	9.93E-04	1.02E-03	9.68E-04	3.44E-07	1.04E-06	6.01E-07	6.15E-07	5.57E-07	2.48E-07	2.42E-07	1.15E-08	2.77E-07	6.12E-08	8.35E-08	1.32E-07	2.28E-08	1.27E-07	7.16E-07
4	486123.61	3854936.51	9.79E-04	1.00E-03	9.55E-04	3.39E-07	1.02E-06	5.92E-07	6.06E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.31E-07	2.25E-08	1.25E-07	7.06E-07
5	486173.61	3854936.51	9.82E-04	1.01E-03	9.58E-04	3.40E-07	1.03E-06	5.94E-07	6.08E-07	5.51E-07	2.46E-07	2.40E-07	1.14E-08	2.74E-07	6.05E-08	8.26E-08	1.31E-07	2.26E-08	1.26E-07	7.08E-07
6	486223.61	3854936.51	9.75E-04	9.98E-04	9.51E-04	3.38E-07	1.02E-06	5.90E-07	6.04E-07	5.48E-07	2.44E-07	2.38E-07	1.13E-08	2.72E-07	6.01E-08	8.20E-08	1.30E-07	2.24E-08	1.25E-07	7.03E-07
7	486273.61	3854936.51	9.72E-04	9.94E-04	9.48E-04	3.36E-07	1.02E-06	5.88E-07	6.02E-07	5.45E-07	2.43E-07	2.37E-07	1.12E-08	2.71E-07	5.99E-08	8.17E-08	1.30E-07	2.23E-08	1.24E-07	7.00E-07
8	486323.61	3854936.51	9.69E-04	9.91E-04	9.45E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.44E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.97E-08	8.14E-08	1.29E-07	2.22E-08	1.24E-07	6.98E-07
9	485973.61	3854986.51	9.90E-04	1.01E-03	9.65E-04	3.43E-07	1.03E-06	5.99E-07	6.13E-07	5.56E-07	2.48E-07	2.42E-07	1.14E-08	2.76E-07	6.10E-08	8.32E-08	1.32E-07	2.27E-08	1.27E-07	7.14E-07
10	486023.61	3854986.51	9.86E-04	1.01E-03	9.62E-04	3.41E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.47E-07	2.41E-07	1.14E-08	2.75E-07	6.07E-08	8.29E-08	1.32E-07	2.26E-08	1.26E-07	7.11E-07
11	486073.61	3854986.51	9.79E-04	1.00E-03	9.55E-04	3.39E-07	1.02E-06	5.93E-07	6.06E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.31E-07	2.25E-08	1.25E-07	7.06E-07
12	486123.61	3854986.51	9.73E-04	9.96E-04	9.49E-04	3.37E-07	1.02E-06	5.89E-07	6.02E-07	5.46E-07	2.43E-07	2.37E-07	1.12E-08	2.72E-07	5.99E-08	8.18E-08	1.30E-07	2.23E-08	1.25E-07	7.01E-07
13	486173.61	3854986.51	9.72E-04	9.95E-04	9.48E-04	3.36E-07	1.02E-06	5.88E-07	6.02E-07	5.46E-07	2.43E-07	2.37E-07	1.12E-08	2.71E-07	5.99E-08	8.17E-08	1.30E-07	2.23E-08	1.25E-07	7.01E-07
14	486223.61	3854986.51	9.65E-04	9.87E-04	9.41E-04	3.34E-07	1.01E-06	5.84E-07	5.97E-07	5.42E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.22E-08	1.24E-07	6.95E-07
15	486273.61	3854986.51	9.56E-04	9.78E-04	9.32E-04	3.31E-07	9.99E-07	5.78E-07	5.92E-07	5.37E-07	2.39E-07	2.33E-07	1.10E-08	2.67E-07	5.89E-08	8.04E-08	1.27E-07	2.19E-08	1.22E-07	6.89E-07
16	486323.61	3854986.51	9.60E-04	9.83E-04	9.37E-04	3.32E-07	1.00E-06	5.81E-07	5.95E-07	5.39E-07	2.40E-07	2.34E-07	1.11E-08	2.68E-07	5.92E-08	8.08E-08	1.28E-07	2.21E-08	1.23E-07	6.92E-07
17	485973.61	3855036.51	9.80E-04	1.00E-03	9.56E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.74E-07	6.04E-08	8.24E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
18	486023.61	3855036.51	9.75E-04	9.98E-04	9.51E-04	3.38E-07	1.02E-06	5.90E-07	6.04E-07	5.47E-07	2.44E-07	2.38E-07	1.13E-08	2.72E-07	6.01E-08	8.20E-08	1.30E-07	2.24E-08	1.25E-07	7.03E-07
19	486073.61	3855036.51	9.66E-04	9.89E-04	9.42E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.95E-08	8.12E-08	1.29E-07	2.22E-08	1.24E-07	6.96E-07
20	486123.61	3855036.51	9.60E-04	9.83E-04	9.37E-04	3.32E-07	1.00E-06	5.81E-07	5.95E-07	5.39E-07	2.40E-07	2.34E-07	1.11E-08	2.68E-07	5.92E-08	8.08E-08	1.28E-07	2.21E-08	1.23E-07	6.92E-07
21	486173.61	3855036.51	9.60E-04	9.83E-04	9.36E-04	3.32E-07	1.00E-06	5.81E-07	5.95E-07	5.39E-07	2.40E-07	2.34E-07	1.11E-08	2.68E-07	5.92E-08	8.07E-08	1.28E-07	2.21E-08	1.23E-07	6.92E-07
22	486223.61	3855036.51	9.51E-04	9.73E-04	9.27E-04	3.29E-07	9.94E-07	5.75E-07	5.89E-07	5.34E-07	2.38E-07	2.32E-07	1.10E-08	2.65E-07	5.86E-08	8.00E-08	1.27E-07	2.18E-08	1.22E-07	6.86E-07
23	486273.61	3855036.51	9.52E-04	9.74E-04	9.28E-04	3.29E-07	9.95E-07	5.76E-07	5.89E-07	5.34E-07	2.38E-07	2.32E-07	1.10E-08	2.66E-07	5.86E-08	8.00E-08	1.27E-07	2.19E-08	1.22E-07	6.86E-07
24	486323.61	3855036.51	9.46E-04	9.68E-04	9.23E-04	3.27E-07	9.89E-07	5.72E-07	5.86E-07	5.31E-07	2.37E-07	2.31E-07	1.09E-08	2.64E-07	5.83E-08	7.95E-08	1.26E-07	2.17E-08	1.21E-07	6.82E-07
25	485973.61	3855086.51	9.68E-04	9.91E-04	9.44E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.43E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.96E-08	8.14E-08	1.29E-07	2.22E-08	1.24E-07	6.98E-07
26	486023.61	3855086.51	9.65E-04	9.88E-04	9.41E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.95E-08	8.12E-08	1.29E-07	2.22E-08	1.24E-07	6.96E-07
27	486073.61	3855086.51	9.56E-04	9.79E-04	9.33E-04	3.31E-07	1.00E-06	5.79E-07	5.92E-07	5.37E-07	2.39E-07	2.33E-07	1.11E-08	2.67E-07	5.89E-08	8.04E-08	1.28E-07	2.20E-08	1.23E-07	6.89E-07
28	486123.61	3855086.51	9.54E-04	9.76E-04	9.30E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.39E-07	2.33E-07	1.10E-08	2.66E-07	5.88E-08	8.02E-08	1.27E-07	2.19E-08	1.22E-07	6.88E-07
29	486173.61	3855086.51	9.46E-04	9.68E-04	9.23E-04	3.27E-07	9.89E-07	5.72E-07	5.86E-07	5.31E-07	2.37E-07	2.31E-07	1.09E-08	2.64E-07	5.83E-08	7.95E-08	1.26E-07	2.17E-08	1.21E-07	6.82E-07
30	486223.61	3855086.51	9.43E-04	9.65E-04	9.20E-04	3.26E-07	9.86E-07	5.71E-07	5.84E-07	5.29E-07	2.36E-07	2.30E-07	1.09E-08	2.63E-07	5.81E-08	7.93E-08	1.26E-07	2.17E-08	1.21E-07	6.80E-07
31	485973.61	3855136.51	9.59E-04	9.82E-04	9.35E-04	3.32E-07	1.00E-06	5.80E-07	5.94E-07	5.38E-07	2.40E-07	2.34E-07	1.11E-08	2.68E-07	5.91E-08	8.06E-08	1.28E-07	2.20E-08	1.23E-07	6.91E-07
32	486023.61	3855136.51	9.54E-04	9.77E-04	9.31E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.39E-07	2.33E-07	1.10E-08	2.66E-07	5.88E-08	8.02E-08	1.27E-07	2.19E-08	1.22E-07	6.88E-07
33	486073.61	3855136.51	9.48E-04	9.71E-04	9.25E-04	3.28E-07	9.91E-07	5.74E-07	5.87E-07	5.32E-07	2.37E-07	2.31E-07	1.10E-08	2.65E-07	5.84E-08	7.97E-08	1.27E-07	2.18E-08	1.21E-07	6.84E-07
34	486123.61	3855136.51	9.44E-04	9.66E-04	9.21E-04	3.27E-07	9.87E-07	5.71E-07	5.85E-07	5.30E-07	2.36E-07	2.30E-07	1.09E-08	2.64E-07	5.82E-08	7.94E-08	1.26E-07	2.17E-08	1.21E-07	6.80E-07
35	486173.61	3855136.51	9.38E-04	9.60E-04	9.14E-04	3.25E-07	9.80E-07	5.67E-07	5.81E-07	5.26E-07	2.35E-07	2.29E-07	1.08E-08	2.62E-07	5.78E-08	7.88E-08	1.25E-07	2.15E-08	1.20E-07	6.76E-07
36	486223.61	3855136.51	9.33E-04	9.55E-04	9.10E-04	3.23E-07	9.75E-07	5.64E-07	5.78E-07	5.24E-07	2.33E-07	2.28E-07	1.08E-08	2.60E-07	5.75E-08	7.85E-08	1.24E-07	2.14E-08	1.20E-07	6.73E-07
37	485973.61	3855186.51	9.50E-04	9.73E-04	9.27E-04	3.29E-07	9.93E-07	5.75E-07	5.88E-07	5.33E-07	2.38E-07	2.32E-07	1.10E-08	2.65E-07	5.85E-08	7.99E-08	1.27E-07	2.18E-08	1.22E-07	6.85E-07
38	486023.61	3855186.51	9.46E-04	9.68E-04	9.22E-04	3.27E-07	9.88E-07	5.72E-07	5.86E-07	5.31E-07	2.37E-07	2.31E-07	1.09E-08	2.64E-07	5.83E-08	7.95E-08	1.26E-07	2.17E-08	1.21E-07	6.82E-07
39	486073.61	3855186.51	9.38E-04	9.60E-04	9.14E-04	3.25E-07	9.80E-07	5.67E-07	5.81E-07	5.26E-07	2.35E-07	2.29E-07	1.08E-08	2.62E-07	5.78E-08	7.88E-08	1.25E-07	2.15E-08	1.20E-07	6.76E-07
40	486123.61	3855186.51	9.30E-04	9.52E-04	9.07E-04	3.22E-07	9.72E-07	5.63E-07	5.76E-07	5.22E-07	2.33E-07	2.27E-07	1.08E-08	2.60E-07	5.73E-08	7.82E-08	1.24E-07	2.14E-08	1.19E-07	6.71E-07
41	486173.61	3855186.51	9.26E-04	9.48E-04	9.03E-04	3.20E-07	9.68E-07	5.60E-07	5.73E-07	5.20E-07	2.32E-07	2.26E-07	1.07E-08	2.58E-07	5.70E-08	7.78E-08	1.23E-07	2.13E-08	1.19E-07	6.67E-07
42	486223.61	3855186.51	9.21E-04	9.43E-04	8.98E-04	3.19E-07	9.63E-07	5.57E-07	5.70E-07	5.17E-07	2.30E-07	2.25E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.12E-08	1.18E-07	6.64E-07
43	486273.61	3855186.51	9.15E-04	9.37E-04	8.93E-04	3.17E-07	9.57E-07	5.54E-07	5.67E-07	5.14E-07	2.29E-07	2.23E-07	1.06E-08	2.56E-07	5.64E-08	7.70E-08	1.22E-07	2.10E-08	1.17E-07	6.60E-07
44	486323.61	3855186.51	9.22E-04	9.43E-04	8.99E-04	3.19E-07	9.63E-07	5.58E-07	5.71E-07	5.17E-07	2.31E-07	2.25E-07	1.07E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.65E-07
45	485973.61	3855236.51	9.40E-04	9.62E-04	9.17E-04	3.25E-07	9.82E-07	5.69E-07	5.82E-07	5.28E-07	2.35E-07	2.29E-07	1.09E-08	2.62E-07	5.79E-08	7.90E-08	1.25E-07	2.16E-08	1.20E-07	6.78E-07
46	486023.61	3855236.51	9.33E-04	9.55E-04	9.10E-04	3.23E-07	9.75E-07	5.64E-07	5.78E-07	5.24E-07	2.33E-07	2.28E-07	1.08E-08	2.60E-07	5.75E-08	7.84E-08	1.24E-07	2.14E-08	1.19E-07	6.72E-07
47	486073.61	3855236.51	9.24E-04	9.46E-04	9.02E-04	3.20E-07	9.66E-07	5.59E-07	5.73E-07	5.19E-07	2.31E-07	2.26E-07	1.07E-08	2.58E-07	5.70E-08	7.77E-08	1.23E-07	2.12E-08	1.18E-07	6.66E-07
48	486123.61	3855236.51	9.19E-04	9.41E-04	8.97E-04	3.18E-07	9.61E-07	5.56E-07	5.69E-07	5.16E-07	2.30E-07	2.24E-07	1.06E-08	2.57E-07	5.66E-08	7.73E-08	1.23E-07	2.11E-08	1.18E-07	6.63E-07
49	486173.61	3855236.51	9.15E-04	9.37E-04	8.92E-04	3.17E-07	9.56E-07	5.54E-07	5.67E-07	5.14E-07	2.29E-07	2.23E-07	1.06E-08	2.55E-07	5.64E-08	7.69E-08	1.22E-07	2.10E-08	1.17E-07	6.60E-07
50	486223.61	3855236.51	9.10E-04	9.31E-04	8.87E-04	3.15E-07	9.51E-07	5.50E-07	5.63E-07	5.11E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.60E-08	7.65E-08	1.21E-07	2.09E-08	1.17E-07	6.56E-07
51	486273.61	3855236.51	8.99E-04	9.20E-04	8.76E-04	3.11E-07	9.39E-07	5.44E-07	5.57E-07	5.04E-07	2.25E-07	2.19E-07	1.04E-08	2.51E-07	5.54E-08	7.56E-08	1.20E-07	2.06E-08	1.15E-07	6.48E-07
52	486323.61	3855236.51	9.11E-04	9.32E-04	8.88E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.11E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.21E-07	2.09E-08	1.17E-07	6.56E-07
53	485973.61	3855286.51	9.29E-04	9.51E-04	9.06E-04	3.22E-07	9.71E-07	5.62E-07	5.76E-07	5.22E-07	2.33E-07	2.27E-07	1.07E-08	2.60E-07	5.73E-08	7.82E-08	1.24E-07	2.13E-08	1.19E-07	6.70E-07
54	486023.61	3855286.51	9.21E-04	9.43E-04	8.98E-04	3.19E-07	9.63E-07	5.57E-07	5.71E-07	5.17E-07	2.31E-07	2.25E-07	1.06E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.64E-07
55	486073.61	3855286.51	9.14E-04	9.36E-04	8.92E-04	3.17E-07	9.56E-07	5.53E-07	5.66E-07	5.13E-07	2.29E-07	2.23E-07	1.06E-08	2.55E-07	5.63E-08	7.69E-08	1.22E-07	2.10E-08	1.17E-07	6.59E-07
56	486123.61	3855286.51	9.07E-04	9.29E-04	8.85E-04	3.14E-07	9.48E-07	5.49E-07	5.62E-07	5.09E-07	2.27E-07	2.21E-07	1.05E-08	2.53E-07	5.59E-08	7.63E-08	1.21E-07	2.08E-08	1.16E-07	6.54E-07
57	486173.61	3855286.51	9.01E-04	9.22E-04	8.79E-04	3.12E-07	9.42E-07	5.45E-07	5.58E-07	5.06E-07	2.26E-07	2.20E-07	1.04E-08	2.52E-07	5.55E-08	7.58E-08	1.20E-07	2.07E-08	1.15E-07	6.50E-07
58	486223.61	3855286.51	8.98E-04	9.19E-04	8.76E-04	3.11E-07	9.38E-07	5.43E-07	5.56E-07	5.04E-07	2.25E-07	2.19E-07	1.04E-08	2.51E-07	5.53E-08	7.55E-08	1.20E-07	2.06E-08	1.15E-07	6.47E-07
59	486123.61	3855336.51	8.96E-04	9.17E-04	8.73E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.24E-07	2.19E-07	1.04E-08	2.50E-07	5.52E-08	7.53E-08	1.19E-07	2.06E-08	1.15E-07	6.46E-07
60	486173.61	3855336.51	8.91E-04	9.12E-04	8.69E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.00E-07	2.23E-07	2.18E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.05E-08	1.14E-07	6.43E-07
61	486223.61	3855336.51	8.86E-04	9.07E-04	8.64E-04	3.07E-07	9.26E-07	5.36E-07	5.49E-07	4.98E-07	2.22E-07	2.16E-07	1.02E-08	2.47E-07	5.46E-08	7.45E-08	1.18E-07	2.04E-08	1.14E-07	6.39E-07
62	486123.61	3855386.51	8.85E-04	9.06E-04	8.63E-04	3.06E-07	9.25E-07	5.36E-07	5.48E-07	4.97E-07	2.22E-07	2.16E-07	1.02E-08	2.47E-07	5.45E-08	7.45E-08	1.18E-07	2.03E-08	1.13E-07	6.38E-07
63	486173.61	3855386.51	8.81E-04	9.02E-04	8.59E-04	3.05E-07	9.21E-07	5.33E-07	5.46E-07	4.95E-07	2.20E-07	2.15E-07	1.02E-08	2.46E-07	5.43E-08	7.41E-08	1.18E-07	2.02E-08	1.13E-07	6.35E-07
64	486223.61	3855386.51	8.77E-04	8.98E-04	8.55E-04	3.04E-07	9.17E-07	5.31E-07	5.43E-07	4.92E-07	2.19E-07	2.14E-07	1.01E-08	2.45E-07	5.40E-08	7.37E-08	1.17E-07	2.01E-08	1.12E-07	6.32E-07
65	486533.18	3855443.15	8.52E-04	8.72E-04	8.31E-04	2.95E-07	8.91E-07	5.16E-07	5.28E-07	4.78E-07	2.13E-07	2.08E-07	9.85E-09	2.38E-07	5.25E-08	7.17E-08	1.14E-07	1.96E-08	1.09E-07	6.14E-07
66	486583.18	3855443.15	8.48E-04	8.69E-04	8.28E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.76E-07	2.12E-07	2.07E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	1.95E-08	1.09E-07	6.12E-07
67	486633.18	3855443.15	8.45E-04	8.65E-04	8.24E-04	2.92E-07	8.83E-07	5.11E-07	5.23E-07	4.74E-07	2.11E-07	2.06E-07	9.76E-09	2.36E-07	5.20E-08	7.10E-08	1.13E-07	1.94E-08	1.08E-07	6.09E-07
68	486683.18	3855443.15	8.44E-04	8.63E-04	8.23E-04	2.92E-07	8.82E-07	5.10E-07	5.22E-07	4.74E-07	2.11E-07	2.06E-07	9.75E-09	2.36E-07	5.20E-08	7.09E-08	1.13E-07	1.94E-08	1.08E-07	6.08E-07
69	486533.18	3855493.15	8.42E-04	8.62E-04	8.21E-04	2.91E-07	8.80E-07	5.09E-07	5.21E-07	4.73E-07	2.11E-07	2.05E-07	9.73E-09	2.35E-07	5.19E-08	7.08E-08	1.12E-07	1.93E-08	1.08E-07	6.07E-07
70	486583.18	3855493.15	8.39E-04	8.59E-04	8.19E-04	2.91E-07	8.77E-07	5.08E-07	5.20E-07	4.71E-07	2.10E-07	2.05E-07	9.70E-09	2.34E-07	5.17E-08	7.06E-08	1.12E-07	1.93E-08	1.08E-07	6.05E-07
71	486633.18	3855493.15	8.36E-04	8.56E-04	8.15E-04	2.89E-07	8.74E-07	5.06E-07	5.18E-07	4.69E-07	2.09E-07	2.04E-07	9.66E-09	2.33E-07	5.15E-08	7.03E-08	1.12E-07	1.92E-08	1.07E-07	6.03E-07
72	486683.18	3855493.15	8.33E-04	8.52E-04	8.12E-04	2.88E-07	8.70E-07	5.04E-07	5.16E-07	4.68E-07	2.08E-07	2.03E-07	9.63E-09	2.33E-07	5.13E-08	7.00E-08	1.11E-07	1.91E-08	1.07E-07	6.00E-07
73	486533.18	3855543.15	8.33E-04	8.53E-04	8.13E-04	2.88E-07	8.71E-07	5.04E-07	5.16E-07	4.68E-07	2.09E-07	2.03E-07	9.63E-09	2.33E-07	5.13E-08	7.01E-08	1.11E-07	1.91E-08	1.07E-07	6.01E-07
74	486583.18	3855543.15	8.28E-04	8.48E-04	8.08E-04	2.87E-07	8.66E-07	5.01E-07	5.13E-07	4.65E-07	2.07E-07	2.02E-07	9.57E-09	2.31E-07	5.10E-08	6.96E-08	1.10E-07	1.90E-08	1.06E-07	5.97E-07
75	486633.18	3855543.15	8.26E-04	8.45E-04	8.05E-04	2.86E-07	8.63E-07	5.00E-07	5.11E-07	4.64E-07	2.07E-07	2.02E-07	9.54E-09	2.31E-07	5.09E-08	6.94E-08	1.10E-07	1.90E-08	1.06E-07	5.95E-07
76	486683.18	3855543.15	8.20E-04	8.39E-04	7.99E-04	2.84E-07	8.57E-07	4.96E-07	5.08E-07	4.60E-07	2.05E-07	2.00E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.88E-08	1.05E-07	5.91E-07
77	486533.18	3855593.15	8.23E-04	8.43E-04	8.03E-04	2.85E-07	8.60E-07	4.98E-07	5.10E-07	4.62E-07	2.06E-07	2.01E-07	9.51E-09	2.30E-07	5.07E-08	6.92E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
78	486583.18	3855593.15	8.19E-04	8.38E-04	7.99E-04	2.84E-07	8.56E-07	4.96E-07	5.07E-07	4.60E-07	2.05E-07	2.00E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.88E-08	1.05E-07	5.91E-07
79	486633.18	3855593.15	8.16E-04	8.35E-04	7.96E-04	2.82E-07	8.53E-07	4.94E-07	5.05E-07	4.58E-07	2.04E-07	1.99E-07	9.43E-09	2.28E-07	5.03E-08	6.86E-08	1.09E-07	1.87E-08	1.05E-07	5.88E-07
80	486683.18	3855593.15	8.14E-04	8.33E-04	7.94E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.41E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07
81	486533.18	3855643.15	8.14E-04	8.33E-04	7.94E-04	2.82E-07	8.51E-07	4.93E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.41E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07
82	486583.18	3855643.15	8.11E-04	8.30E-04	7.91E-04	2.81E-07	8.48E-07	4.91E-07	5.02E-07	4.55E-07	2.03E-07	1.98E-07	9.37E-09	2.26E-07	5.00E-08	6.82E-08	1.08E-07	1.86E-08	1.04E-07	5.85E-07
83	486633.18	3855643.15	8.07E-04	8.26E-04	7.87E-04	2.79E-07	8.44E-07	4.89E-07	5.00E-07	4.53E-07	2.02E-07	1.97E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.85E-08	1.03E-07	5.82E-07
84	486683.18	3855643.15	8.04E-04	8.23E-04	7.85E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.01E-07	1.96E-07	9.30E-09	2.25E-07	4.96E-08	6.76E-08	1.07E-07	1.85E-08	1.03E-07	5.80E-07
85	486533.18	3855693.15	8.07E-04	8.26E-04	7.87E-04	2.79E-07	8.44E-07	4.89E-07	5.00E-07	4.53E-07	2.02E-07	1.97E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.85E-08	1.03E-07	5.82E-07
86	486583.18	3855693.15	8.01E-04	8.20E-04	7.82E-04	2.77E-07	8.38E-07	4.85E-07	4.96E-07	4.50E-07	2.01E-07	1.96E-07	9.26E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.84E-08	1.03E-07	5.78E-07
87	486633.18	3855693.15	7.95E-04	8.14E-04	7.76E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.46E-07	1.99E-07	1.94E-07	9.19E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.83E-08	1.02E-07	5.73E-07
88	486683.18	3855693.15	7.95E-04	8.14E-04	7.76E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.47E-07	1.99E-07	1.94E-07	9.19E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.83E-08	1.02E-07	5.73E-07
89	486733.18	3855693.15	7.98E-04	8.17E-04	7.79E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.48E-07	2.00E-07	1.95E-07	9.23E-09	2.23E-07	4.92E-08	6.71E-08	1.07E-07	1.83E-08	1.02E-07	5.76E-07
90	486783.18	3855693.15	8.03E-04	8.22E-04	7.83E-04	2.78E-07	8.39E-07	4.86E-07	4.97E-07	4.51E-07	2.01E-07	1.96E-07	9.28E-09	2.24E-07	4.95E-08	6.75E-08	1.07E-07	1.84E-08	1.03E-07	5.79E-07
91	486533.18	3855743.15	7.99E-04	8.18E-04	7.80E-04	2.77E-07	8.36E-07	4.84E-07	4.95E-07	4.49E-07	2.00E-07	1.95E-07	9.24E-09	2.23E-07	4.93E-08	6.72E-08	1.07E-07	1.84E-08	1.02E-07	5.76E-07
92	486583.18	3855743.15	7.91E-04	8.10E-04	7.72E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	1.98E-07	1.93E-07	9.15E-09	2.21E-07	4.87E-08	6.65E-08	1.06E-07	1.82E-08	1.01E-07	5.70E-07
93	486633.18	3855743.15	7.87E-04	8.06E-04	7.68E-04	2.73E-07	8.23E-07	4.76E-07	4.88E-07	4.42E-07	1.97E-07	1.92E-07	9.10E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
94	486683.18	3855743.15	7.89E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.12E-09	2.20E-07	4.86E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07

95	486733.18	3855743.15	7.89E-04	8.08E-04	7.69E-04	2.73E-07	8.25E-07	4.77E-07	4.89E-07	4.43E-07	1.97E-07	1.93E-07	9.12E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
96	486783.18	3855743.15	7.95E-04	8.13E-04	7.75E-04	2.75E-07	8.31E-07	4.81E-07	4.92E-07	4.46E-07	1.99E-07	1.94E-07	9.19E-09	2.22E-07	4.90E-08	6.68E-08	1.06E-07	1.83E-08	1.02E-07	5.73E-07
97	486533.18	3855793.15	7.92E-04	8.11E-04	7.73E-04	2.74E-07	8.28E-07	4.79E-07	4.91E-07	4.45E-07	1.98E-07	1.93E-07	9.16E-09	2.21E-07	4.88E-08	6.66E-08	1.06E-07	1.82E-08	1.02E-07	5.71E-07
98	486583.18	3855793.15	7.81E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.38E-07	1.95E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
99	486633.18	3855793.15	7.82E-04	8.00E-04	7.63E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.04E-09	2.18E-07	4.82E-08	6.58E-08	1.04E-07	1.80E-08	1.00E-07	5.64E-07
100	486683.18	3855793.15	7.84E-04	8.03E-04	7.65E-04	2.71E-07	8.19E-07	4.74E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
101	486733.18	3855793.15	7.85E-04	8.03E-04	7.65E-04	2.72E-07	8.20E-07	4.75E-07	4.86E-07	4.41E-07	1.96E-07	1.92E-07	9.07E-09	2.19E-07	4.84E-08	6.60E-08	1.05E-07	1.80E-08	1.01E-07	5.66E-07
102	486783.18	3855793.15	7.86E-04	8.05E-04	7.67E-04	2.72E-07	8.22E-07	4.76E-07	4.87E-07	4.41E-07	1.97E-07	1.92E-07	9.09E-09	2.20E-07	4.84E-08	6.61E-08	1.05E-07	1.81E-08	1.01E-07	5.67E-07
103	486533.18	3855843.15	7.83E-04	8.02E-04	7.64E-04	2.71E-07	8.19E-07	4.74E-07	4.85E-07	4.40E-07	1.96E-07	1.91E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
104	486583.18	3855843.15	7.75E-04	7.93E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
105	486633.18	3855843.15	7.76E-04	7.94E-04	7.57E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.78E-08	9.94E-08	5.59E-07
106	486683.18	3855843.15	7.78E-04	7.96E-04	7.58E-04	2.69E-07	8.13E-07	4.70E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.96E-08	5.61E-07
107	486733.18	3855843.15	7.79E-04	7.97E-04	7.60E-04	2.70E-07	8.14E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.18E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.98E-08	5.62E-07
108	486783.18	3855843.15	7.80E-04	7.98E-04	7.61E-04	2.70E-07	8.15E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.90E-07	9.02E-09	2.18E-07	4.81E-08	6.56E-08	1.04E-07	1.79E-08	9.99E-08	5.62E-07
109	486533.18	3855893.15	7.72E-04	7.90E-04	7.53E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.33E-07	1.93E-07	1.88E-07	8.92E-09	2.16E-07	4.76E-08	6.49E-08	1.03E-07	1.77E-08	9.89E-08	5.57E-07
110	486583.18	3855893.15	7.71E-04	7.90E-04	7.52E-04	2.67E-07	8.06E-07	4.67E-07	4.78E-07	4.33E-07	1.93E-07	1.88E-07	8.92E-09	2.15E-07	4.75E-08	6.49E-08	1.03E-07	1.77E-08	9.88E-08	5.56E-07
111	486633.18	3855893.15	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.56E-07
112	486683.18	3855893.15	7.72E-04	7.90E-04	7.52E-04	2.67E-07	8.06E-07	4.67E-07	4.78E-07	4.33E-07	1.93E-07	1.88E-07	8.92E-09	2.15E-07	4.75E-08	6.49E-08	1.03E-07	1.77E-08	9.88E-08	5.56E-07
113	486733.18	3855893.15	7.73E-04	7.91E-04	7.54E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.93E-07	1.89E-07	8.93E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.77E-08	9.90E-08	5.57E-07
114	486783.18	3855893.15	7.75E-04	7.93E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
115	486533.18	3855943.15	7.67E-04	7.85E-04	7.48E-04	2.65E-07	8.01E-07	4.64E-07	4.75E-07	4.31E-07	1.92E-07	1.87E-07	8.86E-09	2.14E-07	4.72E-08	6.45E-08	1.02E-07	1.76E-08	9.82E-08	5.53E-07
116	486583.18	3855943.15	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.87E-07	8.88E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
117	486633.18	3855943.15	7.66E-04	7.84E-04	7.47E-04	2.65E-07	8.01E-07	4.64E-07	4.74E-07	4.30E-07	1.92E-07	1.87E-07	8.86E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.81E-08	5.52E-07
118	486683.18	3855943.15	7.67E-04	7.85E-04	7.48E-04	2.66E-07	8.02E-07	4.64E-07	4.75E-07	4.31E-07	1.92E-07	1.87E-07	8.87E-09	2.14E-07	4.73E-08	6.45E-08	1.02E-07	1.76E-08	9.83E-08	5.53E-07
119	486733.18	3855943.15	7.67E-04	7.85E-04	7.48E-04	2.66E-07	8.02E-07	4.64E-07	4.75E-07	4.31E-07	1.92E-07	1.87E-07	8.87E-09	2.14E-07	4.73E-08	6.45E-08	1.02E-07	1.76E-08	9.83E-08	5.53E-07
120	486783.18	3855943.15	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.93E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.55E-07
121	486533.18	3855993.15	7.65E-04	7.83E-04	7.46E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.79E-08	5.51E-07
122	486583.18	3855993.15	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.83E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.50E-07
123	486633.18	3855993.15	7.62E-04	7.80E-04	7.43E-04	2.64E-07	7.97E-07	4.61E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.81E-09	2.13E-07	4.70E-08	6.41E-08	1.02E-07	1.75E-08	9.77E-08	5.50E-07
124	486683.18	3855993.15	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.97E-07	4.62E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.82E-09	2.13E-07	4.70E-08	6.41E-08	1.02E-07	1.75E-08	9.77E-08	5.50E-07
125	486733.18	3855993.15	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.97E-07	4.61E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.81E-09	2.13E-07	4.70E-08	6.41E-08	1.02E-07	1.75E-08	9.77E-08	5.50E-07
126	486783.18	3855993.15	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.83E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.50E-07
127	486533.18	3856043.15	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.97E-07	4.61E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.81E-09	2.13E-07	4.70E-08	6.41E-08	1.02E-07	1.75E-08	9.77E-08	5.50E-07
128	486583.18	3856043.15	7.62E-04	7.80E-04	7.43E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.81E-09	2.13E-07	4.69E-08	6.41E-08	1.02E-07	1.75E-08	9.76E-08	5.49E-07
129	486633.18	3856043.15	7.59E-04	7.77E-04	7.41E-04	2.63E-07	7.94E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.78E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.74E-08	9.73E-08	5.47E-07
130	486683.18	3856043.15	7.60E-04	7.78E-04	7.41E-04	2.63E-07	7.94E-07	4.60E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.78E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.74E-08	9.73E-08	5.48E-07
131	486733.18	3856043.15	7.58E-04	7.76E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.74E-08	9.71E-08	5.47E-07
132	486783.18	3856043.15	7.60E-04	7.78E-04	7.41E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.75E-08	9.74E-08	5.48E-07
133	486533.18	3856093.15	7.62E-04	7.80E-04	7.43E-04	2.64E-07	7.97E-07	4.61E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.81E-09	2.13E-07	4.70E-08	6.41E-08	1.02E-07	1.75E-08	9.76E-08	5.49E-07
134	486583.18	3856093.15	7.60E-04	7.78E-04	7.41E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.85E-07	8.78E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.75E-08	9.73E-08	5.48E-07
135	486633.18	3856093.15	7.58E-04	7.75E-04	7.39E-04	2.62E-07	7.92E-07	4.58E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
136	486683.18	3856093.15	7.57E-04	7.75E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.89E-07	1.85E-07	8.75E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.70E-08	5.46E-07
137	486733.18	3856093.15	7.56E-04	7.73E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.66E-08	6.35E-08	1.01E-07	1.74E-08	9.68E-08	5.45E-07
138	486783.18	3856093.15	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.68E-08	5.45E-07
139	486533.18	3856143.15	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.61E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.80E-09	2.13E-07	4.69E-08	6.40E-08	1.02E-07	1.75E-08	9.75E-08	5.49E-07
140	486583.18	3856143.15	7.58E-04	7.76E-04	7.39E-04	2.62E-07	7.92E-07	4.59E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
141	486633.18	3856143.15	7.56E-04	7.74E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
142	486683.18	3856143.15	7.55E-04	7.72E-04	7.36E-04	2.61E-07	7.89E-07	4.57E-07	4.67E-07	4.24E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.67E-08	5.44E-07
143	486733.18	3856143.15	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
144	486783.18	3856143.15	7.55E-04	7.72E-04	7.36E-04	2.61E-07	7.89E-07	4.57E-07	4.67E-07	4.24E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.67E-08	5.44E-07
145	486533.18	3856193.15	7.61E-04	7.79E-04	7.43E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.27E-07	1.91E-07	1.86E-07	8.80E-09	2.13E-07	4.69E-08	6.40E-08	1.02E-07	1.75E-08	9.75E-08	5.49E-07
146	486583.18	3856193.15	7.57E-04	7.75E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.89E-07	1.85E-07	8.75E-09	2.11E-07	4.66E-08	6.37E-08	1.01E-07	1.74E-08	9.70E-08	5.46E-07
147	486633.18	3856193.15	7.56E-04	7.73E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.66E-08	6.35E-08	1.01E-07	1.74E-08	9.68E-08	5.45E-07
148	486683.18	3856193.15	7.55E-04	7.73E-04	7.36E-04	2.61E-07	7.89E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.67E-08	5.44E-07
149	486733.18	3856193.15	7.53E-04	7.70E-04	7.34E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.43E-07
150	486783.18	3856193.15	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
151	486533.18	3856243.15	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.69E-08	6.40E-08	1.01E-07	1.75E-08	9.74E-08	5.48E-07
152	486583.18	3856243.15	7.58E-04	7.76E-04	7.39E-04	2.62E-07	7.92E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.47E-07
153	486633.18	3856243.15	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.68E-08	5.45E-07
154	486683.18	3856243.15	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
155	486733.18	3856243.15	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
156	486783.18	3856243.15	7.52E-04	7.70E-04	7.33E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.84E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
157	486533.18	3856293.15	7.60E-04	7.78E-04	7.41E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.75E-08	9.74E-08	5.48E-07
158	486583.18	3856293.15	7.58E-04	7.76E-04	7.39E-04	2.62E-07	7.92E-07	4.59E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
159	486633.18	3856293.15	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
160	486683.18	3856293.15	7.54E-04	7.72E-04	7.36E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
161	486733.18	3856293.15	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
162	486783.18	3856293.15	7.52E-04	7.70E-04	7.34E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.84E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
163	486783.18	3856343.15	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
164	486833.18	3856343.15	7.53E-04	7.70E-04	7.34E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.43E-07
165	486883.18	3856343.15	7.52E-04	7.69E-04	7.33E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.83E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
166	486783.18	3856393.15	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
167	486833.18	3856393.15	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
168	486883.18	3856393.15	7.51E-04	7.69E-04	7.32E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.63E-08	6.31E-08	1.00E-07	1.72E-08	9.62E-08	5.41E-07
169	487208.74	3856886.11	7.70E-04	7.88E-04	7.51E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.74E-08	6.48E-08	1.03E-07	1.77E-08	9.86E-08	5.55E-07
170	487258.74	3856886.11	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.92E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.54E-07
171	487308.74	3856886.11	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.87E-07	8.88E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
172	487358.74	3856886.11	7.66E-04	7.84E-04	7.47E-04	2.65E-07	8.01E-07	4.64E-07	4.74E-07	4.30E-07	1.92E-07	1.87E-07	8.86E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.81E-08	5.52E-07
173	487208.74	3856936.11	7.74E-04	7.92E-04	7.55E-04	2.68E-07	8.09E-07	4.68E-07	4.79E-07	4.34E-07	1.94E-07	1.89E-07	8.94E-09	2.16E-07	4.77E-08	6.51E-08	1.03E-07	1.78E-08	9.91E-08	5.58E-07
174	487258.74	3856936.11	7.74E-04	7.92E-04	7.54E-04	2.68E-07	8.09E-07	4.68E-07	4.79E-07	4.34E-07	1.94E-07	1.89E-07	8.94E-09	2.16E-07	4.77E-08	6.50E-08	1.03E-07	1.78E-08	9.91E-08	5.58E-07
175	487308.74	3856936.11	7.73E-04	7.91E-04	7.54E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.93E-07	1.89E-07	8.94E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.78E-08	9.90E-08	5.57E-07
176	487358.74	3856936.11	7.72E-04	7.90E-04	7.53E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.33E-07	1.93E-07	1.88E-07	8.92E-09	2.15E-07	4.76E-08	6.49E-08	1.03E-07	1.77E-08	9.89E-08	5.56E-07
177	487208.74	3856986.11	7.76E-04	7.95E-04	7.57E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.78E-08	9.94E-08	5.60E-07
178	487258.74	3856986.11	7.79E-04	7.97E-04	7.59E-04	2.69E-07	8.14E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.17E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.97E-08	5.61E-07
179	487308.74	3856986.11	7.78E-04	7.97E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.17E-07	4.80E-08	6.54E-08	1.04E-07	1.79E-08	9.97E-08	5.61E-07
180	487358.74	3856986.11	7.78E-04	7.97E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.17E-07	4.80E-08	6.54E-08	1.04E-07	1.79E-08	9.97E-08	5.61E-07
181	487208.74	3857036.11	7.79E-04	7.97E-04	7.59E-04	2.69E-07	8.14E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.17E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.97E-08	5.61E-07
182	487258.74	3857036.11	7.82E-04	8.00E-04	7.62E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.04E-09	2.18E-07	4.82E-08	6.57E-08	1.04E-07	1.80E-08	1.00E-07	5.64E-07
183	487308.74	3857036.11	7.84E-04	8.03E-04	7.65E-04	2.71E-07	8.20E-07	4.75E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.07E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
184	487358.74	3857036.11	7.85E-04	8.04E-04	7.66E-04	2.72E-07	8.20E-07	4.75E-07	4.86E-07	4.41E-07	1.96E-07	1.92E-07	9.07E-09	2.19E-07	4.84E-08	6.60E-08	1.05E-07	1.80E-08	1.01E-07	5.66E-07
185	487427.14	3856878.23	7.65E-04	7.83E-04	7.46E-04	2.65E-07	8.00E-07	4.63E-07	4.74E-07	4.30E-07	1.91E-07	1.87E-07	8.84E-09	2.14E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.80E-08	5.52E-07
186	487477.14	3856878.23	7.65E-04	7.83E-04	7.46E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.14E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.80E-08	5.51E-07
187	487527.14	3856878.23	7.65E-04	7.83E-04	7.46E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.79E-08	5.51E-07
188	487427.14	3856928.23	7.70E-04	7.88E-04	7.51E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.55E-07
189	487477.14	3856928.23	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.92E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.54E-07
190	487527.14	3856928.23	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.92E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.54E-07
191	487577.14	3856928.23	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.93E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.55E-07
192	487627.14	3856928.23	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.92E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.46E-08	1.03E-07	1.77E-08	9.85E-08	5.54E-07
193	487677.14	3856928.23	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.06E-07	4.66E-07	4.77E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.56E-07
194	487727.14	3856928.23	7.74E-04	7.92E-04	7.54E-04	2.68E-07	8.09E-07	4.68E-07	4.79E-07	4.34E-07	1.94E-07	1.89E-07	8.94E-09	2.16E-07	4.77E-08	6.50E-08	1.03E-07	1.78E-08	9.91E-08	5.58E-07
195	487777.14	3856928.23	7.76E-04	7.94E-04	7.56E-04	2.68E-07	8.11E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07

196	487427.14	3856978.23	7.76E-04	7.94E-04	7.57E-04	2.69E-07	8.11E-07	4.69E-07	4.80E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.94E-08	5.59E-07
197	487477.14	3856978.23	7.76E-04	7.94E-04	7.56E-04	2.68E-07	8.11E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
198	487527.14	3856978.23	7.75E-04	7.94E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
199	487577.14	3856978.23	7.75E-04	7.93E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
200	487627.14	3856978.23	7.74E-04	7.92E-04	7.55E-04	2.68E-07	8.09E-07	4.68E-07	4.79E-07	4.35E-07	1.94E-07	1.89E-07	8.95E-09	2.16E-07	4.77E-08	6.51E-08	1.03E-07	1.78E-08	9.92E-08	5.58E-07
201	487677.14	3856978.23	7.76E-04	7.94E-04	7.56E-04	2.68E-07	8.11E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
202	487727.14	3856978.23	7.74E-04	7.93E-04	7.55E-04	2.68E-07	8.09E-07	4.68E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.95E-09	2.16E-07	4.77E-08	6.51E-08	1.03E-07	1.78E-08	9.92E-08	5.58E-07
203	487777.14	3856978.23	7.81E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.91E-07	9.02E-09	2.18E-07	4.81E-08	6.56E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
204	487427.14	3857028.23	7.83E-04	8.02E-04	7.64E-04	2.71E-07	8.19E-07	4.74E-07	4.85E-07	4.40E-07	1.96E-07	1.91E-07	9.05E-09	2.19E-07	4.83E-08	6.59E-08	1.04E-07	1.80E-08	1.00E-07	5.65E-07
205	487477.14	3857028.23	7.83E-04	8.01E-04	7.63E-04	2.71E-07	8.18E-07	4.74E-07	4.85E-07	4.39E-07	1.96E-07	1.91E-07	9.05E-09	2.19E-07	4.82E-08	6.58E-08	1.04E-07	1.80E-08	1.00E-07	5.64E-07
206	487527.14	3857028.23	7.82E-04	8.00E-04	7.62E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.04E-09	2.18E-07	4.82E-08	6.57E-08	1.04E-07	1.80E-08	1.00E-07	5.64E-07
207	487577.14	3857028.23	7.82E-04	8.00E-04	7.62E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.03E-09	2.18E-07	4.82E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
208	487627.14	3857028.23	7.80E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.90E-07	9.02E-09	2.18E-07	4.81E-08	6.56E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
209	487677.14	3857028.23	7.81E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.38E-07	1.95E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
210	487727.14	3857028.23	7.83E-04	8.01E-04	7.64E-04	2.71E-07	8.18E-07	4.74E-07	4.85E-07	4.40E-07	1.96E-07	1.91E-07	9.05E-09	2.19E-07	4.82E-08	6.58E-08	1.04E-07	1.80E-08	1.00E-07	5.65E-07
211	487777.14	3857028.23	7.85E-04	8.04E-04	7.66E-04	2.72E-07	8.20E-07	4.75E-07	4.86E-07	4.41E-07	1.96E-07	1.92E-07	9.07E-09	2.19E-07	4.84E-08	6.60E-08	1.05E-07	1.80E-08	1.01E-07	5.66E-07
212	487427.14	3857078.23	7.90E-04	8.09E-04	7.71E-04	2.74E-07	8.26E-07	4.78E-07	4.90E-07	4.44E-07	1.98E-07	1.93E-07	9.14E-09	2.21E-07	4.87E-08	6.65E-08	1.05E-07	1.82E-08	1.01E-07	5.70E-07
213	487477.14	3857078.23	7.90E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.13E-09	2.21E-07	4.87E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
214	487527.14	3857078.23	7.89E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.13E-09	2.20E-07	4.86E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
215	487577.14	3857078.23	7.89E-04	8.07E-04	7.69E-04	2.73E-07	8.24E-07	4.77E-07	4.89E-07	4.43E-07	1.97E-07	1.93E-07	9.12E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
216	487627.14	3857078.23	7.88E-04	8.07E-04	7.69E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.42E-07	1.97E-07	1.92E-07	9.11E-09	2.20E-07	4.85E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
217	487677.14	3857078.23	7.88E-04	8.07E-04	7.69E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.42E-07	1.97E-07	1.92E-07	9.11E-09	2.20E-07	4.85E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
218	487727.14	3857078.23	7.89E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.12E-09	2.20E-07	4.86E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
219	487777.14	3857078.23	7.90E-04	8.09E-04	7.70E-04	2.73E-07	8.26E-07	4.78E-07	4.89E-07	4.44E-07	1.98E-07	1.93E-07	9.13E-09	2.21E-07	4.87E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.70E-07
220	487427.14	3857128.23	7.98E-04	8.17E-04	7.78E-04	2.76E-07	8.34E-07	4.83E-07	4.94E-07	4.48E-07	2.00E-07	1.95E-07	9.22E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
221	487477.14	3857128.23	7.97E-04	8.16E-04	7.78E-04	2.76E-07	8.33E-07	4.83E-07	4.94E-07	4.48E-07	2.00E-07	1.95E-07	9.22E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
222	487527.14	3857128.23	7.97E-04	8.16E-04	7.77E-04	2.76E-07	8.33E-07	4.82E-07	4.93E-07	4.47E-07	1.99E-07	1.94E-07	9.21E-09	2.22E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.74E-07
223	487577.14	3857128.23	7.96E-04	8.15E-04	7.77E-04	2.76E-07	8.32E-07	4.82E-07	4.93E-07	4.47E-07	1.99E-07	1.94E-07	9.21E-09	2.22E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.74E-07
224	487627.14	3857128.23	7.96E-04	8.15E-04	7.77E-04	2.76E-07	8.32E-07	4.82E-07	4.93E-07	4.47E-07	1.99E-07	1.94E-07	9.20E-09	2.22E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.74E-07
225	487677.14	3857128.23	7.95E-04	8.14E-04	7.76E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.46E-07	1.99E-07	1.94E-07	9.19E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.83E-08	1.02E-07	5.73E-07
226	487727.14	3857128.23	7.97E-04	8.16E-04	7.77E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.47E-07	1.99E-07	1.95E-07	9.21E-09	2.23E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
227	487777.14	3857128.23	7.97E-04	8.16E-04	7.77E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.47E-07	1.99E-07	1.95E-07	9.21E-09	2.23E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
228	488049.44	3856539.39	7.55E-04	7.73E-04	7.36E-04	2.61E-07	7.89E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.67E-08	5.44E-07
229	488099.44	3856539.39	7.52E-04	7.70E-04	7.34E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.42E-07
230	488149.44	3856539.39	7.51E-04	7.69E-04	7.33E-04	2.60E-07	7.85E-07	4.55E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
231	488049.44	3856589.39	7.56E-04	7.74E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
232	488099.44	3856589.39	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
233	488149.44	3856589.39	7.52E-04	7.70E-04	7.34E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.42E-07
234	488199.44	3856589.39	7.50E-04	7.68E-04	7.31E-04	2.60E-07	7.84E-07	4.54E-07	4.64E-07	4.21E-07	1.88E-07	1.83E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.72E-08	9.61E-08	5.41E-07
235	488249.44	3856589.39	7.51E-04	7.69E-04	7.32E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.63E-08	6.31E-08	1.00E-07	1.72E-08	9.62E-08	5.41E-07
236	488049.44	3856639.39	7.58E-04	7.76E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.74E-08	9.71E-08	5.47E-07
237	488099.44	3856639.39	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.68E-08	5.45E-07
238	488149.44	3856639.39	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.43E-07
239	488199.44	3856639.39	7.53E-04	7.71E-04	7.34E-04	2.61E-07	7.87E-07	4.56E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.43E-07
240	488249.44	3856639.39	7.52E-04	7.69E-04	7.33E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.83E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
241	488299.44	3856639.39	7.50E-04	7.68E-04	7.32E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.88E-07	1.83E-07	8.67E-09	2.10E-07	4.62E-08	6.31E-08	1.00E-07	1.72E-08	9.61E-08	5.41E-07
242	488349.44	3856639.39	7.49E-04	7.66E-04	7.30E-04	2.59E-07	7.82E-07	4.53E-07	4.64E-07	4.20E-07	1.87E-07	1.83E-07	8.65E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.72E-08	9.59E-08	5.40E-07
243	488399.44	3856639.39	7.49E-04	7.67E-04	7.30E-04	2.59E-07	7.83E-07	4.53E-07	4.64E-07	4.20E-07	1.87E-07	1.83E-07	8.66E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.72E-08	9.59E-08	5.40E-07
244	488099.44	3856689.39	7.59E-04	7.77E-04	7.41E-04	2.63E-07	7.94E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.78E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.74E-08	9.73E-08	5.47E-07
245	488149.44	3856689.39	7.57E-04	7.74E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.89E-07	1.85E-07	8.75E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
246	488199.44	3856689.39	7.55E-04	7.73E-04	7.37E-04	2.61E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.68E-08	5.45E-07
247	488249.44	3856689.39	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
248	488299.44	3856689.39	7.53E-04	7.71E-04	7.34E-04	2.61E-07	7.87E-07	4.56E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.43E-07
249	488349.44	3856689.39	7.51E-04	7.69E-04	7.32E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.63E-08	6.31E-08	1.00E-07	1.72E-08	9.62E-08	5.41E-07
250	488399.44	3856689.39	7.48E-04	7.65E-04	7.29E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.87E-07	1.82E-07	8.64E-09	2.09E-07	4.61E-08	6.29E-08	9.97E-08	1.72E-08	9.58E-08	5.39E-07
251	488099.44	3856739.39	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.99E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.87E-07	8.83E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.75E-08	9.79E-08	5.51E-07
252	488149.44	3856739.39	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.69E-08	6.40E-08	1.01E-07	1.75E-08	9.74E-08	5.48E-07
253	488199.44	3856739.39	7.60E-04	7.78E-04	7.41E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.85E-07	8.78E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.75E-08	9.73E-08	5.48E-07
254	488249.44	3856739.39	7.57E-04	7.75E-04	7.39E-04	2.62E-07	7.92E-07	4.58E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.75E-09	2.11E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.70E-08	5.46E-07
255	488299.44	3856739.39	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
256	488349.44	3856739.39	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
257	488399.44	3856739.39	7.55E-04	7.73E-04	7.36E-04	2.61E-07	7.89E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.67E-08	5.44E-07
258	487999.44	3856789.39	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.56E-07
259	488049.44	3856789.39	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.92E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.46E-08	1.03E-07	1.77E-08	9.85E-08	5.54E-07
260	488099.44	3856789.39	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.87E-07	8.88E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
261	488149.44	3856789.39	7.65E-04	7.83E-04	7.46E-04	2.65E-07	8.00E-07	4.63E-07	4.74E-07	4.30E-07	1.92E-07	1.87E-07	8.85E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.80E-08	5.52E-07
262	488199.44	3856789.39	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.83E-09	2.13E-07	4.71E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.51E-07
263	488249.44	3856789.39	7.62E-04	7.80E-04	7.43E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.80E-09	2.13E-07	4.69E-08	6.40E-08	1.02E-07	1.75E-08	9.76E-08	5.49E-07
264	488299.44	3856789.39	7.58E-04	7.76E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.74E-08	9.71E-08	5.47E-07
265	488349.44	3856789.39	7.59E-04	7.77E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.68E-08	6.38E-08	1.01E-07	1.74E-08	9.72E-08	5.47E-07
266	488399.44	3856789.39	7.59E-04	7.77E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.74E-08	9.72E-08	5.47E-07
267	487949.44	3856839.39	7.76E-04	7.94E-04	7.56E-04	2.68E-07	8.11E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
268	487999.44	3856839.39	7.75E-04	7.93E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
269	488049.44	3856839.39	7.73E-04	7.92E-04	7.54E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.94E-07	1.89E-07	8.94E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.78E-08	9.91E-08	5.58E-07
270	488099.44	3856839.39	7.72E-04	7.90E-04	7.53E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.33E-07	1.93E-07	1.88E-07	8.92E-09	2.16E-07	4.76E-08	6.49E-08	1.03E-07	1.77E-08	9.89E-08	5.57E-07
271	488149.44	3856839.39	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.06E-07	4.66E-07	4.77E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.56E-07
272	488199.44	3856839.39	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.93E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.55E-07
273	487949.44	3856889.39	7.79E-04	7.97E-04	7.60E-04	2.70E-07	8.14E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.17E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.98E-08	5.61E-07
274	487999.44	3856889.39	7.80E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.90E-07	9.02E-09	2.18E-07	4.81E-08	6.56E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
275	488049.44	3856889.39	7.78E-04	7.96E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.96E-08	5.61E-07
276	488099.44	3856889.39	7.78E-04	7.96E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.96E-08	5.61E-07
277	488635.86	3857895.05	1.14E-03	1.17E-03	1.11E-03	3.96E-07	1.19E-06	6.92E-07	7.08E-07	6.42E-07	2.86E-07	2.79E-07	1.32E-08	3.19E-07	7.04E-08	9.61E-08	1.52E-07	2.63E-08	1.46E-07	8.24E-07
278	489137.64	3857804.15	1.06E-03	1.08E-03	1.03E-03	3.67E-07	1.11E-06	6.41E-07	6.56E-07	5.95E-07	2.65E-07	2.59E-07	1.22E-08	2.96E-07	6.53E-08	8.91E-08	1.41E-07	2.43E-08	1.36E-07	7.64E-07
279	488617.32	3857859.41	1.11E-03	1.14E-03	1.09E-03	3.85E-07	1.16E-06	6.74E-07	6.90E-07	6.25E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.56E-08	1.43E-07	8.03E-07
280	488667.32	3857859.41	1.12E-03	1.14E-03	1.09E-03	3.86E-07	1.17E-06	6.75E-07	6.91E-07	6.26E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.56E-08	1.43E-07	8.04E-07
281	488717.32	3857859.41	1.12E-03	1.15E-03	1.09E-03	3.88E-07	1.17E-06	6.78E-07	6.94E-07	6.29E-07	2.80E-07	2.73E-07	1.30E-08	3.13E-07	6.90E-08	9.42E-08	1.49E-07	2.57E-08	1.44E-07	8.08E-07
282	488767.32	3857859.41	1.13E-03	1.16E-03	1.10E-03	3.91E-07	1.18E-06	6.83E-07	7.00E-07	6.34E-07	2.83E-07	2.76E-07	1.31E-08	3.15E-07	6.96E-08	9.50E-08	1.51E-07	2.59E-08	1.45E-07	8.14E-07
283	488617.32	3857909.41	1.15E-03	1.18E-03	1.13E-03	4.00E-07	1.21E-06	6.98E-07	7.15E-07	6.48E-07	2.89E-07	2.82E-07	1.33E-08	3.22E-07	7.11E-08	9.71E-08	1.54E-07	2.65E-08	1.48E-07	8.32E-07
284	488667.32	3857909.41	1.17E-03	1.19E-03	1.14E-03	4.04E-07	1.22E-06	7.06E-07	7.23E-07	6.55E-07	2.92E-07	2.85E-07	1.35E-08	3.26E-07	7.19E-08	9.81E-08	1.56E-07	2.68E-08	1.49E-07	8.41E-07
285	488717.32	3857909.41	1.16E-03	1.19E-03	1.13E-03	4.02E-07	1.21E-06	7.03E-07	7.19E-07	6.52E-07	2.91E-07	2.83E-07	1.34E-08	3.24E-07	7.15E-08	9.76E-08	1.55E-07	2.67E-08	1.49E-07	8.37E-07
286	488767.32	3857909.41	1.17E-03	1.20E-03	1.14E-03	4.06E-07	1.23E-06	7.09E-07	7.26E-07	6.58E-07	2.93E-07	2.86E-07	1.36E-08	3.27E-07	7.22E-08	9.86E-08	1.56E-07	2.69E-08	1.50E-07	8.45E-07
287	488417.32	3857959.41	1.19E-03	1.22E-03	1.16E-03	4.11E-07	1.24E-06	7.19E-07	7.36E-07	6.67E-07	2.97E-07	2.90E-07	1.37E-08	3.32E-07	7.32E-08	9.99E-08	1.59E-07	2.73E-08	1.52E-07	8.57E-07
288	488467.32	3857959.41	1.19E-03	1.22E-03	1.16E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.69E-07	2.98E-07	2.91E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.74E-08	1.53E-07	8.60E-07
289	488517.32	3857959.41	1.20E-03	1.23E-03	1.17E-03	4.14E-07	1.25E-06	7.24E-07	7.41E-07	6.72E-07	3.00E-07	2.92E-07	1.38E-08	3.34E-07	7.38E-08	1.01E-07	1.60E-07	2.75E-08	1.53E-07	8.63E-07
290	488567.32	3857959.41	1.20E-03	1.23E-03	1.17E-03	4.16E-07	1.25E-06	7.26E-07	7.43E-07	6.74E-07	3.00E-07	2.93E-07	1.39E-08	3.35E-07	7.40E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.65E-07
291	488617.32	3857959.41	1.20E-03	1.23E-03	1.17E-03	4.16E-07	1.26E-06	7.28E-07	7.45E-07	6.75E-07	3.01E-07	2.94E-07	1.39E-08	3.36E-07	7.41E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.67E-07
292	488667.32	3857959.41	1.21E-03	1.23E-03	1.18E-03	4.18E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.02E-07	2.94E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.77E-08	1.55E-07	8.70E-07
293	488717.32	3857959.41	1.21E-03	1.24E-03	1.18E-03	4.20E-07	1.27E-06	7.33E-07	7.51E-07	6.81E-07	3.03E-07	2.96E-07	1.40E-08	3.38E-07	7.47E-08	1.02E-07	1.62E-07	2.78E-08	1.55E-07	8.74E-07
294	488767.32	3857959.41	1.22E-03	1.25E-03	1.19E-03	4.21E-07	1.27E-06	7.36E-07	7.54E-07	6.83E-07	3.05E-07	2.97E-07	1.41E-08	3.40E-07	7.50E-08	1.02E-07	1.62E-07	2.79E-08	1.56E-07	8.77E-07
295	488417.32	3858009.41	1.24E-03	1.27E-03	1.21E-03	4.28E-07	1.29E-06	7.48E-07	7.66E-07	6.94E-07	3.09E-07	3.02E-07	1.43E-08	3.45E-07	7.62E-08	1.04E-07	1.65E-07	2.84E-08	1.58E-07	8.91E-07
296	488467.32	3858009.41	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.52E-07	7.70E-07	6.98E-07	3.11E-07	3.04E-07	1.44E-08	3.47E-07	7.66E-08	1.05E-07	1.66E-07	2.86E-08	1.59E-07	8.96E-07

297	488517.32	3858009.41	1.25E-03	1.28E-03	1.22E-03	4.31E-07	1.30E-06	7.54E-07	7.72E-07	7.00E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.98E-07
298	488567.32	3858009.41	1.25E-03	1.28E-03	1.22E-03	4.33E-07	1.31E-06	7.56E-07	7.74E-07	7.02E-07	3.13E-07	3.05E-07	1.44E-08	3.49E-07	7.70E-08	1.05E-07	1.67E-07	2.87E-08	1.60E-07	9.01E-07
299	488617.32	3858009.41	1.25E-03	1.28E-03	1.22E-03	4.33E-07	1.31E-06	7.57E-07	7.75E-07	7.02E-07	3.13E-07	3.05E-07	1.45E-08	3.49E-07	7.71E-08	1.05E-07	1.67E-07	2.87E-08	1.60E-07	9.02E-07
300	488667.32	3858009.41	1.25E-03	1.28E-03	1.22E-03	4.34E-07	1.31E-06	7.58E-07	7.76E-07	7.04E-07	3.14E-07	3.06E-07	1.45E-08	3.50E-07	7.72E-08	1.05E-07	1.67E-07	2.88E-08	1.61E-07	9.04E-07
301	488717.32	3858009.41	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.61E-07	7.79E-07	7.07E-07	3.15E-07	3.07E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.07E-07
302	488767.32	3858009.41	1.26E-03	1.29E-03	1.23E-03	4.37E-07	1.32E-06	7.65E-07	7.83E-07	7.09E-07	3.16E-07	3.08E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.90E-08	1.62E-07	9.11E-07
303	488417.32	3858059.41	1.29E-03	1.32E-03	1.26E-03	4.46E-07	1.35E-06	7.80E-07	7.99E-07	7.24E-07	3.23E-07	3.15E-07	1.49E-08	3.60E-07	7.95E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.30E-07
304	488467.32	3858059.41	1.30E-03	1.33E-03	1.26E-03	4.49E-07	1.36E-06	7.84E-07	8.03E-07	7.28E-07	3.24E-07	3.16E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.73E-07	2.98E-08	1.66E-07	9.35E-07
305	488517.32	3858059.41	1.30E-03	1.33E-03	1.27E-03	4.50E-07	1.36E-06	7.87E-07	8.06E-07	7.31E-07	3.26E-07	3.18E-07	1.50E-08	3.63E-07	8.02E-08	1.09E-07	1.74E-07	2.99E-08	1.67E-07	9.38E-07
306	488567.32	3858059.41	1.30E-03	1.33E-03	1.27E-03	4.51E-07	1.36E-06	7.89E-07	8.07E-07	7.32E-07	3.26E-07	3.18E-07	1.51E-08	3.64E-07	8.03E-08	1.10E-07	1.74E-07	2.99E-08	1.67E-07	9.40E-07
307	488617.32	3858059.41	1.31E-03	1.34E-03	1.27E-03	4.52E-07	1.37E-06	7.90E-07	8.09E-07	7.33E-07	3.27E-07	3.19E-07	1.51E-08	3.65E-07	8.05E-08	1.10E-07	1.74E-07	3.00E-08	1.67E-07	9.42E-07
308	488667.32	3858059.41	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.28E-07	3.20E-07	1.51E-08	3.65E-07	8.07E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.44E-07
309	488417.32	3858109.41	1.34E-03	1.37E-03	1.31E-03	4.65E-07	1.40E-06	8.12E-07	8.31E-07	7.54E-07	3.36E-07	3.28E-07	1.55E-08	3.75E-07	8.27E-08	1.13E-07	1.79E-07	3.08E-08	1.72E-07	9.68E-07
310	488467.32	3858109.41	1.35E-03	1.38E-03	1.32E-03	4.68E-07	1.41E-06	8.19E-07	8.38E-07	7.60E-07	3.39E-07	3.30E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.80E-07	3.11E-08	1.73E-07	9.75E-07
311	488517.32	3858109.41	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.23E-07	8.43E-07	7.64E-07	3.41E-07	3.32E-07	1.57E-08	3.80E-07	8.38E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.81E-07
312	488567.32	3858109.41	1.36E-03	1.40E-03	1.33E-03	4.72E-07	1.42E-06	8.25E-07	8.44E-07	7.65E-07	3.41E-07	3.33E-07	1.58E-08	3.81E-07	8.40E-08	1.15E-07	1.82E-07	3.13E-08	1.75E-07	9.83E-07
313	488617.32	3858109.41	1.37E-03	1.40E-03	1.33E-03	4.73E-07	1.43E-06	8.27E-07	8.47E-07	7.67E-07	3.42E-07	3.34E-07	1.58E-08	3.82E-07	8.42E-08	1.15E-07	1.82E-07	3.14E-08	1.75E-07	9.85E-07
314	488667.32	3858109.41	1.37E-03	1.40E-03	1.33E-03	4.74E-07	1.43E-06	8.28E-07	8.48E-07	7.68E-07	3.43E-07	3.34E-07	1.58E-08	3.82E-07	8.43E-08	1.15E-07	1.83E-07	3.14E-08	1.75E-07	9.87E-07
315	488769.93	3858449.27	2.11E-03	2.16E-03	2.06E-03	7.31E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.28E-07	5.15E-07	2.44E-08	5.89E-07	1.30E-07	1.77E-07	2.82E-07	4.85E-08	2.70E-07	1.52E-06
316	488819.93	3858449.27	2.12E-03	2.17E-03	2.07E-03	7.35E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.32E-07	5.18E-07	2.46E-08	5.93E-07	1.31E-07	1.79E-07	2.83E-07	4.88E-08	2.72E-07	1.53E-06
317	488819.93	3858499.27	2.33E-03	2.38E-03	2.27E-03	8.05E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.82E-07	5.68E-07	2.69E-08	6.50E-07	1.43E-07	1.96E-07	3.10E-07	5.34E-08	2.98E-07	1.68E-06
318	488869.93	3858499.27	2.33E-03	2.39E-03	2.28E-03	8.08E-07	2.44E-06	1.41E-06	1.45E-06	1.31E-06	5.84E-07	5.70E-07	2.70E-08	6.52E-07	1.44E-07	1.96E-07	3.11E-07	5.36E-08	2.99E-07	1.68E-06
319	488869.93	3858549.27	2.59E-03	2.65E-03	2.53E-03	8.97E-07	2.71E-06	1.57E-06	1.60E-06	1.45E-06	6.48E-07	6.32E-07	2.99E-08	7.23E-07	1.60E-07	2.18E-07	3.45E-07	5.95E-08	3.32E-07	1.87E-06
320	489438.17	3859571.48	9.16E-03	9.38E-03	8.94E-03	3.17E-06	9.58E-06	5.54E-06	5.67E-06	5.14E-06	2.29E-06	2.24E-06	1.06E-07	2.56E-06	5.64E-07	7.70E-07	1.22E-06	2.10E-07	1.17E-06	6.60E-06
321	489488.17	3859571.48	9.98E-03	1.02E-02	9.73E-03	3.45E-06	1.04E-05	6.04E-06	6.18E-06	5.60E-06	2.50E-06	2.44E-06	1.15E-07	2.79E-06	6.15E-07	8.39E-07	1.33E-06	2.29E-07	1.28E-06	7.19E-06
322	489538.17	3859571.48	1.09E-02	1.12E-02	1.07E-02	3.78E-06	1.14E-05	6.61E-06	6.77E-06	6.13E-06	2.73E-06	2.67E-06	1.26E-07	3.05E-06	6.73E-07	9.19E-07	1.46E-06	2.51E-07	1.40E-06	7.88E-06
323	489588.17	3859571.48	1.20E-02	1.22E-02	1.17E-02	4.14E-06	1.25E-05	7.24E-06	7.41E-06	6.72E-06	2.99E-06	2.92E-06	1.38E-07	3.34E-06	7.37E-07	1.01E-06	1.60E-06	2.75E-07	1.53E-06	8.62E-06
324	489438.17	3859621.48	8.06E-03	8.25E-03	7.86E-03	2.79E-06	8.42E-06	4.87E-06	4.99E-06	4.52E-06	2.02E-06	1.97E-06	9.31E-08	2.25E-06	4.96E-07	6.77E-07	1.07E-06	1.85E-07	1.03E-06	5.81E-06
325	489488.17	3859621.48	8.68E-03	8.88E-03	8.46E-03	3.00E-06	9.07E-06	5.25E-06	5.38E-06	4.87E-06	2.17E-06	2.12E-06	1.00E-07	2.42E-06	5.35E-07	7.30E-07	1.16E-06	1.99E-07	1.11E-06	6.26E-06
326	489538.17	3859621.48	9.40E-03	9.62E-03	9.17E-03	3.25E-06	9.83E-06	5.69E-06	5.82E-06	5.28E-06	2.35E-06	2.30E-06	1.09E-07	2.63E-06	5.79E-07	7.91E-07	1.25E-06	2.16E-07	1.20E-06	6.78E-06
327	489588.17	3859621.48	1.03E-02	1.05E-02	1.00E-02	3.56E-06	1.07E-05	6.22E-06	6.37E-06	5.77E-06	2.57E-06	2.51E-06	1.19E-07	2.87E-06	6.33E-07	8.64E-07	1.37E-06	2.36E-07	1.32E-06	7.41E-06
328	489238.17	3859671.48	5.61E-03	5.74E-03	5.47E-03	1.94E-06	5.86E-06	3.39E-06	3.47E-06	3.15E-06	1.40E-06	1.37E-06	6.48E-08	1.57E-06	3.45E-07	4.72E-07	7.48E-07	1.29E-07	7.18E-07	4.04E-06
329	489288.17	3859671.48	5.93E-03	6.07E-03	5.79E-03	2.05E-06	6.20E-06	3.59E-06	3.67E-06	3.33E-06	1.48E-06	1.45E-06	6.86E-08	1.66E-06	3.66E-07	4.99E-07	7.91E-07	1.36E-07	7.60E-07	4.28E-06
330	489338.17	3859671.48	6.31E-03	6.46E-03	6.16E-03	2.19E-06	6.60E-06	3.82E-06	3.91E-06	3.54E-06	1.58E-06	1.54E-06	7.30E-08	1.76E-06	3.89E-07	5.31E-07	8.42E-07	1.45E-07	8.09E-07	4.55E-06
331	489388.17	3859671.48	6.76E-03	6.92E-03	6.59E-03	2.34E-06	7.06E-06	4.09E-06	4.19E-06	3.79E-06	1.69E-06	1.65E-06	7.81E-08	1.89E-06	4.16E-07	5.68E-07	9.01E-07	1.55E-07	8.66E-07	4.87E-06
332	489438.17	3859671.48	7.20E-03	7.37E-03	7.02E-03	2.49E-06	7.52E-06	4.36E-06	4.46E-06	4.04E-06	1.80E-06	1.76E-06	8.32E-08	2.01E-06	4.44E-07	6.05E-07	9.60E-07	1.65E-07	9.22E-07	5.19E-06
333	489488.17	3859671.48	7.75E-03	7.93E-03	7.56E-03	2.68E-06	8.10E-06	4.69E-06	4.80E-06	4.35E-06	1.94E-06	1.89E-06	8.96E-08	2.16E-06	4.77E-07	6.52E-07	1.03E-06	1.78E-07	9.93E-07	5.59E-06
334	489538.17	3859671.48	8.34E-03	8.53E-03	8.13E-03	2.89E-06	8.71E-06	5.04E-06	5.16E-06	4.68E-06	2.09E-06	2.03E-06	9.64E-08	2.33E-06	5.14E-07	7.01E-07	1.11E-06	1.91E-07	1.07E-06	6.01E-06
335	489588.17	3859671.48	9.01E-03	9.22E-03	8.79E-03	3.12E-06	9.42E-06	5.45E-06	5.58E-06	5.06E-06	2.26E-06	2.20E-06	1.04E-07	2.52E-06	5.55E-07	7.58E-07	1.20E-06	2.07E-07	1.15E-06	6.50E-06
336	489238.17	3859721.48	5.18E-03	5.30E-03	5.05E-03	1.79E-06	5.41E-06	3.13E-06	3.21E-06	2.91E-06	1.30E-06	1.26E-06	5.99E-08	1.45E-06	3.19E-07	4.36E-07	6.91E-07	1.19E-07	6.64E-07	3.73E-06
337	489288.17	3859721.48	5.49E-03	5.62E-03	5.36E-03	1.90E-06	5.74E-06	3.32E-06	3.40E-06	3.08E-06	1.37E-06	1.34E-06	6.35E-08	1.53E-06	3.38E-07	4.62E-07	7.33E-07	1.26E-07	7.04E-07	3.96E-06
338	489338.17	3859721.48	5.81E-03	5.95E-03	5.67E-03	2.01E-06	6.07E-06	3.51E-06	3.60E-06	3.26E-06	1.45E-06	1.42E-06	6.71E-08	1.62E-06	3.58E-07	4.88E-07	7.75E-07	1.33E-07	7.44E-07	4.19E-06
339	489388.17	3859721.48	6.15E-03	6.30E-03	6.00E-03	2.13E-06	6.43E-06	3.72E-06	3.81E-06	3.46E-06	1.54E-06	1.50E-06	7.11E-08	1.72E-06	3.79E-07	5.18E-07	8.21E-07	1.41E-07	7.88E-07	4.44E-06
340	489438.17	3859721.48	6.53E-03	6.68E-03	6.36E-03	2.26E-06	6.82E-06	3.95E-06	4.04E-06	3.66E-06	1.63E-06	1.59E-06	7.54E-08	1.82E-06	4.02E-07	5.49E-07	8.70E-07	1.50E-07	8.36E-07	4.70E-06
341	489488.17	3859721.48	6.98E-03	7.15E-03	6.81E-03	2.42E-06	7.30E-06	4.23E-06	4.33E-06	3.92E-06	1.75E-06	1.70E-06	8.07E-08	1.95E-06	4.30E-07	5.87E-07	9.32E-07	1.60E-07	8.95E-07	5.04E-06
342	489538.17	3859721.48	7.47E-03	7.65E-03	7.29E-03	2.59E-06	7.81E-06	4.52E-06	4.63E-06	4.19E-06	1.87E-06	1.82E-06	8.64E-08	2.09E-06	4.60E-07	6.28E-07	9.97E-07	1.72E-07	9.57E-07	5.39E-06
343	489588.17	3859721.48	8.01E-03	8.20E-03	7.81E-03	2.77E-06	8.37E-06	4.85E-06	4.96E-06	4.50E-06	2.00E-06	1.95E-06	9.26E-08	2.24E-06	4.93E-07	6.73E-07	1.07E-06	1.84E-07	1.03E-06	5.77E-06
344	489238.17	3859771.48	4.82E-03	4.93E-03	4.70E-03	1.67E-06	5.04E-06	2.92E-06	2.99E-06	2.71E-06	1.21E-06	1.18E-06	5.57E-08	1.35E-06	2.97E-07	4.05E-07	6.43E-07	1.11E-07	6.17E-07	3.48E-06
345	489288.17	3859771.48	5.09E-03	5.21E-03	4.96E-03	1.76E-06	5.32E-06	3.08E-06	3.15E-06	2.86E-06	1.27E-06	1.24E-06	5.88E-08	1.42E-06	3.14E-07	4.28E-07	6.79E-07	1.17E-07	6.52E-07	3.67E-06
346	489338.17	3859771.48	5.35E-03	5.48E-03	5.22E-03	1.85E-06	5.59E-06	3.24E-06	3.31E-06	3.00E-06	1.34E-06	1.31E-06	6.18E-08	1.49E-06	3.30E-07	4.50E-07	7.14E-07	1.23E-07	6.85E-07	3.86E-06
347	489388.17	3859771.48	5.65E-03	5.78E-03	5.51E-03	1.96E-06	5.90E-06	3.42E-06	3.50E-06	3.17E-06	1.41E-06	1.38E-06	6.53E-08	1.58E-06	3.48E-07	4.75E-07	7.54E-07	1.30E-07	7.24E-07	4.07E-06
348	489438.17	3859771.48	5.96E-03	6.10E-03	5.81E-03	2.06E-06	6.23E-06	3.60E-06	3.69E-06	3.35E-06	1.49E-06	1.45E-06	6.89E-08	1.66E-06	3.67E-07	5.01E-07	7.95E-07	1.37E-07	7.63E-07	4.30E-06
349	489488.17	3859771.48	6.36E-03	6.51E-03	6.20E-03	2.20E-06	6.64E-06	3.85E-06	3.94E-06	3.57E-06	1.59E-06	1.55E-06	7.35E-08	1.77E-06	3.92E-07	5.35E-07	8.48E-07	1.46E-07	8.14E-07	4.58E-06
350	489538.17	3859771.48	6.77E-03	6.93E-03	6.60E-03	2.34E-06	7.08E-06	4.10E-06	4.19E-06	3.80E-06	1.69E-06	1.65E-06	7.82E-08	1.89E-06	4.17E-07	5.69E-07	9.03E-07	1.55E-07	8.67E-07	4.88E-06
351	489588.17	3859771.48	7.19E-03	7.36E-03	7.02E-03	2.49E-06	7.52E-06	4.35E-06	4.46E-06	4.04E-06	1.80E-06	1.76E-06	8.32E-08	2.01E-06	4.43E-07	6.05E-07	9.60E-07	1.65E-07	9.22E-07	5.19E-06
352	489238.17	3859821.48	4.50E-03	4.60E-03	4.39E-03	1.56E-06	4.70E-06	2.72E-06	2.79E-06	2.53E-06	1.13E-06	1.10E-06	5.20E-08	1.26E-06	2.77E-07	3.78E-07	6.00E-07	1.03E-07	5.76E-07	3.24E-06
353	489288.17	3859821.48	4.74E-03	4.85E-03	4.62E-03	1.64E-06	4.95E-06	2.87E-06	2.93E-06	2.66E-06	1.19E-06	1.16E-06	5.47E-08	1.32E-06	2.92E-07	3.98E-07	6.32E-07	1.09E-07	6.07E-07	3.41E-06
354	489338.17	3859821.48	4.97E-03	5.08E-03	4.84E-03	1.72E-06	5.19E-06	3.00E-06	3.08E-06	2.79E-06	1.24E-06	1.21E-06	5.74E-08	1.39E-06	3.06E-07	4.18E-07	6.62E-07	1.14E-07	6.36E-07	3.58E-06
355	489388.17	3859821.48	5.22E-03	5.35E-03	5.09E-03	1.81E-06	5.46E-06	3.16E-06	3.23E-06	2.93E-06	1.31E-06	1.27E-06	6.04E-08	1.46E-06	3.22E-07	4.39E-07	6.97E-07	1.20E-07	6.69E-07	3.76E-06
356	489438.17	3859821.48	5.52E-03	5.65E-03	5.38E-03	1.91E-06	5.77E-06	3.34E-06	3.42E-06	3.10E-06	1.38E-06	1.35E-06	6.38E-08	1.54E-06	3.40E-07	4.64E-07	7.36E-07	1.27E-07	7.07E-07	3.98E-06
357	489488.17	3859821.48	5.84E-03	5.98E-03	5.69E-03	2.02E-06	6.10E-06	3.53E-06	3.62E-06	3.28E-06	1.46E-06	1.42E-06	6.75E-08	1.63E-06	3.60E-07	4.91E-07	7.79E-07	1.34E-07	7.48E-07	4.21E-06
358	489538.17	3859821.48	6.18E-03	6.32E-03	6.02E-03	2.14E-06	6.45E-06	3.74E-06	3.82E-06	3.47E-06	1.55E-06	1.51E-06	7.14E-08	1.72E-06	3.80E-07	5.19E-07	8.24E-07	1.42E-07	7.91E-07	4.45E-06
359	489588.17	3859821.48	6.53E-03	6.68E-03	6.36E-03	2.26E-06	6.82E-06	3.95E-06	4.04E-06	3.66E-06	1.63E-06	1.59E-06	7.54E-08	1.82E-06	4.02E-07	5.49E-07	8.71E-07	1.50E-07	8.36E-07	4.70E-06
360	489238.17	3859871.48	4.22E-03	4.32E-03	4.12E-03	1.46E-06	4.41E-06	2.55E-06	2.61E-06	2.37E-06	1.06E-06	1.03E-06	4.88E-08	1.18E-06	2.60E-07	3.55E-07	5.63E-07	9.70E-08	5.41E-07	3.04E-06
361	489288.17	3859871.48	4.42E-03	4.52E-03	4.31E-03	1.53E-06	4.62E-06	2.67E-06	2.74E-06	2.48E-06	1.11E-06	1.08E-06	5.11E-08	1.23E-06	2.72E-07	3.72E-07	5.89E-07	1.01E-07	5.66E-07	3.19E-06
362	489338.17	3859871.48	4.63E-03	4.74E-03	4.52E-03	1.60E-06	4.84E-06	2.80E-06	2.87E-06	2.60E-06	1.16E-06	1.13E-06	5.35E-08	1.29E-06	2.85E-07	3.89E-07	6.18E-07	1.06E-07	5.93E-07	3.34E-06
363	489388.17	3859871.48	4.87E-03	4.98E-03	4.75E-03	1.68E-06	5.09E-06	2.95E-06	3.01E-06	2.73E-06	1.22E-06	1.19E-06	5.63E-08	1.36E-06	3.00E-07	4.09E-07	6.49E-07	1.12E-07	6.24E-07	3.51E-06
364	489438.17	3859871.48	5.13E-03	5.25E-03	5.01E-03	1.78E-06	5.36E-06	3.11E-06	3.18E-06	2.88E-06	1.28E-06	1.25E-06	5.93E-08	1.43E-06	3.16E-07	4.32E-07	6.85E-07	1.18E-07	6.57E-07	3.70E-06
365	489488.17	3859871.48	5.40E-03	5.53E-03	5.27E-03	1.87E-06	5.64E-06	3.27E-06	3.34E-06	3.03E-06	1.35E-06	1.32E-06	6.24E-08	1.51E-06	3.33E-07	4.54E-07	7.20E-07	1.24E-07	6.92E-07	3.89E-06
366	489538.17	3859871.48	5.67E-03	5.80E-03	5.53E-03	1.96E-06	5.92E-06	3.43E-06	3.51E-06	3.18E-06	1.42E-06	1.38E-06	6.55E-08	1.58E-06	3.49E-07	4.77E-07	7.56E-07	1.30E-07	7.26E-07	4.09E-06
367	489588.17	3859871.48	5.96E-03	6.10E-03	5.81E-03	2.06E-06	6.23E-06	3.60E-06	3.69E-06	3.34E-06	1.49E-06	1.45E-06	6.89E-08	1.66E-06	3.67E-07	5.01E-07	7.95E-07	1.37E-07	7.63E-07	4.29E-06
368	489238.17	3859921.48	3.98E-03	4.08E-03	3.89E-03	1.38E-06	4.17E-06	2.41E-06	2.47E-06	2.24E-06	9.97E-07	9.73E-07	4.61E-08	1.11E-06	2.46E-07	3.35E-07	5.32E-07	9.15E-08	5.10E-07	2.87E-06
369	489288.17	3859921.48	4.17E-03	4.27E-03	4.07E-03	1.44E-06	4.36E-06	2.52E-06	2.58E-06	2.34E-06	1.04E-06	1.02E-06	4.82E-08	1.16E-06	2.57E-07	3.51E-07	5.57E-07	9.58E-08	5.34E-07	3.01E-06
370	489338.17	3859921.48	4.36E-03	4.46E-03	4.25E-03	1.51E-06	4.56E-06	2.64E-06	2.70E-06	2.45E-06	1.09E-06	1.06E-06	5.04E-08	1.22E-06	2.69E-07	3.66E-07	5.81E-07	1.00E-07	5.58E-07	3.14E-06
371	489388.17	3859921.48	4.57E-03	4.67E-03	4.45E-03	1.58E-06	4.77E-06	2.76E-06	2.83E-06	2.56E-06	1.14E-06	1.11E-06	5.28E-08	1.27E-06	2.81E-07	3.84E-07	6.09E-07	1.05E-07	5.85E-07	3.29E-06
372	489438.17	3859921.48	4.78E-03	4.89E-03	4.66E-03	1.65E-06	5.00E-06	2.89E-06	2.96E-06	2.68E-06	1.20E-06	1.17E-06	5.53E-08	1.33E-06	2.95E-07	4.02E-07	6.38E-07	1.10E-07	6.12E-07	3.45E-06
373	489488.17	3859921.48	4.99E-03	5.11E-03	4.87E-03	1.73E-06	5.22E-06	3.02E-06	3.09E-06	2.80E-06	1.25E-06	1.22E-06	5.77E-08	1.39E-06	3.08E-07	4.20E-07	6.66E-07	1.15E-07	6.39E-07	3.60E-06
374	489538.17	3859921.48	5.21E-03	5.34E-03	5.09E-03	1.80E-06	5.45E-06	3.15E-06	3.23E-06	2.93E-06	1.30E-06	1.27E-06	6.03E-08	1.46E-06	3.21E-07	4.38E-07	6.96E-07	1.20E-07	6.68E-07	3.76E-06
375	489588.17	3859921.48	5.43E-03	5.56E-03	5.30E-03	1.88E-06	5.68E-06	3.29E-06	3.36E-06	3.05E-06	1.36E-06	1.33E-06	6.28E-08	1.52E-06	3.35E-07	4.57E-07	7.25E-07	1.25E-07	6.96E-07	3.92E-06
376	489238.17	3859971.48	3.77E-03	3.86E-03	3.68E-03	1.31E-06	3.94E-06	2.28E-06	2.34E-06	2.12E-06	9.44E-07	9.21E-07	4.36E-08	1.05E-06	2.32E-07	3.17E-07	5.03E-07	8.67E-08	4.83E-07	2.72E-06
377	489288.17	3859971.48	3.93E-03	4.02E-03	3.83E-03	1.36E-06	4.11E-06	2.38E-06	2.43E-06	2.21E-06	9.84E-07	9.59E-07	4.54E-08	1.10E-06	2.42E-07	3.31E-07	5.24E-07	9.03E-08	5.04E-07	2.83E-06
378	489338.17	3859971.48	4.10E-03	4.20E-03	4.00E-03	1.42E-06	4.29E-06	2.48E-06	2.54E-06	2.30E-06	1.03E-06	1.00E-06	4.74E-08	1.15E-06	2.53E-07	3.45E-07	5.47E-07	9.42E-08	5.26E-07	2.96E-06
379	489388.17	3859971.48	4.28E-03	4.38E-03	4.18E-03	1.48E-06	4.48E-06	2.59E-06	2.65E-06	2.40E-06	1.07E-06	1.05E-06	4.95E-08	1.20E-06	2.64E-07	3.60E-07	5.71E-07	9.84E-08	5.49E-07	3.09E-06
380	489438.17	3859971.48	4.44E-03	4.54E-03	4.33E-03	1.54E-06	4.64E-06	2.68E-06	2.75E-06	2.49E-06	1.11E-06	1.08E-06	5.13E-08	1.24E-06	2.73E-07	3.73E-07	5.92E-07	1.02E-07	5.68E-07	3.20E-06
381	489488.17	3859971.48	4.49E-03	4.60E-03	4.38E-03	1.55E-06	4.69E-06	2.72E-06	2.78E-06	2.52E-06	1.12E-06	1.10E-06	5.19E-08	1.25E-06	2.77E-07	3.78E-07	5.99E-07	1.03E-07	5.75E-07	3.24E-06
382	489538.17	3859971.48	4.56E-03	4.67E-03	4.45E-03	1.58E-06	4.77E-06	2.76E-06	2.82E-06	2.56E-06	1.14E-06	1.11E-06	5.27E-08	1.27E-06	2.81E-07	3.83E-07	6.08E-07	1.05E-07	5.84E-07	3.29E-06
383	489588.17	3859971.48	4.63E-03	4.73E-03	4.51E-03	1.60E-06	4.83E-06	2.80E-06	2.86E-06	2.60E-06	1.16E-06	1.13E-06	5.35E-08	1.29E-06	2.85E-07	3.89E-07	6.17E-07	1.06E-07	5.93E-07	3.33E-06
384	483577.7	3854071	2.30E-03	2.35E-03	2.24E-03	7.95E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.75E-07	5.61E-07	2.66E-08	6.41E-07	1.42E-07	1.93E-07	3.06E-07	5.28E-08	2.94E-07	1.66E-06
385	483627.7	3854071	2.29E-03	2.34E-03	2.23E-03	7.92E-07	2.39E-06	1.38E-06	1.42E-06	1.28E-06	5.72E-07	5.58E-07	2.64E-08	6.39E-07	1.41E-07	1.92E-07	3.05E-07	5.25E-08	2.93E-07	1.65E-06
386	483677.7	3854071	2.27E-03	2.32E-03	2.22E-03	7.86E-07	2.37E-06	1.37E-06	1.41E-06	1.28E-06	5.68E-07	5.54E-07	2.63E-08	6.34E-07	1.40E-07	1.91E-07	3.03E-07	5.22E-08	2.91E-07	1.64E-06
387	483727.7	3854071	2.25E-03	2.31E-03	2.20E-03	7.80E-07	2.36E-06	1.36E-06	1.40E-06	1.27E-06	5.64E-07	5.50E-07	2.61E-08	6.29E-07	1.39E-07	1.90E-07	3.01E-07	5.18E-08	2.89E-07	1.62E-06
388	483777.7	3854071	2.22E-03	2.27E-03	2.16E-03	7.68E-07	2.32E-06	1.34E-06	1.37E-06	1.25E-06	5.55E-07	5.42E-07	2.57E-08	6.20E-07	1.37E-07	1.87E-07	2.96E-07	5.10E-08	2.84E-07	1.60E-06
389	483577.7	3854121	2.17E-03	2.23E-03	2.12E-03	7.53E-07	2.27E-06	1.32E-06	1.35E-06	1.22E-06	5.44E-07	5.31E-07	2.51E-08	6.07E-07	1.34E-07	1.83E-07	2.90E-07	4.99E-08	2.78E-07	1.57E-06
390	483627.7	3854121	2.16E-03	2.21E-03	2.10E-03	7.47E-07	2.25E-06	1.30E-06	1.34E-06	1.21E-06	5.40E-07	5.26E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.88E-07	4.95E-08	2.76E-07	1.55E-06
391	483677.7	3854121	2.13E-03	2.18E-03	2.08E-03	7.38E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.33E-07	5.20E-07	2.46E-08	5.95E-07	1.31E-07	1.79E-07	2.84E-07	4.90E-08	2.73E-07	1.54E-06
392	483727.7	3854121	2.10E-03	2.15E-03	2.05E-03	7.28E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.26E-07	5.13E-07	2.43E-08	5.87E-07	1.30E-07	1.77E-07	2.80E-07	4.83E-08	2.69E-07	1.52E-06
393	483777.7	3854121	2.08E-03	2.13E-03	2.03E-03	7.21E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.21E-07	5.08E-07	2.41E-08	5.81E-07	1.28E-07	1.75E-07	2.78E-07	4.78E-08	2.67E-07	1.50E-06
394	483577.7	3854171	2.04E-03	2.09E-03	1.99E-03	7.07E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.11E-07	4.99E-07	2.36E-08	5.70E-07	1.26E-07	1.72E-07	2.72E-07	4.69E-08	2.62E-07	1.47E-06
395	483627.7	3854171	2.01E-03	2.06E-03	1.96E-03	6.97E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.04E-07	4.92E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.69E-07	4.63E-08	2.58E-07	1.45E-06
396	483677.7	3854171	1.99E-03	2.04E-03	1.94E-03	6.90E-07	2.08E-06	1.21E-06	1.23E-06	1.12E-06	4.99E-07	4.87E-07	2.30E-08	5.57E-07	1.23E-07	1.68E-07	2.66E-07	4.58E-08	2.55E-07	1.44E-06
397	483727.7	3854171	1.98E-03	2.02E-03	1.93E-03	6.84E-07	2.07E-06	1.20E-06	1.22E-06	1.11E-06	4.95E-07	4.83E-07	2.29E-08	5.52E-07	1.22E-07	1.66E-07	2.64E-07	4.54E-08	2.53E-07	1.43E-06

398	483777.7	3854171	1.96E-03	2.00E-03	1.91E-03	6.77E-07	2.05E-06	1.18E-06	1.21E-06	1.10E-06	4.90E-07	4.78E-07	2.26E-08	5.46E-07	1.21E-07	1.65E-07	2.61E-07	4.49E-08	2.51E-07	1.41E-06
399	483827.7	3854171	1.92E-03	1.96E-03	1.87E-03	6.64E-07	2.00E-06	1.16E-06	1.19E-06	1.08E-06	4.80E-07	4.68E-07	2.22E-08	5.36E-07	1.18E-07	1.61E-07	2.56E-07	4.41E-08	2.46E-07	1.38E-06
400	483877.7	3854171	1.90E-03	1.94E-03	1.85E-03	6.57E-07	1.98E-06	1.15E-06	1.17E-06	1.06E-06	4.75E-07	4.63E-07	2.19E-08	5.30E-07	1.17E-07	1.59E-07	2.53E-07	4.36E-08	2.43E-07	1.37E-06
401	483727.7	3854221	1.87E-03	1.91E-03	1.82E-03	6.46E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.67E-07	4.56E-07	2.16E-08	5.21E-07	1.15E-07	1.57E-07	2.49E-07	4.29E-08	2.39E-07	1.35E-06
402	483777.7	3854221	1.85E-03	1.89E-03	1.80E-03	6.39E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.62E-07	4.50E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.24E-08	2.36E-07	1.33E-06
403	483827.7	3854221	1.85E-03	1.89E-03	1.80E-03	6.39E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.62E-07	4.50E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.24E-08	2.36E-07	1.33E-06
404	483877.7	3854221	1.82E-03	1.86E-03	1.77E-03	6.29E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.55E-07	4.43E-07	2.10E-08	5.07E-07	1.12E-07	1.53E-07	2.42E-07	4.17E-08	2.33E-07	1.31E-06
405	489150.19	3858726.45	4.80E-03	4.91E-03	4.68E-03	1.66E-06	5.02E-06	2.90E-06	2.97E-06	2.70E-06	1.20E-06	1.17E-06	5.55E-08	1.34E-06	2.96E-07	4.04E-07	6.40E-07	1.10E-07	6.15E-07	3.46E-06
406	489200.19	3858726.45	4.93E-03	5.05E-03	4.81E-03	1.71E-06	5.16E-06	2.99E-06	3.06E-06	2.77E-06	1.23E-06	1.20E-06	5.70E-08	1.38E-06	3.04E-07	4.15E-07	6.58E-07	1.13E-07	6.32E-07	3.56E-06
407	489150.19	3858776.45	6.74E-03	6.89E-03	6.57E-03	2.33E-06	7.04E-06	4.08E-06	4.17E-06	3.78E-06	1.69E-06	1.64E-06	7.79E-08	1.88E-06	4.15E-07	5.66E-07	8.98E-07	1.55E-07	8.63E-07	4.86E-06
408	489200.19	3858776.45	6.86E-03	7.02E-03	6.69E-03	2.37E-06	7.17E-06	4.15E-06	4.25E-06	3.85E-06	1.72E-06	1.67E-06	7.93E-08	1.91E-06	4.23E-07	5.77E-07	9.15E-07	1.58E-07	8.78E-07	4.94E-06
409	488919.6	3856400.76	7.73E-04	7.91E-04	7.54E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.93E-07	1.89E-07	8.93E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.77E-08	9.90E-08	5.57E-07
410	488919.6	3856450.76	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.87E-07	8.88E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
411	488969.6	3856450.76	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.88E-07	8.88E-09	2.15E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
412	488919.6	3856500.76	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.83E-09	2.13E-07	4.71E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.51E-07
413	488969.6	3856500.76	7.65E-04	7.83E-04	7.46E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.14E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.80E-08	5.51E-07
414	488919.6	3856550.76	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.61E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.80E-09	2.13E-07	4.69E-08	6.40E-08	1.02E-07	1.75E-08	9.75E-08	5.49E-07
415	488969.6	3856550.76	7.61E-04	7.79E-04	7.43E-04	2.64E-07	7.96E-07	4.61E-07	4.72E-07	4.27E-07	1.91E-07	1.86E-07	8.80E-09	2.13E-07	4.69E-08	6.40E-08	1.02E-07	1.75E-08	9.75E-08	5.49E-07
416	488819.6	3856600.76	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
417	488869.6	3856600.76	7.57E-04	7.75E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.89E-07	1.85E-07	8.75E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.70E-08	5.46E-07
418	488919.6	3856600.76	7.58E-04	7.76E-04	7.39E-04	2.62E-07	7.92E-07	4.59E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
419	488819.6	3856650.76	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.43E-07
420	488869.6	3856650.76	7.55E-04	7.72E-04	7.36E-04	2.61E-07	7.89E-07	4.57E-07	4.67E-07	4.24E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.67E-08	5.44E-07
421	488819.6	3856700.76	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
422	488869.6	3856700.76	7.54E-04	7.71E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.01E-07	1.73E-08	9.65E-08	5.43E-07
423	488819.6	3856750.76	7.53E-04	7.70E-04	7.34E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.43E-07
424	488869.6	3856750.76	7.54E-04	7.71E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.01E-07	1.73E-08	9.65E-08	5.43E-07
425	488819.6	3857050.76	7.78E-04	7.96E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.97E-08	5.61E-07
426	488869.6	3857050.76	7.77E-04	7.95E-04	7.58E-04	2.69E-07	8.12E-07	4.70E-07	4.81E-07	4.36E-07	1.94E-07	1.90E-07	8.98E-09	2.17E-07	4.79E-08	6.53E-08	1.04E-07	1.78E-08	9.95E-08	5.60E-07
427	488919.6	3857050.76	7.75E-04	7.94E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
428	488819.6	3857100.76	7.87E-04	8.06E-04	7.68E-04	2.73E-07	8.23E-07	4.76E-07	4.88E-07	4.42E-07	1.97E-07	1.92E-07	9.10E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
429	488869.6	3857100.76	7.85E-04	8.04E-04	7.66E-04	2.72E-07	8.20E-07	4.75E-07	4.86E-07	4.41E-07	1.96E-07	1.92E-07	9.07E-09	2.19E-07	4.84E-08	6.60E-08	1.05E-07	1.80E-08	1.01E-07	5.66E-07
430	488919.6	3857100.76	7.84E-04	8.02E-04	7.64E-04	2.71E-07	8.19E-07	4.74E-07	4.85E-07	4.40E-07	1.96E-07	1.91E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
431	488819.6	3857150.76	7.98E-04	8.17E-04	7.79E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.48E-07	2.00E-07	1.95E-07	9.23E-09	2.23E-07	4.92E-08	6.71E-08	1.07E-07	1.83E-08	1.02E-07	5.76E-07
432	488869.6	3857150.76	7.96E-04	8.15E-04	7.76E-04	2.76E-07	8.32E-07	4.82E-07	4.93E-07	4.47E-07	1.99E-07	1.94E-07	9.20E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.83E-08	1.02E-07	5.74E-07
433	488919.6	3857150.76	7.93E-04	8.12E-04	7.74E-04	2.75E-07	8.29E-07	4.80E-07	4.91E-07	4.45E-07	1.99E-07	1.94E-07	9.17E-09	2.21E-07	4.89E-08	6.67E-08	1.06E-07	1.82E-08	1.02E-07	5.72E-07
434	488969.6	3857150.76	7.91E-04	8.10E-04	7.71E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	1.98E-07	1.93E-07	9.14E-09	2.21E-07	4.87E-08	6.65E-08	1.06E-07	1.82E-08	1.01E-07	5.70E-07
435	488819.6	3857200.76	8.11E-04	8.31E-04	7.91E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.03E-07	1.98E-07	9.38E-09	2.27E-07	5.00E-08	6.82E-08	1.08E-07	1.86E-08	1.04E-07	5.85E-07
436	488869.6	3857200.76	8.09E-04	8.28E-04	7.89E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.02E-07	1.97E-07	9.35E-09	2.26E-07	4.98E-08	6.80E-08	1.08E-07	1.86E-08	1.04E-07	5.83E-07
437	488919.6	3857200.76	8.05E-04	8.24E-04	7.86E-04	2.79E-07	8.42E-07	4.87E-07	4.99E-07	4.52E-07	2.02E-07	1.97E-07	9.31E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.85E-08	1.03E-07	5.81E-07
438	488969.6	3857200.76	8.02E-04	8.21E-04	7.82E-04	2.78E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.01E-07	1.96E-07	9.27E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.84E-08	1.03E-07	5.78E-07
439	488819.6	3857250.76	8.25E-04	8.45E-04	8.05E-04	2.86E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.06E-07	2.01E-07	9.54E-09	2.30E-07	5.08E-08	6.94E-08	1.10E-07	1.90E-08	1.06E-07	5.95E-07
440	488869.6	3857250.76	8.22E-04	8.41E-04	8.02E-04	2.84E-07	8.59E-07	4.97E-07	5.09E-07	4.61E-07	2.06E-07	2.01E-07	9.50E-09	2.29E-07	5.06E-08	6.91E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
441	488919.6	3857250.76	8.18E-04	8.38E-04	7.98E-04	2.83E-07	8.55E-07	4.95E-07	5.07E-07	4.59E-07	2.05E-07	2.00E-07	9.46E-09	2.29E-07	5.04E-08	6.88E-08	1.09E-07	1.88E-08	1.05E-07	5.90E-07
442	488969.6	3857250.76	8.15E-04	8.34E-04	7.94E-04	2.82E-07	8.51E-07	4.93E-07	5.05E-07	4.57E-07	2.04E-07	1.99E-07	9.42E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07
443	488819.6	3857300.76	8.41E-04	8.61E-04	8.20E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.72E-07	2.11E-07	2.05E-07	9.72E-09	2.35E-07	5.18E-08	7.07E-08	1.12E-07	1.93E-08	1.08E-07	6.07E-07
444	488869.6	3857300.76	8.38E-04	8.57E-04	8.17E-04	2.90E-07	8.75E-07	5.07E-07	5.19E-07	4.70E-07	2.10E-07	2.04E-07	9.68E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.92E-08	1.07E-07	6.04E-07
445	488919.6	3857300.76	8.34E-04	8.54E-04	8.13E-04	2.89E-07	8.72E-07	5.05E-07	5.17E-07	4.68E-07	2.09E-07	2.04E-07	9.64E-09	2.33E-07	5.14E-08	7.01E-08	1.11E-07	1.92E-08	1.07E-07	6.01E-07
446	488819.6	3857450.76	8.97E-04	9.18E-04	8.75E-04	3.11E-07	9.38E-07	5.43E-07	5.56E-07	5.04E-07	2.25E-07	2.19E-07	1.04E-08	2.50E-07	5.53E-08	7.54E-08	1.20E-07	2.06E-08	1.15E-07	6.47E-07
447	488869.6	3857450.76	8.93E-04	9.14E-04	8.71E-04	3.09E-07	9.34E-07	5.41E-07	5.53E-07	5.02E-07	2.24E-07	2.18E-07	1.03E-08	2.49E-07	5.50E-08	7.51E-08	1.19E-07	2.05E-08	1.14E-07	6.44E-07
448	488919.6	3857450.76	8.91E-04	9.12E-04	8.69E-04	3.08E-07	9.31E-07	5.39E-07	5.52E-07	5.00E-07	2.23E-07	2.17E-07	1.03E-08	2.49E-07	5.49E-08	7.49E-08	1.19E-07	2.05E-08	1.14E-07	6.42E-07
449	488819.6	3857500.76	9.17E-04	9.39E-04	8.95E-04	3.18E-07	9.59E-07	5.55E-07	5.68E-07	5.15E-07	2.30E-07	2.24E-07	1.06E-08	2.56E-07	5.65E-08	7.72E-08	1.22E-07	2.11E-08	1.18E-07	6.61E-07
450	488869.6	3857500.76	9.15E-04	9.37E-04	8.93E-04	3.17E-07	9.57E-07	5.54E-07	5.67E-07	5.14E-07	2.29E-07	2.23E-07	1.06E-08	2.56E-07	5.64E-08	7.70E-08	1.22E-07	2.10E-08	1.17E-07	6.60E-07
451	488919.6	3857500.76	9.13E-04	9.34E-04	8.90E-04	3.16E-07	9.54E-07	5.52E-07	5.65E-07	5.12E-07	2.28E-07	2.23E-07	1.06E-08	2.55E-07	5.62E-08	7.68E-08	1.22E-07	2.10E-08	1.17E-07	6.58E-07
452	488819.6	3857550.76	9.40E-04	9.62E-04	9.17E-04	3.25E-07	9.83E-07	5.69E-07	5.82E-07	5.28E-07	2.35E-07	2.29E-07	1.09E-08	2.63E-07	5.79E-08	7.91E-08	1.25E-07	2.16E-08	1.20E-07	6.78E-07
453	488869.6	3857550.76	9.38E-04	9.61E-04	9.15E-04	3.25E-07	9.81E-07	5.68E-07	5.81E-07	5.27E-07	2.35E-07	2.29E-07	1.08E-08	2.62E-07	5.78E-08	7.89E-08	1.25E-07	2.16E-08	1.20E-07	6.77E-07
454	488919.6	3857550.76	9.36E-04	9.59E-04	9.13E-04	3.24E-07	9.79E-07	5.67E-07	5.80E-07	5.26E-07	2.34E-07	2.29E-07	1.08E-08	2.61E-07	5.77E-08	7.87E-08	1.25E-07	2.15E-08	1.20E-07	6.75E-07
455	489663.71	3860900.05	1.86E-03	1.91E-03	1.82E-03	6.45E-07	1.95E-06	1.13E-06	1.15E-06	1.05E-06	4.66E-07	4.55E-07	2.15E-08	5.20E-07	1.15E-07	1.57E-07	2.49E-07	4.28E-08	2.39E-07	1.34E-06
456	489813.71	3860900.05	1.96E-03	2.01E-03	1.91E-03	6.79E-07	2.05E-06	1.19E-06	1.21E-06	1.10E-06	4.91E-07	4.79E-07	2.27E-08	5.48E-07	1.21E-07	1.65E-07	2.62E-07	4.51E-08	2.51E-07	1.41E-06
457	489863.71	3860900.05	1.99E-03	2.04E-03	1.94E-03	6.89E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	4.98E-07	4.86E-07	2.30E-08	5.56E-07	1.23E-07	1.67E-07	2.65E-07	4.57E-08	2.55E-07	1.43E-06
458	489913.71	3860900.05	2.03E-03	2.08E-03	1.98E-03	7.04E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.96E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.47E-06
459	489963.71	3860900.05	2.06E-03	2.11E-03	2.01E-03	7.14E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.16E-07	5.04E-07	2.39E-08	5.76E-07	1.27E-07	1.74E-07	2.75E-07	4.74E-08	2.64E-07	1.49E-06
460	490013.71	3860900.05	2.11E-03	2.16E-03	2.06E-03	7.30E-07	2.21E-06	1.28E-06	1.31E-06	1.18E-06	5.28E-07	5.15E-07	2.44E-08	5.89E-07	1.30E-07	1.77E-07	2.81E-07	4.85E-08	2.70E-07	1.52E-06
461	490063.71	3860900.05	2.15E-03	2.20E-03	2.10E-03	7.45E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.38E-07	5.25E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	4.94E-08	2.76E-07	1.55E-06
462	489663.71	3860950.05	1.79E-03	1.84E-03	1.75E-03	6.21E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.49E-07	4.38E-07	2.07E-08	5.01E-07	1.11E-07	1.51E-07	2.39E-07	4.12E-08	2.30E-07	1.29E-06
463	489813.71	3860950.05	1.88E-03	1.93E-03	1.84E-03	6.52E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.72E-07	4.60E-07	2.18E-08	5.26E-07	1.16E-07	1.58E-07	2.51E-07	4.33E-08	2.41E-07	1.36E-06
464	489863.71	3860950.05	1.91E-03	1.95E-03	1.86E-03	6.61E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.78E-07	4.66E-07	2.21E-08	5.33E-07	1.18E-07	1.60E-07	2.55E-07	4.38E-08	2.44E-07	1.38E-06
465	489913.71	3860950.05	1.94E-03	1.99E-03	1.90E-03	6.73E-07	2.03E-06	1.18E-06	1.20E-06	1.09E-06	4.87E-07	4.75E-07	2.25E-08	5.43E-07	1.20E-07	1.63E-07	2.59E-07	4.47E-08	2.49E-07	1.40E-06
466	489963.71	3860950.05	1.97E-03	2.02E-03	1.93E-03	6.84E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	4.94E-07	4.82E-07	2.28E-08	5.51E-07	1.22E-07	1.66E-07	2.63E-07	4.54E-08	2.53E-07	1.42E-06
467	490013.71	3860950.05	2.01E-03	2.06E-03	1.96E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.03E-07	4.91E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.68E-07	4.62E-08	2.58E-07	1.45E-06
468	490063.71	3860950.05	2.05E-03	2.10E-03	2.00E-03	7.10E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.13E-07	5.01E-07	2.37E-08	5.73E-07	1.26E-07	1.72E-07	2.74E-07	4.71E-08	2.63E-07	1.48E-06
469	489513.71	3861000.05	1.66E-03	1.70E-03	1.62E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.30E-07	4.15E-07	4.04E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.80E-08	2.12E-07	1.19E-06
470	489563.71	3861000.05	1.68E-03	1.72E-03	1.64E-03	5.81E-07	1.75E-06	1.02E-06	1.04E-06	9.43E-07	4.20E-07	4.10E-07	1.94E-08	4.69E-07	1.03E-07	1.41E-07	2.24E-07	3.86E-08	2.15E-07	1.21E-06
471	489613.71	3861000.05	1.71E-03	1.75E-03	1.66E-03	5.91E-07	1.78E-06	1.03E-06	1.06E-06	9.58E-07	4.27E-07	4.16E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.28E-07	3.92E-08	2.19E-07	1.23E-06
472	489663.71	3861000.05	1.73E-03	1.77E-03	1.69E-03	5.99E-07	1.81E-06	1.05E-06	1.07E-06	9.72E-07	4.33E-07	4.23E-07	2.00E-08	4.83E-07	1.07E-07	1.46E-07	2.31E-07	3.98E-08	2.22E-07	1.25E-06
473	489713.71	3861000.05	1.75E-03	1.80E-03	1.71E-03	6.07E-07	1.83E-06	1.06E-06	1.09E-06	9.85E-07	4.39E-07	4.28E-07	2.03E-08	4.90E-07	1.08E-07	1.48E-07	2.34E-07	4.03E-08	2.25E-07	1.26E-06
474	489763.71	3861000.05	1.78E-03	1.82E-03	1.74E-03	6.16E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.46E-07	4.35E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.38E-07	4.09E-08	2.28E-07	1.28E-06
475	489813.71	3861000.05	1.81E-03	1.86E-03	1.77E-03	6.28E-07	1.90E-06	1.10E-06	1.12E-06	1.02E-06	4.54E-07	4.43E-07	2.10E-08	5.06E-07	1.12E-07	1.53E-07	2.42E-07	4.17E-08	2.32E-07	1.31E-06
476	489863.71	3861000.05	1.84E-03	1.88E-03	1.79E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.59E-07	4.48E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.22E-08	2.35E-07	1.32E-06
477	489913.71	3861000.05	1.87E-03	1.91E-03	1.82E-03	6.46E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.67E-07	4.56E-07	2.16E-08	5.21E-07	1.15E-07	1.57E-07	2.49E-07	4.29E-08	2.39E-07	1.35E-06
478	489963.71	3861000.05	1.89E-03	1.94E-03	1.85E-03	6.55E-07	1.98E-06	1.14E-06	1.17E-06	1.06E-06	4.74E-07	4.62E-07	2.19E-08	5.28E-07	1.17E-07	1.59E-07	2.52E-07	4.35E-08	2.42E-07	1.36E-06
479	490013.71	3861000.05	1.92E-03	1.97E-03	1.88E-03	6.66E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.82E-07	4.70E-07	2.22E-08	5.37E-07	1.19E-07	1.62E-07	2.57E-07	4.42E-08	2.47E-07	1.39E-06
480	490063.71	3861000.05	1.96E-03	2.00E-03	1.91E-03	6.78E-07	2.05E-06	1.18E-06	1.21E-06	1.10E-06	4.90E-07	4.78E-07	2.26E-08	5.47E-07	1.21E-07	1.65E-07	2.61E-07	4.50E-08	2.51E-07	1.41E-06
481	489513.71	3861050.05	1.61E-03	1.64E-03	1.57E-03	5.56E-07	1.68E-06	9.71E-07	9.94E-07	9.01E-07	4.02E-07	3.92E-07	1.86E-08	4.48E-07	9.89E-08	1.35E-07	2.14E-07	3.69E-08	2.06E-07	1.16E-06
482	489563.71	3861050.05	1.63E-03	1.66E-03	1.59E-03	5.63E-07	1.70E-06	9.84E-07	1.01E-06	9.13E-07	4.07E-07	3.97E-07	1.88E-08	4.54E-07	1.00E-07	1.37E-07	2.17E-07	3.73E-08	2.08E-07	1.17E-06
483	489613.71	3861050.05	1.65E-03	1.69E-03	1.61E-03	5.72E-07	1.73E-06	1.00E-06	1.02E-06	9.28E-07	4.14E-07	4.04E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.80E-08	2.12E-07	1.19E-06
484	489663.71	3861050.05	1.67E-03	1.71E-03	1.63E-03	5.79E-07	1.75E-06	1.01E-06	1.04E-06	9.39E-07	4.18E-07	4.08E-07	1.93E-08	4.67E-07	1.03E-07	1.41E-07	2.23E-07	3.84E-08	2.14E-07	1.21E-06
485	489713.71	3861050.05	1.69E-03	1.73E-03	1.65E-03	5.86E-07	1.77E-06	1.02E-06	1.05E-06	9.50E-07	4.23E-07	4.13E-07	1.96E-08	4.72E-07	1.04E-07	1.42E-07	2.26E-07	3.89E-08	2.17E-07	1.22E-06
486	489763.71	3861050.05	1.72E-03	1.76E-03	1.67E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.64E-07	4.30E-07	4.19E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	3.94E-08	2.20E-07	1.24E-06
487	489813.71	3861050.05	1.74E-03	1.78E-03	1.70E-03	6.03E-07	1.82E-06	1.05E-06	1.08E-06	9.79E-07	4.36E-07	4.25E-07	2.01E-08	4.87E-07	1.07E-07	1.47E-07	2.33E-07	4.00E-08	2.23E-07	1.26E-06
488	489863.71	3861050.05	1.77E-03	1.81E-03	1.72E-03	6.11E-07	1.85E-06	1.07E-06	1.09E-06	9.91E-07	4.42E-07	4.31E-07	2.04E-08	4.93E-07	1.09E-07	1.49E-07	2.36E-07	4.06E-08	2.26E-07	1.27E-06
489	489913.71	3861050.05	1.79E-03	1.83E-03	1.75E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.48E-07	4.37E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.11E-08	2.29E-07	1.29E-06
490	489963.71	3861050.05	1.82E-03	1.86E-03	1.77E-03	6.29E-07	1.90E-06	1.10E-06	1.12E-06	1.02E-06	4.55E-07	4.43E-07	2.10E-08	5.07E-07	1.12E-07	1.53E-07	2.42E-07	4.17E-08	2.33E-07	1.31E-06
491	490013.71	3861050.05	1.85E-03	1.89E-03	1.80E-03	6.40E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.62E-07	4.51E-07	2.14E-08	5.16E-07	1.14E-07	1.55E-07	2.47E-07	4.24E-08	2.37E-07	1.33E-06
492	490063.71	3861050.05	1.88E-03	1.92E-03	1.83E-03	6.49E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.58E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.50E-07	4.31E-08	2.40E-07	1.35E-06
493	489513.71	3861100.05	1.56E-03	1.60E-03	1.52E-03	5.40E-07	1.63E-06	9.44E-07	9.67E-07	8.76E-07	3.91E-07	3.81E-07	1.80E-08	4.36E-07	9.61E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.13E-06
494	489563.71	3861100.05	1.57E-03	1.61E-03	1.53E-03	5.45E-07	1.64E-06	9.52E-07	9.75E-07	8.83E-07	3.94E-07	3.84E-07	1.82E-08	4.39E-07	9.69E-08	1.32E-07	2.10E-07	3.61E-08	2.02E-07	1.13E-06
495	489613.71	3861100.05	1.59E-03	1.62E-03	1.55E-03	5.49E-07	1.66E-06	9.59E-07	9.82E-07	8.90E-07	3.97E-07	3.87E-07	1.83E-08	4.43E-07	9.77E-08	1.33E-07	2.12E-07	3.64E-08	2.03E-07	1.14E-06
496	489663.71	3861100.05	1.61E-03	1.65E-03	1.57E-03	5.56E-07	1.68E-06	9.73E-07	9.96E-07	9.03E-07	4.02E-07	3.92E-07	1.86E-08	4.49E-07	9.90E-08	1.35E-07	2.14E-07	3.69E-08	2.06E-07	1.16E-06
497	489713.71	3861100.05	1.63E-03	1.67E-03	1.59E-03	5.64E-07	1.70E-06	9.86E-07	1.01E-06	9.15E-07	4.08E-07	3.98E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.74E-08	2.09E-07	1.17E-06
498	489763.71	3861100.05	1.65E-03	1.69E-03	1.61E-03	5.72E-07	1.73E-06	9.99E-07	1.02E-06	9.27E-07	4.13E-07	4.03E-07	1.91E-08	4.61E-07	1.02E-07	1.39E-07	2.20E-07	3.79E-08	2.12E-07	1.19E-06

499	489813.71	3861100.05	1.68E-03	1.72E-03	1.63E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.41E-07	4.19E-07	4.09E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.24E-07	3.85E-08	2.15E-07	1.21E-06
500	489863.71	3861100.05	1.70E-03	1.74E-03	1.66E-03	5.90E-07	1.78E-06	1.03E-06	1.05E-06	9.56E-07	4.26E-07	4.16E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.27E-07	3.91E-08	2.18E-07	1.23E-06
501	489913.71	3861100.05	1.72E-03	1.76E-03	1.68E-03	5.96E-07	1.80E-06	1.04E-06	1.07E-06	9.66E-07	4.31E-07	4.20E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.95E-08	2.21E-07	1.24E-06
502	489963.71	3861100.05	1.74E-03	1.79E-03	1.70E-03	6.04E-07	1.82E-06	1.06E-06	1.08E-06	9.79E-07	4.37E-07	4.26E-07	2.02E-08	4.87E-07	1.07E-07	1.47E-07	2.33E-07	4.01E-08	2.23E-07	1.26E-06
503	490013.71	3861100.05	1.77E-03	1.81E-03	1.72E-03	6.11E-07	1.85E-06	1.07E-06	1.09E-06	9.91E-07	4.42E-07	4.31E-07	2.04E-08	4.93E-07	1.09E-07	1.48E-07	2.35E-07	4.05E-08	2.26E-07	1.27E-06
504	490063.71	3861100.05	1.79E-03	1.83E-03	1.75E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.48E-07	4.37E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.11E-08	2.29E-07	1.29E-06
505	489713.71	3861150.05	1.57E-03	1.61E-03	1.53E-03	5.44E-07	1.64E-06	9.51E-07	9.73E-07	8.82E-07	3.93E-07	3.84E-07	1.82E-08	4.39E-07	9.68E-08	1.32E-07	2.10E-07	3.61E-08	2.01E-07	1.13E-06
506	489763.71	3861150.05	1.59E-03	1.63E-03	1.55E-03	5.51E-07	1.66E-06	9.64E-07	9.86E-07	8.94E-07	3.99E-07	3.89E-07	1.84E-08	4.45E-07	9.81E-08	1.34E-07	2.12E-07	3.66E-08	2.04E-07	1.15E-06
507	489813.71	3861150.05	1.61E-03	1.65E-03	1.57E-03	5.59E-07	1.69E-06	9.77E-07	1.00E-06	9.06E-07	4.04E-07	3.94E-07	1.87E-08	4.51E-07	9.95E-08	1.36E-07	2.15E-07	3.71E-08	2.07E-07	1.16E-06
508	489863.71	3861150.05	1.63E-03	1.67E-03	1.59E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.18E-07	4.09E-07	3.99E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.75E-08	2.09E-07	1.18E-06
509	489913.71	3861150.05	1.65E-03	1.69E-03	1.61E-03	5.73E-07	1.73E-06	1.00E-06	1.02E-06	9.29E-07	4.14E-07	4.04E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.80E-08	2.12E-07	1.19E-06
510	489963.71	3861150.05	1.67E-03	1.71E-03	1.63E-03	5.79E-07	1.75E-06	1.01E-06	1.04E-06	9.39E-07	4.18E-07	4.08E-07	1.93E-08	4.67E-07	1.03E-07	1.41E-07	2.23E-07	3.84E-08	2.14E-07	1.21E-06
511	490013.71	3861150.05	1.69E-03	1.73E-03	1.65E-03	5.85E-07	1.77E-06	1.02E-06	1.05E-06	9.49E-07	4.23E-07	4.13E-07	1.95E-08	4.72E-07	1.04E-07	1.42E-07	2.26E-07	3.88E-08	2.17E-07	1.22E-06
512	490063.71	3861150.05	1.71E-03	1.76E-03	1.67E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.63E-07	4.29E-07	4.19E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	3.94E-08	2.20E-07	1.24E-06
513	489613.71	3861200.05	1.48E-03	1.51E-03	1.44E-03	5.11E-07	1.54E-06	8.94E-07	9.15E-07	8.29E-07	3.70E-07	3.61E-07	1.71E-08	4.13E-07	9.10E-08	1.24E-07	1.97E-07	3.39E-08	1.89E-07	1.07E-06
514	489663.71	3861200.05	1.50E-03	1.53E-03	1.46E-03	5.18E-07	1.56E-06	9.05E-07	9.27E-07	8.40E-07	3.75E-07	3.65E-07	1.73E-08	4.18E-07	9.22E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
515	489713.71	3861200.05	1.52E-03	1.55E-03	1.48E-03	5.25E-07	1.58E-06	9.17E-07	9.39E-07	8.51E-07	3.79E-07	3.70E-07	1.75E-08	4.23E-07	9.34E-08	1.27E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
516	489763.71	3861200.05	1.54E-03	1.57E-03	1.50E-03	5.31E-07	1.60E-06	9.29E-07	9.51E-07	8.62E-07	3.84E-07	3.75E-07	1.77E-08	4.29E-07	9.46E-08	1.29E-07	2.05E-07	3.53E-08	1.97E-07	1.11E-06
517	489813.71	3861200.05	1.56E-03	1.59E-03	1.52E-03	5.38E-07	1.63E-06	9.41E-07	9.63E-07	8.73E-07	3.89E-07	3.80E-07	1.80E-08	4.34E-07	9.58E-08	1.31E-07	2.07E-07	3.57E-08	1.99E-07	1.12E-06
518	489863.71	3861200.05	1.58E-03	1.61E-03	1.54E-03	5.46E-07	1.65E-06	9.54E-07	9.76E-07	8.85E-07	3.95E-07	3.85E-07	1.82E-08	4.40E-07	9.71E-08	1.33E-07	2.10E-07	3.62E-08	2.02E-07	1.14E-06
519	489913.71	3861200.05	1.59E-03	1.63E-03	1.55E-03	5.51E-07	1.66E-06	9.64E-07	9.87E-07	8.94E-07	3.99E-07	3.89E-07	1.84E-08	4.45E-07	9.81E-08	1.34E-07	2.12E-07	3.66E-08	2.04E-07	1.15E-06
520	489963.71	3861200.05	1.61E-03	1.65E-03	1.57E-03	5.57E-07	1.68E-06	9.73E-07	9.96E-07	9.03E-07	4.02E-07	3.92E-07	1.86E-08	4.49E-07	9.91E-08	1.35E-07	2.14E-07	3.69E-08	2.06E-07	1.16E-06
521	490013.71	3861200.05	1.63E-03	1.66E-03	1.59E-03	5.63E-07	1.70E-06	9.84E-07	1.01E-06	9.13E-07	4.07E-07	3.97E-07	1.88E-08	4.54E-07	1.00E-07	1.37E-07	2.17E-07	3.74E-08	2.08E-07	1.17E-06
522	490063.71	3861200.05	1.64E-03	1.68E-03	1.60E-03	5.69E-07	1.72E-06	9.94E-07	1.02E-06	9.23E-07	4.11E-07	4.01E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.11E-07	1.18E-06
523	489513.71	3861250.05	1.39E-03	1.43E-03	1.36E-03	4.82E-07	1.46E-06	8.42E-07	8.62E-07	7.82E-07	3.48E-07	3.40E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.20E-08	1.78E-07	1.00E-06
524	489563.71	3861250.05	1.41E-03	1.45E-03	1.38E-03	4.89E-07	1.48E-06	8.54E-07	8.74E-07	7.93E-07	3.53E-07	3.45E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
525	489613.71	3861250.05	1.43E-03	1.46E-03	1.39E-03	4.95E-07	1.49E-06	8.65E-07	8.86E-07	8.03E-07	3.58E-07	3.49E-07	1.65E-08	3.99E-07	8.81E-08	1.20E-07	1.91E-07	3.29E-08	1.83E-07	1.03E-06
526	489663.71	3861250.05	1.45E-03	1.48E-03	1.41E-03	5.01E-07	1.51E-06	8.75E-07	8.96E-07	8.12E-07	3.62E-07	3.53E-07	1.67E-08	4.04E-07	8.91E-08	1.22E-07	1.93E-07	3.32E-08	1.85E-07	1.04E-06
527	489713.71	3861250.05	1.46E-03	1.50E-03	1.43E-03	5.07E-07	1.53E-06	8.86E-07	9.07E-07	8.22E-07	3.66E-07	3.57E-07	1.69E-08	4.09E-07	9.02E-08	1.23E-07	1.95E-07	3.36E-08	1.88E-07	1.06E-06
528	489763.71	3861250.05	1.48E-03	1.52E-03	1.44E-03	5.13E-07	1.55E-06	8.96E-07	9.18E-07	8.32E-07	3.71E-07	3.62E-07	1.71E-08	4.14E-07	9.13E-08	1.25E-07	1.98E-07	3.40E-08	1.90E-07	1.07E-06
529	489813.71	3861250.05	1.50E-03	1.53E-03	1.46E-03	5.19E-07	1.57E-06	9.07E-07	9.28E-07	8.42E-07	3.75E-07	3.66E-07	1.73E-08	4.19E-07	9.24E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
530	489863.71	3861250.05	1.52E-03	1.55E-03	1.48E-03	5.25E-07	1.58E-06	9.17E-07	9.39E-07	8.51E-07	3.79E-07	3.70E-07	1.75E-08	4.23E-07	9.34E-08	1.27E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
531	489913.71	3861250.05	1.53E-03	1.57E-03	1.50E-03	5.31E-07	1.60E-06	9.28E-07	9.50E-07	8.61E-07	3.84E-07	3.74E-07	1.77E-08	4.28E-07	9.45E-08	1.29E-07	2.05E-07	3.52E-08	1.97E-07	1.11E-06
532	489963.71	3861250.05	1.55E-03	1.59E-03	1.51E-03	5.37E-07	1.62E-06	9.38E-07	9.60E-07	8.70E-07	3.88E-07	3.78E-07	1.79E-08	4.33E-07	9.55E-08	1.30E-07	2.07E-07	3.56E-08	1.99E-07	1.12E-06
533	490013.71	3861250.05	1.57E-03	1.60E-03	1.53E-03	5.42E-07	1.64E-06	9.47E-07	9.69E-07	8.79E-07	3.92E-07	3.82E-07	1.81E-08	4.37E-07	9.64E-08	1.32E-07	2.09E-07	3.60E-08	2.01E-07	1.13E-06
534	490063.71	3861250.05	1.58E-03	1.61E-03	1.54E-03	5.46E-07	1.65E-06	9.54E-07	9.77E-07	8.86E-07	3.95E-07	3.85E-07	1.82E-08	4.40E-07	9.72E-08	1.33E-07	2.10E-07	3.62E-08	2.02E-07	1.14E-06
535	489528.13	3861308.47	1.34E-03	1.38E-03	1.31E-03	4.65E-07	1.41E-06	8.14E-07	8.33E-07	7.55E-07	3.37E-07	3.28E-07	1.55E-08	3.75E-07	8.28E-08	1.13E-07	1.79E-07	3.09E-08	1.72E-07	9.69E-07
536	489578.13	3861308.47	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.24E-07	8.43E-07	7.64E-07	3.41E-07	3.32E-07	1.57E-08	3.80E-07	8.39E-08	1.14E-07	1.82E-07	3.13E-08	1.74E-07	9.81E-07
537	489628.13	3861308.47	1.38E-03	1.41E-03	1.34E-03	4.77E-07	1.44E-06	8.33E-07	8.53E-07	7.73E-07	3.45E-07	3.36E-07	1.59E-08	3.85E-07	8.49E-08	1.16E-07	1.84E-07	3.16E-08	1.76E-07	9.93E-07
538	489678.13	3861308.47	1.39E-03	1.43E-03	1.36E-03	4.83E-07	1.46E-06	8.44E-07	8.63E-07	7.83E-07	3.49E-07	3.40E-07	1.61E-08	3.89E-07	8.59E-08	1.17E-07	1.86E-07	3.20E-08	1.79E-07	1.01E-06
539	489728.13	3861308.47	1.41E-03	1.44E-03	1.38E-03	4.88E-07	1.47E-06	8.53E-07	8.74E-07	7.92E-07	3.53E-07	3.44E-07	1.63E-08	3.94E-07	8.69E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
540	489778.13	3861308.47	1.42E-03	1.46E-03	1.39E-03	4.93E-07	1.49E-06	8.62E-07	8.82E-07	8.00E-07	3.57E-07	3.48E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.27E-08	1.83E-07	1.03E-06
541	489678.13	3861358.47	1.35E-03	1.38E-03	1.31E-03	4.66E-07	1.41E-06	8.15E-07	8.34E-07	7.56E-07	3.37E-07	3.29E-07	1.56E-08	3.76E-07	8.30E-08	1.13E-07	1.80E-07	3.09E-08	1.73E-07	9.71E-07
542	489728.13	3861358.47	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.24E-07	8.43E-07	7.64E-07	3.41E-07	3.32E-07	1.57E-08	3.80E-07	8.39E-08	1.14E-07	1.82E-07	3.13E-08	1.74E-07	9.81E-07
543	489528.13	3861408.47	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.07E-07	3.15E-07	3.07E-07	1.46E-08	3.52E-07	7.76E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.08E-07
544	489578.13	3861408.47	1.27E-03	1.30E-03	1.24E-03	4.41E-07	1.33E-06	7.70E-07	7.89E-07	7.15E-07	3.19E-07	3.11E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.92E-08	1.63E-07	9.18E-07
545	489628.13	3861408.47	1.29E-03	1.32E-03	1.26E-03	4.47E-07	1.35E-06	7.81E-07	7.99E-07	7.25E-07	3.23E-07	3.15E-07	1.49E-08	3.60E-07	7.95E-08	1.09E-07	1.72E-07	2.96E-08	1.65E-07	9.30E-07
546	489678.13	3861408.47	1.30E-03	1.33E-03	1.27E-03	4.51E-07	1.36E-06	7.88E-07	8.07E-07	7.31E-07	3.26E-07	3.18E-07	1.51E-08	3.64E-07	8.03E-08	1.10E-07	1.74E-07	2.99E-08	1.67E-07	9.39E-07
547	489728.13	3861408.47	1.31E-03	1.34E-03	1.28E-03	4.55E-07	1.37E-06	7.95E-07	8.14E-07	7.38E-07	3.29E-07	3.21E-07	1.52E-08	3.67E-07	8.10E-08	1.10E-07	1.75E-07	3.02E-08	1.68E-07	9.47E-07
548	489528.13	3861458.47	1.22E-03	1.25E-03	1.19E-03	4.23E-07	1.28E-06	7.39E-07	7.56E-07	6.86E-07	3.06E-07	2.98E-07	1.41E-08	3.41E-07	7.52E-08	1.03E-07	1.63E-07	2.80E-08	1.56E-07	8.80E-07
549	489578.13	3861458.47	1.23E-03	1.26E-03	1.20E-03	4.27E-07	1.29E-06	7.47E-07	7.64E-07	6.93E-07	3.09E-07	3.01E-07	1.43E-08	3.45E-07	7.60E-08	1.04E-07	1.65E-07	2.83E-08	1.58E-07	8.90E-07
550	489628.13	3861458.47	1.25E-03	1.28E-03	1.22E-03	4.32E-07	1.30E-06	7.55E-07	7.72E-07	7.00E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.99E-07
551	489678.13	3861458.47	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.61E-07	7.79E-07	7.06E-07	3.15E-07	3.07E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.07E-07
552	489728.13	3861458.47	1.27E-03	1.30E-03	1.24E-03	4.39E-07	1.32E-06	7.67E-07	7.85E-07	7.11E-07	3.17E-07	3.09E-07	1.46E-08	3.54E-07	7.81E-08	1.07E-07	1.69E-07	2.91E-08	1.62E-07	9.13E-07
553	489528.13	3861508.47	1.18E-03	1.21E-03	1.15E-03	4.10E-07	1.24E-06	7.16E-07	7.33E-07	6.64E-07	2.96E-07	2.89E-07	1.37E-08	3.30E-07	7.29E-08	9.95E-08	1.58E-07	2.72E-08	1.52E-07	8.53E-07
554	489578.13	3861508.47	1.19E-03	1.22E-03	1.16E-03	4.13E-07	1.25E-06	7.23E-07	7.40E-07	6.71E-07	2.99E-07	2.92E-07	1.38E-08	3.34E-07	7.36E-08	1.00E-07	1.59E-07	2.74E-08	1.53E-07	8.61E-07
555	489628.13	3861508.47	1.20E-03	1.23E-03	1.18E-03	4.17E-07	1.26E-06	7.29E-07	7.46E-07	6.76E-07	3.02E-07	2.94E-07	1.39E-08	3.36E-07	7.42E-08	1.01E-07	1.61E-07	2.77E-08	1.54E-07	8.69E-07
556	489678.13	3861508.47	1.21E-03	1.24E-03	1.18E-03	4.20E-07	1.27E-06	7.35E-07	7.52E-07	6.82E-07	3.04E-07	2.96E-07	1.40E-08	3.39E-07	7.48E-08	1.02E-07	1.62E-07	2.79E-08	1.56E-07	8.76E-07
557	489728.13	3861508.47	1.22E-03	1.25E-03	1.19E-03	4.24E-07	1.28E-06	7.40E-07	7.58E-07	6.87E-07	3.06E-07	2.99E-07	1.41E-08	3.42E-07	7.54E-08	1.03E-07	1.63E-07	2.81E-08	1.57E-07	8.82E-07
558	489628.13	3861558.47	1.17E-03	1.20E-03	1.14E-03	4.04E-07	1.22E-06	7.07E-07	7.23E-07	6.56E-07	2.92E-07	2.85E-07	1.35E-08	3.26E-07	7.20E-08	9.82E-08	1.56E-07	2.68E-08	1.50E-07	8.42E-07
559	489678.13	3861558.47	1.18E-03	1.21E-03	1.15E-03	4.08E-07	1.23E-06	7.14E-07	7.31E-07	6.62E-07	2.95E-07	2.88E-07	1.36E-08	3.29E-07	7.27E-08	9.92E-08	1.57E-07	2.71E-08	1.51E-07	8.50E-07
560	489728.13	3861558.47	1.19E-03	1.22E-03	1.16E-03	4.11E-07	1.24E-06	7.19E-07	7.36E-07	6.67E-07	2.97E-07	2.90E-07	1.37E-08	3.32E-07	7.32E-08	9.99E-08	1.58E-07	2.73E-08	1.52E-07	8.56E-07
561	489357.08	3861015.81	1.57E-03	1.61E-03	1.53E-03	5.43E-07	1.64E-06	9.49E-07	9.71E-07	8.80E-07	3.92E-07	3.83E-07	1.81E-08	4.38E-07	9.66E-08	1.32E-07	2.09E-07	3.60E-08	2.01E-07	1.13E-06
562	489407.08	3861015.81	1.59E-03	1.62E-03	1.55E-03	5.49E-07	1.66E-06	9.60E-07	9.83E-07	8.91E-07	3.97E-07	3.87E-07	1.83E-08	4.43E-07	9.78E-08	1.33E-07	2.12E-07	3.64E-08	2.03E-07	1.14E-06
563	489457.08	3861015.81	1.61E-03	1.65E-03	1.57E-03	5.57E-07	1.68E-06	9.73E-07	9.96E-07	9.03E-07	4.03E-07	3.93E-07	1.86E-08	4.49E-07	9.91E-08	1.35E-07	2.15E-07	3.70E-08	2.06E-07	1.16E-06
564	489357.08	3861065.81	1.52E-03	1.56E-03	1.48E-03	5.26E-07	1.59E-06	9.20E-07	9.42E-07	8.54E-07	3.81E-07	3.71E-07	1.76E-08	4.25E-07	9.37E-08	1.28E-07	2.03E-07	3.49E-08	1.95E-07	1.10E-06
565	489407.08	3861065.81	1.54E-03	1.57E-03	1.50E-03	5.32E-07	1.61E-06	9.30E-07	9.52E-07	8.63E-07	3.85E-07	3.75E-07	1.78E-08	4.29E-07	9.47E-08	1.29E-07	2.05E-07	3.53E-08	1.97E-07	1.11E-06
566	489457.08	3861065.81	1.56E-03	1.60E-03	1.52E-03	5.39E-07	1.63E-06	9.43E-07	9.65E-07	8.75E-07	3.90E-07	3.80E-07	1.80E-08	4.35E-07	9.60E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
567	489357.08	3861115.81	1.47E-03	1.51E-03	1.44E-03	5.10E-07	1.54E-06	8.91E-07	9.13E-07	8.27E-07	3.69E-07	3.60E-07	1.70E-08	4.11E-07	9.08E-08	1.24E-07	1.97E-07	3.38E-08	1.89E-07	1.06E-06
568	489407.08	3861115.81	1.49E-03	1.53E-03	1.46E-03	5.17E-07	1.56E-06	9.04E-07	9.25E-07	8.39E-07	3.74E-07	3.65E-07	1.73E-08	4.17E-07	9.20E-08	1.26E-07	1.99E-07	3.43E-08	1.91E-07	1.08E-06
569	489457.08	3861115.81	1.51E-03	1.55E-03	1.48E-03	5.24E-07	1.58E-06	9.16E-07	9.38E-07	8.50E-07	3.79E-07	3.70E-07	1.75E-08	4.23E-07	9.33E-08	1.27E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
570	489407.08	3861165.81	1.45E-03	1.48E-03	1.41E-03	5.02E-07	1.52E-06	8.78E-07	8.98E-07	8.14E-07	3.63E-07	3.54E-07	1.68E-08	4.05E-07	8.94E-08	1.22E-07	1.94E-07	3.33E-08	1.86E-07	1.05E-06
571	489457.08	3861165.81	1.47E-03	1.50E-03	1.43E-03	5.08E-07	1.53E-06	8.87E-07	9.08E-07	8.23E-07	3.67E-07	3.58E-07	1.70E-08	4.09E-07	9.03E-08	1.23E-07	1.96E-07	3.37E-08	1.88E-07	1.06E-06
572	489407.08	3861215.81	1.40E-03	1.43E-03	1.36E-03	4.83E-07	1.46E-06	8.44E-07	8.64E-07	7.83E-07	3.49E-07	3.41E-07	1.61E-08	3.90E-07	8.60E-08	1.17E-07	1.86E-07	3.20E-08	1.79E-07	1.01E-06
573	489457.08	3861215.81	1.41E-03	1.44E-03	1.38E-03	4.89E-07	1.48E-06	8.54E-07	8.74E-07	7.93E-07	3.53E-07	3.45E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
574	489407.08	3861265.81	1.34E-03	1.37E-03	1.31E-03	4.65E-07	1.40E-06	8.12E-07	8.31E-07	7.54E-07	3.36E-07	3.28E-07	1.55E-08	3.75E-07	8.27E-08	1.13E-07	1.79E-07	3.08E-08	1.72E-07	9.68E-07
575	489457.08	3861265.81	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.23E-07	8.42E-07	7.63E-07	3.40E-07	3.32E-07	1.57E-08	3.80E-07	8.38E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.80E-07
576	489309.86	3861110.14	1.46E-03	1.49E-03	1.42E-03	5.05E-07	1.52E-06	8.82E-07	9.03E-07	8.19E-07	3.65E-07	3.56E-07	1.69E-08	4.07E-07	8.98E-08	1.23E-07	1.95E-07	3.35E-08	1.87E-07	1.05E-06
577	489407.08	3861315.81	1.30E-03	1.33E-03	1.27E-03	4.50E-07	1.36E-06	7.87E-07	8.05E-07	7.30E-07	3.25E-07	3.17E-07	1.50E-08	3.63E-07	8.01E-08	1.09E-07	1.73E-07	2.99E-08	1.67E-07	9.38E-07
578	489457.08	3861315.81	1.32E-03	1.35E-03	1.28E-03	4.56E-07	1.38E-06	7.97E-07	8.16E-07	7.39E-07	3.30E-07	3.21E-07	1.52E-08	3.68E-07	8.11E-08	1.11E-07	1.76E-07	3.02E-08	1.69E-07	9.49E-07
579	488906.03	3861006.75	1.41E-03	1.44E-03	1.37E-03	4.87E-07	1.47E-06	8.51E-07	8.71E-07	7.89E-07	3.52E-07	3.43E-07	1.63E-08	3.93E-07	8.66E-08	1.18E-07	1.88E-07	3.23E-08	1.80E-07	1.01E-06
580	488956.03	3861006.75	1.43E-03	1.47E-03	1.40E-03	4.96E-07	1.50E-06	8.66E-07	8.87E-07	8.04E-07	3.58E-07	3.50E-07	1.66E-08	4.00E-07	8.82E-08	1.20E-07	1.91E-07	3.29E-08	1.83E-07	1.03E-06
581	488904.24	3861051.87	1.39E-03	1.42E-03	1.36E-03	4.82E-07	1.45E-06	8.42E-07	8.62E-07	7.81E-07	3.48E-07	3.40E-07	1.61E-08	3.89E-07	8.57E-08	1.17E-07	1.86E-07	3.20E-08	1.78E-07	1.00E-06
582	488954.24	3861051.87	1.40E-03	1.44E-03	1.37E-03	4.86E-07	1.47E-06	8.49E-07	8.69E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.92E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
583	489004.24	3861051.87	1.43E-03	1.46E-03	1.39E-03	4.95E-07	1.49E-06	8.65E-07	8.85E-07	8.02E-07	3.58E-07	3.49E-07	1.65E-08	3.99E-07	8.80E-08	1.20E-07	1.91E-07	3.28E-08	1.83E-07	1.03E-06
584	488804.24	3861101.87	1.31E-03	1.34E-03	1.27E-03	4.52E-07	1.36E-06	7.90E-07	8.08E-07	7.33E-07	3.27E-07	3.19E-07	1.51E-08	3.64E-07	8.04E-08	1.10E-07	1.74E-07	3.00E-08	1.67E-07	9.41E-07
585	488854.24	3861101.87	1.33E-03	1.36E-03	1.30E-03	4.60E-07	1.39E-06	8.03E-07	8.22E-07	7.46E-07	3.32E-07	3.24E-07	1.53E-08	3.71E-07	8.18E-08	1.12E-07	1.77E-07	3.05E-08	1.70E-07	9.57E-07
586	488904.24	3861101.87	1.33E-03	1.36E-03	1.30E-03	4.60E-07	1.39E-06	8.04E-07	8.23E-07	7.46E-07	3.33E-07	3.24E-07	1.54E-08	3.71E-07	8.19E-08	1.12E-07	1.77E-07	3.05E-08	1.70E-07	9.58E-07
587	488954.24	3861101.87	1.34E-03	1.37E-03	1.31E-03	4.64E-07	1.40E-06	8.11E-07	8.30E-07	7.53E-07	3.35E-07	3.27E-07	1.55E-08	3.74E-07	8.26E-08	1.13E-07	1.79E-07	3.08E-08	1.72E-07	9.66E-07
588	489004.24	3861101.87	1.36E-03	1.39E-03	1.33E-03	4.70E-07	1.42E-06	8.22E-07	8.42E-07	7.63E-07	3.40E-07	3.32E-07	1.57E-08	3.79E-07	8.37E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.80E-07
589	488804.24	3861151.87	1.25E-03	1.28E-03	1.22E-03	4.32E-07	1.30E-06	7.55E-07	7.72E-07	7.00E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.99E-07
590	488854.24	3861151.87	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.63E-07	7.81E-07	7.08E-07	3.15E-07	3.08E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.09E-07
591	489129.49	3861187.55	1.32E-03	1.35E-03	1.29E-03	4.57E-07	1.38E-06	8.00E-07	8.18E-07	7.42E-07	3.31E-07	3.23E-07	1.53E-08	3.69E-07	8.14E-08	1.11E-07	1.76E-07	3.04E-08	1.69E-07	9.53E-07
592	489179.49	3861187.55	1.34E-03	1.37E-03	1.30E-03	4.63E-07	1.40E-06	8.09E-07	8.28E-07	7.50E-07	3.35E-07	3.26E-07	1.55E-08	3.73E-07	8.24E-08	1.12E-07	1.78E-07	3.07E-08	1.71E-07	9.64E-07
593	488804.24	3861201.87	1.22E-03	1.24E-03	1.19E-03	4.21E-07	1.27E-06	7.35E-07	7.53E-07	6.82E-07	3.04E-07	2.97E-07	1.40E-08	3.39E-07	7.49E-08	1.02E-07	1.62E-07	2.79E-08	1.56E-07	8.76E-07
594	488854.24	3861201.87	1.22E-03	1.25E-03	1.19E-03	4.23E-07	1.28E-06	7.40E-07	7.58E-07	6.87E-07	3.06E-07	2.99E-07	1.41E-08	3.42E-07	7.54E-08	1.03E-07	1.63E-07	2.81E-08	1.57E-07	8.82E-07
595	489129.49	3861237.55	1.29E-03	1.32E-03	1.26E-03	4.46E-07	1.35E-06	7.80E-07	7.98E-07	7.24E-07	3.23E-07	3.15E-07	1.49E-08	3.60E-07	7.94E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.29E-07
596	489179.49	3861237.55	1.30E-03	1.33E-03	1.27E-03	4.50E-07	1.36E-06	7.86E-07	8.05E-07	7.29E-07	3.25E-07	3.17E-07	1.50E-08	3.63E-07	8.00E-08	1.09E-07	1.73E-07	2.98E-08	1.66E-07	9.37E-07
597	488804.24	3861251.87	1.19E-03	1.21E-03	1.16E-03	4.11E-07	1.24E-06	7.18E-07	7.35E-07	6.66E-07	2.97E-07	2.90E-07	1.37E-08	3.31E-07	7.31E-08	9.98E-08	1.58E-07	2.73E-08	1.52E-07	8.56E-07
598	488854.24	3861251.87	1.19E-03	1.22E-03	1.16E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.70E-07	2.99E-07	2.91E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.74E-08	1.53E-07	8.60E-07
599	488804.24	3861301.87	1.15E-03	1.18E-03	1.13E-03	4.00E-07	1.21E-06	6.98E-07	7.15E-07	6.48E-07	2.89E-07	2.82E-07	1.33E-08	3.22E-07	7.11E-08	9.71E-08	1.54E-07	2.65E-08	1.48E-07	8.32E-07

600	488854.24	3861301.87	1.16E-03	1.19E-03	1.13E-03	4.03E-07	1.22E-06	7.04E-07	7.20E-07	6.53E-07	2.91E-07	2.84E-07	1.34E-08	3.25E-07	7.17E-08	9.78E-08	1.55E-07	2.67E-08	1.49E-07	8.39E-07
601	490943.5	3860181.97	1.22E-02	1.25E-02	1.19E-02	4.21E-06	1.27E-05	7.36E-06	7.54E-06	6.83E-06	3.05E-06	2.97E-06	1.41E-07	3.40E-06	7.50E-07	1.02E-06	1.62E-06	2.80E-07	1.56E-06	8.77E-06
602	490993.5	3860181.97	1.33E-02	1.37E-02	1.30E-02	4.62E-06	1.39E-05	8.07E-06	8.26E-06	7.49E-06	3.34E-06	3.26E-06	1.54E-07	3.72E-06	8.22E-07	1.12E-06	1.78E-06	3.06E-07	1.71E-06	9.62E-06
603	491043.5	3860181.97	1.48E-02	1.52E-02	1.45E-02	5.14E-06	1.55E-05	8.98E-06	9.19E-06	8.33E-06	3.71E-06	3.62E-06	1.71E-07	4.14E-06	9.14E-07	1.25E-06	1.98E-06	3.41E-07	1.90E-06	1.07E-05
604	491093.5	3860181.97	1.67E-02	1.71E-02	1.63E-02	5.78E-06	1.74E-05	1.01E-05	1.03E-05	9.37E-06	4.18E-06	4.07E-06	1.93E-07	4.66E-06	1.03E-06	1.40E-06	2.23E-06	3.83E-07	2.14E-06	1.20E-05
605	490943.5	3860231.97	1.05E-02	1.08E-02	1.03E-02	3.65E-06	1.10E-05	6.38E-06	6.53E-06	5.92E-06	2.64E-06	2.57E-06	1.22E-07	2.94E-06	6.50E-07	8.87E-07	1.41E-06	2.42E-07	1.35E-06	7.60E-06
606	490993.5	3860231.97	1.16E-02	1.19E-02	1.13E-02	4.01E-06	1.21E-05	7.01E-06	7.17E-06	6.50E-06	2.90E-06	2.83E-06	1.34E-07	3.23E-06	7.13E-07	9.74E-07	1.54E-06	2.66E-07	1.48E-06	8.35E-06
607	491043.5	3860231.97	1.26E-02	1.29E-02	1.23E-02	4.36E-06	1.32E-05	7.62E-06	7.80E-06	7.07E-06	3.15E-06	3.07E-06	1.45E-07	3.51E-06	7.76E-07	1.06E-06	1.68E-06	2.89E-07	1.61E-06	9.07E-06
608	491093.5	3860231.97	1.38E-02	1.42E-02	1.35E-02	4.79E-06	1.45E-05	8.37E-06	8.57E-06	7.77E-06	3.46E-06	3.38E-06	1.60E-07	3.86E-06	8.52E-07	1.16E-06	1.85E-06	3.18E-07	1.77E-06	9.97E-06
609	490943.5	3860281.97	9.28E-03	9.50E-03	9.05E-03	3.21E-06	9.70E-06	5.61E-06	5.75E-06	5.21E-06	2.32E-06	2.26E-06	1.07E-07	2.59E-06	5.72E-07	7.80E-07	1.24E-06	2.13E-07	1.19E-06	6.69E-06
610	490993.5	3860281.97	1.01E-02	1.03E-02	9.81E-03	3.48E-06	1.05E-05	6.09E-06	6.23E-06	5.65E-06	2.52E-06	2.46E-06	1.16E-07	2.81E-06	6.20E-07	8.46E-07	1.34E-06	2.31E-07	1.29E-06	7.26E-06
611	491043.5	3860281.97	1.09E-02	1.11E-02	1.06E-02	3.76E-06	1.14E-05	6.58E-06	6.73E-06	6.10E-06	2.72E-06	2.65E-06	1.26E-07	3.03E-06	6.70E-07	9.14E-07	1.45E-06	2.50E-07	1.39E-06	7.84E-06
612	491093.5	3860281.97	1.18E-02	1.21E-02	1.15E-02	4.09E-06	1.23E-05	7.15E-06	7.32E-06	6.63E-06	2.96E-06	2.88E-06	1.37E-07	3.30E-06	7.28E-07	9.93E-07	1.58E-06	2.71E-07	1.51E-06	8.52E-06
613	490943.5	3860331.97	8.23E-03	8.42E-03	8.03E-03	2.85E-06	8.60E-06	4.98E-06	5.10E-06	4.62E-06	2.06E-06	2.01E-06	9.51E-08	2.30E-06	5.07E-07	6.92E-07	1.10E-06	1.89E-07	1.05E-06	5.93E-06
614	490993.5	3860331.97	8.75E-03	8.96E-03	8.54E-03	3.03E-06	9.15E-06	5.30E-06	5.42E-06	4.92E-06	2.19E-06	2.14E-06	1.01E-07	2.44E-06	5.39E-07	7.36E-07	1.17E-06	2.01E-07	1.12E-06	6.31E-06
615	491043.5	3860331.97	9.38E-03	9.60E-03	9.14E-03	3.25E-06	9.80E-06	5.67E-06	5.81E-06	5.26E-06	2.35E-06	2.29E-06	1.08E-07	2.62E-06	5.78E-07	7.88E-07	1.25E-06	2.15E-07	1.20E-06	6.76E-06
616	491093.5	3860331.97	1.01E-02	1.04E-02	9.87E-03	3.50E-06	1.06E-05	6.12E-06	6.27E-06	5.68E-06	2.53E-06	2.47E-06	1.17E-07	2.83E-06	6.23E-07	8.51E-07	1.35E-06	2.32E-07	1.30E-06	7.29E-06
617	490086.72	3859935.12	8.76E-03	8.96E-03	8.54E-03	3.03E-06	9.15E-06	5.30E-06	5.42E-06	4.92E-06	2.19E-06	2.14E-06	1.01E-07	2.45E-06	5.40E-07	7.36E-07	1.17E-06	2.01E-07	1.12E-06	6.31E-06
618	490136.72	3859935.12	9.25E-03	9.47E-03	9.03E-03	3.20E-06	9.67E-06	5.60E-06	5.73E-06	5.20E-06	2.32E-06	2.26E-06	1.07E-07	2.58E-06	5.70E-07	7.78E-07	1.23E-06	2.13E-07	1.19E-06	6.67E-06
619	490186.72	3859935.12	9.80E-03	1.00E-02	9.56E-03	3.39E-06	1.02E-05	5.93E-06	6.07E-06	5.50E-06	2.45E-06	2.39E-06	1.13E-07	2.74E-06	6.04E-07	8.24E-07	1.31E-06	2.25E-07	1.26E-06	7.07E-06
620	490236.72	3859935.12	1.04E-02	1.07E-02	1.01E-02	3.60E-06	1.09E-05	6.30E-06	6.45E-06	5.84E-06	2.60E-06	2.54E-06	1.20E-07	2.91E-06	6.41E-07	8.75E-07	1.39E-06	2.39E-07	1.33E-06	7.50E-06
621	490286.72	3859935.12	1.10E-02	1.13E-02	1.08E-02	3.82E-06	1.15E-05	6.68E-06	6.83E-06	6.20E-06	2.76E-06	2.69E-06	1.28E-07	3.08E-06	6.80E-07	9.28E-07	1.47E-06	2.53E-07	1.41E-06	7.96E-06
622	490336.72	3859935.12	1.17E-02	1.20E-02	1.14E-02	4.06E-06	1.23E-05	7.10E-06	7.26E-06	6.58E-06	2.94E-06	2.86E-06	1.36E-07	3.27E-06	7.23E-07	9.86E-07	1.56E-06	2.69E-07	1.50E-06	8.46E-06
623	490386.72	3859935.12	1.26E-02	1.28E-02	1.22E-02	4.34E-06	1.31E-05	7.59E-06	7.77E-06	7.05E-06	3.14E-06	3.06E-06	1.45E-07	3.50E-06	7.73E-07	1.06E-06	1.67E-06	2.88E-07	1.61E-06	9.05E-06
624	490436.72	3859935.12	1.35E-02	1.38E-02	1.31E-02	4.66E-06	1.41E-05	8.14E-06	8.34E-06	7.56E-06	3.37E-06	3.29E-06	1.56E-07	3.76E-06	8.29E-07	1.13E-06	1.80E-06	3.09E-07	1.72E-06	9.70E-06
625	490486.72	3859935.12	1.46E-02	1.49E-02	1.42E-02	5.04E-06	1.52E-05	8.81E-06	9.02E-06	8.18E-06	3.64E-06	3.55E-06	1.68E-07	4.07E-06	8.97E-07	1.22E-06	1.94E-06	3.34E-07	1.87E-06	1.05E-05
626	490536.72	3859935.12	1.62E-02	1.65E-02	1.58E-02	5.60E-06	1.69E-05	9.78E-06	1.00E-05	9.08E-06	4.05E-06	3.95E-06	1.87E-07	4.51E-06	9.96E-07	1.36E-06	2.16E-06	3.71E-07	2.07E-06	1.17E-05
627	490586.72	3859935.12	1.82E-02	1.86E-02	1.78E-02	6.31E-06	1.90E-05	1.10E-05	1.13E-05	1.02E-05	4.56E-06	4.45E-06	2.11E-07	5.09E-06	1.12E-06	1.53E-06	2.43E-06	4.18E-07	2.33E-06	1.31E-05
628	490636.72	3859935.12	2.04E-02	2.09E-02	1.99E-02	7.07E-06	2.13E-05	1.24E-05	1.26E-05	1.15E-05	5.11E-06	4.99E-06	2.36E-07	5.70E-06	1.26E-06	1.72E-06	2.72E-06	4.69E-07	2.62E-06	1.47E-05
629	490686.72	3859935.12	2.39E-02	2.45E-02	2.33E-02	8.29E-06	2.50E-05	1.45E-05	1.48E-05	1.34E-05	5.99E-06	5.84E-06	2.77E-07	6.68E-06	1.47E-06	2.01E-06	3.19E-06	5.50E-07	3.07E-06	1.73E-05
630	490736.72	3859935.12	2.81E-02	2.88E-02	2.74E-02	9.73E-06	2.94E-05	1.70E-05	1.74E-05	1.58E-05	7.03E-06	6.86E-06	3.25E-07	7.85E-06	1.73E-06	2.36E-06	3.75E-06	6.46E-07	3.60E-06	2.03E-05
631	490086.72	3859985.12	7.77E-03	7.95E-03	7.58E-03	2.69E-06	8.12E-06	4.70E-06	4.81E-06	4.36E-06	1.94E-06	1.90E-06	8.98E-08	2.17E-06	4.79E-07	6.53E-07	1.04E-06	1.78E-07	9.95E-07	5.60E-06
632	490136.72	3859985.12	8.15E-03	8.34E-03	7.95E-03	2.82E-06	8.52E-06	4.93E-06	5.05E-06	4.58E-06	2.04E-06	1.99E-06	9.42E-08	2.28E-06	5.02E-07	6.85E-07	1.09E-06	1.87E-07	1.04E-06	5.88E-06
633	490186.72	3859985.12	8.59E-03	8.80E-03	8.38E-03	2.98E-06	8.98E-06	5.20E-06	5.32E-06	4.83E-06	2.15E-06	2.10E-06	9.93E-08	2.40E-06	5.30E-07	7.23E-07	1.15E-06	1.97E-07	1.10E-06	6.20E-06
634	490236.72	3859985.12	9.10E-03	9.31E-03	8.88E-03	3.15E-06	9.51E-06	5.51E-06	5.64E-06	5.11E-06	2.28E-06	2.22E-06	1.05E-07	2.54E-06	5.61E-07	7.65E-07	1.21E-06	2.09E-07	1.17E-06	6.56E-06
635	490286.72	3859985.12	9.59E-03	9.82E-03	9.35E-03	3.32E-06	1.00E-05	5.80E-06	5.94E-06	5.38E-06	2.40E-06	2.34E-06	1.11E-07	2.68E-06	5.91E-07	8.06E-07	1.28E-06	2.20E-07	1.23E-06	6.91E-06
636	490336.72	3859985.12	1.01E-02	1.04E-02	9.86E-03	3.50E-06	1.06E-05	6.12E-06	6.26E-06	5.68E-06	2.53E-06	2.47E-06	1.17E-07	2.82E-06	6.23E-07	8.50E-07	1.35E-06	2.32E-07	1.30E-06	7.29E-06
637	490386.72	3859985.12	1.06E-02	1.09E-02	1.04E-02	3.68E-06	1.11E-05	6.43E-06	6.58E-06	5.96E-06	2.66E-06	2.59E-06	1.23E-07	2.97E-06	6.55E-07	8.93E-07	1.42E-06	2.44E-07	1.36E-06	7.66E-06
638	490436.72	3859985.12	1.12E-02	1.15E-02	1.10E-02	3.89E-06	1.18E-05	6.81E-06	6.97E-06	6.32E-06	2.82E-06	2.75E-06	1.30E-07	3.14E-06	6.93E-07	9.46E-07	1.50E-06	2.58E-07	1.44E-06	8.11E-06
639	490486.72	3859985.12	1.20E-02	1.23E-02	1.17E-02	4.16E-06	1.25E-05	7.26E-06	7.44E-06	6.74E-06	3.00E-06	2.93E-06	1.39E-07	3.35E-06	7.40E-07	1.01E-06	1.60E-06	2.76E-07	1.54E-06	8.66E-06
640	490536.72	3859985.12	1.30E-02	1.33E-02	1.27E-02	4.49E-06	1.36E-05	7.85E-06	8.03E-06	7.28E-06	3.25E-06	3.17E-06	1.50E-07	3.62E-06	7.99E-07	1.09E-06	1.73E-06	2.98E-07	1.66E-06	9.35E-06
641	490586.72	3859985.12	1.42E-02	1.45E-02	1.38E-02	4.91E-06	1.48E-05	8.58E-06	8.79E-06	7.96E-06	3.55E-06	3.46E-06	1.64E-07	3.96E-06	8.74E-07	1.19E-06	1.89E-06	3.26E-07	1.82E-06	1.02E-05
642	490636.72	3859985.12	1.57E-02	1.61E-02	1.53E-02	5.43E-06	1.64E-05	9.50E-06	9.72E-06	8.81E-06	3.93E-06	3.83E-06	1.81E-07	4.38E-06	9.67E-07	1.32E-06	2.09E-06	3.61E-07	2.01E-06	1.13E-05
643	490686.72	3859985.12	1.78E-02	1.82E-02	1.74E-02	6.16E-06	1.86E-05	1.08E-05	1.10E-05	9.99E-06	4.45E-06	4.34E-06	2.06E-07	4.97E-06	1.10E-06	1.50E-06	2.37E-06	4.09E-07	2.28E-06	1.28E-05
644	490736.72	3859985.12	1.98E-02	2.03E-02	1.93E-02	6.85E-06	2.07E-05	1.20E-05	1.23E-05	1.11E-05	4.95E-06	4.83E-06	2.29E-07	5.53E-06	1.22E-06	1.66E-06	2.64E-06	4.55E-07	2.54E-06	1.43E-05
645	490786.72	3859985.12	2.23E-02	2.28E-02	2.17E-02	7.71E-06	2.33E-05	1.35E-05	1.38E-05	1.25E-05	5.57E-06	5.44E-06	2.57E-07	6.22E-06	1.37E-06	1.87E-06	2.97E-06	5.12E-07	2.85E-06	1.61E-05
646	490086.72	3860035.12	6.97E-03	7.13E-03	6.80E-03	2.41E-06	7.29E-06	4.22E-06	4.32E-06	3.91E-06	1.74E-06	1.70E-06	8.06E-08	1.95E-06	4.29E-07	5.86E-07	9.30E-07	1.60E-07	8.93E-07	5.03E-06
647	490136.72	3860035.12	7.29E-03	7.46E-03	7.11E-03	2.52E-06	7.61E-06	4.41E-06	4.51E-06	4.09E-06	1.82E-06	1.78E-06	8.42E-08	2.03E-06	4.49E-07	6.13E-07	9.72E-07	1.67E-07	9.33E-07	5.25E-06
648	490186.72	3860035.12	7.63E-03	7.81E-03	7.44E-03	2.64E-06	7.97E-06	4.62E-06	4.73E-06	4.28E-06	1.91E-06	1.86E-06	8.82E-08	2.13E-06	4.70E-07	6.42E-07	1.02E-06	1.75E-07	9.77E-07	5.50E-06
649	490236.72	3860035.12	8.00E-03	8.19E-03	7.81E-03	2.77E-06	8.37E-06	4.84E-06	4.96E-06	4.49E-06	2.00E-06	1.95E-06	9.25E-08	2.23E-06	4.93E-07	6.73E-07	1.07E-06	1.84E-07	1.03E-06	5.77E-06
650	490286.72	3860035.12	8.39E-03	8.58E-03	8.18E-03	2.90E-06	8.77E-06	5.07E-06	5.19E-06	4.71E-06	2.10E-06	2.05E-06	9.69E-08	2.34E-06	5.17E-07	7.05E-07	1.12E-06	1.93E-07	1.07E-06	6.05E-06
651	490336.72	3860035.12	8.85E-03	9.06E-03	8.63E-03	3.06E-06	9.25E-06	5.35E-06	5.48E-06	4.97E-06	2.21E-06	2.16E-06	1.02E-07	2.47E-06	5.45E-07	7.44E-07	1.18E-06	2.03E-07	1.13E-06	6.38E-06
652	490386.72	3860035.12	9.24E-03	9.46E-03	9.01E-03	3.20E-06	9.66E-06	5.59E-06	5.72E-06	5.19E-06	2.31E-06	2.26E-06	1.07E-07	2.58E-06	5.69E-07	7.77E-07	1.23E-06	2.12E-07	1.18E-06	6.66E-06
653	490436.72	3860035.12	9.71E-03	9.94E-03	9.47E-03	3.36E-06	1.01E-05	5.87E-06	6.01E-06	5.45E-06	2.43E-06	2.37E-06	1.12E-07	2.71E-06	5.98E-07	8.16E-07	1.29E-06	2.23E-07	1.24E-06	7.00E-06
654	490486.72	3860035.12	1.03E-02	1.05E-02	1.00E-02	3.55E-06	1.07E-05	6.20E-06	6.35E-06	5.76E-06	2.57E-06	2.50E-06	1.18E-07	2.86E-06	6.32E-07	8.62E-07	1.37E-06	2.35E-07	1.31E-06	7.39E-06
655	490536.72	3860035.12	1.09E-02	1.12E-02	1.07E-02	3.78E-06	1.14E-05	6.61E-06	6.77E-06	6.14E-06	2.73E-06	2.67E-06	1.26E-07	3.05E-06	6.73E-07	9.19E-07	1.46E-06	2.51E-07	1.40E-06	7.88E-06
656	490586.72	3860035.12	1.17E-02	1.20E-02	1.14E-02	4.05E-06	1.22E-05	7.08E-06	7.24E-06	6.57E-06	2.93E-06	2.85E-06	1.35E-07	3.27E-06	7.20E-07	9.83E-07	1.56E-06	2.69E-07	1.50E-06	8.43E-06
657	490636.72	3860035.12	1.25E-02	1.28E-02	1.22E-02	4.33E-06	1.31E-05	7.56E-06	7.74E-06	7.02E-06	3.13E-06	3.05E-06	1.44E-07	3.49E-06	7.70E-07	1.05E-06	1.67E-06	2.87E-07	1.60E-06	9.01E-06
658	490686.72	3860035.12	1.37E-02	1.40E-02	1.33E-02	4.73E-06	1.43E-05	8.26E-06	8.45E-06	7.66E-06	3.42E-06	3.33E-06	1.58E-07	3.81E-06	8.41E-07	1.15E-06	1.82E-06	3.14E-07	1.75E-06	9.84E-06
659	490736.72	3860035.12	1.53E-02	1.57E-02	1.49E-02	5.29E-06	1.60E-05	9.25E-06	9.47E-06	8.58E-06	3.83E-06	3.73E-06	1.77E-07	4.27E-06	9.42E-07	1.29E-06	2.04E-06	3.51E-07	1.96E-06	1.10E-05
660	490786.72	3860035.12	1.68E-02	1.72E-02	1.64E-02	5.81E-06	1.75E-05	1.02E-05	1.04E-05	9.42E-06	4.20E-06	4.10E-06	1.94E-07	4.69E-06	1.03E-06	1.41E-06	2.24E-06	3.86E-07	2.15E-06	1.21E-05
661	490836.72	3860035.12	1.86E-02	1.90E-02	1.81E-02	6.43E-06	1.94E-05	1.12E-05	1.15E-05	1.04E-05	4.65E-06	4.53E-06	2.15E-07	5.18E-06	1.14E-06	1.56E-06	2.48E-06	4.26E-07	2.38E-06	1.34E-05
662	490086.72	3860085.12	6.37E-03	6.52E-03	6.22E-03	2.21E-06	6.66E-06	3.86E-06	3.95E-06	3.58E-06	1.60E-06	1.56E-06	7.37E-08	1.78E-06	3.93E-07	5.36E-07	8.50E-07	1.46E-07	8.16E-07	4.59E-06
663	490136.72	3860085.12	6.57E-03	6.73E-03	6.41E-03	2.28E-06	6.87E-06	3.98E-06	4.07E-06	3.69E-06	1.65E-06	1.60E-06	7.60E-08	1.84E-06	4.05E-07	5.53E-07	8.77E-07	1.51E-07	8.42E-07	4.74E-06
664	490186.72	3860085.12	6.89E-03	7.05E-03	6.72E-03	2.38E-06	7.20E-06	4.17E-06	4.27E-06	3.87E-06	1.72E-06	1.68E-06	7.96E-08	1.92E-06	4.24E-07	5.79E-07	9.19E-07	1.58E-07	8.82E-07	4.96E-06
665	490236.72	3860085.12	7.18E-03	7.35E-03	7.00E-03	2.49E-06	7.51E-06	4.35E-06	4.45E-06	4.03E-06	1.80E-06	1.75E-06	8.30E-08	2.01E-06	4.43E-07	6.04E-07	9.58E-07	1.65E-07	9.20E-07	5.18E-06
666	490286.72	3860085.12	7.50E-03	7.68E-03	7.31E-03	2.60E-06	7.84E-06	4.54E-06	4.64E-06	4.21E-06	1.88E-06	1.83E-06	8.67E-08	2.09E-06	4.62E-07	6.31E-07	1.00E-06	1.72E-07	9.61E-07	5.41E-06
667	490336.72	3860085.12	7.82E-03	8.00E-03	7.62E-03	2.71E-06	8.17E-06	4.73E-06	4.84E-06	4.39E-06	1.96E-06	1.91E-06	9.03E-08	2.18E-06	4.82E-07	6.57E-07	1.04E-06	1.80E-07	1.00E-06	5.63E-06
668	490386.72	3860085.12	8.16E-03	8.35E-03	7.96E-03	2.83E-06	8.53E-06	4.94E-06	5.05E-06	4.58E-06	2.04E-06	1.99E-06	9.43E-08	2.28E-06	5.03E-07	6.86E-07	1.09E-06	1.87E-07	1.05E-06	5.88E-06
669	490436.72	3860085.12	8.54E-03	8.74E-03	8.33E-03	2.96E-06	8.92E-06	5.17E-06	5.29E-06	4.79E-06	2.14E-06	2.08E-06	9.87E-08	2.38E-06	5.26E-07	7.18E-07	1.14E-06	1.96E-07	1.09E-06	6.16E-06
670	490486.72	3860085.12	8.93E-03	9.14E-03	8.71E-03	3.09E-06	9.33E-06	5.40E-06	5.53E-06	5.01E-06	2.24E-06	2.18E-06	1.03E-07	2.49E-06	5.50E-07	7.51E-07	1.19E-06	2.05E-07	1.14E-06	6.44E-06
671	490536.72	3860085.12	9.43E-03	9.66E-03	9.20E-03	3.27E-06	9.86E-06	5.71E-06	5.84E-06	5.30E-06	2.36E-06	2.30E-06	1.09E-07	2.63E-06	5.81E-07	7.93E-07	1.26E-06	2.17E-07	1.21E-06	6.80E-06
672	490586.72	3860085.12	1.00E-02	1.02E-02	9.76E-03	3.46E-06	1.05E-05	6.05E-06	6.20E-06	5.62E-06	2.50E-06	2.44E-06	1.16E-07	2.79E-06	6.16E-07	8.41E-07	1.33E-06	2.30E-07	1.28E-06	7.21E-06
673	490636.72	3860085.12	1.06E-02	1.09E-02	1.03E-02	3.67E-06	1.11E-05	6.42E-06	6.57E-06	5.95E-06	2.65E-06	2.59E-06	1.23E-07	2.96E-06	6.53E-07	8.92E-07	1.41E-06	2.44E-07	1.36E-06	7.64E-06
674	490686.72	3860085.12	1.14E-02	1.17E-02	1.11E-02	3.94E-06	1.19E-05	6.89E-06	7.05E-06	6.39E-06	2.85E-06	2.78E-06	1.32E-07	3.18E-06	7.01E-07	9.57E-07	1.52E-06	2.61E-07	1.46E-06	8.21E-06
675	490736.72	3860085.12	1.24E-02	1.26E-02	1.20E-02	4.28E-06	1.29E-05	7.47E-06	7.65E-06	6.94E-06	3.09E-06	3.02E-06	1.43E-07	3.45E-06	7.61E-07	1.04E-06	1.65E-06	2.84E-07	1.58E-06	8.91E-06
676	490786.72	3860085.12	1.35E-02	1.38E-02	1.32E-02	4.67E-06	1.41E-05	8.16E-06	8.36E-06	7.58E-06	3.38E-06	3.29E-06	1.56E-07	3.77E-06	8.31E-07	1.13E-06	1.80E-06	3.10E-07	1.73E-06	9.73E-06
677	490836.72	3860085.12	1.47E-02	1.50E-02	1.43E-02	5.08E-06	1.53E-05	8.88E-06	9.09E-06	8.24E-06	3.67E-06	3.58E-06	1.70E-07	4.10E-06	9.05E-07	1.23E-06	1.96E-06	3.37E-07	1.88E-06	1.06E-05
678	490086.72	3860135.12	5.72E-03	5.86E-03	5.58E-03	1.98E-06	5.98E-06	3.46E-06	3.55E-06	3.21E-06	1.43E-06	1.40E-06	6.62E-08	1.60E-06	3.53E-07	4.81E-07	7.64E-07	1.31E-07	7.33E-07	4.13E-06
679	490136.72	3860135.12	5.97E-03	6.11E-03	5.82E-03	2.07E-06	6.24E-06	3.61E-06	3.70E-06	3.35E-06	1.49E-06	1.46E-06	6.90E-08	1.67E-06	3.68E-07	5.02E-07	7.96E-07	1.37E-07	7.64E-07	4.30E-06
680	490186.72	3860135.12	6.23E-03	6.37E-03	6.07E-03	2.16E-06	6.51E-06	3.77E-06	3.86E-06	3.50E-06	1.56E-06	1.52E-06	7.20E-08	1.74E-06	3.84E-07	5.24E-07	8.31E-07	1.43E-07	7.98E-07	4.49E-06
681	490236.72	3860135.12	6.47E-03	6.62E-03	6.31E-03	2.24E-06	6.76E-06	3.92E-06	4.01E-06	3.63E-06	1.62E-06	1.58E-06	7.48E-08	1.81E-06	3.99E-07	5.44E-07	8.63E-07	1.49E-07	8.29E-07	4.67E-06
682	490286.72	3860135.12	6.74E-03	6.90E-03	6.57E-03	2.33E-06	7.05E-06	4.08E-06	4.17E-06	3.78E-06	1.69E-06	1.65E-06	7.79E-08	1.88E-06	4.15E-07	5.67E-07	8.99E-07	1.55E-07	8.63E-07	4.86E-06
683	490336.72	3860135.12	7.02E-03	7.19E-03	6.85E-03	2.43E-06	7.34E-06	4.25E-06	4.35E-06	3.94E-06	1.76E-06	1.71E-06	8.12E-08	1.96E-06	4.33E-07	5.90E-07	9.37E-07	1.61E-07	9.00E-07	5.06E-06
684	490386.72	3860135.12	7.31E-03	7.48E-03	7.13E-03	2.53E-06	7.64E-06	4.42E-06	4.52E-06	4.10E-06	1.83E-06	1.78E-06	8.45E-08	2.04E-06	4.50E-07	6.14E-07	9.75E-07	1.68E-07	9.36E-07	5.27E-06
685	490436.72	3860135.12	7.60E-03	7.77E-03	7.41E-03	2.63E-06	7.94E-06	4.60E-06	4.70E-06	4.26E-06	1.90E-06	1.85E-06	8.78E-08	2.12E-06	4.68E-07	6.39E-07	1.01E-06	1.74E-07	9.73E-07	5.48E-06
686	490486.72	3860135.12	7.93E-03	8.11E-03	7.73E-03	2.74E-06	8.29E-06	4.80E-06	4.91E-06	4.45E-06	1.98E-06	1.93E-06	9.16E-08	2.21E-06	4.88E-07	6.67E-07	1.06E-06	1.82E-07	1.02E-06	5.71E-06
687	490536.72	3860135.12	8.33E-03	8.53E-03	8.13E-03	2.88E-06	8.71E-06	5.04E-06	5.16E-06	4.68E-06	2.09E-06	2.03E-06	9.63E-08	2.33E-06	5.13E-07	7.01E-07	1.11E-06	1.91E-07	1.07E-06	6.01E-06
688	490586.72	3860135.12	8.76E-03	8.96E-03	8.54E-03	3.03E-06	9.15E-06	5.30E-06	5.42E-06	4.92E-06	2.19E-06	2.14E-06	1.01E-07	2.45E-06	5.40E-07	7.36E-07	1.17E-06	2.01E-07	1.12E-06	6.31E-06
689	490636.72	3860135.12	9.23E-03	9.45E-03	9.00E-03	3.20E-06	9.65E-06	5.59E-06	5.72E-06	5.18E-06	2.31E-06	2.25E-06	1.07E-07	2.58E-06	5.69E-07	7.76E-07	1.23E-06	2.12E-07	1.18E-06	6.65E-06
690	490686.72	3860135.12	9.76E-03	9.99E-03	9.52E-03	3.38E-06	1.02E-05	5.91E-06	6.05E-06	5.48E-06	2.44E-06	2.38E-06	1.13E-07	2.73E-06	6.02E-07	8.21E-07	1.30E-06	2.24E-07	1.25E-06	7.04E-06
691	490736.72	3860135.12	1.04E-02	1.07E-02	1.02E-02	3.61E-06	1.09E-05	6.31E-06	6.45E-06	5.85E-06	2.61E-06	2.54E-06	1.20E-07	2.91E-06	6.42E-07	8.76E-07	1.39E-06	2.39E-07	1.33E-06	7.51E-06
692	490786.72	3860135.12	1.13E-02	1.15E-02	1.10E-02	3.90E-06	1.18E-05	6.82E-06	6.98E-06	6.33E-06	2.82E-06	2.75E-06	1.30E-07	3.15E-06	6.95E-07	9.48E-07	1.50E-06	2.59E-07	1.44E-06	8.13E-06
693	490836.72	3860135.12	1.21E-02	1.24E-02	1.18E-02	4.20E-06	1.27E-05	7.34E-06	7.52E-06	6.81E-06	3.04E-06	2.96E-06	1.40E-07	3.39E-06	7.48E-07	1.02E-06	1.62E-06	2.79E-07	1.55E-06	8.75E-06
694	490086.72	3860185.12	5.23E-03	5.35E-03	5.10E-03	1.81E-06	5.47E-06	3.17E-06	3.24E-06	2.94E-06	1.31E-06	1.28E-06	6.05E-08	1.46E-06	3.22E-07	4.40E-07	6.98E-07	1.20E-07	6.70E-07	3.77E-06
695	490136.72	3860185.12	5.46E-03	5.58E-03	5.32E-03	1.89E-06	5.70E-06	3.30E-06	3.38E-06	3.06E-06	1.37E-06	1.33E-06	6.31E-08	1.52E-06	3.36E-07	4.59E-07	7.28E-07	1.25E-07	6.99E-07	3.93E-06
696	490186.72	3860185.12	5.68E-03	5.81E-03	5.54E-03	1.97E-06	5.93E-06	3.44E-06	3.52E-06	3.19E-06	1.42E-06	1.39E-06	6.56E-08	1.59E-06	3.50E-07	4.77E-07	7.57E-07	1.30E-07	7.27E-07	4.09E-06
697	490236.72	3860185.12	5.89E-03	6.03E-03	5.74E-03	2.04E-06	6.15E-06	3.56E-06	3.65E-06	3.31E-06	1.47E-06	1.44E-06	6.81E-08	1.64E-06	3.63E-07	4.95E-07	7.85E-07	1.35E-07	7.54E-07	4.24E-06
698	490286.72	3860185.12	6.11E-03	6.25E-03	5.96E-03	2.12E-06	6.39E-06	3.70E-06	3.78E-06	3.43E-06	1.53E-06	1.49E-06	7.06E-08	1.71E-06	3.76E-07	5.14E-07	8.15E-07	1.40E-07	7.83E-07	4.41E-06
699	490336.72	3860185.12	6.34E-03	6.49E-03	6.19E-03	2.20E-06	6.63E-06	3.84E-06	3.93E-06	3.56E-06	1.59E-06	1.55E-06	7.33E-08	1.77E-06	3.91E-07	5.33E-07	8.46E-07	1.46E-07	8.13E-07	4.57E-06
700	490386.72	3860185.12	6.59E-03	6.74E-03	6.42E-03	2.28E-06	6.89E-06	3.99E-06	4.08E-06	3.70E-06	1.65E-06	1.61E-06	7.62E-08	1.84E-06	4.06E-07	5.54E-07	8.79E-07	1.51E-07	8.44E-07	4.75E-06

701	490436.72	3860185.12	6.85E-03	7.01E-03	6.68E-03	2.37E-06	7.16E-06	4.14E-06	4.24E-06	3.84E-06	1.71E-06	1.67E-06	7.91E-08	1.91E-06	4.22E-07	5.76E-07	9.13E-07	1.57E-07	8.77E-07	4.94E-06
702	490486.72	3860185.12	7.12E-03	7.29E-03	6.94E-03	2.46E-06	7.44E-06	4.31E-06	4.41E-06	4.00E-06	1.78E-06	1.74E-06	8.23E-08	1.99E-06	4.39E-07	5.99E-07	9.50E-07	1.63E-07	9.12E-07	5.13E-06
703	490536.72	3860185.12	7.43E-03	7.61E-03	7.25E-03	2.57E-06	7.77E-06	4.50E-06	4.60E-06	4.17E-06	1.86E-06	1.81E-06	8.59E-08	2.08E-06	4.58E-07	6.25E-07	9.92E-07	1.71E-07	9.52E-07	5.36E-06
704	490586.72	3860185.12	7.81E-03	7.99E-03	7.62E-03	2.70E-06	8.16E-06	4.73E-06	4.84E-06	4.38E-06	1.95E-06	1.91E-06	9.03E-08	2.18E-06	4.81E-07	6.57E-07	1.04E-06	1.79E-07	1.00E-06	5.63E-06
705	490636.72	3860185.12	8.17E-03	8.36E-03	7.97E-03	2.83E-06	8.54E-06	4.94E-06	5.06E-06	4.59E-06	2.05E-06	1.99E-06	9.45E-08	2.28E-06	5.03E-07	6.87E-07	1.09E-06	1.88E-07	1.05E-06	5.89E-06
706	490686.72	3860185.12	8.62E-03	8.83E-03	8.41E-03	2.98E-06	9.01E-06	5.22E-06	5.34E-06	4.84E-06	2.16E-06	2.10E-06	9.97E-08	2.41E-06	5.31E-07	7.25E-07	1.15E-06	1.98E-07	1.10E-06	6.22E-06
707	490736.72	3860185.12	9.08E-03	9.29E-03	8.86E-03	3.14E-06	9.49E-06	5.49E-06	5.62E-06	5.10E-06	2.27E-06	2.22E-06	1.05E-07	2.54E-06	5.59E-07	7.64E-07	1.21E-06	2.09E-07	1.16E-06	6.55E-06
708	490786.72	3860185.12	9.68E-03	9.91E-03	9.44E-03	3.35E-06	1.01E-05	5.86E-06	5.99E-06	5.43E-06	2.42E-06	2.36E-06	1.12E-07	2.70E-06	5.96E-07	8.14E-07	1.29E-06	2.22E-07	1.24E-06	6.98E-06
709	490836.72	3860185.12	1.04E-02	1.06E-02	1.01E-02	3.59E-06	1.08E-05	6.28E-06	6.42E-06	5.82E-06	2.60E-06	2.53E-06	1.20E-07	2.90E-06	6.39E-07	8.72E-07	1.38E-06	2.38E-07	1.33E-06	7.48E-06
710	490086.72	3860235.12	4.83E-03	4.94E-03	4.71E-03	1.67E-06	5.05E-06	2.92E-06	2.99E-06	2.71E-06	1.21E-06	1.18E-06	5.58E-08	1.35E-06	2.97E-07	4.06E-07	6.44E-07	1.11E-07	6.18E-07	3.48E-06
711	490136.72	3860235.12	5.01E-03	5.13E-03	4.89E-03	1.73E-06	5.24E-06	3.03E-06	3.10E-06	2.81E-06	1.25E-06	1.22E-06	5.79E-08	1.40E-06	3.09E-07	4.21E-07	6.68E-07	1.15E-07	6.42E-07	3.61E-06
712	490186.72	3860235.12	5.20E-03	5.32E-03	5.07E-03	1.80E-06	5.44E-06	3.15E-06	3.22E-06	2.92E-06	1.30E-06	1.27E-06	6.01E-08	1.45E-06	3.21E-07	4.37E-07	6.94E-07	1.19E-07	6.66E-07	3.75E-06
713	490236.72	3860235.12	5.39E-03	5.52E-03	5.26E-03	1.87E-06	5.63E-06	3.26E-06	3.34E-06	3.03E-06	1.35E-06	1.32E-06	6.23E-08	1.50E-06	3.32E-07	4.53E-07	7.19E-07	1.24E-07	6.90E-07	3.89E-06
714	490286.72	3860235.12	5.58E-03	5.71E-03	5.44E-03	1.93E-06	5.83E-06	3.38E-06	3.46E-06	3.13E-06	1.40E-06	1.36E-06	6.45E-08	1.56E-06	3.44E-07	4.69E-07	7.45E-07	1.28E-07	7.15E-07	4.02E-06
715	490336.72	3860235.12	5.79E-03	5.92E-03	5.64E-03	2.00E-06	6.05E-06	3.50E-06	3.58E-06	3.25E-06	1.45E-06	1.41E-06	6.69E-08	1.62E-06	3.56E-07	4.86E-07	7.72E-07	1.33E-07	7.41E-07	4.17E-06
716	490386.72	3860235.12	6.00E-03	6.14E-03	5.85E-03	2.08E-06	6.27E-06	3.63E-06	3.71E-06	3.37E-06	1.50E-06	1.46E-06	6.93E-08	1.67E-06	3.69E-07	5.04E-07	8.00E-07	1.38E-07	7.68E-07	4.32E-06
717	490436.72	3860235.12	6.22E-03	6.37E-03	6.07E-03	2.15E-06	6.51E-06	3.77E-06	3.86E-06	3.49E-06	1.56E-06	1.52E-06	7.20E-08	1.74E-06	3.84E-07	5.23E-07	8.30E-07	1.43E-07	7.97E-07	4.49E-06
718	490486.72	3860235.12	6.46E-03	6.61E-03	6.30E-03	2.23E-06	6.75E-06	3.91E-06	4.00E-06	3.62E-06	1.62E-06	1.58E-06	7.46E-08	1.80E-06	3.98E-07	5.43E-07	8.61E-07	1.48E-07	8.27E-07	4.65E-06
719	490536.72	3860235.12	6.72E-03	6.88E-03	6.56E-03	2.33E-06	7.03E-06	4.07E-06	4.16E-06	3.77E-06	1.68E-06	1.64E-06	7.77E-08	1.88E-06	4.14E-07	5.65E-07	8.97E-07	1.54E-07	8.61E-07	4.85E-06
720	490586.72	3860235.12	7.02E-03	7.19E-03	6.85E-03	2.43E-06	7.34E-06	4.25E-06	4.35E-06	3.94E-06	1.76E-06	1.71E-06	8.12E-08	1.96E-06	4.33E-07	5.90E-07	9.37E-07	1.61E-07	8.99E-07	5.06E-06
721	490636.72	3860235.12	7.35E-03	7.52E-03	7.16E-03	2.54E-06	7.68E-06	4.44E-06	4.55E-06	4.12E-06	1.84E-06	1.79E-06	8.49E-08	2.05E-06	4.53E-07	6.18E-07	9.80E-07	1.69E-07	9.41E-07	5.30E-06
722	490686.72	3860235.12	7.71E-03	7.89E-03	7.52E-03	2.67E-06	8.06E-06	4.66E-06	4.77E-06	4.33E-06	1.93E-06	1.88E-06	8.91E-08	2.15E-06	4.75E-07	6.48E-07	1.03E-06	1.77E-07	9.87E-07	5.56E-06
723	490736.72	3860235.12	8.10E-03	8.29E-03	7.90E-03	2.80E-06	8.47E-06	4.90E-06	5.02E-06	4.55E-06	2.03E-06	1.98E-06	9.37E-08	2.26E-06	4.99E-07	6.81E-07	1.08E-06	1.86E-07	1.04E-06	5.84E-06
724	490786.72	3860235.12	8.54E-03	8.75E-03	8.33E-03	2.96E-06	8.93E-06	5.17E-06	5.29E-06	4.80E-06	2.14E-06	2.09E-06	9.88E-08	2.39E-06	5.26E-07	7.19E-07	1.14E-06	1.96E-07	1.09E-06	6.16E-06
725	490086.72	3860285.12	4.47E-03	4.57E-03	4.36E-03	1.55E-06	4.67E-06	2.70E-06	2.77E-06	2.51E-06	1.12E-06	1.09E-06	5.16E-08	1.25E-06	2.75E-07	3.76E-07	5.96E-07	1.03E-07	5.72E-07	3.22E-06
726	490136.72	3860285.12	4.63E-03	4.74E-03	4.51E-03	1.60E-06	4.84E-06	2.80E-06	2.87E-06	2.60E-06	1.16E-06	1.13E-06	5.35E-08	1.29E-06	2.85E-07	3.89E-07	6.18E-07	1.06E-07	5.93E-07	3.34E-06
727	490186.72	3860285.12	4.79E-03	4.90E-03	4.67E-03	1.66E-06	5.01E-06	2.90E-06	2.97E-06	2.69E-06	1.20E-06	1.17E-06	5.54E-08	1.34E-06	2.95E-07	4.03E-07	6.39E-07	1.10E-07	6.13E-07	3.45E-06
728	490236.72	3860285.12	4.96E-03	5.08E-03	4.84E-03	1.72E-06	5.19E-06	3.00E-06	3.07E-06	2.79E-06	1.24E-06	1.21E-06	5.74E-08	1.39E-06	3.06E-07	4.17E-07	6.62E-07	1.14E-07	6.36E-07	3.58E-06
729	490286.72	3860285.12	5.13E-03	5.25E-03	5.00E-03	1.77E-06	5.36E-06	3.10E-06	3.18E-06	2.88E-06	1.28E-06	1.25E-06	5.93E-08	1.43E-06	3.16E-07	4.31E-07	6.84E-07	1.18E-07	6.57E-07	3.70E-06
730	490336.72	3860285.12	5.30E-03	5.43E-03	5.17E-03	1.83E-06	5.54E-06	3.21E-06	3.28E-06	2.98E-06	1.33E-06	1.29E-06	6.13E-08	1.48E-06	3.27E-07	4.46E-07	7.07E-07	1.22E-07	6.79E-07	3.82E-06
731	490386.72	3860285.12	5.49E-03	5.62E-03	5.36E-03	1.90E-06	5.74E-06	3.32E-06	3.40E-06	3.08E-06	1.37E-06	1.34E-06	6.35E-08	1.53E-06	3.38E-07	4.62E-07	7.33E-07	1.26E-07	7.04E-07	3.96E-06
732	490436.72	3860285.12	5.69E-03	5.82E-03	5.55E-03	1.97E-06	5.94E-06	3.44E-06	3.52E-06	3.19E-06	1.42E-06	1.39E-06	6.57E-08	1.59E-06	3.50E-07	4.78E-07	7.59E-07	1.31E-07	7.29E-07	4.10E-06
733	490486.72	3860285.12	5.90E-03	6.04E-03	5.75E-03	2.04E-06	6.16E-06	3.57E-06	3.65E-06	3.31E-06	1.48E-06	1.44E-06	6.82E-08	1.65E-06	3.63E-07	4.96E-07	7.87E-07	1.35E-07	7.56E-07	4.25E-06
734	490536.72	3860285.12	6.11E-03	6.26E-03	5.96E-03	2.12E-06	6.39E-06	3.70E-06	3.79E-06	3.43E-06	1.53E-06	1.49E-06	7.07E-08	1.71E-06	3.77E-07	5.14E-07	8.16E-07	1.40E-07	7.83E-07	4.41E-06
735	490586.72	3860285.12	6.36E-03	6.51E-03	6.20E-03	2.20E-06	6.64E-06	3.85E-06	3.94E-06	3.57E-06	1.59E-06	1.55E-06	7.35E-08	1.77E-06	3.92E-07	5.34E-07	8.48E-07	1.46E-07	8.14E-07	4.58E-06
736	490636.72	3860285.12	6.63E-03	6.79E-03	6.47E-03	2.30E-06	6.93E-06	4.01E-06	4.11E-06	3.72E-06	1.66E-06	1.62E-06	7.67E-08	1.85E-06	4.09E-07	5.58E-07	8.85E-07	1.52E-07	8.50E-07	4.78E-06
737	490686.72	3860285.12	6.95E-03	7.11E-03	6.78E-03	2.41E-06	7.26E-06	4.20E-06	4.30E-06	3.90E-06	1.74E-06	1.70E-06	8.03E-08	1.94E-06	4.28E-07	5.84E-07	9.27E-07	1.60E-07	8.90E-07	5.01E-06
738	490736.72	3860285.12	7.28E-03	7.45E-03	7.10E-03	2.52E-06	7.61E-06	4.41E-06	4.51E-06	4.09E-06	1.82E-06	1.78E-06	8.42E-08	2.03E-06	4.49E-07	6.12E-07	9.71E-07	1.67E-07	9.33E-07	5.25E-06
739	490786.72	3860285.12	7.67E-03	7.85E-03	7.48E-03	2.65E-06	8.02E-06	4.64E-06	4.75E-06	4.31E-06	1.92E-06	1.87E-06	8.87E-08	2.14E-06	4.73E-07	6.45E-07	1.02E-06	1.76E-07	9.82E-07	5.53E-06
740	490086.72	3860335.12	4.15E-03	4.25E-03	4.05E-03	1.44E-06	4.34E-06	2.51E-06	2.57E-06	2.33E-06	1.04E-06	1.01E-06	4.80E-08	1.16E-06	2.56E-07	3.49E-07	5.54E-07	9.53E-08	5.32E-07	2.99E-06
741	490136.72	3860335.12	4.30E-03	4.40E-03	4.19E-03	1.49E-06	4.49E-06	2.60E-06	2.66E-06	2.41E-06	1.08E-06	1.05E-06	4.97E-08	1.20E-06	2.65E-07	3.61E-07	5.73E-07	9.87E-08	5.50E-07	3.10E-06
742	490186.72	3860335.12	4.44E-03	4.54E-03	4.33E-03	1.54E-06	4.64E-06	2.68E-06	2.75E-06	2.49E-06	1.11E-06	1.08E-06	5.13E-08	1.24E-06	2.73E-07	3.73E-07	5.92E-07	1.02E-07	5.68E-07	3.20E-06
743	490236.72	3860335.12	4.59E-03	4.70E-03	4.48E-03	1.59E-06	4.80E-06	2.78E-06	2.84E-06	2.58E-06	1.15E-06	1.12E-06	5.31E-08	1.28E-06	2.83E-07	3.86E-07	6.13E-07	1.05E-07	5.88E-07	3.31E-06
744	490286.72	3860335.12	4.74E-03	4.85E-03	4.62E-03	1.64E-06	4.95E-06	2.87E-06	2.93E-06	2.66E-06	1.19E-06	1.16E-06	5.48E-08	1.32E-06	2.92E-07	3.98E-07	6.32E-07	1.09E-07	6.07E-07	3.42E-06
745	490336.72	3860335.12	4.89E-03	5.00E-03	4.77E-03	1.69E-06	5.11E-06	2.96E-06	3.03E-06	2.74E-06	1.22E-06	1.19E-06	5.65E-08	1.36E-06	3.01E-07	4.11E-07	6.52E-07	1.12E-07	6.26E-07	3.52E-06
746	490386.72	3860335.12	5.05E-03	5.17E-03	4.93E-03	1.75E-06	5.28E-06	3.06E-06	3.13E-06	2.84E-06	1.26E-06	1.23E-06	5.84E-08	1.41E-06	3.11E-07	4.25E-07	6.74E-07	1.16E-07	6.47E-07	3.64E-06
747	490436.72	3860335.12	5.23E-03	5.35E-03	5.10E-03	1.81E-06	5.46E-06	3.16E-06	3.24E-06	2.93E-06	1.31E-06	1.28E-06	6.04E-08	1.46E-06	3.22E-07	4.39E-07	6.97E-07	1.20E-07	6.69E-07	3.77E-06
748	490486.72	3860335.12	5.41E-03	5.53E-03	5.27E-03	1.87E-06	5.65E-06	3.27E-06	3.35E-06	3.04E-06	1.35E-06	1.32E-06	6.25E-08	1.51E-06	3.33E-07	4.55E-07	7.21E-07	1.24E-07	6.93E-07	3.90E-06
749	490536.72	3860335.12	5.61E-03	5.74E-03	5.47E-03	1.94E-06	5.87E-06	3.40E-06	3.48E-06	3.15E-06	1.40E-06	1.37E-06	6.49E-08	1.57E-06	3.46E-07	4.72E-07	7.49E-07	1.29E-07	7.19E-07	4.05E-06
750	490586.72	3860335.12	5.81E-03	5.95E-03	5.67E-03	2.01E-06	6.08E-06	3.52E-06	3.60E-06	3.26E-06	1.46E-06	1.42E-06	6.72E-08	1.62E-06	3.58E-07	4.89E-07	7.76E-07	1.34E-07	7.45E-07	4.19E-06
751	490636.72	3860335.12	6.05E-03	6.19E-03	5.90E-03	2.09E-06	6.32E-06	3.66E-06	3.75E-06	3.40E-06	1.51E-06	1.48E-06	6.99E-08	1.69E-06	3.73E-07	5.09E-07	8.07E-07	1.39E-07	7.75E-07	4.36E-06
752	490686.72	3860335.12	6.31E-03	6.46E-03	6.15E-03	2.18E-06	6.59E-06	3.82E-06	3.91E-06	3.54E-06	1.58E-06	1.54E-06	7.29E-08	1.76E-06	3.89E-07	5.30E-07	8.41E-07	1.45E-07	8.08E-07	4.55E-06
753	490736.72	3860335.12	6.60E-03	6.75E-03	6.43E-03	2.28E-06	6.89E-06	3.99E-06	4.08E-06	3.70E-06	1.65E-06	1.61E-06	7.62E-08	1.84E-06	4.06E-07	5.55E-07	8.80E-07	1.51E-07	8.45E-07	4.75E-06
754	490786.72	3860335.12	6.94E-03	7.11E-03	6.77E-03	2.40E-06	7.26E-06	4.20E-06	4.30E-06	3.90E-06	1.74E-06	1.69E-06	8.03E-08	1.94E-06	4.28E-07	5.84E-07	9.26E-07	1.59E-07	8.89E-07	5.01E-06
755	490086.72	3860385.12	3.87E-03	3.97E-03	3.78E-03	1.34E-06	4.05E-06	2.34E-06	2.40E-06	2.18E-06	9.70E-07	9.46E-07	4.48E-08	1.08E-06	2.39E-07	3.26E-07	5.17E-07	8.90E-08	4.96E-07	2.79E-06
756	490136.72	3860385.12	4.01E-03	4.10E-03	3.91E-03	1.39E-06	4.19E-06	2.42E-06	2.48E-06	2.25E-06	1.00E-06	9.78E-07	4.63E-08	1.12E-06	2.47E-07	3.37E-07	5.34E-07	9.20E-08	5.13E-07	2.89E-06
757	490186.72	3860385.12	4.12E-03	4.22E-03	4.02E-03	1.43E-06	4.31E-06	2.49E-06	2.55E-06	2.31E-06	1.03E-06	1.01E-06	4.77E-08	1.15E-06	2.54E-07	3.47E-07	5.50E-07	9.47E-08	5.28E-07	2.97E-06
758	490236.72	3860385.12	4.26E-03	4.36E-03	4.15E-03	1.47E-06	4.45E-06	2.58E-06	2.64E-06	2.39E-06	1.07E-06	1.04E-06	4.92E-08	1.19E-06	2.62E-07	3.58E-07	5.68E-07	9.78E-08	5.45E-07	3.07E-06
759	490286.72	3860385.12	4.39E-03	4.49E-03	4.28E-03	1.52E-06	4.59E-06	2.66E-06	2.72E-06	2.46E-06	1.10E-06	1.07E-06	5.07E-08	1.23E-06	2.70E-07	3.69E-07	5.85E-07	1.01E-07	5.62E-07	3.16E-06
760	490336.72	3860385.12	4.53E-03	4.63E-03	4.41E-03	1.57E-06	4.73E-06	2.74E-06	2.80E-06	2.54E-06	1.13E-06	1.10E-06	5.23E-08	1.26E-06	2.79E-07	3.81E-07	6.04E-07	1.04E-07	5.80E-07	3.26E-06
761	490386.72	3860385.12	4.67E-03	4.78E-03	4.55E-03	1.62E-06	4.88E-06	2.83E-06	2.89E-06	2.62E-06	1.17E-06	1.14E-06	5.40E-08	1.30E-06	2.88E-07	3.93E-07	6.23E-07	1.07E-07	5.98E-07	3.37E-06
762	490436.72	3860385.12	4.82E-03	4.94E-03	4.70E-03	1.67E-06	5.04E-06	2.92E-06	2.99E-06	2.71E-06	1.21E-06	1.18E-06	5.57E-08	1.35E-06	2.97E-07	4.05E-07	6.43E-07	1.11E-07	6.18E-07	3.48E-06
763	490486.72	3860385.12	4.99E-03	5.11E-03	4.87E-03	1.73E-06	5.22E-06	3.02E-06	3.09E-06	2.80E-06	1.25E-06	1.22E-06	5.77E-08	1.39E-06	3.07E-07	4.20E-07	6.66E-07	1.15E-07	6.39E-07	3.60E-06
764	490536.72	3860385.12	5.17E-03	5.29E-03	5.04E-03	1.79E-06	5.40E-06	3.13E-06	3.20E-06	2.90E-06	1.29E-06	1.26E-06	5.97E-08	1.44E-06	3.18E-07	4.34E-07	6.89E-07	1.19E-07	6.62E-07	3.72E-06
765	490586.72	3860385.12	5.35E-03	5.48E-03	5.22E-03	1.85E-06	5.59E-06	3.24E-06	3.31E-06	3.00E-06	1.34E-06	1.31E-06	6.19E-08	1.49E-06	3.30E-07	4.50E-07	7.14E-07	1.23E-07	6.86E-07	3.86E-06
766	490636.72	3860385.12	5.55E-03	5.68E-03	5.41E-03	1.92E-06	5.80E-06	3.36E-06	3.43E-06	3.11E-06	1.39E-06	1.35E-06	6.41E-08	1.55E-06	3.42E-07	4.66E-07	7.40E-07	1.27E-07	7.10E-07	4.00E-06
767	490686.72	3860385.12	5.77E-03	5.91E-03	5.63E-03	2.00E-06	6.03E-06	3.49E-06	3.58E-06	3.24E-06	1.44E-06	1.41E-06	6.67E-08	1.61E-06	3.56E-07	4.85E-07	7.70E-07	1.33E-07	7.40E-07	4.16E-06
768	490736.72	3860385.12	6.01E-03	6.15E-03	5.86E-03	2.08E-06	6.28E-06	3.63E-06	3.72E-06	3.37E-06	1.50E-06	1.47E-06	6.94E-08	1.68E-06	3.70E-07	5.05E-07	8.01E-07	1.38E-07	7.69E-07	4.33E-06
769	490786.72	3860385.12	6.28E-03	6.42E-03	6.12E-03	2.17E-06	6.56E-06	3.80E-06	3.89E-06	3.52E-06	1.57E-06	1.53E-06	7.26E-08	1.75E-06	3.87E-07	5.28E-07	8.37E-07	1.44E-07	8.04E-07	4.53E-06
770	490136.72	3860435.12	3.74E-03	3.82E-03	3.64E-03	1.29E-06	3.91E-06	2.26E-06	2.31E-06	2.10E-06	9.35E-07	9.12E-07	4.32E-08	1.04E-06	2.30E-07	3.14E-07	4.98E-07	8.58E-08	4.79E-07	2.69E-06
771	490186.72	3860435.12	3.85E-03	3.94E-03	3.76E-03	1.33E-06	4.03E-06	2.33E-06	2.39E-06	2.16E-06	9.64E-07	9.40E-07	4.45E-08	1.08E-06	2.37E-07	3.24E-07	5.14E-07	8.85E-08	4.94E-07	2.78E-06
772	490236.72	3860435.12	3.97E-03	4.06E-03	3.87E-03	1.37E-06	4.15E-06	2.40E-06	2.46E-06	2.23E-06	9.93E-07	9.68E-07	4.59E-08	1.11E-06	2.44E-07	3.34E-07	5.29E-07	9.11E-08	5.08E-07	2.86E-06
773	490286.72	3860435.12	4.08E-03	4.18E-03	3.98E-03	1.41E-06	4.27E-06	2.47E-06	2.53E-06	2.29E-06	1.02E-06	9.97E-07	4.72E-08	1.14E-06	2.52E-07	3.43E-07	5.45E-07	9.38E-08	5.23E-07	2.94E-06
774	490336.72	3860435.12	4.20E-03	4.30E-03	4.10E-03	1.45E-06	4.39E-06	2.54E-06	2.60E-06	2.36E-06	1.05E-06	1.03E-06	4.86E-08	1.17E-06	2.59E-07	3.53E-07	5.61E-07	9.65E-08	5.38E-07	3.03E-06
775	490386.72	3860435.12	4.33E-03	4.43E-03	4.23E-03	1.50E-06	4.53E-06	2.62E-06	2.68E-06	2.43E-06	1.08E-06	1.06E-06	5.01E-08	1.21E-06	2.67E-07	3.64E-07	5.78E-07	9.95E-08	5.55E-07	3.12E-06
776	490436.72	3860435.12	4.47E-03	4.57E-03	4.36E-03	1.55E-06	4.67E-06	2.70E-06	2.77E-06	2.51E-06	1.12E-06	1.09E-06	5.16E-08	1.25E-06	2.75E-07	3.76E-07	5.96E-07	1.03E-07	5.72E-07	3.22E-06
777	490486.72	3860435.12	4.61E-03	4.72E-03	4.50E-03	1.60E-06	4.82E-06	2.79E-06	2.86E-06	2.59E-06	1.15E-06	1.13E-06	5.33E-08	1.29E-06	2.84E-07	3.88E-07	6.15E-07	1.06E-07	5.91E-07	3.33E-06
778	490536.72	3860435.12	4.77E-03	4.88E-03	4.65E-03	1.65E-06	4.99E-06	2.89E-06	2.95E-06	2.68E-06	1.19E-06	1.16E-06	5.51E-08	1.33E-06	2.94E-07	4.01E-07	6.36E-07	1.10E-07	6.11E-07	3.44E-06
779	490586.72	3860435.12	4.93E-03	5.05E-03	4.81E-03	1.71E-06	5.15E-06	2.98E-06	3.05E-06	2.77E-06	1.23E-06	1.20E-06	5.70E-08	1.38E-06	3.04E-07	4.15E-07	6.58E-07	1.13E-07	6.32E-07	3.55E-06
780	490636.72	3860435.12	5.10E-03	5.22E-03	4.97E-03	1.77E-06	5.33E-06	3.09E-06	3.16E-06	2.86E-06	1.28E-06	1.24E-06	5.90E-08	1.42E-06	3.14E-07	4.29E-07	6.80E-07	1.17E-07	6.53E-07	3.68E-06
781	490686.72	3860435.12	5.29E-03	5.42E-03	5.16E-03	1.83E-06	5.53E-06	3.20E-06	3.28E-06	2.97E-06	1.32E-06	1.29E-06	6.12E-08	1.48E-06	3.26E-07	4.45E-07	7.06E-07	1.22E-07	6.78E-07	3.82E-06
782	490736.72	3860435.12	5.51E-03	5.64E-03	5.38E-03	1.91E-06	5.76E-06	3.33E-06	3.41E-06	3.09E-06	1.38E-06	1.35E-06	6.37E-08	1.54E-06	3.40E-07	4.63E-07	7.35E-07	1.27E-07	7.06E-07	3.97E-06
783	490786.72	3860435.12	5.73E-03	5.87E-03	5.59E-03	1.98E-06	5.99E-06	3.47E-06	3.55E-06	3.22E-06	1.43E-06	1.40E-06	6.63E-08	1.60E-06	3.53E-07	4.82E-07	7.65E-07	1.32E-07	7.34E-07	4.13E-06
784	490136.72	3860485.12	3.51E-03	3.60E-03	3.43E-03	1.22E-06	3.67E-06	2.13E-06	2.18E-06	1.97E-06	8.79E-07	8.57E-07	4.06E-08	9.81E-07	2.16E-07	2.95E-07	4.69E-07	8.07E-08	4.50E-07	2.53E-06
785	490186.72	3860485.12	3.61E-03	3.70E-03	3.52E-03	1.25E-06	3.77E-06	2.18E-06	2.24E-06	2.03E-06	9.04E-07	8.81E-07	4.17E-08	1.01E-06	2.22E-07	3.04E-07	4.82E-07	8.29E-08	4.63E-07	2.60E-06
786	490236.72	3860485.12	3.71E-03	3.80E-03	3.62E-03	1.28E-06	3.88E-06	2.24E-06	2.30E-06	2.08E-06	9.28E-07	9.05E-07	4.29E-08	1.04E-06	2.28E-07	3.12E-07	4.95E-07	8.52E-08	4.75E-07	2.67E-06
787	490286.72	3860485.12	3.82E-03	3.91E-03	3.72E-03	1.32E-06	3.99E-06	2.31E-06	2.36E-06	2.14E-06	9.55E-07	9.32E-07	4.41E-08	1.07E-06	2.35E-07	3.21E-07	5.09E-07	8.77E-08	4.89E-07	2.75E-06
788	490336.72	3860485.12	3.92E-03	4.01E-03	3.82E-03	1.36E-06	4.10E-06	2.37E-06	2.43E-06	2.20E-06	9.81E-07	9.57E-07	4.53E-08	1.09E-06	2.42E-07	3.30E-07	5.23E-07	9.01E-08	5.02E-07	2.83E-06
789	490386.72	3860485.12	4.04E-03	4.13E-03	3.94E-03	1.40E-06	4.22E-06	2.44E-06	2.50E-06	2.27E-06	1.01E-06	9.86E-07	4.67E-08	1.13E-06	2.49E-07	3.40E-07	5.39E-07	9.28E-08	5.17E-07	2.91E-06
790	490436.72	3860485.12	4.17E-03	4.27E-03	4.07E-03	1.44E-06	4.36E-06	2.52E-06	2.58E-06	2.34E-06	1.04E-06	1.02E-06	4.82E-08	1.16E-06	2.57E-07	3.51E-07	5.56E-07	9.58E-08	5.34E-07	3.01E-06
791	490486.72	3860485.12	4.29E-03	4.39E-03	4.19E-03	1.49E-06	4.49E-06	2.60E-06	2.66E-06	2.41E-06	1.07E-06	1.05E-06	4.96E-08	1.20E-06	2.64E-07	3.61E-07	5.72E-07	9.86E-08	5.50E-07	3.09E-06
792	490536.72	3860485.12	4.42E-03	4.52E-03	4.31E-03	1.53E-06	4.62E-06	2.67E-06	2.74E-06	2.48E-06	1.11E-06	1.08E-06	5.11E-08	1.23E-06	2.72E-07	3.72E-07	5.89E-07	1.01E-07	5.66E-07	3.19E-06
793	490586.72	3860485.12	4.56E-03	4.66E-03	4.44E-03	1.58E-06	4.76E-06	2.76E-06	2.82E-06	2.56E-06	1.14E-06	1.11E-06	5.27E-08	1.27E-06	2.81E-07	3.83E-07	6.08E-07	1.05E-07	5.84E-07	3.29E-06
794	490636.72	3860485.12	4.71E-03	4.83E-03	4.60E-03	1.63E-06	4.93E-06	2.85E-06	2.92E-06	2.65E-06	1.18E-06	1.15E-06	5.45E-08	1.32E-06	2.90E-07	3.96E-07	6.29E-07	1.08E-07	6.04E-07	3.40E-06
795	490686.72	3860485.12	4.87E-03	4.99E-03	4.75E-03	1.69E-06	5.09E-06	2.95E-06	3.02E-06	2.73E-06	1.22E-06	1.19E-06	5.63E-08	1.36E-06	3.00E-07	4.10E-07	6.50E-07	1.12E-07	6.24E-07	3.51E-06
796	490736.72	3860485.12	5.05E-03	5.17E-03	4.93E-03	1.75E-06	5.28E-06	3.06E-06	3.13E-06	2.84E-06	1.26E-06	1.23E-06	5.84E-08	1.41E-06	3.11E-07	4.25E-07	6.74E-07	1.16E-07	6.47E-07	3.64E-06
797	490786.72	3860485.12	5.25E-03	5.38E-03	5.12E-03	1.82E-06	5.49E-06	3.18E-06	3.25E-06	2.95E-06	1.31E-06	1.28E-06	6.07E-08	1.47E-06	3.24E-07	4.42E-07	7.01E-07	1.21E-07	6.73E-07	3.79E-06
798	490136.72	3860535.12	3.31E-03	3.38E-03	3.23E-03	1.14E-06	3.46E-06	2.00E-06	2.05E-06	1.86E-06	8.28E-07	8.07E-07	3.82E-08	9.23E-07	2.04E-07	2.78E-07	4.41E-07	7.60E-08	4.24E-07	2.38E-06
799	490186.72	3860535.12	3.41E-03	3.49E-03	3.33E-03	1.18E-06	3.56E-06	2.06E-06	2.11E-06	1.91E-06	8.54E-07	8.32E-07	3.94E-08	9.52E-07	2.10E-07	2.87E-07	4.55E-07	7.83E-08	4.37E-07	2.46E-06
800	490236.72	3860535.12	3.48E-03	3.57E-03	3.40E-03	1.21E-06	3.64E-06	2.11E-06	2.16E-06	1.96E-06	8.72E-07	8.50E-07	4.03E-08	9.73E-07	2.15E-07	2.93E-07	4.65E-07	8.00E-08	4.46E-07	2.51E-06
801	490286.72	3860535.12	3.57E-03	3.66E-03	3.48E-03	1.24E-06	3.73E-06	2.16E-06	2.21E-06	2.01E-06	8.94E-07	8.72E-07	4.13E-08	9.97E-07	2.20E-07	3.00E-07	4.76E-07	8.20E-08	4.58E-07	2.57E-06

802	490336.72	3860535.12	3.67E-03	3.76E-03	3.58E-03	1.27E-06	3.84E-06	2.22E-06	2.27E-06	2.06E-06	9.19E-07	8.96E-07	4.24E-08	1.03E-06	2.26E-07	3.09E-07	4.90E-07	8.43E-08	4.70E-07	2.65E-06
803	490386.72	3860535.12	3.78E-03	3.87E-03	3.69E-03	1.31E-06	3.95E-06	2.29E-06	2.34E-06	2.12E-06	9.47E-07	9.23E-07	4.37E-08	1.06E-06	2.33E-07	3.18E-07	5.05E-07	8.69E-08	4.85E-07	2.73E-06
804	490436.72	3860535.12	3.90E-03	3.99E-03	3.80E-03	1.35E-06	4.07E-06	2.36E-06	2.41E-06	2.19E-06	9.75E-07	9.51E-07	4.50E-08	1.09E-06	2.40E-07	3.28E-07	5.20E-07	8.95E-08	4.99E-07	2.81E-06
805	490486.72	3860535.12	4.01E-03	4.11E-03	3.91E-03	1.39E-06	4.19E-06	2.43E-06	2.48E-06	2.25E-06	1.00E-06	9.79E-07	4.64E-08	1.12E-06	2.47E-07	3.37E-07	5.35E-07	9.21E-08	5.14E-07	2.89E-06
806	490536.72	3860535.12	4.16E-03	4.26E-03	4.06E-03	1.44E-06	4.35E-06	2.52E-06	2.58E-06	2.34E-06	1.04E-06	1.02E-06	4.81E-08	1.16E-06	2.56E-07	3.50E-07	5.55E-07	9.55E-08	5.33E-07	3.00E-06
807	490586.72	3860535.12	4.24E-03	4.34E-03	4.14E-03	1.47E-06	4.43E-06	2.57E-06	2.63E-06	2.38E-06	1.06E-06	1.04E-06	4.90E-08	1.18E-06	2.61E-07	3.57E-07	5.66E-07	9.74E-08	5.43E-07	3.06E-06
808	490636.72	3860535.12	4.37E-03	4.47E-03	4.26E-03	1.51E-06	4.57E-06	2.64E-06	2.71E-06	2.45E-06	1.09E-06	1.07E-06	5.05E-08	1.22E-06	2.69E-07	3.67E-07	5.83E-07	1.00E-07	5.60E-07	3.15E-06
809	490686.72	3860535.12	4.51E-03	4.62E-03	4.40E-03	1.56E-06	4.72E-06	2.73E-06	2.79E-06	2.53E-06	1.13E-06	1.10E-06	5.22E-08	1.26E-06	2.78E-07	3.79E-07	6.02E-07	1.04E-07	5.78E-07	3.25E-06
810	490736.72	3860535.12	4.66E-03	4.77E-03	4.54E-03	1.61E-06	4.87E-06	2.82E-06	2.88E-06	2.62E-06	1.17E-06	1.14E-06	5.38E-08	1.30E-06	2.87E-07	3.92E-07	6.21E-07	1.07E-07	5.97E-07	3.36E-06
811	490786.72	3860535.12	4.83E-03	4.94E-03	4.71E-03	1.67E-06	5.05E-06	2.92E-06	2.99E-06	2.71E-06	1.21E-06	1.18E-06	5.58E-08	1.35E-06	2.98E-07	4.06E-07	6.44E-07	1.11E-07	6.19E-07	3.48E-06
812	490136.72	3860585.12	3.13E-03	3.21E-03	3.06E-03	1.08E-06	3.28E-06	1.90E-06	1.94E-06	1.76E-06	7.84E-07	7.65E-07	3.62E-08	8.75E-07	1.93E-07	2.63E-07	4.18E-07	7.20E-08	4.01E-07	2.26E-06
813	490186.72	3860585.12	3.17E-03	3.25E-03	3.09E-03	1.10E-06	3.32E-06	1.92E-06	1.97E-06	1.78E-06	7.94E-07	7.74E-07	3.67E-08	8.86E-07	1.95E-07	2.67E-07	4.23E-07	7.29E-08	4.06E-07	2.29E-06
814	490236.72	3860585.12	3.27E-03	3.34E-03	3.19E-03	1.13E-06	3.41E-06	1.98E-06	2.02E-06	1.83E-06	8.17E-07	7.97E-07	3.78E-08	9.12E-07	2.01E-07	2.75E-07	4.36E-07	7.50E-08	4.18E-07	2.35E-06
815	490286.72	3860585.12	3.36E-03	3.44E-03	3.27E-03	1.16E-06	3.51E-06	2.03E-06	2.08E-06	1.89E-06	8.40E-07	8.20E-07	3.88E-08	9.38E-07	2.07E-07	2.82E-07	4.48E-07	7.71E-08	4.30E-07	2.42E-06
816	490336.72	3860585.12	3.44E-03	3.53E-03	3.36E-03	1.19E-06	3.60E-06	2.08E-06	2.13E-06	1.93E-06	8.62E-07	8.41E-07	3.98E-08	9.62E-07	2.12E-07	2.90E-07	4.60E-07	7.91E-08	4.41E-07	2.48E-06
817	490386.72	3860585.12	3.53E-03	3.62E-03	3.45E-03	1.22E-06	3.69E-06	2.14E-06	2.19E-06	1.98E-06	8.85E-07	8.63E-07	4.09E-08	9.87E-07	2.18E-07	2.97E-07	4.72E-07	8.12E-08	4.53E-07	2.55E-06
818	490436.72	3860585.12	3.66E-03	3.75E-03	3.57E-03	1.27E-06	3.83E-06	2.21E-06	2.27E-06	2.05E-06	9.16E-07	8.93E-07	4.23E-08	1.02E-06	2.25E-07	3.08E-07	4.88E-07	8.41E-08	4.69E-07	2.64E-06
819	490486.72	3860585.12	3.78E-03	3.87E-03	3.69E-03	1.31E-06	3.96E-06	2.29E-06	2.34E-06	2.12E-06	9.47E-07	9.24E-07	4.37E-08	1.06E-06	2.33E-07	3.18E-07	5.05E-07	8.69E-08	4.85E-07	2.73E-06
820	490536.72	3860585.12	3.88E-03	3.97E-03	3.79E-03	1.34E-06	4.06E-06	2.35E-06	2.40E-06	2.18E-06	9.72E-07	9.48E-07	4.49E-08	1.08E-06	2.39E-07	3.26E-07	5.18E-07	8.92E-08	4.97E-07	2.80E-06
821	490586.72	3860585.12	3.94E-03	4.03E-03	3.84E-03	1.36E-06	4.12E-06	2.38E-06	2.44E-06	2.21E-06	9.86E-07	9.62E-07	4.55E-08	1.10E-06	2.43E-07	3.31E-07	5.26E-07	9.05E-08	5.05E-07	2.84E-06
822	490636.72	3860585.12	4.06E-03	4.15E-03	3.96E-03	1.40E-06	4.24E-06	2.46E-06	2.51E-06	2.28E-06	1.02E-06	9.91E-07	4.69E-08	1.13E-06	2.50E-07	3.41E-07	5.41E-07	9.32E-08	5.20E-07	2.93E-06
823	490686.72	3860585.12	4.18E-03	4.28E-03	4.08E-03	1.45E-06	4.37E-06	2.53E-06	2.59E-06	2.35E-06	1.05E-06	1.02E-06	4.83E-08	1.17E-06	2.58E-07	3.52E-07	5.58E-07	9.60E-08	5.35E-07	3.01E-06
824	490736.72	3860585.12	4.31E-03	4.41E-03	4.21E-03	1.49E-06	4.51E-06	2.61E-06	2.67E-06	2.42E-06	1.08E-06	1.05E-06	4.98E-08	1.20E-06	2.66E-07	3.63E-07	5.75E-07	9.90E-08	5.52E-07	3.11E-06
825	490786.72	3860585.12	4.45E-03	4.55E-03	4.34E-03	1.54E-06	4.65E-06	2.69E-06	2.75E-06	2.50E-06	1.11E-06	1.09E-06	5.14E-08	1.24E-06	2.74E-07	3.74E-07	5.93E-07	1.02E-07	5.70E-07	3.21E-06
826	490136.72	3860635.12	2.98E-03	3.06E-03	2.91E-03	1.03E-06	3.12E-06	1.81E-06	1.85E-06	1.68E-06	7.47E-07	7.29E-07	3.45E-08	8.33E-07	1.84E-07	2.51E-07	3.98E-07	6.85E-08	3.82E-07	2.15E-06
827	490186.72	3860635.12	3.04E-03	3.11E-03	2.96E-03	1.05E-06	3.17E-06	1.84E-06	1.88E-06	1.70E-06	7.60E-07	7.41E-07	3.51E-08	8.47E-07	1.87E-07	2.55E-07	4.05E-07	6.97E-08	3.89E-07	2.19E-06
828	490236.72	3860635.12	3.08E-03	3.16E-03	3.01E-03	1.07E-06	3.22E-06	1.87E-06	1.91E-06	1.73E-06	7.72E-07	7.53E-07	3.56E-08	8.61E-07	1.90E-07	2.59E-07	4.11E-07	7.08E-08	3.95E-07	2.22E-06
829	490286.72	3860635.12	3.15E-03	3.23E-03	3.08E-03	1.09E-06	3.30E-06	1.91E-06	1.95E-06	1.77E-06	7.90E-07	7.70E-07	3.65E-08	8.81E-07	1.94E-07	2.65E-07	4.21E-07	7.25E-08	4.04E-07	2.27E-06
830	490336.72	3860635.12	3.24E-03	3.31E-03	3.16E-03	1.12E-06	3.38E-06	1.96E-06	2.00E-06	1.82E-06	8.10E-07	7.90E-07	3.74E-08	9.04E-07	1.99E-07	2.72E-07	4.32E-07	7.43E-08	4.15E-07	2.33E-06
831	490386.72	3860635.12	3.32E-03	3.40E-03	3.24E-03	1.15E-06	3.47E-06	2.01E-06	2.06E-06	1.86E-06	8.31E-07	8.11E-07	3.84E-08	9.27E-07	2.05E-07	2.79E-07	4.43E-07	7.63E-08	4.25E-07	2.39E-06
832	490436.72	3860635.12	3.40E-03	3.48E-03	3.32E-03	1.18E-06	3.56E-06	2.06E-06	2.11E-06	1.91E-06	8.52E-07	8.31E-07	3.94E-08	9.51E-07	2.10E-07	2.86E-07	4.54E-07	7.82E-08	4.36E-07	2.45E-06
833	490486.72	3860635.12	3.50E-03	3.58E-03	3.41E-03	1.21E-06	3.66E-06	2.12E-06	2.17E-06	1.96E-06	8.75E-07	8.54E-07	4.04E-08	9.76E-07	2.15E-07	2.94E-07	4.67E-07	8.03E-08	4.48E-07	2.52E-06
834	490536.72	3860635.12	3.61E-03	3.69E-03	3.52E-03	1.25E-06	3.77E-06	2.18E-06	2.23E-06	2.02E-06	9.02E-07	8.80E-07	4.17E-08	1.01E-06	2.22E-07	3.03E-07	4.81E-07	8.28E-08	4.62E-07	2.60E-06
835	490586.72	3860635.12	3.68E-03	3.77E-03	3.59E-03	1.28E-06	3.85E-06	2.23E-06	2.28E-06	2.07E-06	9.22E-07	8.99E-07	4.26E-08	1.03E-06	2.27E-07	3.10E-07	4.92E-07	8.46E-08	4.72E-07	2.66E-06
836	490636.72	3860635.12	3.79E-03	3.88E-03	3.70E-03	1.31E-06	3.96E-06	2.29E-06	2.35E-06	2.13E-06	9.48E-07	9.25E-07	4.38E-08	1.06E-06	2.33E-07	3.19E-07	5.06E-07	8.70E-08	4.85E-07	2.73E-06
837	490686.72	3860635.12	3.89E-03	3.99E-03	3.80E-03	1.35E-06	4.07E-06	2.36E-06	2.41E-06	2.19E-06	9.75E-07	9.51E-07	4.50E-08	1.09E-06	2.40E-07	3.28E-07	5.20E-07	8.95E-08	4.99E-07	2.81E-06
838	490736.72	3860635.12	4.00E-03	4.09E-03	3.90E-03	1.38E-06	4.18E-06	2.42E-06	2.47E-06	2.24E-06	1.00E-06	9.75E-07	4.62E-08	1.12E-06	2.46E-07	3.36E-07	5.33E-07	9.18E-08	5.12E-07	2.88E-06
839	490786.72	3860635.12	4.12E-03	4.21E-03	4.02E-03	1.43E-06	4.30E-06	2.49E-06	2.55E-06	2.31E-06	1.03E-06	1.00E-06	4.76E-08	1.15E-06	2.54E-07	3.46E-07	5.49E-07	9.46E-08	5.27E-07	2.97E-06
840	490136.72	3860685.12	2.82E-03	2.88E-03	2.75E-03	9.75E-07	2.95E-06	1.70E-06	1.75E-06	1.58E-06	7.05E-07	6.88E-07	3.26E-08	7.87E-07	1.74E-07	2.37E-07	3.76E-07	6.47E-08	3.61E-07	2.03E-06
841	490186.72	3860685.12	2.90E-03	2.97E-03	2.83E-03	1.00E-06	3.03E-06	1.76E-06	1.80E-06	1.63E-06	7.26E-07	7.08E-07	3.35E-08	8.10E-07	1.79E-07	2.44E-07	3.87E-07	6.67E-08	3.72E-07	2.09E-06
842	490236.72	3860685.12	2.94E-03	3.01E-03	2.87E-03	1.02E-06	3.08E-06	1.78E-06	1.82E-06	1.65E-06	7.37E-07	7.18E-07	3.40E-08	8.22E-07	1.81E-07	2.47E-07	3.93E-07	6.76E-08	3.77E-07	2.12E-06
843	490286.72	3860685.12	2.97E-03	3.04E-03	2.90E-03	1.03E-06	3.10E-06	1.80E-06	1.84E-06	1.67E-06	7.43E-07	7.25E-07	3.43E-08	8.29E-07	1.83E-07	2.50E-07	3.96E-07	6.82E-08	3.80E-07	2.14E-06
844	490336.72	3860685.12	3.05E-03	3.12E-03	2.98E-03	1.06E-06	3.19E-06	1.85E-06	1.89E-06	1.71E-06	7.64E-07	7.45E-07	3.53E-08	8.52E-07	1.88E-07	2.57E-07	4.07E-07	7.01E-08	3.91E-07	2.20E-06
845	490386.72	3860685.12	3.13E-03	3.20E-03	3.05E-03	1.08E-06	3.27E-06	1.89E-06	1.94E-06	1.76E-06	7.82E-07	7.63E-07	3.61E-08	8.73E-07	1.93E-07	2.63E-07	4.17E-07	7.18E-08	4.00E-07	2.25E-06
846	490436.72	3860685.12	3.19E-03	3.27E-03	3.11E-03	1.11E-06	3.34E-06	1.93E-06	1.98E-06	1.79E-06	7.99E-07	7.80E-07	3.69E-08	8.92E-07	1.97E-07	2.69E-07	4.26E-07	7.33E-08	4.09E-07	2.30E-06
847	490486.72	3860685.12	3.26E-03	3.34E-03	3.18E-03	1.13E-06	3.41E-06	1.97E-06	2.02E-06	1.83E-06	8.17E-07	7.97E-07	3.77E-08	9.11E-07	2.01E-07	2.74E-07	4.35E-07	7.50E-08	4.18E-07	2.35E-06
848	490536.72	3860685.12	3.35E-03	3.43E-03	3.27E-03	1.16E-06	3.50E-06	2.03E-06	2.07E-06	1.88E-06	8.38E-07	8.18E-07	3.87E-08	9.35E-07	2.06E-07	2.82E-07	4.47E-07	7.69E-08	4.29E-07	2.42E-06
849	490586.72	3860685.12	3.44E-03	3.52E-03	3.35E-03	1.19E-06	3.59E-06	2.08E-06	2.13E-06	1.93E-06	8.61E-07	8.39E-07	3.97E-08	9.60E-07	2.12E-07	2.89E-07	4.59E-07	7.90E-08	4.40E-07	2.48E-06
850	490636.72	3860685.12	3.54E-03	3.62E-03	3.45E-03	1.22E-06	3.70E-06	2.14E-06	2.19E-06	1.99E-06	8.85E-07	8.63E-07	4.09E-08	9.87E-07	2.18E-07	2.97E-07	4.72E-07	8.12E-08	4.53E-07	2.55E-06
851	490686.72	3860685.12	3.64E-03	3.73E-03	3.55E-03	1.26E-06	3.80E-06	2.20E-06	2.25E-06	2.04E-06	9.11E-07	8.88E-07	4.21E-08	1.02E-06	2.24E-07	3.06E-07	4.86E-07	8.36E-08	4.66E-07	2.62E-06
852	490736.72	3860685.12	3.73E-03	3.82E-03	3.64E-03	1.29E-06	3.90E-06	2.26E-06	2.31E-06	2.10E-06	9.34E-07	9.11E-07	4.31E-08	1.04E-06	2.30E-07	3.14E-07	4.98E-07	8.57E-08	4.78E-07	2.69E-06
853	490786.72	3860685.12	3.85E-03	3.94E-03	3.76E-03	1.33E-06	4.03E-06	2.33E-06	2.39E-06	2.16E-06	9.64E-07	9.40E-07	4.45E-08	1.08E-06	2.37E-07	3.24E-07	5.14E-07	8.85E-08	4.93E-07	2.78E-06
854	490136.72	3860735.12	2.64E-03	2.70E-03	2.57E-03	9.13E-07	2.76E-06	1.60E-06	1.63E-06	1.48E-06	6.60E-07	6.44E-07	3.05E-08	7.37E-07	1.63E-07	2.22E-07	3.52E-07	6.06E-08	3.38E-07	1.90E-06
855	490186.72	3860735.12	2.69E-03	2.75E-03	2.62E-03	9.30E-07	2.81E-06	1.63E-06	1.66E-06	1.51E-06	6.72E-07	6.56E-07	3.11E-08	7.50E-07	1.66E-07	2.26E-07	3.58E-07	6.17E-08	3.44E-07	1.94E-06
856	490236.72	3860735.12	2.74E-03	2.81E-03	2.68E-03	9.50E-07	2.87E-06	1.66E-06	1.70E-06	1.54E-06	6.87E-07	6.70E-07	3.17E-08	7.66E-07	1.69E-07	2.31E-07	3.66E-07	6.30E-08	3.51E-07	1.98E-06
857	490286.72	3860735.12	2.81E-03	2.87E-03	2.74E-03	9.71E-07	2.93E-06	1.70E-06	1.74E-06	1.58E-06	7.02E-07	6.85E-07	3.24E-08	7.83E-07	1.73E-07	2.36E-07	3.74E-07	6.44E-08	3.59E-07	2.02E-06
858	490336.72	3860735.12	2.87E-03	2.94E-03	2.80E-03	9.93E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.18E-07	7.00E-07	3.32E-08	8.01E-07	1.77E-07	2.41E-07	3.83E-07	6.59E-08	3.67E-07	2.07E-06
859	490386.72	3860735.12	2.94E-03	3.01E-03	2.87E-03	1.02E-06	3.07E-06	1.78E-06	1.82E-06	1.65E-06	7.36E-07	7.18E-07	3.40E-08	8.21E-07	1.81E-07	2.47E-07	3.92E-07	6.76E-08	3.77E-07	2.12E-06
860	490436.72	3860735.12	3.03E-03	3.10E-03	2.96E-03	1.05E-06	3.17E-06	1.83E-06	1.88E-06	1.70E-06	7.59E-07	7.40E-07	3.50E-08	8.46E-07	1.87E-07	2.55E-07	4.04E-07	6.96E-08	3.88E-07	2.19E-06
861	490486.72	3860735.12	3.09E-03	3.16E-03	3.01E-03	1.07E-06	3.23E-06	1.87E-06	1.91E-06	1.73E-06	7.73E-07	7.54E-07	3.57E-08	8.62E-07	1.90E-07	2.60E-07	4.12E-07	7.09E-08	3.96E-07	2.23E-06
862	490536.72	3860735.12	3.13E-03	3.21E-03	3.06E-03	1.08E-06	3.28E-06	1.90E-06	1.94E-06	1.76E-06	7.84E-07	7.65E-07	3.62E-08	8.75E-07	1.93E-07	2.64E-07	4.18E-07	7.20E-08	4.01E-07	2.26E-06
863	490586.72	3860735.12	3.21E-03	3.28E-03	3.13E-03	1.11E-06	3.35E-06	1.94E-06	1.99E-06	1.80E-06	8.02E-07	7.82E-07	3.71E-08	8.95E-07	1.97E-07	2.70E-07	4.28E-07	7.36E-08	4.11E-07	2.31E-06
864	490636.72	3860735.12	3.29E-03	3.36E-03	3.20E-03	1.14E-06	3.43E-06	1.99E-06	2.03E-06	1.84E-06	8.22E-07	8.02E-07	3.80E-08	9.17E-07	2.02E-07	2.76E-07	4.38E-07	7.55E-08	4.21E-07	2.37E-06
865	490686.72	3860735.12	3.39E-03	3.47E-03	3.30E-03	1.17E-06	3.54E-06	2.05E-06	2.10E-06	1.90E-06	8.47E-07	8.26E-07	3.91E-08	9.45E-07	2.09E-07	2.85E-07	4.52E-07	7.78E-08	4.34E-07	2.44E-06
866	490736.72	3860735.12	3.49E-03	3.57E-03	3.40E-03	1.21E-06	3.65E-06	2.11E-06	2.16E-06	1.96E-06	8.73E-07	8.51E-07	4.03E-08	9.74E-07	2.15E-07	2.93E-07	4.65E-07	8.01E-08	4.47E-07	2.51E-06
867	490136.72	3860785.12	2.48E-03	2.54E-03	2.42E-03	8.60E-07	2.60E-06	1.50E-06	1.54E-06	1.39E-06	6.22E-07	6.06E-07	2.87E-08	6.93E-07	1.53E-07	2.09E-07	3.31E-07	5.70E-08	3.18E-07	1.79E-06
868	490186.72	3860785.12	2.54E-03	2.60E-03	2.47E-03	8.78E-07	2.65E-06	1.53E-06	1.57E-06	1.42E-06	6.35E-07	6.19E-07	2.93E-08	7.08E-07	1.56E-07	2.13E-07	3.38E-07	5.82E-08	3.25E-07	1.83E-06
869	490236.72	3860785.12	2.59E-03	2.65E-03	2.52E-03	8.96E-07	2.70E-06	1.57E-06	1.60E-06	1.45E-06	6.48E-07	6.32E-07	2.99E-08	7.22E-07	1.59E-07	2.18E-07	3.45E-07	5.94E-08	3.31E-07	1.87E-06
870	490286.72	3860785.12	2.64E-03	2.70E-03	2.58E-03	9.15E-07	2.76E-06	1.60E-06	1.64E-06	1.48E-06	6.61E-07	6.45E-07	3.05E-08	7.38E-07	1.63E-07	2.22E-07	3.52E-07	6.07E-08	3.38E-07	1.91E-06
871	490336.72	3860785.12	2.70E-03	2.76E-03	2.63E-03	9.34E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.75E-07	6.58E-07	3.12E-08	7.53E-07	1.66E-07	2.27E-07	3.60E-07	6.20E-08	3.46E-07	1.94E-06
872	490386.72	3860785.12	2.77E-03	2.84E-03	2.70E-03	9.59E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	6.93E-07	6.76E-07	3.20E-08	7.74E-07	1.71E-07	2.33E-07	3.70E-07	6.36E-08	3.55E-07	2.00E-06
873	490436.72	3860785.12	2.83E-03	2.90E-03	2.76E-03	9.80E-07	2.96E-06	1.71E-06	1.75E-06	1.59E-06	7.08E-07	6.91E-07	3.27E-08	7.90E-07	1.74E-07	2.38E-07	3.78E-07	6.50E-08	3.63E-07	2.04E-06
874	490486.72	3860785.12	2.91E-03	2.97E-03	2.83E-03	1.01E-06	3.04E-06	1.76E-06	1.80E-06	1.63E-06	7.27E-07	7.09E-07	3.36E-08	8.11E-07	1.79E-07	2.44E-07	3.88E-07	6.67E-08	3.72E-07	2.09E-06
875	490536.72	3860785.12	2.96E-03	3.03E-03	2.89E-03	1.02E-06	3.09E-06	1.79E-06	1.83E-06	1.66E-06	7.41E-07	7.22E-07	3.42E-08	8.26E-07	1.82E-07	2.49E-07	3.95E-07	6.80E-08	3.79E-07	2.13E-06
876	490586.72	3860785.12	3.00E-03	3.07E-03	2.93E-03	1.04E-06	3.14E-06	1.82E-06	1.86E-06	1.68E-06	7.51E-07	7.32E-07	3.47E-08	8.38E-07	1.85E-07	2.52E-07	4.00E-07	6.89E-08	3.84E-07	2.16E-06
877	490636.72	3860785.12	3.06E-03	3.14E-03	2.99E-03	1.06E-06	3.20E-06	1.85E-06	1.90E-06	1.72E-06	7.67E-07	7.48E-07	3.54E-08	8.56E-07	1.89E-07	2.58E-07	4.09E-07	7.04E-08	3.93E-07	2.21E-06
878	490686.72	3860785.12	3.14E-03	3.22E-03	3.07E-03	1.09E-06	3.29E-06	1.90E-06	1.95E-06	1.77E-06	7.87E-07	7.67E-07	3.63E-08	8.78E-07	1.94E-07	2.64E-07	4.19E-07	7.22E-08	4.03E-07	2.27E-06
879	490736.72	3860785.12	3.24E-03	3.31E-03	3.16E-03	1.12E-06	3.38E-06	1.96E-06	2.01E-06	1.82E-06	8.10E-07	7.90E-07	3.74E-08	9.04E-07	1.99E-07	2.72E-07	4.32E-07	7.44E-08	4.15E-07	2.33E-06
880	490086.72	3860835.12	2.31E-03	2.36E-03	2.25E-03	7.99E-07	2.41E-06	1.40E-06	1.43E-06	1.30E-06	5.78E-07	5.64E-07	2.67E-08	6.45E-07	1.42E-07	1.94E-07	3.08E-07	5.30E-08	2.96E-07	1.66E-06
881	490136.72	3860835.12	2.36E-03	2.42E-03	2.30E-03	8.18E-07	2.47E-06	1.43E-06	1.46E-06	1.33E-06	5.91E-07	5.76E-07	2.73E-08	6.59E-07	1.46E-07	1.99E-07	3.15E-07	5.42E-08	3.03E-07	1.70E-06
882	490186.72	3860835.12	2.40E-03	2.46E-03	2.34E-03	8.32E-07	2.51E-06	1.45E-06	1.49E-06	1.35E-06	6.01E-07	5.86E-07	2.78E-08	6.71E-07	1.48E-07	2.02E-07	3.20E-07	5.52E-08	3.08E-07	1.73E-06
883	490236.72	3860835.12	2.45E-03	2.50E-03	2.39E-03	8.47E-07	2.56E-06	1.48E-06	1.52E-06	1.37E-06	6.12E-07	5.97E-07	2.83E-08	6.83E-07	1.51E-07	2.06E-07	3.26E-07	5.62E-08	3.13E-07	1.76E-06
884	490286.72	3860835.12	2.50E-03	2.56E-03	2.44E-03	8.65E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.25E-07	6.10E-07	2.89E-08	6.98E-07	1.54E-07	2.10E-07	3.33E-07	5.74E-08	3.20E-07	1.80E-06
885	490336.72	3860835.12	2.55E-03	2.61E-03	2.48E-03	8.81E-07	2.66E-06	1.54E-06	1.58E-06	1.43E-06	6.37E-07	6.21E-07	2.94E-08	7.11E-07	1.57E-07	2.14E-07	3.40E-07	5.85E-08	3.26E-07	1.84E-06
886	490386.72	3860835.12	2.60E-03	2.66E-03	2.53E-03	8.99E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.50E-07	6.34E-07	3.00E-08	7.25E-07	1.60E-07	2.18E-07	3.47E-07	5.97E-08	3.33E-07	1.87E-06
887	490436.72	3860835.12	2.66E-03	2.72E-03	2.59E-03	9.21E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.66E-07	6.49E-07	3.07E-08	7.43E-07	1.64E-07	2.24E-07	3.55E-07	6.11E-08	3.41E-07	1.92E-06
888	490486.72	3860835.12	2.72E-03	2.79E-03	2.65E-03	9.42E-07	2.84E-06	1.65E-06	1.69E-06	1.53E-06	6.81E-07	6.64E-07	3.15E-08	7.60E-07	1.68E-07	2.29E-07	3.63E-07	6.25E-08	3.49E-07	1.96E-06
889	490536.72	3860835.12	2.78E-03	2.84E-03	2.71E-03	9.61E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	6.95E-07	6.78E-07	3.21E-08	7.75E-07	1.71E-07	2.34E-07	3.70E-07	6.38E-08	3.56E-07	2.00E-06
890	490586.72	3860835.12	2.83E-03	2.89E-03	2.76E-03	9.78E-07	2.95E-06	1.71E-06	1.75E-06	1.59E-06	7.07E-07	6.90E-07	3.27E-08	7.89E-07	1.74E-07	2.38E-07	3.77E-07	6.49E-08	3.62E-07	2.04E-06
891	490636.72	3860835.12	2.88E-03	2.94E-03	2.81E-03	9.96E-07	3.01E-06	1.74E-06	1.78E-06	1.61E-06	7.20E-07	7.02E-07	3.32E-08	8.03E-07	1.77E-07	2.42E-07	3.84E-07	6.61E-08	3.68E-07	2.07E-06
892	490686.72	3860835.12	2.94E-03	3.01E-03	2.87E-03	1.02E-06	3.07E-06	1.78E-06	1.82E-06	1.65E-06	7.36E-07	7.18E-07	3.40E-08	8.21E-07	1.81E-07	2.47E-07	3.92E-07	6.76E-08	3.77E-07	2.12E-06
893	490736.72	3860835.12	3.02E-03	3.09E-03	2.95E-03	1.05E-06	3.16E-06	1.83E-06	1.87E-06	1.70E-06	7.56E-07	7.37E-07	3.49E-08	8.43E-07	1.86E-07	2.54E-07	4.03E-07	6.94E-08	3.87E-07	2.18E-06
894	490086.72	3860885.12	2.20E-03	2.25E-03	2.15E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.51E-07	5.38E-07	2.55E-08	6.15E-07	1.36E-07	1.85E-07	2.94E-07	5.06E-08	2.82E-07	1.59E-06
895	490136.72	3860885.12	2.24E-03	2.30E-03	2.19E-03	7.76E-07	2.34E-06	1.36E-06	1.39E-06	1.26E-06	5.61E-07	5.48E-07	2.59E-08	6.26E-07	1.38E-07	1.89E-07	2.99E-07	5.15E-08	2.87E-07	1.62E-06
896	490186.72	3860885.12	2.28E-03	2.34E-03	2.23E-03	7.90E-07	2.39E-06	1.38E-06	1.41E-06	1.28E-06	5.71E-07	5.57E-07	2.64E-08	6.37E-07	1.41E-07	1.92E-07	3.04E-07	5.24E-08	2.92E-07	1.65E-06
897	490236.72	3860885.12	2.32E-03	2.38E-03	2.27E-03	8.05E-07	2.43E-06	1.41E-06	1.44E-06	1.30E-06	5.82E-07	5.67E-07	2.69E-08	6.49E-07	1.43E-07	1.95E-07	3.10E-07	5.34E-08	2.98E-07	1.68E-06
898	490286.72	3860885.12	2.37E-03	2.42E-03	2.31E-03	8.19E-07	2.47E-06	1.43E-06	1.47E-06	1.33E-06	5.92E-07	5.78E-07	2.74E-08	6.61E-07	1.46E-07	1.99E-07	3.16E-07	5.44E-08	3.03E-07	1.71E-06
899	490336.72	3860885.12	2.41E-03	2.46E-03	2.35E-03	8.33E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.03E-07	5.88E-07	2.78E-08	6.72E-07	1.48E-07	2.02E-07	3.21E-07	5.53E-08	3.08E-07	1.74E-06
900	490386.72	3860885.12	2.46E-03	2.52E-03	2.40E-03	8.51E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.15E-07	6.00E-07	2.84E-08	6.86E-07	1.51E-07	2.07E-07	3.28E-07	5.65E-08	3.15E-07	1.77E-06
901	490436.72	3860885.12	2.51E-03	2.57E-03	2.45E-03	8.70E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.29E-07	6.13E-07	2.90E-08	7.01E-07	1.55E-07	2.11E-07	3.35E-07	5.77E-08	3.22E-07	1.81E-06
902	490486.72	3860885.12	2.56E-03	2.62E-03	2.50E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.41E-07	6.26E-07	2.96E-08	7.16E-07	1.58E-07	2.16E-07	3.42E-07	5.89E-08	3.28E-07	1.85E-06

903	490536.72	3860885.12	2.61E-03	2.67E-03	2.55E-03	9.04E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.54E-07	6.38E-07	3.02E-08	7.29E-07	1.61E-07	2.20E-07	3.48E-07	6.00E-08	3.35E-07	1.88E-06
904	490586.72	3860885.12	2.66E-03	2.72E-03	2.59E-03	9.20E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.65E-07	6.49E-07	3.07E-08	7.42E-07	1.64E-07	2.24E-07	3.55E-07	6.11E-08	3.41E-07	1.92E-06
905	490636.72	3860885.12	2.70E-03	2.77E-03	2.64E-03	9.36E-07	2.83E-06	1.64E-06	1.67E-06	1.52E-06	6.76E-07	6.60E-07	3.12E-08	7.55E-07	1.67E-07	2.27E-07	3.61E-07	6.21E-08	3.46E-07	1.95E-06
906	490686.72	3860885.12	2.75E-03	2.82E-03	2.69E-03	9.54E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	6.89E-07	6.72E-07	3.18E-08	7.69E-07	1.70E-07	2.32E-07	3.67E-07	6.33E-08	3.53E-07	1.99E-06
907	490736.72	3860885.12	2.81E-03	2.88E-03	2.74E-03	9.73E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.04E-07	6.86E-07	3.25E-08	7.85E-07	1.73E-07	2.36E-07	3.75E-07	6.46E-08	3.60E-07	2.03E-06
908	490086.72	3860935.12	2.10E-03	2.14E-03	2.04E-03	7.25E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.24E-07	5.11E-07	2.42E-08	5.85E-07	1.29E-07	1.76E-07	2.79E-07	4.81E-08	2.68E-07	1.51E-06
909	490136.72	3860935.12	2.13E-03	2.18E-03	2.07E-03	7.36E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.32E-07	5.19E-07	2.46E-08	5.94E-07	1.31E-07	1.79E-07	2.84E-07	4.88E-08	2.72E-07	1.53E-06
910	490186.72	3860935.12	2.17E-03	2.22E-03	2.11E-03	7.50E-07	2.26E-06	1.31E-06	1.34E-06	1.22E-06	5.42E-07	5.29E-07	2.50E-08	6.05E-07	1.33E-07	1.82E-07	2.89E-07	4.98E-08	2.77E-07	1.56E-06
911	490236.72	3860935.12	2.21E-03	2.26E-03	2.15E-03	7.64E-07	2.31E-06	1.33E-06	1.37E-06	1.24E-06	5.52E-07	5.39E-07	2.55E-08	6.16E-07	1.36E-07	1.86E-07	2.94E-07	5.07E-08	2.83E-07	1.59E-06
912	490286.72	3860935.12	2.25E-03	2.30E-03	2.19E-03	7.78E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.63E-07	5.49E-07	2.60E-08	6.28E-07	1.38E-07	1.89E-07	3.00E-07	5.16E-08	2.88E-07	1.62E-06
913	490336.72	3860935.12	2.28E-03	2.34E-03	2.23E-03	7.90E-07	2.39E-06	1.38E-06	1.41E-06	1.28E-06	5.71E-07	5.57E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.24E-08	2.93E-07	1.65E-06
914	490386.72	3860935.12	2.33E-03	2.38E-03	2.27E-03	8.07E-07	2.44E-06	1.41E-06	1.44E-06	1.31E-06	5.83E-07	5.69E-07	2.69E-08	6.51E-07	1.44E-07	1.96E-07	3.11E-07	5.35E-08	2.98E-07	1.68E-06
915	490436.72	3860935.12	2.38E-03	2.43E-03	2.32E-03	8.23E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	5.95E-07	5.80E-07	2.75E-08	6.64E-07	1.46E-07	2.00E-07	3.17E-07	5.46E-08	3.05E-07	1.71E-06
916	490486.72	3860935.12	2.42E-03	2.48E-03	2.36E-03	8.38E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.06E-07	5.91E-07	2.80E-08	6.76E-07	1.49E-07	2.03E-07	3.23E-07	5.56E-08	3.10E-07	1.74E-06
917	490536.72	3860935.12	2.46E-03	2.52E-03	2.40E-03	8.53E-07	2.58E-06	1.49E-06	1.53E-06	1.38E-06	6.17E-07	6.02E-07	2.85E-08	6.88E-07	1.52E-07	2.07E-07	3.29E-07	5.66E-08	3.16E-07	1.78E-06
918	490586.72	3860935.12	2.50E-03	2.56E-03	2.44E-03	8.67E-07	2.62E-06	1.52E-06	1.55E-06	1.41E-06	6.27E-07	6.11E-07	2.89E-08	6.99E-07	1.54E-07	2.11E-07	3.34E-07	5.75E-08	3.21E-07	1.81E-06
919	490636.72	3860935.12	2.54E-03	2.60E-03	2.48E-03	8.81E-07	2.66E-06	1.54E-06	1.58E-06	1.43E-06	6.37E-07	6.21E-07	2.94E-08	7.10E-07	1.57E-07	2.14E-07	3.39E-07	5.84E-08	3.26E-07	1.83E-06
920	490686.72	3860935.12	2.59E-03	2.65E-03	2.52E-03	8.96E-07	2.70E-06	1.57E-06	1.60E-06	1.45E-06	6.48E-07	6.32E-07	2.99E-08	7.22E-07	1.59E-07	2.18E-07	3.45E-07	5.94E-08	3.31E-07	1.87E-06
921	490736.72	3860935.12	2.63E-03	2.69E-03	2.57E-03	9.11E-07	2.75E-06	1.59E-06	1.63E-06	1.48E-06	6.59E-07	6.42E-07	3.04E-08	7.35E-07	1.62E-07	2.21E-07	3.51E-07	6.05E-08	3.37E-07	1.90E-06
922	490786.72	3860935.12	2.68E-03	2.74E-03	2.61E-03	9.28E-07	2.80E-06	1.62E-06	1.66E-06	1.50E-06	6.71E-07	6.54E-07	3.10E-08	7.48E-07	1.65E-07	2.25E-07	3.58E-07	6.16E-08	3.43E-07	1.93E-06
923	490836.72	3860935.12	2.74E-03	2.80E-03	2.67E-03	9.48E-07	2.86E-06	1.66E-06	1.70E-06	1.54E-06	6.86E-07	6.69E-07	3.17E-08	7.65E-07	1.69E-07	2.30E-07	3.66E-07	6.29E-08	3.51E-07	1.98E-06
924	490086.72	3860985.12	2.00E-03	2.05E-03	1.95E-03	6.93E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.01E-07	4.89E-07	2.31E-08	5.59E-07	1.23E-07	1.68E-07	2.67E-07	4.60E-08	2.56E-07	1.44E-06
925	490136.72	3860985.12	2.03E-03	2.08E-03	1.98E-03	7.04E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.96E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.47E-06
926	490186.72	3860985.12	2.07E-03	2.12E-03	2.02E-03	7.16E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.18E-07	5.05E-07	2.39E-08	5.78E-07	1.28E-07	1.74E-07	2.76E-07	4.75E-08	2.65E-07	1.49E-06
927	490236.72	3860985.12	2.10E-03	2.15E-03	2.05E-03	7.27E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.25E-07	5.12E-07	2.43E-08	5.86E-07	1.29E-07	1.77E-07	2.80E-07	4.82E-08	2.69E-07	1.51E-06
928	490286.72	3860985.12	2.13E-03	2.18E-03	2.08E-03	7.38E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.34E-07	5.21E-07	2.47E-08	5.95E-07	1.31E-07	1.79E-07	2.84E-07	4.90E-08	2.73E-07	1.54E-06
929	490336.72	3860985.12	2.17E-03	2.22E-03	2.11E-03	7.51E-07	2.27E-06	1.31E-06	1.34E-06	1.22E-06	5.43E-07	5.29E-07	2.51E-08	6.05E-07	1.34E-07	1.82E-07	2.89E-07	4.98E-08	2.78E-07	1.56E-06
930	490386.72	3860985.12	2.21E-03	2.26E-03	2.15E-03	7.64E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.52E-07	5.39E-07	2.55E-08	6.16E-07	1.36E-07	1.86E-07	2.94E-07	5.07E-08	2.83E-07	1.59E-06
931	490436.72	3860985.12	2.25E-03	2.31E-03	2.20E-03	7.80E-07	2.35E-06	1.36E-06	1.40E-06	1.26E-06	5.64E-07	5.50E-07	2.60E-08	6.29E-07	1.39E-07	1.89E-07	3.01E-07	5.17E-08	2.89E-07	1.62E-06
932	490486.72	3860985.12	2.29E-03	2.34E-03	2.23E-03	7.93E-07	2.39E-06	1.39E-06	1.42E-06	1.29E-06	5.73E-07	5.59E-07	2.65E-08	6.39E-07	1.41E-07	1.93E-07	3.05E-07	5.26E-08	2.93E-07	1.65E-06
933	490536.72	3860985.12	2.32E-03	2.38E-03	2.27E-03	8.04E-07	2.43E-06	1.41E-06	1.44E-06	1.30E-06	5.82E-07	5.67E-07	2.69E-08	6.49E-07	1.43E-07	1.95E-07	3.10E-07	5.34E-08	2.98E-07	1.68E-06
934	490586.72	3860985.12	2.36E-03	2.41E-03	2.30E-03	8.17E-07	2.47E-06	1.43E-06	1.46E-06	1.32E-06	5.90E-07	5.76E-07	2.73E-08	6.59E-07	1.45E-07	1.98E-07	3.15E-07	5.42E-08	3.02E-07	1.70E-06
935	490636.72	3860985.12	2.40E-03	2.46E-03	2.34E-03	8.30E-07	2.51E-06	1.45E-06	1.49E-06	1.35E-06	6.00E-07	5.85E-07	2.77E-08	6.70E-07	1.48E-07	2.02E-07	3.20E-07	5.51E-08	3.07E-07	1.73E-06
936	490686.72	3860985.12	2.43E-03	2.49E-03	2.37E-03	8.42E-07	2.54E-06	1.47E-06	1.51E-06	1.37E-06	6.09E-07	5.94E-07	2.81E-08	6.79E-07	1.50E-07	2.05E-07	3.25E-07	5.59E-08	3.12E-07	1.75E-06
937	490736.72	3860985.12	2.47E-03	2.53E-03	2.41E-03	8.54E-07	2.58E-06	1.49E-06	1.53E-06	1.38E-06	6.17E-07	6.02E-07	2.85E-08	6.89E-07	1.52E-07	2.07E-07	3.29E-07	5.67E-08	3.16E-07	1.78E-06
938	490786.72	3860985.12	2.51E-03	2.57E-03	2.44E-03	8.68E-07	2.62E-06	1.52E-06	1.55E-06	1.41E-06	6.27E-07	6.12E-07	2.90E-08	7.00E-07	1.54E-07	2.11E-07	3.34E-07	5.76E-08	3.21E-07	1.81E-06
939	490836.72	3860985.12	2.55E-03	2.61E-03	2.49E-03	8.84E-07	2.67E-06	1.54E-06	1.58E-06	1.43E-06	6.39E-07	6.23E-07	2.95E-08	7.13E-07	1.57E-07	2.15E-07	3.41E-07	5.86E-08	3.27E-07	1.84E-06
940	490086.72	3861035.12	1.91E-03	1.96E-03	1.86E-03	6.62E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.79E-07	4.67E-07	2.21E-08	5.34E-07	1.18E-07	1.61E-07	2.55E-07	4.39E-08	2.45E-07	1.38E-06
941	490136.72	3861035.12	1.94E-03	1.99E-03	1.89E-03	6.72E-07	2.03E-06	1.17E-06	1.20E-06	1.09E-06	4.86E-07	4.74E-07	2.24E-08	5.42E-07	1.20E-07	1.63E-07	2.59E-07	4.46E-08	2.49E-07	1.40E-06
942	490186.72	3861035.12	1.97E-03	2.02E-03	1.92E-03	6.82E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	4.93E-07	4.81E-07	2.28E-08	5.50E-07	1.21E-07	1.66E-07	2.63E-07	4.53E-08	2.52E-07	1.42E-06
943	490236.72	3861035.12	2.00E-03	2.05E-03	1.95E-03	6.93E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.01E-07	4.89E-07	2.31E-08	5.59E-07	1.23E-07	1.68E-07	2.67E-07	4.60E-08	2.57E-07	1.44E-06
944	490286.72	3861035.12	2.03E-03	2.08E-03	1.98E-03	7.02E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.08E-07	4.95E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.66E-08	2.60E-07	1.46E-06
945	490336.72	3861035.12	2.06E-03	2.11E-03	2.01E-03	7.12E-07	2.15E-06	1.25E-06	1.27E-06	1.16E-06	5.15E-07	5.02E-07	2.38E-08	5.75E-07	1.27E-07	1.73E-07	2.75E-07	4.73E-08	2.64E-07	1.48E-06
946	490386.72	3861035.12	2.10E-03	2.15E-03	2.05E-03	7.26E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.25E-07	5.12E-07	2.42E-08	5.86E-07	1.29E-07	1.76E-07	2.80E-07	4.82E-08	2.69E-07	1.51E-06
947	490436.72	3861035.12	2.14E-03	2.19E-03	2.08E-03	7.40E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.35E-07	5.22E-07	2.47E-08	5.97E-07	1.32E-07	1.80E-07	2.85E-07	4.91E-08	2.74E-07	1.54E-06
948	490486.72	3861035.12	2.17E-03	2.22E-03	2.12E-03	7.51E-07	2.27E-06	1.31E-06	1.34E-06	1.22E-06	5.43E-07	5.30E-07	2.51E-08	6.06E-07	1.34E-07	1.82E-07	2.89E-07	4.98E-08	2.78E-07	1.56E-06
949	490536.72	3861035.12	2.20E-03	2.25E-03	2.15E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.51E-07	5.37E-07	2.54E-08	6.14E-07	1.36E-07	1.85E-07	2.93E-07	5.05E-08	2.82E-07	1.59E-06
950	490586.72	3861035.12	2.23E-03	2.28E-03	2.17E-03	7.72E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.58E-07	5.44E-07	2.58E-08	6.22E-07	1.37E-07	1.87E-07	2.97E-07	5.12E-08	2.86E-07	1.61E-06
951	490636.72	3861035.12	2.26E-03	2.31E-03	2.20E-03	7.82E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.65E-07	5.51E-07	2.61E-08	6.30E-07	1.39E-07	1.90E-07	3.01E-07	5.19E-08	2.89E-07	1.63E-06
952	490686.72	3861035.12	2.29E-03	2.34E-03	2.23E-03	7.91E-07	2.39E-06	1.38E-06	1.42E-06	1.28E-06	5.72E-07	5.58E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.25E-08	2.93E-07	1.65E-06
953	490736.72	3861035.12	2.32E-03	2.37E-03	2.26E-03	8.02E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.80E-07	5.65E-07	2.68E-08	6.47E-07	1.43E-07	1.95E-07	3.09E-07	5.32E-08	2.97E-07	1.67E-06
954	490786.72	3861035.12	2.35E-03	2.41E-03	2.29E-03	8.13E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	5.88E-07	5.74E-07	2.72E-08	6.56E-07	1.45E-07	1.98E-07	3.13E-07	5.40E-08	3.01E-07	1.69E-06
955	490836.72	3861035.12	2.39E-03	2.44E-03	2.33E-03	8.26E-07	2.49E-06	1.44E-06	1.48E-06	1.34E-06	5.97E-07	5.82E-07	2.76E-08	6.66E-07	1.47E-07	2.01E-07	3.18E-07	5.48E-08	3.06E-07	1.72E-06
956	490086.72	3861085.12	1.83E-03	1.87E-03	1.78E-03	6.33E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.58E-07	4.46E-07	2.11E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.20E-08	2.34E-07	1.32E-06
957	490136.72	3861085.12	1.86E-03	1.90E-03	1.81E-03	6.44E-07	1.94E-06	1.13E-06	1.15E-06	1.04E-06	4.65E-07	4.54E-07	2.15E-08	5.19E-07	1.15E-07	1.56E-07	2.48E-07	4.27E-08	2.38E-07	1.34E-06
958	490186.72	3861085.12	1.89E-03	1.94E-03	1.85E-03	6.55E-07	1.98E-06	1.14E-06	1.17E-06	1.06E-06	4.73E-07	4.62E-07	2.19E-08	5.28E-07	1.17E-07	1.59E-07	2.52E-07	4.34E-08	2.42E-07	1.36E-06
959	490236.72	3861085.12	1.91E-03	1.96E-03	1.87E-03	6.62E-07	2.00E-06	1.16E-06	1.19E-06	1.07E-06	4.79E-07	4.67E-07	2.21E-08	5.34E-07	1.18E-07	1.61E-07	2.55E-07	4.40E-08	2.45E-07	1.38E-06
960	490286.72	3861085.12	1.94E-03	1.98E-03	1.89E-03	6.71E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.85E-07	4.73E-07	2.24E-08	5.41E-07	1.19E-07	1.63E-07	2.58E-07	4.45E-08	2.48E-07	1.40E-06
961	490336.72	3861085.12	1.96E-03	2.01E-03	1.91E-03	6.79E-07	2.05E-06	1.19E-06	1.21E-06	1.10E-06	4.91E-07	4.79E-07	2.27E-08	5.48E-07	1.21E-07	1.65E-07	2.62E-07	4.51E-08	2.51E-07	1.41E-06
962	490386.72	3861085.12	1.99E-03	2.04E-03	1.95E-03	6.90E-07	2.08E-06	1.21E-06	1.24E-06	1.12E-06	4.99E-07	4.87E-07	2.31E-08	5.57E-07	1.23E-07	1.68E-07	2.66E-07	4.58E-08	2.56E-07	1.44E-06
963	490436.72	3861085.12	2.02E-03	2.07E-03	1.97E-03	7.01E-07	2.12E-06	1.22E-06	1.25E-06	1.14E-06	5.07E-07	4.94E-07	2.34E-08	5.65E-07	1.25E-07	1.70E-07	2.70E-07	4.65E-08	2.59E-07	1.46E-06
964	490486.72	3861085.12	2.05E-03	2.10E-03	2.00E-03	7.11E-07	2.15E-06	1.24E-06	1.27E-06	1.15E-06	5.14E-07	5.01E-07	2.37E-08	5.73E-07	1.26E-07	1.73E-07	2.74E-07	4.72E-08	2.63E-07	1.48E-06
965	490536.72	3861085.12	2.09E-03	2.13E-03	2.03E-03	7.22E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.22E-07	5.09E-07	2.41E-08	5.82E-07	1.28E-07	1.75E-07	2.78E-07	4.79E-08	2.67E-07	1.50E-06
966	490586.72	3861085.12	2.11E-03	2.16E-03	2.06E-03	7.30E-07	2.20E-06	1.28E-06	1.31E-06	1.18E-06	5.28E-07	5.15E-07	2.44E-08	5.89E-07	1.30E-07	1.77E-07	2.81E-07	4.84E-08	2.70E-07	1.52E-06
967	490636.72	3861085.12	2.13E-03	2.18E-03	2.08E-03	7.37E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.33E-07	5.19E-07	2.46E-08	5.94E-07	1.31E-07	1.79E-07	2.84E-07	4.89E-08	2.73E-07	1.53E-06
968	490686.72	3861085.12	2.15E-03	2.20E-03	2.10E-03	7.45E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.38E-07	5.25E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	4.94E-08	2.76E-07	1.55E-06
969	490736.72	3861085.12	2.18E-03	2.23E-03	2.12E-03	7.54E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.45E-07	5.32E-07	2.52E-08	6.08E-07	1.34E-07	1.83E-07	2.91E-07	5.00E-08	2.79E-07	1.57E-06
970	490786.72	3861085.12	2.21E-03	2.26E-03	2.15E-03	7.63E-07	2.31E-06	1.33E-06	1.37E-06	1.24E-06	5.52E-07	5.38E-07	2.55E-08	6.16E-07	1.36E-07	1.85E-07	2.94E-07	5.07E-08	2.83E-07	1.59E-06
971	490836.72	3861085.12	2.23E-03	2.29E-03	2.18E-03	7.73E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.59E-07	5.45E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.13E-08	2.86E-07	1.61E-06
972	490086.72	3861135.12	1.75E-03	1.79E-03	1.71E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.82E-07	4.38E-07	4.27E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.02E-08	2.24E-07	1.26E-06
973	490136.72	3861135.12	1.78E-03	1.82E-03	1.73E-03	6.15E-07	1.86E-06	1.07E-06	1.10E-06	9.97E-07	4.44E-07	4.33E-07	2.05E-08	4.96E-07	1.09E-07	1.49E-07	2.37E-07	4.08E-08	2.27E-07	1.28E-06
974	490186.72	3861135.12	1.80E-03	1.85E-03	1.76E-03	6.24E-07	1.88E-06	1.09E-06	1.12E-06	1.01E-06	4.51E-07	4.40E-07	2.08E-08	5.03E-07	1.11E-07	1.52E-07	2.40E-07	4.14E-08	2.31E-07	1.30E-06
975	490236.72	3861135.12	1.83E-03	1.87E-03	1.78E-03	6.33E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.58E-07	4.46E-07	2.11E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.20E-08	2.34E-07	1.32E-06
976	490286.72	3861135.12	1.85E-03	1.90E-03	1.81E-03	6.41E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.63E-07	4.52E-07	2.14E-08	5.17E-07	1.14E-07	1.56E-07	2.47E-07	4.25E-08	2.37E-07	1.33E-06
977	490336.72	3861135.12	1.87E-03	1.92E-03	1.83E-03	6.48E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.57E-07	2.16E-08	5.23E-07	1.15E-07	1.57E-07	2.50E-07	4.30E-08	2.40E-07	1.35E-06
978	490386.72	3861135.12	1.90E-03	1.94E-03	1.85E-03	6.57E-07	1.98E-06	1.15E-06	1.18E-06	1.07E-06	4.75E-07	4.63E-07	2.19E-08	5.30E-07	1.17E-07	1.60E-07	2.53E-07	4.36E-08	2.43E-07	1.37E-06
979	490436.72	3861135.12	1.92E-03	1.97E-03	1.87E-03	6.65E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.81E-07	4.69E-07	2.22E-08	5.37E-07	1.18E-07	1.62E-07	2.56E-07	4.41E-08	2.46E-07	1.39E-06
980	490486.72	3861135.12	1.95E-03	1.99E-03	1.90E-03	6.74E-07	2.04E-06	1.18E-06	1.21E-06	1.09E-06	4.87E-07	4.75E-07	2.25E-08	5.44E-07	1.20E-07	1.64E-07	2.60E-07	4.47E-08	2.49E-07	1.40E-06
981	490536.72	3861135.12	1.97E-03	2.02E-03	1.92E-03	6.83E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	4.94E-07	4.81E-07	2.28E-08	5.51E-07	1.22E-07	1.66E-07	2.63E-07	4.53E-08	2.53E-07	1.42E-06
982	490586.72	3861135.12	1.99E-03	2.04E-03	1.94E-03	6.90E-07	2.08E-06	1.21E-06	1.23E-06	1.12E-06	4.99E-07	4.87E-07	2.30E-08	5.57E-07	1.23E-07	1.68E-07	2.66E-07	4.58E-08	2.55E-07	1.44E-06
983	490636.72	3861135.12	2.01E-03	2.06E-03	1.96E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.03E-07	4.91E-07	2.32E-08	5.61E-07	1.24E-07	1.69E-07	2.68E-07	4.62E-08	2.58E-07	1.45E-06
984	490686.72	3861135.12	2.03E-03	2.08E-03	1.98E-03	7.03E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.96E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.47E-06
985	490736.72	3861135.12	2.06E-03	2.10E-03	2.01E-03	7.12E-07	2.15E-06	1.24E-06	1.27E-06	1.15E-06	5.15E-07	5.02E-07	2.38E-08	5.74E-07	1.27E-07	1.73E-07	2.74E-07	4.72E-08	2.63E-07	1.48E-06
986	490786.72	3861135.12	2.08E-03	2.13E-03	2.03E-03	7.20E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.20E-07	5.07E-07	2.40E-08	5.81E-07	1.28E-07	1.75E-07	2.77E-07	4.78E-08	2.66E-07	1.50E-06
987	490836.72	3861135.12	2.10E-03	2.15E-03	2.05E-03	7.28E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.26E-07	5.13E-07	2.43E-08	5.87E-07	1.29E-07	1.77E-07	2.80E-07	4.83E-08	2.69E-07	1.52E-06
988	490086.72	3861185.12	1.67E-03	1.71E-03	1.63E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.40E-07	4.19E-07	4.09E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.23E-07	3.85E-08	2.15E-07	1.21E-06
989	490136.72	3861185.12	1.69E-03	1.73E-03	1.65E-03	5.86E-07	1.77E-06	1.02E-06	1.05E-06	9.50E-07	4.24E-07	4.13E-07	1.96E-08	4.73E-07	1.04E-07	1.42E-07	2.26E-07	3.89E-08	2.17E-07	1.22E-06
990	490186.72	3861185.12	1.71E-03	1.76E-03	1.67E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.63E-07	4.29E-07	4.19E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	3.94E-08	2.20E-07	1.24E-06
991	490236.72	3861185.12	1.74E-03	1.78E-03	1.70E-03	6.02E-07	1.82E-06	1.05E-06	1.08E-06	9.76E-07	4.35E-07	4.24E-07	2.01E-08	4.85E-07	1.07E-07	1.46E-07	2.32E-07	3.99E-08	2.23E-07	1.25E-06
992	490286.72	3861185.12	1.76E-03	1.81E-03	1.72E-03	6.11E-07	1.84E-06	1.07E-06	1.09E-06	9.91E-07	4.42E-07	4.31E-07	2.04E-08	4.93E-07	1.09E-07	1.48E-07	2.35E-07	4.05E-08	2.26E-07	1.27E-06
993	490336.72	3861185.12	1.78E-03	1.82E-03	1.73E-03	6.15E-07	1.86E-06	1.08E-06	1.10E-06	9.98E-07	4.45E-07	4.34E-07	2.05E-08	4.96E-07	1.10E-07	1.49E-07	2.37E-07	4.08E-08	2.28E-07	1.28E-06
994	490386.72	3861185.12	1.80E-03	1.84E-03	1.76E-03	6.23E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.51E-07	4.39E-07	2.08E-08	5.03E-07	1.11E-07	1.51E-07	2.40E-07	4.13E-08	2.31E-07	1.30E-06
995	490436.72	3861185.12	1.83E-03	1.87E-03	1.78E-03	6.32E-07	1.91E-06	1.10E-06	1.13E-06	1.03E-06	4.57E-07	4.46E-07	2.11E-08	5.10E-07	1.13E-07	1.54E-07	2.44E-07	4.19E-08	2.34E-07	1.32E-06
996	490486.72	3861185.12	1.85E-03	1.89E-03	1.80E-03	6.39E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.62E-07	4.51E-07	2.13E-08	5.16E-07	1.14E-07	1.55E-07	2.46E-07	4.24E-08	2.37E-07	1.33E-06
997	490536.72	3861185.12	1.88E-03	1.92E-03	1.83E-03	6.49E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.58E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.50E-07	4.31E-08	2.40E-07	1.35E-06
998	490586.72	3861185.12	1.89E-03	1.94E-03	1.85E-03	6.55E-07	1.98E-06	1.14E-06	1.17E-06	1.06E-06	4.74E-07	4.62E-07	2.19E-08	5.28E-07	1.17E-07	1.59E-07	2.52E-07	4.35E-08	2.42E-07	1.36E-06
999	490636.72	3861185.12	1.90E-03	1.95E-03	1.85E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.76E-07	4.64E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.37E-08	2.44E-07	1.37E-06
1000	490686.72	3861185.12	1.92E-03	1.97E-03	1.87E-03	6.65E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.81E-07	4.69E-07	2.22E-08	5.36E-07	1.18E-07	1.61E-07	2.56E-07	4.41E-08	2.46E-07	1.38E-06
1001	490736.72	3861185.12	1.95E-03	1.99E-03	1.90E-03	6.73E-07	2.03E-06	1.18E-06	1.20E-06	1.09E-06	4.87E-07	4.75E-07	2.25E-08	5.43E-07	1.20E-07	1.64E-07	2.59E-07	4.47E-08	2.49E-07	1.40E-06
1002	490786.72	3861185.12	1.97E-03	2.01E-03	1.92E-03	6.81E-07	2.06E-06	1.19E-06	1.22E-06	1.10E-06	4.92E-07	4.80E-07	2.27E-08	5.49E-07	1.21E-07	1.65E-07	2.62E-07	4.52E-08	2.52E-07	1.42E-06
1003	490836.72	3861185.12	1.99E-03	2.04E-03	1.94E-03	6.88E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	4.98E-07	4.85E-07	2.30E-08	5.55E-07	1.23E-07	1.67E-07	2.65E-07	4.57E-08	2.55E-07	1.43E-06

1004	490086.72	3861235.12	1.60E-03	1.64E-03	1.56E-03	5.55E-07	1.68E-06	9.70E-07	9.93E-07	9.00E-07	4.01E-07	3.91E-07	1.85E-08	4.48E-07	9.88E-08	1.35E-07	2.14E-07	3.68E-08	2.05E-07	1.16E-06
1005	490136.72	3861235.12	1.62E-03	1.66E-03	1.58E-03	5.61E-07	1.69E-06	9.80E-07	1.00E-06	9.09E-07	4.05E-07	3.95E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.72E-08	2.07E-07	1.17E-06
1006	490186.72	3861235.12	1.64E-03	1.68E-03	1.60E-03	5.68E-07	1.71E-06	9.92E-07	1.02E-06	9.20E-07	4.10E-07	4.00E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.10E-07	1.18E-06
1007	490236.72	3861235.12	1.66E-03	1.69E-03	1.61E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.29E-07	4.14E-07	4.04E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.80E-08	2.12E-07	1.19E-06
1008	490386.72	3861235.12	1.71E-03	1.75E-03	1.67E-03	5.92E-07	1.79E-06	1.03E-06	1.06E-06	9.59E-07	4.28E-07	4.17E-07	1.98E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	3.93E-08	2.19E-07	1.23E-06
1009	490436.72	3861235.12	1.73E-03	1.77E-03	1.68E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.69E-07	4.32E-07	4.21E-07	2.00E-08	4.82E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
1010	490486.72	3861235.12	1.74E-03	1.79E-03	1.70E-03	6.04E-07	1.82E-06	1.06E-06	1.08E-06	9.79E-07	4.37E-07	4.26E-07	2.02E-08	4.87E-07	1.07E-07	1.47E-07	2.33E-07	4.01E-08	2.23E-07	1.26E-06
1011	490536.72	3861235.12	1.78E-03	1.82E-03	1.73E-03	6.15E-07	1.86E-06	1.07E-06	1.10E-06	9.97E-07	4.45E-07	4.34E-07	2.05E-08	4.96E-07	1.09E-07	1.49E-07	2.37E-07	4.08E-08	2.28E-07	1.28E-06
1012	490586.72	3861235.12	1.80E-03	1.84E-03	1.76E-03	6.24E-07	1.88E-06	1.09E-06	1.12E-06	1.01E-06	4.51E-07	4.40E-07	2.08E-08	5.03E-07	1.11E-07	1.52E-07	2.40E-07	4.14E-08	2.31E-07	1.30E-06
1013	490636.72	3861235.12	1.80E-03	1.85E-03	1.76E-03	6.24E-07	1.88E-06	1.09E-06	1.12E-06	1.01E-06	4.51E-07	4.40E-07	2.08E-08	5.03E-07	1.11E-07	1.52E-07	2.40E-07	4.14E-08	2.31E-07	1.30E-06
1014	490686.72	3861235.12	1.82E-03	1.86E-03	1.78E-03	6.30E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.56E-07	4.44E-07	2.10E-08	5.08E-07	1.12E-07	1.53E-07	2.43E-07	4.18E-08	2.33E-07	1.31E-06
1015	490736.72	3861235.12	1.84E-03	1.89E-03	1.80E-03	6.38E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.62E-07	4.50E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.24E-08	2.36E-07	1.33E-06
1016	490786.72	3861235.12	1.87E-03	1.91E-03	1.82E-03	6.47E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.68E-07	4.56E-07	2.16E-08	5.22E-07	1.15E-07	1.57E-07	2.49E-07	4.29E-08	2.39E-07	1.35E-06
1017	490836.72	3861235.12	1.89E-03	1.93E-03	1.84E-03	6.53E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.72E-07	4.61E-07	2.18E-08	5.27E-07	1.16E-07	1.59E-07	2.52E-07	4.34E-08	2.42E-07	1.36E-06
1018	490086.72	3861285.12	1.54E-03	1.58E-03	1.50E-03	5.33E-07	1.61E-06	9.32E-07	9.54E-07	8.65E-07	3.86E-07	3.76E-07	1.78E-08	4.30E-07	9.49E-08	1.30E-07	2.05E-07	3.54E-08	1.97E-07	1.11E-06
1019	490136.72	3861285.12	1.56E-03	1.60E-03	1.52E-03	5.40E-07	1.63E-06	9.44E-07	9.66E-07	8.76E-07	3.90E-07	3.81E-07	1.80E-08	4.36E-07	9.61E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
1020	490186.72	3861285.12	1.57E-03	1.61E-03	1.53E-03	5.44E-07	1.64E-06	9.50E-07	9.73E-07	8.82E-07	3.93E-07	3.83E-07	1.82E-08	4.39E-07	9.68E-08	1.32E-07	2.10E-07	3.61E-08	2.01E-07	1.13E-06
1021	490236.72	3861285.12	1.58E-03	1.62E-03	1.55E-03	5.49E-07	1.66E-06	9.59E-07	9.81E-07	8.90E-07	3.97E-07	3.87E-07	1.83E-08	4.42E-07	9.76E-08	1.33E-07	2.11E-07	3.64E-08	2.03E-07	1.14E-06
1022	490386.72	3861285.12	1.63E-03	1.67E-03	1.59E-03	5.64E-07	1.70E-06	9.86E-07	1.01E-06	9.15E-07	4.08E-07	3.98E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.74E-08	2.09E-07	1.17E-06
1023	490436.72	3861285.12	1.65E-03	1.69E-03	1.61E-03	5.70E-07	1.72E-06	9.97E-07	1.02E-06	9.25E-07	4.12E-07	4.02E-07	1.90E-08	4.60E-07	1.02E-07	1.39E-07	2.20E-07	3.78E-08	2.11E-07	1.19E-06
1024	490486.72	3861285.12	1.66E-03	1.70E-03	1.62E-03	5.75E-07	1.74E-06	1.01E-06	1.03E-06	9.33E-07	4.16E-07	4.06E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.82E-08	2.13E-07	1.20E-06
1025	490536.72	3861285.12	1.68E-03	1.72E-03	1.64E-03	5.82E-07	1.76E-06	1.02E-06	1.04E-06	9.43E-07	4.20E-07	4.10E-07	1.94E-08	4.69E-07	1.04E-07	1.41E-07	2.24E-07	3.86E-08	2.15E-07	1.21E-06
1026	490586.72	3861285.12	1.70E-03	1.74E-03	1.66E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.55E-07	4.26E-07	4.15E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	3.91E-08	2.18E-07	1.23E-06
1027	490636.72	3861285.12	1.71E-03	1.75E-03	1.67E-03	5.92E-07	1.79E-06	1.03E-06	1.06E-06	9.60E-07	4.28E-07	4.17E-07	1.98E-08	4.78E-07	1.05E-07	1.44E-07	2.28E-07	3.93E-08	2.19E-07	1.23E-06
1028	490686.72	3861285.12	1.73E-03	1.77E-03	1.69E-03	5.98E-07	1.81E-06	1.05E-06	1.07E-06	9.70E-07	4.33E-07	4.22E-07	2.00E-08	4.83E-07	1.06E-07	1.45E-07	2.31E-07	3.97E-08	2.21E-07	1.25E-06
1029	490736.72	3861285.12	1.76E-03	1.80E-03	1.71E-03	6.08E-07	1.84E-06	1.06E-06	1.09E-06	9.86E-07	4.39E-07	4.29E-07	2.03E-08	4.90E-07	1.08E-07	1.48E-07	2.34E-07	4.03E-08	2.25E-07	1.27E-06
1030	490786.72	3861285.12	1.77E-03	1.82E-03	1.73E-03	6.14E-07	1.85E-06	1.07E-06	1.10E-06	9.96E-07	4.44E-07	4.33E-07	2.05E-08	4.95E-07	1.09E-07	1.49E-07	2.37E-07	4.07E-08	2.27E-07	1.28E-06
1031	490836.72	3861285.12	1.79E-03	1.83E-03	1.74E-03	6.19E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.47E-07	4.36E-07	2.07E-08	4.99E-07	1.10E-07	1.50E-07	2.38E-07	4.10E-08	2.29E-07	1.29E-06
1032	490061.24	3859716.13	1.87E-02	1.91E-02	1.82E-02	6.47E-06	1.95E-05	1.13E-05	1.16E-05	1.05E-05	4.68E-06	4.56E-06	2.16E-07	5.22E-06	1.15E-06	1.57E-06	2.49E-06	4.30E-07	2.40E-06	1.35E-05
1033	490111.24	3859716.13	2.14E-02	2.19E-02	2.08E-02	7.40E-06	2.23E-05	1.29E-05	1.32E-05	1.20E-05	5.35E-06	5.22E-06	2.47E-07	5.97E-06	1.32E-06	1.80E-06	2.85E-06	4.91E-07	2.74E-06	1.54E-05
1034	490161.24	3859716.13	2.48E-02	2.53E-02	2.41E-02	8.57E-06	2.59E-05	1.50E-05	1.53E-05	1.39E-05	6.19E-06	6.04E-06	2.86E-07	6.91E-06	1.53E-06	2.08E-06	3.30E-06	5.69E-07	3.17E-06	1.78E-05
1035	490211.24	3859716.13	2.91E-02	2.98E-02	2.84E-02	1.01E-05	3.04E-05	1.76E-05	1.80E-05	1.63E-05	7.28E-06	7.10E-06	3.36E-07	8.13E-06	1.79E-06	2.45E-06	3.88E-06	6.68E-07	3.73E-06	2.10E-05
1036	490061.24	3859766.13	1.47E-02	1.51E-02	1.44E-02	5.10E-06	1.54E-05	8.92E-06	9.13E-06	8.28E-06	3.69E-06	3.60E-06	1.70E-07	4.12E-06	9.08E-07	1.24E-06	1.97E-06	3.39E-07	1.89E-06	1.06E-05
1037	490111.24	3859766.13	1.62E-02	1.66E-02	1.58E-02	5.62E-06	1.70E-05	9.83E-06	1.01E-05	9.12E-06	4.07E-06	3.96E-06	1.88E-07	4.54E-06	1.00E-06	1.37E-06	2.17E-06	3.73E-07	2.08E-06	1.17E-05
1038	490161.24	3859766.13	1.80E-02	1.84E-02	1.75E-02	6.23E-06	1.88E-05	1.09E-05	1.11E-05	1.01E-05	4.50E-06	4.39E-06	2.08E-07	5.02E-06	1.11E-06	1.51E-06	2.40E-06	4.13E-07	2.30E-06	1.30E-05
1039	490211.24	3859766.13	2.02E-02	2.06E-02	1.97E-02	6.98E-06	2.11E-05	1.22E-05	1.25E-05	1.13E-05	5.05E-06	4.92E-06	2.33E-07	5.63E-06	1.24E-06	1.70E-06	2.69E-06	4.63E-07	2.58E-06	1.45E-05
1040	490061.24	3859816.13	1.21E-02	1.24E-02	1.18E-02	4.20E-06	1.27E-05	7.35E-06	7.52E-06	6.82E-06	3.04E-06	2.96E-06	1.40E-07	3.39E-06	7.48E-07	1.02E-06	1.62E-06	2.79E-07	1.56E-06	8.75E-06
1041	490111.24	3859816.13	1.31E-02	1.34E-02	1.28E-02	4.53E-06	1.37E-05	7.93E-06	8.11E-06	7.36E-06	3.28E-06	3.20E-06	1.51E-07	3.66E-06	8.07E-07	1.10E-06	1.75E-06	3.01E-07	1.68E-06	9.44E-06
1042	490161.24	3859816.13	1.42E-02	1.46E-02	1.39E-02	4.92E-06	1.49E-05	8.60E-06	8.81E-06	7.98E-06	3.56E-06	3.47E-06	1.64E-07	3.97E-06	8.76E-07	1.20E-06	1.90E-06	3.27E-07	1.82E-06	1.03E-05
1043	490211.24	3859816.13	1.55E-02	1.59E-02	1.51E-02	5.36E-06	1.62E-05	9.38E-06	9.60E-06	8.70E-06	3.88E-06	3.78E-06	1.79E-07	4.33E-06	9.55E-07	1.30E-06	2.07E-06	3.56E-07	1.99E-06	1.12E-05
1044	490061.24	3859866.13	1.03E-02	1.05E-02	1.01E-02	3.57E-06	1.08E-05	6.24E-06	6.38E-06	5.79E-06	2.58E-06	2.52E-06	1.19E-07	2.88E-06	6.35E-07	8.67E-07	1.37E-06	2.37E-07	1.32E-06	7.43E-06
1045	490111.24	3859866.13	1.10E-02	1.13E-02	1.07E-02	3.81E-06	1.15E-05	6.66E-06	6.82E-06	6.18E-06	2.75E-06	2.69E-06	1.27E-07	3.07E-06	6.78E-07	9.25E-07	1.47E-06	2.53E-07	1.41E-06	7.93E-06
1046	490161.24	3859866.13	1.18E-02	1.21E-02	1.15E-02	4.08E-06	1.23E-05	7.14E-06	7.31E-06	6.62E-06	2.95E-06	2.88E-06	1.36E-07	3.29E-06	7.27E-07	9.92E-07	1.57E-06	2.71E-07	1.51E-06	8.51E-06
1047	490211.24	3859866.13	1.27E-02	1.30E-02	1.24E-02	4.39E-06	1.33E-05	7.68E-06	7.86E-06	7.12E-06	3.17E-06	3.10E-06	1.47E-07	3.54E-06	7.82E-07	1.07E-06	1.69E-06	2.91E-07	1.62E-06	9.15E-06
1048	490061.24	3859916.13	8.93E-03	9.14E-03	8.71E-03	3.09E-06	9.33E-06	5.40E-06	5.53E-06	5.01E-06	2.23E-06	2.18E-06	1.03E-07	2.49E-06	5.50E-07	7.51E-07	1.19E-06	2.05E-07	1.14E-06	6.44E-06
1049	490111.24	3859916.13	9.48E-03	9.70E-03	9.24E-03	3.28E-06	9.91E-06	5.73E-06	5.87E-06	5.32E-06	2.37E-06	2.31E-06	1.10E-07	2.65E-06	5.84E-07	7.97E-07	1.26E-06	2.18E-07	1.21E-06	6.83E-06
1050	490161.24	3859916.13	1.01E-02	1.03E-02	9.81E-03	3.48E-06	1.05E-05	6.09E-06	6.23E-06	5.65E-06	2.52E-06	2.46E-06	1.16E-07	2.81E-06	6.20E-07	8.46E-07	1.34E-06	2.31E-07	1.29E-06	7.25E-06
1051	490211.24	3859916.13	1.07E-02	1.09E-02	1.04E-02	3.70E-06	1.12E-05	6.47E-06	6.62E-06	6.00E-06	2.67E-06	2.61E-06	1.24E-07	2.98E-06	6.58E-07	8.99E-07	1.43E-06	2.45E-07	1.37E-06	7.70E-06
1052	490229.25	3859815.26	1.61E-02	1.65E-02	1.57E-02	5.59E-06	1.69E-05	9.77E-06	1.00E-05	9.06E-06	4.04E-06	3.94E-06	1.87E-07	4.51E-06	9.94E-07	1.36E-06	2.15E-06	3.71E-07	2.07E-06	1.16E-05
1053	490279.25	3859815.26	1.77E-02	1.81E-02	1.73E-02	6.13E-06	1.85E-05	1.07E-05	1.10E-05	9.94E-06	4.43E-06	4.32E-06	2.05E-07	4.95E-06	1.09E-06	1.49E-06	2.36E-06	4.07E-07	2.27E-06	1.28E-05
1054	490329.25	3859815.26	1.96E-02	2.01E-02	1.91E-02	6.78E-06	2.05E-05	1.19E-05	1.21E-05	1.10E-05	4.90E-06	4.78E-06	2.27E-07	5.47E-06	1.21E-06	1.65E-06	2.61E-06	4.50E-07	2.51E-06	1.41E-05
1055	490379.25	3859815.26	2.23E-02	2.28E-02	2.17E-02	7.72E-06	2.33E-05	1.35E-05	1.38E-05	1.25E-05	5.58E-06	5.44E-06	2.58E-07	6.22E-06	1.37E-06	1.87E-06	2.97E-06	5.12E-07	2.86E-06	1.61E-05
1056	490429.25	3859815.26	2.62E-02	2.68E-02	2.55E-02	9.06E-06	2.73E-05	1.58E-05	1.62E-05	1.47E-05	6.55E-06	6.39E-06	3.02E-07	7.30E-06	1.61E-06	2.20E-06	3.49E-06	6.01E-07	3.35E-06	1.89E-05
1057	490229.25	3859865.26	1.31E-02	1.34E-02	1.27E-02	4.53E-06	1.37E-05	7.91E-06	8.10E-06	7.34E-06	3.27E-06	3.19E-06	1.51E-07	3.65E-06	8.05E-07	1.10E-06	1.74E-06	3.00E-07	1.67E-06	9.42E-06
1058	490279.25	3859865.26	1.41E-02	1.44E-02	1.37E-02	4.87E-06	1.47E-05	8.52E-06	8.72E-06	7.90E-06	3.52E-06	3.44E-06	1.63E-07	3.93E-06	8.68E-07	1.18E-06	1.88E-06	3.23E-07	1.80E-06	1.02E-05
1059	490329.25	3859865.26	1.52E-02	1.56E-02	1.48E-02	5.27E-06	1.59E-05	9.21E-06	9.43E-06	8.55E-06	3.81E-06	3.72E-06	1.76E-07	4.25E-06	9.38E-07	1.28E-06	2.03E-06	3.50E-07	1.95E-06	1.10E-05
1060	490379.25	3859865.26	1.67E-02	1.71E-02	1.63E-02	5.77E-06	1.74E-05	1.01E-05	1.03E-05	9.36E-06	4.17E-06	4.07E-06	1.93E-07	4.65E-06	1.03E-06	1.40E-06	2.22E-06	3.83E-07	2.14E-06	1.20E-05
1061	490429.25	3859865.26	1.85E-02	1.89E-02	1.80E-02	6.40E-06	1.93E-05	1.12E-05	1.15E-05	1.04E-05	4.63E-06	4.51E-06	2.14E-07	5.16E-06	1.14E-06	1.56E-06	2.47E-06	4.25E-07	2.37E-06	1.33E-05
1062	490229.25	3859915.26	1.10E-02	1.12E-02	1.07E-02	3.80E-06	1.15E-05	6.64E-06	6.80E-06	6.16E-06	2.75E-06	2.68E-06	1.27E-07	3.06E-06	6.76E-07	9.23E-07	1.46E-06	2.52E-07	1.41E-06	7.91E-06
1063	490279.25	3859915.26	1.17E-02	1.19E-02	1.14E-02	4.03E-06	1.22E-05	7.05E-06	7.22E-06	6.54E-06	2.92E-06	2.84E-06	1.35E-07	3.25E-06	7.18E-07	9.80E-07	1.55E-06	2.68E-07	1.49E-06	8.40E-06
1064	490329.25	3859915.26	1.24E-02	1.27E-02	1.21E-02	4.31E-06	1.30E-05	7.53E-06	7.71E-06	6.99E-06	3.12E-06	3.04E-06	1.44E-07	3.48E-06	7.67E-07	1.05E-06	1.66E-06	2.86E-07	1.59E-06	8.97E-06
1065	490379.25	3859915.26	1.34E-02	1.37E-02	1.30E-02	4.63E-06	1.40E-05	8.10E-06	8.29E-06	7.51E-06	3.35E-06	3.27E-06	1.55E-07	3.74E-06	8.24E-07	1.13E-06	1.78E-06	3.07E-07	1.71E-06	9.65E-06
1066	490429.25	3859915.26	1.44E-02	1.48E-02	1.41E-02	5.00E-06	1.51E-05	8.74E-06	8.94E-06	8.11E-06	3.61E-06	3.52E-06	1.67E-07	4.03E-06	8.90E-07	1.21E-06	1.93E-06	3.32E-07	1.85E-06	1.04E-05
1067	490451.43	3859872.59	1.86E-02	1.90E-02	1.81E-02	6.43E-06	1.94E-05	1.12E-05	1.15E-05	1.04E-05	4.65E-06	4.54E-06	2.15E-07	5.19E-06	1.14E-06	1.56E-06	2.48E-06	4.27E-07	2.38E-06	1.34E-05
1068	490501.43	3859872.59	2.11E-02	2.16E-02	2.06E-02	7.30E-06	2.21E-05	1.28E-05	1.31E-05	1.18E-05	5.28E-06	5.15E-06	2.44E-07	5.89E-06	1.30E-06	1.77E-06	2.81E-06	4.85E-07	2.70E-06	1.52E-05
1069	490551.43	3859872.59	2.48E-02	2.54E-02	2.42E-02	8.58E-06	2.59E-05	1.50E-05	1.54E-05	1.39E-05	6.20E-06	6.05E-06	2.87E-07	6.92E-06	1.53E-06	2.08E-06	3.31E-06	5.69E-07	3.18E-06	1.79E-05
1070	490601.43	3859872.59	2.98E-02	3.05E-02	2.91E-02	1.03E-05	3.12E-05	1.80E-05	1.85E-05	1.67E-05	7.46E-06	7.28E-06	3.45E-07	8.33E-06	1.84E-06	2.51E-06	3.98E-06	6.85E-07	3.82E-06	2.15E-05
1071	490451.43	3859922.59	1.45E-02	1.48E-02	1.41E-02	5.02E-06	1.52E-05	8.78E-06	8.98E-06	8.14E-06	3.63E-06	3.54E-06	1.68E-07	4.05E-06	8.94E-07	1.22E-06	1.94E-06	3.33E-07	1.86E-06	1.05E-05
1072	490501.43	3859922.59	1.59E-02	1.63E-02	1.55E-02	5.50E-06	1.66E-05	9.61E-06	9.84E-06	8.92E-06	3.98E-06	3.88E-06	1.84E-07	4.44E-06	9.79E-07	1.34E-06	2.12E-06	3.65E-07	2.04E-06	1.15E-05
1073	490551.43	3859922.59	1.78E-02	1.82E-02	1.74E-02	6.16E-06	1.86E-05	1.08E-05	1.10E-05	1.00E-05	4.46E-06	4.35E-06	2.06E-07	4.97E-06	1.10E-06	1.50E-06	2.37E-06	4.09E-07	2.28E-06	1.28E-05
1074	490601.43	3859922.59	2.03E-02	2.08E-02	1.98E-02	7.04E-06	2.13E-05	1.23E-05	1.26E-05	1.14E-05	5.09E-06	4.96E-06	2.35E-07	5.68E-06	1.25E-06	1.71E-06	2.71E-06	4.67E-07	2.61E-06	1.47E-05
1075	482129.67	3852241.07	3.06E-02	3.13E-02	2.98E-02	1.06E-05	3.20E-05	1.85E-05	1.89E-05	1.72E-05	7.65E-06	7.46E-06	3.53E-07	8.54E-06	1.88E-06	2.57E-06	4.08E-06	7.02E-07	3.92E-06	2.20E-05
1076	482029.67	3852291.07	4.98E-02	5.09E-02	4.85E-02	1.72E-05	5.20E-05	3.01E-05	3.08E-05	2.79E-05	1.25E-05	1.21E-05	5.75E-07	1.39E-05	3.07E-06	4.18E-06	6.64E-06	1.14E-06	6.37E-06	3.59E-05
1077	482079.67	3852291.07	4.09E-02	4.19E-02	3.99E-02	1.42E-05	4.28E-05	2.48E-05	2.53E-05	2.30E-05	1.02E-05	9.99E-06	4.73E-07	1.14E-05	2.52E-06	3.44E-06	5.46E-06	9.40E-07	5.24E-06	2.95E-05
1078	482129.67	3852291.07	3.47E-02	3.56E-02	3.39E-02	1.20E-05	3.63E-05	2.10E-05	2.15E-05	1.95E-05	8.70E-06	8.48E-06	4.02E-07	9.70E-06	2.14E-06	2.92E-06	4.63E-06	7.98E-07	4.45E-06	2.50E-05
1079	482179.67	3852291.07	2.99E-02	3.06E-02	2.92E-02	1.04E-05	3.13E-05	1.81E-05	1.85E-05	1.68E-05	7.49E-06	7.31E-06	3.46E-07	8.36E-06	1.84E-06	2.52E-06	3.99E-06	6.88E-07	3.84E-06	2.16E-05
1080	482229.67	3852291.07	2.57E-02	2.64E-02	2.51E-02	8.91E-06	2.69E-05	1.56E-05	1.59E-05	1.45E-05	6.44E-06	6.28E-06	2.98E-07	7.19E-06	1.59E-06	2.16E-06	3.43E-06	5.91E-07	3.30E-06	1.86E-05
1081	482029.67	3852341.07	6.26E-02	6.41E-02	6.10E-02	2.17E-05	6.54E-05	3.79E-05	3.88E-05	3.51E-05	1.57E-05	1.53E-05	7.23E-07	1.75E-05	3.86E-06	5.26E-06	8.35E-06	1.44E-06	8.02E-06	4.51E-05
1082	482079.67	3852341.07	4.93E-02	5.04E-02	4.81E-02	1.71E-05	5.15E-05	2.98E-05	3.05E-05	2.77E-05	1.23E-05	1.20E-05	5.70E-07	1.38E-05	3.04E-06	4.14E-06	6.57E-06	1.13E-06	6.31E-06	3.55E-05
1083	482129.67	3852341.07	4.05E-02	4.15E-02	3.95E-02	1.40E-05	4.24E-05	2.45E-05	2.51E-05	2.28E-05	1.01E-05	9.90E-06	4.69E-07	1.13E-05	2.50E-06	3.41E-06	5.41E-06	9.31E-07	5.19E-06	2.92E-05
1084	482179.67	3852341.07	3.44E-02	3.52E-02	3.35E-02	1.19E-05	3.59E-05	2.08E-05	2.13E-05	1.93E-05	8.60E-06	8.39E-06	3.97E-07	9.59E-06	2.12E-06	2.89E-06	4.58E-06	7.89E-07	4.40E-06	2.48E-05
1085	482259.06	3852400.14	3.25E-02	3.33E-02	3.17E-02	1.13E-05	3.40E-05	1.97E-05	2.01E-05	1.83E-05	8.14E-06	7.94E-06	3.76E-07	9.08E-06	2.00E-06	2.73E-06	4.34E-06	7.47E-07	4.17E-06	2.34E-05
1086	482309.06	3852400.14	2.78E-02	2.85E-02	2.71E-02	9.63E-06	2.91E-05	1.68E-05	1.72E-05	1.56E-05	6.96E-06	6.79E-06	3.21E-07	7.77E-06	1.71E-06	2.34E-06	3.71E-06	6.39E-07	3.56E-06	2.01E-05
1087	482209.06	3852450.14	4.40E-02	4.50E-02	4.29E-02	1.52E-05	4.60E-05	2.66E-05	2.72E-05	2.47E-05	1.10E-05	1.07E-05	5.08E-07	1.23E-05	2.71E-06	3.70E-06	5.86E-06	1.01E-06	5.63E-06	3.17E-05
1088	482259.06	3852450.14	3.73E-02	3.82E-02	3.64E-02	1.29E-05	3.90E-05	2.26E-05	2.31E-05	2.10E-05	9.34E-06	9.11E-06	4.31E-07	1.04E-05	2.30E-06	3.14E-06	4.98E-06	8.57E-07	4.78E-06	2.69E-05
1089	482309.06	3852450.14	3.20E-02	3.28E-02	3.12E-02	1.11E-05	3.34E-05	1.94E-05	1.98E-05	1.80E-05	8.01E-06	7.81E-06	3.70E-07	8.93E-06	1.97E-06	2.69E-06	4.27E-06	7.35E-07	4.10E-06	2.31E-05
1090	482209.06	3852500.14	5.32E-02	5.45E-02	5.19E-02	1.84E-05	5.57E-05	3.22E-05	3.30E-05	2.99E-05	1.33E-05	1.30E-05	6.15E-07	1.49E-05	3.28E-06	4.48E-06	7.10E-06	1.22E-06	6.82E-06	3.84E-05
1091	482259.06	3852500.14	4.41E-02	4.51E-02	4.30E-02	1.53E-05	4.60E-05	2.67E-05	2.73E-05	2.47E-05	1.10E-05	1.08E-05	5.09E-07	1.23E-05	2.71E-06	3.70E-06	5.88E-06	1.01E-06	5.64E-06	3.18E-05
1092	482309.06	3852500.14	3.69E-02	3.78E-02	3.60E-02	1.28E-05	3.86E-05	2.24E-05	2.29E-05	2.07E-05	9.25E-06	9.02E-06	4.27E-07	1.03E-05	2.28E-06	3.11E-06	4.93E-06	8.48E-07	4.73E-06	2.66E-05
1093	482283.91	3852513.62	4.22E-02	4.32E-02	4.12E-02	1.46E-05	4.41E-05	2.55E-05	2.61E-05	2.37E-05	1.06E-05	1.03E-05	4.88E-07	1.18E-05	2.60E-06	3.55E-06	5.63E-06	9.69E-07	5.41E-06	3.04E-05
1094	482333.91	3852513.62	3.56E-02	3.64E-02	3.47E-02	1.23E-05	3.72E-05	2.15E-05	2.20E-05	2.00E-05	8.90E-06	8.68E-06	4.11E-07	9.93E-06	2.19E-06	2.99E-06	4.75E-06	8.17E-07	4.56E-06	2.56E-05
1095	482283.91	3852563.62	5.05E-02	5.17E-02	4.93E-02	1.75E-05	5.28E-05	3.06E-05	3.13E-05	2.84E-05	1.26E-05	1.23E-05	5.84E-07	1.41E-05	3.11E-06	4.25E-06	6.74E-06	1.16E-06	6.47E-06	3.64E-05
1096	482333.91	3852563.62	4.18E-02	4.28E-02	4.08E-02	1.45E-05	4.37E-05	2.53E-05	2.59E-05	2.35E-05	1.05E-05	1.02E-05	4.84E-07	1.17E-05	2.58E-06	3.52E-06	5.58E-06	9.61E-07	5.36E-06	3.02E-05
1097	482383.91	3852563.62	3.54E-02	3.63E-02	3.45E-02	1.23E-05	3.70E-05	2.14E-05	2.19E-05	1.99E-05	8.87E-06	8.65E-06	4.09E-07	9.89E-06	2.18E-06	2.98E-06	4.73E-06	8.14E-07	4.54E-06	2.55E-05
1098	482283.91	3852613.62	6.50E-02	6.66E-02	6.34E-02	2.25E-05	6.80E-05	3.94E-05	4.03E-05	3.65E-05	1.63E-05	1.59E-05	7.52E-07	1.82E-05	4.01E-06	5.47E-06	8.68E-06	1.49E-06	8.33E-06	4.69E-05
1099	482333.91	3852613.62	5.04E-02	5.16E-02	4.92E-02	1.75E-05	5.27E-05	3.05E-05	3.12E-05	2.83E-05	1.26E-05	1.23E-05	5.83E-07	1.41E-05	3.11E-06	4.24E-06	6.73E-06	1.16E-06	6.46E-06	3.64E-05
1100	482383.91	3852613.62	4.14E-02	4.23E-02	4.03E-02	1.43E-05	4.32E-05	2.50E-05	2.56E-05	2.32E-05	1.04E-05	1.01E-05	4.78E-07	1.15E-05	2.55E-06	3.48E-06	5.52E-06	9.50E-07	5.30E-06	2.98E-05
1101	482602.38	3852600.87	2.15E-02	2.20E-02	2.10E-02	7.45E-06	2.25E-05	1.30E-05	1.33E-05	1.21E-05	5.38E-06	5.25E-06	2.49E-07	6.01E-06	1.33E-06	1.81E-06	2.87E-06	4.94E-07	2.76E-06	1.55E-05
1102	482652.38	3852600.87	1.96E-02	2.01E-02	1.91E-02	6.79E-06	2.05E-05	1.19E-05	1.21E-05	1.10E-05	4.91E-06	4.79E-06	2.27E-07	5.47E-06	1.21E-06	1.65E-06	2.62E-06	4.50E-07	2.51E-06	1.41E-05
1103	482702.38	3852600.87	1.73E-02	1.77E-02	1.68E-02	5.98E-06	1.81E-05	1.04E-05	1.07E-05	9.70E-06	4.32E-06	4.22E-06	2.00E-07	4.82E-06	1.06E-06	1.45E-06	2.30E-06	3.97E-07	2.21E-06	1.25E-05
1104	482552.38	3852650.87	2.77E-02	2.84E-02	2.70E-02	9.59E-06	2.90E-05	1.68E-05	1.72E-05	1.56E-05	6.93E-06	6.76E-06	3.20E-07	7.74E-06	1.71E-06	2.33E-06	3.70E-06	6.36E-07	3.55E-06	2.00E-05

1105	482602.38	3852650.87	2.40E-02	2.46E-02	2.34E-02	8.31E-06	2.51E-05	1.45E-05	1.49E-05	1.35E-05	6.01E-06	5.86E-06	2.77E-07	6.70E-06	1.48E-06	2.02E-06	3.20E-06	5.51E-07	3.07E-06	1.73E-05
1106	482652.38	3852650.87	2.17E-02	2.22E-02	2.12E-02	7.52E-06	2.27E-05	1.31E-05	1.35E-05	1.22E-05	5.44E-06	5.30E-06	2.51E-07	6.06E-06	1.34E-06	1.83E-06	2.90E-06	4.99E-07	2.78E-06	1.57E-05
1107	482702.38	3852650.87	1.98E-02	2.03E-02	1.94E-02	6.87E-06	2.07E-05	1.20E-05	1.23E-05	1.11E-05	4.97E-06	4.84E-06	2.29E-07	5.54E-06	1.22E-06	1.67E-06	2.65E-06	4.56E-07	2.54E-06	1.43E-05
1108	482552.38	3852700.87	3.14E-02	3.21E-02	3.06E-02	1.09E-05	3.28E-05	1.90E-05	1.94E-05	1.76E-05	7.85E-06	7.66E-06	3.63E-07	8.76E-06	1.93E-06	2.64E-06	4.19E-06	7.21E-07	4.02E-06	2.26E-05
1109	482602.38	3852700.87	2.77E-02	2.83E-02	2.70E-02	9.58E-06	2.89E-05	1.67E-05	1.71E-05	1.55E-05	6.93E-06	6.75E-06	3.20E-07	7.73E-06	1.71E-06	2.33E-06	3.69E-06	6.36E-07	3.55E-06	2.00E-05
1110	482652.38	3852700.87	2.50E-02	2.56E-02	2.44E-02	8.67E-06	2.62E-05	1.52E-05	1.55E-05	1.41E-05	6.27E-06	6.11E-06	2.90E-07	6.99E-06	1.54E-06	2.11E-06	3.34E-06	5.75E-07	3.21E-06	1.81E-05
1111	482702.38	3852700.87	2.25E-02	2.31E-02	2.20E-02	7.80E-06	2.35E-05	1.36E-05	1.39E-05	1.26E-05	5.64E-06	5.50E-06	2.60E-07	6.29E-06	1.39E-06	1.89E-06	3.00E-06	5.17E-07	2.89E-06	1.62E-05
1112	482452.38	3852750.87	5.42E-02	5.55E-02	5.29E-02	1.88E-05	5.67E-05	3.28E-05	3.36E-05	3.04E-05	1.36E-05	1.32E-05	6.27E-07	1.51E-05	3.34E-06	4.56E-06	7.23E-06	1.25E-06	6.94E-06	3.91E-05
1113	482521.29	3852749.74	4.03E-02	4.12E-02	3.93E-02	1.39E-05	4.21E-05	2.44E-05	2.50E-05	2.26E-05	1.01E-05	9.83E-06	4.66E-07	1.12E-05	2.48E-06	3.39E-06	5.37E-06	9.25E-07	5.16E-06	2.90E-05
1114	482571.29	3852749.74	3.41E-02	3.49E-02	3.33E-02	1.18E-05	3.57E-05	2.07E-05	2.11E-05	1.92E-05	8.54E-06	8.33E-06	3.95E-07	9.53E-06	2.10E-06	2.87E-06	4.55E-06	7.84E-07	4.37E-06	2.46E-05
1115	482521.29	3852799.74	4.88E-02	4.99E-02	4.76E-02	1.69E-05	5.10E-05	2.95E-05	3.02E-05	2.74E-05	1.22E-05	1.19E-05	5.64E-07	1.36E-05	3.00E-06	4.10E-06	6.50E-06	1.12E-06	6.25E-06	3.52E-05
1116	482571.29	3852799.74	4.00E-02	4.09E-02	3.90E-02	1.38E-05	4.18E-05	2.42E-05	2.48E-05	2.24E-05	1.00E-05	9.76E-06	4.62E-07	1.12E-05	2.46E-06	3.36E-06	5.33E-06	9.18E-07	5.12E-06	2.88E-05
1117	482621.29	3852799.74	3.39E-02	3.47E-02	3.31E-02	1.17E-05	3.54E-05	2.05E-05	2.10E-05	1.90E-05	8.49E-06	8.28E-06	3.92E-07	9.47E-06	2.09E-06	2.85E-06	4.52E-06	7.79E-07	4.34E-06	2.44E-05
1118	482571.29	3852849.74	4.81E-02	4.93E-02	4.69E-02	1.67E-05	5.03E-05	2.91E-05	2.98E-05	2.70E-05	1.20E-05	1.17E-05	5.56E-07	1.34E-05	2.97E-06	4.05E-06	6.42E-06	1.11E-06	6.17E-06	3.47E-05
1119	482621.29	3852849.74	3.95E-02	4.04E-02	3.85E-02	1.37E-05	4.13E-05	2.39E-05	2.45E-05	2.22E-05	9.88E-06	9.64E-06	4.56E-07	1.10E-05	2.43E-06	3.32E-06	5.27E-06	9.07E-07	5.06E-06	2.85E-05
1120	482577.42	3852901.55	5.92E-02	6.06E-02	5.77E-02	2.05E-05	6.19E-05	3.58E-05	3.67E-05	3.32E-05	1.48E-05	1.44E-05	6.84E-07	1.65E-05	3.65E-06	4.98E-06	7.90E-06	1.36E-06	7.58E-06	4.27E-05
1121	482627.42	3852901.55	4.65E-02	4.76E-02	4.54E-02	1.61E-05	4.86E-05	2.82E-05	2.88E-05	2.61E-05	1.16E-05	1.14E-05	5.38E-07	1.30E-05	2.87E-06	3.91E-06	6.21E-06	1.07E-06	5.96E-06	3.36E-05
1122	482629.96	3852955.85	5.77E-02	5.90E-02	5.63E-02	2.00E-05	6.03E-05	3.49E-05	3.57E-05	3.24E-05	1.44E-05	1.41E-05	6.67E-07	1.61E-05	3.55E-06	4.85E-06	7.70E-06	1.32E-06	7.39E-06	4.16E-05
1123	482679.96	3852955.85	4.50E-02	4.61E-02	4.39E-02	1.56E-05	4.70E-05	2.72E-05	2.79E-05	2.53E-05	1.13E-05	1.10E-05	5.20E-07	1.26E-05	2.77E-06	3.78E-06	6.00E-06	1.03E-06	5.77E-06	3.24E-05
1124	482781.63	3853034.48	3.64E-02	3.73E-02	3.55E-02	1.26E-05	3.81E-05	2.21E-05	2.26E-05	2.05E-05	9.12E-06	8.90E-06	4.21E-07	1.02E-05	2.25E-06	3.06E-06	4.86E-06	8.37E-07	4.67E-06	2.63E-05
1125	482831.63	3853034.48	3.04E-02	3.12E-02	2.97E-02	1.05E-05	3.18E-05	1.84E-05	1.89E-05	1.71E-05	7.62E-06	7.43E-06	3.52E-07	8.50E-06	1.88E-06	2.56E-06	4.06E-06	6.99E-07	3.90E-06	2.19E-05
1126	482881.63	3853034.48	2.59E-02	2.65E-02	2.53E-02	8.97E-06	2.71E-05	1.57E-05	1.61E-05	1.46E-05	6.49E-06	6.33E-06	3.00E-07	7.24E-06	1.60E-06	2.18E-06	3.46E-06	5.95E-07	3.32E-06	1.87E-05
1127	482781.63	3853084.48	4.01E-02	4.11E-02	3.92E-02	1.39E-05	4.20E-05	2.43E-05	2.49E-05	2.25E-05	1.00E-05	9.80E-06	4.64E-07	1.12E-05	2.47E-06	3.38E-06	5.36E-06	9.22E-07	5.14E-06	2.89E-05
1128	482831.63	3853084.48	3.30E-02	3.37E-02	3.21E-02	1.14E-05	3.44E-05	1.99E-05	2.04E-05	1.85E-05	8.25E-06	8.05E-06	3.81E-07	9.20E-06	2.03E-06	2.77E-06	4.40E-06	7.57E-07	4.22E-06	2.38E-05
1129	482881.63	3853084.48	2.80E-02	2.86E-02	2.73E-02	9.69E-06	2.92E-05	1.69E-05	1.73E-05	1.57E-05	7.00E-06	6.83E-06	3.23E-07	7.81E-06	1.72E-06	2.35E-06	3.73E-06	6.43E-07	3.58E-06	2.02E-05
1130	482781.63	3853134.48	4.49E-02	4.59E-02	4.38E-02	1.55E-05	4.69E-05	2.72E-05	2.78E-05	2.52E-05	1.12E-05	1.10E-05	5.19E-07	1.25E-05	2.76E-06	3.77E-06	5.99E-06	1.03E-06	5.75E-06	3.23E-05
1131	482831.63	3853134.48	3.60E-02	3.68E-02	3.51E-02	1.25E-05	3.76E-05	2.18E-05	2.23E-05	2.02E-05	9.01E-06	8.78E-06	4.16E-07	1.00E-05	2.22E-06	3.03E-06	4.80E-06	8.26E-07	4.61E-06	2.59E-05
1132	482881.63	3853134.48	3.03E-02	3.10E-02	2.95E-02	1.05E-05	3.16E-05	1.83E-05	1.87E-05	1.70E-05	7.58E-06	7.39E-06	3.50E-07	8.45E-06	1.86E-06	2.55E-06	4.04E-06	6.95E-07	3.88E-06	2.18E-05
1133	482831.63	3853184.48	3.99E-02	4.08E-02	3.89E-02	1.38E-05	4.17E-05	2.41E-05	2.47E-05	2.24E-05	9.98E-06	9.74E-06	4.61E-07	1.11E-05	2.46E-06	3.35E-06	5.32E-06	9.16E-07	5.11E-06	2.88E-05
1134	482881.63	3853184.48	3.28E-02	3.35E-02	3.19E-02	1.13E-05	3.42E-05	1.98E-05	2.03E-05	1.84E-05	8.20E-06	8.00E-06	3.79E-07	9.15E-06	2.02E-06	2.75E-06	4.37E-06	7.52E-07	4.20E-06	2.36E-05
1135	484154.84	3854250.98	1.61E-03	1.65E-03	1.57E-03	5.58E-07	1.68E-06	9.75E-07	9.98E-07	9.05E-07	4.03E-07	3.93E-07	1.86E-08	4.50E-07	9.93E-08	1.35E-07	2.15E-07	3.70E-08	2.06E-07	1.16E-06
1136	484204.84	3854250.98	1.60E-03	1.63E-03	1.56E-03	5.52E-07	1.67E-06	9.65E-07	9.88E-07	8.96E-07	3.99E-07	3.89E-07	1.84E-08	4.46E-07	9.83E-08	1.34E-07	2.13E-07	3.66E-08	2.04E-07	1.15E-06
1137	484154.84	3854300.98	1.52E-03	1.56E-03	1.48E-03	5.27E-07	1.59E-06	9.21E-07	9.43E-07	8.55E-07	3.81E-07	3.72E-07	1.76E-08	4.25E-07	9.38E-08	1.28E-07	2.03E-07	3.50E-08	1.95E-07	1.10E-06
1138	484204.84	3854300.98	1.52E-03	1.55E-03	1.48E-03	5.25E-07	1.59E-06	9.18E-07	9.40E-07	8.52E-07	3.80E-07	3.70E-07	1.75E-08	4.24E-07	9.35E-08	1.28E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
1139	484074.19	3854519.8	1.27E-03	1.30E-03	1.24E-03	4.41E-07	1.33E-06	7.71E-07	7.89E-07	7.15E-07	3.19E-07	3.11E-07	1.47E-08	3.56E-07	7.85E-08	1.07E-07	1.70E-07	2.93E-08	1.63E-07	9.19E-07
1140	484124.19	3854519.8	1.26E-03	1.29E-03	1.23E-03	4.37E-07	1.32E-06	7.65E-07	7.83E-07	7.09E-07	3.16E-07	3.08E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.90E-08	1.62E-07	9.11E-07
1141	484074.19	3854569.8	1.23E-03	1.26E-03	1.20E-03	4.25E-07	1.28E-06	7.42E-07	7.60E-07	6.89E-07	3.07E-07	2.99E-07	1.42E-08	3.43E-07	7.56E-08	1.03E-07	1.64E-07	2.82E-08	1.57E-07	8.84E-07
1142	484124.19	3854569.8	1.21E-03	1.24E-03	1.18E-03	4.18E-07	1.26E-06	7.31E-07	7.48E-07	6.78E-07	3.02E-07	2.95E-07	1.40E-08	3.37E-07	7.44E-08	1.02E-07	1.61E-07	2.77E-08	1.55E-07	8.71E-07
1143	485205.11	3855188.89	1.02E-03	1.04E-03	9.96E-04	3.53E-07	1.07E-06	6.18E-07	6.32E-07	5.73E-07	2.55E-07	2.49E-07	1.18E-08	2.85E-07	6.29E-08	8.58E-08	1.36E-07	2.34E-08	1.31E-07	7.36E-07
1144	485255.11	3855188.89	1.01E-03	1.03E-03	9.82E-04	3.49E-07	1.05E-06	6.09E-07	6.24E-07	5.65E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.21E-08	8.47E-08	1.34E-07	2.31E-08	1.29E-07	7.26E-07
1145	485205.11	3855238.89	1.00E-03	1.03E-03	9.79E-04	3.48E-07	1.05E-06	6.07E-07	6.22E-07	5.64E-07	2.51E-07	2.45E-07	1.16E-08	2.80E-07	6.19E-08	8.44E-08	1.34E-07	2.31E-08	1.29E-07	7.24E-07
1146	485255.11	3855238.89	9.98E-04	1.02E-03	9.73E-04	3.45E-07	1.04E-06	6.04E-07	6.18E-07	5.60E-07	2.50E-07	2.44E-07	1.15E-08	2.79E-07	6.15E-08	8.39E-08	1.33E-07	2.29E-08	1.28E-07	7.19E-07
1147	485205.11	3855288.89	1.01E-03	1.03E-03	9.82E-04	3.49E-07	1.05E-06	6.09E-07	6.24E-07	5.65E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.20E-08	8.47E-08	1.34E-07	2.31E-08	1.29E-07	7.26E-07
1148	485255.11	3855288.89	9.98E-04	1.02E-03	9.73E-04	3.45E-07	1.04E-06	6.04E-07	6.18E-07	5.60E-07	2.50E-07	2.44E-07	1.15E-08	2.79E-07	6.15E-08	8.39E-08	1.33E-07	2.29E-08	1.28E-07	7.19E-07
1149	485255.11	3855338.89	9.96E-04	1.02E-03	9.71E-04	3.45E-07	1.04E-06	6.02E-07	6.17E-07	5.59E-07	2.49E-07	2.43E-07	1.15E-08	2.78E-07	6.13E-08	8.37E-08	1.33E-07	2.29E-08	1.28E-07	7.18E-07
1150	485305.11	3855338.89	9.87E-04	1.01E-03	9.63E-04	3.42E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.47E-07	2.41E-07	1.14E-08	2.76E-07	6.08E-08	8.30E-08	1.32E-07	2.27E-08	1.26E-07	7.12E-07
1151	485852.5	3855635.28	8.91E-04	9.12E-04	8.69E-04	3.08E-07	9.31E-07	5.39E-07	5.52E-07	5.00E-07	2.23E-07	2.17E-07	1.03E-08	2.49E-07	5.49E-08	7.49E-08	1.19E-07	2.05E-08	1.14E-07	6.42E-07
1152	485902.5	3855635.28	8.82E-04	9.03E-04	8.60E-04	3.05E-07	9.22E-07	5.34E-07	5.46E-07	4.95E-07	2.21E-07	2.15E-07	1.02E-08	2.46E-07	5.44E-08	7.42E-08	1.18E-07	2.03E-08	1.13E-07	6.36E-07
1153	485852.5	3855685.28	8.84E-04	9.05E-04	8.63E-04	3.06E-07	9.24E-07	5.35E-07	5.48E-07	4.97E-07	2.21E-07	2.16E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.03E-08	1.13E-07	6.38E-07
1154	485902.5	3855685.28	8.76E-04	8.97E-04	8.54E-04	3.03E-07	9.16E-07	5.30E-07	5.43E-07	4.92E-07	2.19E-07	2.14E-07	1.01E-08	2.45E-07	5.40E-08	7.37E-08	1.17E-07	2.01E-08	1.12E-07	6.32E-07
1155	485852.5	3855735.28	8.78E-04	8.99E-04	8.56E-04	3.04E-07	9.18E-07	5.31E-07	5.44E-07	4.93E-07	2.20E-07	2.14E-07	1.02E-08	2.45E-07	5.41E-08	7.38E-08	1.17E-07	2.02E-08	1.12E-07	6.33E-07
1156	485902.5	3855735.28	8.72E-04	8.93E-04	8.51E-04	3.02E-07	9.12E-07	5.28E-07	5.40E-07	4.90E-07	2.18E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.34E-08	1.16E-07	2.00E-08	1.12E-07	6.29E-07
1157	485852.5	3855785.28	8.73E-04	8.94E-04	8.52E-04	3.02E-07	9.13E-07	5.28E-07	5.41E-07	4.90E-07	2.19E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.34E-08	1.17E-07	2.01E-08	1.12E-07	6.30E-07
1158	485902.5	3855785.28	8.66E-04	8.86E-04	8.45E-04	3.00E-07	9.05E-07	5.24E-07	5.36E-07	4.86E-07	2.17E-07	2.11E-07	1.00E-08	2.42E-07	5.34E-08	7.28E-08	1.16E-07	1.99E-08	1.11E-07	6.24E-07
1159	486809.46	3856465.28	7.55E-04	7.73E-04	7.37E-04	2.61E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.65E-08	6.35E-08	1.01E-07	1.73E-08	9.68E-08	5.45E-07
1160	486859.46	3856465.28	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.43E-07
1161	486909.46	3856465.28	7.51E-04	7.69E-04	7.33E-04	2.60E-07	7.85E-07	4.55E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
1162	486809.46	3856515.28	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
1163	486859.46	3856515.28	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.68E-08	5.45E-07
1164	486909.46	3856515.28	7.54E-04	7.72E-04	7.36E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
1165	486980.94	3856357.95	7.48E-04	7.66E-04	7.30E-04	2.59E-07	7.82E-07	4.53E-07	4.63E-07	4.20E-07	1.87E-07	1.83E-07	8.65E-09	2.09E-07	4.61E-08	6.29E-08	9.98E-08	1.72E-08	9.58E-08	5.39E-07
1166	487030.94	3856357.95	7.48E-04	7.65E-04	7.29E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.87E-07	1.82E-07	8.64E-09	2.09E-07	4.61E-08	6.29E-08	9.97E-08	1.72E-08	9.58E-08	5.39E-07
1167	486980.94	3856407.95	7.49E-04	7.66E-04	7.30E-04	2.59E-07	7.82E-07	4.53E-07	4.64E-07	4.20E-07	1.87E-07	1.83E-07	8.65E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.72E-08	9.59E-08	5.40E-07
1168	487030.94	3856407.95	7.47E-04	7.65E-04	7.29E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.87E-07	1.82E-07	8.64E-09	2.09E-07	4.60E-08	6.28E-08	9.97E-08	1.72E-08	9.57E-08	5.39E-07
1169	487447.18	3856437.45	7.51E-04	7.68E-04	7.32E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.21E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.62E-08	6.31E-08	1.00E-07	1.72E-08	9.62E-08	5.41E-07
1170	487497.18	3856437.45	7.52E-04	7.70E-04	7.34E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.42E-07
1171	487547.18	3856437.45	7.54E-04	7.72E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
1172	487447.18	3856487.45	7.50E-04	7.67E-04	7.31E-04	2.59E-07	7.84E-07	4.54E-07	4.64E-07	4.21E-07	1.88E-07	1.83E-07	8.67E-09	2.09E-07	4.62E-08	6.30E-08	1.00E-07	1.72E-08	9.60E-08	5.40E-07
1173	487497.18	3856487.45	7.51E-04	7.69E-04	7.32E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.63E-08	6.31E-08	1.00E-07	1.72E-08	9.62E-08	5.41E-07
1174	487547.18	3856487.45	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
1175	487447.18	3856537.45	7.49E-04	7.67E-04	7.31E-04	2.59E-07	7.83E-07	4.53E-07	4.64E-07	4.21E-07	1.87E-07	1.83E-07	8.66E-09	2.09E-07	4.62E-08	6.30E-08	9.99E-08	1.72E-08	9.60E-08	5.40E-07
1176	487497.18	3856537.45	7.50E-04	7.68E-04	7.32E-04	2.60E-07	7.84E-07	4.54E-07	4.65E-07	4.21E-07	1.88E-07	1.83E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.72E-08	9.61E-08	5.41E-07
1177	487547.18	3856537.45	7.53E-04	7.70E-04	7.34E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.43E-07
1178	489285.89	3858826.54	9.82E-03	1.01E-02	9.58E-03	3.40E-06	1.03E-05	5.94E-06	6.08E-06	5.52E-06	2.46E-06	2.40E-06	1.14E-07	2.74E-06	6.05E-07	8.26E-07	1.31E-06	2.26E-07	1.26E-06	7.08E-06
1179	489335.89	3858826.54	9.54E-03	9.76E-03	9.30E-03	3.30E-06	9.97E-06	5.77E-06	5.91E-06	5.35E-06	2.39E-06	2.33E-06	1.10E-07	2.66E-06	5.88E-07	8.02E-07	1.27E-06	2.19E-07	1.22E-06	6.88E-06
1180	489385.89	3858826.54	9.23E-03	9.45E-03	9.01E-03	3.20E-06	9.65E-06	5.59E-06	5.72E-06	5.18E-06	2.31E-06	2.25E-06	1.07E-07	2.58E-06	5.69E-07	7.77E-07	1.23E-06	2.12E-07	1.18E-06	6.66E-06
1181	489435.89	3858826.54	8.95E-03	9.16E-03	8.72E-03	3.10E-06	9.35E-06	5.41E-06	5.54E-06	5.02E-06	2.24E-06	2.18E-06	1.03E-07	2.50E-06	5.51E-07	7.52E-07	1.19E-06	2.05E-07	1.15E-06	6.45E-06
1182	489485.89	3858826.54	8.66E-03	8.87E-03	8.45E-03	3.00E-06	9.06E-06	5.24E-06	5.37E-06	4.86E-06	2.17E-06	2.11E-06	1.00E-07	2.42E-06	5.34E-07	7.29E-07	1.16E-06	1.99E-07	1.11E-06	6.25E-06
1183	489535.89	3858826.54	8.39E-03	8.59E-03	8.19E-03	2.91E-06	8.77E-06	5.08E-06	5.20E-06	4.71E-06	2.10E-06	2.05E-06	9.70E-08	2.34E-06	5.17E-07	7.06E-07	1.12E-06	1.93E-07	1.08E-06	6.05E-06
1184	489585.89	3858826.54	8.14E-03	8.33E-03	7.94E-03	2.82E-06	8.51E-06	4.93E-06	5.04E-06	4.57E-06	2.04E-06	1.99E-06	9.41E-08	2.27E-06	5.02E-07	6.85E-07	1.09E-06	1.87E-07	1.04E-06	5.87E-06
1185	489635.89	3858826.54	7.89E-03	8.08E-03	7.70E-03	2.73E-06	8.25E-06	4.78E-06	4.89E-06	4.43E-06	1.98E-06	1.93E-06	9.12E-08	2.20E-06	4.86E-07	6.64E-07	1.05E-06	1.81E-07	1.01E-06	5.69E-06
1186	489685.89	3858826.54	7.66E-03	7.84E-03	7.47E-03	2.65E-06	8.00E-06	4.63E-06	4.74E-06	4.30E-06	1.92E-06	1.87E-06	8.85E-08	2.14E-06	4.72E-07	6.44E-07	1.02E-06	1.76E-07	9.81E-07	5.52E-06
1187	489735.89	3858826.54	7.44E-03	7.61E-03	7.26E-03	2.58E-06	7.78E-06	4.50E-06	4.61E-06	4.18E-06	1.86E-06	1.82E-06	8.60E-08	2.08E-06	4.58E-07	6.26E-07	9.92E-07	1.71E-07	9.53E-07	5.36E-06
1188	489785.89	3858826.54	7.24E-03	7.42E-03	7.07E-03	2.51E-06	7.57E-06	4.38E-06	4.49E-06	4.07E-06	1.81E-06	1.77E-06	8.37E-08	2.02E-06	4.46E-07	6.09E-07	9.66E-07	1.66E-07	9.28E-07	5.22E-06
1189	489835.89	3858826.54	7.04E-03	7.21E-03	6.87E-03	2.44E-06	7.36E-06	4.26E-06	4.36E-06	3.96E-06	1.76E-06	1.72E-06	8.14E-08	1.97E-06	4.34E-07	5.92E-07	9.40E-07	1.62E-07	9.02E-07	5.08E-06
1190	489885.89	3858826.54	6.88E-03	7.04E-03	6.71E-03	2.38E-06	7.19E-06	4.16E-06	4.26E-06	3.86E-06	1.72E-06	1.68E-06	7.95E-08	1.92E-06	4.24E-07	5.78E-07	9.17E-07	1.58E-07	8.81E-07	4.96E-06
1191	489935.89	3858826.54	6.70E-03	6.86E-03	6.54E-03	2.32E-06	7.01E-06	4.06E-06	4.15E-06	3.76E-06	1.68E-06	1.64E-06	7.75E-08	1.87E-06	4.13E-07	5.64E-07	8.94E-07	1.54E-07	8.59E-07	4.83E-06
1192	489985.89	3858826.54	6.52E-03	6.68E-03	6.36E-03	2.26E-06	6.82E-06	3.95E-06	4.04E-06	3.66E-06	1.63E-06	1.59E-06	7.54E-08	1.82E-06	4.02E-07	5.49E-07	8.70E-07	1.50E-07	8.36E-07	4.70E-06
1193	490035.89	3858826.54	6.28E-03	6.43E-03	6.13E-03	2.18E-06	6.57E-06	3.80E-06	3.89E-06	3.53E-06	1.57E-06	1.53E-06	7.26E-08	1.75E-06	3.87E-07	5.28E-07	8.38E-07	1.44E-07	8.05E-07	4.53E-06
1194	489285.89	3858876.54	1.40E-02	1.43E-02	1.36E-02	4.84E-06	1.46E-05	8.47E-06	8.67E-06	7.86E-06	3.50E-06	3.42E-06	1.62E-07	3.91E-06	8.62E-07	1.18E-06	1.87E-06	3.21E-07	1.79E-06	1.01E-05
1195	489335.89	3858876.54	1.31E-02	1.34E-02	1.28E-02	4.55E-06	1.37E-05	7.95E-06	8.14E-06	7.38E-06	3.29E-06	3.21E-06	1.52E-07	3.67E-06	8.09E-07	1.10E-06	1.75E-06	3.02E-07	1.68E-06	9.47E-06
1196	489385.89	3858876.54	1.24E-02	1.27E-02	1.21E-02	4.29E-06	1.30E-05	7.50E-06	7.67E-06	6.96E-06	3.10E-06	3.02E-06	1.43E-07	3.46E-06	7.63E-07	1.04E-06	1.65E-06	2.85E-07	1.59E-06	8.93E-06
1197	489435.89	3858876.54	1.17E-02	1.20E-02	1.14E-02	4.06E-06	1.23E-05	7.10E-06	7.27E-06	6.59E-06	2.94E-06	2.86E-06	1.36E-07	3.28E-06	7.23E-07	9.86E-07	1.56E-06	2.69E-07	1.50E-06	8.46E-06
1198	489485.89	3858876.54	1.11E-02	1.14E-02	1.09E-02	3.86E-06	1.16E-05	6.74E-06	6.90E-06	6.26E-06	2.79E-06	2.72E-06	1.29E-07	3.11E-06	6.87E-07	9.37E-07	1.49E-06	2.56E-07	1.43E-06	8.04E-06
1199	489535.89	3858876.54	1.06E-02	1.09E-02	1.04E-02	3.67E-06	1.11E-05	6.42E-06	6.57E-06	5.96E-06	2.66E-06	2.59E-06	1.23E-07	2.96E-06	6.54E-07	8.93E-07	1.42E-06	2.44E-07	1.36E-06	7.65E-06
1200	489585.89	3858876.54	1.01E-02	1.04E-02	9.88E-03	3.51E-06	1.06E-05	6.13E-06	6.27E-06	5.69E-06	2.53E-06	2.47E-06	1.17E-07	2.83E-06	6.24E-07	8.52E-07	1.35E-06	2.33E-07	1.30E-06	7.30E-06
1201	489635.89	3858876.54	9.70E-03	9.93E-03	9.46E-03	3.36E-06	1.01E-05	5.87E-06	6.01E-06	5.45E-06	2.43E-06	2.37E-06	1.12E-07	2.71E-06	5.98E-07	8.16E-07	1.29E-06	2.23E-07	1.24E-06	7.00E-06
1202	489685.89	3858876.54	9.31E-03	9.53E-03	9.08E-03	3.22E-06	9.73E-06	5.64E-06	5.77E-06	5.23E-06	2.33E-06	2.27E-06	1.08E-07	2.60E-06	5.74E-07	7.83E-07	1.24E-06	2.14E-07	1.19E-06	6.71E-06
1203	489735.89	3858876.54	8.95E-03	9.16E-03	8.73E-03	3.10E-06	9.36E-06	5.42E-06	5.54E-06	5.03E-06	2.24E-06	2.18E-06	1.03E-07	2.50E-06	5.51E-07	7.53E-07	1.19E-06	2.06E-07	1.15E-06	6.45E-06
1204	489785.89	3858876.54	8.64E-03	8.84E-03	8.43E-03	2.99E-06	9.03E-06	5.23E-06	5.35E-06	4.85E-06	2.16E-06	2.11E-06	9.99E-08	2.41E-06	5.32E-07	7.26E-07	1.15E-06	1.98E-07	1.11E-06	6.23E-06
1205	489835.89	3858876.54	8.34E-03	8.54E-03	8.13E-03	2.89E-06	8.72E-06	5.05E-06	5.17E-06	4.68E-06	2.09E-06	2.04E-06	9.64E-08	2.33E-06	5.14E-07	7.01E-07	1.11E-06	1.92E-07	1.07E-06	6.01E-06

1206	489885.89	3858876.54	8.09E-03	8.28E-03	7.89E-03	2.80E-06	8.46E-06	4.90E-06	5.01E-06	4.54E-06	2.02E-06	1.97E-06	9.35E-08	2.26E-06	4.99E-07	6.80E-07	1.08E-06	1.86E-07	1.04E-06	5.83E-06
1207	489935.89	3858876.54	7.83E-03	8.01E-03	7.64E-03	2.71E-06	8.18E-06	4.74E-06	4.85E-06	4.40E-06	1.96E-06	1.91E-06	9.05E-08	2.19E-06	4.82E-07	6.58E-07	1.04E-06	1.80E-07	1.00E-06	5.64E-06
1208	489985.89	3858876.54	7.56E-03	7.74E-03	7.37E-03	2.62E-06	7.90E-06	4.57E-06	4.68E-06	4.24E-06	1.89E-06	1.85E-06	8.74E-08	2.11E-06	4.66E-07	6.36E-07	1.01E-06	1.74E-07	9.68E-07	5.45E-06
1209	490035.89	3858876.54	7.26E-03	7.43E-03	7.08E-03	2.51E-06	7.59E-06	4.39E-06	4.50E-06	4.08E-06	1.82E-06	1.77E-06	8.40E-08	2.03E-06	4.48E-07	6.11E-07	9.69E-07	1.67E-07	9.30E-07	5.24E-06
1210	489285.89	3858926.54	1.96E-02	2.01E-02	1.91E-02	6.79E-06	2.05E-05	1.19E-05	1.22E-05	1.10E-05	4.91E-06	4.79E-06	2.27E-07	5.48E-06	1.21E-06	1.65E-06	2.62E-06	4.51E-07	2.51E-06	1.42E-05
1211	489335.89	3858926.54	1.79E-02	1.83E-02	1.74E-02	6.18E-06	1.87E-05	1.08E-05	1.11E-05	1.00E-05	4.47E-06	4.36E-06	2.06E-07	4.99E-06	1.10E-06	1.50E-06	2.38E-06	4.10E-07	2.29E-06	1.29E-05
1212	489385.89	3858926.54	1.64E-02	1.68E-02	1.60E-02	5.68E-06	1.71E-05	9.92E-06	1.02E-05	9.21E-06	4.10E-06	4.00E-06	1.90E-07	4.58E-06	1.01E-06	1.38E-06	2.19E-06	3.77E-07	2.10E-06	1.18E-05
1213	489435.89	3858926.54	1.52E-02	1.56E-02	1.48E-02	5.26E-06	1.59E-05	9.20E-06	9.41E-06	8.53E-06	3.80E-06	3.71E-06	1.76E-07	4.24E-06	9.36E-07	1.28E-06	2.03E-06	3.49E-07	1.95E-06	1.10E-05
1214	489485.89	3858926.54	1.42E-02	1.45E-02	1.38E-02	4.91E-06	1.48E-05	8.58E-06	8.78E-06	7.96E-06	3.55E-06	3.46E-06	1.64E-07	3.96E-06	8.73E-07	1.19E-06	1.89E-06	3.26E-07	1.82E-06	1.02E-05
1215	489535.89	3858926.54	1.33E-02	1.36E-02	1.30E-02	4.60E-06	1.39E-05	8.05E-06	8.24E-06	7.47E-06	3.33E-06	3.25E-06	1.54E-07	3.71E-06	8.19E-07	1.12E-06	1.77E-06	3.05E-07	1.70E-06	9.59E-06
1216	489585.89	3858926.54	1.25E-02	1.28E-02	1.22E-02	4.34E-06	1.31E-05	7.58E-06	7.76E-06	7.03E-06	3.13E-06	3.06E-06	1.45E-07	3.50E-06	7.72E-07	1.05E-06	1.67E-06	2.88E-07	1.60E-06	9.03E-06
1217	489635.89	3858926.54	1.18E-02	1.21E-02	1.16E-02	4.10E-06	1.24E-05	7.17E-06	7.34E-06	6.65E-06	2.97E-06	2.89E-06	1.37E-07	3.31E-06	7.30E-07	9.96E-07	1.58E-06	2.72E-07	1.52E-06	8.54E-06
1218	489685.89	3858926.54	1.12E-02	1.15E-02	1.10E-02	3.89E-06	1.18E-05	6.80E-06	6.96E-06	6.31E-06	2.81E-06	2.74E-06	1.30E-07	3.14E-06	6.93E-07	9.45E-07	1.50E-06	2.58E-07	1.44E-06	8.11E-06
1219	489735.89	3858926.54	1.07E-02	1.10E-02	1.05E-02	3.71E-06	1.12E-05	6.49E-06	6.64E-06	6.02E-06	2.68E-06	2.62E-06	1.24E-07	2.99E-06	6.61E-07	9.02E-07	1.43E-06	2.46E-07	1.37E-06	7.73E-06
1220	489785.89	3858926.54	1.03E-02	1.05E-02	1.00E-02	3.55E-06	1.07E-05	6.20E-06	6.35E-06	5.76E-06	2.57E-06	2.50E-06	1.19E-07	2.86E-06	6.32E-07	8.62E-07	1.37E-06	2.36E-07	1.31E-06	7.39E-06
1221	489835.89	3858926.54	9.82E-03	1.01E-02	9.58E-03	3.40E-06	1.03E-05	5.94E-06	6.08E-06	5.51E-06	2.46E-06	2.40E-06	1.14E-07	2.74E-06	6.05E-07	8.26E-07	1.31E-06	2.26E-07	1.26E-06	7.08E-06
1222	489885.89	3858926.54	9.45E-03	9.67E-03	9.21E-03	3.27E-06	9.87E-06	5.72E-06	5.85E-06	5.30E-06	2.36E-06	2.31E-06	1.09E-07	2.64E-06	5.82E-07	7.94E-07	1.26E-06	2.17E-07	1.21E-06	6.81E-06
1223	489935.89	3858926.54	9.09E-03	9.31E-03	8.87E-03	3.15E-06	9.50E-06	5.50E-06	5.63E-06	5.11E-06	2.28E-06	2.22E-06	1.05E-07	2.54E-06	5.60E-07	7.65E-07	1.21E-06	2.09E-07	1.16E-06	6.56E-06
1224	489985.89	3858926.54	8.75E-03	8.95E-03	8.53E-03	3.03E-06	9.14E-06	5.29E-06	5.42E-06	4.91E-06	2.19E-06	2.13E-06	1.01E-07	2.44E-06	5.39E-07	7.36E-07	1.17E-06	2.01E-07	1.12E-06	6.31E-06
1225	490035.89	3858926.54	8.30E-03	8.50E-03	8.10E-03	2.87E-06	8.68E-06	5.02E-06	5.14E-06	4.66E-06	2.08E-06	2.03E-06	9.60E-08	2.32E-06	5.12E-07	6.98E-07	1.11E-06	1.91E-07	1.06E-06	5.99E-06
1226	489335.89	3858976.54	2.39E-02	2.45E-02	2.33E-02	8.28E-06	2.50E-05	1.45E-05	1.48E-05	1.34E-05	5.98E-06	5.84E-06	2.76E-07	6.67E-06	1.47E-06	2.01E-06	3.19E-06	5.49E-07	3.06E-06	1.72E-05
1227	489385.89	3858976.54	2.14E-02	2.19E-02	2.09E-02	7.42E-06	2.24E-05	1.30E-05	1.33E-05	1.20E-05	5.37E-06	5.23E-06	2.48E-07	5.99E-06	1.32E-06	1.80E-06	2.86E-06	4.92E-07	2.75E-06	1.55E-05
1228	489435.89	3858976.54	1.95E-02	2.00E-02	1.90E-02	6.75E-06	2.04E-05	1.18E-05	1.21E-05	1.09E-05	4.88E-06	4.76E-06	2.25E-07	5.44E-06	1.20E-06	1.64E-06	2.60E-06	4.48E-07	2.50E-06	1.41E-05
1229	489485.89	3858976.54	1.79E-02	1.83E-02	1.74E-02	6.19E-06	1.87E-05	1.08E-05	1.11E-05	1.00E-05	4.47E-06	4.36E-06	2.07E-07	4.99E-06	1.10E-06	1.50E-06	2.38E-06	4.10E-07	2.29E-06	1.29E-05
1230	489535.89	3858976.54	1.65E-02	1.69E-02	1.61E-02	5.71E-06	1.73E-05	9.99E-06	1.02E-05	9.27E-06	4.13E-06	4.03E-06	1.91E-07	4.61E-06	1.02E-06	1.39E-06	2.20E-06	3.79E-07	2.11E-06	1.19E-05
1231	489585.89	3858976.54	1.54E-02	1.57E-02	1.50E-02	5.32E-06	1.61E-05	9.30E-06	9.52E-06	8.63E-06	3.85E-06	3.75E-06	1.78E-07	4.29E-06	9.47E-07	1.29E-06	2.05E-06	3.53E-07	1.97E-06	1.11E-05
1232	489635.89	3858976.54	1.44E-02	1.47E-02	1.40E-02	4.98E-06	1.50E-05	8.71E-06	8.91E-06	8.08E-06	3.60E-06	3.51E-06	1.66E-07	4.02E-06	8.87E-07	1.21E-06	1.92E-06	3.30E-07	1.84E-06	1.04E-05
1233	489685.89	3858976.54	1.35E-02	1.38E-02	1.32E-02	4.68E-06	1.41E-05	8.18E-06	8.37E-06	7.59E-06	3.38E-06	3.30E-06	1.56E-07	3.77E-06	8.33E-07	1.14E-06	1.80E-06	3.10E-07	1.73E-06	9.75E-06
1234	489735.89	3858976.54	1.28E-02	1.31E-02	1.25E-02	4.42E-06	1.34E-05	7.73E-06	7.91E-06	7.17E-06	3.20E-06	3.12E-06	1.48E-07	3.57E-06	7.87E-07	1.07E-06	1.70E-06	2.93E-07	1.64E-06	9.21E-06
1235	489785.89	3858976.54	1.21E-02	1.24E-02	1.18E-02	4.20E-06	1.27E-05	7.34E-06	7.51E-06	6.81E-06	3.04E-06	2.96E-06	1.40E-07	3.39E-06	7.47E-07	1.02E-06	1.62E-06	2.79E-07	1.55E-06	8.74E-06
1236	489835.89	3858976.54	1.15E-02	1.18E-02	1.13E-02	4.00E-06	1.21E-05	6.99E-06	7.15E-06	6.48E-06	2.89E-06	2.82E-06	1.33E-07	3.22E-06	7.11E-07	9.71E-07	1.54E-06	2.65E-07	1.48E-06	8.32E-06
1237	489885.89	3858976.54	1.10E-02	1.12E-02	1.07E-02	3.80E-06	1.15E-05	6.65E-06	6.80E-06	6.17E-06	2.75E-06	2.68E-06	1.27E-07	3.07E-06	6.77E-07	9.24E-07	1.47E-06	2.52E-07	1.41E-06	7.92E-06
1238	489935.89	3858976.54	1.05E-02	1.07E-02	1.02E-02	3.64E-06	1.10E-05	6.35E-06	6.50E-06	5.90E-06	2.63E-06	2.56E-06	1.21E-07	2.93E-06	6.47E-07	8.83E-07	1.40E-06	2.41E-07	1.35E-06	7.57E-06
1239	489985.89	3858976.54	1.01E-02	1.03E-02	9.81E-03	3.48E-06	1.05E-05	6.08E-06	6.23E-06	5.65E-06	2.52E-06	2.45E-06	1.16E-07	2.81E-06	6.20E-07	8.46E-07	1.34E-06	2.31E-07	1.29E-06	7.25E-06
1240	490035.89	3858976.54	9.37E-03	9.59E-03	9.14E-03	3.24E-06	9.79E-06	5.67E-06	5.80E-06	5.26E-06	2.34E-06	2.29E-06	1.08E-07	2.62E-06	5.77E-07	7.88E-07	1.25E-06	2.15E-07	1.20E-06	6.75E-06
1241	489385.89	3859026.54	2.79E-02	2.86E-02	2.72E-02	9.67E-06	2.92E-05	1.69E-05	1.73E-05	1.57E-05	6.99E-06	6.82E-06	3.23E-07	7.80E-06	1.72E-06	2.35E-06	3.73E-06	6.42E-07	3.58E-06	2.01E-05
1242	489435.89	3859026.54	2.49E-02	2.55E-02	2.43E-02	8.61E-06	2.60E-05	1.50E-05	1.54E-05	1.40E-05	6.22E-06	6.07E-06	2.87E-07	6.94E-06	1.53E-06	2.09E-06	3.32E-06	5.71E-07	3.19E-06	1.79E-05
1243	489485.89	3859026.54	2.24E-02	2.30E-02	2.19E-02	7.76E-06	2.34E-05	1.36E-05	1.39E-05	1.26E-05	5.61E-06	5.47E-06	2.59E-07	6.26E-06	1.38E-06	1.89E-06	2.99E-06	5.15E-07	2.87E-06	1.62E-05
1244	489535.89	3859026.54	2.04E-02	2.09E-02	1.99E-02	7.08E-06	2.14E-05	1.24E-05	1.27E-05	1.15E-05	5.12E-06	4.99E-06	2.36E-07	5.71E-06	1.26E-06	1.72E-06	2.73E-06	4.70E-07	2.62E-06	1.47E-05
1245	489585.89	3859026.54	1.88E-02	1.92E-02	1.83E-02	6.50E-06	1.96E-05	1.14E-05	1.16E-05	1.05E-05	4.70E-06	4.59E-06	2.17E-07	5.25E-06	1.16E-06	1.58E-06	2.51E-06	4.31E-07	2.41E-06	1.35E-05
1246	489635.89	3859026.54	1.74E-02	1.78E-02	1.70E-02	6.03E-06	1.82E-05	1.05E-05	1.08E-05	9.77E-06	4.36E-06	4.25E-06	2.01E-07	4.86E-06	1.07E-06	1.46E-06	2.32E-06	4.00E-07	2.23E-06	1.26E-05
1247	489685.89	3859026.54	1.62E-02	1.66E-02	1.58E-02	5.62E-06	1.70E-05	9.82E-06	1.00E-05	9.11E-06	4.06E-06	3.96E-06	1.88E-07	4.53E-06	1.00E-06	1.36E-06	2.16E-06	3.73E-07	2.08E-06	1.17E-05
1248	489735.89	3859026.54	1.52E-02	1.56E-02	1.48E-02	5.27E-06	1.59E-05	9.21E-06	9.42E-06	8.54E-06	3.81E-06	3.71E-06	1.76E-07	4.25E-06	9.37E-07	1.28E-06	2.03E-06	3.49E-07	1.95E-06	1.10E-05
1249	489785.89	3859026.54	1.43E-02	1.47E-02	1.40E-02	4.96E-06	1.50E-05	8.67E-06	8.87E-06	8.04E-06	3.58E-06	3.50E-06	1.66E-07	4.00E-06	8.82E-07	1.20E-06	1.91E-06	3.29E-07	1.83E-06	1.03E-05
1250	489835.89	3859026.54	1.35E-02	1.38E-02	1.32E-02	4.67E-06	1.41E-05	8.17E-06	8.36E-06	7.58E-06	3.38E-06	3.30E-06	1.56E-07	3.77E-06	8.32E-07	1.14E-06	1.80E-06	3.10E-07	1.73E-06	9.73E-06
1251	489885.89	3859026.54	1.28E-02	1.31E-02	1.25E-02	4.42E-06	1.34E-05	7.73E-06	7.91E-06	7.17E-06	3.20E-06	3.12E-06	1.48E-07	3.57E-06	7.87E-07	1.07E-06	1.70E-06	2.94E-07	1.64E-06	9.21E-06
1252	489935.89	3859026.54	1.21E-02	1.24E-02	1.18E-02	4.20E-06	1.27E-05	7.33E-06	7.51E-06	6.81E-06	3.03E-06	2.96E-06	1.40E-07	3.38E-06	7.47E-07	1.02E-06	1.62E-06	2.78E-07	1.55E-06	8.74E-06
1253	489985.89	3859026.54	1.15E-02	1.18E-02	1.12E-02	3.99E-06	1.20E-05	6.97E-06	7.14E-06	6.47E-06	2.88E-06	2.81E-06	1.33E-07	3.22E-06	7.10E-07	9.69E-07	1.54E-06	2.65E-07	1.48E-06	8.31E-06
1254	490035.89	3859026.54	1.06E-02	1.09E-02	1.04E-02	3.68E-06	1.11E-05	6.43E-06	6.58E-06	5.96E-06	2.66E-06	2.59E-06	1.23E-07	2.97E-06	6.54E-07	8.93E-07	1.42E-06	2.44E-07	1.36E-06	7.66E-06
1255	489485.89	3859076.54	2.84E-02	2.90E-02	2.77E-02	9.82E-06	2.97E-05	1.72E-05	1.76E-05	1.59E-05	7.10E-06	6.92E-06	3.28E-07	7.92E-06	1.75E-06	2.39E-06	3.78E-06	6.52E-07	3.63E-06	2.05E-05
1256	489535.89	3859076.54	2.54E-02	2.60E-02	2.48E-02	8.81E-06	2.66E-05	1.54E-05	1.58E-05	1.43E-05	6.37E-06	6.21E-06	2.94E-07	7.11E-06	1.57E-06	2.14E-06	3.39E-06	5.84E-07	3.26E-06	1.83E-05
1257	489585.89	3859076.54	2.31E-02	2.36E-02	2.25E-02	7.99E-06	2.41E-05	1.40E-05	1.43E-05	1.30E-05	5.78E-06	5.63E-06	2.67E-07	6.44E-06	1.42E-06	1.94E-06	3.08E-06	5.30E-07	2.96E-06	1.66E-05
1258	489635.89	3859076.54	2.12E-02	2.17E-02	2.06E-02	7.32E-06	2.21E-05	1.28E-05	1.31E-05	1.19E-05	5.29E-06	5.16E-06	2.45E-07	5.91E-06	1.30E-06	1.78E-06	2.82E-06	4.86E-07	2.71E-06	1.53E-05
1259	489685.89	3859076.54	1.95E-02	2.00E-02	1.90E-02	6.76E-06	2.04E-05	1.18E-05	1.21E-05	1.10E-05	4.89E-06	4.77E-06	2.26E-07	5.45E-06	1.20E-06	1.64E-06	2.60E-06	4.48E-07	2.50E-06	1.41E-05
1260	489735.89	3859076.54	1.81E-02	1.86E-02	1.77E-02	6.28E-06	1.90E-05	1.10E-05	1.12E-05	1.02E-05	4.54E-06	4.43E-06	2.10E-07	5.06E-06	1.12E-06	1.53E-06	2.42E-06	4.17E-07	2.32E-06	1.31E-05
1261	489785.89	3859076.54	1.69E-02	1.73E-02	1.65E-02	5.86E-06	1.77E-05	1.02E-05	1.05E-05	9.51E-06	4.24E-06	4.13E-06	1.96E-07	4.73E-06	1.04E-06	1.42E-06	2.26E-06	3.89E-07	2.17E-06	1.22E-05
1262	489835.89	3859076.54	1.59E-02	1.62E-02	1.55E-02	5.49E-06	1.66E-05	9.59E-06	9.82E-06	8.90E-06	3.97E-06	3.87E-06	1.83E-07	4.43E-06	9.77E-07	1.33E-06	2.11E-06	3.64E-07	2.03E-06	1.14E-05
1263	489885.89	3859076.54	1.49E-02	1.52E-02	1.45E-02	5.16E-06	1.56E-05	9.01E-06	9.23E-06	8.36E-06	3.73E-06	3.64E-06	1.72E-07	4.16E-06	9.18E-07	1.25E-06	1.99E-06	3.42E-07	1.91E-06	1.07E-05
1264	489935.89	3859076.54	1.41E-02	1.44E-02	1.37E-02	4.87E-06	1.47E-05	8.51E-06	8.71E-06	7.89E-06	3.52E-06	3.43E-06	1.63E-07	3.93E-06	8.66E-07	1.18E-06	1.88E-06	3.23E-07	1.80E-06	1.01E-05
1265	489985.89	3859076.54	1.33E-02	1.36E-02	1.29E-02	4.59E-06	1.39E-05	8.03E-06	8.22E-06	7.45E-06	3.32E-06	3.24E-06	1.53E-07	3.70E-06	8.17E-07	1.12E-06	1.77E-06	3.05E-07	1.70E-06	9.56E-06
1266	490035.89	3859076.54	1.22E-02	1.25E-02	1.19E-02	4.23E-06	1.28E-05	7.39E-06	7.56E-06	6.85E-06	3.06E-06	2.98E-06	1.41E-07	3.41E-06	7.52E-07	1.03E-06	1.63E-06	2.80E-07	1.56E-06	8.80E-06
1267	489585.89	3859126.54	2.88E-02	2.95E-02	2.81E-02	9.98E-06	3.01E-05	1.74E-05	1.79E-05	1.62E-05	7.22E-06	7.04E-06	3.33E-07	8.05E-06	1.78E-06	2.42E-06	3.85E-06	6.62E-07	3.69E-06	2.08E-05
1268	489635.89	3859126.54	2.60E-02	2.66E-02	2.54E-02	9.01E-06	2.72E-05	1.57E-05	1.61E-05	1.46E-05	6.51E-06	6.35E-06	3.01E-07	7.26E-06	1.60E-06	2.19E-06	3.47E-06	5.98E-07	3.33E-06	1.88E-05
1269	489685.89	3859126.54	2.37E-02	2.42E-02	2.31E-02	8.20E-06	2.48E-05	1.43E-05	1.47E-05	1.33E-05	5.93E-06	5.78E-06	2.74E-07	6.61E-06	1.46E-06	1.99E-06	3.16E-06	5.44E-07	3.03E-06	1.71E-05
1270	489735.89	3859126.54	2.18E-02	2.23E-02	2.12E-02	7.53E-06	2.27E-05	1.32E-05	1.35E-05	1.22E-05	5.44E-06	5.31E-06	2.51E-07	6.07E-06	1.34E-06	1.83E-06	2.90E-06	5.00E-07	2.79E-06	1.57E-05
1271	489785.89	3859126.54	2.01E-02	2.06E-02	1.96E-02	6.96E-06	2.10E-05	1.22E-05	1.25E-05	1.13E-05	5.03E-06	4.91E-06	2.32E-07	5.62E-06	1.24E-06	1.69E-06	2.68E-06	4.62E-07	2.58E-06	1.45E-05
1272	489835.89	3859126.54	1.87E-02	1.91E-02	1.82E-02	6.46E-06	1.95E-05	1.13E-05	1.16E-05	1.05E-05	4.67E-06	4.56E-06	2.16E-07	5.21E-06	1.15E-06	1.57E-06	2.49E-06	4.29E-07	2.39E-06	1.35E-05
1273	489885.89	3859126.54	1.74E-02	1.78E-02	1.70E-02	6.02E-06	1.82E-05	1.05E-05	1.08E-05	9.77E-06	4.35E-06	4.25E-06	2.01E-07	4.86E-06	1.07E-06	1.46E-06	2.32E-06	4.00E-07	2.23E-06	1.25E-05
1274	489935.89	3859126.54	1.63E-02	1.67E-02	1.59E-02	5.65E-06	1.70E-05	9.87E-06	1.01E-05	9.16E-06	4.08E-06	3.98E-06	1.89E-07	4.55E-06	1.01E-06	1.37E-06	2.18E-06	3.75E-07	2.09E-06	1.18E-05
1275	489985.89	3859126.54	1.52E-02	1.56E-02	1.48E-02	5.26E-06	1.59E-05	9.20E-06	9.42E-06	8.54E-06	3.81E-06	3.71E-06	1.76E-07	4.25E-06	9.37E-07	1.28E-06	2.03E-06	3.49E-07	1.95E-06	1.10E-05
1276	490035.89	3859126.54	1.41E-02	1.44E-02	1.37E-02	4.87E-06	1.47E-05	8.52E-06	8.72E-06	7.90E-06	3.52E-06	3.44E-06	1.63E-07	3.93E-06	8.67E-07	1.18E-06	1.88E-06	3.23E-07	1.80E-06	1.01E-05
1277	489585.89	3859176.54	3.71E-02	3.80E-02	3.62E-02	1.29E-05	3.88E-05	2.25E-05	2.30E-05	2.09E-05	9.30E-06	9.07E-06	4.29E-07	1.04E-05	2.29E-06	3.12E-06	4.96E-06	8.53E-07	4.76E-06	2.68E-05
1278	489635.89	3859176.54	3.27E-02	3.35E-02	3.19E-02	1.13E-05	3.42E-05	1.98E-05	2.03E-05	1.84E-05	8.19E-06	7.99E-06	3.78E-07	9.14E-06	2.02E-06	2.75E-06	4.36E-06	7.51E-07	4.19E-06	2.36E-05
1279	489685.89	3859176.54	2.93E-02	2.99E-02	2.85E-02	1.01E-05	3.06E-05	1.77E-05	1.81E-05	1.64E-05	7.32E-06	7.14E-06	3.38E-07	8.17E-06	1.80E-06	2.46E-06	3.90E-06	6.72E-07	3.75E-06	2.11E-05
1280	489735.89	3859176.54	2.65E-02	2.71E-02	2.58E-02	9.16E-06	2.77E-05	1.60E-05	1.64E-05	1.49E-05	6.62E-06	6.46E-06	3.06E-07	7.39E-06	1.63E-06	2.23E-06	3.53E-06	6.08E-07	3.39E-06	1.91E-05
1281	489785.89	3859176.54	2.41E-02	2.47E-02	2.35E-02	8.35E-06	2.52E-05	1.46E-05	1.49E-05	1.35E-05	6.04E-06	5.89E-06	2.79E-07	6.74E-06	1.49E-06	2.03E-06	3.22E-06	5.54E-07	3.09E-06	1.74E-05
1282	489835.89	3859176.54	2.22E-02	2.27E-02	2.16E-02	7.67E-06	2.32E-05	1.34E-05	1.37E-05	1.24E-05	5.55E-06	5.41E-06	2.56E-07	6.19E-06	1.37E-06	1.86E-06	2.96E-06	5.09E-07	2.84E-06	1.60E-05
1283	489885.89	3859176.54	2.05E-02	2.10E-02	2.00E-02	7.09E-06	2.14E-05	1.24E-05	1.27E-05	1.15E-05	5.13E-06	5.00E-06	2.37E-07	5.72E-06	1.26E-06	1.72E-06	2.73E-06	4.70E-07	2.62E-06	1.48E-05
1284	489935.89	3859176.54	1.90E-02	1.95E-02	1.86E-02	6.59E-06	1.99E-05	1.15E-05	1.18E-05	1.07E-05	4.76E-06	4.64E-06	2.20E-07	5.31E-06	1.17E-06	1.60E-06	2.54E-06	4.37E-07	2.44E-06	1.37E-05
1285	489985.89	3859176.54	1.76E-02	1.80E-02	1.72E-02	6.10E-06	1.84E-05	1.07E-05	1.09E-05	9.89E-06	4.41E-06	4.30E-06	2.04E-07	4.92E-06	1.09E-06	1.48E-06	2.35E-06	4.04E-07	2.26E-06	1.27E-05
1286	490035.89	3859176.54	1.65E-02	1.69E-02	1.61E-02	5.72E-06	1.73E-05	9.99E-06	1.02E-05	9.27E-06	4.13E-06	4.03E-06	1.91E-07	4.61E-06	1.02E-06	1.39E-06	2.20E-06	3.79E-07	2.12E-06	1.19E-05
1287	489685.89	3859226.54	3.72E-02	3.81E-02	3.63E-02	1.29E-05	3.89E-05	2.25E-05	2.30E-05	2.09E-05	9.31E-06	9.08E-06	4.30E-07	1.04E-05	2.29E-06	3.13E-06	4.96E-06	8.55E-07	4.77E-06	2.68E-05
1288	489735.89	3859226.54	3.29E-02	3.37E-02	3.21E-02	1.14E-05	3.44E-05	1.99E-05	2.04E-05	1.85E-05	8.24E-06	8.03E-06	3.80E-07	9.19E-06	2.03E-06	2.77E-06	4.39E-06	7.56E-07	4.22E-06	2.37E-05
1289	489785.89	3859226.54	2.95E-02	3.02E-02	2.87E-02	1.02E-05	3.08E-05	1.78E-05	1.83E-05	1.65E-05	7.38E-06	7.19E-06	3.41E-07	8.23E-06	1.82E-06	2.48E-06	3.93E-06	6.77E-07	3.78E-06	2.12E-05
1290	489835.89	3859226.54	2.67E-02	2.73E-02	2.60E-02	9.23E-06	2.79E-05	1.61E-05	1.65E-05	1.50E-05	6.67E-06	6.51E-06	3.08E-07	7.44E-06	1.64E-06	2.24E-06	3.56E-06	6.12E-07	3.41E-06	1.92E-05
1291	489885.89	3859226.54	2.43E-02	2.49E-02	2.37E-02	8.42E-06	2.54E-05	1.47E-05	1.51E-05	1.37E-05	6.09E-06	5.94E-06	2.81E-07	6.79E-06	1.50E-06	2.05E-06	3.25E-06	5.59E-07	3.12E-06	1.75E-05
1292	489935.89	3859226.54	2.24E-02	2.29E-02	2.18E-02	7.74E-06	2.34E-05	1.35E-05	1.39E-05	1.26E-05	5.60E-06	5.46E-06	2.59E-07	6.25E-06	1.38E-06	1.88E-06	2.98E-06	5.14E-07	2.87E-06	1.61E-05
1293	489985.89	3859226.54	2.04E-02	2.09E-02	1.99E-02	7.07E-06	2.13E-05	1.24E-05	1.26E-05	1.15E-05	5.11E-06	4.98E-06	2.36E-07	5.70E-06	1.26E-06	1.72E-06	2.72E-06	4.69E-07	2.62E-06	1.47E-05
1294	490035.89	3859226.54	1.90E-02	1.95E-02	1.86E-02	6.59E-06	1.99E-05	1.15E-05	1.18E-05	1.07E-05	4.77E-06	4.65E-06	2.20E-07	5.32E-06	1.17E-06	1.60E-06	2.54E-06	4.37E-07	2.44E-06	1.37E-05
1295	489735.89	3859276.54	4.26E-02	4.36E-02	4.16E-02	1.48E-05	4.46E-05	2.58E-05	2.64E-05	2.39E-05	1.07E-05	1.04E-05	4.93E-07	1.19E-05	2.63E-06	3.59E-06	5.69E-06	9.79E-07	5.46E-06	3.07E-05
1296	489785.89	3859276.54	3.71E-02	3.80E-02	3.62E-02	1.29E-05	3.88E-05	2.25E-05	2.30E-05	2.08E-05	9.29E-06	9.06E-06	4.29E-07	1.04E-05	2.29E-06	3.12E-06	4.95E-06	8.53E-07	4.76E-06	2.68E-05
1297	489835.89	3859276.54	3.28E-02	3.36E-02	3.20E-02	1.14E-05	3.43E-05	1.99E-05	2.03E-05	1.84E-05	8.22E-06	8.02E-06	3.80E-07	9.17E-06	2.02E-06	2.76E-06	4.38E-06	7.54E-07	4.21E-06	2.37E-05
1298	489885.89	3859276.54	2.95E-02	3.02E-02	2.88E-02	1.02E-05	3.08E-05	1.78E-05	1.83E-05	1.66E-05	7.38E-06	7.20E-06	3.41E-07	8.23E-06	1.82E-06	2.48E-06	3.93E-06	6.77E-07	3.78E-06	2.13E-05
1299	489935.89	3859276.54	2.67E-02	2.73E-02	2.60E-02	9.23E-06	2.79E-05	1.61E-05	1.65E-05	1.50E-05	6.67E-06	6.51E-06	3.08E-07	7.45E-06	1.64E-06	2.24E-06	3.56E-06	6.13E-07	3.42E-06	1.92E-05
1300	489985.89	3859276.54	2.39E-02	2.45E-02	2.34E-02	8.29E-06	2.50E-05	1.45E-05	1.48E-05	1.34E-05	5.99E-06	5.85E-06	2.77E-07	6.69E-06	1.48E-06	2.01E-06	3.19E-06	5.50E-07	3.07E-06	1.73E-05
1301	490035.89	3859276.54	2.23E-02	2.28E-02	2.18E-02	7.72E-06	2.33E-05	1.35E-05	1.38E-05	1.25E-05	5.58E-06	5.45E-06	2.58E-07	6.23E-06	1.37E-06	1.88E-06	2.98E-06	5.13E-07	2.86E-06	1.61E-05
1302	490458.06	3859590.74	3.77E-02	3.86E-02	3.68E-02	1.31E-05	3.94E-05	2.28E-05	2.34E-05	2.12E-05	9.44E-06	9.21E-06	4.36E-07	1.05E-05	2.32E-06	3.17E-06	5.03E-06	8.66E-07	4.83E-06	2.72E-05
1303	490508.06	3859590.74	3.37E-02	3.45E-02	3.29E-02	1.17E-05	3.52E-05	2.04E-05	2.09E-05	1.89E-05	8.44E-06	8.23E-06	3.90E-07	9.41E-06	2.08E-06	2.84E-06	4.50E-06	7.74E-07	4.32E-06	2.43E-05
1304	490558.06	3859590.74	2.99E-02	3.06E-02	2.92E-02	1.04E-05	3.13E-05	1.81E-05	1.85E-05	1.68E-05	7.49E-06	7.30E-06	3.46E-07	8.35E-06	1.84E-06	2.52E-06	3.99E-06	6.87E-07	3.83E-06	2.16E-05
1305	490608.06	3859590.74	2.69E-02	2.76E-02	2.63E-02	9.32E-06	2.81E-05	1.63E-05	1.67E-05	1.51E-05	6.74E-06	6.57E-06	3.11E-07	7.52E-06	1.66E-06	2.26E-06	3.59E-06	6.18E-07	3.45E-06	1.94E-05
1306	490658.06	3859590.74	2.44E-02	2.49E-02	2.38E-02	8.43E-06	2.55E-05	1.47E-05	1.51E-05	1.37E-05	6.10E-06	5.95E-06	2.82E-07	6.80E-06	1.50E-06	2.05E-06	3.25E-06	5.60E-07	3.12E-06	1.76E-05

1307	490708.06	3859590.74	2.22E-02	2.27E-02	2.16E-02	7.67E-06	2.32E-05	1.34E-05	1.37E-05	1.24E-05	5.55E-06	5.41E-06	2.56E-07	6.19E-06	1.37E-06	1.86E-06	2.96E-06	5.09E-07	2.84E-06	1.60E-05
1308	490758.06	3859590.74	2.01E-02	2.06E-02	1.96E-02	6.96E-06	2.10E-05	1.22E-05	1.25E-05	1.13E-05	5.03E-06	4.91E-06	2.32E-07	5.61E-06	1.24E-06	1.69E-06	2.68E-06	4.62E-07	2.58E-06	1.45E-05
1309	490808.06	3859590.74	1.85E-02	1.90E-02	1.81E-02	6.41E-06	1.94E-05	1.12E-05	1.15E-05	1.04E-05	4.64E-06	4.52E-06	2.14E-07	5.17E-06	1.14E-06	1.56E-06	2.47E-06	4.25E-07	2.37E-06	1.34E-05
1310	490858.06	3859590.74	1.70E-02	1.75E-02	1.66E-02	5.90E-06	1.78E-05	1.03E-05	1.06E-05	9.57E-06	4.27E-06	4.16E-06	1.97E-07	4.76E-06	1.05E-06	1.43E-06	2.27E-06	3.92E-07	2.18E-06	1.23E-05
1311	490458.06	3859640.74	5.27E-02	5.39E-02	5.14E-02	1.82E-05	5.51E-05	3.19E-05	3.26E-05	2.96E-05	1.32E-05	1.29E-05	6.09E-07	1.47E-05	3.25E-06	4.43E-06	7.03E-06	1.21E-06	6.75E-06	3.80E-05
1312	490508.06	3859640.74	4.57E-02	4.68E-02	4.46E-02	1.58E-05	4.78E-05	2.77E-05	2.83E-05	2.57E-05	1.14E-05	1.12E-05	5.28E-07	1.28E-05	2.82E-06	3.84E-06	6.10E-06	1.05E-06	5.85E-06	3.29E-05
1313	490558.06	3859640.74	4.01E-02	4.10E-02	3.91E-02	1.39E-05	4.19E-05	2.43E-05	2.48E-05	2.25E-05	1.00E-05	9.78E-06	4.63E-07	1.12E-05	2.47E-06	3.37E-06	5.35E-06	9.21E-07	5.14E-06	2.89E-05
1314	490608.06	3859640.74	3.50E-02	3.58E-02	3.41E-02	1.21E-05	3.66E-05	2.12E-05	2.17E-05	1.97E-05	8.76E-06	8.55E-06	4.05E-07	9.78E-06	2.16E-06	2.94E-06	4.67E-06	8.04E-07	4.49E-06	2.52E-05
1315	490658.06	3859640.74	3.05E-02	3.12E-02	2.98E-02	1.06E-05	3.19E-05	1.85E-05	1.89E-05	1.71E-05	7.63E-06	7.45E-06	3.53E-07	8.52E-06	1.88E-06	2.57E-06	4.07E-06	7.01E-07	3.91E-06	2.20E-05
1316	490708.06	3859640.74	2.73E-02	2.79E-02	2.66E-02	9.44E-06	2.85E-05	1.65E-05	1.69E-05	1.53E-05	6.82E-06	6.66E-06	3.15E-07	7.61E-06	1.68E-06	2.29E-06	3.64E-06	6.26E-07	3.49E-06	1.97E-05
1317	490758.06	3859640.74	2.44E-02	2.50E-02	2.38E-02	8.46E-06	2.55E-05	1.48E-05	1.51E-05	1.37E-05	6.12E-06	5.96E-06	2.82E-07	6.82E-06	1.51E-06	2.05E-06	3.26E-06	5.61E-07	3.13E-06	1.76E-05
1318	490808.06	3859640.74	2.24E-02	2.29E-02	2.18E-02	7.76E-06	2.34E-05	1.36E-05	1.39E-05	1.26E-05	5.61E-06	5.47E-06	2.59E-07	6.26E-06	1.38E-06	1.88E-06	2.99E-06	5.15E-07	2.87E-06	1.62E-05
1319	490858.06	3859640.74	2.06E-02	2.11E-02	2.01E-02	7.15E-06	2.16E-05	1.25E-05	1.28E-05	1.16E-05	5.17E-06	5.04E-06	2.39E-07	5.76E-06	1.27E-06	1.74E-06	2.75E-06	4.74E-07	2.64E-06	1.49E-05
1320	490608.06	3859690.74	4.87E-02	4.98E-02	4.75E-02	1.69E-05	5.09E-05	2.95E-05	3.02E-05	2.73E-05	1.22E-05	1.19E-05	5.63E-07	1.36E-05	3.00E-06	4.09E-06	6.49E-06	1.12E-06	6.24E-06	3.51E-05
1321	490658.06	3859690.74	4.08E-02	4.18E-02	3.98E-02	1.41E-05	4.27E-05	2.47E-05	2.53E-05	2.29E-05	1.02E-05	9.97E-06	4.72E-07	1.14E-05	2.52E-06	3.43E-06	5.45E-06	9.38E-07	5.23E-06	2.94E-05
1322	490708.06	3859690.74	3.52E-02	3.61E-02	3.44E-02	1.22E-05	3.68E-05	2.13E-05	2.18E-05	1.98E-05	8.82E-06	8.60E-06	4.07E-07	9.84E-06	2.17E-06	2.96E-06	4.70E-06	8.10E-07	4.52E-06	2.54E-05
1323	490758.06	3859690.74	3.08E-02	3.15E-02	3.00E-02	1.07E-05	3.22E-05	1.86E-05	1.91E-05	1.73E-05	7.71E-06	7.52E-06	3.56E-07	8.60E-06	1.90E-06	2.59E-06	4.11E-06	7.07E-07	3.94E-06	2.22E-05
1324	490808.06	3859690.74	2.76E-02	2.82E-02	2.69E-02	9.55E-06	2.88E-05	1.67E-05	1.71E-05	1.55E-05	6.90E-06	6.73E-06	3.19E-07	7.70E-06	1.70E-06	2.32E-06	3.68E-06	6.34E-07	3.53E-06	1.99E-05
1325	490858.06	3859690.74	2.56E-02	2.62E-02	2.49E-02	8.85E-06	2.67E-05	1.55E-05	1.58E-05	1.44E-05	6.40E-06	6.24E-06	2.96E-07	7.14E-06	1.58E-06	2.15E-06	3.41E-06	5.87E-07	3.28E-06	1.84E-05
1326	490708.06	3859740.74	5.10E-02	5.22E-02	4.98E-02	1.77E-05	5.33E-05	3.09E-05	3.16E-05	2.87E-05	1.28E-05	1.25E-05	5.90E-07	1.43E-05	3.14E-06	4.29E-06	6.81E-06	1.17E-06	6.54E-06	3.68E-05
1327	490758.06	3859740.74	4.35E-02	4.46E-02	4.25E-02	1.51E-05	4.55E-05	2.63E-05	2.70E-05	2.44E-05	1.09E-05	1.06E-05	5.03E-07	1.22E-05	2.68E-06	3.66E-06	5.81E-06	1.00E-06	5.58E-06	3.14E-05
1328	490808.06	3859740.74	3.76E-02	3.85E-02	3.67E-02	1.30E-05	3.93E-05	2.28E-05	2.33E-05	2.11E-05	9.41E-06	9.18E-06	4.35E-07	1.05E-05	2.32E-06	3.16E-06	5.02E-06	8.64E-07	4.82E-06	2.71E-05
1329	490858.06	3859740.74	3.35E-02	3.43E-02	3.26E-02	1.16E-05	3.50E-05	2.03E-05	2.07E-05	1.88E-05	8.38E-06	8.17E-06	3.87E-07	9.35E-06	2.06E-06	2.81E-06	4.47E-06	7.69E-07	4.29E-06	2.41E-05
1330	490786.56	3859749.39	4.29E-02	4.39E-02	4.18E-02	1.48E-05	4.48E-05	2.59E-05	2.66E-05	2.41E-05	1.07E-05	1.05E-05	4.96E-07	1.20E-05	2.64E-06	3.61E-06	5.72E-06	9.85E-07	5.49E-06	3.09E-05
1331	490836.56	3859749.39	3.70E-02	3.79E-02	3.61E-02	1.28E-05	3.87E-05	2.24E-05	2.29E-05	2.08E-05	9.27E-06	9.04E-06	4.28E-07	1.03E-05	2.28E-06	3.12E-06	4.94E-06	8.51E-07	4.75E-06	2.67E-05
1332	490786.56	3859799.39	6.72E-02	6.88E-02	6.56E-02	2.33E-05	7.03E-05	4.07E-05	4.16E-05	3.77E-05	1.68E-05	1.64E-05	7.77E-07	1.88E-05	4.14E-06	5.65E-06	8.97E-06	1.54E-06	8.61E-06	4.85E-05
1333	490836.56	3859799.39	5.53E-02	5.66E-02	5.39E-02	1.91E-05	5.78E-05	3.34E-05	3.42E-05	3.10E-05	1.38E-05	1.35E-05	6.39E-07	1.54E-05	3.40E-06	4.65E-06	7.37E-06	1.27E-06	7.08E-06	3.98E-05
1334	492307.84	3854508.36	8.30E-04	8.50E-04	8.10E-04	2.87E-07	8.68E-07	5.02E-07	5.14E-07	4.66E-07	2.08E-07	2.03E-07	9.60E-09	2.32E-07	5.12E-08	6.98E-08	1.11E-07	1.91E-08	1.06E-07	5.99E-07
1335	486445.7	3854753.6	1.03E-03	1.06E-03	1.01E-03	3.58E-07	1.08E-06	6.26E-07	6.41E-07	5.81E-07	2.59E-07	2.53E-07	1.20E-08	2.89E-07	6.38E-08	8.70E-08	1.38E-07	2.38E-08	1.33E-07	7.46E-07
1336	472599.75	3877830.11	6.65E-05	6.81E-05	6.49E-05	2.30E-08	6.95E-08	4.02E-08	4.12E-08	3.73E-08	1.66E-08	1.62E-08	7.69E-10	1.86E-08	4.10E-09	5.59E-09	8.87E-09	1.53E-09	8.52E-09	4.79E-08
1337	493107.48	3866840.19	1.71E-04	1.75E-04	1.67E-04	5.91E-08	1.79E-07	1.03E-07	1.06E-07	9.59E-08	4.28E-08	4.17E-08	1.97E-09	4.77E-08	1.05E-08	1.44E-08	2.28E-08	3.92E-09	2.19E-08	1.23E-07
1338	495815.8	3861662.87	1.05E-03	1.08E-03	1.03E-03	3.64E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.63E-07	2.57E-07	1.22E-08	2.94E-07	6.48E-08	8.85E-08	1.40E-07	2.42E-08	1.35E-07	7.59E-07
1339	480272.33	3841389.2	3.79E-05	3.87E-05	3.69E-05	1.31E-08	3.96E-08	2.29E-08	2.34E-08	2.13E-08	9.47E-09	9.24E-09	4.38E-10	1.06E-08	2.33E-09	3.18E-09	5.05E-09	8.69E-10	4.85E-09	2.73E-08
1340	497005.18	3862813.64	5.88E-04	6.02E-04	5.74E-04	2.04E-07	6.15E-07	3.56E-07	3.64E-07	3.30E-07	1.47E-07	1.44E-07	6.80E-09	1.64E-07	3.62E-08	4.95E-08	7.85E-08	1.35E-08	7.54E-08	4.24E-07
1341	493677.33	3860302.55	4.48E-03	4.58E-03	4.36E-03	1.55E-06	4.68E-06	2.71E-06	2.77E-06	2.51E-06	1.12E-06	1.09E-06	5.17E-08	1.25E-06	2.76E-07	3.76E-07	5.97E-07	1.03E-07	5.73E-07	3.23E-06
1342	493727.33	3860302.55	4.36E-03	4.46E-03	4.25E-03	1.51E-06	4.56E-06	2.64E-06	2.70E-06	2.45E-06	1.09E-06	1.06E-06	5.04E-08	1.22E-06	2.69E-07	3.67E-07	5.82E-07	1.00E-07	5.58E-07	3.14E-06
1343	493777.33	3860302.55	4.25E-03	4.35E-03	4.14E-03	1.47E-06	4.44E-06	2.57E-06	2.63E-06	2.38E-06	1.06E-06	1.04E-06	4.91E-08	1.19E-06	2.62E-07	3.57E-07	5.66E-07	9.75E-08	5.44E-07	3.06E-06
1344	493827.33	3860302.55	4.14E-03	4.23E-03	4.03E-03	1.43E-06	4.32E-06	2.50E-06	2.56E-06	2.32E-06	1.04E-06	1.01E-06	4.78E-08	1.16E-06	2.55E-07	3.48E-07	5.52E-07	9.50E-08	5.30E-07	2.98E-06
1345	493877.33	3860302.55	4.04E-03	4.14E-03	3.94E-03	1.40E-06	4.22E-06	2.44E-06	2.50E-06	2.27E-06	1.01E-06	9.86E-07	4.67E-08	1.13E-06	2.49E-07	3.40E-07	5.39E-07	9.28E-08	5.18E-07	2.91E-06
1346	493927.33	3860302.55	3.95E-03	4.04E-03	3.85E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	9.88E-07	9.64E-07	4.56E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.07E-08	5.06E-07	2.85E-06
1347	493977.33	3860302.55	3.83E-03	3.92E-03	3.74E-03	1.33E-06	4.00E-06	2.32E-06	2.37E-06	2.15E-06	9.59E-07	9.35E-07	4.43E-08	1.07E-06	2.36E-07	3.22E-07	5.11E-07	8.80E-08	4.91E-07	2.76E-06
1348	494027.33	3860302.55	3.73E-03	3.82E-03	3.64E-03	1.29E-06	3.90E-06	2.26E-06	2.31E-06	2.09E-06	9.34E-07	9.11E-07	4.31E-08	1.04E-06	2.30E-07	3.14E-07	4.98E-07	8.57E-08	4.78E-07	2.69E-06
1349	493677.33	3860352.55	4.41E-03	4.52E-03	4.30E-03	1.53E-06	4.61E-06	2.67E-06	2.73E-06	2.48E-06	1.10E-06	1.08E-06	5.10E-08	1.23E-06	2.72E-07	3.71E-07	5.89E-07	1.01E-07	5.65E-07	3.18E-06
1350	493727.33	3860352.55	4.30E-03	4.40E-03	4.20E-03	1.49E-06	4.50E-06	2.60E-06	2.66E-06	2.42E-06	1.08E-06	1.05E-06	4.97E-08	1.20E-06	2.65E-07	3.62E-07	5.74E-07	9.88E-08	5.51E-07	3.10E-06
1351	493777.33	3860352.55	4.20E-03	4.29E-03	4.09E-03	1.45E-06	4.39E-06	2.54E-06	2.60E-06	2.36E-06	1.05E-06	1.02E-06	4.85E-08	1.17E-06	2.58E-07	3.53E-07	5.60E-07	9.64E-08	5.37E-07	3.02E-06
1352	493827.33	3860352.55	4.09E-03	4.19E-03	3.99E-03	1.42E-06	4.28E-06	2.48E-06	2.54E-06	2.30E-06	1.02E-06	9.99E-07	4.73E-08	1.14E-06	2.52E-07	3.44E-07	5.46E-07	9.40E-08	5.24E-07	2.95E-06
1353	493877.33	3860352.55	3.99E-03	4.09E-03	3.89E-03	1.38E-06	4.17E-06	2.41E-06	2.47E-06	2.24E-06	9.99E-07	9.74E-07	4.61E-08	1.11E-06	2.46E-07	3.36E-07	5.32E-07	9.17E-08	5.11E-07	2.88E-06
1354	493927.33	3860352.55	3.89E-03	3.98E-03	3.79E-03	1.35E-06	4.07E-06	2.35E-06	2.41E-06	2.18E-06	9.74E-07	9.49E-07	4.50E-08	1.09E-06	2.40E-07	3.27E-07	5.19E-07	8.93E-08	4.98E-07	2.80E-06
1355	493977.33	3860352.55	3.79E-03	3.88E-03	3.69E-03	1.31E-06	3.96E-06	2.29E-06	2.35E-06	2.13E-06	9.48E-07	9.24E-07	4.38E-08	1.06E-06	2.33E-07	3.18E-07	5.05E-07	8.70E-08	4.85E-07	2.73E-06
1356	494027.33	3860352.55	3.70E-03	3.79E-03	3.61E-03	1.28E-06	3.87E-06	2.24E-06	2.29E-06	2.08E-06	9.26E-07	9.03E-07	4.28E-08	1.03E-06	2.28E-07	3.11E-07	4.94E-07	8.50E-08	4.74E-07	2.67E-06
1357	493677.33	3860402.55	4.34E-03	4.44E-03	4.23E-03	1.50E-06	4.53E-06	2.62E-06	2.69E-06	2.43E-06	1.09E-06	1.06E-06	5.01E-08	1.21E-06	2.67E-07	3.65E-07	5.79E-07	9.96E-08	5.56E-07	3.13E-06
1358	493727.33	3860402.55	4.23E-03	4.33E-03	4.12E-03	1.46E-06	4.42E-06	2.56E-06	2.62E-06	2.37E-06	1.06E-06	1.03E-06	4.89E-08	1.18E-06	2.60E-07	3.56E-07	5.64E-07	9.71E-08	5.42E-07	3.05E-06
1359	493777.33	3860402.55	4.11E-03	4.21E-03	4.01E-03	1.42E-06	4.30E-06	2.49E-06	2.55E-06	2.31E-06	1.03E-06	1.00E-06	4.75E-08	1.15E-06	2.53E-07	3.46E-07	5.48E-07	9.44E-08	5.27E-07	2.96E-06
1360	493827.33	3860402.55	4.02E-03	4.11E-03	3.92E-03	1.39E-06	4.20E-06	2.43E-06	2.49E-06	2.25E-06	1.01E-06	9.80E-07	4.64E-08	1.12E-06	2.47E-07	3.38E-07	5.36E-07	9.22E-08	5.15E-07	2.90E-06
1361	493877.33	3860402.55	3.92E-03	4.01E-03	3.82E-03	1.36E-06	4.10E-06	2.37E-06	2.43E-06	2.20E-06	9.81E-07	9.57E-07	4.53E-08	1.09E-06	2.42E-07	3.30E-07	5.23E-07	9.01E-08	5.02E-07	2.83E-06
1362	493927.33	3860402.55	3.82E-03	3.91E-03	3.73E-03	1.32E-06	3.99E-06	2.31E-06	2.37E-06	2.15E-06	9.56E-07	9.33E-07	4.42E-08	1.07E-06	2.35E-07	3.21E-07	5.10E-07	8.78E-08	4.89E-07	2.75E-06
1363	493977.33	3860402.55	3.72E-03	3.81E-03	3.63E-03	1.29E-06	3.89E-06	2.25E-06	2.31E-06	2.09E-06	9.32E-07	9.09E-07	4.30E-08	1.04E-06	2.29E-07	3.13E-07	4.97E-07	8.55E-08	4.77E-07	2.68E-06
1364	494027.33	3860402.55	3.64E-03	3.73E-03	3.55E-03	1.26E-06	3.81E-06	2.20E-06	2.26E-06	2.04E-06	9.12E-07	8.89E-07	4.21E-08	1.02E-06	2.24E-07	3.06E-07	4.86E-07	8.37E-08	4.67E-07	2.63E-06
1365	493677.33	3860452.55	4.23E-03	4.33E-03	4.13E-03	1.47E-06	4.42E-06	2.56E-06	2.62E-06	2.38E-06	1.06E-06	1.03E-06	4.89E-08	1.18E-06	2.61E-07	3.56E-07	5.65E-07	9.72E-08	5.42E-07	3.05E-06
1366	493727.33	3860452.55	4.14E-03	4.23E-03	4.03E-03	1.43E-06	4.32E-06	2.50E-06	2.56E-06	2.32E-06	1.03E-06	1.01E-06	4.78E-08	1.15E-06	2.55E-07	3.48E-07	5.52E-07	9.50E-08	5.30E-07	2.98E-06
1367	493777.33	3860452.55	4.03E-03	4.13E-03	3.93E-03	1.40E-06	4.22E-06	2.44E-06	2.50E-06	2.26E-06	1.01E-06	9.85E-07	4.66E-08	1.13E-06	2.49E-07	3.39E-07	5.38E-07	9.26E-08	5.17E-07	2.91E-06
1368	493827.33	3860452.55	3.93E-03	4.02E-03	3.83E-03	1.36E-06	4.11E-06	2.38E-06	2.43E-06	2.21E-06	9.84E-07	9.60E-07	4.54E-08	1.10E-06	2.42E-07	3.31E-07	5.24E-07	9.03E-08	5.04E-07	2.83E-06
1369	493877.33	3860452.55	3.83E-03	3.93E-03	3.74E-03	1.33E-06	4.01E-06	2.32E-06	2.37E-06	2.15E-06	9.60E-07	9.36E-07	4.43E-08	1.07E-06	2.36E-07	3.22E-07	5.12E-07	8.81E-08	4.91E-07	2.76E-06
1370	493927.33	3860452.55	3.73E-03	3.82E-03	3.64E-03	1.29E-06	3.90E-06	2.26E-06	2.31E-06	2.10E-06	9.34E-07	9.11E-07	4.32E-08	1.04E-06	2.30E-07	3.14E-07	4.98E-07	8.57E-08	4.78E-07	2.69E-06
1371	493977.33	3860452.55	3.65E-03	3.74E-03	3.56E-03	1.26E-06	3.81E-06	2.21E-06	2.26E-06	2.05E-06	9.13E-07	8.91E-07	4.22E-08	1.02E-06	2.25E-07	3.07E-07	4.87E-07	8.38E-08	4.67E-07	2.63E-06
1372	494027.33	3860452.55	3.57E-03	3.65E-03	3.48E-03	1.24E-06	3.73E-06	2.16E-06	2.21E-06	2.00E-06	8.93E-07	8.71E-07	4.13E-08	9.96E-07	2.20E-07	3.00E-07	4.76E-07	8.20E-08	4.57E-07	2.57E-06
1373	493677.33	3860502.55	4.11E-03	4.21E-03	4.01E-03	1.42E-06	4.30E-06	2.49E-06	2.55E-06	2.31E-06	1.03E-06	1.00E-06	4.76E-08	1.15E-06	2.54E-07	3.46E-07	5.49E-07	9.45E-08	5.27E-07	2.97E-06
1374	493727.33	3860502.55	4.02E-03	4.11E-03	3.92E-03	1.39E-06	4.20E-06	2.43E-06	2.49E-06	2.26E-06	1.01E-06	9.81E-07	4.64E-08	1.12E-06	2.48E-07	3.38E-07	5.36E-07	9.23E-08	5.15E-07	2.90E-06
1375	493777.33	3860502.55	3.92E-03	4.01E-03	3.82E-03	1.36E-06	4.10E-06	2.37E-06	2.43E-06	2.20E-06	9.81E-07	9.57E-07	4.53E-08	1.09E-06	2.42E-07	3.30E-07	5.23E-07	9.01E-08	5.02E-07	2.83E-06
1376	493827.33	3860502.55	3.83E-03	3.92E-03	3.73E-03	1.33E-06	4.00E-06	2.32E-06	2.37E-06	2.15E-06	9.58E-07	9.35E-07	4.43E-08	1.07E-06	2.36E-07	3.22E-07	5.11E-07	8.80E-08	4.91E-07	2.76E-06
1377	493877.33	3860502.55	3.74E-03	3.83E-03	3.65E-03	1.29E-06	3.91E-06	2.26E-06	2.32E-06	2.10E-06	9.36E-07	9.13E-07	4.32E-08	1.04E-06	2.30E-07	3.14E-07	4.99E-07	8.59E-08	4.79E-07	2.70E-06
1378	493927.33	3860502.55	3.65E-03	3.73E-03	3.56E-03	1.26E-06	3.81E-06	2.21E-06	2.26E-06	2.05E-06	9.13E-07	8.90E-07	4.22E-08	1.02E-06	2.25E-07	3.07E-07	4.87E-07	8.38E-08	4.67E-07	2.63E-06
1379	493977.33	3860502.55	3.57E-03	3.65E-03	3.48E-03	1.24E-06	3.73E-06	2.16E-06	2.21E-06	2.00E-06	8.93E-07	8.71E-07	4.12E-08	9.96E-07	2.20E-07	3.00E-07	4.76E-07	8.20E-08	4.57E-07	2.57E-06
1380	494027.33	3860502.55	3.49E-03	3.57E-03	3.40E-03	1.21E-06	3.65E-06	2.11E-06	2.16E-06	1.96E-06	8.73E-07	8.52E-07	4.03E-08	9.74E-07	2.15E-07	2.93E-07	4.66E-07	8.02E-08	4.47E-07	2.52E-06
1381	493627.33	3860552.55	4.08E-03	4.18E-03	3.98E-03	1.41E-06	4.27E-06	2.47E-06	2.53E-06	2.29E-06	1.02E-06	9.96E-07	4.72E-08	1.14E-06	2.51E-07	3.43E-07	5.44E-07	9.37E-08	5.23E-07	2.94E-06
1382	493677.33	3860552.55	3.98E-03	4.07E-03	3.88E-03	1.38E-06	4.16E-06	2.41E-06	2.47E-06	2.24E-06	9.96E-07	9.72E-07	4.60E-08	1.11E-06	2.45E-07	3.35E-07	5.31E-07	9.14E-08	5.10E-07	2.87E-06
1383	493727.33	3860552.55	3.89E-03	3.98E-03	3.79E-03	1.35E-06	4.06E-06	2.35E-06	2.41E-06	2.18E-06	9.73E-07	9.49E-07	4.49E-08	1.09E-06	2.39E-07	3.27E-07	5.18E-07	8.93E-08	4.98E-07	2.80E-06
1384	493777.33	3860552.55	3.80E-03	3.89E-03	3.70E-03	1.31E-06	3.97E-06	2.30E-06	2.35E-06	2.13E-06	9.50E-07	9.27E-07	4.39E-08	1.06E-06	2.34E-07	3.19E-07	5.06E-07	8.72E-08	4.86E-07	2.74E-06
1385	493827.33	3860552.55	3.71E-03	3.80E-03	3.62E-03	1.28E-06	3.88E-06	2.25E-06	2.30E-06	2.08E-06	9.29E-07	9.06E-07	4.29E-08	1.04E-06	2.29E-07	3.12E-07	4.95E-07	8.52E-08	4.75E-07	2.68E-06
1386	493877.33	3860552.55	3.63E-03	3.72E-03	3.54E-03	1.26E-06	3.79E-06	2.20E-06	2.25E-06	2.04E-06	9.08E-07	8.86E-07	4.20E-08	1.01E-06	2.24E-07	3.05E-07	4.84E-07	8.34E-08	4.65E-07	2.62E-06
1387	493927.33	3860552.55	3.55E-03	3.63E-03	3.46E-03	1.23E-06	3.71E-06	2.15E-06	2.20E-06	1.99E-06	8.88E-07	8.66E-07	4.10E-08	9.91E-07	2.19E-07	2.98E-07	4.73E-07	8.15E-08	4.55E-07	2.56E-06
1388	493977.33	3860552.55	3.47E-03	3.55E-03	3.39E-03	1.20E-06	3.63E-06	2.10E-06	2.15E-06	1.95E-06	8.69E-07	8.47E-07	4.01E-08	9.69E-07	2.14E-07	2.92E-07	4.63E-07	7.97E-08	4.45E-07	2.50E-06
1389	494027.33	3860552.55	3.40E-03	3.48E-03	3.31E-03	1.18E-06	3.55E-06	2.06E-06	2.10E-06	1.91E-06	8.51E-07	8.30E-07	3.93E-08	9.49E-07	2.09E-07	2.86E-07	4.53E-07	7.81E-08	4.35E-07	2.45E-06
1390	493627.33	3860602.55	3.93E-03	4.02E-03	3.83E-03	1.36E-06	4.10E-06	2.38E-06	2.43E-06	2.20E-06	9.82E-07	9.58E-07	4.54E-08	1.10E-06	2.42E-07	3.30E-07	5.24E-07	9.02E-08	5.03E-07	2.83E-06
1391	493727.33	3860602.55	3.73E-03	3.82E-03	3.64E-03	1.29E-06	3.90E-06	2.26E-06	2.31E-06	2.10E-06	9.35E-07	9.12E-07	4.32E-08	1.04E-06	2.30E-07	3.14E-07	4.98E-07	8.58E-08	4.78E-07	2.69E-06
1392	493777.33	3860602.55	3.66E-03	3.74E-03	3.57E-03	1.27E-06	3.82E-06	2.21E-06	2.27E-06	2.05E-06	9.16E-07	8.93E-07	4.23E-08	1.02E-06	2.25E-07	3.08E-07	4.88E-07	8.40E-08	4.69E-07	2.64E-06
1393	493827.33	3860602.55	3.58E-03	3.66E-03	3.49E-03	1.24E-06	3.74E-06	2.17E-06	2.22E-06	2.01E-06	8.96E-07	8.74E-07	4.14E-08	1.00E-06	2.21E-07	3.01E-07	4.78E-07	8.22E-08	4.59E-07	2.58E-06
1394	493877.33	3860602.55	3.51E-03	3.59E-03	3.42E-03	1.21E-06	3.67E-06	2.12E-06	2.17E-06	1.97E-06	8.78E-07	8.56E-07	4.06E-08	9.80E-07	2.16E-07	2.95E-07	4.68E-07	8.06E-08	4.49E-07	2.53E-06
1395	493927.33	3860602.55	3.44E-03	3.52E-03	3.35E-03	1.19E-06	3.59E-06	2.08E-06	2.13E-06	1.93E-06	8.60E-07	8.38E-07	3.97E-08	9.59E-07	2.12E-07	2.89E-07	4.58E-07	7.89E-08	4.40E-07	2.48E-06
1396	493977.33	3860602.55	3.36E-03	3.44E-03	3.28E-03	1.16E-06	3.52E-06	2.04E-06	2.08E-06	1.89E-06	8.42E-07	8.21E-07	3.89E-08	9.40E-07	2.07E-07	2.83E-07	4.49E-07	7.73E-08	4.31E-07	2.43E-06
1397	494027.33	3860602.55	3.30E-03	3.37E-03	3.22E-03	1.14E-06	3.45E-06	1.99E-06	2.04E-06	1.85E-06	8.25E-07	8.05E-07	3.81E-08	9.21E-07	2.03E-07	2.77E-07	4.40E-07	7.57E-08	4.22E-07	2.38E-06
1398	493627.33	3860652.55	3.76E-03	3.85E-03	3.67E-03	1.30E-06	3.93E-06	2.27E-06	2.33E-06	2.11E-06	9.41E-07	9.17E-07	4.34E-08	1.05E-06	2.32E-07	3.16E-07	5.01E-07	8.63E-08	4.81E-07	2.71E-06
1399	493727.33	3860652.55	3.58E-03	3.67E-03	3.49E-03	1.24E-06	3.74E-06	2.17E-06	2.22E-06	2.01E-06	8.97E-07	8.74E-07	4.14E-08	1.00E-06	2.21E-07	3.01E-07	4.78E-07	8.23E-08	4.59E-07	2.58E-06
1400	493777.33	3860652.55	3.51E-03	3.59E-03	3.42E-03	1.21E-06	3.67E-06	2.12E-06	2.17E-06	1.97E-06	8.78E-07	8.57E-07	4.06E-08	9.80E-07	2.16E-07	2.95E-07	4.68E-07	8.06E-08	4.50E-07	2.53E-06
1401	493827.33	3860652.55	3.44E-03	3.52E-03	3.36E-03	1.19E-06	3.60E-06	2.08E-06	2.13E-06	1.93E-06	8.62E-07	8.40E-07	3.98E-08	9.61E-07	2.12E-07	2.89E-07	4.59E-07	7.91E-08	4.41E-07	2.48E-06
1402	493877.33	3860652.55	3.38E-03	3.46E-03	3.29E-03	1.17E-06	3.53E-06	2.04E-06	2.09E-06	1.90E-06	8.45E-07	8.24E-07	3.90E-08	9.43E-07	2.08E-07	2.84E-07	4.50E-07	7.75E-08	4.33E-07	2.43E-06
1403	493927.33	3860652.55	3.31E-03	3.39E-03	3.23E-03	1.15E-06	3.46E-06	2.00E-06	2.05E-06	1.86E-06	8.29E-07	8.08E-07	3.83E-08	9.25E-07	2.04E-07	2.78E-07	4.42E-07	7.60E-08	4.24E-07	2.39E-06
1404	493977.33	3860652.55	3.25E-03	3.32E-03	3.17E-03	1.12E-06	3.39E-06	1.96E-06	2.01E-06	1.82E-06	8.12E-07	7.92E-07	3.75E-08	9.06E-07	2.00E-07	2.73E-07	4.33E-07	7.46E-08	4.16E-07	2.34E-06
1405	494027.33	3860652.55	3.19E-03	3.26E-03	3.11E-03	1.10E-06	3.33E-06	1.93E-06	1.97E-06	1.79E-06	7.98E-07	7.78E-07	3.68E-08	8.90E-07	1.96E-07	2.68E-07	4.25E-07	7.32E-08	4.08E-07	2.30E-06
1406	494311.06	3858401.99	8.23E-04	8.43E-04	8.03E-04	2.85E-07	8.60E-07	4.98E-07	5.10E-07	4.62E-07	2.06E-07	2.01E-07	9.51E-09	2.30E-07	5.07E-08	6.92E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
1407	494361.06	3858401.99	8.14E-04	8.33E-04	7.94E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.41E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07

1408	494411.06	3858401.99	8.08E-04	8.27E-04	7.88E-04	2.80E-07	8.44E-07	4.89E-07	5.00E-07	4.53E-07	2.02E-07	1.97E-07	9.34E-09	2.26E-07	4.98E-08	6.79E-08	1.08E-07	1.86E-08	1.03E-07	5.82E-07
1409	494461.06	3858401.99	8.06E-04	8.25E-04	7.86E-04	2.79E-07	8.42E-07	4.88E-07	4.99E-07	4.52E-07	2.02E-07	1.97E-07	9.32E-09	2.25E-07	4.97E-08	6.78E-08	1.08E-07	1.85E-08	1.03E-07	5.81E-07
1410	494511.06	3858401.99	7.99E-04	8.18E-04	7.80E-04	2.77E-07	8.36E-07	4.84E-07	4.95E-07	4.49E-07	2.00E-07	1.95E-07	9.24E-09	2.23E-07	4.93E-08	6.72E-08	1.07E-07	1.84E-08	1.02E-07	5.76E-07
1411	494561.06	3858401.99	7.97E-04	8.16E-04	7.77E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.48E-07	2.00E-07	1.95E-07	9.22E-09	2.23E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
1412	494611.06	3858401.99	7.90E-04	8.09E-04	7.70E-04	2.73E-07	8.26E-07	4.78E-07	4.89E-07	4.44E-07	1.98E-07	1.93E-07	9.13E-09	2.21E-07	4.87E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.70E-07
1413	494661.06	3858401.99	7.84E-04	8.03E-04	7.65E-04	2.71E-07	8.20E-07	4.75E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.07E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
1414	494711.06	3858401.99	7.75E-04	7.93E-04	7.55E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.95E-09	2.16E-07	4.77E-08	6.51E-08	1.03E-07	1.78E-08	9.92E-08	5.58E-07
1415	494761.06	3858401.99	7.70E-04	7.88E-04	7.51E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.55E-07
1416	494811.06	3858401.99	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.97E-07	4.62E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.82E-09	2.13E-07	4.70E-08	6.41E-08	1.02E-07	1.75E-08	9.77E-08	5.50E-07
1417	494861.06	3858401.99	7.56E-04	7.74E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
1418	494911.06	3858401.99	7.50E-04	7.68E-04	7.31E-04	2.60E-07	7.84E-07	4.54E-07	4.64E-07	4.21E-07	1.88E-07	1.83E-07	8.67E-09	2.09E-07	4.62E-08	6.31E-08	1.00E-07	1.72E-08	9.61E-08	5.41E-07
1419	494961.06	3858401.99	7.43E-04	7.60E-04	7.24E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.86E-07	1.81E-07	8.58E-09	2.07E-07	4.58E-08	6.25E-08	9.91E-08	1.71E-08	9.51E-08	5.35E-07
1420	495011.06	3858401.99	7.33E-04	7.50E-04	7.15E-04	2.54E-07	7.66E-07	4.44E-07	4.54E-07	4.12E-07	1.83E-07	1.79E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.78E-08	1.68E-08	9.39E-08	5.29E-07
1421	495061.06	3858401.99	7.26E-04	7.43E-04	7.08E-04	2.51E-07	7.59E-07	4.39E-07	4.50E-07	4.08E-07	1.82E-07	1.77E-07	8.39E-09	2.03E-07	4.47E-08	6.10E-08	9.68E-08	1.67E-08	9.30E-08	5.23E-07
1422	495111.06	3858401.99	7.12E-04	7.28E-04	6.94E-04	2.46E-07	7.44E-07	4.31E-07	4.41E-07	3.99E-07	1.78E-07	1.74E-07	8.22E-09	1.99E-07	4.38E-08	5.98E-08	9.49E-08	1.63E-08	9.11E-08	5.13E-07
1423	495161.06	3858401.99	7.09E-04	7.26E-04	6.92E-04	2.46E-07	7.41E-07	4.29E-07	4.39E-07	3.98E-07	1.78E-07	1.73E-07	8.20E-09	1.98E-07	4.37E-08	5.96E-08	9.46E-08	1.63E-08	9.09E-08	5.11E-07
1424	495211.06	3858401.99	6.96E-04	7.13E-04	6.79E-04	2.41E-07	7.28E-07	4.21E-07	4.31E-07	3.91E-07	1.74E-07	1.70E-07	8.05E-09	1.94E-07	4.29E-08	5.86E-08	9.29E-08	1.60E-08	8.92E-08	5.02E-07
1425	495261.06	3858401.99	6.90E-04	7.06E-04	6.73E-04	2.39E-07	7.21E-07	4.17E-07	4.27E-07	3.87E-07	1.73E-07	1.68E-07	7.97E-09	1.93E-07	4.25E-08	5.80E-08	9.20E-08	1.58E-08	8.83E-08	4.97E-07
1426	495311.06	3858401.99	6.82E-04	6.98E-04	6.66E-04	2.36E-07	7.13E-07	4.13E-07	4.23E-07	3.83E-07	1.71E-07	1.67E-07	7.89E-09	1.91E-07	4.20E-08	5.74E-08	9.10E-08	1.57E-08	8.74E-08	4.92E-07
1427	495361.06	3858401.99	6.77E-04	6.93E-04	6.61E-04	2.34E-07	7.08E-07	4.10E-07	4.20E-07	3.80E-07	1.70E-07	1.65E-07	7.83E-09	1.89E-07	4.17E-08	5.70E-08	9.04E-08	1.56E-08	8.68E-08	4.88E-07
1428	495411.06	3858401.99	6.75E-04	6.91E-04	6.58E-04	2.34E-07	7.05E-07	4.08E-07	4.18E-07	3.79E-07	1.69E-07	1.65E-07	7.80E-09	1.88E-07	4.16E-08	5.67E-08	9.00E-08	1.55E-08	8.64E-08	4.86E-07
1429	495461.06	3858401.99	6.73E-04	6.89E-04	6.56E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.68E-07	1.64E-07	7.78E-09	1.88E-07	4.14E-08	5.66E-08	8.97E-08	1.54E-08	8.62E-08	4.85E-07
1430	495511.06	3858401.99	6.70E-04	6.86E-04	6.53E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.68E-07	1.64E-07	7.74E-09	1.87E-07	4.13E-08	5.63E-08	8.94E-08	1.54E-08	8.58E-08	4.83E-07
1431	495561.06	3858401.99	6.61E-04	6.77E-04	6.45E-04	2.29E-07	6.91E-07	4.00E-07	4.10E-07	3.71E-07	1.66E-07	1.61E-07	7.65E-09	1.85E-07	4.08E-08	5.56E-08	8.82E-08	1.52E-08	8.47E-08	4.77E-07
1432	495611.06	3858401.99	6.59E-04	6.74E-04	6.42E-04	2.28E-07	6.89E-07	3.99E-07	4.08E-07	3.70E-07	1.65E-07	1.61E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.51E-08	8.44E-08	4.75E-07
1433	495661.06	3858401.99	6.64E-04	6.79E-04	6.47E-04	2.30E-07	6.94E-07	4.02E-07	4.11E-07	3.73E-07	1.66E-07	1.62E-07	7.67E-09	1.85E-07	4.09E-08	5.58E-08	8.85E-08	1.52E-08	8.50E-08	4.79E-07
1434	494311.06	3858451.99	8.68E-04	8.89E-04	8.47E-04	3.01E-07	9.07E-07	5.25E-07	5.38E-07	4.87E-07	2.17E-07	2.12E-07	1.00E-08	2.42E-07	5.35E-08	7.30E-08	1.16E-07	1.99E-08	1.11E-07	6.26E-07
1435	494361.06	3858451.99	8.60E-04	8.81E-04	8.39E-04	2.98E-07	8.99E-07	5.20E-07	5.33E-07	4.83E-07	2.15E-07	2.10E-07	9.94E-09	2.40E-07	5.30E-08	7.23E-08	1.15E-07	1.98E-08	1.10E-07	6.20E-07
1436	494411.06	3858451.99	8.54E-04	8.74E-04	8.33E-04	2.96E-07	8.93E-07	5.17E-07	5.29E-07	4.79E-07	2.14E-07	2.08E-07	9.87E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	1.96E-08	1.09E-07	6.16E-07
1437	494461.06	3858451.99	8.48E-04	8.69E-04	8.28E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.76E-07	2.12E-07	2.07E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	1.95E-08	1.09E-07	6.12E-07
1438	494511.06	3858451.99	8.46E-04	8.66E-04	8.25E-04	2.93E-07	8.84E-07	5.12E-07	5.24E-07	4.75E-07	2.12E-07	2.06E-07	9.78E-09	2.36E-07	5.21E-08	7.11E-08	1.13E-07	1.94E-08	1.08E-07	6.10E-07
1439	494561.06	3858451.99	8.38E-04	8.58E-04	8.17E-04	2.90E-07	8.76E-07	5.07E-07	5.19E-07	4.71E-07	2.10E-07	2.05E-07	9.69E-09	2.34E-07	5.16E-08	7.05E-08	1.12E-07	1.92E-08	1.07E-07	6.04E-07
1440	494611.06	3858451.99	8.32E-04	8.52E-04	8.12E-04	2.88E-07	8.70E-07	5.04E-07	5.15E-07	4.67E-07	2.08E-07	2.03E-07	9.62E-09	2.32E-07	5.13E-08	7.00E-08	1.11E-07	1.91E-08	1.07E-07	6.00E-07
1441	494661.06	3858451.99	8.26E-04	8.46E-04	8.06E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.07E-07	2.02E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.90E-08	1.06E-07	5.96E-07
1442	494711.06	3858451.99	8.18E-04	8.37E-04	7.97E-04	2.83E-07	8.55E-07	4.95E-07	5.06E-07	4.59E-07	2.05E-07	2.00E-07	9.45E-09	2.28E-07	5.04E-08	6.88E-08	1.09E-07	1.88E-08	1.05E-07	5.89E-07
1443	494761.06	3858451.99	8.09E-04	8.28E-04	7.89E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.02E-07	1.97E-07	9.35E-09	2.26E-07	4.98E-08	6.80E-08	1.08E-07	1.86E-08	1.04E-07	5.83E-07
1444	494811.06	3858451.99	8.02E-04	8.21E-04	7.82E-04	2.78E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.01E-07	1.96E-07	9.27E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.84E-08	1.03E-07	5.78E-07
1445	494861.06	3858451.99	7.93E-04	8.12E-04	7.74E-04	2.75E-07	8.29E-07	4.80E-07	4.91E-07	4.45E-07	1.99E-07	1.94E-07	9.17E-09	2.22E-07	4.89E-08	6.67E-08	1.06E-07	1.82E-08	1.02E-07	5.72E-07
1446	494911.06	3858451.99	7.82E-04	8.00E-04	7.62E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.04E-09	2.18E-07	4.82E-08	6.57E-08	1.04E-07	1.80E-08	1.00E-07	5.64E-07
1447	494961.06	3858451.99	7.74E-04	7.93E-04	7.55E-04	2.68E-07	8.09E-07	4.68E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.95E-09	2.16E-07	4.77E-08	6.51E-08	1.03E-07	1.78E-08	9.92E-08	5.58E-07
1448	495011.06	3858451.99	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.83E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.50E-07
1449	495061.06	3858451.99	7.59E-04	7.77E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.68E-08	6.38E-08	1.01E-07	1.74E-08	9.72E-08	5.47E-07
1450	495111.06	3858451.99	7.48E-04	7.66E-04	7.30E-04	2.59E-07	7.82E-07	4.53E-07	4.64E-07	4.20E-07	1.87E-07	1.83E-07	8.65E-09	2.09E-07	4.61E-08	6.29E-08	9.98E-08	1.72E-08	9.59E-08	5.40E-07
1451	495161.06	3858451.99	7.36E-04	7.54E-04	7.18E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.13E-07	1.84E-07	1.80E-07	8.51E-09	2.06E-07	4.54E-08	6.19E-08	9.82E-08	1.69E-08	9.43E-08	5.31E-07
1452	495211.06	3858451.99	7.26E-04	7.43E-04	7.08E-04	2.51E-07	7.59E-07	4.39E-07	4.49E-07	4.07E-07	1.82E-07	1.77E-07	8.39E-09	2.03E-07	4.47E-08	6.10E-08	9.68E-08	1.67E-08	9.30E-08	5.23E-07
1453	495261.06	3858451.99	7.18E-04	7.35E-04	7.01E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.03E-07	1.80E-07	1.75E-07	8.31E-09	2.01E-07	4.43E-08	6.04E-08	9.58E-08	1.65E-08	9.20E-08	5.18E-07
1454	495311.06	3858451.99	7.13E-04	7.30E-04	6.95E-04	2.47E-07	7.45E-07	4.31E-07	4.41E-07	4.00E-07	1.78E-07	1.74E-07	8.24E-09	1.99E-07	4.39E-08	5.99E-08	9.51E-08	1.64E-08	9.13E-08	5.14E-07
1455	495361.06	3858451.99	7.08E-04	7.24E-04	6.90E-04	2.45E-07	7.40E-07	4.28E-07	4.38E-07	3.97E-07	1.77E-07	1.73E-07	8.18E-09	1.98E-07	4.36E-08	5.95E-08	9.44E-08	1.63E-08	9.07E-08	5.10E-07
1456	495411.06	3858451.99	7.05E-04	7.22E-04	6.88E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.77E-07	1.72E-07	8.15E-09	1.97E-07	4.35E-08	5.93E-08	9.41E-08	1.62E-08	9.04E-08	5.08E-07
1457	495461.06	3858451.99	7.04E-04	7.20E-04	6.86E-04	2.44E-07	7.35E-07	4.26E-07	4.36E-07	3.95E-07	1.76E-07	1.72E-07	8.13E-09	1.96E-07	4.33E-08	5.92E-08	9.39E-08	1.62E-08	9.01E-08	5.07E-07
1458	495511.06	3858451.99	6.97E-04	7.14E-04	6.80E-04	2.41E-07	7.29E-07	4.22E-07	4.32E-07	3.92E-07	1.75E-07	1.70E-07	8.06E-09	1.95E-07	4.30E-08	5.86E-08	9.30E-08	1.60E-08	8.93E-08	5.03E-07
1459	495561.06	3858451.99	6.98E-04	7.14E-04	6.81E-04	2.42E-07	7.29E-07	4.22E-07	4.32E-07	3.92E-07	1.75E-07	1.70E-07	8.07E-09	1.95E-07	4.30E-08	5.87E-08	9.31E-08	1.60E-08	8.94E-08	5.03E-07
1460	495611.06	3858451.99	6.90E-04	7.07E-04	6.73E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.98E-09	1.93E-07	4.25E-08	5.81E-08	9.21E-08	1.59E-08	8.84E-08	4.98E-07
1461	495661.06	3858451.99	6.89E-04	7.05E-04	6.72E-04	2.39E-07	7.20E-07	4.17E-07	4.27E-07	3.87E-07	1.72E-07	1.68E-07	7.97E-09	1.92E-07	4.25E-08	5.79E-08	9.19E-08	1.58E-08	8.83E-08	4.97E-07
1462	494311.06	3858501.99	9.03E-04	9.25E-04	8.81E-04	3.13E-07	9.44E-07	5.47E-07	5.59E-07	5.07E-07	2.26E-07	2.20E-07	1.04E-08	2.52E-07	5.57E-08	7.60E-08	1.20E-07	2.07E-08	1.16E-07	6.51E-07
1463	494361.06	3858501.99	8.98E-04	9.20E-04	8.76E-04	3.11E-07	9.39E-07	5.44E-07	5.56E-07	5.04E-07	2.25E-07	2.19E-07	1.04E-08	2.51E-07	5.53E-08	7.55E-08	1.20E-07	2.06E-08	1.15E-07	6.48E-07
1464	494411.06	3858501.99	8.92E-04	9.13E-04	8.70E-04	3.09E-07	9.32E-07	5.40E-07	5.53E-07	5.01E-07	2.23E-07	2.18E-07	1.03E-08	2.49E-07	5.50E-08	7.50E-08	1.19E-07	2.05E-08	1.14E-07	6.43E-07
1465	494461.06	3858501.99	8.89E-04	9.10E-04	8.67E-04	3.08E-07	9.29E-07	5.38E-07	5.51E-07	4.99E-07	2.22E-07	2.17E-07	1.03E-08	2.48E-07	5.48E-08	7.47E-08	1.19E-07	2.04E-08	1.14E-07	6.41E-07
1466	494511.06	3858501.99	8.80E-04	9.00E-04	8.58E-04	3.04E-07	9.19E-07	5.32E-07	5.45E-07	4.94E-07	2.20E-07	2.15E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.02E-08	1.13E-07	6.34E-07
1467	494561.06	3858501.99	8.82E-04	9.03E-04	8.60E-04	3.05E-07	9.22E-07	5.34E-07	5.46E-07	4.95E-07	2.21E-07	2.15E-07	1.02E-08	2.46E-07	5.43E-08	7.42E-08	1.18E-07	2.03E-08	1.13E-07	6.36E-07
1468	494611.06	3858501.99	8.74E-04	8.95E-04	8.53E-04	3.03E-07	9.14E-07	5.29E-07	5.41E-07	4.91E-07	2.19E-07	2.13E-07	1.01E-08	2.44E-07	5.39E-08	7.35E-08	1.17E-07	2.01E-08	1.12E-07	6.30E-07
1469	494661.06	3858501.99	8.69E-04	8.90E-04	8.48E-04	3.01E-07	9.09E-07	5.26E-07	5.38E-07	4.88E-07	2.18E-07	2.12E-07	1.00E-08	2.43E-07	5.36E-08	7.31E-08	1.16E-07	2.00E-08	1.11E-07	6.27E-07
1470	494711.06	3858501.99	8.60E-04	8.80E-04	8.39E-04	2.98E-07	8.99E-07	5.20E-07	5.33E-07	4.83E-07	2.15E-07	2.10E-07	9.94E-09	2.40E-07	5.30E-08	7.23E-08	1.15E-07	1.98E-08	1.10E-07	6.20E-07
1471	494761.06	3858501.99	8.49E-04	8.69E-04	8.28E-04	2.94E-07	8.87E-07	5.14E-07	5.26E-07	4.77E-07	2.12E-07	2.07E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	1.95E-08	1.09E-07	6.12E-07
1472	494811.06	3858501.99	8.39E-04	8.59E-04	8.18E-04	2.90E-07	8.77E-07	5.08E-07	5.20E-07	4.71E-07	2.10E-07	2.05E-07	9.70E-09	2.34E-07	5.17E-08	7.05E-08	1.12E-07	1.93E-08	1.07E-07	6.05E-07
1473	494861.06	3858501.99	8.32E-04	8.51E-04	8.11E-04	2.88E-07	8.69E-07	5.03E-07	5.15E-07	4.67E-07	2.08E-07	2.03E-07	9.62E-09	2.32E-07	5.13E-08	6.99E-08	1.11E-07	1.91E-08	1.07E-07	6.00E-07
1474	494911.06	3858501.99	8.17E-04	8.37E-04	7.97E-04	2.83E-07	8.54E-07	4.95E-07	5.06E-07	4.59E-07	2.05E-07	2.00E-07	9.45E-09	2.28E-07	5.04E-08	6.87E-08	1.09E-07	1.88E-08	1.05E-07	5.89E-07
1475	494961.06	3858501.99	8.10E-04	8.29E-04	7.90E-04	2.80E-07	8.47E-07	4.90E-07	5.02E-07	4.55E-07	2.03E-07	1.98E-07	9.36E-09	2.26E-07	4.99E-08	6.81E-08	1.08E-07	1.86E-08	1.04E-07	5.84E-07
1476	495011.06	3858501.99	7.97E-04	8.16E-04	7.78E-04	2.76E-07	8.33E-07	4.83E-07	4.94E-07	4.48E-07	2.00E-07	1.95E-07	9.22E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
1477	495061.06	3858501.99	7.92E-04	8.11E-04	7.73E-04	2.74E-07	8.28E-07	4.79E-07	4.91E-07	4.45E-07	1.98E-07	1.93E-07	9.16E-09	2.21E-07	4.88E-08	6.66E-08	1.06E-07	1.82E-08	1.02E-07	5.71E-07
1478	495111.06	3858501.99	7.76E-04	7.95E-04	7.57E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.78E-08	9.94E-08	5.60E-07
1479	495161.06	3858501.99	7.66E-04	7.84E-04	7.47E-04	2.65E-07	8.01E-07	4.64E-07	4.74E-07	4.30E-07	1.92E-07	1.87E-07	8.86E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.81E-08	5.52E-07
1480	495211.06	3858501.99	7.56E-04	7.74E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
1481	495261.06	3858501.99	7.49E-04	7.67E-04	7.30E-04	2.59E-07	7.83E-07	4.53E-07	4.64E-07	4.20E-07	1.87E-07	1.83E-07	8.66E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.72E-08	9.59E-08	5.40E-07
1482	495311.06	3858501.99	7.44E-04	7.62E-04	7.26E-04	2.58E-07	7.78E-07	4.50E-07	4.61E-07	4.18E-07	1.86E-07	1.82E-07	8.60E-09	2.08E-07	4.59E-08	6.26E-08	9.93E-08	1.71E-08	9.54E-08	5.37E-07
1483	495361.06	3858501.99	7.40E-04	7.58E-04	7.22E-04	2.56E-07	7.74E-07	4.48E-07	4.59E-07	4.16E-07	1.85E-07	1.81E-07	8.56E-09	2.07E-07	4.56E-08	6.23E-08	9.88E-08	1.70E-08	9.48E-08	5.34E-07
1484	495411.06	3858501.99	7.37E-04	7.55E-04	7.19E-04	2.55E-07	7.71E-07	4.46E-07	4.57E-07	4.14E-07	1.85E-07	1.80E-07	8.52E-09	2.06E-07	4.54E-08	6.20E-08	9.84E-08	1.69E-08	9.45E-08	5.32E-07
1485	495461.06	3858501.99	7.35E-04	7.52E-04	7.17E-04	2.54E-07	7.68E-07	4.45E-07	4.55E-07	4.12E-07	1.84E-07	1.79E-07	8.49E-09	2.05E-07	4.53E-08	6.18E-08	9.80E-08	1.69E-08	9.41E-08	5.30E-07
1486	495511.06	3858501.99	7.30E-04	7.47E-04	7.12E-04	2.53E-07	7.63E-07	4.42E-07	4.52E-07	4.10E-07	1.83E-07	1.78E-07	8.44E-09	2.04E-07	4.50E-08	6.14E-08	9.74E-08	1.68E-08	9.35E-08	5.26E-07
1487	495561.06	3858501.99	7.30E-04	7.47E-04	7.12E-04	2.53E-07	7.63E-07	4.42E-07	4.52E-07	4.10E-07	1.83E-07	1.78E-07	8.44E-09	2.04E-07	4.50E-08	6.14E-08	9.74E-08	1.68E-08	9.35E-08	5.26E-07
1488	495611.06	3858501.99	7.20E-04	7.37E-04	7.03E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.05E-07	1.80E-07	1.76E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.65E-08	9.23E-08	5.19E-07
1489	495661.06	3858501.99	7.22E-04	7.39E-04	7.04E-04	2.50E-07	7.55E-07	4.37E-07	4.47E-07	4.05E-07	1.81E-07	1.76E-07	8.35E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.66E-08	9.25E-08	5.21E-07
1490	494311.06	3858551.99	9.21E-04	9.42E-04	8.98E-04	3.19E-07	9.62E-07	5.57E-07	5.70E-07	5.17E-07	2.30E-07	2.25E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.11E-08	1.18E-07	6.64E-07
1491	494361.06	3858551.99	9.26E-04	9.48E-04	9.04E-04	3.21E-07	9.68E-07	5.61E-07	5.74E-07	5.20E-07	2.32E-07	2.26E-07	1.07E-08	2.59E-07	5.71E-08	7.79E-08	1.24E-07	2.13E-08	1.19E-07	6.68E-07
1492	494411.06	3858551.99	9.37E-04	9.59E-04	9.14E-04	3.24E-07	9.79E-07	5.67E-07	5.80E-07	5.26E-07	2.34E-07	2.29E-07	1.08E-08	2.62E-07	5.77E-08	7.88E-08	1.25E-07	2.15E-08	1.20E-07	6.75E-07
1493	494461.06	3858551.99	9.36E-04	9.58E-04	9.13E-04	3.24E-07	9.78E-07	5.66E-07	5.80E-07	5.25E-07	2.34E-07	2.28E-07	1.08E-08	2.61E-07	5.77E-08	7.87E-08	1.25E-07	2.15E-08	1.20E-07	6.75E-07
1494	494511.06	3858551.99	9.31E-04	9.53E-04	9.08E-04	3.22E-07	9.73E-07	5.63E-07	5.77E-07	5.23E-07	2.33E-07	2.27E-07	1.08E-08	2.60E-07	5.74E-08	7.83E-08	1.24E-07	2.14E-08	1.19E-07	6.71E-07
1495	494561.06	3858551.99	9.27E-04	9.49E-04	9.04E-04	3.21E-07	9.69E-07	5.61E-07	5.74E-07	5.21E-07	2.32E-07	2.26E-07	1.07E-08	2.59E-07	5.71E-08	7.80E-08	1.24E-07	2.13E-08	1.19E-07	6.68E-07
1496	494611.06	3858551.99	9.21E-04	9.42E-04	8.98E-04	3.19E-07	9.62E-07	5.57E-07	5.70E-07	5.17E-07	2.30E-07	2.25E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.11E-08	1.18E-07	6.64E-07
1497	494661.06	3858551.99	9.15E-04	9.37E-04	8.92E-04	3.17E-07	9.56E-07	5.54E-07	5.67E-07	5.14E-07	2.29E-07	2.23E-07	1.06E-08	2.55E-07	5.64E-08	7.69E-08	1.22E-07	2.10E-08	1.17E-07	6.60E-07
1498	494711.06	3858551.99	9.04E-04	9.25E-04	8.81E-04	3.13E-07	9.44E-07	5.47E-07	5.60E-07	5.07E-07	2.26E-07	2.21E-07	1.04E-08	2.52E-07	5.57E-08	7.60E-08	1.21E-07	2.08E-08	1.16E-07	6.51E-07
1499	494761.06	3858551.99	8.92E-04	9.13E-04	8.70E-04	3.09E-07	9.32E-07	5.40E-07	5.53E-07	5.01E-07	2.23E-07	2.18E-07	1.03E-08	2.49E-07	5.50E-08	7.50E-08	1.19E-07	2.05E-08	1.14E-07	6.43E-07
1500	494811.06	3858551.99	8.83E-04	9.04E-04	8.62E-04	3.06E-07	9.23E-07	5.34E-07	5.47E-07	4.96E-07	2.21E-07	2.16E-07	1.02E-08	2.47E-07	5.44E-08	7.43E-08	1.18E-07	2.03E-08	1.13E-07	6.37E-07
1501	494861.06	3858551.99	8.72E-04	8.92E-04	8.50E-04	3.02E-07	9.11E-07	5.27E-07	5.40E-07	4.89E-07	2.18E-07	2.13E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.00E-08	1.12E-07	6.28E-07
1502	494911.06	3858551.99	8.58E-04	8.78E-04	8.37E-04	2.97E-07	8.97E-07	5.19E-07	5.32E-07	4.82E-07	2.15E-07	2.09E-07	9.92E-09	2.40E-07	5.29E-08	7.22E-08	1.14E-07	1.97E-08	1.10E-07	6.19E-07
1503	494961.06	3858551.99	8.48E-04	8.68E-04	8.27E-04	2.93E-07	8.86E-07	5.13E-07	5.25E-07	4.76E-07	2.12E-07	2.07E-07	9.80E-09	2.37E-07	5.22E-08	7.13E-08	1.13E-07	1.95E-08	1.09E-07	6.11E-07
1504	495011.06	3858551.99	8.34E-04	8.53E-04	8.13E-04	2.89E-07	8.71E-07	5.05E-07	5.16E-07	4.68E-07	2.09E-07	2.04E-07	9.64E-09	2.33E-07	5.14E-08	7.01E-08	1.11E-07	1.92E-08	1.07E-07	6.01E-07
1505	495061.06	3858551.99	8.25E-04	8.45E-04	8.05E-04	2.86E-07	8.63E-07	4.99E-07	5.11E-07	4.63E-07	2.07E-07	2.01E-07	9.54E-09	2.30E-07	5.09E-08	6.94E-08	1.10E-07	1.90E-08	1.06E-07	5.95E-07
1506	495111.06	3858551.99	8.09E-04	8.28E-04	7.89E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.02E-07	1.97E-07	9.35E-09	2.26E-07	4.98E-08	6.80E-08	1.08E-07	1.86E-08	1.04E-07	5.83E-07
1507	495161.06	3858551.99	7.98E-04	8.17E-04	7.78E-04	2.76E-07	8.34E-07	4.83E-07	4.94E-07	4.48E-07	2.00E-07	1.95E-07	9.22E-09	2.23E-07	4.92E-08	6.71E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
1508	495211.06	3858551.99	7.88E-04	8.07E-04	7.69E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.43E-07	1.97E-07	1.92E-07	9.11E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07

1509	495261.06	3858551.99	7.81E-04	8.00E-04	7.62E-04	2.70E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
1510	495311.06	3858551.99	7.78E-04	7.96E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.96E-08	5.61E-07
1511	495361.06	3858551.99	7.73E-04	7.92E-04	7.54E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.94E-07	1.89E-07	8.94E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.78E-08	9.91E-08	5.58E-07
1512	495411.06	3858551.99	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.06E-07	4.67E-07	4.78E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.88E-08	5.56E-07
1513	495461.06	3858551.99	7.67E-04	7.85E-04	7.48E-04	2.66E-07	8.02E-07	4.64E-07	4.75E-07	4.31E-07	1.92E-07	1.87E-07	8.87E-09	2.14E-07	4.73E-08	6.45E-08	1.02E-07	1.76E-08	9.83E-08	5.53E-07
1514	495511.06	3858551.99	7.65E-04	7.83E-04	7.46E-04	2.65E-07	8.00E-07	4.63E-07	4.74E-07	4.30E-07	1.91E-07	1.87E-07	8.84E-09	2.14E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.80E-08	5.52E-07
1515	495561.06	3858551.99	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.61E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.80E-09	2.13E-07	4.69E-08	6.40E-08	1.02E-07	1.75E-08	9.75E-08	5.49E-07
1516	495611.06	3858551.99	7.56E-04	7.74E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
1517	495661.06	3858551.99	7.51E-04	7.69E-04	7.32E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.63E-08	6.31E-08	1.00E-07	1.72E-08	9.62E-08	5.41E-07
1518	494311.06	3858601.99	9.23E-04	9.45E-04	9.00E-04	3.20E-07	9.65E-07	5.59E-07	5.72E-07	5.18E-07	2.31E-07	2.25E-07	1.07E-08	2.58E-07	5.69E-08	7.76E-08	1.23E-07	2.12E-08	1.18E-07	6.66E-07
1519	494361.06	3858601.99	9.56E-04	9.78E-04	9.32E-04	3.31E-07	9.99E-07	5.78E-07	5.92E-07	5.37E-07	2.39E-07	2.33E-07	1.10E-08	2.67E-07	5.89E-08	8.04E-08	1.27E-07	2.19E-08	1.22E-07	6.89E-07
1520	494411.06	3858601.99	9.88E-04	1.01E-03	9.64E-04	3.42E-07	1.03E-06	5.98E-07	6.12E-07	5.55E-07	2.47E-07	2.41E-07	1.14E-08	2.76E-07	6.09E-08	8.31E-08	1.32E-07	2.27E-08	1.27E-07	7.12E-07
1521	494461.06	3858601.99	9.86E-04	1.01E-03	9.62E-04	3.41E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.47E-07	2.41E-07	1.14E-08	2.75E-07	6.08E-08	8.30E-08	1.32E-07	2.27E-08	1.26E-07	7.11E-07
1522	494511.06	3858601.99	9.75E-04	9.98E-04	9.50E-04	3.37E-07	1.02E-06	5.90E-07	6.04E-07	5.47E-07	2.44E-07	2.38E-07	1.13E-08	2.72E-07	6.00E-08	8.19E-08	1.30E-07	2.24E-08	1.25E-07	7.03E-07
1523	494561.06	3858601.99	9.78E-04	1.00E-03	9.54E-04	3.39E-07	1.02E-06	5.92E-07	6.06E-07	5.49E-07	2.45E-07	2.39E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.30E-07	2.25E-08	1.25E-07	7.05E-07
1524	494611.06	3858601.99	9.69E-04	9.91E-04	9.45E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.44E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.97E-08	8.14E-08	1.29E-07	2.22E-08	1.24E-07	6.98E-07
1525	494661.06	3858601.99	9.61E-04	9.84E-04	9.38E-04	3.33E-07	1.00E-06	5.82E-07	5.95E-07	5.40E-07	2.41E-07	2.35E-07	1.11E-08	2.68E-07	5.92E-08	8.08E-08	1.28E-07	2.21E-08	1.23E-07	6.93E-07
1526	494711.06	3858601.99	9.50E-04	9.72E-04	9.26E-04	3.29E-07	9.93E-07	5.75E-07	5.88E-07	5.33E-07	2.38E-07	2.32E-07	1.10E-08	2.65E-07	5.85E-08	7.99E-08	1.27E-07	2.18E-08	1.22E-07	6.85E-07
1527	494761.06	3858601.99	9.38E-04	9.61E-04	9.15E-04	3.25E-07	9.81E-07	5.68E-07	5.81E-07	5.27E-07	2.35E-07	2.29E-07	1.08E-08	2.62E-07	5.78E-08	7.89E-08	1.25E-07	2.16E-08	1.20E-07	6.77E-07
1528	494811.06	3858601.99	9.21E-04	9.43E-04	8.98E-04	3.19E-07	9.63E-07	5.57E-07	5.70E-07	5.17E-07	2.30E-07	2.25E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.12E-08	1.18E-07	6.64E-07
1529	494861.06	3858601.99	9.12E-04	9.33E-04	8.89E-04	3.16E-07	9.53E-07	5.52E-07	5.65E-07	5.12E-07	2.28E-07	2.23E-07	1.05E-08	2.55E-07	5.62E-08	7.67E-08	1.22E-07	2.09E-08	1.17E-07	6.57E-07
1530	494911.06	3858601.99	8.96E-04	9.17E-04	8.73E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.24E-07	2.19E-07	1.04E-08	2.50E-07	5.52E-08	7.53E-08	1.19E-07	2.06E-08	1.15E-07	6.46E-07
1531	494961.06	3858601.99	8.84E-04	9.05E-04	8.62E-04	3.06E-07	9.24E-07	5.35E-07	5.47E-07	4.96E-07	2.21E-07	2.16E-07	1.02E-08	2.47E-07	5.45E-08	7.43E-08	1.18E-07	2.03E-08	1.13E-07	6.37E-07
1532	495011.06	3858601.99	8.72E-04	8.92E-04	8.50E-04	3.02E-07	9.11E-07	5.28E-07	5.40E-07	4.90E-07	2.18E-07	2.13E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.00E-08	1.12E-07	6.29E-07
1533	495061.06	3858601.99	8.59E-04	8.79E-04	8.38E-04	2.97E-07	8.98E-07	5.20E-07	5.32E-07	4.82E-07	2.15E-07	2.10E-07	9.93E-09	2.40E-07	5.29E-08	7.23E-08	1.15E-07	1.97E-08	1.10E-07	6.19E-07
1534	495111.06	3858601.99	8.41E-04	8.61E-04	8.20E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.72E-07	2.10E-07	2.05E-07	9.72E-09	2.35E-07	5.18E-08	7.07E-08	1.12E-07	1.93E-08	1.08E-07	6.06E-07
1535	495161.06	3858601.99	8.31E-04	8.50E-04	8.10E-04	2.88E-07	8.68E-07	5.03E-07	5.14E-07	4.66E-07	2.08E-07	2.03E-07	9.60E-09	2.32E-07	5.12E-08	6.98E-08	1.11E-07	1.91E-08	1.06E-07	5.99E-07
1536	495211.06	3858601.99	8.24E-04	8.43E-04	8.03E-04	2.85E-07	8.61E-07	4.98E-07	5.10E-07	4.63E-07	2.06E-07	2.01E-07	9.52E-09	2.30E-07	5.08E-08	6.93E-08	1.10E-07	1.89E-08	1.06E-07	5.94E-07
1537	495261.06	3858601.99	8.16E-04	8.35E-04	7.96E-04	2.83E-07	8.53E-07	4.94E-07	5.05E-07	4.58E-07	2.04E-07	1.99E-07	9.43E-09	2.28E-07	5.03E-08	6.86E-08	1.09E-07	1.87E-08	1.05E-07	5.88E-07
1538	495311.06	3858601.99	8.10E-04	8.30E-04	7.90E-04	2.81E-07	8.47E-07	4.90E-07	5.02E-07	4.55E-07	2.03E-07	1.98E-07	9.37E-09	2.26E-07	4.99E-08	6.81E-08	1.08E-07	1.86E-08	1.04E-07	5.84E-07
1539	495361.06	3858601.99	8.07E-04	8.26E-04	7.87E-04	2.79E-07	8.43E-07	4.88E-07	5.00E-07	4.53E-07	2.02E-07	1.97E-07	9.32E-09	2.25E-07	4.97E-08	6.78E-08	1.08E-07	1.85E-08	1.03E-07	5.82E-07
1540	495411.06	3858601.99	8.03E-04	8.22E-04	7.83E-04	2.78E-07	8.39E-07	4.86E-07	4.97E-07	4.51E-07	2.01E-07	1.96E-07	9.28E-09	2.24E-07	4.95E-08	6.75E-08	1.07E-07	1.84E-08	1.03E-07	5.79E-07
1541	495461.06	3858601.99	8.00E-04	8.19E-04	7.80E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.49E-07	2.00E-07	1.95E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.84E-08	1.03E-07	5.77E-07
1542	495511.06	3858601.99	7.94E-04	8.12E-04	7.74E-04	2.75E-07	8.30E-07	4.80E-07	4.92E-07	4.46E-07	1.99E-07	1.94E-07	9.17E-09	2.22E-07	4.89E-08	6.67E-08	1.06E-07	1.82E-08	1.02E-07	5.72E-07
1543	495561.06	3858601.99	7.92E-04	8.11E-04	7.72E-04	2.74E-07	8.28E-07	4.79E-07	4.91E-07	4.45E-07	1.98E-07	1.93E-07	9.15E-09	2.21E-07	4.88E-08	6.66E-08	1.06E-07	1.82E-08	1.01E-07	5.71E-07
1544	495611.06	3858601.99	7.84E-04	8.03E-04	7.65E-04	2.72E-07	8.20E-07	4.75E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.07E-09	2.19E-07	4.83E-08	6.60E-08	1.05E-07	1.80E-08	1.00E-07	5.66E-07
1545	495661.06	3858601.99	7.82E-04	8.00E-04	7.62E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.04E-09	2.18E-07	4.82E-08	6.57E-08	1.04E-07	1.80E-08	1.00E-07	5.64E-07
1546	494311.06	3858651.99	9.51E-04	9.74E-04	9.28E-04	3.29E-07	9.94E-07	5.76E-07	5.89E-07	5.34E-07	2.38E-07	2.32E-07	1.10E-08	2.66E-07	5.86E-08	8.00E-08	1.27E-07	2.19E-08	1.22E-07	6.86E-07
1547	494361.06	3858651.99	9.83E-04	1.01E-03	9.59E-04	3.40E-07	1.03E-06	5.95E-07	6.09E-07	5.52E-07	2.46E-07	2.40E-07	1.14E-08	2.75E-07	6.06E-08	8.27E-08	1.31E-07	2.26E-08	1.26E-07	7.09E-07
1548	494411.06	3858651.99	1.03E-03	1.05E-03	1.00E-03	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.32E-08	8.63E-08	1.37E-07	2.36E-08	1.31E-07	7.40E-07
1549	494461.06	3858651.99	1.04E-03	1.06E-03	1.01E-03	3.59E-07	1.08E-06	6.27E-07	6.42E-07	5.82E-07	2.59E-07	2.53E-07	1.20E-08	2.89E-07	6.39E-08	8.72E-08	1.38E-07	2.38E-08	1.33E-07	7.47E-07
1550	494511.06	3858651.99	1.03E-03	1.05E-03	1.00E-03	3.57E-07	1.08E-06	6.23E-07	6.38E-07	5.78E-07	2.58E-07	2.51E-07	1.19E-08	2.88E-07	6.35E-08	8.66E-08	1.37E-07	2.37E-08	1.32E-07	7.43E-07
1551	494561.06	3858651.99	1.03E-03	1.05E-03	1.00E-03	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.32E-08	8.63E-08	1.37E-07	2.36E-08	1.31E-07	7.40E-07
1552	494611.06	3858651.99	1.02E-03	1.04E-03	9.95E-04	3.53E-07	1.07E-06	6.17E-07	6.32E-07	5.73E-07	2.55E-07	2.49E-07	1.18E-08	2.85E-07	6.29E-08	8.58E-08	1.36E-07	2.34E-08	1.31E-07	7.35E-07
1553	494661.06	3858651.99	1.01E-03	1.03E-03	9.85E-04	3.50E-07	1.06E-06	6.11E-07	6.25E-07	5.67E-07	2.53E-07	2.47E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.32E-08	1.29E-07	7.28E-07
1554	494711.06	3858651.99	9.96E-04	1.02E-03	9.71E-04	3.45E-07	1.04E-06	6.03E-07	6.17E-07	5.59E-07	2.49E-07	2.43E-07	1.15E-08	2.78E-07	6.14E-08	8.37E-08	1.33E-07	2.29E-08	1.28E-07	7.18E-07
1555	494761.06	3858651.99	9.85E-04	1.01E-03	9.60E-04	3.41E-07	1.03E-06	5.96E-07	6.10E-07	5.53E-07	2.46E-07	2.40E-07	1.14E-08	2.75E-07	6.07E-08	8.28E-08	1.31E-07	2.26E-08	1.26E-07	7.10E-07
1556	494811.06	3858651.99	9.68E-04	9.91E-04	9.44E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.44E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.97E-08	8.14E-08	1.29E-07	2.22E-08	1.24E-07	6.98E-07
1557	494861.06	3858651.99	9.53E-04	9.76E-04	9.30E-04	3.30E-07	9.96E-07	5.77E-07	5.90E-07	5.35E-07	2.39E-07	2.33E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.19E-08	1.22E-07	6.87E-07
1558	494911.06	3858651.99	9.36E-04	9.59E-04	9.13E-04	3.24E-07	9.79E-07	5.67E-07	5.80E-07	5.26E-07	2.34E-07	2.29E-07	1.08E-08	2.61E-07	5.77E-08	7.87E-08	1.25E-07	2.15E-08	1.20E-07	6.75E-07
1559	494961.06	3858651.99	9.21E-04	9.43E-04	8.98E-04	3.19E-07	9.63E-07	5.57E-07	5.71E-07	5.17E-07	2.31E-07	2.25E-07	1.06E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.64E-07
1560	495011.06	3858651.99	9.09E-04	9.31E-04	8.87E-04	3.15E-07	9.50E-07	5.50E-07	5.63E-07	5.10E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.60E-08	7.65E-08	1.21E-07	2.09E-08	1.16E-07	6.56E-07
1561	495061.06	3858651.99	8.96E-04	9.17E-04	8.73E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.24E-07	2.19E-07	1.04E-08	2.50E-07	5.52E-08	7.53E-08	1.19E-07	2.06E-08	1.15E-07	6.46E-07
1562	495111.06	3858651.99	8.80E-04	9.01E-04	8.58E-04	3.05E-07	9.20E-07	5.32E-07	5.45E-07	4.94E-07	2.20E-07	2.15E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.02E-08	1.13E-07	6.34E-07
1563	495161.06	3858651.99	8.70E-04	8.90E-04	8.48E-04	3.01E-07	9.09E-07	5.26E-07	5.39E-07	4.88E-07	2.18E-07	2.12E-07	1.01E-08	2.43E-07	5.36E-08	7.31E-08	1.16E-07	2.00E-08	1.11E-07	6.27E-07
1564	495211.06	3858651.99	8.57E-04	8.78E-04	8.36E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.81E-07	2.15E-07	2.09E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	1.97E-08	1.10E-07	6.18E-07
1565	495261.06	3858651.99	8.53E-04	8.74E-04	8.32E-04	2.95E-07	8.92E-07	5.16E-07	5.29E-07	4.79E-07	2.14E-07	2.08E-07	9.87E-09	2.38E-07	5.26E-08	7.18E-08	1.14E-07	1.96E-08	1.09E-07	6.15E-07
1566	495311.06	3858651.99	8.47E-04	8.67E-04	8.26E-04	2.93E-07	8.85E-07	5.12E-07	5.25E-07	4.76E-07	2.12E-07	2.07E-07	9.79E-09	2.36E-07	5.22E-08	7.12E-08	1.13E-07	1.95E-08	1.09E-07	6.11E-07
1567	495361.06	3858651.99	8.43E-04	8.63E-04	8.22E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.11E-07	2.06E-07	9.74E-09	2.35E-07	5.19E-08	7.09E-08	1.12E-07	1.94E-08	1.08E-07	6.08E-07
1568	495411.06	3858651.99	8.40E-04	8.59E-04	8.19E-04	2.91E-07	8.77E-07	5.08E-07	5.20E-07	4.71E-07	2.10E-07	2.05E-07	9.70E-09	2.34E-07	5.17E-08	7.06E-08	1.12E-07	1.93E-08	1.08E-07	6.05E-07
1569	495461.06	3858651.99	8.38E-04	8.58E-04	8.17E-04	2.90E-07	8.76E-07	5.07E-07	5.19E-07	4.71E-07	2.10E-07	2.05E-07	9.69E-09	2.34E-07	5.16E-08	7.05E-08	1.12E-07	1.92E-08	1.07E-07	6.04E-07
1570	495511.06	3858651.99	8.30E-04	8.50E-04	8.10E-04	2.87E-07	8.68E-07	5.02E-07	5.14E-07	4.66E-07	2.08E-07	2.03E-07	9.60E-09	2.32E-07	5.12E-08	6.98E-08	1.11E-07	1.91E-08	1.06E-07	5.99E-07
1571	495561.06	3858651.99	8.24E-04	8.44E-04	8.04E-04	2.85E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.06E-07	2.01E-07	9.53E-09	2.30E-07	5.08E-08	6.93E-08	1.10E-07	1.89E-08	1.06E-07	5.94E-07
1572	495611.06	3858651.99	8.15E-04	8.35E-04	7.95E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.04E-07	1.99E-07	9.43E-09	2.28E-07	5.02E-08	6.86E-08	1.09E-07	1.87E-08	1.04E-07	5.88E-07
1573	495661.06	3858651.99	8.12E-04	8.31E-04	7.92E-04	2.81E-07	8.49E-07	4.91E-07	5.03E-07	4.56E-07	2.03E-07	1.98E-07	9.39E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.87E-08	1.04E-07	5.86E-07
1574	494311.06	3858701.99	9.98E-04	1.02E-03	9.74E-04	3.46E-07	1.04E-06	6.04E-07	6.18E-07	5.61E-07	2.50E-07	2.44E-07	1.15E-08	2.79E-07	6.15E-08	8.40E-08	1.33E-07	2.29E-08	1.28E-07	7.20E-07
1575	494361.06	3858701.99	1.05E-03	1.07E-03	1.02E-03	3.62E-07	1.09E-06	6.33E-07	6.48E-07	5.87E-07	2.62E-07	2.55E-07	1.21E-08	2.92E-07	6.44E-08	8.80E-08	1.40E-07	2.40E-08	1.34E-07	7.54E-07
1576	494411.06	3858701.99	1.08E-03	1.10E-03	1.05E-03	3.73E-07	1.13E-06	6.52E-07	6.67E-07	6.05E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.64E-08	9.06E-08	1.44E-07	2.47E-08	1.38E-07	7.77E-07
1577	494461.06	3858701.99	1.08E-03	1.10E-03	1.05E-03	3.73E-07	1.13E-06	6.52E-07	6.67E-07	6.05E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.64E-08	9.06E-08	1.44E-07	2.47E-08	1.38E-07	7.77E-07
1578	494511.06	3858701.99	1.08E-03	1.11E-03	1.06E-03	3.75E-07	1.13E-06	6.55E-07	6.70E-07	6.08E-07	2.71E-07	2.64E-07	1.25E-08	3.02E-07	6.67E-08	9.10E-08	1.44E-07	2.49E-08	1.39E-07	7.80E-07
1579	494561.06	3858701.99	1.08E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.51E-07	6.66E-07	6.04E-07	2.69E-07	2.63E-07	1.24E-08	3.00E-07	6.63E-08	9.05E-08	1.44E-07	2.47E-08	1.38E-07	7.76E-07
1580	494611.06	3858701.99	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.11E-06	6.40E-07	6.55E-07	5.94E-07	2.65E-07	2.58E-07	1.22E-08	2.95E-07	6.52E-08	8.90E-08	1.41E-07	2.43E-08	1.36E-07	7.63E-07
1581	494661.06	3858701.99	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.10E-06	6.39E-07	6.54E-07	5.93E-07	2.64E-07	2.58E-07	1.22E-08	2.95E-07	6.51E-08	8.88E-08	1.41E-07	2.43E-08	1.35E-07	7.61E-07
1582	494711.06	3858701.99	1.02E-03	1.04E-03	9.93E-04	3.53E-07	1.06E-06	6.16E-07	6.31E-07	5.72E-07	2.55E-07	2.49E-07	1.18E-08	2.84E-07	6.27E-08	8.56E-08	1.36E-07	2.34E-08	1.30E-07	7.34E-07
1583	494761.06	3858701.99	1.03E-03	1.05E-03	1.00E-03	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.76E-07	2.57E-07	2.50E-07	1.18E-08	2.86E-07	6.32E-08	8.62E-08	1.37E-07	2.35E-08	1.31E-07	7.39E-07
1584	494811.06	3858701.99	1.01E-03	1.03E-03	9.83E-04	3.49E-07	1.05E-06	6.10E-07	6.24E-07	5.66E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.21E-08	8.47E-08	1.34E-07	2.31E-08	1.29E-07	7.26E-07
1585	494861.06	3858701.99	9.93E-04	1.02E-03	9.69E-04	3.44E-07	1.04E-06	6.01E-07	6.15E-07	5.58E-07	2.49E-07	2.42E-07	1.15E-08	2.77E-07	6.12E-08	8.35E-08	1.33E-07	2.28E-08	1.27E-07	7.16E-07
1586	494911.06	3858701.99	9.81E-04	1.00E-03	9.57E-04	3.40E-07	1.03E-06	5.94E-07	6.08E-07	5.51E-07	2.46E-07	2.39E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
1587	494961.06	3858701.99	9.57E-04	9.79E-04	9.33E-04	3.31E-07	1.00E-06	5.79E-07	5.93E-07	5.37E-07	2.39E-07	2.34E-07	1.11E-08	2.67E-07	5.90E-08	8.05E-08	1.28E-07	2.20E-08	1.23E-07	6.90E-07
1588	495011.06	3858701.99	9.42E-04	9.64E-04	9.18E-04	3.26E-07	9.84E-07	5.70E-07	5.83E-07	5.29E-07	2.36E-07	2.30E-07	1.09E-08	2.63E-07	5.80E-08	7.92E-08	1.26E-07	2.16E-08	1.21E-07	6.79E-07
1589	495061.06	3858701.99	9.34E-04	9.56E-04	9.11E-04	3.23E-07	9.76E-07	5.65E-07	5.79E-07	5.24E-07	2.34E-07	2.28E-07	1.08E-08	2.61E-07	5.76E-08	7.86E-08	1.25E-07	2.15E-08	1.20E-07	6.73E-07
1590	495111.06	3858701.99	9.16E-04	9.38E-04	8.94E-04	3.17E-07	9.58E-07	5.55E-07	5.68E-07	5.15E-07	2.29E-07	2.24E-07	1.06E-08	2.56E-07	5.65E-08	7.71E-08	1.22E-07	2.10E-08	1.17E-07	6.61E-07
1591	495161.06	3858701.99	9.07E-04	9.28E-04	8.85E-04	3.14E-07	9.48E-07	5.49E-07	5.62E-07	5.09E-07	2.27E-07	2.21E-07	1.05E-08	2.53E-07	5.59E-08	7.63E-08	1.21E-07	2.08E-08	1.16E-07	6.54E-07
1592	495211.06	3858701.99	8.94E-04	9.15E-04	8.72E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.24E-07	2.18E-07	1.03E-08	2.50E-07	5.51E-08	7.52E-08	1.19E-07	2.05E-08	1.15E-07	6.45E-07
1593	495261.06	3858701.99	8.91E-04	9.12E-04	8.69E-04	3.08E-07	9.31E-07	5.39E-07	5.52E-07	5.00E-07	2.23E-07	2.17E-07	1.03E-08	2.49E-07	5.49E-08	7.49E-08	1.19E-07	2.05E-08	1.14E-07	6.42E-07
1594	495311.06	3858701.99	8.87E-04	9.08E-04	8.65E-04	3.07E-07	9.27E-07	5.36E-07	5.49E-07	4.98E-07	2.22E-07	2.16E-07	1.02E-08	2.48E-07	5.46E-08	7.46E-08	1.18E-07	2.04E-08	1.14E-07	6.39E-07
1595	495361.06	3858701.99	8.81E-04	9.02E-04	8.59E-04	3.05E-07	9.21E-07	5.33E-07	5.46E-07	4.95E-07	2.20E-07	2.15E-07	1.02E-08	2.46E-07	5.43E-08	7.41E-08	1.18E-07	2.02E-08	1.13E-07	6.35E-07
1596	495411.06	3858701.99	8.78E-04	8.99E-04	8.57E-04	3.04E-07	9.18E-07	5.31E-07	5.44E-07	4.93E-07	2.20E-07	2.14E-07	1.02E-08	2.45E-07	5.41E-08	7.39E-08	1.17E-07	2.02E-08	1.13E-07	6.33E-07
1597	495461.06	3858701.99	8.74E-04	8.94E-04	8.52E-04	3.02E-07	9.13E-07	5.29E-07	5.41E-07	4.91E-07	2.19E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.35E-08	1.17E-07	2.01E-08	1.12E-07	6.30E-07
1598	495511.06	3858701.99	8.67E-04	8.87E-04	8.46E-04	3.00E-07	9.06E-07	5.25E-07	5.37E-07	4.87E-07	2.17E-07	2.12E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	1.99E-08	1.11E-07	6.25E-07
1599	495561.06	3858701.99	8.59E-04	8.79E-04	8.38E-04	2.97E-07	8.98E-07	5.20E-07	5.32E-07	4.82E-07	2.15E-07	2.10E-07	9.93E-09	2.40E-07	5.29E-08	7.22E-08	1.15E-07	1.97E-08	1.10E-07	6.19E-07
1600	495611.06	3858701.99	8.51E-04	8.71E-04	8.30E-04	2.94E-07	8.89E-07	5.15E-07	5.27E-07	4.78E-07	2.13E-07	2.08E-07	9.83E-09	2.38E-07	5.24E-08	7.15E-08	1.13E-07	1.95E-08	1.09E-07	6.13E-07
1601	495661.06	3858701.99	8.45E-04	8.65E-04	8.24E-04	2.93E-07	8.83E-07	5.11E-07	5.23E-07	4.74E-07	2.11E-07	2.06E-07	9.77E-09	2.36E-07	5.21E-08	7.11E-08	1.13E-07	1.94E-08	1.08E-07	6.09E-07
1602	494311.06	3858751.99	1.05E-03	1.07E-03	1.02E-03	3.63E-07	1.09E-06	6.34E-07	6.49E-07	5.88E-07	2.62E-07	2.56E-07	1.21E-08	2.92E-07	6.45E-08	8.81E-08	1.40E-07	2.41E-08	1.34E-07	7.55E-07
1603	494361.06	3858751.99	1.11E-03	1.13E-03	1.08E-03	3.84E-07	1.16E-06	6.71E-07	6.87E-07	6.22E-07	2.77E-07	2.71E-07	1.28E-08	3.10E-07	6.83E-08	9.32E-08	1.48E-07	2.55E-08	1.42E-07	7.99E-07
1604	494411.06	3858751.99	1.13E-03	1.16E-03	1.11E-03	3.92E-07	1.18E-06	6.86E-07	7.02E-07	6.36E-07	2.84E-07	2.77E-07	1.31E-08	3.16E-07	6.98E-08	9.53E-08	1.51E-07	2.60E-08	1.45E-07	8.17E-07
1605	494461.06	3858751.99	1.13E-03	1.16E-03	1.10E-03	3.92E-07	1.18E-06	6.85E-07	7.01E-07	6.36E-07	2.83E-07	2.76E-07	1.31E-08	3.16E-07	6.98E-08	9.52E-08	1.51E-07	2.60E-08	1.45E-07	8.16E-07
1606	494511.06	3858751.99	1.14E-03	1.17E-03	1.11E-03	3.95E-07	1.19E-06	6.90E-07	7.06E-07	6.40E-07	2.85E-07	2.78E-07	1.32E-08	3.18E-07	7.03E-08	9.59E-08	1.52E-07	2.62E-08	1.46E-07	8.22E-07
1607	494561.06	3858751.99	1.12E-03	1.15E-03	1.10E-03	3.89E-07	1.17E-06	6.80E-07	6.96E-07	6.31E-07	2.81E-07	2.74E-07	1.30E-08	3.14E-07	6.92E-08	9.45E-08	1.50E-07	2.58E-08	1.44E-07	8.10E-07
1608	494611.06	3858751.99	1.11E-03	1.14E-03	1.08E-03	3.84E-07	1.16E-06	6.71E-07	6.87E-07	6.23E-07	2.78E-07	2.71E-07	1.28E-08	3.10E-07	6.84E-08	9.33E-08	1.48E-07	2.55E-08	1.42E-07	8.00E-07
1609	494661.06	3858751.99	1.10E-03	1.12E-03	1.07E-03	3.79E-07	1.15E-06	6.63E-07	6.79E-07	6.16E-07	2.74E-07	2.68E-07	1.27E-08	3.06E-07	6.75E-08	9.22E-08	1.46E-07	2.52E-08	1.40E-07	7.90E-07

1610	494711.06	3858751.99	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.61E-08	9.03E-08	1.43E-07	2.47E-08	1.38E-07	7.74E-07
1611	494761.06	3858751.99	1.07E-03	1.10E-03	1.05E-03	3.71E-07	1.12E-06	6.49E-07	6.64E-07	6.02E-07	2.68E-07	2.62E-07	1.24E-08	2.99E-07	6.60E-08	9.01E-08	1.43E-07	2.46E-08	1.37E-07	7.73E-07
1612	494811.06	3858751.99	1.05E-03	1.08E-03	1.03E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.63E-07	2.57E-07	1.22E-08	2.94E-07	6.48E-08	8.84E-08	1.40E-07	2.42E-08	1.35E-07	7.58E-07
1613	494861.06	3858751.99	1.03E-03	1.06E-03	1.01E-03	3.58E-07	1.08E-06	6.25E-07	6.40E-07	5.80E-07	2.59E-07	2.52E-07	1.19E-08	2.89E-07	6.37E-08	8.69E-08	1.38E-07	2.37E-08	1.32E-07	7.45E-07
1614	494911.06	3858751.99	1.01E-03	1.04E-03	9.89E-04	3.51E-07	1.06E-06	6.13E-07	6.28E-07	5.69E-07	2.54E-07	2.47E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.33E-08	1.30E-07	7.31E-07
1615	494961.06	3858751.99	9.99E-04	1.02E-03	9.75E-04	3.46E-07	1.04E-06	6.05E-07	6.19E-07	5.61E-07	2.50E-07	2.44E-07	1.16E-08	2.79E-07	6.16E-08	8.40E-08	1.33E-07	2.30E-08	1.28E-07	7.21E-07
1616	495011.06	3858751.99	9.89E-04	1.01E-03	9.65E-04	3.42E-07	1.03E-06	5.99E-07	6.13E-07	5.55E-07	2.48E-07	2.41E-07	1.14E-08	2.76E-07	6.09E-08	8.32E-08	1.32E-07	2.27E-08	1.27E-07	7.13E-07
1617	495061.06	3858751.99	9.74E-04	9.97E-04	9.50E-04	3.37E-07	1.02E-06	5.89E-07	6.03E-07	5.47E-07	2.44E-07	2.38E-07	1.13E-08	2.72E-07	6.00E-08	8.19E-08	1.30E-07	2.24E-08	1.25E-07	7.02E-07
1618	495111.06	3858751.99	9.57E-04	9.79E-04	9.33E-04	3.31E-07	1.00E-06	5.79E-07	5.93E-07	5.37E-07	2.39E-07	2.34E-07	1.11E-08	2.67E-07	5.90E-08	8.05E-08	1.28E-07	2.20E-08	1.23E-07	6.90E-07
1619	495161.06	3858751.99	9.46E-04	9.69E-04	9.23E-04	3.28E-07	9.89E-07	5.73E-07	5.86E-07	5.31E-07	2.37E-07	2.31E-07	1.09E-08	2.64E-07	5.83E-08	7.96E-08	1.26E-07	2.17E-08	1.21E-07	6.82E-07
1620	495211.06	3858751.99	9.33E-04	9.55E-04	9.10E-04	3.23E-07	9.75E-07	5.65E-07	5.78E-07	5.24E-07	2.34E-07	2.28E-07	1.08E-08	2.61E-07	5.75E-08	7.85E-08	1.24E-07	2.14E-08	1.20E-07	6.73E-07
1621	495261.06	3858751.99	9.28E-04	9.50E-04	9.05E-04	3.21E-07	9.70E-07	5.62E-07	5.75E-07	5.21E-07	2.32E-07	2.27E-07	1.07E-08	2.59E-07	5.72E-08	7.81E-08	1.24E-07	2.13E-08	1.19E-07	6.69E-07
1622	495311.06	3858751.99	9.24E-04	9.46E-04	9.01E-04	3.20E-07	9.66E-07	5.59E-07	5.72E-07	5.19E-07	2.31E-07	2.26E-07	1.07E-08	2.58E-07	5.69E-08	7.77E-08	1.23E-07	2.12E-08	1.18E-07	6.66E-07
1623	495361.06	3858751.99	9.18E-04	9.40E-04	8.95E-04	3.18E-07	9.59E-07	5.55E-07	5.69E-07	5.15E-07	2.30E-07	2.24E-07	1.06E-08	2.56E-07	5.66E-08	7.72E-08	1.22E-07	2.11E-08	1.18E-07	6.62E-07
1624	495411.06	3858751.99	9.16E-04	9.38E-04	8.94E-04	3.17E-07	9.58E-07	5.55E-07	5.68E-07	5.15E-07	2.29E-07	2.24E-07	1.06E-08	2.56E-07	5.65E-08	7.71E-08	1.22E-07	2.10E-08	1.17E-07	6.61E-07
1625	495461.06	3858751.99	9.11E-04	9.33E-04	8.89E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.12E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.09E-08	1.17E-07	6.57E-07
1626	495511.06	3858751.99	9.04E-04	9.25E-04	8.81E-04	3.13E-07	9.45E-07	5.47E-07	5.60E-07	5.07E-07	2.26E-07	2.21E-07	1.04E-08	2.52E-07	5.57E-08	7.60E-08	1.21E-07	2.08E-08	1.16E-07	6.52E-07
1627	495561.06	3858751.99	8.96E-04	9.17E-04	8.73E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.24E-07	2.19E-07	1.04E-08	2.50E-07	5.52E-08	7.53E-08	1.19E-07	2.06E-08	1.15E-07	6.46E-07
1628	495611.06	3858751.99	8.87E-04	9.08E-04	8.65E-04	3.07E-07	9.27E-07	5.37E-07	5.49E-07	4.98E-07	2.22E-07	2.17E-07	1.03E-08	2.48E-07	5.47E-08	7.46E-08	1.18E-07	2.04E-08	1.14E-07	6.40E-07
1629	495661.06	3858751.99	8.80E-04	9.01E-04	8.58E-04	3.05E-07	9.20E-07	5.33E-07	5.45E-07	4.94E-07	2.20E-07	2.15E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.02E-08	1.13E-07	6.35E-07
1630	494311.06	3858801.99	1.11E-03	1.14E-03	1.08E-03	3.85E-07	1.16E-06	6.73E-07	6.89E-07	6.24E-07	2.78E-07	2.71E-07	1.29E-08	3.10E-07	6.85E-08	9.35E-08	1.48E-07	2.55E-08	1.42E-07	8.02E-07
1631	494361.06	3858801.99	1.17E-03	1.20E-03	1.14E-03	4.05E-07	1.22E-06	7.08E-07	7.24E-07	6.57E-07	2.93E-07	2.86E-07	1.35E-08	3.27E-07	7.21E-08	9.84E-08	1.56E-07	2.69E-08	1.50E-07	8.43E-07
1632	494411.06	3858801.99	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.24E-06	7.16E-07	7.33E-07	6.64E-07	2.96E-07	2.89E-07	1.37E-08	3.30E-07	7.29E-08	9.95E-08	1.58E-07	2.72E-08	1.52E-07	8.53E-07
1633	494461.06	3858801.99	1.19E-03	1.22E-03	1.16E-03	4.11E-07	1.24E-06	7.19E-07	7.36E-07	6.67E-07	2.97E-07	2.90E-07	1.37E-08	3.32E-07	7.32E-08	9.99E-08	1.59E-07	2.73E-08	1.52E-07	8.57E-07
1634	494511.06	3858801.99	1.20E-03	1.23E-03	1.17E-03	4.15E-07	1.25E-06	7.25E-07	7.42E-07	6.73E-07	3.00E-07	2.92E-07	1.39E-08	3.35E-07	7.38E-08	1.01E-07	1.60E-07	2.75E-08	1.53E-07	8.64E-07
1635	494561.06	3858801.99	1.19E-03	1.22E-03	1.16E-03	4.13E-07	1.25E-06	7.21E-07	7.38E-07	6.69E-07	2.98E-07	2.91E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.74E-08	1.53E-07	8.60E-07
1636	494611.06	3858801.99	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.23E-06	7.15E-07	7.31E-07	6.63E-07	2.96E-07	2.88E-07	1.37E-08	3.30E-07	7.28E-08	9.93E-08	1.58E-07	2.71E-08	1.51E-07	8.51E-07
1637	494661.06	3858801.99	1.16E-03	1.19E-03	1.13E-03	4.02E-07	1.22E-06	7.03E-07	7.20E-07	6.53E-07	2.91E-07	2.84E-07	1.34E-08	3.25E-07	7.16E-08	9.78E-08	1.55E-07	2.67E-08	1.49E-07	8.38E-07
1638	494711.06	3858801.99	1.14E-03	1.17E-03	1.11E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.86E-07	2.79E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.62E-08	1.46E-07	8.23E-07
1639	494761.06	3858801.99	1.12E-03	1.14E-03	1.09E-03	3.87E-07	1.17E-06	6.76E-07	6.92E-07	6.27E-07	2.79E-07	2.73E-07	1.29E-08	3.12E-07	6.88E-08	9.39E-08	1.49E-07	2.56E-08	1.43E-07	8.05E-07
1640	494811.06	3858801.99	1.09E-03	1.12E-03	1.06E-03	3.78E-07	1.14E-06	6.61E-07	6.76E-07	6.13E-07	2.73E-07	2.67E-07	1.26E-08	3.05E-07	6.73E-08	9.18E-08	1.46E-07	2.51E-08	1.40E-07	7.87E-07
1641	494861.06	3858801.99	1.08E-03	1.10E-03	1.05E-03	3.73E-07	1.13E-06	6.52E-07	6.68E-07	6.05E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.64E-08	9.06E-08	1.44E-07	2.48E-08	1.38E-07	7.77E-07
1642	494911.06	3858801.99	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.11E-06	6.40E-07	6.55E-07	5.94E-07	2.65E-07	2.58E-07	1.22E-08	2.95E-07	6.52E-08	8.89E-08	1.41E-07	2.43E-08	1.35E-07	7.63E-07
1643	494961.06	3858801.99	1.04E-03	1.07E-03	1.02E-03	3.61E-07	1.09E-06	6.31E-07	6.46E-07	5.85E-07	2.61E-07	2.54E-07	1.21E-08	2.91E-07	6.42E-08	8.77E-08	1.39E-07	2.39E-08	1.34E-07	7.52E-07
1644	495011.06	3858801.99	1.03E-03	1.05E-03	1.00E-03	3.55E-07	1.07E-06	6.21E-07	6.36E-07	5.76E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.33E-08	8.63E-08	1.37E-07	2.36E-08	1.32E-07	7.40E-07
1645	495061.06	3858801.99	1.02E-03	1.04E-03	9.91E-04	3.52E-07	1.06E-06	6.15E-07	6.29E-07	5.70E-07	2.54E-07	2.48E-07	1.17E-08	2.84E-07	6.26E-08	8.54E-08	1.36E-07	2.33E-08	1.30E-07	7.32E-07
1646	495111.06	3858801.99	9.96E-04	1.02E-03	9.71E-04	3.45E-07	1.04E-06	6.02E-07	6.17E-07	5.59E-07	2.49E-07	2.43E-07	1.15E-08	2.78E-07	6.13E-08	8.37E-08	1.33E-07	2.29E-08	1.28E-07	7.18E-07
1647	495161.06	3858801.99	9.81E-04	1.00E-03	9.57E-04	3.39E-07	1.03E-06	5.93E-07	6.07E-07	5.51E-07	2.45E-07	2.39E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
1648	495211.06	3858801.99	9.72E-04	9.95E-04	9.48E-04	3.36E-07	1.02E-06	5.88E-07	6.02E-07	5.46E-07	2.43E-07	2.37E-07	1.12E-08	2.71E-07	5.99E-08	8.17E-08	1.30E-07	2.23E-08	1.24E-07	7.01E-07
1649	495261.06	3858801.99	9.67E-04	9.90E-04	9.43E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.22E-08	1.24E-07	6.97E-07
1650	495311.06	3858801.99	9.63E-04	9.86E-04	9.39E-04	3.33E-07	1.01E-06	5.83E-07	5.96E-07	5.41E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.93E-08	8.10E-08	1.28E-07	2.21E-08	1.23E-07	6.94E-07
1651	495361.06	3858801.99	9.57E-04	9.80E-04	9.33E-04	3.31E-07	1.00E-06	5.79E-07	5.93E-07	5.37E-07	2.40E-07	2.34E-07	1.11E-08	2.67E-07	5.90E-08	8.05E-08	1.28E-07	2.20E-08	1.23E-07	6.90E-07
1652	495411.06	3858801.99	9.57E-04	9.80E-04	9.33E-04	3.31E-07	1.00E-06	5.79E-07	5.93E-07	5.37E-07	2.40E-07	2.34E-07	1.11E-08	2.67E-07	5.90E-08	8.05E-08	1.28E-07	2.20E-08	1.23E-07	6.90E-07
1653	495461.06	3858801.99	9.50E-04	9.73E-04	9.27E-04	3.29E-07	9.93E-07	5.75E-07	5.89E-07	5.34E-07	2.38E-07	2.32E-07	1.10E-08	2.65E-07	5.86E-08	7.99E-08	1.27E-07	2.18E-08	1.22E-07	6.85E-07
1654	495511.06	3858801.99	9.41E-04	9.64E-04	9.18E-04	3.26E-07	9.84E-07	5.70E-07	5.83E-07	5.29E-07	2.36E-07	2.30E-07	1.09E-08	2.63E-07	5.80E-08	7.92E-08	1.26E-07	2.16E-08	1.21E-07	6.79E-07
1655	495561.06	3858801.99	9.34E-04	9.56E-04	9.11E-04	3.23E-07	9.76E-07	5.65E-07	5.78E-07	5.24E-07	2.34E-07	2.28E-07	1.08E-08	2.61E-07	5.75E-08	7.85E-08	1.25E-07	2.14E-08	1.20E-07	6.73E-07
1656	495611.06	3858801.99	9.23E-04	9.45E-04	9.00E-04	3.20E-07	9.65E-07	5.59E-07	5.72E-07	5.18E-07	2.31E-07	2.25E-07	1.07E-08	2.58E-07	5.69E-08	7.76E-08	1.23E-07	2.12E-08	1.18E-07	6.66E-07
1657	495661.06	3858801.99	9.17E-04	9.39E-04	8.94E-04	3.17E-07	9.58E-07	5.55E-07	5.68E-07	5.15E-07	2.29E-07	2.24E-07	1.06E-08	2.56E-07	5.65E-08	7.71E-08	1.22E-07	2.11E-08	1.17E-07	6.61E-07
1658	494311.06	3858851.99	1.22E-03	1.25E-03	1.19E-03	4.22E-07	1.28E-06	7.38E-07	7.56E-07	6.85E-07	3.05E-07	2.98E-07	1.41E-08	3.41E-07	7.52E-08	1.03E-07	1.63E-07	2.80E-08	1.56E-07	8.80E-07
1659	494361.06	3858851.99	1.25E-03	1.28E-03	1.22E-03	4.34E-07	1.31E-06	7.59E-07	7.77E-07	7.05E-07	3.14E-07	3.06E-07	1.45E-08	3.50E-07	7.73E-08	1.06E-07	1.67E-07	2.88E-08	1.61E-07	9.05E-07
1660	494411.06	3858851.99	1.25E-03	1.28E-03	1.22E-03	4.33E-07	1.31E-06	7.56E-07	7.74E-07	7.02E-07	3.13E-07	3.05E-07	1.44E-08	3.49E-07	7.70E-08	1.05E-07	1.67E-07	2.87E-08	1.60E-07	9.01E-07
1661	494461.06	3858851.99	1.25E-03	1.28E-03	1.22E-03	4.33E-07	1.31E-06	7.57E-07	7.74E-07	7.02E-07	3.13E-07	3.05E-07	1.45E-08	3.49E-07	7.70E-08	1.05E-07	1.67E-07	2.87E-08	1.60E-07	9.02E-07
1662	494511.06	3858851.99	1.26E-03	1.29E-03	1.22E-03	4.35E-07	1.31E-06	7.60E-07	7.78E-07	7.05E-07	3.14E-07	3.07E-07	1.45E-08	3.51E-07	7.74E-08	1.06E-07	1.68E-07	2.88E-08	1.61E-07	9.05E-07
1663	494561.06	3858851.99	1.25E-03	1.28E-03	1.22E-03	4.32E-07	1.30E-06	7.55E-07	7.72E-07	7.00E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.99E-07
1664	494611.06	3858851.99	1.23E-03	1.26E-03	1.20E-03	4.26E-07	1.29E-06	7.45E-07	7.63E-07	6.92E-07	3.08E-07	3.01E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.83E-08	1.58E-07	8.88E-07
1665	494661.06	3858851.99	1.21E-03	1.24E-03	1.18E-03	4.20E-07	1.27E-06	7.34E-07	7.51E-07	6.81E-07	3.04E-07	2.96E-07	1.40E-08	3.39E-07	7.47E-08	1.02E-07	1.62E-07	2.79E-08	1.55E-07	8.74E-07
1666	494711.06	3858851.99	1.19E-03	1.21E-03	1.16E-03	4.11E-07	1.24E-06	7.18E-07	7.35E-07	6.66E-07	2.97E-07	2.90E-07	1.37E-08	3.31E-07	7.31E-08	9.97E-08	1.58E-07	2.72E-08	1.52E-07	8.55E-07
1667	494761.06	3858851.99	1.16E-03	1.19E-03	1.13E-03	4.02E-07	1.21E-06	7.02E-07	7.19E-07	6.52E-07	2.91E-07	2.83E-07	1.34E-08	3.24E-07	7.15E-08	9.76E-08	1.55E-07	2.67E-08	1.49E-07	8.37E-07
1668	494811.06	3858851.99	1.14E-03	1.17E-03	1.11E-03	3.95E-07	1.19E-06	6.90E-07	7.06E-07	6.40E-07	2.85E-07	2.78E-07	1.32E-08	3.18E-07	7.02E-08	9.59E-08	1.52E-07	2.62E-08	1.46E-07	8.22E-07
1669	494861.06	3858851.99	1.13E-03	1.15E-03	1.10E-03	3.90E-07	1.18E-06	6.81E-07	6.97E-07	6.32E-07	2.82E-07	2.75E-07	1.30E-08	3.14E-07	6.93E-08	9.46E-08	1.50E-07	2.58E-08	1.44E-07	8.11E-07
1670	494911.06	3858851.99	1.11E-03	1.13E-03	1.08E-03	3.83E-07	1.16E-06	6.69E-07	6.85E-07	6.21E-07	2.77E-07	2.70E-07	1.28E-08	3.09E-07	6.81E-08	9.30E-08	1.48E-07	2.54E-08	1.42E-07	7.97E-07
1671	494961.06	3858851.99	1.09E-03	1.11E-03	1.06E-03	3.77E-07	1.14E-06	6.59E-07	6.74E-07	6.11E-07	2.73E-07	2.66E-07	1.26E-08	3.04E-07	6.71E-08	9.16E-08	1.45E-07	2.50E-08	1.39E-07	7.85E-07
1672	495011.06	3858851.99	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.50E-07	6.66E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.62E-08	9.04E-08	1.43E-07	2.47E-08	1.38E-07	7.75E-07
1673	495061.06	3858851.99	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.11E-06	6.40E-07	6.55E-07	5.94E-07	2.65E-07	2.58E-07	1.22E-08	2.95E-07	6.52E-08	8.90E-08	1.41E-07	2.43E-08	1.36E-07	7.63E-07
1674	495111.06	3858851.99	1.03E-03	1.05E-03	1.01E-03	3.57E-07	1.08E-06	6.24E-07	6.38E-07	5.79E-07	2.58E-07	2.52E-07	1.19E-08	2.88E-07	6.35E-08	8.67E-08	1.37E-07	2.37E-08	1.32E-07	7.43E-07
1675	495161.06	3858851.99	1.01E-03	1.04E-03	9.90E-04	3.51E-07	1.06E-06	6.14E-07	6.29E-07	5.70E-07	2.54E-07	2.48E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.33E-08	1.30E-07	7.32E-07
1676	495211.06	3858851.99	1.01E-03	1.04E-03	9.88E-04	3.51E-07	1.06E-06	6.13E-07	6.28E-07	5.69E-07	2.54E-07	2.47E-07	1.17E-08	2.83E-07	6.24E-08	8.52E-08	1.35E-07	2.33E-08	1.30E-07	7.31E-07
1677	495261.06	3858851.99	1.01E-03	1.03E-03	9.82E-04	3.49E-07	1.05E-06	6.10E-07	6.24E-07	5.66E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.21E-08	8.47E-08	1.34E-07	2.31E-08	1.29E-07	7.26E-07
1678	495311.06	3858851.99	1.00E-03	1.03E-03	9.80E-04	3.48E-07	1.05E-06	6.08E-07	6.22E-07	5.64E-07	2.51E-07	2.45E-07	1.16E-08	2.80E-07	6.19E-08	8.45E-08	1.34E-07	2.31E-08	1.29E-07	7.24E-07
1679	495361.06	3858851.99	9.99E-04	1.02E-03	9.74E-04	3.46E-07	1.04E-06	6.05E-07	6.19E-07	5.61E-07	2.50E-07	2.44E-07	1.15E-08	2.79E-07	6.16E-08	8.40E-08	1.33E-07	2.29E-08	1.28E-07	7.20E-07
1680	495411.06	3858851.99	9.94E-04	1.02E-03	9.70E-04	3.44E-07	1.04E-06	6.02E-07	6.16E-07	5.58E-07	2.49E-07	2.43E-07	1.15E-08	2.78E-07	6.13E-08	8.36E-08	1.33E-07	2.28E-08	1.27E-07	7.17E-07
1681	495461.06	3858851.99	9.90E-04	1.01E-03	9.65E-04	3.43E-07	1.03E-06	5.99E-07	6.13E-07	5.56E-07	2.48E-07	2.42E-07	1.14E-08	2.76E-07	6.10E-08	8.32E-08	1.32E-07	2.27E-08	1.27E-07	7.14E-07
1682	495511.06	3858851.99	9.80E-04	1.00E-03	9.56E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.74E-07	6.04E-08	8.24E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
1683	495561.06	3858851.99	9.68E-04	9.91E-04	9.44E-04	3.35E-07	1.01E-06	5.86E-07	6.00E-07	5.43E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.96E-08	8.14E-08	1.29E-07	2.22E-08	1.24E-07	6.98E-07
1684	495611.06	3858851.99	9.56E-04	9.79E-04	9.32E-04	3.31E-07	9.99E-07	5.78E-07	5.92E-07	5.37E-07	2.39E-07	2.33E-07	1.11E-08	2.67E-07	5.89E-08	8.04E-08	1.28E-07	2.20E-08	1.22E-07	6.89E-07
1685	495661.06	3858851.99	9.52E-04	9.74E-04	9.28E-04	3.29E-07	9.95E-07	5.76E-07	5.89E-07	5.34E-07	2.38E-07	2.32E-07	1.10E-08	2.66E-07	5.86E-08	8.00E-08	1.27E-07	2.19E-08	1.22E-07	6.86E-07
1686	494311.06	3858901.99	1.29E-03	1.32E-03	1.26E-03	4.48E-07	1.35E-06	7.83E-07	8.02E-07	7.27E-07	3.24E-07	3.16E-07	1.50E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	2.97E-08	1.66E-07	9.33E-07
1687	494361.06	3858901.99	1.32E-03	1.35E-03	1.29E-03	4.57E-07	1.38E-06	7.99E-07	8.18E-07	7.41E-07	3.31E-07	3.22E-07	1.53E-08	3.69E-07	8.14E-08	1.11E-07	1.76E-07	3.03E-08	1.69E-07	9.52E-07
1688	494411.06	3858901.99	1.32E-03	1.35E-03	1.29E-03	4.57E-07	1.38E-06	7.99E-07	8.18E-07	7.41E-07	3.30E-07	3.22E-07	1.53E-08	3.69E-07	8.14E-08	1.11E-07	1.76E-07	3.03E-08	1.69E-07	9.52E-07
1689	494461.06	3858901.99	1.33E-03	1.36E-03	1.30E-03	4.60E-07	1.39E-06	8.05E-07	8.24E-07	7.47E-07	3.33E-07	3.25E-07	1.54E-08	3.71E-07	8.20E-08	1.12E-07	1.77E-07	3.06E-08	1.70E-07	9.59E-07
1690	494511.06	3858901.99	1.33E-03	1.36E-03	1.29E-03	4.59E-07	1.39E-06	8.02E-07	8.21E-07	7.44E-07	3.32E-07	3.24E-07	1.53E-08	3.70E-07	8.17E-08	1.11E-07	1.77E-07	3.05E-08	1.70E-07	9.56E-07
1691	494561.06	3858901.99	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.28E-07	3.20E-07	1.51E-08	3.65E-07	8.07E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.44E-07
1692	494611.06	3858901.99	1.28E-03	1.31E-03	1.25E-03	4.43E-07	1.34E-06	7.75E-07	7.93E-07	7.19E-07	3.20E-07	3.13E-07	1.48E-08	3.58E-07	7.89E-08	1.08E-07	1.71E-07	2.94E-08	1.64E-07	9.23E-07
1693	494661.06	3858901.99	1.26E-03	1.29E-03	1.23E-03	4.38E-07	1.32E-06	7.65E-07	7.83E-07	7.10E-07	3.16E-07	3.09E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.90E-08	1.62E-07	9.12E-07
1694	494711.06	3858901.99	1.24E-03	1.27E-03	1.21E-03	4.29E-07	1.29E-06	7.49E-07	7.67E-07	6.95E-07	3.10E-07	3.02E-07	1.43E-08	3.46E-07	7.63E-08	1.04E-07	1.65E-07	2.84E-08	1.59E-07	8.93E-07
1695	494761.06	3858901.99	1.21E-03	1.24E-03	1.18E-03	4.18E-07	1.26E-06	7.31E-07	7.48E-07	6.78E-07	3.02E-07	2.95E-07	1.40E-08	3.37E-07	7.45E-08	1.02E-07	1.61E-07	2.78E-08	1.55E-07	8.71E-07
1696	494811.06	3858901.99	1.19E-03	1.22E-03	1.16E-03	4.12E-07	1.24E-06	7.20E-07	7.37E-07	6.68E-07	2.98E-07	2.90E-07	1.38E-08	3.32E-07	7.33E-08	1.00E-07	1.59E-07	2.73E-08	1.52E-07	8.58E-07
1697	494861.06	3858901.99	1.18E-03	1.20E-03	1.15E-03	4.07E-07	1.23E-06	7.11E-07	7.28E-07	6.60E-07	2.94E-07	2.87E-07	1.36E-08	3.28E-07	7.24E-08	9.89E-08	1.57E-07	2.70E-08	1.51E-07	8.48E-07
1698	494911.06	3858901.99	1.15E-03	1.17E-03	1.12E-03	3.97E-07	1.20E-06	6.94E-07	7.11E-07	6.44E-07	2.87E-07	2.80E-07	1.33E-08	3.20E-07	7.07E-08	9.65E-08	1.53E-07	2.64E-08	1.47E-07	8.27E-07
1699	494961.06	3858901.99	1.13E-03	1.16E-03	1.10E-03	3.91E-07	1.18E-06	6.84E-07	7.00E-07	6.35E-07	2.83E-07	2.76E-07	1.31E-08	3.16E-07	6.97E-08	9.51E-08	1.51E-07	2.60E-08	1.45E-07	8.15E-07
1700	495011.06	3858901.99	1.12E-03	1.14E-03	1.09E-03	3.86E-07	1.17E-06	6.75E-07	6.91E-07	6.26E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.56E-08	1.43E-07	8.04E-07
1701	495061.06	3858901.99	1.09E-03	1.12E-03	1.07E-03	3.78E-07	1.14E-06	6.62E-07	6.77E-07	6.14E-07	2.74E-07	2.67E-07	1.26E-08	3.05E-07	6.74E-08	9.19E-08	1.46E-07	2.51E-08	1.40E-07	7.88E-07
1702	495111.06	3858901.99	1.06E-03	1.09E-03	1.04E-03	3.68E-07	1.11E-06	6.44E-07	6.59E-07	5.97E-07	2.66E-07	2.60E-07	1.23E-08	2.97E-07	6.55E-08	8.94E-08	1.42E-07	2.44E-08	1.36E-07	7.67E-07
1703	495161.06	3858901.99	1.05E-03	1.08E-03	1.03E-03	3.65E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.64E-07	2.57E-07	1.22E-08	2.94E-07	6.49E-08	8.86E-08	1.40E-07	2.42E-08	1.35E-07	7.59E-07
1704	495211.06	3858901.99	1.06E-03	1.08E-03	1.03E-03	3.65E-07	1.10E-06	6.39E-07	6.54E-07	5.93E-07	2.64E-07	2.58E-07	1.22E-08	2.95E-07	6.50E-08	8.88E-08	1.41E-07	2.42E-08	1.35E-07	7.61E-07
1705	495261.06	3858901.99	1.05E-03	1.08E-03	1.03E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.63E-07	2.57E-07	1.21E-08	2.93E-07	6.48E-08	8.84E-08	1.40E-07	2.41E-08	1.35E-07	7.58E-07
1706	495311.06	3858901.99	1.04E-03	1.07E-03	1.02E-03	3.61E-07	1.09E-06	6.32E-07	6.47E-07	5.86E-07	2.61E-07	2.55E-07	1.21E-08	2.92E-07	6.43E-08	8.78E-08	1.39E-07	2.40E-08	1.34E-07	7.53E-07
1707	495361.06	3858901.99	1.04E-03	1.06E-03	1.01E-03	3.59E-07	1.09E-06	6.28E-07	6.43E-07	5.83E-07	2.60E-07	2.53E-07	1.20E-08	2.90E-07	6.40E-08	8.73E-08	1.39E-07	2.38E-08	1.33E-07	7.49E-07
1708	495411.06	3858901.99	1.04E-03	1.06E-03	1.01E-03	3.59E-07	1.08E-06	6.27E-07	6.42E-07	5.82E-07	2.59E-07	2.53E-07	1.20E-08	2.89E-07	6.38E-08	8.71E-08	1.38E-07	2.38E-08	1.33E-07	7.47E-07
1709	495461.06	3858901.99	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.07E-06	6.22E-07	6.36E-07	5.77E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.33E-08	8.64E-08	1.37E-07	2.36E-08	1.32E-07	7.41E-07
1710	495511.06	3858901.99	1.02E-03	1.04E-03	9.91E-04	3.52E-07	1.06E-06	6.15E-07	6.29E-07	5.70E-07	2.54E-07	2.48E-07	1.17E-08	2.84E-07	6.26E-08	8.54E-08	1.36E-07	2.33E-08	1.30E-07	7.33E-07

1711	495561.06	3858901.99	1.01E-03	1.03E-03	9.81E-04	3.48E-07	1.05E-06	6.09E-07	6.23E-07	5.65E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.20E-08	8.46E-08	1.34E-07	2.31E-08	1.29E-07	7.25E-07
1712	495611.06	3858901.99	9.94E-04	1.02E-03	9.69E-04	3.44E-07	1.04E-06	6.01E-07	6.15E-07	5.58E-07	2.49E-07	2.43E-07	1.15E-08	2.77E-07	6.12E-08	8.36E-08	1.33E-07	2.28E-08	1.27E-07	7.16E-07
1713	495661.06	3858901.99	9.90E-04	1.01E-03	9.65E-04	3.43E-07	1.03E-06	5.99E-07	6.13E-07	5.56E-07	2.48E-07	2.42E-07	1.14E-08	2.76E-07	6.10E-08	8.32E-08	1.32E-07	2.27E-08	1.27E-07	7.14E-07
1714	494311.06	3858951.99	1.39E-03	1.42E-03	1.36E-03	4.81E-07	1.45E-06	8.41E-07	8.61E-07	7.81E-07	3.48E-07	3.39E-07	1.61E-08	3.88E-07	8.57E-08	1.17E-07	1.85E-07	3.19E-08	1.78E-07	1.00E-06
1715	494361.06	3858951.99	1.40E-03	1.43E-03	1.36E-03	4.84E-07	1.46E-06	8.47E-07	8.67E-07	7.86E-07	3.50E-07	3.42E-07	1.62E-08	3.91E-07	8.62E-08	1.18E-07	1.87E-07	3.21E-08	1.79E-07	1.01E-06
1716	494411.06	3858951.99	1.39E-03	1.42E-03	1.35E-03	4.80E-07	1.45E-06	8.39E-07	8.58E-07	7.78E-07	3.47E-07	3.38E-07	1.60E-08	3.87E-07	8.54E-08	1.17E-07	1.85E-07	3.18E-08	1.78E-07	9.99E-07
1717	494461.06	3858951.99	1.40E-03	1.43E-03	1.36E-03	4.84E-07	1.46E-06	8.45E-07	8.65E-07	7.84E-07	3.50E-07	3.41E-07	1.61E-08	3.90E-07	8.61E-08	1.17E-07	1.86E-07	3.21E-08	1.79E-07	1.01E-06
1718	494511.06	3858951.99	1.39E-03	1.42E-03	1.35E-03	4.80E-07	1.45E-06	8.39E-07	8.59E-07	7.78E-07	3.47E-07	3.38E-07	1.60E-08	3.87E-07	8.54E-08	1.17E-07	1.85E-07	3.18E-08	1.78E-07	9.99E-07
1719	494561.06	3858951.99	1.37E-03	1.40E-03	1.33E-03	4.74E-07	1.43E-06	8.28E-07	8.47E-07	7.68E-07	3.42E-07	3.34E-07	1.58E-08	3.82E-07	8.43E-08	1.15E-07	1.82E-07	3.14E-08	1.75E-07	9.86E-07
1720	494611.06	3858951.99	1.34E-03	1.37E-03	1.31E-03	4.65E-07	1.40E-06	8.12E-07	8.31E-07	7.54E-07	3.36E-07	3.28E-07	1.55E-08	3.75E-07	8.27E-08	1.13E-07	1.79E-07	3.08E-08	1.72E-07	9.68E-07
1721	494661.06	3858951.99	1.32E-03	1.35E-03	1.29E-03	4.56E-07	1.38E-06	7.98E-07	8.16E-07	7.40E-07	3.30E-07	3.22E-07	1.52E-08	3.68E-07	8.12E-08	1.11E-07	1.76E-07	3.03E-08	1.69E-07	9.50E-07
1722	494711.06	3858951.99	1.29E-03	1.32E-03	1.25E-03	4.45E-07	1.34E-06	7.78E-07	7.96E-07	7.22E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.92E-08	1.08E-07	1.72E-07	2.95E-08	1.65E-07	9.27E-07
1723	494761.06	3858951.99	1.26E-03	1.29E-03	1.23E-03	4.37E-07	1.32E-06	7.63E-07	7.81E-07	7.08E-07	3.16E-07	3.08E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.90E-08	1.62E-07	9.10E-07
1724	494811.06	3858951.99	1.24E-03	1.27E-03	1.21E-03	4.31E-07	1.30E-06	7.53E-07	7.71E-07	6.99E-07	3.11E-07	3.04E-07	1.44E-08	3.47E-07	7.67E-08	1.05E-07	1.66E-07	2.86E-08	1.59E-07	8.97E-07
1725	494861.06	3858951.99	1.23E-03	1.26E-03	1.20E-03	4.25E-07	1.28E-06	7.42E-07	7.60E-07	6.89E-07	3.07E-07	3.00E-07	1.42E-08	3.43E-07	7.56E-08	1.03E-07	1.64E-07	2.82E-08	1.57E-07	8.85E-07
1726	494911.06	3858951.99	1.20E-03	1.23E-03	1.17E-03	4.16E-07	1.26E-06	7.28E-07	7.45E-07	6.75E-07	3.01E-07	2.94E-07	1.39E-08	3.36E-07	7.41E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.67E-07
1727	494961.06	3858951.99	1.19E-03	1.22E-03	1.16E-03	4.12E-07	1.24E-06	7.20E-07	7.37E-07	6.68E-07	2.98E-07	2.90E-07	1.37E-08	3.32E-07	7.33E-08	1.00E-07	1.59E-07	2.73E-08	1.52E-07	8.58E-07
1728	495011.06	3858951.99	1.15E-03	1.18E-03	1.13E-03	4.00E-07	1.21E-06	6.99E-07	7.15E-07	6.48E-07	2.89E-07	2.82E-07	1.33E-08	3.22E-07	7.12E-08	9.71E-08	1.54E-07	2.65E-08	1.48E-07	8.33E-07
1729	495061.06	3858951.99	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.17E-06	6.79E-07	6.95E-07	6.30E-07	2.81E-07	2.74E-07	1.30E-08	3.13E-07	6.92E-08	9.44E-08	1.50E-07	2.58E-08	1.44E-07	8.09E-07
1730	495111.06	3858951.99	1.10E-03	1.12E-03	1.07E-03	3.80E-07	1.15E-06	6.64E-07	6.80E-07	6.16E-07	2.75E-07	2.68E-07	1.27E-08	3.06E-07	6.76E-08	9.23E-08	1.46E-07	2.52E-08	1.41E-07	7.91E-07
1731	495161.06	3858951.99	1.10E-03	1.13E-03	1.08E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.76E-07	2.69E-07	1.28E-08	3.08E-07	6.80E-08	9.28E-08	1.47E-07	2.54E-08	1.41E-07	7.96E-07
1732	495211.06	3858951.99	1.10E-03	1.13E-03	1.07E-03	3.81E-07	1.15E-06	6.65E-07	6.81E-07	6.17E-07	2.75E-07	2.68E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.52E-08	1.41E-07	7.93E-07
1733	495261.06	3858951.99	1.09E-03	1.12E-03	1.07E-03	3.79E-07	1.14E-06	6.62E-07	6.78E-07	6.15E-07	2.74E-07	2.67E-07	1.27E-08	3.06E-07	6.74E-08	9.20E-08	1.46E-07	2.51E-08	1.40E-07	7.89E-07
1734	495311.06	3858951.99	1.08E-03	1.11E-03	1.05E-03	3.74E-07	1.13E-06	6.54E-07	6.69E-07	6.07E-07	2.71E-07	2.64E-07	1.25E-08	3.02E-07	6.66E-08	9.09E-08	1.44E-07	2.48E-08	1.38E-07	7.79E-07
1735	495361.06	3858951.99	1.08E-03	1.10E-03	1.05E-03	3.73E-07	1.13E-06	6.52E-07	6.67E-07	6.05E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.64E-08	9.06E-08	1.44E-07	2.47E-08	1.38E-07	7.77E-07
1736	495411.06	3858951.99	1.08E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.51E-07	6.66E-07	6.04E-07	2.69E-07	2.63E-07	1.24E-08	3.00E-07	6.63E-08	9.05E-08	1.43E-07	2.47E-08	1.38E-07	7.75E-07
1737	495461.06	3858951.99	1.07E-03	1.09E-03	1.04E-03	3.70E-07	1.12E-06	6.46E-07	6.61E-07	6.00E-07	2.67E-07	2.61E-07	1.23E-08	2.98E-07	6.58E-08	8.98E-08	1.42E-07	2.45E-08	1.37E-07	7.70E-07
1738	495511.06	3858951.99	1.06E-03	1.09E-03	1.04E-03	3.68E-07	1.11E-06	6.44E-07	6.59E-07	5.97E-07	2.66E-07	2.60E-07	1.23E-08	2.97E-07	6.55E-08	8.94E-08	1.42E-07	2.44E-08	1.36E-07	7.67E-07
1739	495561.06	3858951.99	1.04E-03	1.07E-03	1.02E-03	3.62E-07	1.09E-06	6.32E-07	6.47E-07	5.87E-07	2.62E-07	2.55E-07	1.21E-08	2.92E-07	6.44E-08	8.79E-08	1.39E-07	2.40E-08	1.34E-07	7.53E-07
1740	495611.06	3858951.99	1.03E-03	1.06E-03	1.01E-03	3.58E-07	1.08E-06	6.25E-07	6.40E-07	5.80E-07	2.59E-07	2.52E-07	1.19E-08	2.88E-07	6.36E-08	8.69E-08	1.38E-07	2.37E-08	1.32E-07	7.45E-07
1741	495661.06	3858951.99	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.08E-06	6.23E-07	6.37E-07	5.78E-07	2.58E-07	2.51E-07	1.19E-08	2.87E-07	6.34E-08	8.65E-08	1.37E-07	2.36E-08	1.32E-07	7.42E-07
1742	494311.06	3859001.99	1.48E-03	1.51E-03	1.44E-03	5.12E-07	1.54E-06	8.94E-07	9.15E-07	8.30E-07	3.70E-07	3.61E-07	1.71E-08	4.13E-07	9.11E-08	1.24E-07	1.97E-07	3.39E-08	1.89E-07	1.07E-06
1743	494361.06	3859001.99	1.47E-03	1.51E-03	1.44E-03	5.10E-07	1.54E-06	8.91E-07	9.12E-07	8.27E-07	3.69E-07	3.59E-07	1.70E-08	4.11E-07	9.07E-08	1.24E-07	1.96E-07	3.38E-08	1.89E-07	1.06E-06
1744	494411.06	3859001.99	1.48E-03	1.51E-03	1.44E-03	5.11E-07	1.54E-06	8.94E-07	9.15E-07	8.29E-07	3.70E-07	3.60E-07	1.71E-08	4.12E-07	9.10E-08	1.24E-07	1.97E-07	3.39E-08	1.89E-07	1.06E-06
1745	494461.06	3859001.99	1.47E-03	1.50E-03	1.43E-03	5.07E-07	1.53E-06	8.87E-07	9.08E-07	8.23E-07	3.67E-07	3.58E-07	1.69E-08	4.09E-07	9.03E-08	1.23E-07	1.96E-07	3.37E-08	1.88E-07	1.06E-06
1746	494511.06	3859001.99	1.45E-03	1.49E-03	1.42E-03	5.03E-07	1.52E-06	8.80E-07	9.01E-07	8.16E-07	3.64E-07	3.55E-07	1.68E-08	4.06E-07	8.96E-08	1.22E-07	1.94E-07	3.34E-08	1.86E-07	1.05E-06
1747	494561.06	3859001.99	1.43E-03	1.46E-03	1.39E-03	4.94E-07	1.49E-06	8.63E-07	8.84E-07	8.01E-07	3.57E-07	3.48E-07	1.65E-08	3.98E-07	8.79E-08	1.20E-07	1.90E-07	3.28E-08	1.83E-07	1.03E-06
1748	494611.06	3859001.99	1.40E-03	1.43E-03	1.37E-03	4.85E-07	1.46E-06	8.48E-07	8.68E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.91E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
1749	494661.06	3859001.99	1.37E-03	1.40E-03	1.34E-03	4.75E-07	1.43E-06	8.30E-07	8.50E-07	7.70E-07	3.43E-07	3.35E-07	1.59E-08	3.83E-07	8.45E-08	1.15E-07	1.83E-07	3.15E-08	1.76E-07	9.89E-07
1750	494711.06	3859001.99	1.34E-03	1.37E-03	1.30E-03	4.63E-07	1.40E-06	8.09E-07	8.28E-07	7.51E-07	3.35E-07	3.27E-07	1.55E-08	3.73E-07	8.24E-08	1.12E-07	1.78E-07	3.07E-08	1.71E-07	9.64E-07
1751	494761.06	3859001.99	1.32E-03	1.35E-03	1.28E-03	4.56E-07	1.38E-06	7.96E-07	8.15E-07	7.39E-07	3.29E-07	3.21E-07	1.52E-08	3.68E-07	8.11E-08	1.11E-07	1.76E-07	3.02E-08	1.69E-07	9.49E-07
1752	494811.06	3859001.99	1.30E-03	1.33E-03	1.27E-03	4.51E-07	1.36E-06	7.88E-07	8.07E-07	7.31E-07	3.26E-07	3.18E-07	1.51E-08	3.64E-07	8.02E-08	1.10E-07	1.74E-07	2.99E-08	1.67E-07	9.39E-07
1753	494861.06	3859001.99	1.28E-03	1.31E-03	1.25E-03	4.43E-07	1.34E-06	7.74E-07	7.93E-07	7.18E-07	3.20E-07	3.12E-07	1.48E-08	3.57E-07	7.88E-08	1.08E-07	1.71E-07	2.94E-08	1.64E-07	9.23E-07
1754	494911.06	3859001.99	1.26E-03	1.29E-03	1.22E-03	4.35E-07	1.31E-06	7.60E-07	7.78E-07	7.05E-07	3.14E-07	3.07E-07	1.45E-08	3.51E-07	7.74E-08	1.06E-07	1.68E-07	2.88E-08	1.61E-07	9.05E-07
1755	494961.06	3859001.99	1.23E-03	1.26E-03	1.20E-03	4.26E-07	1.29E-06	7.45E-07	7.63E-07	6.92E-07	3.08E-07	3.01E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.83E-08	1.58E-07	8.88E-07
1756	495011.06	3859001.99	1.18E-03	1.20E-03	1.15E-03	4.07E-07	1.23E-06	7.11E-07	7.28E-07	6.60E-07	2.94E-07	2.87E-07	1.36E-08	3.28E-07	7.24E-08	9.88E-08	1.57E-07	2.70E-08	1.51E-07	8.47E-07
1757	495061.06	3859001.99	1.16E-03	1.19E-03	1.13E-03	4.02E-07	1.21E-06	7.03E-07	7.19E-07	6.52E-07	2.91E-07	2.84E-07	1.34E-08	3.24E-07	7.16E-08	9.77E-08	1.55E-07	2.67E-08	1.49E-07	8.37E-07
1758	495111.06	3859001.99	1.14E-03	1.16E-03	1.11E-03	3.93E-07	1.19E-06	6.88E-07	7.04E-07	6.38E-07	2.84E-07	2.77E-07	1.31E-08	3.17E-07	7.00E-08	9.56E-08	1.52E-07	2.61E-08	1.46E-07	8.19E-07
1759	495161.06	3859001.99	1.15E-03	1.18E-03	1.12E-03	3.98E-07	1.20E-06	6.95E-07	7.12E-07	6.45E-07	2.88E-07	2.81E-07	1.33E-08	3.21E-07	7.08E-08	9.66E-08	1.53E-07	2.64E-08	1.47E-07	8.29E-07
1760	495211.06	3859001.99	1.14E-03	1.17E-03	1.11E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.86E-07	2.79E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.62E-08	1.46E-07	8.23E-07
1761	495261.06	3859001.99	1.14E-03	1.16E-03	1.11E-03	3.94E-07	1.19E-06	6.88E-07	7.04E-07	6.38E-07	2.85E-07	2.78E-07	1.31E-08	3.18E-07	7.01E-08	9.56E-08	1.52E-07	2.61E-08	1.46E-07	8.20E-07
1762	495311.06	3859001.99	1.13E-03	1.15E-03	1.10E-03	3.90E-07	1.18E-06	6.82E-07	6.99E-07	6.33E-07	2.82E-07	2.75E-07	1.30E-08	3.15E-07	6.95E-08	9.48E-08	1.50E-07	2.59E-08	1.44E-07	8.13E-07
1763	495361.06	3859001.99	1.12E-03	1.15E-03	1.10E-03	3.89E-07	1.17E-06	6.80E-07	6.96E-07	6.31E-07	2.81E-07	2.74E-07	1.30E-08	3.14E-07	6.92E-08	9.45E-08	1.50E-07	2.58E-08	1.44E-07	8.10E-07
1764	495411.06	3859001.99	1.12E-03	1.14E-03	1.09E-03	3.86E-07	1.17E-06	6.76E-07	6.91E-07	6.27E-07	2.79E-07	2.73E-07	1.29E-08	3.12E-07	6.88E-08	9.39E-08	1.49E-07	2.56E-08	1.43E-07	8.05E-07
1765	495461.06	3859001.99	1.11E-03	1.14E-03	1.08E-03	3.84E-07	1.16E-06	6.72E-07	6.88E-07	6.24E-07	2.78E-07	2.71E-07	1.28E-08	3.10E-07	6.84E-08	9.34E-08	1.48E-07	2.55E-08	1.42E-07	8.01E-07
1766	495511.06	3859001.99	1.09E-03	1.12E-03	1.07E-03	3.79E-07	1.14E-06	6.62E-07	6.78E-07	6.15E-07	2.74E-07	2.67E-07	1.27E-08	3.06E-07	6.75E-08	9.21E-08	1.46E-07	2.51E-08	1.40E-07	7.89E-07
1767	495561.06	3859001.99	1.08E-03	1.11E-03	1.06E-03	3.75E-07	1.13E-06	6.56E-07	6.72E-07	6.09E-07	2.71E-07	2.65E-07	1.25E-08	3.03E-07	6.68E-08	9.12E-08	1.45E-07	2.49E-08	1.39E-07	7.82E-07
1768	495611.06	3859001.99	1.07E-03	1.10E-03	1.05E-03	3.71E-07	1.12E-06	6.49E-07	6.64E-07	6.02E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.61E-08	9.02E-08	1.43E-07	2.46E-08	1.37E-07	7.74E-07
1769	495661.06	3859001.99	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.50E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.62E-08	9.03E-08	1.43E-07	2.47E-08	1.38E-07	7.75E-07
1770	494311.06	3859051.99	1.56E-03	1.60E-03	1.52E-03	5.41E-07	1.63E-06	9.45E-07	9.67E-07	8.77E-07	3.91E-07	3.81E-07	1.81E-08	4.36E-07	9.62E-08	1.31E-07	2.08E-07	3.59E-08	2.00E-07	1.13E-06
1771	494361.06	3859051.99	1.57E-03	1.61E-03	1.53E-03	5.43E-07	1.64E-06	9.50E-07	9.72E-07	8.81E-07	3.93E-07	3.83E-07	1.81E-08	4.38E-07	9.67E-08	1.32E-07	2.09E-07	3.61E-08	2.01E-07	1.13E-06
1772	494411.06	3859051.99	1.55E-03	1.59E-03	1.51E-03	5.38E-07	1.62E-06	9.40E-07	9.62E-07	8.72E-07	3.89E-07	3.79E-07	1.80E-08	4.34E-07	9.57E-08	1.31E-07	2.07E-07	3.57E-08	1.99E-07	1.12E-06
1773	494461.06	3859051.99	1.53E-03	1.57E-03	1.50E-03	5.31E-07	1.60E-06	9.28E-07	9.50E-07	8.61E-07	3.84E-07	3.74E-07	1.77E-08	4.28E-07	9.45E-08	1.29E-07	2.05E-07	3.52E-08	1.96E-07	1.11E-06
1774	494511.06	3859051.99	1.51E-03	1.54E-03	1.47E-03	5.22E-07	1.58E-06	9.12E-07	9.34E-07	8.47E-07	3.77E-07	3.68E-07	1.74E-08	4.21E-07	9.29E-08	1.27E-07	2.01E-07	3.46E-08	1.93E-07	1.09E-06
1775	494561.06	3859051.99	1.49E-03	1.52E-03	1.45E-03	5.15E-07	1.55E-06	9.00E-07	9.21E-07	8.35E-07	3.72E-07	3.63E-07	1.72E-08	4.15E-07	9.16E-08	1.25E-07	1.98E-07	3.41E-08	1.90E-07	1.07E-06
1776	494611.06	3859051.99	1.46E-03	1.49E-03	1.42E-03	5.05E-07	1.52E-06	8.83E-07	9.04E-07	8.19E-07	3.65E-07	3.56E-07	1.69E-08	4.07E-07	8.99E-08	1.23E-07	1.95E-07	3.35E-08	1.87E-07	1.05E-06
1777	494661.06	3859051.99	1.43E-03	1.46E-03	1.39E-03	4.95E-07	1.49E-06	8.65E-07	8.85E-07	8.03E-07	3.58E-07	3.49E-07	1.65E-08	3.99E-07	8.81E-08	1.20E-07	1.91E-07	3.28E-08	1.83E-07	1.03E-06
1778	494711.06	3859051.99	1.40E-03	1.44E-03	1.37E-03	4.85E-07	1.47E-06	8.49E-07	8.69E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.92E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
1779	494761.06	3859051.99	1.37E-03	1.41E-03	1.34E-03	4.76E-07	1.44E-06	8.32E-07	8.51E-07	7.72E-07	3.44E-07	3.35E-07	1.59E-08	3.84E-07	8.47E-08	1.16E-07	1.83E-07	3.16E-08	1.76E-07	9.91E-07
1780	494811.06	3859051.99	1.35E-03	1.39E-03	1.32E-03	4.69E-07	1.42E-06	8.19E-07	8.39E-07	7.60E-07	3.39E-07	3.31E-07	1.57E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.11E-08	1.73E-07	9.76E-07
1781	494861.06	3859051.99	1.33E-03	1.37E-03	1.30E-03	4.62E-07	1.39E-06	8.07E-07	8.26E-07	7.49E-07	3.34E-07	3.26E-07	1.54E-08	3.72E-07	8.22E-08	1.12E-07	1.78E-07	3.06E-08	1.71E-07	9.61E-07
1782	494911.06	3859051.99	1.30E-03	1.33E-03	1.27E-03	4.51E-07	1.36E-06	7.89E-07	8.07E-07	7.32E-07	3.26E-07	3.18E-07	1.51E-08	3.64E-07	8.03E-08	1.10E-07	1.74E-07	2.99E-08	1.67E-07	9.40E-07
1783	494961.06	3859051.99	1.26E-03	1.29E-03	1.23E-03	4.37E-07	1.32E-06	7.64E-07	7.82E-07	7.09E-07	3.16E-07	3.08E-07	1.46E-08	3.52E-07	7.78E-08	1.06E-07	1.68E-07	2.90E-08	1.62E-07	9.10E-07
1784	495011.06	3859051.99	1.23E-03	1.26E-03	1.20E-03	4.26E-07	1.29E-06	7.45E-07	7.62E-07	6.91E-07	3.08E-07	3.00E-07	1.42E-08	3.44E-07	7.58E-08	1.03E-07	1.64E-07	2.83E-08	1.58E-07	8.87E-07
1785	495061.06	3859051.99	1.21E-03	1.24E-03	1.18E-03	4.19E-07	1.26E-06	7.32E-07	7.49E-07	6.79E-07	3.03E-07	2.95E-07	1.40E-08	3.38E-07	7.45E-08	1.02E-07	1.61E-07	2.78E-08	1.55E-07	8.72E-07
1786	495111.06	3859051.99	1.20E-03	1.22E-03	1.17E-03	4.14E-07	1.25E-06	7.23E-07	7.41E-07	6.71E-07	2.99E-07	2.92E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.75E-08	1.53E-07	8.62E-07
1787	495161.06	3859051.99	1.20E-03	1.23E-03	1.17E-03	4.15E-07	1.25E-06	7.26E-07	7.43E-07	6.74E-07	3.00E-07	2.93E-07	1.39E-08	3.35E-07	7.39E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.65E-07
1788	495211.06	3859051.99	1.18E-03	1.21E-03	1.16E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.65E-07	2.96E-07	2.89E-07	1.37E-08	3.31E-07	7.30E-08	9.96E-08	1.58E-07	2.72E-08	1.52E-07	8.54E-07
1789	495261.06	3859051.99	1.18E-03	1.21E-03	1.15E-03	4.10E-07	1.24E-06	7.16E-07	7.33E-07	6.65E-07	2.96E-07	2.89E-07	1.37E-08	3.31E-07	7.29E-08	9.96E-08	1.58E-07	2.72E-08	1.52E-07	8.54E-07
1790	495311.06	3859051.99	1.17E-03	1.20E-03	1.14E-03	4.06E-07	1.23E-06	7.09E-07	7.26E-07	6.58E-07	2.93E-07	2.86E-07	1.36E-08	3.27E-07	7.22E-08	9.86E-08	1.56E-07	2.69E-08	1.50E-07	8.45E-07
1791	495361.06	3859051.99	1.17E-03	1.19E-03	1.14E-03	4.03E-07	1.22E-06	7.05E-07	7.22E-07	6.54E-07	2.92E-07	2.84E-07	1.35E-08	3.25E-07	7.18E-08	9.80E-08	1.55E-07	2.68E-08	1.49E-07	8.40E-07
1792	495411.06	3859051.99	1.16E-03	1.19E-03	1.13E-03	4.02E-07	1.21E-06	7.03E-07	7.19E-07	6.52E-07	2.91E-07	2.84E-07	1.34E-08	3.24E-07	7.16E-08	9.77E-08	1.55E-07	2.67E-08	1.49E-07	8.37E-07
1793	495461.06	3859051.99	1.16E-03	1.18E-03	1.13E-03	4.01E-07	1.21E-06	7.00E-07	7.17E-07	6.50E-07	2.90E-07	2.82E-07	1.34E-08	3.23E-07	7.13E-08	9.73E-08	1.54E-07	2.66E-08	1.48E-07	8.34E-07
1794	495511.06	3859051.99	1.14E-03	1.17E-03	1.11E-03	3.94E-07	1.19E-06	6.90E-07	7.06E-07	6.40E-07	2.85E-07	2.78E-07	1.32E-08	3.18E-07	7.02E-08	9.58E-08	1.52E-07	2.62E-08	1.46E-07	8.22E-07
1795	495561.06	3859051.99	1.13E-03	1.15E-03	1.10E-03	3.90E-07	1.18E-06	6.81E-07	6.97E-07	6.32E-07	2.82E-07	2.75E-07	1.30E-08	3.14E-07	6.94E-08	9.47E-08	1.50E-07	2.59E-08	1.44E-07	8.12E-07
1796	495611.06	3859051.99	1.11E-03	1.14E-03	1.09E-03	3.85E-07	1.16E-06	6.73E-07	6.89E-07	6.25E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.48E-07	2.56E-08	1.43E-07	8.02E-07
1797	495661.06	3859051.99	1.11E-03	1.14E-03	1.09E-03	3.85E-07	1.16E-06	6.74E-07	6.89E-07	6.25E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.56E-08	1.43E-07	8.03E-07
1798	494311.06	3859101.99	1.66E-03	1.70E-03	1.62E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.35E-07	4.17E-07	4.06E-07	1.92E-08	4.65E-07	1.03E-07	1.40E-07	2.22E-07	3.82E-08	2.13E-07	1.20E-06
1799	494361.06	3859101.99	1.65E-03	1.69E-03	1.61E-03	5.70E-07	1.72E-06	9.97E-07	1.02E-06	9.25E-07	4.12E-07	4.02E-07	1.90E-08	4.60E-07	1.02E-07	1.39E-07	2.20E-07	3.78E-08	2.11E-07	1.19E-06
1800	494411.06	3859101.99	1.63E-03	1.67E-03	1.59E-03	5.65E-07	1.71E-06	9.88E-07	1.01E-06	9.17E-07	4.09E-07	3.99E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.75E-08	2.09E-07	1.18E-06
1801	494461.06	3859101.99	1.61E-03	1.65E-03	1.57E-03	5.57E-07	1.68E-06	9.74E-07	9.97E-07	9.04E-07	4.03E-07	3.93E-07	1.86E-08	4.50E-07	9.92E-08	1.35E-07	2.15E-07	3.70E-08	2.06E-07	1.16E-06
1802	494511.06	3859101.99	1.58E-03	1.62E-03	1.54E-03	5.46E-07	1.65E-06	9.55E-07	9.77E-07	8.86E-07	3.95E-07	3.85E-07	1.82E-08	4.41E-07	9.72E-08	1.33E-07	2.11E-07	3.62E-08	2.02E-07	1.14E-06
1803	494561.06	3859101.99	1.55E-03	1.59E-03	1.51E-03	5.38E-07	1.62E-06	9.40E-07	9.62E-07	8.72E-07	3.89E-07	3.79E-07	1.79E-08	4.34E-07	9.57E-08	1.31E-07	2.07E-07	3.57E-08	1.99E-07	1.12E-06
1804	494611.06	3859101.99	1.52E-03	1.55E-03	1.48E-03	5.25E-07	1.58E-06	9.17E-07	9.39E-07	8.51E-07	3.79E-07	3.70E-07	1.75E-08	4.23E-07	9.34E-08	1.27E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
1805	494661.06	3859101.99	1.49E-03	1.53E-03	1.45E-03	5.16E-07	1.56E-06	9.03E-07	9.24E-07	8.38E-07	3.73E-07	3.64E-07	1.72E-08	4.17E-07	9.19E-08	1.25E-07	1.99E-07	3.43E-08	1.91E-07	1.08E-06
1806	494711.06	3859101.99	1.45E-03	1.49E-03	1.42E-03	5.03E-07	1.52E-06	8.79E-07	8.99E-07	8.15E-07	3.63E-07	3.54E-07	1.68E-08	4.05E-07	8.95E-08	1.22E-07	1.94E-07	3.33E-08	1.86E-07	1.05E-06
1807	494761.06	3859101.99	1.44E-03	1.47E-03	1.40E-03	4.98E-07	1.50E-06	8.71E-07	8.91E-07	8.08E-07	3.60E-07	3.51E-07	1.66E-08	4.02E-07	8.87E-08	1.21E-07	1.92E-07	3.31E-08	1.84E-07	1.04E-06
1808	494811.06	3859101.99	1.41E-03	1.45E-03	1.38E-03	4.89E-07	1.48E-06	8.55E-07	8.75E-07	7.93E-07	3.54E-07	3.45E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
1809	494861.06	3859101.99	1.39E-03	1.42E-03	1.35E-03	4.81E-07	1.45E-06	8.40E-07	8.60E-07	7.80E-07	3.48E-07	3.39E-07	1.61E-08	3.88E-07	8.56E-08	1.17E-07	1.85E-07	3.19E-08	1.78E-07	1.00E-06
1810	494911.06	3859101.99	1.36E-03	1.39E-03	1.32E-03	4.69E-07	1.42E-06	8.21E-07	8.40E-07	7.61E-07	3.39E-07	3.31E-07	1.57E-08	3.79E-07	8.36E-08	1.14E-07	1.81E-07	3.11E-08	1.74E-07	9.78E-07
1811	494961.06	3859101.99	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.28E-07	3.20E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.44E-07

1812	495011.06	3859101.99	1.26E-03	1.29E-03	1.23E-03	4.37E-07	1.32E-06	7.64E-07	7.82E-07	7.09E-07	3.16E-07	3.08E-07	1.46E-08	3.53E-07	7.78E-08	1.06E-07	1.68E-07	2.90E-08	1.62E-07	9.10E-07
1813	495061.06	3859101.99	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.07E-07	3.15E-07	3.07E-07	1.45E-08	3.51E-07	7.76E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.07E-07
1814	495111.06	3859101.99	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.52E-07	7.70E-07	6.98E-07	3.11E-07	3.03E-07	1.44E-08	3.47E-07	7.66E-08	1.05E-07	1.66E-07	2.85E-08	1.59E-07	8.96E-07
1815	495161.06	3859101.99	1.25E-03	1.28E-03	1.22E-03	4.31E-07	1.30E-06	7.54E-07	7.72E-07	7.00E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.99E-07
1816	495211.06	3859101.99	1.23E-03	1.26E-03	1.20E-03	4.26E-07	1.29E-06	7.45E-07	7.63E-07	6.92E-07	3.08E-07	3.01E-07	1.42E-08	3.44E-07	7.59E-08	1.04E-07	1.64E-07	2.83E-08	1.58E-07	8.88E-07
1817	495261.06	3859101.99	1.23E-03	1.26E-03	1.20E-03	4.25E-07	1.28E-06	7.43E-07	7.60E-07	6.89E-07	3.07E-07	3.00E-07	1.42E-08	3.43E-07	7.56E-08	1.03E-07	1.64E-07	2.82E-08	1.57E-07	8.85E-07
1818	495311.06	3859101.99	1.22E-03	1.24E-03	1.19E-03	4.21E-07	1.27E-06	7.36E-07	7.53E-07	6.83E-07	3.04E-07	2.97E-07	1.41E-08	3.39E-07	7.49E-08	1.02E-07	1.62E-07	2.79E-08	1.56E-07	8.77E-07
1819	495361.06	3859101.99	1.22E-03	1.25E-03	1.19E-03	4.21E-07	1.27E-06	7.36E-07	7.53E-07	6.83E-07	3.04E-07	2.97E-07	1.41E-08	3.40E-07	7.50E-08	1.02E-07	1.62E-07	2.79E-08	1.56E-07	8.77E-07
1820	495411.06	3859101.99	1.21E-03	1.24E-03	1.18E-03	4.19E-07	1.26E-06	7.32E-07	7.49E-07	6.79E-07	3.03E-07	2.95E-07	1.40E-08	3.38E-07	7.45E-08	1.02E-07	1.61E-07	2.78E-08	1.55E-07	8.72E-07
1821	495461.06	3859101.99	1.19E-03	1.22E-03	1.16E-03	4.12E-07	1.24E-06	7.20E-07	7.37E-07	6.68E-07	2.98E-07	2.91E-07	1.38E-08	3.32E-07	7.33E-08	1.00E-07	1.59E-07	2.73E-08	1.52E-07	8.58E-07
1822	495511.06	3859101.99	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.23E-06	7.15E-07	7.31E-07	6.63E-07	2.96E-07	2.88E-07	1.37E-08	3.30E-07	7.28E-08	9.93E-08	1.58E-07	2.71E-08	1.51E-07	8.51E-07
1823	495561.06	3859101.99	1.17E-03	1.20E-03	1.14E-03	4.06E-07	1.23E-06	7.10E-07	7.26E-07	6.58E-07	2.94E-07	2.86E-07	1.36E-08	3.27E-07	7.23E-08	9.86E-08	1.56E-07	2.69E-08	1.50E-07	8.45E-07
1824	495611.06	3859101.99	1.16E-03	1.18E-03	1.13E-03	4.01E-07	1.21E-06	7.00E-07	7.17E-07	6.50E-07	2.90E-07	2.82E-07	1.34E-08	3.23E-07	7.13E-08	9.73E-08	1.54E-07	2.66E-08	1.48E-07	8.34E-07
1825	495661.06	3859101.99	1.15E-03	1.18E-03	1.12E-03	3.99E-07	1.20E-06	6.97E-07	7.14E-07	6.47E-07	2.88E-07	2.81E-07	1.33E-08	3.22E-07	7.10E-08	9.69E-08	1.54E-07	2.65E-08	1.48E-07	8.31E-07
1826	494311.06	3859151.99	1.75E-03	1.79E-03	1.71E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.83E-07	4.38E-07	4.28E-07	2.02E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.02E-08	2.24E-07	1.26E-06
1827	494361.06	3859151.99	1.74E-03	1.78E-03	1.70E-03	6.02E-07	1.82E-06	1.05E-06	1.08E-06	9.76E-07	4.35E-07	4.24E-07	2.01E-08	4.85E-07	1.07E-07	1.46E-07	2.32E-07	3.99E-08	2.23E-07	1.25E-06
1828	494411.06	3859151.99	1.71E-03	1.75E-03	1.67E-03	5.92E-07	1.79E-06	1.03E-06	1.06E-06	9.59E-07	4.28E-07	4.17E-07	1.98E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	3.93E-08	2.19E-07	1.23E-06
1829	494461.06	3859151.99	1.68E-03	1.72E-03	1.64E-03	5.81E-07	1.76E-06	1.02E-06	1.04E-06	9.43E-07	4.20E-07	4.10E-07	1.94E-08	4.69E-07	1.03E-07	1.41E-07	2.24E-07	3.86E-08	2.15E-07	1.21E-06
1830	494511.06	3859151.99	1.64E-03	1.68E-03	1.60E-03	5.68E-07	1.72E-06	9.94E-07	1.02E-06	9.22E-07	4.11E-07	4.01E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.10E-07	1.18E-06
1831	494561.06	3859151.99	1.62E-03	1.66E-03	1.58E-03	5.61E-07	1.69E-06	9.80E-07	1.00E-06	9.09E-07	4.05E-07	3.95E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.72E-08	2.07E-07	1.17E-06
1832	494611.06	3859151.99	1.58E-03	1.62E-03	1.54E-03	5.48E-07	1.66E-06	9.58E-07	9.81E-07	8.89E-07	3.96E-07	3.86E-07	1.83E-08	4.42E-07	9.76E-08	1.33E-07	2.11E-07	3.64E-08	2.03E-07	1.14E-06
1833	494661.06	3859151.99	1.56E-03	1.60E-03	1.52E-03	5.40E-07	1.63E-06	9.44E-07	9.66E-07	8.76E-07	3.90E-07	3.81E-07	1.80E-08	4.35E-07	9.61E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
1834	494711.06	3859151.99	1.54E-03	1.58E-03	1.50E-03	5.33E-07	1.61E-06	9.31E-07	9.53E-07	8.64E-07	3.85E-07	3.76E-07	1.78E-08	4.30E-07	9.48E-08	1.29E-07	2.05E-07	3.53E-08	1.97E-07	1.11E-06
1835	494761.06	3859151.99	1.50E-03	1.53E-03	1.46E-03	5.19E-07	1.57E-06	9.07E-07	9.29E-07	8.42E-07	3.75E-07	3.66E-07	1.73E-08	4.19E-07	9.24E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
1836	494811.06	3859151.99	1.47E-03	1.50E-03	1.43E-03	5.08E-07	1.53E-06	8.88E-07	9.09E-07	8.24E-07	3.67E-07	3.58E-07	1.70E-08	4.10E-07	9.04E-08	1.23E-07	1.96E-07	3.37E-08	1.88E-07	1.06E-06
1837	494861.06	3859151.99	1.44E-03	1.48E-03	1.41E-03	5.00E-07	1.51E-06	8.74E-07	8.95E-07	8.11E-07	3.62E-07	3.53E-07	1.67E-08	4.03E-07	8.90E-08	1.21E-07	1.93E-07	3.32E-08	1.85E-07	1.04E-06
1838	494911.06	3859151.99	1.41E-03	1.44E-03	1.37E-03	4.87E-07	1.47E-06	8.51E-07	8.71E-07	7.90E-07	3.52E-07	3.43E-07	1.63E-08	3.93E-07	8.67E-08	1.18E-07	1.88E-07	3.23E-08	1.80E-07	1.01E-06
1839	494961.06	3859151.99	1.35E-03	1.39E-03	1.32E-03	4.68E-07	1.41E-06	8.19E-07	8.38E-07	7.60E-07	3.39E-07	3.30E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.80E-07	3.11E-08	1.73E-07	9.75E-07
1840	495011.06	3859151.99	1.31E-03	1.34E-03	1.28E-03	4.55E-07	1.37E-06	7.95E-07	8.13E-07	7.37E-07	3.29E-07	3.21E-07	1.52E-08	3.67E-07	8.09E-08	1.10E-07	1.75E-07	3.02E-08	1.68E-07	9.47E-07
1841	495061.06	3859151.99	1.31E-03	1.34E-03	1.27E-03	4.52E-07	1.36E-06	7.90E-07	8.08E-07	7.33E-07	3.27E-07	3.19E-07	1.51E-08	3.64E-07	8.04E-08	1.10E-07	1.74E-07	3.00E-08	1.67E-07	9.41E-07
1842	495111.06	3859151.99	1.29E-03	1.32E-03	1.26E-03	4.48E-07	1.35E-06	7.83E-07	8.01E-07	7.26E-07	3.24E-07	3.16E-07	1.49E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	2.97E-08	1.66E-07	9.32E-07
1843	495161.06	3859151.99	1.30E-03	1.33E-03	1.26E-03	4.49E-07	1.36E-06	7.84E-07	8.03E-07	7.28E-07	3.24E-07	3.16E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.73E-07	2.98E-08	1.66E-07	9.35E-07
1844	495211.06	3859151.99	1.29E-03	1.32E-03	1.25E-03	4.45E-07	1.34E-06	7.78E-07	7.97E-07	7.22E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.92E-08	1.08E-07	1.72E-07	2.95E-08	1.65E-07	9.27E-07
1845	495261.06	3859151.99	1.28E-03	1.31E-03	1.24E-03	4.42E-07	1.33E-06	7.72E-07	7.90E-07	7.16E-07	3.19E-07	3.11E-07	1.47E-08	3.56E-07	7.86E-08	1.07E-07	1.70E-07	2.93E-08	1.63E-07	9.20E-07
1846	495311.06	3859151.99	1.27E-03	1.30E-03	1.24E-03	4.39E-07	1.32E-06	7.67E-07	7.85E-07	7.12E-07	3.17E-07	3.09E-07	1.47E-08	3.54E-07	7.81E-08	1.07E-07	1.69E-07	2.91E-08	1.62E-07	9.14E-07
1847	495361.06	3859151.99	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.61E-07	7.79E-07	7.06E-07	3.15E-07	3.07E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.07E-07
1848	495411.06	3859151.99	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.07E-07	3.15E-07	3.08E-07	1.46E-08	3.52E-07	7.76E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.08E-07
1849	495461.06	3859151.99	1.25E-03	1.28E-03	1.22E-03	4.33E-07	1.31E-06	7.57E-07	7.75E-07	7.03E-07	3.13E-07	3.05E-07	1.45E-08	3.49E-07	7.71E-08	1.05E-07	1.67E-07	2.87E-08	1.60E-07	9.02E-07
1850	495511.06	3859151.99	1.23E-03	1.26E-03	1.20E-03	4.27E-07	1.29E-06	7.46E-07	7.64E-07	6.92E-07	3.09E-07	3.01E-07	1.43E-08	3.44E-07	7.60E-08	1.04E-07	1.64E-07	2.83E-08	1.58E-07	8.89E-07
1851	495561.06	3859151.99	1.22E-03	1.25E-03	1.19E-03	4.22E-07	1.27E-06	7.37E-07	7.55E-07	6.84E-07	3.05E-07	2.98E-07	1.41E-08	3.40E-07	7.51E-08	1.02E-07	1.63E-07	2.80E-08	1.56E-07	8.79E-07
1852	495611.06	3859151.99	1.21E-03	1.23E-03	1.18E-03	4.18E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.02E-07	2.94E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.77E-08	1.55E-07	8.70E-07
1853	495661.06	3859151.99	1.20E-03	1.22E-03	1.17E-03	4.14E-07	1.25E-06	7.23E-07	7.40E-07	6.71E-07	2.99E-07	2.92E-07	1.38E-08	3.34E-07	7.36E-08	1.01E-07	1.59E-07	2.75E-08	1.53E-07	8.62E-07
1854	494311.06	3859201.99	1.84E-03	1.88E-03	1.80E-03	6.37E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.61E-07	4.49E-07	2.13E-08	5.14E-07	1.13E-07	1.55E-07	2.46E-07	4.23E-08	2.36E-07	1.33E-06
1855	494361.06	3859201.99	1.82E-03	1.86E-03	1.77E-03	6.30E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.55E-07	4.44E-07	2.10E-08	5.08E-07	1.12E-07	1.53E-07	2.43E-07	4.18E-08	2.33E-07	1.31E-06
1856	494411.06	3859201.99	1.79E-03	1.83E-03	1.75E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.48E-07	4.37E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.11E-08	2.29E-07	1.29E-06
1857	494461.06	3859201.99	1.75E-03	1.79E-03	1.71E-03	6.07E-07	1.83E-06	1.06E-06	1.09E-06	9.84E-07	4.39E-07	4.28E-07	2.03E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.02E-08	2.24E-07	1.26E-06
1858	494511.06	3859201.99	1.73E-03	1.77E-03	1.68E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.69E-07	4.32E-07	4.21E-07	1.99E-08	4.82E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
1859	494561.06	3859201.99	1.68E-03	1.72E-03	1.64E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.46E-07	4.22E-07	4.11E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.87E-08	2.16E-07	1.21E-06
1860	494611.06	3859201.99	1.65E-03	1.69E-03	1.61E-03	5.72E-07	1.73E-06	1.00E-06	1.02E-06	9.27E-07	4.13E-07	4.03E-07	1.91E-08	4.61E-07	1.02E-07	1.39E-07	2.20E-07	3.79E-08	2.12E-07	1.19E-06
1861	494661.06	3859201.99	1.63E-03	1.66E-03	1.59E-03	5.63E-07	1.70E-06	9.84E-07	1.01E-06	9.13E-07	4.07E-07	3.97E-07	1.88E-08	4.54E-07	1.00E-07	1.37E-07	2.17E-07	3.73E-08	2.08E-07	1.17E-06
1862	494711.06	3859201.99	1.60E-03	1.64E-03	1.56E-03	5.54E-07	1.67E-06	9.68E-07	9.91E-07	8.98E-07	4.00E-07	3.91E-07	1.85E-08	4.47E-07	9.86E-08	1.35E-07	2.13E-07	3.67E-08	2.05E-07	1.15E-06
1863	494761.06	3859201.99	1.56E-03	1.60E-03	1.52E-03	5.40E-07	1.63E-06	9.44E-07	9.66E-07	8.76E-07	3.90E-07	3.81E-07	1.80E-08	4.36E-07	9.61E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
1864	494811.06	3859201.99	1.53E-03	1.56E-03	1.49E-03	5.29E-07	1.60E-06	9.24E-07	9.46E-07	8.58E-07	3.82E-07	3.73E-07	1.77E-08	4.27E-07	9.41E-08	1.28E-07	2.04E-07	3.51E-08	1.96E-07	1.10E-06
1865	494861.06	3859201.99	1.49E-03	1.52E-03	1.45E-03	5.15E-07	1.55E-06	8.99E-07	9.21E-07	8.34E-07	3.72E-07	3.63E-07	1.72E-08	4.15E-07	9.16E-08	1.25E-07	1.98E-07	3.41E-08	1.90E-07	1.07E-06
1866	494911.06	3859201.99	1.45E-03	1.48E-03	1.41E-03	5.01E-07	1.51E-06	8.76E-07	8.96E-07	8.13E-07	3.62E-07	3.53E-07	1.67E-08	4.04E-07	8.92E-08	1.22E-07	1.93E-07	3.32E-08	1.85E-07	1.04E-06
1867	494961.06	3859201.99	1.40E-03	1.44E-03	1.37E-03	4.86E-07	1.47E-06	8.49E-07	8.69E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.92E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
1868	495011.06	3859201.99	1.35E-03	1.38E-03	1.31E-03	4.66E-07	1.41E-06	8.15E-07	8.34E-07	7.56E-07	3.37E-07	3.29E-07	1.56E-08	3.76E-07	8.30E-08	1.13E-07	1.80E-07	3.09E-08	1.73E-07	9.71E-07
1869	495061.06	3859201.99	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.23E-07	8.42E-07	7.64E-07	3.40E-07	3.32E-07	1.57E-08	3.80E-07	8.38E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.81E-07
1870	495111.06	3859201.99	1.35E-03	1.39E-03	1.32E-03	4.69E-07	1.42E-06	8.19E-07	8.38E-07	7.60E-07	3.39E-07	3.30E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.11E-08	1.73E-07	9.76E-07
1871	495161.06	3859201.99	1.35E-03	1.38E-03	1.31E-03	4.66E-07	1.41E-06	8.14E-07	8.33E-07	7.55E-07	3.37E-07	3.28E-07	1.56E-08	3.76E-07	8.29E-08	1.13E-07	1.79E-07	3.09E-08	1.72E-07	9.70E-07
1872	495211.06	3859201.99	1.33E-03	1.36E-03	1.30E-03	4.60E-07	1.39E-06	8.05E-07	8.24E-07	7.47E-07	3.33E-07	3.25E-07	1.54E-08	3.71E-07	8.19E-08	1.12E-07	1.77E-07	3.05E-08	1.70E-07	9.59E-07
1873	495261.06	3859201.99	1.32E-03	1.36E-03	1.29E-03	4.58E-07	1.38E-06	8.01E-07	8.20E-07	7.44E-07	3.31E-07	3.23E-07	1.53E-08	3.70E-07	8.16E-08	1.11E-07	1.77E-07	3.04E-08	1.70E-07	9.55E-07
1874	495311.06	3859201.99	1.32E-03	1.35E-03	1.28E-03	4.55E-07	1.38E-06	7.96E-07	8.15E-07	7.39E-07	3.29E-07	3.21E-07	1.52E-08	3.67E-07	8.11E-08	1.11E-07	1.76E-07	3.02E-08	1.69E-07	9.49E-07
1875	495361.06	3859201.99	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.92E-07	8.10E-07	7.35E-07	3.27E-07	3.19E-07	1.51E-08	3.65E-07	8.06E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.43E-07
1876	495411.06	3859201.99	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.91E-07	8.10E-07	7.34E-07	3.27E-07	3.19E-07	1.51E-08	3.65E-07	8.06E-08	1.10E-07	1.74E-07	3.00E-08	1.68E-07	9.43E-07
1877	495461.06	3859201.99	1.30E-03	1.33E-03	1.26E-03	4.49E-07	1.35E-06	7.84E-07	8.03E-07	7.28E-07	3.24E-07	3.16E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.73E-07	2.98E-08	1.66E-07	9.34E-07
1878	495511.06	3859201.99	1.28E-03	1.31E-03	1.25E-03	4.45E-07	1.34E-06	7.77E-07	7.96E-07	7.21E-07	3.21E-07	3.14E-07	1.48E-08	3.59E-07	7.91E-08	1.08E-07	1.71E-07	2.95E-08	1.65E-07	9.26E-07
1879	495561.06	3859201.99	1.26E-03	1.29E-03	1.23E-03	4.38E-07	1.32E-06	7.65E-07	7.83E-07	7.10E-07	3.16E-07	3.09E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.90E-08	1.62E-07	9.11E-07
1880	495611.06	3859201.99	1.25E-03	1.28E-03	1.22E-03	4.32E-07	1.30E-06	7.55E-07	7.73E-07	7.01E-07	3.12E-07	3.05E-07	1.44E-08	3.49E-07	7.69E-08	1.05E-07	1.67E-07	2.87E-08	1.60E-07	9.00E-07
1881	495661.06	3859201.99	1.24E-03	1.27E-03	1.21E-03	4.28E-07	1.29E-06	7.48E-07	7.66E-07	6.94E-07	3.10E-07	3.02E-07	1.43E-08	3.45E-07	7.62E-08	1.04E-07	1.65E-07	2.84E-08	1.58E-07	8.92E-07
1882	494311.06	3859251.99	1.94E-03	1.98E-03	1.89E-03	6.70E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.84E-07	4.72E-07	2.24E-08	5.40E-07	1.19E-07	1.63E-07	2.58E-07	4.45E-08	2.48E-07	1.40E-06
1883	494361.06	3859251.99	1.90E-03	1.95E-03	1.85E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.76E-07	4.64E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.37E-08	2.44E-07	1.37E-06
1884	494411.06	3859251.99	1.86E-03	1.90E-03	1.81E-03	6.43E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.65E-07	4.53E-07	2.15E-08	5.19E-07	1.14E-07	1.56E-07	2.48E-07	4.27E-08	2.38E-07	1.34E-06
1885	494461.06	3859251.99	1.83E-03	1.87E-03	1.78E-03	6.33E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.58E-07	4.46E-07	2.11E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.20E-08	2.34E-07	1.32E-06
1886	494511.06	3859251.99	1.78E-03	1.83E-03	1.74E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.46E-07	4.35E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.10E-08	2.28E-07	1.29E-06
1887	494561.06	3859251.99	1.75E-03	1.79E-03	1.71E-03	6.07E-07	1.83E-06	1.06E-06	1.09E-06	9.84E-07	4.39E-07	4.28E-07	2.03E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.03E-08	2.25E-07	1.26E-06
1888	494611.06	3859251.99	1.72E-03	1.76E-03	1.67E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.63E-07	4.29E-07	4.19E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	3.94E-08	2.20E-07	1.24E-06
1889	494661.06	3859251.99	1.69E-03	1.73E-03	1.65E-03	5.86E-07	1.77E-06	1.02E-06	1.05E-06	9.51E-07	4.24E-07	4.13E-07	1.96E-08	4.73E-07	1.04E-07	1.42E-07	2.26E-07	3.89E-08	2.17E-07	1.22E-06
1890	494711.06	3859251.99	1.66E-03	1.70E-03	1.62E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.35E-07	4.17E-07	4.06E-07	1.92E-08	4.65E-07	1.03E-07	1.40E-07	2.22E-07	3.82E-08	2.13E-07	1.20E-06
1891	494761.06	3859251.99	1.60E-03	1.63E-03	1.56E-03	5.53E-07	1.67E-06	9.66E-07	9.89E-07	8.97E-07	4.00E-07	3.90E-07	1.85E-08	4.46E-07	9.84E-08	1.34E-07	2.13E-07	3.67E-08	2.05E-07	1.15E-06
1892	494811.06	3859251.99	1.59E-03	1.63E-03	1.55E-03	5.50E-07	1.66E-06	9.61E-07	9.84E-07	8.92E-07	3.98E-07	3.88E-07	1.84E-08	4.44E-07	9.79E-08	1.34E-07	2.12E-07	3.65E-08	2.03E-07	1.15E-06
1893	494861.06	3859251.99	1.53E-03	1.56E-03	1.49E-03	5.29E-07	1.60E-06	9.24E-07	9.46E-07	8.57E-07	3.82E-07	3.73E-07	1.77E-08	4.26E-07	9.41E-08	1.28E-07	2.04E-07	3.51E-08	1.96E-07	1.10E-06
1894	494911.06	3859251.99	1.49E-03	1.52E-03	1.45E-03	5.15E-07	1.56E-06	9.00E-07	9.21E-07	8.35E-07	3.72E-07	3.63E-07	1.72E-08	4.15E-07	9.17E-08	1.25E-07	1.98E-07	3.42E-08	1.91E-07	1.07E-06
1895	494961.06	3859251.99	1.46E-03	1.50E-03	1.43E-03	5.06E-07	1.53E-06	8.84E-07	9.05E-07	8.21E-07	3.66E-07	3.57E-07	1.69E-08	4.08E-07	9.01E-08	1.23E-07	1.95E-07	3.36E-08	1.87E-07	1.05E-06
1896	495011.06	3859251.99	1.43E-03	1.47E-03	1.40E-03	4.96E-07	1.50E-06	8.66E-07	8.87E-07	8.04E-07	3.58E-07	3.49E-07	1.65E-08	4.00E-07	8.82E-08	1.20E-07	1.91E-07	3.29E-08	1.83E-07	1.03E-06
1897	495061.06	3859251.99	1.43E-03	1.46E-03	1.39E-03	4.94E-07	1.49E-06	8.63E-07	8.84E-07	8.01E-07	3.57E-07	3.48E-07	1.65E-08	3.98E-07	8.79E-08	1.20E-07	1.90E-07	3.28E-08	1.83E-07	1.03E-06
1898	495111.06	3859251.99	1.41E-03	1.45E-03	1.38E-03	4.89E-07	1.48E-06	8.54E-07	8.74E-07	7.93E-07	3.53E-07	3.45E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
1899	495161.06	3859251.99	1.40E-03	1.43E-03	1.37E-03	4.85E-07	1.47E-06	8.48E-07	8.68E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.91E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
1900	495211.06	3859251.99	1.39E-03	1.42E-03	1.35E-03	4.80E-07	1.45E-06	8.39E-07	8.58E-07	7.78E-07	3.47E-07	3.38E-07	1.60E-08	3.87E-07	8.54E-08	1.17E-07	1.85E-07	3.18E-08	1.78E-07	9.99E-07
1901	495261.06	3859251.99	1.37E-03	1.40E-03	1.34E-03	4.75E-07	1.43E-06	8.30E-07	8.49E-07	7.70E-07	3.43E-07	3.35E-07	1.59E-08	3.83E-07	8.45E-08	1.15E-07	1.83E-07	3.15E-08	1.76E-07	9.89E-07
1902	495311.06	3859251.99	1.37E-03	1.40E-03	1.34E-03	4.75E-07	1.43E-06	8.30E-07	8.49E-07	7.70E-07	3.43E-07	3.35E-07	1.59E-08	3.83E-07	8.45E-08	1.15E-07	1.83E-07	3.15E-08	1.76E-07	9.89E-07
1903	495361.06	3859251.99	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.23E-07	8.42E-07	7.64E-07	3.40E-07	3.32E-07	1.57E-08	3.80E-07	8.38E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.81E-07
1904	495411.06	3859251.99	1.36E-03	1.39E-03	1.32E-03	4.70E-07	1.42E-06	8.21E-07	8.41E-07	7.62E-07	3.40E-07	3.31E-07	1.57E-08	3.79E-07	8.36E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.79E-07
1905	495461.06	3859251.99	1.35E-03	1.38E-03	1.31E-03	4.66E-07	1.41E-06	8.14E-07	8.33E-07	7.55E-07	3.37E-07	3.28E-07	1.56E-08	3.76E-07	8.29E-08	1.13E-07	1.80E-07	3.09E-08	1.72E-07	9.70E-07
1906	495511.06	3859251.99	1.32E-03	1.35E-03	1.29E-03	4.58E-07	1.38E-06	8.01E-07	8.20E-07	7.43E-07	3.31E-07	3.23E-07	1.53E-08	3.70E-07	8.15E-08	1.11E-07	1.77E-07	3.04E-08	1.70E-07	9.54E-07
1907	495561.06	3859251.99	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.28E-07	3.20E-07	1.51E-08	3.66E-07	8.07E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.44E-07
1908	495611.06	3859251.99	1.29E-03	1.32E-03	1.26E-03	4.46E-07	1.35E-06	7.80E-07	7.99E-07	7.24E-07	3.23E-07	3.15E-07	1.49E-08	3.60E-07	7.95E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.30E-07
1909	495661.06	3859251.99	1.28E-03	1.31E-03	1.24E-03	4.42E-07	1.33E-06	7.72E-07	7.90E-07	7.16E-07	3.19E-07	3.11E-07	1.47E-08	3.56E-07	7.86E-08	1.07E-07	1.70E-07	2.93E-08	1.63E-07	9.20E-07
1910	494311.06	3859301.99	2.03E-03	2.08E-03	1.98E-03	7.03E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.08E-07	4.95E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.66E-08	2.60E-07	1.46E-06
1911	494361.06	3859301.99	1.99E-03	2.04E-03	1.94E-03	6.89E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	4.98E-07	4.86E-07	2.30E-08	5.56E-07	1.23E-07	1.67E-07	2.66E-07	4.57E-08	2.55E-07	1.44E-06
1912	494411.06	3859301.99	1.94E-03	1.99E-03	1.90E-03	6.73E-07	2.03E-06	1.18E-06	1.20E-06	1.09E-06	4.86E-07	4.74E-07	2.25E-08	5.43E-07	1.20E-07	1.63E-07	2.59E-07	4.46E-08	2.49E-07	1.40E-06

1913	494461.06	3859301.99	1.90E-03	1.94E-03	1.85E-03	6.57E-07	1.98E-06	1.15E-06	1.18E-06	1.07E-06	4.75E-07	4.63E-07	2.19E-08	5.30E-07	1.17E-07	1.60E-07	2.53E-07	4.36E-08	2.43E-07	1.37E-06
1914	494511.06	3859301.99	1.86E-03	1.90E-03	1.81E-03	6.43E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.65E-07	4.53E-07	2.15E-08	5.19E-07	1.14E-07	1.56E-07	2.48E-07	4.27E-08	2.38E-07	1.34E-06
1915	494561.06	3859301.99	1.83E-03	1.87E-03	1.78E-03	6.32E-07	1.91E-06	1.10E-06	1.13E-06	1.02E-06	4.57E-07	4.45E-07	2.11E-08	5.10E-07	1.12E-07	1.53E-07	2.43E-07	4.19E-08	2.34E-07	1.32E-06
1916	494611.06	3859301.99	1.79E-03	1.83E-03	1.75E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.48E-07	4.37E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.11E-08	2.29E-07	1.29E-06
1917	494661.06	3859301.99	1.76E-03	1.80E-03	1.71E-03	6.08E-07	1.84E-06	1.06E-06	1.09E-06	9.86E-07	4.40E-07	4.29E-07	2.03E-08	4.91E-07	1.08E-07	1.48E-07	2.34E-07	4.04E-08	2.25E-07	1.27E-06
1918	494711.06	3859301.99	1.72E-03	1.76E-03	1.68E-03	5.95E-07	1.80E-06	1.04E-06	1.06E-06	9.65E-07	4.30E-07	4.19E-07	1.99E-08	4.80E-07	1.06E-07	1.45E-07	2.29E-07	3.95E-08	2.20E-07	1.24E-06
1919	494761.06	3859301.99	1.68E-03	1.72E-03	1.64E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.46E-07	4.22E-07	4.11E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.87E-08	2.16E-07	1.21E-06
1920	494811.06	3859301.99	1.64E-03	1.68E-03	1.60E-03	5.68E-07	1.71E-06	9.92E-07	1.02E-06	9.20E-07	4.10E-07	4.00E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.10E-07	1.18E-06
1921	494861.06	3859301.99	1.58E-03	1.62E-03	1.54E-03	5.47E-07	1.65E-06	9.57E-07	9.79E-07	8.88E-07	3.96E-07	3.86E-07	1.83E-08	4.41E-07	9.74E-08	1.33E-07	2.11E-07	3.63E-08	2.03E-07	1.14E-06
1922	494911.06	3859301.99	1.55E-03	1.59E-03	1.51E-03	5.37E-07	1.62E-06	9.38E-07	9.60E-07	8.70E-07	3.88E-07	3.78E-07	1.79E-08	4.33E-07	9.55E-08	1.30E-07	2.07E-07	3.56E-08	1.99E-07	1.12E-06
1923	494961.06	3859301.99	1.49E-03	1.53E-03	1.46E-03	5.17E-07	1.56E-06	9.04E-07	9.25E-07	8.39E-07	3.74E-07	3.65E-07	1.73E-08	4.17E-07	9.20E-08	1.26E-07	1.99E-07	3.43E-08	1.91E-07	1.08E-06
1924	495011.06	3859301.99	1.47E-03	1.51E-03	1.43E-03	5.09E-07	1.54E-06	8.90E-07	9.11E-07	8.26E-07	3.68E-07	3.59E-07	1.70E-08	4.11E-07	9.06E-08	1.24E-07	1.96E-07	3.38E-08	1.88E-07	1.06E-06
1925	495061.06	3859301.99	1.48E-03	1.52E-03	1.44E-03	5.13E-07	1.55E-06	8.96E-07	9.17E-07	8.31E-07	3.71E-07	3.61E-07	1.71E-08	4.13E-07	9.12E-08	1.25E-07	1.98E-07	3.40E-08	1.90E-07	1.07E-06
1926	495111.06	3859301.99	1.45E-03	1.49E-03	1.42E-03	5.03E-07	1.52E-06	8.80E-07	9.01E-07	8.16E-07	3.64E-07	3.55E-07	1.68E-08	4.06E-07	8.96E-08	1.22E-07	1.94E-07	3.34E-08	1.86E-07	1.05E-06
1927	495161.06	3859301.99	1.45E-03	1.48E-03	1.41E-03	5.01E-07	1.51E-06	8.75E-07	8.96E-07	8.12E-07	3.62E-07	3.53E-07	1.67E-08	4.04E-07	8.91E-08	1.22E-07	1.93E-07	3.32E-08	1.85E-07	1.04E-06
1928	495211.06	3859301.99	1.45E-03	1.48E-03	1.41E-03	5.01E-07	1.51E-06	8.75E-07	8.96E-07	8.12E-07	3.62E-07	3.53E-07	1.67E-08	4.04E-07	8.91E-08	1.22E-07	1.93E-07	3.32E-08	1.85E-07	1.04E-06
1929	495261.06	3859301.99	1.44E-03	1.47E-03	1.40E-03	4.98E-07	1.50E-06	8.71E-07	8.91E-07	8.08E-07	3.60E-07	3.51E-07	1.66E-08	4.02E-07	8.86E-08	1.21E-07	1.92E-07	3.30E-08	1.84E-07	1.04E-06
1930	495311.06	3859301.99	1.42E-03	1.45E-03	1.38E-03	4.91E-07	1.48E-06	8.57E-07	8.78E-07	7.96E-07	3.55E-07	3.46E-07	1.64E-08	3.96E-07	8.73E-08	1.19E-07	1.89E-07	3.25E-08	1.82E-07	1.02E-06
1931	495361.06	3859301.99	1.41E-03	1.45E-03	1.38E-03	4.89E-07	1.48E-06	8.54E-07	8.75E-07	7.93E-07	3.53E-07	3.45E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
1932	495411.06	3859301.99	1.40E-03	1.43E-03	1.37E-03	4.85E-07	1.47E-06	8.48E-07	8.68E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.91E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
1933	495461.06	3859301.99	1.39E-03	1.43E-03	1.36E-03	4.82E-07	1.46E-06	8.43E-07	8.63E-07	7.82E-07	3.49E-07	3.40E-07	1.61E-08	3.89E-07	8.59E-08	1.17E-07	1.86E-07	3.20E-08	1.78E-07	1.00E-06
1934	495511.06	3859301.99	1.37E-03	1.41E-03	1.34E-03	4.76E-07	1.44E-06	8.31E-07	8.51E-07	7.71E-07	3.44E-07	3.35E-07	1.59E-08	3.84E-07	8.46E-08	1.16E-07	1.83E-07	3.16E-08	1.76E-07	9.90E-07
1935	495561.06	3859301.99	1.35E-03	1.38E-03	1.31E-03	4.66E-07	1.41E-06	8.14E-07	8.33E-07	7.55E-07	3.37E-07	3.28E-07	1.56E-08	3.76E-07	8.29E-08	1.13E-07	1.79E-07	3.09E-08	1.72E-07	9.70E-07
1936	495611.06	3859301.99	1.33E-03	1.36E-03	1.30E-03	4.61E-07	1.39E-06	8.05E-07	8.24E-07	7.47E-07	3.33E-07	3.25E-07	1.54E-08	3.72E-07	8.20E-08	1.12E-07	1.78E-07	3.06E-08	1.70E-07	9.59E-07
1937	495661.06	3859301.99	1.32E-03	1.35E-03	1.28E-03	4.55E-07	1.38E-06	7.96E-07	8.15E-07	7.39E-07	3.29E-07	3.21E-07	1.52E-08	3.67E-07	8.11E-08	1.11E-07	1.76E-07	3.02E-08	1.69E-07	9.49E-07
1938	494311.06	3859351.99	2.12E-03	2.17E-03	2.06E-03	7.32E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.29E-07	5.16E-07	2.44E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.86E-08	2.71E-07	1.52E-06
1939	494361.06	3859351.99	2.07E-03	2.12E-03	2.02E-03	7.18E-07	2.17E-06	1.25E-06	1.28E-06	1.16E-06	5.19E-07	5.06E-07	2.40E-08	5.79E-07	1.28E-07	1.74E-07	2.77E-07	4.76E-08	2.66E-07	1.49E-06
1940	494411.06	3859351.99	2.02E-03	2.07E-03	1.97E-03	6.98E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.05E-07	4.92E-07	2.33E-08	5.63E-07	1.24E-07	1.70E-07	2.69E-07	4.63E-08	2.58E-07	1.45E-06
1941	494461.06	3859351.99	1.97E-03	2.02E-03	1.92E-03	6.82E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	4.93E-07	4.81E-07	2.28E-08	5.50E-07	1.21E-07	1.66E-07	2.63E-07	4.53E-08	2.52E-07	1.42E-06
1942	494511.06	3859351.99	1.93E-03	1.97E-03	1.88E-03	6.68E-07	2.02E-06	1.17E-06	1.19E-06	1.08E-06	4.83E-07	4.71E-07	2.23E-08	5.39E-07	1.19E-07	1.62E-07	2.57E-07	4.43E-08	2.47E-07	1.39E-06
1943	494561.06	3859351.99	1.90E-03	1.94E-03	1.85E-03	6.57E-07	1.98E-06	1.15E-06	1.18E-06	1.07E-06	4.75E-07	4.63E-07	2.19E-08	5.30E-07	1.17E-07	1.60E-07	2.53E-07	4.36E-08	2.43E-07	1.37E-06
1944	494611.06	3859351.99	1.86E-03	1.91E-03	1.82E-03	6.45E-07	1.95E-06	1.13E-06	1.15E-06	1.05E-06	4.66E-07	4.55E-07	2.15E-08	5.20E-07	1.15E-07	1.57E-07	2.48E-07	4.28E-08	2.39E-07	1.34E-06
1945	494661.06	3859351.99	1.83E-03	1.87E-03	1.78E-03	6.32E-07	1.91E-06	1.10E-06	1.13E-06	1.03E-06	4.57E-07	4.46E-07	2.11E-08	5.10E-07	1.12E-07	1.54E-07	2.44E-07	4.19E-08	2.34E-07	1.32E-06
1946	494711.06	3859351.99	1.78E-03	1.82E-03	1.74E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.46E-07	4.35E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.38E-07	4.09E-08	2.28E-07	1.28E-06
1947	494761.06	3859351.99	1.72E-03	1.76E-03	1.68E-03	5.96E-07	1.80E-06	1.04E-06	1.07E-06	9.66E-07	4.31E-07	4.20E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.95E-08	2.20E-07	1.24E-06
1948	494811.06	3859351.99	1.66E-03	1.70E-03	1.62E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.34E-07	4.16E-07	4.06E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.22E-07	3.82E-08	2.13E-07	1.20E-06
1949	494861.06	3859351.99	1.63E-03	1.67E-03	1.59E-03	5.66E-07	1.71E-06	9.89E-07	1.01E-06	9.18E-07	4.09E-07	3.99E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.75E-08	2.09E-07	1.18E-06
1950	494911.06	3859351.99	1.61E-03	1.65E-03	1.57E-03	5.59E-07	1.69E-06	9.76E-07	1.00E-06	9.06E-07	4.04E-07	3.94E-07	1.87E-08	4.51E-07	9.94E-08	1.36E-07	2.15E-07	3.71E-08	2.07E-07	1.16E-06
1951	494961.06	3859351.99	1.58E-03	1.62E-03	1.54E-03	5.48E-07	1.65E-06	9.58E-07	9.80E-07	8.89E-07	3.96E-07	3.86E-07	1.83E-08	4.42E-07	9.75E-08	1.33E-07	2.11E-07	3.64E-08	2.03E-07	1.14E-06
1952	495011.06	3859351.99	1.56E-03	1.60E-03	1.52E-03	5.40E-07	1.63E-06	9.43E-07	9.66E-07	8.75E-07	3.90E-07	3.81E-07	1.80E-08	4.35E-07	9.61E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
1953	495061.06	3859351.99	1.56E-03	1.60E-03	1.52E-03	5.41E-07	1.63E-06	9.46E-07	9.68E-07	8.77E-07	3.91E-07	3.81E-07	1.81E-08	4.36E-07	9.63E-08	1.31E-07	2.08E-07	3.59E-08	2.00E-07	1.13E-06
1954	495111.06	3859351.99	1.54E-03	1.57E-03	1.50E-03	5.32E-07	1.61E-06	9.30E-07	9.52E-07	8.63E-07	3.85E-07	3.75E-07	1.78E-08	4.29E-07	9.47E-08	1.29E-07	2.05E-07	3.53E-08	1.97E-07	1.11E-06
1955	495161.06	3859351.99	1.52E-03	1.56E-03	1.48E-03	5.27E-07	1.59E-06	9.21E-07	9.43E-07	8.55E-07	3.81E-07	3.72E-07	1.76E-08	4.25E-07	9.38E-08	1.28E-07	2.03E-07	3.50E-08	1.95E-07	1.10E-06
1956	495211.06	3859351.99	1.51E-03	1.54E-03	1.47E-03	5.21E-07	1.57E-06	9.12E-07	9.33E-07	8.46E-07	3.77E-07	3.68E-07	1.74E-08	4.21E-07	9.28E-08	1.27E-07	2.01E-07	3.46E-08	1.93E-07	1.09E-06
1957	495261.06	3859351.99	1.50E-03	1.53E-03	1.46E-03	5.18E-07	1.57E-06	9.06E-07	9.27E-07	8.41E-07	3.75E-07	3.66E-07	1.73E-08	4.18E-07	9.23E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
1958	495311.06	3859351.99	1.48E-03	1.51E-03	1.44E-03	5.11E-07	1.54E-06	8.93E-07	9.14E-07	8.29E-07	3.69E-07	3.60E-07	1.71E-08	4.12E-07	9.10E-08	1.24E-07	1.97E-07	3.39E-08	1.89E-07	1.06E-06
1959	495361.06	3859351.99	1.46E-03	1.50E-03	1.43E-03	5.06E-07	1.53E-06	8.85E-07	9.06E-07	8.21E-07	3.66E-07	3.57E-07	1.69E-08	4.08E-07	9.01E-08	1.23E-07	1.95E-07	3.36E-08	1.87E-07	1.05E-06
1960	495411.06	3859351.99	1.45E-03	1.49E-03	1.42E-03	5.03E-07	1.52E-06	8.79E-07	9.00E-07	8.16E-07	3.64E-07	3.55E-07	1.68E-08	4.06E-07	8.95E-08	1.22E-07	1.94E-07	3.34E-08	1.86E-07	1.05E-06
1961	495461.06	3859351.99	1.45E-03	1.48E-03	1.41E-03	5.01E-07	1.51E-06	8.75E-07	8.96E-07	8.12E-07	3.62E-07	3.53E-07	1.67E-08	4.04E-07	8.91E-08	1.22E-07	1.93E-07	3.32E-08	1.85E-07	1.04E-06
1962	495511.06	3859351.99	1.42E-03	1.45E-03	1.38E-03	4.91E-07	1.48E-06	8.59E-07	8.79E-07	7.97E-07	3.55E-07	3.47E-07	1.64E-08	3.96E-07	8.75E-08	1.19E-07	1.89E-07	3.26E-08	1.82E-07	1.02E-06
1963	495561.06	3859351.99	1.40E-03	1.43E-03	1.36E-03	4.84E-07	1.46E-06	8.47E-07	8.67E-07	7.86E-07	3.50E-07	3.42E-07	1.62E-08	3.91E-07	8.62E-08	1.18E-07	1.87E-07	3.21E-08	1.79E-07	1.01E-06
1964	495611.06	3859351.99	1.38E-03	1.42E-03	1.35E-03	4.79E-07	1.45E-06	8.37E-07	8.57E-07	7.77E-07	3.46E-07	3.38E-07	1.60E-08	3.86E-07	8.52E-08	1.16E-07	1.85E-07	3.18E-08	1.77E-07	9.97E-07
1965	495661.06	3859351.99	1.36E-03	1.39E-03	1.32E-03	4.70E-07	1.42E-06	8.22E-07	8.41E-07	7.62E-07	3.40E-07	3.31E-07	1.57E-08	3.79E-07	8.37E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.79E-07
1966	494311.06	3859401.99	2.22E-03	2.27E-03	2.16E-03	7.67E-07	2.32E-06	1.34E-06	1.37E-06	1.24E-06	5.54E-07	5.41E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.09E-08	2.84E-07	1.60E-06
1967	494361.06	3859401.99	2.15E-03	2.20E-03	2.10E-03	7.46E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.39E-07	5.26E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	4.95E-08	2.76E-07	1.55E-06
1968	494411.06	3859401.99	2.09E-03	2.14E-03	2.04E-03	7.24E-07	2.19E-06	1.27E-06	1.30E-06	1.17E-06	5.24E-07	5.11E-07	2.42E-08	5.84E-07	1.29E-07	1.76E-07	2.79E-07	4.81E-08	2.68E-07	1.51E-06
1969	494461.06	3859401.99	2.05E-03	2.10E-03	2.00E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.12E-07	5.00E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.70E-08	2.62E-07	1.48E-06
1970	494511.06	3859401.99	2.01E-03	2.06E-03	1.96E-03	6.97E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.04E-07	4.92E-07	2.33E-08	5.63E-07	1.24E-07	1.69E-07	2.69E-07	4.63E-08	2.58E-07	1.45E-06
1971	494561.06	3859401.99	1.98E-03	2.02E-03	1.93E-03	6.85E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	4.95E-07	4.83E-07	2.29E-08	5.52E-07	1.22E-07	1.66E-07	2.64E-07	4.54E-08	2.53E-07	1.43E-06
1972	494611.06	3859401.99	1.94E-03	1.98E-03	1.89E-03	6.70E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.84E-07	4.72E-07	2.24E-08	5.40E-07	1.19E-07	1.63E-07	2.58E-07	4.44E-08	2.48E-07	1.40E-06
1973	494661.06	3859401.99	1.90E-03	1.95E-03	1.86E-03	6.59E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.76E-07	4.64E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.37E-08	2.44E-07	1.37E-06
1974	494711.06	3859401.99	1.87E-03	1.91E-03	1.82E-03	6.46E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.67E-07	4.55E-07	2.16E-08	5.21E-07	1.15E-07	1.57E-07	2.49E-07	4.29E-08	2.39E-07	1.35E-06
1975	494761.06	3859401.99	1.79E-03	1.84E-03	1.75E-03	6.21E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.49E-07	4.38E-07	2.07E-08	5.01E-07	1.11E-07	1.51E-07	2.39E-07	4.12E-08	2.30E-07	1.29E-06
1976	494811.06	3859401.99	1.76E-03	1.80E-03	1.72E-03	6.09E-07	1.84E-06	1.06E-06	1.09E-06	9.88E-07	4.40E-07	4.29E-07	2.03E-08	4.91E-07	1.08E-07	1.48E-07	2.35E-07	4.04E-08	2.25E-07	1.27E-06
1977	494861.06	3859401.99	1.71E-03	1.75E-03	1.66E-03	5.90E-07	1.78E-06	1.03E-06	1.06E-06	9.57E-07	4.27E-07	4.16E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.27E-07	3.92E-08	2.18E-07	1.23E-06
1978	494911.06	3859401.99	1.67E-03	1.70E-03	1.62E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.35E-07	4.17E-07	4.06E-07	1.93E-08	4.65E-07	1.03E-07	1.40E-07	2.22E-07	3.83E-08	2.13E-07	1.20E-06
1979	494961.06	3859401.99	1.65E-03	1.69E-03	1.61E-03	5.71E-07	1.72E-06	9.97E-07	1.02E-06	9.25E-07	4.13E-07	4.02E-07	1.91E-08	4.60E-07	1.02E-07	1.39E-07	2.20E-07	3.79E-08	2.11E-07	1.19E-06
1980	495011.06	3859401.99	1.63E-03	1.67E-03	1.59E-03	5.65E-07	1.71E-06	9.87E-07	1.01E-06	9.16E-07	4.08E-07	3.98E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.75E-08	2.09E-07	1.18E-06
1981	495061.06	3859401.99	1.61E-03	1.65E-03	1.57E-03	5.58E-07	1.68E-06	9.75E-07	9.98E-07	9.05E-07	4.03E-07	3.93E-07	1.86E-08	4.50E-07	9.93E-08	1.36E-07	2.15E-07	3.70E-08	2.06E-07	1.16E-06
1982	495111.06	3859401.99	1.58E-03	1.62E-03	1.55E-03	5.49E-07	1.66E-06	9.59E-07	9.81E-07	8.90E-07	3.97E-07	3.87E-07	1.83E-08	4.42E-07	9.76E-08	1.33E-07	2.11E-07	3.64E-08	2.03E-07	1.14E-06
1983	495161.06	3859401.99	1.58E-03	1.61E-03	1.54E-03	5.46E-07	1.65E-06	9.55E-07	9.77E-07	8.86E-07	3.95E-07	3.85E-07	1.82E-08	4.41E-07	9.72E-08	1.33E-07	2.10E-07	3.62E-08	2.02E-07	1.14E-06
1984	495211.06	3859401.99	1.57E-03	1.61E-03	1.53E-03	5.43E-07	1.64E-06	9.49E-07	9.72E-07	8.81E-07	3.93E-07	3.83E-07	1.81E-08	4.38E-07	9.67E-08	1.32E-07	2.09E-07	3.60E-08	2.01E-07	1.13E-06
1985	495261.06	3859401.99	1.55E-03	1.59E-03	1.51E-03	5.37E-07	1.62E-06	9.39E-07	9.61E-07	8.71E-07	3.88E-07	3.79E-07	1.79E-08	4.33E-07	9.56E-08	1.31E-07	2.07E-07	3.56E-08	1.99E-07	1.12E-06
1986	495311.06	3859401.99	1.53E-03	1.57E-03	1.50E-03	5.31E-07	1.60E-06	9.28E-07	9.50E-07	8.61E-07	3.84E-07	3.74E-07	1.77E-08	4.28E-07	9.45E-08	1.29E-07	2.05E-07	3.52E-08	1.97E-07	1.11E-06
1987	495361.06	3859401.99	1.53E-03	1.56E-03	1.49E-03	5.29E-07	1.60E-06	9.24E-07	9.46E-07	8.58E-07	3.82E-07	3.73E-07	1.77E-08	4.27E-07	9.41E-08	1.28E-07	2.04E-07	3.51E-08	1.96E-07	1.10E-06
1988	495411.06	3859401.99	1.51E-03	1.55E-03	1.48E-03	5.24E-07	1.58E-06	9.16E-07	9.38E-07	8.50E-07	3.79E-07	3.70E-07	1.75E-08	4.23E-07	9.33E-08	1.27E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
1989	495461.06	3859401.99	1.49E-03	1.53E-03	1.46E-03	5.17E-07	1.56E-06	9.04E-07	9.25E-07	8.39E-07	3.74E-07	3.65E-07	1.73E-08	4.17E-07	9.21E-08	1.26E-07	1.99E-07	3.43E-08	1.91E-07	1.08E-06
1990	495511.06	3859401.99	1.47E-03	1.50E-03	1.43E-03	5.08E-07	1.53E-06	8.88E-07	9.09E-07	8.24E-07	3.67E-07	3.58E-07	1.70E-08	4.10E-07	9.04E-08	1.23E-07	1.96E-07	3.37E-08	1.88E-07	1.06E-06
1991	495561.06	3859401.99	1.44E-03	1.47E-03	1.40E-03	4.97E-07	1.50E-06	8.69E-07	8.90E-07	8.07E-07	3.60E-07	3.51E-07	1.66E-08	4.01E-07	8.85E-08	1.21E-07	1.92E-07	3.30E-08	1.84E-07	1.04E-06
1992	495611.06	3859401.99	1.42E-03	1.45E-03	1.38E-03	4.91E-07	1.48E-06	8.58E-07	8.79E-07	7.96E-07	3.55E-07	3.46E-07	1.64E-08	3.96E-07	8.74E-08	1.19E-07	1.89E-07	3.26E-08	1.82E-07	1.02E-06
1993	495661.06	3859401.99	1.40E-03	1.44E-03	1.37E-03	4.85E-07	1.47E-06	8.49E-07	8.69E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.92E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
1994	494311.06	3859451.99	2.29E-03	2.35E-03	2.24E-03	7.93E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.74E-07	5.59E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.26E-08	2.94E-07	1.65E-06
1995	494361.06	3859451.99	2.23E-03	2.29E-03	2.18E-03	7.73E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.59E-07	5.45E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.13E-08	2.86E-07	1.61E-06
1996	494411.06	3859451.99	2.15E-03	2.21E-03	2.10E-03	7.46E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.39E-07	5.26E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.87E-07	4.95E-08	2.76E-07	1.55E-06
1997	494461.06	3859451.99	2.13E-03	2.18E-03	2.07E-03	7.36E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.32E-07	5.19E-07	2.46E-08	5.93E-07	1.31E-07	1.79E-07	2.83E-07	4.88E-08	2.72E-07	1.53E-06
1998	494511.06	3859451.99	2.08E-03	2.13E-03	2.03E-03	7.20E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.20E-07	5.07E-07	2.40E-08	5.80E-07	1.28E-07	1.75E-07	2.77E-07	4.77E-08	2.66E-07	1.50E-06
1999	494561.06	3859451.99	2.04E-03	2.09E-03	1.99E-03	7.06E-07	2.13E-06	1.23E-06	1.26E-06	1.15E-06	5.11E-07	4.98E-07	2.36E-08	5.70E-07	1.26E-07	1.72E-07	2.72E-07	4.69E-08	2.61E-07	1.47E-06
2000	494611.06	3859451.99	2.02E-03	2.06E-03	1.97E-03	6.98E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.05E-07	4.92E-07	2.33E-08	5.63E-07	1.24E-07	1.70E-07	2.69E-07	4.63E-08	2.58E-07	1.45E-06
2001	494661.06	3859451.99	1.97E-03	2.02E-03	1.92E-03	6.82E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	4.93E-07	4.81E-07	2.28E-08	5.50E-07	1.21E-07	1.66E-07	2.63E-07	4.52E-08	2.52E-07	1.42E-06
2002	494711.06	3859451.99	1.92E-03	1.97E-03	1.88E-03	6.66E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.82E-07	4.70E-07	2.22E-08	5.37E-07	1.19E-07	1.62E-07	2.57E-07	4.42E-08	2.47E-07	1.39E-06
2003	494761.06	3859451.99	1.89E-03	1.93E-03	1.84E-03	6.53E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.72E-07	4.60E-07	2.18E-08	5.27E-07	1.16E-07	1.59E-07	2.52E-07	4.33E-08	2.42E-07	1.36E-06
2004	494811.06	3859451.99	1.83E-03	1.88E-03	1.79E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.59E-07	4.47E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.21E-08	2.35E-07	1.32E-06
2005	494861.06	3859451.99	1.79E-03	1.83E-03	1.75E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.48E-07	4.37E-07	2.07E-08	5.00E-07	1.10E-07	1.50E-07	2.39E-07	4.11E-08	2.29E-07	1.29E-06
2006	494911.06	3859451.99	1.76E-03	1.80E-03	1.71E-03	6.08E-07	1.84E-06	1.06E-06	1.09E-06	9.86E-07	4.39E-07	4.29E-07	2.03E-08	4.90E-07	1.08E-07	1.48E-07	2.34E-07	4.03E-08	2.25E-07	1.27E-06
2007	494961.06	3859451.99	1.73E-03	1.78E-03	1.69E-03	6.00E-07	1.81E-06	1.05E-06	1.07E-06	9.74E-07	4.34E-07	4.23E-07	2.00E-08	4.84E-07	1.07E-07	1.46E-07	2.31E-07	3.98E-08	2.22E-07	1.25E-06
2008	495011.06	3859451.99	1.71E-03	1.75E-03	1.67E-03	5.91E-07	1.79E-06	1.03E-06	1.06E-06	9.59E-07	4.28E-07	4.17E-07	1.97E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	3.92E-08	2.19E-07	1.23E-06
2009	495061.06	3859451.99	1.68E-03	1.72E-03	1.64E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.45E-07	4.21E-07	4.11E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.87E-08	2.16E-07	1.21E-06
2010	495111.06	3859451.99	1.66E-03	1.70E-03	1.62E-03	5.74E-07	1.73E-06	1.00E-06	1.03E-06	9.31E-07	4.15E-07	4.05E-07	1.92E-08	4.63E-07	1.02E-07	1.39E-07	2.21E-07	3.81E-08	2.12E-07	1.20E-06
2011	495161.06	3859451.99	1.64E-03	1.68E-03	1.60E-03	5.69E-07	1.72E-06	9.94E-07	1.02E-06	9.23E-07	4.11E-07	4.01E-07	1.90E-08	4.59E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.10E-07	1.18E-06
2012	495211.06	3859451.99	1.63E-03	1.67E-03	1.59E-03	5.65E-07	1.71E-06	9.87E-07	1.01E-06	9.16E-07	4.08E-07	3.98E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.75E-08	2.09E-07	1.18E-06
2013	495261.06	3859451.99	1.62E-03	1.66E-03	1.58E-03	5.61E-07	1.69E-06	9.80E-07	1.00E-06	9.09E-07	4.05E-07	3.95E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.72E-08	2.07E-07	1.17E-06

2014	495311.06	3859451.99	1.60E-03	1.64E-03	1.56E-03	5.54E-07	1.67E-06	9.68E-07	9.90E-07	8.98E-07	4.00E-07	3.90E-07	1.85E-08	4.47E-07	9.85E-08	1.34E-07	2.13E-07	3.67E-08	2.05E-07	1.15E-06
2015	495361.06	3859451.99	1.58E-03	1.62E-03	1.54E-03	5.48E-07	1.65E-06	9.57E-07	9.80E-07	8.88E-07	3.96E-07	3.86E-07	1.83E-08	4.42E-07	9.75E-08	1.33E-07	2.11E-07	3.63E-08	2.03E-07	1.14E-06
2016	495411.06	3859451.99	1.56E-03	1.60E-03	1.52E-03	5.41E-07	1.63E-06	9.45E-07	9.67E-07	8.77E-07	3.91E-07	3.81E-07	1.81E-08	4.36E-07	9.62E-08	1.31E-07	2.08E-07	3.59E-08	2.00E-07	1.13E-06
2017	495461.06	3859451.99	1.55E-03	1.58E-03	1.51E-03	5.35E-07	1.61E-06	9.35E-07	9.57E-07	8.67E-07	3.87E-07	3.77E-07	1.79E-08	4.31E-07	9.52E-08	1.30E-07	2.06E-07	3.55E-08	1.98E-07	1.11E-06
2018	495511.06	3859451.99	1.51E-03	1.55E-03	1.48E-03	5.24E-07	1.58E-06	9.15E-07	9.37E-07	8.49E-07	3.79E-07	3.69E-07	1.75E-08	4.22E-07	9.32E-08	1.27E-07	2.02E-07	3.47E-08	1.94E-07	1.09E-06
2019	495561.06	3859451.99	1.49E-03	1.53E-03	1.45E-03	5.16E-07	1.56E-06	9.02E-07	9.23E-07	8.37E-07	3.73E-07	3.64E-07	1.72E-08	4.16E-07	9.19E-08	1.25E-07	1.99E-07	3.42E-08	1.91E-07	1.07E-06
2020	495611.06	3859451.99	1.47E-03	1.50E-03	1.43E-03	5.09E-07	1.54E-06	8.90E-07	9.11E-07	8.25E-07	3.68E-07	3.59E-07	1.70E-08	4.10E-07	9.06E-08	1.24E-07	1.96E-07	3.38E-08	1.88E-07	1.06E-06
2021	495661.06	3859451.99	1.45E-03	1.48E-03	1.41E-03	5.02E-07	1.52E-06	8.78E-07	8.98E-07	8.14E-07	3.63E-07	3.54E-07	1.68E-08	4.05E-07	8.94E-08	1.22E-07	1.94E-07	3.33E-08	1.86E-07	1.05E-06
2022	494311.06	3859501.99	2.38E-03	2.44E-03	2.32E-03	8.24E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	5.96E-07	5.81E-07	2.75E-08	6.65E-07	1.47E-07	2.00E-07	3.18E-07	5.47E-08	3.05E-07	1.72E-06
2023	494361.06	3859501.99	2.32E-03	2.37E-03	2.26E-03	8.02E-07	2.42E-06	1.40E-06	1.44E-06	1.30E-06	5.80E-07	5.66E-07	2.68E-08	6.47E-07	1.43E-07	1.95E-07	3.09E-07	5.32E-08	2.97E-07	1.67E-06
2024	494411.06	3859501.99	2.22E-03	2.27E-03	2.16E-03	7.68E-07	2.32E-06	1.34E-06	1.37E-06	1.25E-06	5.55E-07	5.41E-07	2.56E-08	6.19E-07	1.37E-07	1.86E-07	2.96E-07	5.09E-08	2.84E-07	1.60E-06
2025	494461.06	3859501.99	2.21E-03	2.26E-03	2.15E-03	7.65E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.53E-07	5.39E-07	2.55E-08	6.17E-07	1.36E-07	1.86E-07	2.95E-07	5.07E-08	2.83E-07	1.59E-06
2026	494511.06	3859501.99	2.15E-03	2.21E-03	2.10E-03	7.46E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.39E-07	5.26E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.87E-07	4.95E-08	2.76E-07	1.55E-06
2027	494561.06	3859501.99	2.11E-03	2.16E-03	2.06E-03	7.30E-07	2.20E-06	1.28E-06	1.31E-06	1.18E-06	5.28E-07	5.15E-07	2.44E-08	5.89E-07	1.30E-07	1.77E-07	2.81E-07	4.84E-08	2.70E-07	1.52E-06
2028	494611.06	3859501.99	2.10E-03	2.15E-03	2.05E-03	7.28E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.26E-07	5.13E-07	2.43E-08	5.87E-07	1.30E-07	1.77E-07	2.80E-07	4.83E-08	2.69E-07	1.52E-06
2029	494661.06	3859501.99	2.05E-03	2.09E-03	2.00E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.12E-07	4.99E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.70E-08	2.62E-07	1.47E-06
2030	494711.06	3859501.99	1.98E-03	2.03E-03	1.93E-03	6.86E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	4.96E-07	4.84E-07	2.29E-08	5.54E-07	1.22E-07	1.67E-07	2.64E-07	4.55E-08	2.54E-07	1.43E-06
2031	494761.06	3859501.99	1.96E-03	2.01E-03	1.92E-03	6.80E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	4.92E-07	4.80E-07	2.27E-08	5.49E-07	1.21E-07	1.65E-07	2.62E-07	4.51E-08	2.52E-07	1.42E-06
2032	494811.06	3859501.99	1.89E-03	1.93E-03	1.84E-03	6.54E-07	1.98E-06	1.14E-06	1.17E-06	1.06E-06	4.73E-07	4.61E-07	2.18E-08	5.28E-07	1.16E-07	1.59E-07	2.52E-07	4.34E-08	2.42E-07	1.36E-06
2033	494861.06	3859501.99	1.86E-03	1.90E-03	1.81E-03	6.43E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.65E-07	4.53E-07	2.15E-08	5.19E-07	1.14E-07	1.56E-07	2.48E-07	4.27E-08	2.38E-07	1.34E-06
2034	494911.06	3859501.99	1.83E-03	1.88E-03	1.79E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.59E-07	4.48E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.21E-08	2.35E-07	1.32E-06
2035	494961.06	3859501.99	1.80E-03	1.84E-03	1.75E-03	6.22E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.49E-07	4.38E-07	2.08E-08	5.01E-07	1.11E-07	1.51E-07	2.40E-07	4.12E-08	2.30E-07	1.29E-06
2036	495011.06	3859501.99	1.77E-03	1.82E-03	1.73E-03	6.14E-07	1.86E-06	1.07E-06	1.10E-06	9.97E-07	4.44E-07	4.33E-07	2.05E-08	4.96E-07	1.09E-07	1.49E-07	2.37E-07	4.08E-08	2.27E-07	1.28E-06
2037	495061.06	3859501.99	1.76E-03	1.80E-03	1.71E-03	6.08E-07	1.83E-06	1.06E-06	1.09E-06	9.85E-07	4.39E-07	4.28E-07	2.03E-08	4.90E-07	1.08E-07	1.48E-07	2.34E-07	4.03E-08	2.25E-07	1.27E-06
2038	495111.06	3859501.99	1.72E-03	1.76E-03	1.68E-03	5.95E-07	1.80E-06	1.04E-06	1.07E-06	9.66E-07	4.31E-07	4.20E-07	1.99E-08	4.80E-07	1.06E-07	1.45E-07	2.29E-07	3.95E-08	2.20E-07	1.24E-06
2039	495161.06	3859501.99	1.70E-03	1.74E-03	1.66E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.56E-07	4.26E-07	4.15E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	3.91E-08	2.18E-07	1.23E-06
2040	495211.06	3859501.99	1.69E-03	1.73E-03	1.65E-03	5.85E-07	1.77E-06	1.02E-06	1.05E-06	9.49E-07	4.23E-07	4.13E-07	1.95E-08	4.72E-07	1.04E-07	1.42E-07	2.26E-07	3.88E-08	2.17E-07	1.22E-06
2041	495261.06	3859501.99	1.67E-03	1.71E-03	1.63E-03	5.79E-07	1.75E-06	1.01E-06	1.04E-06	9.39E-07	4.19E-07	4.08E-07	1.93E-08	4.67E-07	1.03E-07	1.41E-07	2.23E-07	3.84E-08	2.14E-07	1.21E-06
2042	495311.06	3859501.99	1.66E-03	1.70E-03	1.62E-03	5.74E-07	1.73E-06	1.00E-06	1.03E-06	9.31E-07	4.15E-07	4.05E-07	1.92E-08	4.63E-07	1.02E-07	1.39E-07	2.21E-07	3.81E-08	2.12E-07	1.20E-06
2043	495361.06	3859501.99	1.64E-03	1.68E-03	1.60E-03	5.67E-07	1.71E-06	9.91E-07	1.01E-06	9.20E-07	4.10E-07	4.00E-07	1.89E-08	4.57E-07	1.01E-07	1.38E-07	2.19E-07	3.76E-08	2.10E-07	1.18E-06
2044	495411.06	3859501.99	1.62E-03	1.66E-03	1.58E-03	5.61E-07	1.69E-06	9.80E-07	1.00E-06	9.09E-07	4.05E-07	3.95E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.72E-08	2.07E-07	1.17E-06
2045	495461.06	3859501.99	1.60E-03	1.64E-03	1.56E-03	5.53E-07	1.67E-06	9.67E-07	9.90E-07	8.97E-07	4.00E-07	3.90E-07	1.85E-08	4.46E-07	9.85E-08	1.34E-07	2.13E-07	3.67E-08	2.05E-07	1.15E-06
2046	495511.06	3859501.99	1.55E-03	1.59E-03	1.51E-03	5.37E-07	1.62E-06	9.39E-07	9.61E-07	8.71E-07	3.88E-07	3.79E-07	1.79E-08	4.33E-07	9.56E-08	1.31E-07	2.07E-07	3.56E-08	1.99E-07	1.12E-06
2047	495561.06	3859501.99	1.54E-03	1.58E-03	1.51E-03	5.35E-07	1.61E-06	9.35E-07	9.57E-07	8.67E-07	3.87E-07	3.77E-07	1.79E-08	4.31E-07	9.52E-08	1.30E-07	2.06E-07	3.55E-08	1.98E-07	1.11E-06
2048	495611.06	3859501.99	1.52E-03	1.56E-03	1.48E-03	5.27E-07	1.59E-06	9.20E-07	9.42E-07	8.54E-07	3.81E-07	3.71E-07	1.76E-08	4.25E-07	9.37E-08	1.28E-07	2.03E-07	3.49E-08	1.95E-07	1.10E-06
2049	495661.06	3859501.99	1.50E-03	1.53E-03	1.46E-03	5.18E-07	1.56E-06	9.05E-07	9.26E-07	8.40E-07	3.74E-07	3.65E-07	1.73E-08	4.18E-07	9.22E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
2050	494311.06	3859551.99	2.47E-03	2.52E-03	2.40E-03	8.53E-07	2.58E-06	1.49E-06	1.53E-06	1.38E-06	6.17E-07	6.02E-07	2.85E-08	6.88E-07	1.52E-07	2.07E-07	3.29E-07	5.66E-08	3.16E-07	1.78E-06
2051	494361.06	3859551.99	2.38E-03	2.43E-03	2.32E-03	8.23E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	5.95E-07	5.80E-07	2.75E-08	6.64E-07	1.46E-07	2.00E-07	3.17E-07	5.46E-08	3.04E-07	1.71E-06
2052	494411.06	3859551.99	2.28E-03	2.33E-03	2.22E-03	7.88E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.70E-07	5.56E-07	2.63E-08	6.36E-07	1.40E-07	1.91E-07	3.04E-07	5.23E-08	2.92E-07	1.64E-06
2053	494461.06	3859551.99	2.28E-03	2.34E-03	2.23E-03	7.91E-07	2.39E-06	1.38E-06	1.41E-06	1.28E-06	5.72E-07	5.58E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.25E-08	2.93E-07	1.65E-06
2054	494511.06	3859551.99	2.23E-03	2.28E-03	2.17E-03	7.71E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.58E-07	5.44E-07	2.58E-08	6.22E-07	1.37E-07	1.87E-07	2.97E-07	5.12E-08	2.85E-07	1.61E-06
2055	494561.06	3859551.99	2.18E-03	2.24E-03	2.13E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.47E-07	5.33E-07	2.53E-08	6.10E-07	1.35E-07	1.84E-07	2.91E-07	5.02E-08	2.80E-07	1.58E-06
2056	494611.06	3859551.99	2.16E-03	2.21E-03	2.10E-03	7.47E-07	2.26E-06	1.31E-06	1.34E-06	1.21E-06	5.40E-07	5.27E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.88E-07	4.96E-08	2.76E-07	1.56E-06
2057	494661.06	3859551.99	2.12E-03	2.17E-03	2.07E-03	7.34E-07	2.22E-06	1.28E-06	1.31E-06	1.19E-06	5.31E-07	5.18E-07	2.45E-08	5.92E-07	1.31E-07	1.78E-07	2.83E-07	4.87E-08	2.72E-07	1.53E-06
2058	494711.06	3859551.99	2.03E-03	2.07E-03	1.98E-03	7.01E-07	2.12E-06	1.23E-06	1.25E-06	1.14E-06	5.07E-07	4.94E-07	2.34E-08	5.65E-07	1.25E-07	1.70E-07	2.70E-07	4.65E-08	2.59E-07	1.46E-06
2059	494761.06	3859551.99	2.03E-03	2.08E-03	1.98E-03	7.04E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.96E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.47E-06
2060	494811.06	3859551.99	1.96E-03	2.01E-03	1.92E-03	6.80E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	4.92E-07	4.80E-07	2.27E-08	5.49E-07	1.21E-07	1.65E-07	2.62E-07	4.51E-08	2.52E-07	1.42E-06
2061	494861.06	3859551.99	1.93E-03	1.98E-03	1.88E-03	6.69E-07	2.02E-06	1.17E-06	1.20E-06	1.08E-06	4.83E-07	4.71E-07	2.23E-08	5.39E-07	1.19E-07	1.62E-07	2.58E-07	4.44E-08	2.47E-07	1.39E-06
2062	494911.06	3859551.99	1.89E-03	1.94E-03	1.85E-03	6.55E-07	1.98E-06	1.15E-06	1.17E-06	1.06E-06	4.74E-07	4.62E-07	2.19E-08	5.28E-07	1.17E-07	1.59E-07	2.52E-07	4.35E-08	2.42E-07	1.36E-06
2063	494961.06	3859551.99	1.87E-03	1.91E-03	1.82E-03	6.47E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.68E-07	4.56E-07	2.16E-08	5.22E-07	1.15E-07	1.57E-07	2.49E-07	4.30E-08	2.40E-07	1.35E-06
2064	495011.06	3859551.99	1.85E-03	1.90E-03	1.81E-03	6.41E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.63E-07	4.52E-07	2.14E-08	5.17E-07	1.14E-07	1.56E-07	2.47E-07	4.25E-08	2.37E-07	1.34E-06
2065	495061.06	3859551.99	1.82E-03	1.87E-03	1.78E-03	6.31E-07	1.91E-06	1.10E-06	1.13E-06	1.02E-06	4.56E-07	4.45E-07	2.11E-08	5.09E-07	1.12E-07	1.53E-07	2.43E-07	4.19E-08	2.34E-07	1.31E-06
2066	495111.06	3859551.99	1.79E-03	1.83E-03	1.74E-03	6.19E-07	1.87E-06	1.08E-06	1.11E-06	1.00E-06	4.47E-07	4.36E-07	2.07E-08	4.99E-07	1.10E-07	1.50E-07	2.38E-07	4.11E-08	2.29E-07	1.29E-06
2067	495161.06	3859551.99	1.77E-03	1.81E-03	1.73E-03	6.13E-07	1.85E-06	1.07E-06	1.10E-06	9.94E-07	4.43E-07	4.32E-07	2.05E-08	4.95E-07	1.09E-07	1.49E-07	2.36E-07	4.07E-08	2.27E-07	1.28E-06
2068	495211.06	3859551.99	1.76E-03	1.80E-03	1.72E-03	6.09E-07	1.84E-06	1.06E-06	1.09E-06	9.88E-07	4.40E-07	4.29E-07	2.03E-08	4.91E-07	1.08E-07	1.48E-07	2.35E-07	4.04E-08	2.25E-07	1.27E-06
2069	495261.06	3859551.99	1.73E-03	1.77E-03	1.69E-03	5.99E-07	1.81E-06	1.05E-06	1.07E-06	9.72E-07	4.33E-07	4.23E-07	2.00E-08	4.83E-07	1.07E-07	1.46E-07	2.31E-07	3.98E-08	2.22E-07	1.25E-06
2070	495311.06	3859551.99	1.71E-03	1.75E-03	1.67E-03	5.91E-07	1.79E-06	1.03E-06	1.06E-06	9.59E-07	4.28E-07	4.17E-07	1.97E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	3.92E-08	2.19E-07	1.23E-06
2071	495361.06	3859551.99	1.69E-03	1.73E-03	1.65E-03	5.85E-07	1.77E-06	1.02E-06	1.05E-06	9.49E-07	4.23E-07	4.12E-07	1.95E-08	4.72E-07	1.04E-07	1.42E-07	2.25E-07	3.88E-08	2.16E-07	1.22E-06
2072	495411.06	3859551.99	1.67E-03	1.71E-03	1.63E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.40E-07	4.19E-07	4.09E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.23E-07	3.85E-08	2.14E-07	1.21E-06
2073	495461.06	3859551.99	1.64E-03	1.68E-03	1.60E-03	5.68E-07	1.72E-06	9.93E-07	1.02E-06	9.22E-07	4.11E-07	4.01E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.10E-07	1.18E-06
2074	495511.06	3859551.99	1.61E-03	1.65E-03	1.57E-03	5.57E-07	1.68E-06	9.74E-07	9.97E-07	9.03E-07	4.03E-07	3.93E-07	1.86E-08	4.49E-07	9.91E-08	1.35E-07	2.15E-07	3.70E-08	2.06E-07	1.16E-06
2075	495561.06	3859551.99	1.59E-03	1.63E-03	1.55E-03	5.50E-07	1.66E-06	9.61E-07	9.83E-07	8.92E-07	3.97E-07	3.88E-07	1.84E-08	4.43E-07	9.78E-08	1.34E-07	2.12E-07	3.65E-08	2.03E-07	1.14E-06
2076	495611.06	3859551.99	1.57E-03	1.60E-03	1.53E-03	5.42E-07	1.64E-06	9.48E-07	9.70E-07	8.79E-07	3.92E-07	3.82E-07	1.81E-08	4.37E-07	9.65E-08	1.32E-07	2.09E-07	3.60E-08	2.01E-07	1.13E-06
2077	495661.06	3859551.99	1.54E-03	1.58E-03	1.50E-03	5.33E-07	1.61E-06	9.32E-07	9.54E-07	8.65E-07	3.86E-07	3.76E-07	1.78E-08	4.30E-07	9.49E-08	1.30E-07	2.06E-07	3.54E-08	1.97E-07	1.11E-06
2078	494311.06	3859601.99	2.56E-03	2.62E-03	2.50E-03	8.86E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.41E-07	6.25E-07	2.96E-08	7.15E-07	1.58E-07	2.15E-07	3.42E-07	5.88E-08	3.28E-07	1.85E-06
2079	494361.06	3859601.99	2.43E-03	2.49E-03	2.37E-03	8.42E-07	2.54E-06	1.47E-06	1.51E-06	1.37E-06	6.09E-07	5.94E-07	2.81E-08	6.79E-07	1.50E-07	2.05E-07	3.24E-07	5.59E-08	3.12E-07	1.75E-06
2080	494411.06	3859601.99	2.36E-03	2.42E-03	2.31E-03	8.18E-07	2.47E-06	1.43E-06	1.46E-06	1.33E-06	5.92E-07	5.77E-07	2.73E-08	6.60E-07	1.46E-07	1.99E-07	3.15E-07	5.43E-08	3.03E-07	1.70E-06
2081	494461.06	3859601.99	2.36E-03	2.42E-03	2.30E-03	8.18E-07	2.47E-06	1.43E-06	1.46E-06	1.33E-06	5.91E-07	5.77E-07	2.73E-08	6.60E-07	1.46E-07	1.99E-07	3.15E-07	5.42E-08	3.03E-07	1.70E-06
2082	494511.06	3859601.99	2.28E-03	2.34E-03	2.23E-03	7.90E-07	2.39E-06	1.38E-06	1.41E-06	1.28E-06	5.71E-07	5.57E-07	2.64E-08	6.38E-07	1.41E-07	1.92E-07	3.05E-07	5.24E-08	2.93E-07	1.65E-06
2083	494561.06	3859601.99	2.27E-03	2.33E-03	2.22E-03	7.86E-07	2.37E-06	1.37E-06	1.41E-06	1.28E-06	5.69E-07	5.54E-07	2.63E-08	6.34E-07	1.40E-07	1.91E-07	3.03E-07	5.22E-08	2.91E-07	1.64E-06
2084	494611.06	3859601.99	2.25E-03	2.30E-03	2.19E-03	7.77E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.62E-07	5.48E-07	2.60E-08	6.27E-07	1.38E-07	1.89E-07	3.00E-07	5.16E-08	2.88E-07	1.62E-06
2085	494661.06	3859601.99	2.16E-03	2.21E-03	2.11E-03	7.48E-07	2.26E-06	1.31E-06	1.34E-06	1.21E-06	5.40E-07	5.27E-07	2.50E-08	6.03E-07	1.33E-07	1.82E-07	2.88E-07	4.96E-08	2.77E-07	1.56E-06
2086	494711.06	3859601.99	2.09E-03	2.14E-03	2.04E-03	7.25E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.24E-07	5.11E-07	2.42E-08	5.85E-07	1.29E-07	1.76E-07	2.79E-07	4.81E-08	2.68E-07	1.51E-06
2087	494761.06	3859601.99	2.12E-03	2.17E-03	2.07E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.30E-07	5.17E-07	2.45E-08	5.91E-07	1.31E-07	1.78E-07	2.83E-07	4.87E-08	2.71E-07	1.53E-06
2088	494811.06	3859601.99	2.04E-03	2.09E-03	1.99E-03	7.07E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.11E-07	4.99E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.69E-08	2.62E-07	1.47E-06
2089	494861.06	3859601.99	2.01E-03	2.06E-03	1.96E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.03E-07	4.91E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.68E-07	4.62E-08	2.58E-07	1.45E-06
2090	494911.06	3859601.99	1.96E-03	2.00E-03	1.91E-03	6.78E-07	2.05E-06	1.18E-06	1.21E-06	1.10E-06	4.90E-07	4.78E-07	2.26E-08	5.47E-07	1.21E-07	1.65E-07	2.61E-07	4.50E-08	2.51E-07	1.41E-06
2091	494961.06	3859601.99	1.96E-03	2.00E-03	1.91E-03	6.77E-07	2.04E-06	1.18E-06	1.21E-06	1.10E-06	4.90E-07	4.78E-07	2.26E-08	5.46E-07	1.21E-07	1.65E-07	2.61E-07	4.49E-08	2.51E-07	1.41E-06
2092	495011.06	3859601.99	1.90E-03	1.95E-03	1.85E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.76E-07	4.64E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.37E-08	2.44E-07	1.37E-06
2093	495061.06	3859601.99	1.89E-03	1.93E-03	1.84E-03	6.54E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.73E-07	4.61E-07	2.18E-08	5.28E-07	1.16E-07	1.59E-07	2.52E-07	4.34E-08	2.42E-07	1.36E-06
2094	495111.06	3859601.99	1.85E-03	1.89E-03	1.80E-03	6.40E-07	1.93E-06	1.12E-06	1.15E-06	1.04E-06	4.63E-07	4.52E-07	2.14E-08	5.17E-07	1.14E-07	1.56E-07	2.47E-07	4.25E-08	2.37E-07	1.33E-06
2095	495161.06	3859601.99	1.83E-03	1.88E-03	1.79E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.59E-07	4.48E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.21E-08	2.35E-07	1.32E-06
2096	495211.06	3859601.99	1.81E-03	1.85E-03	1.77E-03	6.27E-07	1.89E-06	1.10E-06	1.12E-06	1.02E-06	4.53E-07	4.42E-07	2.09E-08	5.05E-07	1.12E-07	1.52E-07	2.41E-07	4.16E-08	2.32E-07	1.30E-06
2097	495261.06	3859601.99	1.79E-03	1.83E-03	1.75E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.48E-07	4.37E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.11E-08	2.29E-07	1.29E-06
2098	495311.06	3859601.99	1.77E-03	1.82E-03	1.73E-03	6.14E-07	1.85E-06	1.07E-06	1.10E-06	9.96E-07	4.44E-07	4.33E-07	2.05E-08	4.95E-07	1.09E-07	1.49E-07	2.37E-07	4.07E-08	2.27E-07	1.28E-06
2099	495361.06	3859601.99	1.75E-03	1.79E-03	1.70E-03	6.05E-07	1.83E-06	1.06E-06	1.08E-06	9.81E-07	4.37E-07	4.27E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.01E-08	2.24E-07	1.26E-06
2100	495411.06	3859601.99	1.73E-03	1.77E-03	1.69E-03	5.99E-07	1.81E-06	1.05E-06	1.07E-06	9.71E-07	4.33E-07	4.22E-07	2.00E-08	4.83E-07	1.07E-07	1.45E-07	2.31E-07	3.97E-08	2.22E-07	1.25E-06
2101	495461.06	3859601.99	1.69E-03	1.73E-03	1.65E-03	5.85E-07	1.77E-06	1.02E-06	1.05E-06	9.48E-07	4.23E-07	4.12E-07	1.95E-08	4.72E-07	1.04E-07	1.42E-07	2.25E-07	3.88E-08	2.16E-07	1.22E-06
2102	495511.06	3859601.99	1.65E-03	1.69E-03	1.61E-03	5.72E-07	1.73E-06	1.00E-06	1.02E-06	9.28E-07	4.14E-07	4.03E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.20E-07	3.80E-08	2.12E-07	1.19E-06
2103	495561.06	3859601.99	1.64E-03	1.68E-03	1.60E-03	5.68E-07	1.72E-06	9.93E-07	1.02E-06	9.22E-07	4.11E-07	4.01E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.10E-07	1.18E-06
2104	495611.06	3859601.99	1.60E-03	1.64E-03	1.56E-03	5.55E-07	1.67E-06	9.70E-07	9.92E-07	9.00E-07	4.01E-07	3.91E-07	1.85E-08	4.47E-07	9.87E-08	1.35E-07	2.14E-07	3.68E-08	2.05E-07	1.16E-06
2105	495661.06	3859601.99	1.59E-03	1.62E-03	1.55E-03	5.49E-07	1.66E-06	9.60E-07	9.82E-07	8.91E-07	3.97E-07	3.87E-07	1.83E-08	4.43E-07	9.77E-08	1.33E-07	2.12E-07	3.64E-08	2.03E-07	1.14E-06
2106	494311.06	3859651.99	2.62E-03	2.68E-03	2.55E-03	9.07E-07	2.74E-06	1.58E-06	1.62E-06	1.47E-06	6.56E-07	6.39E-07	3.03E-08	7.31E-07	1.61E-07	2.20E-07	3.49E-07	6.02E-08	3.36E-07	1.89E-06
2107	494361.06	3859651.99	2.50E-03	2.56E-03	2.44E-03	8.65E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.26E-07	6.10E-07	2.89E-08	6.98E-07	1.54E-07	2.10E-07	3.33E-07	5.74E-08	3.20E-07	1.80E-06
2108	494411.06	3859651.99	2.45E-03	2.51E-03	2.39E-03	8.48E-07	2.56E-06	1.48E-06	1.52E-06	1.38E-06	6.13E-07	5.98E-07	2.83E-08	6.84E-07	1.51E-07	2.06E-07	3.27E-07	5.63E-08	3.14E-07	1.77E-06
2109	494461.06	3859651.99	2.44E-03	2.50E-03	2.38E-03	8.46E-07	2.55E-06	1.48E-06	1.51E-06	1.37E-06	6.12E-07	5.97E-07	2.83E-08	6.83E-07	1.51E-07	2.06E-07	3.26E-07	5.61E-08	3.13E-07	1.76E-06
2110	494511.06	3859651.99	2.39E-03	2.45E-03	2.33E-03	8.28E-07	2.50E-06	1.45E-06	1.48E-06	1.34E-06	5.99E-07	5.84E-07	2.76E-08	6.68E-07	1.47E-07	2.01E-07	3.19E-07	5.49E-08	3.06E-07	1.72E-06
2111	494561.06	3859651.99	2.36E-03	2.41E-03	2.30E-03	8.16E-07	2.46E-06	1.43E-06	1.46E-06	1.32E-06	5.90E-07	5.75E-07	2.72E-08	6.58E-07	1.45E-07	1.98E-07	3.14E-07	5.41E-08	3.02E-07	1.70E-06
2112	494611.06	3859651.99	2.32E-03	2.37E-03	2.26E-03	8.03E-07	2.42E-06	1.40E-06	1.44E-06	1.30E-06	5.81E-07	5.66E-07	2.68E-08	6.48E-07	1.43E-07	1.95E-07	3.09E-07	5.33E-08	2.97E-07	1.67E-06
2113	494661.06	3859651.99	2.22E-03	2.27E-03	2.16E-03	7.67E-07	2.32E-06	1.34E-06	1.37E-06	1.24E-06	5.55E-07	5.41E-07	2.56E-08	6.19E-07	1.37E-07	1.86E-07	2.96E-07	5.09E-08	2.84E-07	1.60E-06
2114	494711.06	3859651.99	2.19E-03	2.24E-03	2.13E-03	7.57E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.47E-07	5.34E-07	2.53E-08	6.10E-07	1.35E-07	1.84E-07	2.92E-07	5.02E-08	2.80E-07	1.58E-06

2115	494761.06	3859651.99	2.17E-03	2.22E-03	2.12E-03	7.52E-07	2.27E-06	1.31E-06	1.34E-06	1.22E-06	5.43E-07	5.30E-07	2.51E-08	6.06E-07	1.34E-07	1.83E-07	2.90E-07	4.99E-08	2.78E-07	1.57E-06
2116	494811.06	3859651.99	2.12E-03	2.17E-03	2.06E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.30E-07	5.17E-07	2.45E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.86E-08	2.71E-07	1.53E-06
2117	494861.06	3859651.99	2.09E-03	2.14E-03	2.04E-03	7.23E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.23E-07	5.10E-07	2.41E-08	5.83E-07	1.29E-07	1.76E-07	2.79E-07	4.80E-08	2.68E-07	1.51E-06
2118	494911.06	3859651.99	2.05E-03	2.10E-03	2.00E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.13E-07	5.00E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.71E-08	2.62E-07	1.48E-06
2119	494961.06	3859651.99	2.02E-03	2.07E-03	1.97E-03	6.99E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.05E-07	4.93E-07	2.33E-08	5.64E-07	1.24E-07	1.70E-07	2.69E-07	4.64E-08	2.59E-07	1.46E-06
2120	495011.06	3859651.99	1.98E-03	2.03E-03	1.94E-03	6.87E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	4.97E-07	4.84E-07	2.29E-08	5.54E-07	1.22E-07	1.67E-07	2.65E-07	4.56E-08	2.54E-07	1.43E-06
2121	495061.06	3859651.99	1.96E-03	2.01E-03	1.91E-03	6.79E-07	2.05E-06	1.19E-06	1.21E-06	1.10E-06	4.91E-07	4.79E-07	2.27E-08	5.48E-07	1.21E-07	1.65E-07	2.62E-07	4.50E-08	2.51E-07	1.41E-06
2122	495111.06	3859651.99	1.92E-03	1.97E-03	1.88E-03	6.66E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.82E-07	4.70E-07	2.22E-08	5.37E-07	1.19E-07	1.62E-07	2.57E-07	4.42E-08	2.47E-07	1.39E-06
2123	495161.06	3859651.99	1.90E-03	1.94E-03	1.85E-03	6.57E-07	1.98E-06	1.15E-06	1.18E-06	1.07E-06	4.75E-07	4.63E-07	2.19E-08	5.30E-07	1.17E-07	1.60E-07	2.53E-07	4.36E-08	2.43E-07	1.37E-06
2124	495211.06	3859651.99	1.88E-03	1.92E-03	1.83E-03	6.50E-07	1.96E-06	1.14E-06	1.16E-06	1.05E-06	4.70E-07	4.58E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.50E-07	4.31E-08	2.40E-07	1.35E-06
2125	495261.06	3859651.99	1.85E-03	1.89E-03	1.80E-03	6.40E-07	1.93E-06	1.12E-06	1.15E-06	1.04E-06	4.63E-07	4.51E-07	2.14E-08	5.16E-07	1.14E-07	1.55E-07	2.47E-07	4.25E-08	2.37E-07	1.33E-06
2126	495311.06	3859651.99	1.83E-03	1.87E-03	1.78E-03	6.32E-07	1.91E-06	1.10E-06	1.13E-06	1.03E-06	4.57E-07	4.46E-07	2.11E-08	5.10E-07	1.13E-07	1.54E-07	2.44E-07	4.19E-08	2.34E-07	1.32E-06
2127	495361.06	3859651.99	1.81E-03	1.85E-03	1.76E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.52E-07	4.41E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.15E-08	2.31E-07	1.30E-06
2128	495411.06	3859651.99	1.78E-03	1.82E-03	1.74E-03	6.16E-07	1.86E-06	1.08E-06	1.10E-06	9.99E-07	4.45E-07	4.34E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.37E-07	4.09E-08	2.28E-07	1.28E-06
2129	495461.06	3859651.99	1.74E-03	1.78E-03	1.70E-03	6.02E-07	1.82E-06	1.05E-06	1.08E-06	9.76E-07	4.35E-07	4.24E-07	2.01E-08	4.85E-07	1.07E-07	1.46E-07	2.32E-07	3.99E-08	2.23E-07	1.25E-06
2130	495511.06	3859651.99	1.70E-03	1.74E-03	1.66E-03	5.90E-07	1.78E-06	1.03E-06	1.05E-06	9.56E-07	4.26E-07	4.16E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.27E-07	3.91E-08	2.18E-07	1.23E-06
2131	495561.06	3859651.99	1.68E-03	1.72E-03	1.64E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.45E-07	4.21E-07	4.11E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.87E-08	2.16E-07	1.21E-06
2132	495611.06	3859651.99	1.66E-03	1.70E-03	1.62E-03	5.74E-07	1.73E-06	1.00E-06	1.03E-06	9.31E-07	4.15E-07	4.05E-07	1.92E-08	4.63E-07	1.02E-07	1.39E-07	2.21E-07	3.81E-08	2.12E-07	1.19E-06
2133	495661.06	3859651.99	1.63E-03	1.67E-03	1.59E-03	5.64E-07	1.70E-06	9.86E-07	1.01E-06	9.15E-07	4.08E-07	3.98E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.74E-08	2.09E-07	1.17E-06
2134	494311.06	3859701.99	2.60E-03	2.66E-03	2.54E-03	9.01E-07	2.72E-06	1.57E-06	1.61E-06	1.46E-06	6.51E-07	6.35E-07	3.01E-08	7.27E-07	1.60E-07	2.19E-07	3.47E-07	5.98E-08	3.33E-07	1.88E-06
2135	494361.06	3859701.99	2.55E-03	2.61E-03	2.48E-03	8.81E-07	2.66E-06	1.54E-06	1.58E-06	1.43E-06	6.37E-07	6.22E-07	2.94E-08	7.11E-07	1.57E-07	2.14E-07	3.40E-07	5.85E-08	3.26E-07	1.84E-06
2136	494411.06	3859701.99	2.51E-03	2.57E-03	2.45E-03	8.70E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.29E-07	6.14E-07	2.91E-08	7.02E-07	1.55E-07	2.11E-07	3.35E-07	5.77E-08	3.22E-07	1.81E-06
2137	494461.06	3859701.99	2.52E-03	2.58E-03	2.46E-03	8.73E-07	2.64E-06	1.53E-06	1.56E-06	1.42E-06	6.32E-07	6.16E-07	2.92E-08	7.05E-07	1.55E-07	2.12E-07	3.37E-07	5.80E-08	3.23E-07	1.82E-06
2138	494511.06	3859701.99	2.48E-03	2.53E-03	2.41E-03	8.57E-07	2.59E-06	1.50E-06	1.53E-06	1.39E-06	6.19E-07	6.04E-07	2.86E-08	6.91E-07	1.52E-07	2.08E-07	3.30E-07	5.68E-08	3.17E-07	1.78E-06
2139	494561.06	3859701.99	2.44E-03	2.50E-03	2.38E-03	8.45E-07	2.55E-06	1.48E-06	1.51E-06	1.37E-06	6.11E-07	5.96E-07	2.82E-08	6.81E-07	1.50E-07	2.05E-07	3.26E-07	5.61E-08	3.13E-07	1.76E-06
2140	494611.06	3859701.99	2.40E-03	2.46E-03	2.34E-03	8.32E-07	2.51E-06	1.45E-06	1.49E-06	1.35E-06	6.01E-07	5.87E-07	2.78E-08	6.71E-07	1.48E-07	2.02E-07	3.21E-07	5.52E-08	3.08E-07	1.73E-06
2141	494661.06	3859701.99	2.29E-03	2.35E-03	2.24E-03	7.94E-07	2.40E-06	1.39E-06	1.42E-06	1.29E-06	5.74E-07	5.60E-07	2.65E-08	6.41E-07	1.41E-07	1.93E-07	3.06E-07	5.27E-08	2.94E-07	1.65E-06
2142	494711.06	3859701.99	2.28E-03	2.33E-03	2.22E-03	7.89E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.70E-07	5.56E-07	2.63E-08	6.36E-07	1.40E-07	1.92E-07	3.04E-07	5.23E-08	2.92E-07	1.64E-06
2143	494761.06	3859701.99	2.23E-03	2.28E-03	2.17E-03	7.71E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.57E-07	5.44E-07	2.57E-08	6.22E-07	1.37E-07	1.87E-07	2.97E-07	5.11E-08	2.85E-07	1.61E-06
2144	494811.06	3859701.99	2.18E-03	2.23E-03	2.12E-03	7.53E-07	2.27E-06	1.32E-06	1.35E-06	1.22E-06	5.45E-07	5.31E-07	2.51E-08	6.07E-07	1.34E-07	1.83E-07	2.90E-07	5.00E-08	2.79E-07	1.57E-06
2145	494861.06	3859701.99	2.16E-03	2.22E-03	2.11E-03	7.49E-07	2.26E-06	1.31E-06	1.34E-06	1.22E-06	5.42E-07	5.28E-07	2.50E-08	6.04E-07	1.33E-07	1.82E-07	2.89E-07	4.97E-08	2.77E-07	1.56E-06
2146	494911.06	3859701.99	2.12E-03	2.17E-03	2.07E-03	7.35E-07	2.22E-06	1.28E-06	1.31E-06	1.19E-06	5.31E-07	5.18E-07	2.45E-08	5.93E-07	1.31E-07	1.78E-07	2.83E-07	4.87E-08	2.72E-07	1.53E-06
2147	494961.06	3859701.99	2.08E-03	2.13E-03	2.03E-03	7.21E-07	2.18E-06	1.26E-06	1.29E-06	1.17E-06	5.21E-07	5.08E-07	2.41E-08	5.81E-07	1.28E-07	1.75E-07	2.78E-07	4.78E-08	2.67E-07	1.50E-06
2148	495011.06	3859701.99	2.06E-03	2.11E-03	2.01E-03	7.12E-07	2.15E-06	1.25E-06	1.27E-06	1.16E-06	5.15E-07	5.02E-07	2.38E-08	5.75E-07	1.27E-07	1.73E-07	2.75E-07	4.73E-08	2.64E-07	1.48E-06
2149	495061.06	3859701.99	2.03E-03	2.07E-03	1.98E-03	7.01E-07	2.12E-06	1.23E-06	1.25E-06	1.14E-06	5.07E-07	4.94E-07	2.34E-08	5.66E-07	1.25E-07	1.70E-07	2.70E-07	4.65E-08	2.59E-07	1.46E-06
2150	495111.06	3859701.99	1.99E-03	2.04E-03	1.94E-03	6.90E-07	2.08E-06	1.21E-06	1.23E-06	1.12E-06	4.99E-07	4.86E-07	2.30E-08	5.57E-07	1.23E-07	1.68E-07	2.66E-07	4.58E-08	2.55E-07	1.44E-06
2151	495161.06	3859701.99	1.96E-03	2.00E-03	1.91E-03	6.78E-07	2.05E-06	1.18E-06	1.21E-06	1.10E-06	4.90E-07	4.78E-07	2.26E-08	5.47E-07	1.21E-07	1.65E-07	2.61E-07	4.50E-08	2.51E-07	1.41E-06
2152	495211.06	3859701.99	1.92E-03	1.97E-03	1.88E-03	6.66E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.81E-07	4.69E-07	2.22E-08	5.37E-07	1.18E-07	1.62E-07	2.56E-07	4.42E-08	2.46E-07	1.39E-06
2153	495261.06	3859701.99	1.91E-03	1.96E-03	1.86E-03	6.61E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.78E-07	4.66E-07	2.21E-08	5.33E-07	1.18E-07	1.61E-07	2.55E-07	4.39E-08	2.45E-07	1.38E-06
2154	495311.06	3859701.99	1.88E-03	1.92E-03	1.83E-03	6.50E-07	1.96E-06	1.14E-06	1.16E-06	1.05E-06	4.70E-07	4.58E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.51E-07	4.31E-08	2.41E-07	1.35E-06
2155	495361.06	3859701.99	1.85E-03	1.89E-03	1.80E-03	6.40E-07	1.93E-06	1.12E-06	1.15E-06	1.04E-06	4.63E-07	4.51E-07	2.14E-08	5.16E-07	1.14E-07	1.55E-07	2.47E-07	4.25E-08	2.37E-07	1.33E-06
2156	495411.06	3859701.99	1.81E-03	1.85E-03	1.77E-03	6.27E-07	1.89E-06	1.10E-06	1.12E-06	1.02E-06	4.53E-07	4.42E-07	2.09E-08	5.06E-07	1.12E-07	1.52E-07	2.42E-07	4.16E-08	2.32E-07	1.31E-06
2157	495461.06	3859701.99	1.78E-03	1.82E-03	1.74E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.46E-07	4.35E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.09E-08	2.28E-07	1.28E-06
2158	495511.06	3859701.99	1.73E-03	1.77E-03	1.69E-03	6.00E-07	1.81E-06	1.05E-06	1.07E-06	9.73E-07	4.34E-07	4.23E-07	2.00E-08	4.84E-07	1.07E-07	1.46E-07	2.31E-07	3.98E-08	2.22E-07	1.25E-06
2159	495561.06	3859701.99	1.73E-03	1.77E-03	1.68E-03	5.98E-07	1.81E-06	1.05E-06	1.07E-06	9.70E-07	4.32E-07	4.22E-07	2.00E-08	4.82E-07	1.06E-07	1.45E-07	2.30E-07	3.97E-08	2.21E-07	1.25E-06
2160	495611.06	3859701.99	1.70E-03	1.74E-03	1.66E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.56E-07	4.26E-07	4.15E-07	1.97E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	3.91E-08	2.18E-07	1.23E-06
2161	495661.06	3859701.99	1.67E-03	1.71E-03	1.63E-03	5.80E-07	1.75E-06	1.01E-06	1.04E-06	9.40E-07	4.19E-07	4.09E-07	1.94E-08	4.68E-07	1.03E-07	1.41E-07	2.23E-07	3.85E-08	2.14E-07	1.21E-06
2162	494311.06	3859751.99	2.71E-03	2.77E-03	2.64E-03	9.37E-07	2.83E-06	1.64E-06	1.68E-06	1.52E-06	6.78E-07	6.61E-07	3.13E-08	7.56E-07	1.67E-07	2.28E-07	3.61E-07	6.22E-08	3.47E-07	1.95E-06
2163	494361.06	3859751.99	2.65E-03	2.72E-03	2.59E-03	9.19E-07	2.77E-06	1.61E-06	1.64E-06	1.49E-06	6.64E-07	6.48E-07	3.07E-08	7.41E-07	1.64E-07	2.23E-07	3.54E-07	6.10E-08	3.40E-07	1.91E-06
2164	494411.06	3859751.99	2.59E-03	2.65E-03	2.53E-03	8.97E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.49E-07	6.33E-07	3.00E-08	7.24E-07	1.60E-07	2.18E-07	3.46E-07	5.95E-08	3.32E-07	1.87E-06
2165	494461.06	3859751.99	2.59E-03	2.65E-03	2.52E-03	8.96E-07	2.70E-06	1.57E-06	1.60E-06	1.45E-06	6.48E-07	6.32E-07	2.99E-08	7.23E-07	1.59E-07	2.18E-07	3.45E-07	5.94E-08	3.32E-07	1.87E-06
2166	494511.06	3859751.99	2.57E-03	2.63E-03	2.50E-03	8.88E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.42E-07	6.26E-07	2.97E-08	7.17E-07	1.58E-07	2.16E-07	3.42E-07	5.89E-08	3.29E-07	1.85E-06
2167	494561.06	3859751.99	2.52E-03	2.58E-03	2.46E-03	8.72E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.30E-07	6.15E-07	2.91E-08	7.03E-07	1.55E-07	2.12E-07	3.36E-07	5.78E-08	3.23E-07	1.82E-06
2168	494611.06	3859751.99	2.46E-03	2.52E-03	2.40E-03	8.51E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.15E-07	6.00E-07	2.84E-08	6.87E-07	1.51E-07	2.07E-07	3.28E-07	5.65E-08	3.15E-07	1.77E-06
2169	494661.06	3859751.99	2.36E-03	2.42E-03	2.31E-03	8.18E-07	2.47E-06	1.43E-06	1.46E-06	1.33E-06	5.92E-07	5.77E-07	2.73E-08	6.60E-07	1.46E-07	1.99E-07	3.15E-07	5.43E-08	3.03E-07	1.70E-06
2170	494711.06	3859751.99	2.35E-03	2.41E-03	2.30E-03	8.15E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	5.89E-07	5.75E-07	2.72E-08	6.57E-07	1.45E-07	1.98E-07	3.14E-07	5.41E-08	3.02E-07	1.70E-06
2171	494761.06	3859751.99	2.32E-03	2.38E-03	2.26E-03	8.04E-07	2.43E-06	1.40E-06	1.44E-06	1.30E-06	5.81E-07	5.67E-07	2.68E-08	6.48E-07	1.43E-07	1.95E-07	3.10E-07	5.33E-08	2.97E-07	1.67E-06
2172	494811.06	3859751.99	2.27E-03	2.33E-03	2.22E-03	7.87E-07	2.38E-06	1.37E-06	1.41E-06	1.28E-06	5.69E-07	5.55E-07	2.63E-08	6.34E-07	1.40E-07	1.91E-07	3.03E-07	5.22E-08	2.91E-07	1.64E-06
2173	494861.06	3859751.99	2.24E-03	2.29E-03	2.18E-03	7.74E-07	2.34E-06	1.35E-06	1.39E-06	1.26E-06	5.60E-07	5.46E-07	2.59E-08	6.25E-07	1.38E-07	1.88E-07	2.98E-07	5.14E-08	2.87E-07	1.61E-06
2174	494911.06	3859751.99	2.20E-03	2.25E-03	2.15E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.51E-07	5.37E-07	2.54E-08	6.14E-07	1.36E-07	1.85E-07	2.94E-07	5.05E-08	2.82E-07	1.59E-06
2175	494961.06	3859751.99	2.17E-03	2.22E-03	2.11E-03	7.50E-07	2.26E-06	1.31E-06	1.34E-06	1.22E-06	5.42E-07	5.29E-07	2.50E-08	6.05E-07	1.33E-07	1.82E-07	2.89E-07	4.97E-08	2.77E-07	1.56E-06
2176	495011.06	3859751.99	2.13E-03	2.18E-03	2.08E-03	7.37E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.33E-07	5.19E-07	2.46E-08	5.94E-07	1.31E-07	1.79E-07	2.84E-07	4.89E-08	2.73E-07	1.53E-06
2177	495061.06	3859751.99	2.10E-03	2.15E-03	2.05E-03	7.28E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.26E-07	5.13E-07	2.43E-08	5.87E-07	1.29E-07	1.77E-07	2.80E-07	4.83E-08	2.69E-07	1.52E-06
2178	495111.06	3859751.99	2.07E-03	2.12E-03	2.02E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.17E-07	5.04E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.76E-07	4.75E-08	2.65E-07	1.49E-06
2179	495161.06	3859751.99	2.03E-03	2.08E-03	1.98E-03	7.02E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.08E-07	4.95E-07	2.34E-08	5.66E-07	1.25E-07	1.71E-07	2.71E-07	4.66E-08	2.60E-07	1.46E-06
2180	495211.06	3859751.99	1.99E-03	2.04E-03	1.94E-03	6.89E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	4.98E-07	4.86E-07	2.30E-08	5.56E-07	1.23E-07	1.67E-07	2.66E-07	4.57E-08	2.55E-07	1.43E-06
2181	495261.06	3859751.99	1.96E-03	2.01E-03	1.92E-03	6.80E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	4.92E-07	4.80E-07	2.27E-08	5.49E-07	1.21E-07	1.65E-07	2.62E-07	4.51E-08	2.52E-07	1.42E-06
2182	495311.06	3859751.99	1.93E-03	1.98E-03	1.88E-03	6.69E-07	2.02E-06	1.17E-06	1.20E-06	1.08E-06	4.83E-07	4.71E-07	2.23E-08	5.39E-07	1.19E-07	1.62E-07	2.58E-07	4.44E-08	2.47E-07	1.39E-06
2183	495361.06	3859751.99	1.90E-03	1.95E-03	1.85E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.76E-07	4.64E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.54E-07	4.37E-08	2.44E-07	1.37E-06
2184	495411.06	3859751.99	1.87E-03	1.92E-03	1.83E-03	6.48E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.57E-07	2.16E-08	5.23E-07	1.15E-07	1.57E-07	2.50E-07	4.30E-08	2.40E-07	1.35E-06
2185	495461.06	3859751.99	1.83E-03	1.88E-03	1.79E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.59E-07	4.47E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.21E-08	2.35E-07	1.32E-06
2186	495511.06	3859751.99	1.79E-03	1.84E-03	1.75E-03	6.21E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.49E-07	4.38E-07	2.07E-08	5.01E-07	1.11E-07	1.51E-07	2.39E-07	4.12E-08	2.30E-07	1.29E-06
2187	495561.06	3859751.99	1.77E-03	1.81E-03	1.72E-03	6.12E-07	1.85E-06	1.07E-06	1.09E-06	9.92E-07	4.42E-07	4.31E-07	2.04E-08	4.94E-07	1.09E-07	1.49E-07	2.36E-07	4.06E-08	2.26E-07	1.27E-06
2188	495611.06	3859751.99	1.74E-03	1.78E-03	1.70E-03	6.03E-07	1.82E-06	1.05E-06	1.08E-06	9.78E-07	4.36E-07	4.25E-07	2.01E-08	4.86E-07	1.07E-07	1.46E-07	2.32E-07	4.00E-08	2.23E-07	1.26E-06
2189	495661.06	3859751.99	1.72E-03	1.76E-03	1.68E-03	5.96E-07	1.80E-06	1.04E-06	1.07E-06	9.66E-07	4.31E-07	4.20E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.95E-08	2.20E-07	1.24E-06
2190	494311.06	3859801.99	2.81E-03	2.88E-03	2.74E-03	9.73E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.03E-07	6.86E-07	3.25E-08	7.85E-07	1.73E-07	2.36E-07	3.75E-07	6.45E-08	3.60E-07	2.03E-06
2191	494361.06	3859801.99	2.73E-03	2.80E-03	2.67E-03	9.46E-07	2.86E-06	1.65E-06	1.69E-06	1.53E-06	6.84E-07	6.67E-07	3.16E-08	7.63E-07	1.68E-07	2.30E-07	3.65E-07	6.28E-08	3.50E-07	1.97E-06
2192	494411.06	3859801.99	2.66E-03	2.72E-03	2.59E-03	9.19E-07	2.78E-06	1.61E-06	1.64E-06	1.49E-06	6.65E-07	6.48E-07	3.07E-08	7.41E-07	1.64E-07	2.23E-07	3.54E-07	6.10E-08	3.40E-07	1.91E-06
2193	494461.06	3859801.99	2.65E-03	2.71E-03	2.58E-03	9.16E-07	2.77E-06	1.60E-06	1.64E-06	1.49E-06	6.62E-07	6.46E-07	3.06E-08	7.39E-07	1.63E-07	2.23E-07	3.53E-07	6.08E-08	3.39E-07	1.91E-06
2194	494511.06	3859801.99	2.64E-03	2.70E-03	2.58E-03	9.15E-07	2.76E-06	1.60E-06	1.64E-06	1.48E-06	6.61E-07	6.45E-07	3.05E-08	7.38E-07	1.63E-07	2.22E-07	3.52E-07	6.07E-08	3.38E-07	1.91E-06
2195	494561.06	3859801.99	2.59E-03	2.66E-03	2.53E-03	8.98E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.49E-07	6.33E-07	3.00E-08	7.24E-07	1.60E-07	2.18E-07	3.46E-07	5.96E-08	3.32E-07	1.87E-06
2196	494611.06	3859801.99	2.51E-03	2.57E-03	2.45E-03	8.68E-07	2.62E-06	1.52E-06	1.55E-06	1.41E-06	6.28E-07	6.12E-07	2.90E-08	7.00E-07	1.55E-07	2.11E-07	3.35E-07	5.76E-08	3.21E-07	1.81E-06
2197	494661.06	3859801.99	2.46E-03	2.51E-03	2.40E-03	8.50E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.15E-07	6.00E-07	2.84E-08	6.86E-07	1.51E-07	2.07E-07	3.28E-07	5.64E-08	3.15E-07	1.77E-06
2198	494711.06	3859801.99	2.40E-03	2.45E-03	2.34E-03	8.30E-07	2.51E-06	1.45E-06	1.48E-06	1.35E-06	6.00E-07	5.85E-07	2.77E-08	6.69E-07	1.48E-07	2.02E-07	3.20E-07	5.50E-08	3.07E-07	1.73E-06
2199	494761.06	3859801.99	2.39E-03	2.45E-03	2.33E-03	8.28E-07	2.50E-06	1.45E-06	1.48E-06	1.34E-06	5.99E-07	5.84E-07	2.76E-08	6.68E-07	1.47E-07	2.01E-07	3.19E-07	5.49E-08	3.06E-07	1.72E-06
2200	494811.06	3859801.99	2.34E-03	2.40E-03	2.29E-03	8.12E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	5.87E-07	5.72E-07	2.71E-08	6.55E-07	1.44E-07	1.97E-07	3.13E-07	5.39E-08	3.00E-07	1.69E-06
2201	494861.06	3859801.99	2.31E-03	2.37E-03	2.25E-03	8.00E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.78E-07	5.64E-07	2.67E-08	6.45E-07	1.42E-07	1.94E-07	3.08E-07	5.31E-08	2.96E-07	1.67E-06
2202	494911.06	3859801.99	2.26E-03	2.31E-03	2.21E-03	7.83E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.66E-07	5.52E-07	2.61E-08	6.31E-07	1.39E-07	1.90E-07	3.02E-07	5.19E-08	2.90E-07	1.63E-06
2203	494961.06	3859801.99	2.22E-03	2.28E-03	2.17E-03	7.70E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.57E-07	5.43E-07	2.57E-08	6.21E-07	1.37E-07	1.87E-07	2.97E-07	5.11E-08	2.85E-07	1.60E-06
2204	495011.06	3859801.99	2.19E-03	2.24E-03	2.13E-03	7.57E-07	2.29E-06	1.32E-06	1.35E-06	1.23E-06	5.47E-07	5.34E-07	2.53E-08	6.11E-07	1.35E-07	1.84E-07	2.92E-07	5.02E-08	2.80E-07	1.58E-06
2205	495061.06	3859801.99	2.16E-03	2.21E-03	2.10E-03	7.46E-07	2.25E-06	1.30E-06	1.34E-06	1.21E-06	5.40E-07	5.26E-07	2.49E-08	6.02E-07	1.33E-07	1.81E-07	2.88E-07	4.95E-08	2.76E-07	1.55E-06
2206	495111.06	3859801.99	2.11E-03	2.16E-03	2.06E-03	7.32E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.29E-07	5.16E-07	2.44E-08	5.90E-07	1.30E-07	1.78E-07	2.82E-07	4.86E-08	2.71E-07	1.52E-06
2207	495161.06	3859801.99	2.08E-03	2.12E-03	2.02E-03	7.18E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.19E-07	5.07E-07	2.40E-08	5.80E-07	1.28E-07	1.75E-07	2.77E-07	4.77E-08	2.66E-07	1.50E-06
2208	495211.06	3859801.99	2.05E-03	2.10E-03	2.00E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.12E-07	5.00E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.70E-08	2.62E-07	1.48E-06
2209	495261.06	3859801.99	2.01E-03	2.06E-03	1.96E-03	6.95E-07	2.10E-06	1.22E-06	1.24E-06	1.13E-06	5.03E-07	4.90E-07	2.32E-08	5.61E-07	1.24E-07	1.69E-07	2.68E-07	4.61E-08	2.57E-07	1.45E-06
2210	495311.06	3859801.99	1.98E-03	2.03E-03	1.93E-03	6.86E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	4.96E-07	4.84E-07	2.29E-08	5.54E-07	1.22E-07	1.67E-07	2.65E-07	4.55E-08	2.54E-07	1.43E-06
2211	495361.06	3859801.99	1.95E-03	2.00E-03	1.90E-03	6.75E-07	2.04E-06	1.18E-06	1.21E-06	1.09E-06	4.88E-07	4.76E-07	2.25E-08	5.44E-07	1.20E-07	1.64E-07	2.60E-07	4.48E-08	2.50E-07	1.41E-06
2212	495411.06	3859801.99	1.91E-03	1.96E-03	1.86E-03	6.62E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.78E-07	4.67E-07	2.21E-08	5.34E-07	1.18E-07	1.61E-07	2.55E-07	4.39E-08	2.45E-07	1.38E-06
2213	495461.06	3859801.99	1.88E-03	1.93E-03	1.83E-03	6.51E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.71E-07	4.59E-07	2.17E-08	5.25E-07	1.16E-07	1.58E-07	2.51E-07	4.32E-08	2.41E-07	1.36E-06
2214	495511.06	3859801.99	1.84E-03	1.88E-03	1.79E-03	6.37E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.60E-07	4.49E-07	2.13E-08	5.14E-07	1.13E-07	1.55E-07	2.45E-07	4.22E-08	2.36E-07	1.33E-06
2215	495561.06	3859801.99	1.81E-03	1.86E-03	1.77E-03	6.28E-07	1.90E-06	1.10E-06	1.12E-06	1.02E-06	4.54E-07	4.43E-07	2.10E-08	5.07E-07	1.12E-07	1.53E-07	2.42E-07	4.17E-08	2.32E-07	1.31E-06

2216	495611.06	3859801.99	1.80E-03	1.84E-03	1.76E-03	6.23E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.50E-07	4.39E-07	2.08E-08	5.02E-07	1.11E-07	1.51E-07	2.40E-07	4.13E-08	2.31E-07	1.30E-06
2217	495661.06	3859801.99	1.76E-03	1.81E-03	1.72E-03	6.10E-07	1.84E-06	1.07E-06	1.09E-06	9.90E-07	4.41E-07	4.30E-07	2.04E-08	4.92E-07	1.09E-07	1.48E-07	2.35E-07	4.05E-08	2.26E-07	1.27E-06
2218	494311.06	3859851.99	2.88E-03	2.95E-03	2.81E-03	9.98E-07	3.01E-06	1.74E-06	1.79E-06	1.62E-06	7.21E-07	7.04E-07	3.33E-08	8.05E-07	1.78E-07	2.42E-07	3.85E-07	6.62E-08	3.69E-07	2.08E-06
2219	494361.06	3859851.99	2.82E-03	2.88E-03	2.75E-03	9.75E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.05E-07	6.87E-07	3.26E-08	7.86E-07	1.74E-07	2.37E-07	3.76E-07	6.47E-08	3.61E-07	2.03E-06
2220	494411.06	3859851.99	2.74E-03	2.81E-03	2.68E-03	9.50E-07	2.87E-06	1.66E-06	1.70E-06	1.54E-06	6.87E-07	6.70E-07	3.17E-08	7.66E-07	1.69E-07	2.31E-07	3.66E-07	6.30E-08	3.52E-07	1.98E-06
2221	494461.06	3859851.99	2.69E-03	2.75E-03	2.62E-03	9.31E-07	2.81E-06	1.63E-06	1.67E-06	1.51E-06	6.73E-07	6.57E-07	3.11E-08	7.51E-07	1.66E-07	2.26E-07	3.59E-07	6.18E-08	3.45E-07	1.94E-06
2222	494511.06	3859851.99	2.67E-03	2.73E-03	2.60E-03	9.24E-07	2.79E-06	1.61E-06	1.65E-06	1.50E-06	6.68E-07	6.51E-07	3.09E-08	7.45E-07	1.64E-07	2.24E-07	3.56E-07	6.13E-08	3.42E-07	1.92E-06
2223	494561.06	3859851.99	2.66E-03	2.72E-03	2.59E-03	9.19E-07	2.78E-06	1.61E-06	1.64E-06	1.49E-06	6.65E-07	6.48E-07	3.07E-08	7.41E-07	1.64E-07	2.23E-07	3.54E-07	6.10E-08	3.40E-07	1.91E-06
2224	494611.06	3859851.99	2.56E-03	2.62E-03	2.50E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.41E-07	6.25E-07	2.96E-08	7.15E-07	1.58E-07	2.15E-07	3.42E-07	5.88E-08	3.28E-07	1.85E-06
2225	494661.06	3859851.99	2.53E-03	2.59E-03	2.47E-03	8.77E-07	2.65E-06	1.53E-06	1.57E-06	1.42E-06	6.34E-07	6.19E-07	2.93E-08	7.08E-07	1.56E-07	2.13E-07	3.38E-07	5.82E-08	3.25E-07	1.83E-06
2226	494711.06	3859851.99	2.47E-03	2.52E-03	2.40E-03	8.53E-07	2.58E-06	1.49E-06	1.53E-06	1.38E-06	6.17E-07	6.02E-07	2.85E-08	6.88E-07	1.52E-07	2.07E-07	3.29E-07	5.66E-08	3.16E-07	1.78E-06
2227	494761.06	3859851.99	2.45E-03	2.51E-03	2.39E-03	8.49E-07	2.56E-06	1.48E-06	1.52E-06	1.38E-06	6.14E-07	5.99E-07	2.84E-08	6.85E-07	1.51E-07	2.06E-07	3.27E-07	5.64E-08	3.14E-07	1.77E-06
2228	494811.06	3859851.99	2.41E-03	2.46E-03	2.35E-03	8.34E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.03E-07	5.88E-07	2.78E-08	6.72E-07	1.48E-07	2.02E-07	3.21E-07	5.53E-08	3.08E-07	1.74E-06
2229	494861.06	3859851.99	2.38E-03	2.43E-03	2.32E-03	8.23E-07	2.49E-06	1.44E-06	1.47E-06	1.33E-06	5.95E-07	5.80E-07	2.75E-08	6.64E-07	1.46E-07	2.00E-07	3.17E-07	5.46E-08	3.05E-07	1.71E-06
2230	494911.06	3859851.99	2.33E-03	2.38E-03	2.27E-03	8.06E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.83E-07	5.68E-07	2.69E-08	6.50E-07	1.43E-07	1.96E-07	3.10E-07	5.35E-08	2.98E-07	1.68E-06
2231	494961.06	3859851.99	2.29E-03	2.34E-03	2.23E-03	7.92E-07	2.39E-06	1.38E-06	1.42E-06	1.29E-06	5.73E-07	5.59E-07	2.65E-08	6.39E-07	1.41E-07	1.92E-07	3.05E-07	5.26E-08	2.93E-07	1.65E-06
2232	495011.06	3859851.99	2.25E-03	2.30E-03	2.19E-03	7.79E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.63E-07	5.49E-07	2.60E-08	6.28E-07	1.39E-07	1.89E-07	3.00E-07	5.17E-08	2.88E-07	1.62E-06
2233	495061.06	3859851.99	2.22E-03	2.27E-03	2.16E-03	7.68E-07	2.32E-06	1.34E-06	1.37E-06	1.25E-06	5.55E-07	5.42E-07	2.56E-08	6.19E-07	1.37E-07	1.87E-07	2.96E-07	5.10E-08	2.84E-07	1.60E-06
2234	495111.06	3859851.99	2.17E-03	2.22E-03	2.12E-03	7.52E-07	2.27E-06	1.31E-06	1.35E-06	1.22E-06	5.44E-07	5.30E-07	2.51E-08	6.06E-07	1.34E-07	1.83E-07	2.90E-07	4.99E-08	2.78E-07	1.57E-06
2235	495161.06	3859851.99	2.13E-03	2.18E-03	2.08E-03	7.39E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.34E-07	5.21E-07	2.47E-08	5.96E-07	1.31E-07	1.79E-07	2.85E-07	4.90E-08	2.73E-07	1.54E-06
2236	495211.06	3859851.99	2.10E-03	2.15E-03	2.05E-03	7.26E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.25E-07	5.12E-07	2.43E-08	5.86E-07	1.29E-07	1.76E-07	2.80E-07	4.82E-08	2.69E-07	1.51E-06
2237	495261.06	3859851.99	2.06E-03	2.11E-03	2.01E-03	7.14E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.16E-07	5.03E-07	2.38E-08	5.76E-07	1.27E-07	1.73E-07	2.75E-07	4.74E-08	2.64E-07	1.49E-06
2238	495311.06	3859851.99	2.03E-03	2.08E-03	1.98E-03	7.04E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.96E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.47E-06
2239	495361.06	3859851.99	2.00E-03	2.05E-03	1.95E-03	6.93E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.01E-07	4.88E-07	2.31E-08	5.59E-07	1.23E-07	1.68E-07	2.67E-07	4.60E-08	2.56E-07	1.44E-06
2240	495411.06	3859851.99	1.96E-03	2.01E-03	1.91E-03	6.80E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	4.91E-07	4.79E-07	2.27E-08	5.48E-07	1.21E-07	1.65E-07	2.62E-07	4.51E-08	2.51E-07	1.42E-06
2241	495461.06	3859851.99	1.93E-03	1.97E-03	1.88E-03	6.67E-07	2.01E-06	1.17E-06	1.19E-06	1.08E-06	4.82E-07	4.70E-07	2.23E-08	5.38E-07	1.19E-07	1.62E-07	2.57E-07	4.43E-08	2.47E-07	1.39E-06
2242	495511.06	3859851.99	1.89E-03	1.93E-03	1.84E-03	6.53E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.72E-07	4.61E-07	2.18E-08	5.27E-07	1.16E-07	1.59E-07	2.52E-07	4.34E-08	2.42E-07	1.36E-06
2243	495561.06	3859851.99	1.87E-03	1.91E-03	1.82E-03	6.46E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.67E-07	4.55E-07	2.16E-08	5.21E-07	1.15E-07	1.57E-07	2.49E-07	4.28E-08	2.39E-07	1.34E-06
2244	495611.06	3859851.99	1.84E-03	1.88E-03	1.80E-03	6.37E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.61E-07	4.49E-07	2.13E-08	5.14E-07	1.13E-07	1.55E-07	2.46E-07	4.23E-08	2.36E-07	1.33E-06
2245	495661.06	3859851.99	1.81E-03	1.85E-03	1.76E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.52E-07	4.41E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.15E-08	2.31E-07	1.30E-06
2246	494311.06	3859901.99	2.94E-03	3.01E-03	2.87E-03	1.02E-06	3.08E-06	1.78E-06	1.82E-06	1.65E-06	7.37E-07	7.19E-07	3.40E-08	8.22E-07	1.81E-07	2.48E-07	3.93E-07	6.76E-08	3.77E-07	2.12E-06
2247	494361.06	3859901.99	2.85E-03	2.92E-03	2.78E-03	9.86E-07	2.98E-06	1.72E-06	1.76E-06	1.60E-06	7.13E-07	6.95E-07	3.29E-08	7.95E-07	1.76E-07	2.40E-07	3.80E-07	6.54E-08	3.65E-07	2.05E-06
2248	494411.06	3859901.99	2.81E-03	2.88E-03	2.74E-03	9.74E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.04E-07	6.87E-07	3.25E-08	7.86E-07	1.73E-07	2.37E-07	3.75E-07	6.46E-08	3.60E-07	2.03E-06
2249	494461.06	3859901.99	2.76E-03	2.82E-03	2.69E-03	9.55E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	6.91E-07	6.74E-07	3.19E-08	7.71E-07	1.70E-07	2.32E-07	3.68E-07	6.34E-08	3.54E-07	1.99E-06
2250	494511.06	3859901.99	2.72E-03	2.79E-03	2.66E-03	9.42E-07	2.85E-06	1.65E-06	1.69E-06	1.53E-06	6.81E-07	6.65E-07	3.15E-08	7.60E-07	1.68E-07	2.29E-07	3.63E-07	6.25E-08	3.49E-07	1.96E-06
2251	494561.06	3859901.99	2.72E-03	2.78E-03	2.65E-03	9.42E-07	2.84E-06	1.65E-06	1.68E-06	1.53E-06	6.81E-07	6.64E-07	3.14E-08	7.60E-07	1.68E-07	2.29E-07	3.63E-07	6.25E-08	3.48E-07	1.96E-06
2252	494611.06	3859901.99	2.62E-03	2.68E-03	2.55E-03	9.07E-07	2.74E-06	1.58E-06	1.62E-06	1.47E-06	6.56E-07	6.39E-07	3.03E-08	7.31E-07	1.61E-07	2.20E-07	3.49E-07	6.02E-08	3.36E-07	1.89E-06
2253	494661.06	3859901.99	2.61E-03	2.67E-03	2.55E-03	9.03E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.53E-07	6.37E-07	3.02E-08	7.29E-07	1.61E-07	2.19E-07	3.48E-07	5.99E-08	3.34E-07	1.88E-06
2254	494711.06	3859901.99	2.52E-03	2.58E-03	2.45E-03	8.71E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.30E-07	6.14E-07	2.91E-08	7.03E-07	1.55E-07	2.12E-07	3.36E-07	5.78E-08	3.22E-07	1.81E-06
2255	494761.06	3859901.99	2.49E-03	2.55E-03	2.43E-03	8.64E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.24E-07	6.09E-07	2.88E-08	6.97E-07	1.54E-07	2.10E-07	3.33E-07	5.73E-08	3.20E-07	1.80E-06
2256	494811.06	3859901.99	2.47E-03	2.53E-03	2.41E-03	8.56E-07	2.59E-06	1.50E-06	1.53E-06	1.39E-06	6.19E-07	6.04E-07	2.86E-08	6.91E-07	1.52E-07	2.08E-07	3.30E-07	5.68E-08	3.17E-07	1.78E-06
2257	494861.06	3859901.99	2.44E-03	2.50E-03	2.38E-03	8.45E-07	2.55E-06	1.48E-06	1.51E-06	1.37E-06	6.11E-07	5.96E-07	2.82E-08	6.81E-07	1.50E-07	2.05E-07	3.26E-07	5.60E-08	3.13E-07	1.76E-06
2258	494911.06	3859901.99	2.39E-03	2.44E-03	2.33E-03	8.27E-07	2.50E-06	1.44E-06	1.48E-06	1.34E-06	5.98E-07	5.83E-07	2.76E-08	6.67E-07	1.47E-07	2.01E-07	3.19E-07	5.48E-08	3.06E-07	1.72E-06
2259	494961.06	3859901.99	2.35E-03	2.41E-03	2.29E-03	8.14E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	5.89E-07	5.74E-07	2.72E-08	6.57E-07	1.45E-07	1.98E-07	3.14E-07	5.40E-08	3.01E-07	1.70E-06
2260	495011.06	3859901.99	2.31E-03	2.36E-03	2.25E-03	7.99E-07	2.41E-06	1.40E-06	1.43E-06	1.30E-06	5.77E-07	5.63E-07	2.67E-08	6.44E-07	1.42E-07	1.94E-07	3.08E-07	5.30E-08	2.96E-07	1.66E-06
2261	495061.06	3859901.99	2.27E-03	2.32E-03	2.21E-03	7.85E-07	2.37E-06	1.37E-06	1.40E-06	1.27E-06	5.67E-07	5.53E-07	2.62E-08	6.33E-07	1.40E-07	1.91E-07	3.02E-07	5.21E-08	2.90E-07	1.63E-06
2262	495111.06	3859901.99	2.22E-03	2.27E-03	2.16E-03	7.68E-07	2.32E-06	1.34E-06	1.37E-06	1.25E-06	5.55E-07	5.42E-07	2.56E-08	6.20E-07	1.37E-07	1.87E-07	2.96E-07	5.10E-08	2.84E-07	1.60E-06
2263	495161.06	3859901.99	2.17E-03	2.23E-03	2.12E-03	7.53E-07	2.27E-06	1.32E-06	1.35E-06	1.22E-06	5.44E-07	5.31E-07	2.51E-08	6.07E-07	1.34E-07	1.83E-07	2.90E-07	4.99E-08	2.79E-07	1.57E-06
2264	495211.06	3859901.99	2.15E-03	2.20E-03	2.09E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.37E-07	5.24E-07	2.48E-08	6.00E-07	1.32E-07	1.81E-07	2.86E-07	4.93E-08	2.75E-07	1.55E-06
2265	495261.06	3859901.99	2.10E-03	2.15E-03	2.05E-03	7.27E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.25E-07	5.12E-07	2.43E-08	5.86E-07	1.29E-07	1.77E-07	2.80E-07	4.82E-08	2.69E-07	1.51E-06
2266	495311.06	3859901.99	2.07E-03	2.12E-03	2.02E-03	7.18E-07	2.17E-06	1.25E-06	1.28E-06	1.16E-06	5.19E-07	5.06E-07	2.40E-08	5.79E-07	1.28E-07	1.74E-07	2.77E-07	4.76E-08	2.66E-07	1.49E-06
2267	495361.06	3859901.99	2.04E-03	2.09E-03	1.99E-03	7.05E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.10E-07	4.97E-07	2.35E-08	5.69E-07	1.26E-07	1.71E-07	2.72E-07	4.68E-08	2.61E-07	1.47E-06
2268	495411.06	3859901.99	2.00E-03	2.04E-03	1.95E-03	6.91E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.00E-07	4.87E-07	2.31E-08	5.58E-07	1.23E-07	1.68E-07	2.66E-07	4.59E-08	2.56E-07	1.44E-06
2269	495461.06	3859901.99	1.96E-03	2.01E-03	1.91E-03	6.79E-07	2.05E-06	1.19E-06	1.22E-06	1.10E-06	4.91E-07	4.79E-07	2.27E-08	5.48E-07	1.21E-07	1.65E-07	2.62E-07	4.51E-08	2.51E-07	1.41E-06
2270	495511.06	3859901.99	1.94E-03	1.98E-03	1.89E-03	6.70E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.85E-07	4.73E-07	2.24E-08	5.41E-07	1.19E-07	1.63E-07	2.58E-07	4.45E-08	2.48E-07	1.40E-06
2271	495561.06	3859901.99	1.91E-03	1.96E-03	1.86E-03	6.61E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.78E-07	4.66E-07	2.21E-08	5.34E-07	1.18E-07	1.61E-07	2.55E-07	4.39E-08	2.45E-07	1.38E-06
2272	495611.06	3859901.99	1.88E-03	1.92E-03	1.83E-03	6.49E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.58E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.50E-07	4.31E-08	2.40E-07	1.35E-06
2273	495661.06	3859901.99	1.84E-03	1.88E-03	1.79E-03	6.37E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.60E-07	4.49E-07	2.13E-08	5.14E-07	1.13E-07	1.55E-07	2.45E-07	4.22E-08	2.36E-07	1.33E-06
2274	494311.06	3859951.99	3.01E-03	3.08E-03	2.94E-03	1.04E-06	3.15E-06	1.82E-06	1.87E-06	1.69E-06	7.54E-07	7.35E-07	3.48E-08	8.41E-07	1.86E-07	2.53E-07	4.02E-07	6.92E-08	3.86E-07	2.17E-06
2275	494361.06	3859951.99	2.94E-03	3.01E-03	2.87E-03	1.02E-06	3.07E-06	1.78E-06	1.82E-06	1.65E-06	7.36E-07	7.17E-07	3.40E-08	8.21E-07	1.81E-07	2.47E-07	3.92E-07	6.75E-08	3.76E-07	2.12E-06
2276	494411.06	3859951.99	2.87E-03	2.94E-03	2.80E-03	9.95E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.19E-07	7.01E-07	3.32E-08	8.02E-07	1.77E-07	2.42E-07	3.83E-07	6.60E-08	3.68E-07	2.07E-06
2277	494461.06	3859951.99	2.82E-03	2.89E-03	2.75E-03	9.76E-07	2.95E-06	1.71E-06	1.75E-06	1.58E-06	7.06E-07	6.88E-07	3.26E-08	7.87E-07	1.74E-07	2.37E-07	3.76E-07	6.47E-08	3.61E-07	2.03E-06
2278	494511.06	3859951.99	2.78E-03	2.85E-03	2.71E-03	9.63E-07	2.91E-06	1.68E-06	1.72E-06	1.56E-06	6.96E-07	6.79E-07	3.22E-08	7.77E-07	1.71E-07	2.34E-07	3.71E-07	6.39E-08	3.56E-07	2.01E-06
2279	494561.06	3859951.99	2.79E-03	2.85E-03	2.72E-03	9.65E-07	2.91E-06	1.69E-06	1.73E-06	1.57E-06	6.98E-07	6.81E-07	3.22E-08	7.79E-07	1.72E-07	2.34E-07	3.72E-07	6.40E-08	3.57E-07	2.01E-06
2280	494611.06	3859951.99	2.70E-03	2.76E-03	2.63E-03	9.33E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.75E-07	6.58E-07	3.12E-08	7.53E-07	1.66E-07	2.27E-07	3.60E-07	6.19E-08	3.45E-07	1.94E-06
2281	494661.06	3859951.99	2.68E-03	2.74E-03	2.61E-03	9.27E-07	2.80E-06	1.62E-06	1.66E-06	1.50E-06	6.70E-07	6.54E-07	3.10E-08	7.48E-07	1.65E-07	2.25E-07	3.57E-07	6.15E-08	3.43E-07	1.93E-06
2282	494711.06	3859951.99	2.60E-03	2.66E-03	2.53E-03	8.99E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.50E-07	6.34E-07	3.00E-08	7.25E-07	1.60E-07	2.18E-07	3.46E-07	5.96E-08	3.33E-07	1.87E-06
2283	494761.06	3859951.99	2.56E-03	2.62E-03	2.50E-03	8.87E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.41E-07	6.25E-07	2.96E-08	7.15E-07	1.58E-07	2.15E-07	3.42E-07	5.88E-08	3.28E-07	1.85E-06
2284	494811.06	3859951.99	2.52E-03	2.58E-03	2.46E-03	8.73E-07	2.64E-06	1.53E-06	1.56E-06	1.42E-06	6.31E-07	6.16E-07	2.92E-08	7.04E-07	1.55E-07	2.12E-07	3.37E-07	5.79E-08	3.23E-07	1.82E-06
2285	494861.06	3859951.99	2.50E-03	2.56E-03	2.44E-03	8.64E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.25E-07	6.10E-07	2.89E-08	6.97E-07	1.54E-07	2.10E-07	3.33E-07	5.74E-08	3.20E-07	1.80E-06
2286	494911.06	3859951.99	2.44E-03	2.50E-03	2.38E-03	8.45E-07	2.55E-06	1.48E-06	1.51E-06	1.37E-06	6.11E-07	5.96E-07	2.82E-08	6.82E-07	1.50E-07	2.05E-07	3.26E-07	5.61E-08	3.13E-07	1.76E-06
2287	494961.06	3859951.99	2.39E-03	2.45E-03	2.33E-03	8.28E-07	2.50E-06	1.45E-06	1.48E-06	1.34E-06	5.99E-07	5.84E-07	2.77E-08	6.68E-07	1.47E-07	2.01E-07	3.19E-07	5.50E-08	3.06E-07	1.72E-06
2288	495011.06	3859951.99	2.35E-03	2.40E-03	2.29E-03	8.13E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	5.88E-07	5.73E-07	2.71E-08	6.56E-07	1.45E-07	1.97E-07	3.13E-07	5.39E-08	3.01E-07	1.69E-06
2289	495061.06	3859951.99	2.31E-03	2.37E-03	2.25E-03	8.00E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.78E-07	5.64E-07	2.67E-08	6.45E-07	1.42E-07	1.94E-07	3.08E-07	5.31E-08	2.96E-07	1.67E-06
2290	495111.06	3859951.99	2.26E-03	2.32E-03	2.21E-03	7.83E-07	2.36E-06	1.37E-06	1.40E-06	1.27E-06	5.66E-07	5.52E-07	2.61E-08	6.32E-07	1.39E-07	1.90E-07	3.02E-07	5.19E-08	2.90E-07	1.63E-06
2291	495161.06	3859951.99	2.22E-03	2.27E-03	2.16E-03	7.67E-07	2.32E-06	1.34E-06	1.37E-06	1.24E-06	5.55E-07	5.41E-07	2.56E-08	6.19E-07	1.37E-07	1.86E-07	2.96E-07	5.09E-08	2.84E-07	1.60E-06
2292	495211.06	3859951.99	2.17E-03	2.22E-03	2.12E-03	7.52E-07	2.27E-06	1.31E-06	1.35E-06	1.22E-06	5.44E-07	5.30E-07	2.51E-08	6.06E-07	1.34E-07	1.83E-07	2.90E-07	4.99E-08	2.78E-07	1.57E-06
2293	495261.06	3859951.99	2.14E-03	2.19E-03	2.08E-03	7.39E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.34E-07	5.21E-07	2.47E-08	5.96E-07	1.32E-07	1.80E-07	2.85E-07	4.90E-08	2.74E-07	1.54E-06
2294	495311.06	3859951.99	2.11E-03	2.16E-03	2.06E-03	7.31E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.28E-07	5.15E-07	2.44E-08	5.90E-07	1.30E-07	1.78E-07	2.82E-07	4.85E-08	2.70E-07	1.52E-06
2295	495361.06	3859951.99	2.08E-03	2.13E-03	2.03E-03	7.20E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.20E-07	5.08E-07	2.40E-08	5.81E-07	1.28E-07	1.75E-07	2.77E-07	4.78E-08	2.66E-07	1.50E-06
2296	495411.06	3859951.99	2.04E-03	2.09E-03	1.99E-03	7.06E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.10E-07	4.98E-07	2.36E-08	5.69E-07	1.26E-07	1.71E-07	2.72E-07	4.68E-08	2.61E-07	1.47E-06
2297	495461.06	3859951.99	2.00E-03	2.05E-03	1.95E-03	6.93E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.01E-07	4.89E-07	2.32E-08	5.59E-07	1.23E-07	1.68E-07	2.67E-07	4.60E-08	2.57E-07	1.44E-06
2298	495511.06	3859951.99	1.97E-03	2.01E-03	1.92E-03	6.81E-07	2.06E-06	1.19E-06	1.22E-06	1.10E-06	4.92E-07	4.80E-07	2.27E-08	5.49E-07	1.21E-07	1.65E-07	2.62E-07	4.52E-08	2.52E-07	1.42E-06
2299	495561.06	3859951.99	1.95E-03	2.00E-03	1.90E-03	6.75E-07	2.04E-06	1.18E-06	1.21E-06	1.09E-06	4.88E-07	4.76E-07	2.25E-08	5.44E-07	1.20E-07	1.64E-07	2.60E-07	4.48E-08	2.50E-07	1.41E-06
2300	495611.06	3859951.99	1.91E-03	1.96E-03	1.87E-03	6.62E-07	2.00E-06	1.16E-06	1.19E-06	1.07E-06	4.79E-07	4.67E-07	2.21E-08	5.34E-07	1.18E-07	1.61E-07	2.55E-07	4.39E-08	2.45E-07	1.38E-06
2301	495661.06	3859951.99	1.87E-03	1.92E-03	1.83E-03	6.48E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.57E-07	2.17E-08	5.23E-07	1.15E-07	1.58E-07	2.50E-07	4.30E-08	2.40E-07	1.35E-06
2302	494311.06	3860001.99	3.07E-03	3.14E-03	2.99E-03	1.06E-06	3.21E-06	1.86E-06	1.90E-06	1.72E-06	7.68E-07	7.49E-07	3.55E-08	8.57E-07	1.89E-07	2.58E-07	4.09E-07	7.05E-08	3.93E-07	2.21E-06
2303	494361.06	3860001.99	3.01E-03	3.08E-03	2.93E-03	1.04E-06	3.14E-06	1.82E-06	1.86E-06	1.69E-06	7.53E-07	7.34E-07	3.48E-08	8.40E-07	1.85E-07	2.53E-07	4.01E-07	6.91E-08	3.85E-07	2.17E-06
2304	494411.06	3860001.99	2.92E-03	2.99E-03	2.85E-03	1.01E-06	3.06E-06	1.77E-06	1.81E-06	1.64E-06	7.32E-07	7.13E-07	3.38E-08	8.16E-07	1.80E-07	2.46E-07	3.90E-07	6.71E-08	3.74E-07	2.11E-06
2305	494461.06	3860001.99	2.88E-03	2.95E-03	2.81E-03	9.97E-07	3.01E-06	1.74E-06	1.78E-06	1.62E-06	7.21E-07	7.03E-07	3.33E-08	8.04E-07	1.77E-07	2.42E-07	3.84E-07	6.61E-08	3.69E-07	2.08E-06
2306	494511.06	3860001.99	2.81E-03	2.88E-03	2.75E-03	9.74E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.04E-07	6.87E-07	3.25E-08	7.86E-07	1.73E-07	2.37E-07	3.75E-07	6.46E-08	3.61E-07	2.03E-06
2307	494561.06	3860001.99	2.84E-03	2.91E-03	2.77E-03	9.84E-07	2.97E-06	1.72E-06	1.76E-06	1.60E-06	7.11E-07	6.94E-07	3.28E-08	7.93E-07	1.75E-07	2.39E-07	3.79E-07	6.53E-08	3.64E-07	2.05E-06
2308	494611.06	3860001.99	2.77E-03	2.84E-03	2.71E-03	9.60E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	6.94E-07	6.77E-07	3.21E-08	7.74E-07	1.71E-07	2.33E-07	3.70E-07	6.37E-08	3.55E-07	2.00E-06
2309	494661.06	3860001.99	2.73E-03	2.80E-03	2.66E-03	9.45E-07	2.85E-06	1.65E-06	1.69E-06	1.53E-06	6.84E-07	6.67E-07	3.16E-08	7.63E-07	1.68E-07	2.30E-07	3.64E-07	6.27E-08	3.50E-07	1.97E-06
2310	494711.06	3860001.99	2.62E-03	2.68E-03	2.56E-03	9.07E-07	2.74E-06	1.59E-06	1.62E-06	1.47E-06	6.56E-07	6.40E-07	3.03E-08	7.32E-07	1.61E-07	2.20E-07	3.49E-07	6.02E-08	3.36E-07	1.89E-06
2311	494761.06	3860001.99	2.61E-03	2.68E-03	2.55E-03	9.05E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.54E-07	6.38E-07	3.02E-08	7.30E-07	1.61E-07	2.20E-07	3.49E-07	6.00E-08	3.35E-07	1.88E-06
2312	494811.06	3860001.99	2.58E-03	2.64E-03	2.52E-03	8.93E-07	2.70E-06	1.56E-06	1.60E-06	1.45E-06	6.46E-07	6.30E-07	2.98E-08	7.20E-07	1.59E-07	2.17E-07	3.44E-07	5.93E-08	3.31E-07	1.86E-06
2313	494861.06	3860001.99	2.55E-03	2.61E-03	2.49E-03	8.83E-07	2.67E-06	1.54E-06	1.58E-06	1.43E-06	6.39E-07	6.23E-07	2.95E-08	7.13E-07	1.57E-07	2.15E-07	3.40E-07	5.86E-08	3.27E-07	1.84E-06
2314	494911.06	3860001.99	2.46E-03	2.52E-03	2.40E-03	8.51E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.15E-07	6.00E-07	2.84E-08	6.86E-07	1.51E-07	2.07E-07	3.28E-07	5.64E-08	3.15E-07	1.77E-06
2315	494961.06	3860001.99	2.43E-03	2.49E-03	2.37E-03	8.41E-07	2.54E-06	1.47E-06	1.50E-06	1.36E-06	6.08E-07	5.93E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.58E-08	3.11E-07	1.75E-06
2316	495011.06	3860001.99	2.38E-03	2.43E-03	2.32E-03	8.23E-07	2.49E-06	1.44E-06	1.47E-06	1.34E-06	5.95E-07	5.81E-07	2.75E-08	6.64E-07	1.47E-07	2.00E-07	3.17E-07	5.46E-08	3.05E-07	1.71E-06

2317	495061.06	3860001.99	2.35E-03	2.41E-03	2.29E-03	8.14E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	5.89E-07	5.74E-07	2.72E-08	6.57E-07	1.45E-07	1.98E-07	3.14E-07	5.40E-08	3.01E-07	1.70E-06
2318	495111.06	3860001.99	2.30E-03	2.36E-03	2.25E-03	7.97E-07	2.41E-06	1.39E-06	1.43E-06	1.29E-06	5.76E-07	5.62E-07	2.66E-08	6.43E-07	1.42E-07	1.94E-07	3.07E-07	5.29E-08	2.95E-07	1.66E-06
2319	495161.06	3860001.99	2.26E-03	2.31E-03	2.20E-03	7.81E-07	2.36E-06	1.36E-06	1.40E-06	1.27E-06	5.65E-07	5.51E-07	2.61E-08	6.30E-07	1.39E-07	1.90E-07	3.01E-07	5.18E-08	2.89E-07	1.63E-06
2320	495211.06	3860001.99	2.23E-03	2.28E-03	2.17E-03	7.72E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.58E-07	5.44E-07	2.58E-08	6.23E-07	1.37E-07	1.87E-07	2.97E-07	5.12E-08	2.86E-07	1.61E-06
2321	495261.06	3860001.99	2.19E-03	2.24E-03	2.13E-03	7.57E-07	2.29E-06	1.32E-06	1.35E-06	1.23E-06	5.47E-07	5.34E-07	2.53E-08	6.11E-07	1.35E-07	1.84E-07	2.92E-07	5.02E-08	2.80E-07	1.58E-06
2322	495311.06	3860001.99	2.15E-03	2.20E-03	2.10E-03	7.46E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.39E-07	5.26E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	4.95E-08	2.76E-07	1.55E-06
2323	495361.06	3860001.99	2.10E-03	2.15E-03	2.05E-03	7.26E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.25E-07	5.12E-07	2.43E-08	5.86E-07	1.29E-07	1.76E-07	2.80E-07	4.82E-08	2.69E-07	1.51E-06
2324	495411.06	3860001.99	2.08E-03	2.13E-03	2.03E-03	7.20E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.21E-07	5.08E-07	2.40E-08	5.81E-07	1.28E-07	1.75E-07	2.77E-07	4.78E-08	2.66E-07	1.50E-06
2325	495461.06	3860001.99	2.04E-03	2.09E-03	1.99E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.12E-07	4.99E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.70E-08	2.62E-07	1.47E-06
2326	495511.06	3860001.99	2.01E-03	2.06E-03	1.96E-03	6.96E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.03E-07	4.91E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.68E-07	4.62E-08	2.58E-07	1.45E-06
2327	495561.06	3860001.99	1.99E-03	2.04E-03	1.94E-03	6.88E-07	2.08E-06	1.20E-06	1.23E-06	1.12E-06	4.98E-07	4.85E-07	2.30E-08	5.55E-07	1.23E-07	1.67E-07	2.65E-07	4.57E-08	2.55E-07	1.43E-06
2328	495611.06	3860001.99	1.95E-03	2.00E-03	1.90E-03	6.75E-07	2.04E-06	1.18E-06	1.21E-06	1.09E-06	4.88E-07	4.76E-07	2.25E-08	5.44E-07	1.20E-07	1.64E-07	2.60E-07	4.48E-08	2.50E-07	1.41E-06
2329	495661.06	3860001.99	1.91E-03	1.96E-03	1.86E-03	6.62E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.78E-07	4.67E-07	2.21E-08	5.34E-07	1.18E-07	1.61E-07	2.55E-07	4.39E-08	2.45E-07	1.38E-06
2330	494411.06	3860051.99	2.99E-03	3.06E-03	2.91E-03	1.03E-06	3.12E-06	1.81E-06	1.85E-06	1.68E-06	7.47E-07	7.29E-07	3.45E-08	8.34E-07	1.84E-07	2.51E-07	3.98E-07	6.86E-08	3.82E-07	2.15E-06
2331	494461.06	3860051.99	2.92E-03	2.99E-03	2.85E-03	1.01E-06	3.06E-06	1.77E-06	1.81E-06	1.64E-06	7.32E-07	7.14E-07	3.38E-08	8.17E-07	1.80E-07	2.46E-07	3.90E-07	6.72E-08	3.75E-07	2.11E-06
2332	494511.06	3860051.99	2.87E-03	2.94E-03	2.80E-03	9.93E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.18E-07	7.01E-07	3.32E-08	8.01E-07	1.77E-07	2.41E-07	3.83E-07	6.59E-08	3.68E-07	2.07E-06
2333	494561.06	3860051.99	2.86E-03	2.93E-03	2.79E-03	9.90E-07	2.99E-06	1.73E-06	1.77E-06	1.61E-06	7.16E-07	6.98E-07	3.31E-08	7.99E-07	1.76E-07	2.40E-07	3.81E-07	6.57E-08	3.66E-07	2.06E-06
2334	494611.06	3860051.99	2.82E-03	2.89E-03	2.75E-03	9.77E-07	2.95E-06	1.71E-06	1.75E-06	1.59E-06	7.07E-07	6.89E-07	3.26E-08	7.88E-07	1.74E-07	2.37E-07	3.77E-07	6.48E-08	3.62E-07	2.04E-06
2335	494661.06	3860051.99	2.78E-03	2.85E-03	2.71E-03	9.62E-07	2.91E-06	1.68E-06	1.72E-06	1.56E-06	6.96E-07	6.79E-07	3.21E-08	7.76E-07	1.71E-07	2.34E-07	3.71E-07	6.39E-08	3.56E-07	2.00E-06
2336	494711.06	3860051.99	2.70E-03	2.76E-03	2.63E-03	9.34E-07	2.82E-06	1.63E-06	1.67E-06	1.52E-06	6.75E-07	6.59E-07	3.12E-08	7.54E-07	1.66E-07	2.27E-07	3.60E-07	6.20E-08	3.46E-07	1.95E-06
2337	494761.06	3860051.99	2.66E-03	2.72E-03	2.60E-03	9.21E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.66E-07	6.50E-07	3.08E-08	7.43E-07	1.64E-07	2.24E-07	3.55E-07	6.11E-08	3.41E-07	1.92E-06
2338	494811.06	3860051.99	2.64E-03	2.70E-03	2.57E-03	9.14E-07	2.76E-06	1.60E-06	1.63E-06	1.48E-06	6.61E-07	6.44E-07	3.05E-08	7.37E-07	1.63E-07	2.22E-07	3.52E-07	6.06E-08	3.38E-07	1.90E-06
2339	494861.06	3860051.99	2.61E-03	2.68E-03	2.55E-03	9.05E-07	2.73E-06	1.58E-06	1.62E-06	1.47E-06	6.54E-07	6.38E-07	3.02E-08	7.30E-07	1.61E-07	2.20E-07	3.49E-07	6.00E-08	3.35E-07	1.88E-06
2340	494911.06	3860051.99	2.55E-03	2.61E-03	2.49E-03	8.83E-07	2.67E-06	1.54E-06	1.58E-06	1.43E-06	6.38E-07	6.23E-07	2.95E-08	7.12E-07	1.57E-07	2.14E-07	3.40E-07	5.86E-08	3.27E-07	1.84E-06
2341	494961.06	3860051.99	2.49E-03	2.55E-03	2.43E-03	8.61E-07	2.60E-06	1.50E-06	1.54E-06	1.40E-06	6.22E-07	6.07E-07	2.87E-08	6.94E-07	1.53E-07	2.09E-07	3.32E-07	5.71E-08	3.19E-07	1.79E-06
2342	495011.06	3860051.99	2.43E-03	2.49E-03	2.37E-03	8.42E-07	2.54E-06	1.47E-06	1.51E-06	1.37E-06	6.09E-07	5.94E-07	2.81E-08	6.79E-07	1.50E-07	2.05E-07	3.24E-07	5.59E-08	3.12E-07	1.75E-06
2343	495061.06	3860051.99	2.39E-03	2.44E-03	2.33E-03	8.27E-07	2.50E-06	1.44E-06	1.48E-06	1.34E-06	5.98E-07	5.83E-07	2.76E-08	6.67E-07	1.47E-07	2.01E-07	3.19E-07	5.48E-08	3.06E-07	1.72E-06
2344	495111.06	3860051.99	2.33E-03	2.39E-03	2.27E-03	8.07E-07	2.44E-06	1.41E-06	1.44E-06	1.31E-06	5.84E-07	5.69E-07	2.70E-08	6.51E-07	1.44E-07	1.96E-07	3.11E-07	5.36E-08	2.99E-07	1.68E-06
2345	495161.06	3860051.99	2.29E-03	2.35E-03	2.23E-03	7.93E-07	2.39E-06	1.39E-06	1.42E-06	1.29E-06	5.73E-07	5.59E-07	2.65E-08	6.40E-07	1.41E-07	1.93E-07	3.06E-07	5.26E-08	2.94E-07	1.65E-06
2346	495211.06	3860051.99	2.25E-03	2.30E-03	2.19E-03	7.78E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.62E-07	5.48E-07	2.60E-08	6.27E-07	1.38E-07	1.89E-07	3.00E-07	5.16E-08	2.88E-07	1.62E-06
2347	495261.06	3860051.99	2.21E-03	2.27E-03	2.16E-03	7.66E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.54E-07	5.40E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.08E-08	2.84E-07	1.60E-06
2348	495311.06	3860051.99	2.19E-03	2.24E-03	2.13E-03	7.57E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.47E-07	5.34E-07	2.53E-08	6.10E-07	1.35E-07	1.84E-07	2.92E-07	5.02E-08	2.80E-07	1.58E-06
2349	495361.06	3860051.99	2.15E-03	2.20E-03	2.10E-03	7.45E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.39E-07	5.25E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	4.94E-08	2.76E-07	1.55E-06
2350	495411.06	3860051.99	2.12E-03	2.17E-03	2.07E-03	7.33E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.30E-07	5.17E-07	2.45E-08	5.91E-07	1.30E-07	1.78E-07	2.83E-07	4.86E-08	2.71E-07	1.53E-06
2351	495461.06	3860051.99	2.08E-03	2.13E-03	2.03E-03	7.20E-07	2.17E-06	1.26E-06	1.29E-06	1.17E-06	5.21E-07	5.08E-07	2.40E-08	5.81E-07	1.28E-07	1.75E-07	2.77E-07	4.78E-08	2.66E-07	1.50E-06
2352	495511.06	3860051.99	2.05E-03	2.10E-03	2.00E-03	7.10E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.14E-07	5.01E-07	2.37E-08	5.73E-07	1.26E-07	1.73E-07	2.74E-07	4.71E-08	2.63E-07	1.48E-06
2353	495561.06	3860051.99	2.02E-03	2.07E-03	1.97E-03	6.99E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.05E-07	4.93E-07	2.33E-08	5.64E-07	1.24E-07	1.70E-07	2.69E-07	4.64E-08	2.59E-07	1.46E-06
2354	495611.06	3860051.99	1.98E-03	2.03E-03	1.93E-03	6.87E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	4.96E-07	4.84E-07	2.29E-08	5.54E-07	1.22E-07	1.67E-07	2.65E-07	4.56E-08	2.54E-07	1.43E-06
2355	495661.06	3860051.99	1.94E-03	1.99E-03	1.89E-03	6.72E-07	2.03E-06	1.17E-06	1.20E-06	1.09E-06	4.86E-07	4.74E-07	2.24E-08	5.42E-07	1.20E-07	1.63E-07	2.59E-07	4.46E-08	2.49E-07	1.40E-06
2356	494411.06	3860101.99	2.99E-03	3.06E-03	2.92E-03	1.04E-06	3.13E-06	1.81E-06	1.85E-06	1.68E-06	7.49E-07	7.30E-07	3.46E-08	8.36E-07	1.84E-07	2.52E-07	3.99E-07	6.87E-08	3.83E-07	2.16E-06
2357	494461.06	3860101.99	2.97E-03	3.04E-03	2.90E-03	1.03E-06	3.11E-06	1.80E-06	1.84E-06	1.67E-06	7.44E-07	7.26E-07	3.44E-08	8.30E-07	1.83E-07	2.50E-07	3.97E-07	6.83E-08	3.81E-07	2.14E-06
2358	494511.06	3860101.99	2.89E-03	2.96E-03	2.82E-03	1.00E-06	3.02E-06	1.75E-06	1.79E-06	1.62E-06	7.24E-07	7.06E-07	3.34E-08	8.08E-07	1.78E-07	2.43E-07	3.86E-07	6.65E-08	3.71E-07	2.09E-06
2359	494561.06	3860101.99	2.86E-03	2.93E-03	2.79E-03	9.90E-07	2.99E-06	1.73E-06	1.77E-06	1.61E-06	7.16E-07	6.98E-07	3.31E-08	7.99E-07	1.76E-07	2.41E-07	3.82E-07	6.57E-08	3.66E-07	2.06E-06
2360	494611.06	3860101.99	2.85E-03	2.92E-03	2.78E-03	9.86E-07	2.98E-06	1.72E-06	1.76E-06	1.60E-06	7.13E-07	6.95E-07	3.29E-08	7.95E-07	1.75E-07	2.39E-07	3.80E-07	6.54E-08	3.65E-07	2.05E-06
2361	494661.06	3860101.99	2.81E-03	2.88E-03	2.74E-03	9.73E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.03E-07	6.86E-07	3.25E-08	7.85E-07	1.73E-07	2.36E-07	3.75E-07	6.45E-08	3.60E-07	2.03E-06
2362	494711.06	3860101.99	2.74E-03	2.80E-03	2.67E-03	9.47E-07	2.86E-06	1.66E-06	1.70E-06	1.54E-06	6.85E-07	6.68E-07	3.16E-08	7.64E-07	1.69E-07	2.30E-07	3.65E-07	6.29E-08	3.51E-07	1.97E-06
2363	494761.06	3860101.99	2.70E-03	2.76E-03	2.63E-03	9.34E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.75E-07	6.58E-07	3.12E-08	7.53E-07	1.66E-07	2.27E-07	3.60E-07	6.19E-08	3.46E-07	1.94E-06
2364	494811.06	3860101.99	2.66E-03	2.72E-03	2.60E-03	9.21E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.66E-07	6.49E-07	3.08E-08	7.43E-07	1.64E-07	2.24E-07	3.55E-07	6.11E-08	3.41E-07	1.92E-06
2365	494861.06	3860101.99	2.67E-03	2.73E-03	2.60E-03	9.24E-07	2.79E-06	1.61E-06	1.65E-06	1.50E-06	6.68E-07	6.51E-07	3.09E-08	7.45E-07	1.64E-07	2.24E-07	3.56E-07	6.13E-08	3.42E-07	1.92E-06
2366	494911.06	3860101.99	2.56E-03	2.62E-03	2.49E-03	8.85E-07	2.67E-06	1.55E-06	1.58E-06	1.43E-06	6.40E-07	6.24E-07	2.95E-08	7.14E-07	1.57E-07	2.15E-07	3.41E-07	5.87E-08	3.27E-07	1.84E-06
2367	494961.06	3860101.99	2.52E-03	2.57E-03	2.45E-03	8.71E-07	2.63E-06	1.52E-06	1.56E-06	1.41E-06	6.30E-07	6.14E-07	2.91E-08	7.02E-07	1.55E-07	2.12E-07	3.36E-07	5.78E-08	3.22E-07	1.81E-06
2368	495011.06	3860101.99	2.46E-03	2.52E-03	2.40E-03	8.52E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.16E-07	6.01E-07	2.85E-08	6.87E-07	1.52E-07	2.07E-07	3.28E-07	5.65E-08	3.15E-07	1.77E-06
2369	495061.06	3860101.99	2.41E-03	2.47E-03	2.35E-03	8.35E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.04E-07	5.89E-07	2.79E-08	6.73E-07	1.49E-07	2.03E-07	3.22E-07	5.54E-08	3.09E-07	1.74E-06
2370	495111.06	3860101.99	2.35E-03	2.41E-03	2.30E-03	8.15E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	5.89E-07	5.75E-07	2.72E-08	6.57E-07	1.45E-07	1.98E-07	3.14E-07	5.41E-08	3.02E-07	1.70E-06
2371	495161.06	3860101.99	2.32E-03	2.38E-03	2.26E-03	8.04E-07	2.43E-06	1.40E-06	1.44E-06	1.30E-06	5.81E-07	5.67E-07	2.68E-08	6.48E-07	1.43E-07	1.95E-07	3.10E-07	5.33E-08	2.97E-07	1.67E-06
2372	495211.06	3860101.99	2.28E-03	2.34E-03	2.23E-03	7.90E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.71E-07	5.57E-07	2.64E-08	6.37E-07	1.41E-07	1.92E-07	3.04E-07	5.24E-08	2.92E-07	1.65E-06
2373	495261.06	3860101.99	2.24E-03	2.30E-03	2.19E-03	7.76E-07	2.34E-06	1.36E-06	1.39E-06	1.26E-06	5.61E-07	5.47E-07	2.59E-08	6.26E-07	1.38E-07	1.89E-07	2.99E-07	5.15E-08	2.87E-07	1.62E-06
2374	495311.06	3860101.99	2.21E-03	2.26E-03	2.15E-03	7.64E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.53E-07	5.39E-07	2.55E-08	6.17E-07	1.36E-07	1.86E-07	2.95E-07	5.07E-08	2.83E-07	1.59E-06
2375	495361.06	3860101.99	2.18E-03	2.23E-03	2.13E-03	7.55E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.46E-07	5.32E-07	2.52E-08	6.09E-07	1.34E-07	1.83E-07	2.91E-07	5.01E-08	2.79E-07	1.57E-06
2376	495411.06	3860101.99	2.14E-03	2.19E-03	2.09E-03	7.42E-07	2.24E-06	1.30E-06	1.33E-06	1.20E-06	5.37E-07	5.23E-07	2.48E-08	5.99E-07	1.32E-07	1.80E-07	2.86E-07	4.92E-08	2.75E-07	1.55E-06
2377	495461.06	3860101.99	2.10E-03	2.15E-03	2.04E-03	7.26E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.25E-07	5.12E-07	2.42E-08	5.85E-07	1.29E-07	1.76E-07	2.80E-07	4.82E-08	2.69E-07	1.51E-06
2378	495511.06	3860101.99	2.07E-03	2.12E-03	2.02E-03	7.17E-07	2.17E-06	1.25E-06	1.28E-06	1.16E-06	5.19E-07	5.06E-07	2.40E-08	5.79E-07	1.28E-07	1.74E-07	2.76E-07	4.76E-08	2.66E-07	1.49E-06
2379	495561.06	3860101.99	2.05E-03	2.10E-03	2.00E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.13E-07	5.00E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.70E-08	2.62E-07	1.48E-06
2380	495611.06	3860101.99	2.00E-03	2.05E-03	1.95E-03	6.94E-07	2.09E-06	1.21E-06	1.24E-06	1.13E-06	5.02E-07	4.89E-07	2.32E-08	5.60E-07	1.23E-07	1.69E-07	2.67E-07	4.60E-08	2.57E-07	1.44E-06
2381	495661.06	3860101.99	1.97E-03	2.02E-03	1.92E-03	6.83E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	4.94E-07	4.82E-07	2.28E-08	5.51E-07	1.22E-07	1.66E-07	2.63E-07	4.53E-08	2.53E-07	1.42E-06
2382	494861.06	3860151.99	2.71E-03	2.78E-03	2.64E-03	9.38E-07	2.83E-06	1.64E-06	1.68E-06	1.52E-06	6.79E-07	6.62E-07	3.13E-08	7.57E-07	1.67E-07	2.28E-07	3.62E-07	6.23E-08	3.47E-07	1.95E-06
2383	494911.06	3860151.99	2.59E-03	2.65E-03	2.53E-03	8.98E-07	2.71E-06	1.57E-06	1.61E-06	1.46E-06	6.49E-07	6.33E-07	3.00E-08	7.24E-07	1.60E-07	2.18E-07	3.46E-07	5.96E-08	3.32E-07	1.87E-06
2384	494961.06	3860151.99	2.54E-03	2.60E-03	2.48E-03	8.80E-07	2.66E-06	1.54E-06	1.57E-06	1.43E-06	6.36E-07	6.20E-07	2.94E-08	7.09E-07	1.57E-07	2.14E-07	3.39E-07	5.84E-08	3.26E-07	1.83E-06
2385	495011.06	3860151.99	2.49E-03	2.55E-03	2.43E-03	8.61E-07	2.60E-06	1.50E-06	1.54E-06	1.40E-06	6.22E-07	6.07E-07	2.87E-08	6.94E-07	1.53E-07	2.09E-07	3.32E-07	5.71E-08	3.19E-07	1.79E-06
2386	495061.06	3860151.99	2.43E-03	2.49E-03	2.37E-03	8.43E-07	2.54E-06	1.47E-06	1.51E-06	1.37E-06	6.09E-07	5.94E-07	2.81E-08	6.80E-07	1.50E-07	2.05E-07	3.25E-07	5.59E-08	3.12E-07	1.76E-06
2387	495111.06	3860151.99	2.39E-03	2.45E-03	2.33E-03	8.28E-07	2.50E-06	1.45E-06	1.48E-06	1.34E-06	5.98E-07	5.84E-07	2.76E-08	6.68E-07	1.47E-07	2.01E-07	3.19E-07	5.49E-08	3.06E-07	1.72E-06
2388	495161.06	3860151.99	2.35E-03	2.41E-03	2.29E-03	8.14E-07	2.46E-06	1.42E-06	1.46E-06	1.32E-06	5.89E-07	5.74E-07	2.72E-08	6.57E-07	1.45E-07	1.98E-07	3.14E-07	5.40E-08	3.01E-07	1.70E-06
2389	495211.06	3860151.99	2.31E-03	2.36E-03	2.25E-03	7.99E-07	2.41E-06	1.40E-06	1.43E-06	1.30E-06	5.78E-07	5.64E-07	2.67E-08	6.45E-07	1.42E-07	1.94E-07	3.08E-07	5.30E-08	2.96E-07	1.66E-06
2390	495261.06	3860151.99	2.27E-03	2.33E-03	2.22E-03	7.87E-07	2.38E-06	1.38E-06	1.41E-06	1.28E-06	5.69E-07	5.55E-07	2.63E-08	6.35E-07	1.40E-07	1.91E-07	3.03E-07	5.22E-08	2.91E-07	1.64E-06
2391	495311.06	3860151.99	2.24E-03	2.29E-03	2.18E-03	7.75E-07	2.34E-06	1.35E-06	1.39E-06	1.26E-06	5.60E-07	5.46E-07	2.59E-08	6.25E-07	1.38E-07	1.88E-07	2.99E-07	5.14E-08	2.87E-07	1.61E-06
2392	495361.06	3860151.99	2.21E-03	2.26E-03	2.15E-03	7.63E-07	2.30E-06	1.33E-06	1.37E-06	1.24E-06	5.52E-07	5.38E-07	2.55E-08	6.16E-07	1.36E-07	1.85E-07	2.94E-07	5.06E-08	2.82E-07	1.59E-06
2393	495411.06	3860151.99	2.17E-03	2.22E-03	2.11E-03	7.51E-07	2.27E-06	1.31E-06	1.34E-06	1.22E-06	5.43E-07	5.29E-07	2.51E-08	6.05E-07	1.34E-07	1.82E-07	2.89E-07	4.98E-08	2.78E-07	1.56E-06
2394	495461.06	3860151.99	2.13E-03	2.18E-03	2.08E-03	7.39E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.34E-07	5.21E-07	2.47E-08	5.96E-07	1.31E-07	1.79E-07	2.85E-07	4.90E-08	2.73E-07	1.54E-06
2395	495511.06	3860151.99	2.10E-03	2.14E-03	2.04E-03	7.25E-07	2.19E-06	1.27E-06	1.30E-06	1.18E-06	5.24E-07	5.11E-07	2.42E-08	5.85E-07	1.29E-07	1.76E-07	2.80E-07	4.81E-08	2.68E-07	1.51E-06
2396	495561.06	3860151.99	2.07E-03	2.11E-03	2.02E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.17E-07	5.04E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.76E-07	4.75E-08	2.65E-07	1.49E-06
2397	495611.06	3860151.99	2.03E-03	2.08E-03	1.98E-03	7.03E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.08E-07	4.96E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.66E-08	2.60E-07	1.46E-06
2398	495661.06	3860151.99	1.99E-03	2.04E-03	1.94E-03	6.90E-07	2.08E-06	1.21E-06	1.23E-06	1.12E-06	4.99E-07	4.86E-07	2.30E-08	5.56E-07	1.23E-07	1.68E-07	2.66E-07	4.58E-08	2.55E-07	1.44E-06
2399	495718.25	3859442.96	1.42E-03	1.45E-03	1.38E-03	4.91E-07	1.48E-06	8.58E-07	8.78E-07	7.96E-07	3.55E-07	3.46E-07	1.64E-08	3.96E-07	8.74E-08	1.19E-07	1.89E-07	3.26E-08	1.82E-07	1.02E-06
2400	495818.25	3859442.96	1.38E-03	1.41E-03	1.34E-03	4.77E-07	1.44E-06	8.33E-07	8.53E-07	7.73E-07	3.45E-07	3.36E-07	1.59E-08	3.84E-07	8.48E-08	1.16E-07	1.84E-07	3.16E-08	1.76E-07	9.93E-07
2401	495918.25	3859442.96	1.34E-03	1.38E-03	1.31E-03	4.66E-07	1.41E-06	8.14E-07	8.33E-07	7.55E-07	3.37E-07	3.28E-07	1.55E-08	3.76E-07	8.29E-08	1.13E-07	1.79E-07	3.09E-08	1.72E-07	9.70E-07
2402	496018.25	3859442.96	1.32E-03	1.35E-03	1.28E-03	4.56E-07	1.38E-06	7.97E-07	8.16E-07	7.39E-07	3.30E-07	3.21E-07	1.52E-08	3.68E-07	8.11E-08	1.11E-07	1.76E-07	3.02E-08	1.69E-07	9.49E-07
2403	496118.25	3859442.96	1.32E-03	1.35E-03	1.28E-03	4.55E-07	1.37E-06	7.96E-07	8.15E-07	7.39E-07	3.29E-07	3.21E-07	1.52E-08	3.67E-07	8.10E-08	1.11E-07	1.75E-07	3.02E-08	1.69E-07	9.48E-07
2404	496218.25	3859442.96	1.31E-03	1.34E-03	1.28E-03	4.54E-07	1.37E-06	7.93E-07	8.12E-07	7.36E-07	3.28E-07	3.20E-07	1.52E-08	3.66E-07	8.08E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.45E-07
2405	496318.25	3859442.96	1.29E-03	1.32E-03	1.25E-03	4.45E-07	1.34E-06	7.78E-07	7.97E-07	7.22E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.92E-08	1.08E-07	1.72E-07	2.95E-08	1.65E-07	9.27E-07
2406	496418.25	3859442.96	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.63E-07	7.81E-07	7.08E-07	3.15E-07	3.08E-07	1.46E-08	3.52E-07	7.77E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.09E-07
2407	495718.25	3859542.96	1.51E-03	1.54E-03	1.47E-03	5.22E-07	1.58E-06	9.12E-07	9.34E-07	8.46E-07	3.77E-07	3.68E-07	1.74E-08	4.21E-07	9.29E-08	1.27E-07	2.01E-07	3.46E-08	1.93E-07	1.09E-06
2408	495818.25	3859542.96	1.47E-03	1.51E-03	1.43E-03	5.09E-07	1.54E-06	8.90E-07	9.11E-07	8.26E-07	3.68E-07	3.59E-07	1.70E-08	4.11E-07	9.06E-08	1.24E-07	1.96E-07	3.38E-08	1.88E-07	1.06E-06
2409	495918.25	3859542.96	1.43E-03	1.46E-03	1.39E-03	4.94E-07	1.49E-06	8.64E-07	8.85E-07	8.02E-07	3.57E-07	3.49E-07	1.65E-08	3.99E-07	8.80E-08	1.20E-07	1.91E-07	3.28E-08	1.83E-07	1.03E-06
2410	496018.25	3859542.96	1.39E-03	1.43E-03	1.36E-03	4.82E-07	1.46E-06	8.43E-07	8.62E-07	7.82E-07	3.48E-07	3.40E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.20E-08	1.78E-07	1.00E-06
2411	496118.25	3859542.96	1.39E-03	1.42E-03	1.35E-03	4.81E-07	1.45E-06	8.41E-07	8.60E-07	7.80E-07	3.48E-07	3.39E-07	1.61E-08	3.88E-07	8.56E-08	1.17E-07	1.85E-07	3.19E-08	1.78E-07	1.00E-06
2412	496218.25	3859542.96	1.38E-03	1.41E-03	1.34E-03	4.77E-07	1.44E-06	8.33E-07	8.53E-07	7.73E-07	3.45E-07	3.36E-07	1.59E-08	3.85E-07	8.49E-08	1.16E-07	1.84E-07	3.16E-08	1.76E-07	9.93E-07
2413	496318.25	3859542.96	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.23E-07	8.43E-07	7.64E-07	3.41E-07	3.32E-07	1.57E-08	3.80E-07	8.38E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.81E-07
2414	496418.25	3859542.96	1.33E-03	1.36E-03	1.29E-03	4.59E-07	1.39E-06	8.02E-07	8.21E-07	7.44E-07	3.32E-07	3.24E-07	1.53E-08	3.70E-07	8.17E-08	1.11E-07	1.77E-07	3.05E-08	1.70E-07	9.56E-07
2415	495718.25	3859642.96	1.59E-03	1.62E-03	1.55E-03	5.50E-07	1.66E-06	9.60E-07	9.83E-07	8.91E-07	3.97E-07	3.87E-07	1.83E-08	4.43E-07	9.78E-08	1.33E-07	2.12E-07	3.65E-08	2.03E-07	1.14E-06
2416	495818.25	3859642.96	1.54E-03	1.58E-03	1.50E-03	5.33E-07	1.61E-06	9.32E-07	9.54E-07	8.65E-07	3.86E-07	3.76E-07	1.78E-08	4.30E-07	9.50E-08	1.30E-07	2.06E-07	3.54E-08	1.97E-07	1.11E-06
2417	495918.25	3859642.96	1.51E-03	1.54E-03	1.47E-03	5.22E-07	1.58E-06	9.12E-07	9.34E-07	8.46E-07	3.77E-07	3.68E-07	1.74E-08	4.21E-07	9.29E-08	1.27E-07	2.01E-07	3.46E-08	1.93E-07	1.09E-06

2418	496018.25	3859642.96	1.47E-03	1.50E-03	1.43E-03	5.08E-07	1.53E-06	8.88E-07	9.09E-07	8.24E-07	3.67E-07	3.58E-07	1.70E-08	4.10E-07	9.04E-08	1.23E-07	1.96E-07	3.37E-08	1.88E-07	1.06E-06
2419	496118.25	3859642.96	1.47E-03	1.50E-03	1.43E-03	5.08E-07	1.53E-06	8.88E-07	9.09E-07	8.24E-07	3.67E-07	3.58E-07	1.70E-08	4.10E-07	9.05E-08	1.23E-07	1.96E-07	3.37E-08	1.88E-07	1.06E-06
2420	496218.25	3859642.96	1.46E-03	1.49E-03	1.42E-03	5.05E-07	1.52E-06	8.83E-07	9.04E-07	8.19E-07	3.65E-07	3.56E-07	1.69E-08	4.07E-07	8.99E-08	1.23E-07	1.95E-07	3.35E-08	1.87E-07	1.05E-06
2421	496318.25	3859642.96	1.43E-03	1.46E-03	1.39E-03	4.93E-07	1.49E-06	8.62E-07	8.83E-07	8.00E-07	3.57E-07	3.48E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.27E-08	1.83E-07	1.03E-06
2422	496418.25	3859642.96	1.34E-03	1.37E-03	1.31E-03	4.64E-07	1.40E-06	8.12E-07	8.31E-07	7.53E-07	3.36E-07	3.27E-07	1.55E-08	3.75E-07	8.26E-08	1.13E-07	1.79E-07	3.08E-08	1.72E-07	9.67E-07
2423	495718.25	3859742.96	1.69E-03	1.72E-03	1.64E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.46E-07	4.22E-07	4.11E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.87E-08	2.16E-07	1.21E-06
2424	495818.25	3859742.96	1.63E-03	1.67E-03	1.59E-03	5.63E-07	1.70E-06	9.84E-07	1.01E-06	9.13E-07	4.07E-07	3.97E-07	1.88E-08	4.54E-07	1.00E-07	1.37E-07	2.17E-07	3.74E-08	2.08E-07	1.17E-06
2425	495918.25	3859742.96	1.58E-03	1.62E-03	1.54E-03	5.48E-07	1.65E-06	9.58E-07	9.80E-07	8.89E-07	3.96E-07	3.86E-07	1.83E-08	4.42E-07	9.75E-08	1.33E-07	2.11E-07	3.64E-08	2.03E-07	1.14E-06
2426	496018.25	3859742.96	1.54E-03	1.57E-03	1.50E-03	5.32E-07	1.61E-06	9.30E-07	9.52E-07	8.63E-07	3.85E-07	3.75E-07	1.78E-08	4.29E-07	9.47E-08	1.29E-07	2.05E-07	3.53E-08	1.97E-07	1.11E-06
2427	496118.25	3859742.96	1.53E-03	1.57E-03	1.49E-03	5.30E-07	1.60E-06	9.27E-07	9.49E-07	8.60E-07	3.83E-07	3.74E-07	1.77E-08	4.28E-07	9.44E-08	1.29E-07	2.04E-07	3.52E-08	1.96E-07	1.10E-06
2428	496218.25	3859742.96	1.53E-03	1.57E-03	1.50E-03	5.31E-07	1.60E-06	9.28E-07	9.50E-07	8.61E-07	3.84E-07	3.74E-07	1.77E-08	4.28E-07	9.45E-08	1.29E-07	2.05E-07	3.52E-08	1.97E-07	1.11E-06
2429	496318.25	3859742.96	1.45E-03	1.49E-03	1.42E-03	5.02E-07	1.52E-06	8.78E-07	8.99E-07	8.15E-07	3.63E-07	3.54E-07	1.68E-08	4.05E-07	8.94E-08	1.22E-07	1.94E-07	3.33E-08	1.86E-07	1.05E-06
2430	496418.25	3859742.96	1.37E-03	1.41E-03	1.34E-03	4.76E-07	1.44E-06	8.32E-07	8.52E-07	7.72E-07	3.44E-07	3.36E-07	1.59E-08	3.84E-07	8.47E-08	1.16E-07	1.83E-07	3.16E-08	1.76E-07	9.91E-07
2431	495718.25	3859842.96	1.77E-03	1.81E-03	1.72E-03	6.12E-07	1.85E-06	1.07E-06	1.10E-06	9.93E-07	4.43E-07	4.32E-07	2.04E-08	4.94E-07	1.09E-07	1.49E-07	2.36E-07	4.06E-08	2.27E-07	1.27E-06
2432	495818.25	3859842.96	1.72E-03	1.76E-03	1.67E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.63E-07	4.29E-07	4.19E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	3.94E-08	2.20E-07	1.24E-06
2433	495918.25	3859842.96	1.66E-03	1.70E-03	1.62E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.35E-07	4.17E-07	4.06E-07	1.92E-08	4.65E-07	1.03E-07	1.40E-07	2.22E-07	3.82E-08	2.13E-07	1.20E-06
2434	496018.25	3859842.96	1.63E-03	1.67E-03	1.59E-03	5.64E-07	1.70E-06	9.86E-07	1.01E-06	9.15E-07	4.08E-07	3.98E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.74E-08	2.09E-07	1.17E-06
2435	496118.25	3859842.96	1.63E-03	1.67E-03	1.59E-03	5.65E-07	1.71E-06	9.88E-07	1.01E-06	9.17E-07	4.09E-07	3.99E-07	1.89E-08	4.56E-07	1.01E-07	1.37E-07	2.18E-07	3.75E-08	2.09E-07	1.18E-06
2436	496218.25	3859842.96	1.55E-03	1.59E-03	1.51E-03	5.36E-07	1.62E-06	9.38E-07	9.60E-07	8.70E-07	3.88E-07	3.78E-07	1.79E-08	4.33E-07	9.55E-08	1.30E-07	2.07E-07	3.56E-08	1.99E-07	1.12E-06
2437	496318.25	3859842.96	1.41E-03	1.44E-03	1.38E-03	4.89E-07	1.48E-06	8.54E-07	8.74E-07	7.92E-07	3.53E-07	3.44E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
2438	496418.25	3859842.96	1.33E-03	1.36E-03	1.29E-03	4.60E-07	1.39E-06	8.03E-07	8.22E-07	7.45E-07	3.32E-07	3.24E-07	1.53E-08	3.71E-07	8.18E-08	1.12E-07	1.77E-07	3.05E-08	1.70E-07	9.57E-07
2439	495718.25	3859942.96	1.84E-03	1.88E-03	1.79E-03	6.37E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.60E-07	4.49E-07	2.13E-08	5.14E-07	1.13E-07	1.55E-07	2.45E-07	4.23E-08	2.36E-07	1.33E-06
2440	495818.25	3859942.96	1.78E-03	1.82E-03	1.74E-03	6.16E-07	1.86E-06	1.08E-06	1.10E-06	9.99E-07	4.46E-07	4.35E-07	2.06E-08	4.97E-07	1.10E-07	1.50E-07	2.37E-07	4.09E-08	2.28E-07	1.28E-06
2441	495918.25	3859942.96	1.74E-03	1.78E-03	1.69E-03	6.01E-07	1.81E-06	1.05E-06	1.08E-06	9.75E-07	4.34E-07	4.24E-07	2.01E-08	4.85E-07	1.07E-07	1.46E-07	2.32E-07	3.99E-08	2.22E-07	1.25E-06
2442	496018.25	3859942.96	1.72E-03	1.76E-03	1.68E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.68E-07	4.31E-07	4.21E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
2443	496118.25	3859942.96	1.65E-03	1.69E-03	1.61E-03	5.70E-07	1.72E-06	9.96E-07	1.02E-06	9.24E-07	4.12E-07	4.02E-07	1.90E-08	4.60E-07	1.01E-07	1.38E-07	2.20E-07	3.78E-08	2.11E-07	1.19E-06
2444	496218.25	3859942.96	1.54E-03	1.58E-03	1.50E-03	5.33E-07	1.61E-06	9.31E-07	9.53E-07	8.64E-07	3.85E-07	3.76E-07	1.78E-08	4.30E-07	9.48E-08	1.29E-07	2.05E-07	3.53E-08	1.97E-07	1.11E-06
2445	496318.25	3859942.96	1.44E-03	1.47E-03	1.40E-03	4.98E-07	1.50E-06	8.71E-07	8.91E-07	8.08E-07	3.60E-07	3.51E-07	1.66E-08	4.02E-07	8.87E-08	1.21E-07	1.92E-07	3.31E-08	1.84E-07	1.04E-06
2446	496418.25	3859942.96	1.32E-03	1.36E-03	1.29E-03	4.58E-07	1.38E-06	8.01E-07	8.20E-07	7.43E-07	3.31E-07	3.23E-07	1.53E-08	3.70E-07	8.16E-08	1.11E-07	1.77E-07	3.04E-08	1.70E-07	9.55E-07
2447	496856.82	3858864.83	8.37E-04	8.57E-04	8.16E-04	2.90E-07	8.75E-07	5.06E-07	5.18E-07	4.70E-07	2.09E-07	2.04E-07	9.67E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.92E-08	1.07E-07	6.03E-07
2448	496956.82	3858864.83	8.22E-04	8.41E-04	8.02E-04	2.84E-07	8.59E-07	4.97E-07	5.09E-07	4.61E-07	2.06E-07	2.01E-07	9.50E-09	2.29E-07	5.06E-08	6.91E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
2449	497056.82	3858864.83	8.08E-04	8.27E-04	7.88E-04	2.80E-07	8.44E-07	4.89E-07	5.00E-07	4.54E-07	2.02E-07	1.97E-07	9.34E-09	2.26E-07	4.98E-08	6.79E-08	1.08E-07	1.86E-08	1.03E-07	5.82E-07
2450	497156.82	3858864.83	7.91E-04	8.10E-04	7.72E-04	2.74E-07	8.27E-07	4.79E-07	4.90E-07	4.44E-07	1.98E-07	1.93E-07	9.15E-09	2.21E-07	4.88E-08	6.66E-08	1.06E-07	1.82E-08	1.01E-07	5.71E-07
2451	497256.82	3858864.83	7.84E-04	8.03E-04	7.65E-04	2.71E-07	8.20E-07	4.75E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.07E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
2452	496856.82	3858964.83	8.89E-04	9.10E-04	8.67E-04	3.08E-07	9.29E-07	5.38E-07	5.51E-07	4.99E-07	2.23E-07	2.17E-07	1.03E-08	2.48E-07	5.48E-08	7.48E-08	1.19E-07	2.04E-08	1.14E-07	6.41E-07
2453	496956.82	3858964.83	8.67E-04	8.88E-04	8.46E-04	3.00E-07	9.06E-07	5.25E-07	5.37E-07	4.87E-07	2.17E-07	2.12E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	1.99E-08	1.11E-07	6.25E-07
2454	497056.82	3858964.83	8.50E-04	8.70E-04	8.29E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.77E-07	2.13E-07	2.08E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	1.95E-08	1.09E-07	6.13E-07
2455	497156.82	3858964.83	8.33E-04	8.53E-04	8.12E-04	2.88E-07	8.71E-07	5.04E-07	5.16E-07	4.68E-07	2.08E-07	2.03E-07	9.63E-09	2.33E-07	5.13E-08	7.01E-08	1.11E-07	1.91E-08	1.07E-07	6.01E-07
2456	497256.82	3858964.83	8.35E-04	8.55E-04	8.14E-04	2.89E-07	8.73E-07	5.05E-07	5.17E-07	4.69E-07	2.09E-07	2.04E-07	9.65E-09	2.33E-07	5.14E-08	7.02E-08	1.11E-07	1.92E-08	1.07E-07	6.02E-07
2457	496856.82	3859064.83	9.31E-04	9.53E-04	9.08E-04	3.22E-07	9.73E-07	5.63E-07	5.77E-07	5.23E-07	2.33E-07	2.27E-07	1.08E-08	2.60E-07	5.74E-08	7.83E-08	1.24E-07	2.14E-08	1.19E-07	6.71E-07
2458	496956.82	3859064.83	9.11E-04	9.33E-04	8.88E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.11E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.22E-07	2.09E-08	1.17E-07	6.57E-07
2459	497056.82	3859064.83	8.94E-04	9.15E-04	8.72E-04	3.09E-07	9.34E-07	5.41E-07	5.54E-07	5.02E-07	2.24E-07	2.18E-07	1.03E-08	2.50E-07	5.51E-08	7.52E-08	1.19E-07	2.05E-08	1.15E-07	6.44E-07
2460	497156.82	3859064.83	8.78E-04	8.99E-04	8.57E-04	3.04E-07	9.18E-07	5.31E-07	5.44E-07	4.93E-07	2.20E-07	2.14E-07	1.02E-08	2.45E-07	5.41E-08	7.39E-08	1.17E-07	2.02E-08	1.13E-07	6.33E-07
2461	497256.82	3859064.83	8.86E-04	9.07E-04	8.64E-04	3.07E-07	9.26E-07	5.36E-07	5.49E-07	4.98E-07	2.22E-07	2.16E-07	1.02E-08	2.47E-07	5.46E-08	7.45E-08	1.18E-07	2.04E-08	1.14E-07	6.39E-07
2462	496856.82	3859164.83	9.65E-04	9.87E-04	9.41E-04	3.34E-07	1.01E-06	5.84E-07	5.97E-07	5.42E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.22E-08	1.24E-07	6.95E-07
2463	496956.82	3859164.83	9.42E-04	9.64E-04	9.18E-04	3.26E-07	9.84E-07	5.70E-07	5.83E-07	5.29E-07	2.36E-07	2.30E-07	1.09E-08	2.63E-07	5.80E-08	7.92E-08	1.26E-07	2.16E-08	1.21E-07	6.79E-07
2464	497056.82	3859164.83	9.29E-04	9.51E-04	9.06E-04	3.21E-07	9.71E-07	5.62E-07	5.75E-07	5.21E-07	2.32E-07	2.27E-07	1.07E-08	2.59E-07	5.72E-08	7.81E-08	1.24E-07	2.13E-08	1.19E-07	6.70E-07
2465	497156.82	3859164.83	9.27E-04	9.49E-04	9.04E-04	3.21E-07	9.69E-07	5.61E-07	5.74E-07	5.20E-07	2.32E-07	2.26E-07	1.07E-08	2.59E-07	5.71E-08	7.79E-08	1.24E-07	2.13E-08	1.19E-07	6.68E-07
2466	497256.82	3859164.83	9.39E-04	9.61E-04	9.16E-04	3.25E-07	9.82E-07	5.68E-07	5.82E-07	5.27E-07	2.35E-07	2.29E-07	1.09E-08	2.62E-07	5.79E-08	7.90E-08	1.25E-07	2.16E-08	1.20E-07	6.77E-07
2467	496856.82	3859264.83	9.90E-04	1.01E-03	9.66E-04	3.43E-07	1.04E-06	5.99E-07	6.13E-07	5.56E-07	2.48E-07	2.42E-07	1.14E-08	2.77E-07	6.10E-08	8.33E-08	1.32E-07	2.27E-08	1.27E-07	7.14E-07
2468	496956.82	3859264.83	9.80E-04	1.00E-03	9.56E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
2469	497056.82	3859264.83	9.79E-04	1.00E-03	9.55E-04	3.39E-07	1.02E-06	5.93E-07	6.06E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.31E-07	2.25E-08	1.25E-07	7.06E-07
2470	497156.82	3859264.83	9.77E-04	1.00E-03	9.52E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.48E-07	2.44E-07	2.38E-07	1.13E-08	2.73E-07	6.02E-08	8.21E-08	1.30E-07	2.24E-08	1.25E-07	7.04E-07
2471	497256.82	3859264.83	9.85E-04	1.01E-03	9.61E-04	3.41E-07	1.03E-06	5.96E-07	6.10E-07	5.53E-07	2.47E-07	2.40E-07	1.14E-08	2.75E-07	6.07E-08	8.28E-08	1.31E-07	2.26E-08	1.26E-07	7.10E-07
2472	497088.92	3858620.93	6.94E-04	7.10E-04	6.76E-04	2.40E-07	7.25E-07	4.20E-07	4.30E-07	3.89E-07	1.74E-07	1.69E-07	8.02E-09	1.94E-07	4.27E-08	5.83E-08	9.25E-08	1.59E-08	8.89E-08	5.00E-07
2473	497138.92	3858620.93	6.92E-04	7.08E-04	6.75E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.73E-07	1.69E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.23E-08	1.59E-08	8.87E-08	4.99E-07
2474	497188.92	3858620.93	6.89E-04	7.06E-04	6.72E-04	2.39E-07	7.21E-07	4.17E-07	4.27E-07	3.87E-07	1.73E-07	1.68E-07	7.97E-09	1.92E-07	4.25E-08	5.80E-08	9.20E-08	1.58E-08	8.83E-08	4.97E-07
2475	497238.92	3858620.93	6.86E-04	7.02E-04	6.69E-04	2.37E-07	7.17E-07	4.15E-07	4.25E-07	3.85E-07	1.72E-07	1.67E-07	7.93E-09	1.91E-07	4.22E-08	5.77E-08	9.15E-08	1.57E-08	8.78E-08	4.94E-07
2476	497088.92	3858670.93	7.10E-04	7.27E-04	6.92E-04	2.46E-07	7.42E-07	4.29E-07	4.40E-07	3.99E-07	1.78E-07	1.73E-07	8.20E-09	1.98E-07	4.37E-08	5.97E-08	9.47E-08	1.63E-08	9.09E-08	5.12E-07
2477	497138.92	3858670.93	7.11E-04	7.28E-04	6.94E-04	2.46E-07	7.43E-07	4.30E-07	4.41E-07	3.99E-07	1.78E-07	1.74E-07	8.22E-09	1.99E-07	4.38E-08	5.98E-08	9.49E-08	1.63E-08	9.11E-08	5.13E-07
2478	497188.92	3858670.93	7.05E-04	7.22E-04	6.88E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.77E-07	1.72E-07	8.15E-09	1.97E-07	4.35E-08	5.93E-08	9.41E-08	1.62E-08	9.04E-08	5.08E-07
2479	497238.92	3858670.93	7.03E-04	7.20E-04	6.86E-04	2.43E-07	7.35E-07	4.26E-07	4.36E-07	3.95E-07	1.76E-07	1.72E-07	8.13E-09	1.96E-07	4.33E-08	5.91E-08	9.38E-08	1.62E-08	9.01E-08	5.07E-07
2480	497088.92	3858720.93	7.37E-04	7.54E-04	7.18E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.14E-07	1.84E-07	1.80E-07	8.52E-09	2.06E-07	4.54E-08	6.19E-08	9.83E-08	1.69E-08	9.44E-08	5.31E-07
2481	497138.92	3858720.93	7.21E-04	7.38E-04	7.03E-04	2.50E-07	7.54E-07	4.36E-07	4.47E-07	4.05E-07	1.80E-07	1.76E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.62E-08	1.66E-08	9.24E-08	5.20E-07
2482	497188.92	3858720.93	7.17E-04	7.34E-04	6.99E-04	2.48E-07	7.49E-07	4.34E-07	4.44E-07	4.02E-07	1.79E-07	1.75E-07	8.29E-09	2.00E-07	4.42E-08	6.03E-08	9.56E-08	1.65E-08	9.18E-08	5.17E-07
2483	497238.92	3858720.93	7.23E-04	7.40E-04	7.05E-04	2.50E-07	7.56E-07	4.37E-07	4.48E-07	4.06E-07	1.81E-07	1.76E-07	8.36E-09	2.02E-07	4.45E-08	6.08E-08	9.64E-08	1.66E-08	9.26E-08	5.21E-07
2484	497088.92	3858770.93	7.54E-04	7.72E-04	7.36E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
2485	497138.92	3858770.93	7.47E-04	7.64E-04	7.28E-04	2.58E-07	7.80E-07	4.52E-07	4.62E-07	4.19E-07	1.87E-07	1.82E-07	8.63E-09	2.08E-07	4.60E-08	6.28E-08	9.96E-08	1.71E-08	9.56E-08	5.38E-07
2486	497188.92	3858770.93	7.39E-04	7.56E-04	7.20E-04	2.56E-07	7.72E-07	4.47E-07	4.57E-07	4.15E-07	1.85E-07	1.80E-07	8.54E-09	2.06E-07	4.55E-08	6.21E-08	9.85E-08	1.70E-08	9.46E-08	5.33E-07
2487	497238.92	3858770.93	7.43E-04	7.61E-04	7.25E-04	2.57E-07	7.77E-07	4.50E-07	4.60E-07	4.17E-07	1.86E-07	1.81E-07	8.59E-09	2.08E-07	4.58E-08	6.25E-08	9.91E-08	1.71E-08	9.52E-08	5.36E-07
2488	497396.65	3858622.63	7.07E-04	7.23E-04	6.89E-04	2.45E-07	7.38E-07	4.28E-07	4.38E-07	3.97E-07	1.77E-07	1.72E-07	8.17E-09	1.97E-07	4.35E-08	5.94E-08	9.43E-08	1.62E-08	9.05E-08	5.09E-07
2489	497496.65	3858622.63	7.18E-04	7.35E-04	7.00E-04	2.48E-07	7.50E-07	4.34E-07	4.45E-07	4.03E-07	1.80E-07	1.75E-07	8.30E-09	2.00E-07	4.42E-08	6.04E-08	9.57E-08	1.65E-08	9.19E-08	5.17E-07
2490	497596.65	3858622.63	7.39E-04	7.56E-04	7.21E-04	2.56E-07	7.72E-07	4.47E-07	4.58E-07	4.15E-07	1.85E-07	1.80E-07	8.54E-09	2.06E-07	4.55E-08	6.21E-08	9.86E-08	1.70E-08	9.47E-08	5.33E-07
2491	497696.65	3858622.63	7.47E-04	7.64E-04	7.28E-04	2.58E-07	7.80E-07	4.52E-07	4.62E-07	4.19E-07	1.87E-07	1.82E-07	8.63E-09	2.08E-07	4.60E-08	6.28E-08	9.96E-08	1.71E-08	9.56E-08	5.38E-07
2492	497796.65	3858622.63	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.69E-08	6.40E-08	1.01E-07	1.75E-08	9.75E-08	5.49E-07
2493	497896.65	3858622.63	7.76E-04	7.94E-04	7.56E-04	2.68E-07	8.11E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
2494	497396.65	3858722.63	7.48E-04	7.66E-04	7.29E-04	2.59E-07	7.82E-07	4.53E-07	4.63E-07	4.20E-07	1.87E-07	1.83E-07	8.65E-09	2.09E-07	4.61E-08	6.29E-08	9.98E-08	1.72E-08	9.58E-08	5.39E-07
2495	497496.65	3858722.63	7.59E-04	7.77E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.68E-08	6.38E-08	1.01E-07	1.74E-08	9.72E-08	5.47E-07
2496	497596.65	3858722.63	7.81E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.38E-07	1.95E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
2497	497696.65	3858722.63	7.92E-04	8.11E-04	7.73E-04	2.74E-07	8.28E-07	4.79E-07	4.91E-07	4.45E-07	1.98E-07	1.93E-07	9.16E-09	2.21E-07	4.88E-08	6.66E-08	1.06E-07	1.82E-08	1.01E-07	5.71E-07
2498	497796.65	3858722.63	7.97E-04	8.16E-04	7.78E-04	2.76E-07	8.33E-07	4.83E-07	4.94E-07	4.48E-07	2.00E-07	1.95E-07	9.22E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
2499	497896.65	3858722.63	8.07E-04	8.26E-04	7.87E-04	2.79E-07	8.44E-07	4.88E-07	5.00E-07	4.53E-07	2.02E-07	1.97E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.85E-08	1.03E-07	5.82E-07
2500	497396.65	3858822.63	7.84E-04	8.03E-04	7.65E-04	2.71E-07	8.20E-07	4.75E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.07E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
2501	497496.65	3858822.63	7.93E-04	8.12E-04	7.73E-04	2.74E-07	8.29E-07	4.80E-07	4.91E-07	4.45E-07	1.98E-07	1.94E-07	9.17E-09	2.21E-07	4.89E-08	6.67E-08	1.06E-07	1.82E-08	1.02E-07	5.72E-07
2502	497596.65	3858822.63	8.16E-04	8.35E-04	7.96E-04	2.83E-07	8.53E-07	4.94E-07	5.05E-07	4.58E-07	2.04E-07	1.99E-07	9.43E-09	2.28E-07	5.03E-08	6.86E-08	1.09E-07	1.87E-08	1.05E-07	5.88E-07
2503	497696.65	3858822.63	8.27E-04	8.46E-04	8.06E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.07E-07	2.02E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.90E-08	1.06E-07	5.96E-07
2504	497796.65	3858822.63	8.29E-04	8.49E-04	8.09E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.08E-07	2.02E-07	9.59E-09	2.32E-07	5.11E-08	6.97E-08	1.11E-07	1.90E-08	1.06E-07	5.98E-07
2505	497896.65	3858822.63	8.50E-04	8.70E-04	8.29E-04	2.94E-07	8.88E-07	5.14E-07	5.26E-07	4.77E-07	2.13E-07	2.07E-07	9.82E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	1.95E-08	1.09E-07	6.13E-07
2506	497396.65	3858922.63	8.23E-04	8.43E-04	8.03E-04	2.85E-07	8.60E-07	4.98E-07	5.10E-07	4.62E-07	2.06E-07	2.01E-07	9.51E-09	2.30E-07	5.07E-08	6.92E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
2507	497496.65	3858922.63	8.45E-04	8.65E-04	8.24E-04	2.92E-07	8.83E-07	5.11E-07	5.23E-07	4.74E-07	2.11E-07	2.06E-07	9.76E-09	2.36E-07	5.20E-08	7.10E-08	1.13E-07	1.94E-08	1.08E-07	6.09E-07
2508	497596.65	3858922.63	8.40E-04	8.60E-04	8.20E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.10E-07	2.05E-07	9.71E-09	2.35E-07	5.18E-08	7.07E-08	1.12E-07	1.93E-08	1.08E-07	6.06E-07
2509	497696.65	3858922.63	8.64E-04	8.85E-04	8.43E-04	2.99E-07	9.03E-07	5.23E-07	5.35E-07	4.85E-07	2.16E-07	2.11E-07	9.99E-09	2.41E-07	5.32E-08	7.27E-08	1.15E-07	1.98E-08	1.11E-07	6.23E-07
2510	497796.65	3858922.63	8.80E-04	9.01E-04	8.58E-04	3.05E-07	9.20E-07	5.33E-07	5.45E-07	4.94E-07	2.20E-07	2.15E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.02E-08	1.13E-07	6.35E-07
2511	497896.65	3858922.63	9.03E-04	9.24E-04	8.80E-04	3.13E-07	9.44E-07	5.46E-07	5.59E-07	5.07E-07	2.26E-07	2.20E-07	1.04E-08	2.52E-07	5.56E-08	7.59E-08	1.20E-07	2.07E-08	1.16E-07	6.51E-07
2512	497364.44	3858201.52	5.86E-04	5.99E-04	5.71E-04	2.03E-07	6.12E-07	3.54E-07	3.63E-07	3.29E-07	1.47E-07	1.43E-07	6.77E-09	1.63E-07	3.61E-08	4.92E-08	7.81E-08	1.34E-08	7.50E-08	4.22E-07
2513	497414.44	3858201.52	5.90E-04	6.04E-04	5.76E-04	2.04E-07	6.17E-07	3.57E-07	3.66E-07	3.31E-07	1.48E-07	1.44E-07	6.82E-09	1.65E-07	3.64E-08	4.96E-08	7.87E-08	1.36E-08	7.56E-08	4.26E-07
2514	497464.44	3858201.52	5.95E-04	6.10E-04	5.81E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.49E-07	1.45E-07	6.88E-09	1.66E-07	3.67E-08	5.01E-08	7.94E-08	1.37E-08	7.63E-08	4.29E-07
2515	497514.44	3858201.52	5.99E-04	6.14E-04	5.85E-04	2.08E-07	6.27E-07	3.63E-07	3.71E-07	3.37E-07	1.50E-07	1.46E-07	6.93E-09	1.67E-07	3.69E-08	5.04E-08	8.00E-08	1.38E-08	7.68E-08	4.32E-07
2516	497564.44	3858201.52	5.98E-04	6.12E-04	5.83E-04	2.07E-07	6.25E-07	3.62E-07	3.71E-07	3.36E-07	1.50E-07	1.46E-07	6.91E-09	1.67E-07	3.69E-08	5.03E-08	7.98E-08	1.37E-08	7.66E-08	4.31E-07
2517	497614.44	3858201.52	6.00E-04	6.14E-04	5.85E-04	2.08E-07	6.27E-07	3.63E-07	3.71E-07	3.37E-07	1.50E-07	1.46E-07	6.93E-09	1.67E-07	3.69E-08	5.04E-08	8.00E-08	1.38E-08	7.68E-08	4.32E-07
2518	497364.44	3858251.52	6.04E-04	6.18E-04	5.89E-04	2.09E-07	6.31E-07	3.65E-07	3.74E-07	3.39E-07	1.51E-07	1.47E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.39E-08	7.74E-08	4.35E-07

2519	497414.44	3858251.52	6.12E-04	6.26E-04	5.97E-04	2.12E-07	6.40E-07	3.70E-07	3.79E-07	3.44E-07	1.53E-07	1.49E-07	7.07E-09	1.71E-07	3.77E-08	5.15E-08	8.16E-08	1.41E-08	7.84E-08	4.41E-07
2520	497464.44	3858251.52	6.08E-04	6.23E-04	5.93E-04	2.11E-07	6.36E-07	3.68E-07	3.77E-07	3.41E-07	1.52E-07	1.48E-07	7.03E-09	1.70E-07	3.75E-08	5.11E-08	8.11E-08	1.40E-08	7.79E-08	4.38E-07
2521	497514.44	3858251.52	6.03E-04	6.18E-04	5.89E-04	2.09E-07	6.31E-07	3.65E-07	3.74E-07	3.39E-07	1.51E-07	1.47E-07	6.98E-09	1.68E-07	3.72E-08	5.07E-08	8.05E-08	1.39E-08	7.73E-08	4.35E-07
2522	497564.44	3858251.52	6.02E-04	6.17E-04	5.88E-04	2.09E-07	6.30E-07	3.65E-07	3.73E-07	3.38E-07	1.51E-07	1.47E-07	6.96E-09	1.68E-07	3.71E-08	5.07E-08	8.04E-08	1.38E-08	7.72E-08	4.34E-07
2523	497614.44	3858251.52	6.01E-04	6.16E-04	5.87E-04	2.08E-07	6.29E-07	3.64E-07	3.73E-07	3.38E-07	1.51E-07	1.47E-07	6.95E-09	1.68E-07	3.71E-08	5.06E-08	8.02E-08	1.38E-08	7.70E-08	4.34E-07
2524	497364.44	3858301.52	6.15E-04	6.30E-04	6.00E-04	2.13E-07	6.43E-07	3.72E-07	3.81E-07	3.46E-07	1.54E-07	1.50E-07	7.11E-09	1.72E-07	3.79E-08	5.17E-08	8.21E-08	1.41E-08	7.88E-08	4.44E-07
2525	497414.44	3858301.52	6.21E-04	6.36E-04	6.06E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.55E-07	1.52E-07	7.18E-09	1.73E-07	3.83E-08	5.22E-08	8.28E-08	1.43E-08	7.95E-08	4.48E-07
2526	497464.44	3858301.52	6.16E-04	6.30E-04	6.00E-04	2.13E-07	6.43E-07	3.73E-07	3.81E-07	3.46E-07	1.54E-07	1.50E-07	7.12E-09	1.72E-07	3.79E-08	5.18E-08	8.21E-08	1.41E-08	7.89E-08	4.44E-07
2527	497514.44	3858301.52	6.12E-04	6.27E-04	5.97E-04	2.12E-07	6.40E-07	3.71E-07	3.79E-07	3.44E-07	1.53E-07	1.49E-07	7.08E-09	1.71E-07	3.77E-08	5.15E-08	8.17E-08	1.41E-08	7.85E-08	4.42E-07
2528	497564.44	3858301.52	6.07E-04	6.22E-04	5.92E-04	2.10E-07	6.35E-07	3.67E-07	3.76E-07	3.41E-07	1.52E-07	1.48E-07	7.02E-09	1.70E-07	3.74E-08	5.11E-08	8.10E-08	1.39E-08	7.78E-08	4.38E-07
2529	497614.44	3858301.52	6.06E-04	6.20E-04	5.91E-04	2.10E-07	6.33E-07	3.66E-07	3.75E-07	3.40E-07	1.52E-07	1.48E-07	7.00E-09	1.69E-07	3.73E-08	5.09E-08	8.08E-08	1.39E-08	7.76E-08	4.37E-07
2530	497364.44	3858351.52	6.30E-04	6.44E-04	6.14E-04	2.18E-07	6.58E-07	3.81E-07	3.90E-07	3.53E-07	1.58E-07	1.54E-07	7.28E-09	1.76E-07	3.88E-08	5.29E-08	8.40E-08	1.45E-08	8.07E-08	4.54E-07
2531	497414.44	3858351.52	6.26E-04	6.41E-04	6.11E-04	2.17E-07	6.55E-07	3.79E-07	3.88E-07	3.52E-07	1.57E-07	1.53E-07	7.24E-09	1.75E-07	3.86E-08	5.27E-08	8.36E-08	1.44E-08	8.02E-08	4.52E-07
2532	497464.44	3858351.52	6.25E-04	6.40E-04	6.10E-04	2.16E-07	6.54E-07	3.78E-07	3.87E-07	3.51E-07	1.57E-07	1.53E-07	7.23E-09	1.75E-07	3.85E-08	5.26E-08	8.34E-08	1.44E-08	8.01E-08	4.51E-07
2533	497514.44	3858351.52	6.23E-04	6.37E-04	6.07E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.56E-07	1.52E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.43E-08	7.98E-08	4.49E-07
2534	497564.44	3858351.52	6.16E-04	6.30E-04	6.00E-04	2.13E-07	6.43E-07	3.73E-07	3.81E-07	3.46E-07	1.54E-07	1.50E-07	7.12E-09	1.72E-07	3.79E-08	5.18E-08	8.21E-08	1.41E-08	7.89E-08	4.44E-07
2535	497614.44	3858351.52	6.14E-04	6.29E-04	5.99E-04	2.13E-07	6.42E-07	3.72E-07	3.81E-07	3.45E-07	1.54E-07	1.50E-07	7.10E-09	1.72E-07	3.79E-08	5.17E-08	8.20E-08	1.41E-08	7.87E-08	4.43E-07
2536	497364.44	3858401.52	6.33E-04	6.48E-04	6.18E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.59E-07	1.55E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.45E-08	8.11E-08	4.57E-07
2537	497414.44	3858401.52	6.35E-04	6.50E-04	6.19E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.56E-07	1.59E-07	1.55E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.46E-08	8.13E-08	4.57E-07
2538	497464.44	3858401.52	6.31E-04	6.46E-04	6.15E-04	2.18E-07	6.59E-07	3.82E-07	3.91E-07	3.54E-07	1.58E-07	1.54E-07	7.29E-09	1.76E-07	3.89E-08	5.30E-08	8.42E-08	1.45E-08	8.08E-08	4.55E-07
2539	497514.44	3858401.52	6.29E-04	6.44E-04	6.13E-04	2.18E-07	6.57E-07	3.80E-07	3.89E-07	3.53E-07	1.57E-07	1.53E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.44E-08	8.06E-08	4.53E-07
2540	497564.44	3858401.52	6.35E-04	6.50E-04	6.19E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.56E-07	1.59E-07	1.55E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.46E-08	8.13E-08	4.57E-07
2541	497614.44	3858401.52	6.38E-04	6.53E-04	6.23E-04	2.21E-07	6.67E-07	3.86E-07	3.95E-07	3.58E-07	1.60E-07	1.56E-07	7.38E-09	1.78E-07	3.93E-08	5.37E-08	8.51E-08	1.47E-08	8.18E-08	4.60E-07
2542	493478.11	3860497.94	4.58E-03	4.69E-03	4.47E-03	1.59E-06	4.79E-06	2.77E-06	2.84E-06	2.57E-06	1.15E-06	1.12E-06	5.30E-08	1.28E-06	2.82E-07	3.85E-07	6.11E-07	1.05E-07	5.87E-07	3.30E-06
2543	493528.11	3860497.94	4.46E-03	4.56E-03	4.35E-03	1.54E-06	4.66E-06	2.70E-06	2.76E-06	2.50E-06	1.12E-06	1.09E-06	5.16E-08	1.25E-06	2.75E-07	3.75E-07	5.95E-07	1.02E-07	5.71E-07	3.22E-06
2544	493478.11	3860547.94	4.42E-03	4.53E-03	4.31E-03	1.53E-06	4.62E-06	2.67E-06	2.74E-06	2.48E-06	1.11E-06	1.08E-06	5.11E-08	1.23E-06	2.72E-07	3.72E-07	5.90E-07	1.02E-07	5.66E-07	3.19E-06
2545	493528.11	3860547.94	4.31E-03	4.41E-03	4.20E-03	1.49E-06	4.50E-06	2.61E-06	2.67E-06	2.42E-06	1.08E-06	1.05E-06	4.98E-08	1.20E-06	2.65E-07	3.62E-07	5.75E-07	9.89E-08	5.52E-07	3.10E-06
2546	493478.11	3860597.94	4.24E-03	4.34E-03	4.14E-03	1.47E-06	4.43E-06	2.57E-06	2.63E-06	2.38E-06	1.06E-06	1.04E-06	4.90E-08	1.18E-06	2.61E-07	3.57E-07	5.66E-07	9.74E-08	5.43E-07	3.06E-06
2547	493528.11	3860597.94	4.13E-03	4.23E-03	4.03E-03	1.43E-06	4.32E-06	2.50E-06	2.56E-06	2.32E-06	1.03E-06	1.01E-06	4.78E-08	1.15E-06	2.55E-07	3.48E-07	5.51E-07	9.49E-08	5.30E-07	2.98E-06
2548	493561.88	3860524.64	4.30E-03	4.40E-03	4.20E-03	1.49E-06	4.50E-06	2.60E-06	2.67E-06	2.42E-06	1.08E-06	1.05E-06	4.97E-08	1.20E-06	2.65E-07	3.62E-07	5.74E-07	9.88E-08	5.51E-07	3.10E-06
2549	493591.88	3860524.64	4.24E-03	4.34E-03	4.13E-03	1.47E-06	4.43E-06	2.56E-06	2.62E-06	2.38E-06	1.06E-06	1.03E-06	4.90E-08	1.18E-06	2.61E-07	3.56E-07	5.65E-07	9.73E-08	5.43E-07	3.05E-06
2550	493561.88	3860554.64	4.21E-03	4.31E-03	4.11E-03	1.46E-06	4.40E-06	2.55E-06	2.61E-06	2.36E-06	1.05E-06	1.03E-06	4.87E-08	1.18E-06	2.59E-07	3.54E-07	5.62E-07	9.67E-08	5.39E-07	3.04E-06
2551	493591.88	3860554.64	4.15E-03	4.25E-03	4.04E-03	1.44E-06	4.33E-06	2.51E-06	2.57E-06	2.33E-06	1.04E-06	1.01E-06	4.79E-08	1.16E-06	2.56E-07	3.49E-07	5.53E-07	9.53E-08	5.31E-07	2.99E-06
2552	492880.5	3860293.11	7.61E-03	7.79E-03	7.43E-03	2.64E-06	7.96E-06	4.61E-06	4.72E-06	4.27E-06	1.91E-06	1.86E-06	8.80E-08	2.13E-06	4.69E-07	6.40E-07	1.02E-06	1.75E-07	9.75E-07	5.49E-06
2553	492930.5	3860293.11	7.29E-03	7.46E-03	7.11E-03	2.52E-06	7.61E-06	4.41E-06	4.51E-06	4.09E-06	1.82E-06	1.78E-06	8.42E-08	2.03E-06	4.49E-07	6.13E-07	9.72E-07	1.67E-07	9.33E-07	5.25E-06
2554	492980.5	3860293.11	6.97E-03	7.14E-03	6.80E-03	2.41E-06	7.29E-06	4.22E-06	4.32E-06	3.91E-06	1.74E-06	1.70E-06	8.06E-08	1.95E-06	4.30E-07	5.86E-07	9.30E-07	1.60E-07	8.93E-07	5.03E-06
2555	493030.5	3860293.11	6.55E-03	6.71E-03	6.39E-03	2.27E-06	6.85E-06	3.97E-06	4.06E-06	3.68E-06	1.64E-06	1.60E-06	7.58E-08	1.83E-06	4.04E-07	5.51E-07	8.74E-07	1.51E-07	8.40E-07	4.73E-06
2556	493080.5	3860293.11	6.07E-03	6.21E-03	5.92E-03	2.10E-06	6.34E-06	3.67E-06	3.76E-06	3.41E-06	1.52E-06	1.48E-06	7.02E-08	1.69E-06	3.74E-07	5.10E-07	8.10E-07	1.39E-07	7.77E-07	4.38E-06
2557	493130.5	3860293.11	6.05E-03	6.20E-03	5.90E-03	2.10E-06	6.33E-06	3.66E-06	3.75E-06	3.40E-06	1.52E-06	1.48E-06	7.00E-08	1.69E-06	3.73E-07	5.09E-07	8.08E-07	1.39E-07	7.76E-07	4.36E-06
2558	493180.5	3860293.11	5.96E-03	6.10E-03	5.82E-03	2.06E-06	6.23E-06	3.61E-06	3.69E-06	3.35E-06	1.49E-06	1.46E-06	6.89E-08	1.67E-06	3.67E-07	5.01E-07	7.96E-07	1.37E-07	7.64E-07	4.30E-06
2559	493230.5	3860293.11	5.79E-03	5.93E-03	5.65E-03	2.00E-06	6.05E-06	3.50E-06	3.59E-06	3.25E-06	1.45E-06	1.41E-06	6.69E-08	1.62E-06	3.57E-07	4.87E-07	7.72E-07	1.33E-07	7.42E-07	4.17E-06
2560	493280.5	3860293.11	5.54E-03	5.68E-03	5.41E-03	1.92E-06	5.80E-06	3.35E-06	3.43E-06	3.11E-06	1.39E-06	1.35E-06	6.41E-08	1.55E-06	3.42E-07	4.66E-07	7.40E-07	1.27E-07	7.10E-07	4.00E-06
2561	493330.5	3860293.11	5.35E-03	5.47E-03	5.21E-03	1.85E-06	5.59E-06	3.23E-06	3.31E-06	3.00E-06	1.34E-06	1.30E-06	6.18E-08	1.49E-06	3.29E-07	4.49E-07	7.13E-07	1.23E-07	6.85E-07	3.85E-06
2562	493380.5	3860293.11	5.17E-03	5.30E-03	5.05E-03	1.79E-06	5.41E-06	3.13E-06	3.21E-06	2.91E-06	1.30E-06	1.26E-06	5.98E-08	1.44E-06	3.19E-07	4.35E-07	6.90E-07	1.19E-07	6.63E-07	3.73E-06
2563	492880.5	3860343.11	7.57E-03	7.74E-03	7.38E-03	2.62E-06	7.91E-06	4.58E-06	4.69E-06	4.25E-06	1.89E-06	1.85E-06	8.74E-08	2.11E-06	4.66E-07	6.36E-07	1.01E-06	1.74E-07	9.69E-07	5.45E-06
2564	492930.5	3860343.11	7.25E-03	7.42E-03	7.07E-03	2.51E-06	7.58E-06	4.39E-06	4.49E-06	4.07E-06	1.81E-06	1.77E-06	8.38E-08	2.02E-06	4.47E-07	6.10E-07	9.67E-07	1.67E-07	9.29E-07	5.23E-06
2565	492980.5	3860343.11	6.83E-03	6.99E-03	6.66E-03	2.36E-06	7.14E-06	4.13E-06	4.23E-06	3.83E-06	1.71E-06	1.67E-06	7.89E-08	1.91E-06	4.21E-07	5.74E-07	9.11E-07	1.57E-07	8.75E-07	4.92E-06
2566	493030.5	3860343.11	6.56E-03	6.72E-03	6.40E-03	2.27E-06	6.86E-06	3.97E-06	4.07E-06	3.69E-06	1.64E-06	1.60E-06	7.59E-08	1.83E-06	4.04E-07	5.52E-07	8.76E-07	1.51E-07	8.41E-07	4.73E-06
2567	493080.5	3860343.11	6.16E-03	6.31E-03	6.01E-03	2.13E-06	6.44E-06	3.73E-06	3.82E-06	3.46E-06	1.54E-06	1.50E-06	7.12E-08	1.72E-06	3.80E-07	5.18E-07	8.22E-07	1.42E-07	7.89E-07	4.44E-06
2568	493130.5	3860343.11	6.01E-03	6.15E-03	5.86E-03	2.08E-06	6.28E-06	3.64E-06	3.72E-06	3.37E-06	1.50E-06	1.47E-06	6.95E-08	1.68E-06	3.70E-07	5.05E-07	8.02E-07	1.38E-07	7.70E-07	4.33E-06
2569	493180.5	3860343.11	5.91E-03	6.05E-03	5.77E-03	2.05E-06	6.18E-06	3.58E-06	3.66E-06	3.32E-06	1.48E-06	1.44E-06	6.83E-08	1.65E-06	3.64E-07	4.97E-07	7.89E-07	1.36E-07	7.57E-07	4.26E-06
2570	493230.5	3860343.11	5.73E-03	5.87E-03	5.59E-03	1.98E-06	5.99E-06	3.47E-06	3.55E-06	3.22E-06	1.43E-06	1.40E-06	6.63E-08	1.60E-06	3.53E-07	4.82E-07	7.65E-07	1.32E-07	7.34E-07	4.13E-06
2571	493280.5	3860343.11	5.50E-03	5.63E-03	5.36E-03	1.90E-06	5.75E-06	3.33E-06	3.41E-06	3.09E-06	1.38E-06	1.34E-06	6.36E-08	1.54E-06	3.39E-07	4.62E-07	7.34E-07	1.26E-07	7.05E-07	3.97E-06
2572	493330.5	3860343.11	5.29E-03	5.42E-03	5.16E-03	1.83E-06	5.53E-06	3.20E-06	3.28E-06	2.97E-06	1.33E-06	1.29E-06	6.12E-08	1.48E-06	3.26E-07	4.45E-07	7.06E-07	1.22E-07	6.78E-07	3.82E-06
2573	493380.5	3860343.11	5.13E-03	5.25E-03	5.01E-03	1.78E-06	5.37E-06	3.11E-06	3.18E-06	2.88E-06	1.28E-06	1.25E-06	5.93E-08	1.43E-06	3.16E-07	4.32E-07	6.85E-07	1.18E-07	6.58E-07	3.70E-06
2574	492880.5	3860393.11	7.42E-03	7.60E-03	7.24E-03	2.57E-06	7.76E-06	4.49E-06	4.60E-06	4.17E-06	1.86E-06	1.81E-06	8.58E-08	2.07E-06	4.57E-07	6.24E-07	9.90E-07	1.70E-07	9.51E-07	5.35E-06
2575	492930.5	3860393.11	7.11E-03	7.28E-03	6.94E-03	2.46E-06	7.43E-06	4.30E-06	4.40E-06	3.99E-06	1.78E-06	1.74E-06	8.22E-08	1.99E-06	4.38E-07	5.98E-07	9.49E-07	1.63E-07	9.11E-07	5.13E-06
2576	492980.5	3860393.11	6.79E-03	6.95E-03	6.62E-03	2.35E-06	7.09E-06	4.11E-06	4.20E-06	3.81E-06	1.70E-06	1.66E-06	7.84E-08	1.89E-06	4.18E-07	5.71E-07	9.05E-07	1.56E-07	8.69E-07	4.89E-06
2577	493030.5	3860393.11	6.49E-03	6.64E-03	6.33E-03	2.25E-06	6.78E-06	3.92E-06	4.02E-06	3.64E-06	1.62E-06	1.58E-06	7.50E-08	1.81E-06	4.00E-07	5.45E-07	8.65E-07	1.49E-07	8.31E-07	4.68E-06
2578	493080.5	3860393.11	6.11E-03	6.26E-03	5.96E-03	2.12E-06	6.39E-06	3.70E-06	3.79E-06	3.43E-06	1.53E-06	1.49E-06	7.07E-08	1.71E-06	3.77E-07	5.14E-07	8.16E-07	1.40E-07	7.83E-07	4.41E-06
2579	493130.5	3860393.11	5.97E-03	6.11E-03	5.82E-03	2.07E-06	6.24E-06	3.61E-06	3.69E-06	3.35E-06	1.49E-06	1.46E-06	6.90E-08	1.67E-06	3.68E-07	5.02E-07	7.96E-07	1.37E-07	7.64E-07	4.30E-06
2580	493180.5	3860393.11	5.84E-03	5.98E-03	5.69E-03	2.02E-06	6.10E-06	3.53E-06	3.62E-06	3.28E-06	1.46E-06	1.42E-06	6.75E-08	1.63E-06	3.60E-07	4.91E-07	7.79E-07	1.34E-07	7.48E-07	4.21E-06
2581	493230.5	3860393.11	5.64E-03	5.77E-03	5.50E-03	1.95E-06	5.89E-06	3.41E-06	3.49E-06	3.17E-06	1.41E-06	1.38E-06	6.52E-08	1.57E-06	3.47E-07	4.74E-07	7.52E-07	1.30E-07	7.22E-07	4.07E-06
2582	493280.5	3860393.11	5.41E-03	5.54E-03	5.28E-03	1.87E-06	5.65E-06	3.27E-06	3.35E-06	3.04E-06	1.35E-06	1.32E-06	6.25E-08	1.51E-06	3.33E-07	4.55E-07	7.22E-07	1.24E-07	6.93E-07	3.90E-06
2583	493330.5	3860393.11	5.21E-03	5.34E-03	5.09E-03	1.81E-06	5.45E-06	3.16E-06	3.23E-06	2.93E-06	1.31E-06	1.27E-06	6.03E-08	1.46E-06	3.21E-07	4.38E-07	6.96E-07	1.20E-07	6.68E-07	3.76E-06
2584	493380.5	3860393.11	5.05E-03	5.17E-03	4.93E-03	1.75E-06	5.28E-06	3.06E-06	3.13E-06	2.84E-06	1.26E-06	1.23E-06	5.84E-08	1.41E-06	3.11E-07	4.25E-07	6.74E-07	1.16E-07	6.47E-07	3.64E-06
2585	492880.5	3860443.11	7.18E-03	7.35E-03	7.00E-03	2.49E-06	7.51E-06	4.35E-06	4.45E-06	4.03E-06	1.80E-06	1.75E-06	8.30E-08	2.01E-06	4.43E-07	6.04E-07	9.58E-07	1.65E-07	9.20E-07	5.18E-06
2586	492930.5	3860443.11	6.89E-03	7.05E-03	6.72E-03	2.39E-06	7.20E-06	4.17E-06	4.27E-06	3.87E-06	1.72E-06	1.68E-06	7.97E-08	1.92E-06	4.25E-07	5.79E-07	9.19E-07	1.58E-07	8.83E-07	4.97E-06
2587	492980.5	3860443.11	6.62E-03	6.77E-03	6.46E-03	2.29E-06	6.92E-06	4.00E-06	4.10E-06	3.72E-06	1.66E-06	1.62E-06	7.65E-08	1.85E-06	4.08E-07	5.57E-07	8.83E-07	1.52E-07	8.48E-07	4.77E-06
2588	493030.5	3860443.11	6.35E-03	6.50E-03	6.19E-03	2.20E-06	6.63E-06	3.84E-06	3.93E-06	3.56E-06	1.59E-06	1.55E-06	7.34E-08	1.77E-06	3.91E-07	5.34E-07	8.47E-07	1.46E-07	8.13E-07	4.58E-06
2589	493080.5	3860443.11	6.11E-03	6.25E-03	5.96E-03	2.11E-06	6.38E-06	3.70E-06	3.78E-06	3.43E-06	1.53E-06	1.49E-06	7.06E-08	1.71E-06	3.76E-07	5.14E-07	8.15E-07	1.40E-07	7.82E-07	4.40E-06
2590	493130.5	3860443.11	5.88E-03	6.02E-03	5.74E-03	2.04E-06	6.15E-06	3.56E-06	3.64E-06	3.30E-06	1.47E-06	1.44E-06	6.80E-08	1.64E-06	3.63E-07	4.95E-07	7.85E-07	1.35E-07	7.54E-07	4.24E-06
2591	493180.5	3860443.11	5.71E-03	5.85E-03	5.57E-03	1.98E-06	5.97E-06	3.46E-06	3.54E-06	3.21E-06	1.43E-06	1.39E-06	6.61E-08	1.60E-06	3.52E-07	4.81E-07	7.62E-07	1.31E-07	7.32E-07	4.12E-06
2592	493230.5	3860443.11	5.49E-03	5.62E-03	5.36E-03	1.90E-06	5.74E-06	3.32E-06	3.40E-06	3.08E-06	1.37E-06	1.34E-06	6.35E-08	1.53E-06	3.38E-07	4.62E-07	7.33E-07	1.26E-07	7.04E-07	3.96E-06
2593	493280.5	3860443.11	5.30E-03	5.42E-03	5.17E-03	1.83E-06	5.54E-06	3.21E-06	3.28E-06	2.97E-06	1.33E-06	1.29E-06	6.12E-08	1.48E-06	3.26E-07	4.46E-07	7.07E-07	1.22E-07	6.79E-07	3.82E-06
2594	493330.5	3860443.11	5.09E-03	5.21E-03	4.97E-03	1.76E-06	5.32E-06	3.08E-06	3.15E-06	2.86E-06	1.27E-06	1.24E-06	5.89E-08	1.42E-06	3.14E-07	4.28E-07	6.79E-07	1.17E-07	6.52E-07	3.67E-06
2595	493380.5	3860443.11	4.95E-03	5.07E-03	4.83E-03	1.71E-06	5.18E-06	3.00E-06	3.07E-06	2.78E-06	1.24E-06	1.21E-06	5.73E-08	1.38E-06	3.05E-07	4.17E-07	6.61E-07	1.14E-07	6.34E-07	3.57E-06
2596	493180.5	3860493.11	5.51E-03	5.64E-03	5.37E-03	1.91E-06	5.76E-06	3.33E-06	3.41E-06	3.09E-06	1.38E-06	1.35E-06	6.37E-08	1.54E-06	3.40E-07	4.63E-07	7.35E-07	1.27E-07	7.06E-07	3.97E-06
2597	493230.5	3860493.11	5.32E-03	5.45E-03	5.19E-03	1.84E-06	5.56E-06	3.22E-06	3.30E-06	2.99E-06	1.33E-06	1.30E-06	6.15E-08	1.49E-06	3.28E-07	4.48E-07	7.10E-07	1.22E-07	6.82E-07	3.84E-06
2598	493280.5	3860493.11	5.14E-03	5.26E-03	5.01E-03	1.78E-06	5.37E-06	3.11E-06	3.18E-06	2.89E-06	1.29E-06	1.25E-06	5.94E-08	1.44E-06	3.17E-07	4.32E-07	6.86E-07	1.18E-07	6.59E-07	3.71E-06
2599	493330.5	3860493.11	4.97E-03	5.09E-03	4.85E-03	1.72E-06	5.20E-06	3.01E-06	3.08E-06	2.79E-06	1.24E-06	1.21E-06	5.75E-08	1.39E-06	3.06E-07	4.18E-07	6.63E-07	1.14E-07	6.37E-07	3.59E-06
2600	493380.5	3860493.11	4.84E-03	4.95E-03	4.72E-03	1.67E-06	5.05E-06	2.93E-06	3.00E-06	2.72E-06	1.21E-06	1.18E-06	5.59E-08	1.35E-06	2.98E-07	4.07E-07	6.45E-07	1.11E-07	6.20E-07	3.49E-06
2601	493330.5	3860543.11	4.80E-03	4.91E-03	4.68E-03	1.66E-06	5.02E-06	2.90E-06	2.97E-06	2.70E-06	1.20E-06	1.17E-06	5.55E-08	1.34E-06	2.96E-07	4.04E-07	6.40E-07	1.10E-07	6.15E-07	3.46E-06
2602	493380.5	3860543.11	4.67E-03	4.78E-03	4.56E-03	1.62E-06	4.88E-06	2.83E-06	2.89E-06	2.62E-06	1.17E-06	1.14E-06	5.40E-08	1.30E-06	2.88E-07	3.93E-07	6.23E-07	1.07E-07	5.98E-07	3.37E-06
2603	494135.94	3860876.85	2.57E-03	2.63E-03	2.50E-03	8.88E-07	2.68E-06	1.55E-06	1.59E-06	1.44E-06	6.42E-07	6.26E-07	2.97E-08	7.16E-07	1.58E-07	2.16E-07	3.42E-07	5.89E-08	3.29E-07	1.85E-06
2604	494185.94	3860876.85	2.53E-03	2.59E-03	2.47E-03	8.75E-07	2.64E-06	1.53E-06	1.57E-06	1.42E-06	6.33E-07	6.17E-07	2.92E-08	7.06E-07	1.56E-07	2.13E-07	3.37E-07	5.81E-08	3.24E-07	1.82E-06
2605	494135.94	3860926.85	2.45E-03	2.51E-03	2.39E-03	8.49E-07	2.56E-06	1.48E-06	1.52E-06	1.38E-06	6.14E-07	5.99E-07	2.84E-08	6.85E-07	1.51E-07	2.06E-07	3.27E-07	5.64E-08	3.14E-07	1.77E-06
2606	494185.94	3860926.85	2.42E-03	2.48E-03	2.36E-03	8.38E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.06E-07	5.91E-07	2.80E-08	6.76E-07	1.49E-07	2.04E-07	3.23E-07	5.56E-08	3.10E-07	1.75E-06
2607	494135.94	3860976.85	2.34E-03	2.40E-03	2.29E-03	8.11E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	5.87E-07	5.72E-07	2.71E-08	6.54E-07	1.44E-07	1.97E-07	3.13E-07	5.38E-08	3.00E-07	1.69E-06
2608	494185.94	3860976.85	2.32E-03	2.37E-03	2.26E-03	8.02E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.80E-07	5.65E-07	2.68E-08	6.47E-07	1.43E-07	1.95E-07	3.09E-07	5.32E-08	2.97E-07	1.67E-06
2609	494135.94	3861026.85	2.24E-03	2.29E-03	2.18E-03	7.74E-07	2.34E-06	1.35E-06	1.38E-06	1.25E-06	5.59E-07	5.46E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.13E-08	2.86E-07	1.61E-06
2610	494185.94	3861026.85	2.21E-03	2.26E-03	2.16E-03	7.65E-07	2.31E-06	1.34E-06	1.37E-06	1.24E-06	5.53E-07	5.40E-07	2.56E-08	6.17E-07	1.36E-07	1.86E-07	2.95E-07	5.08E-08	2.83E-07	1.59E-06
2611	494135.94	3861076.85	2.13E-03	2.18E-03	2.08E-03	7.38E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.33E-07	5.20E-07	2.46E-08	5.95E-07	1.31E-07	1.79E-07	2.84E-07	4.89E-08	2.73E-07	1.54E-06
2612	494185.94	3861076.85	2.11E-03	2.16E-03	2.06E-03	7.30E-07	2.20E-06	1.28E-06	1.31E-06	1.18E-06	5.28E-07	5.15E-07	2.44E-08	5.89E-07	1.30E-07	1.77E-07	2.81E-07	4.84E-08	2.70E-07	1.52E-06
2613	490360.04	3858710.04	4.00E-03	4.09E-03	3.90E-03	1.38E-06	4.18E-06	2.42E-06	2.48E-06	2.25E-06	1.00E-06	9.76E-07	4.62E-08	1.12E-06	2.46E-07	3.36E-07	5.34E-07	9.19E-08	5.12E-07	2.88E-06
2614	490410.04	3858710.04	3.90E-03	4.00E-03	3.81E-03	1.35E-06	4.08E-06	2.36E-06	2.42E-06	2.19E-06	9.77E-07	9.53E-07	4.51E-08	1.09E-06	2.40E-07	3.28E-07	5.21E-07	8.96E-08	5.00E-07	2.81E-06
2615	490460.04	3858710.04	3.76E-03	3.85E-03	3.67E-03	1.30E-06	3.93E-06	2.28E-06	2.33E-06	2.11E-06	9.42E-07	9.19E-07	4.35E-08	1.05E-06	2.32E-07	3.17E-07	5.02E-07	8.65E-08	4.82E-07	2.71E-06
2616	490510.04	3858710.04	3.67E-03	3.76E-03	3.58E-03	1.27E-06	3.84E-06	2.22E-06	2.27E-06	2.06E-06	9.19E-07	8.97E-07	4.25E-08	1.03E-06	2.26E-07	3.09E-07	4.90E-07	8.44E-08	4.71E-07	2.65E-06
2617	490560.04	3858710.04	3.60E-03	3.68E-03	3.51E-03	1.25E-06	3.76E-06	2.18E-06	2.23E-06	2.02E-06	9.00E-07	8.78E-07	4.16E-08	1.00E-06	2.22E-07	3.03E-07	4.80E-07	8.26E-08	4.61E-07	2.59E-06
2618	490610.04	3858710.04	3.52E-03	3.60E-03	3.43E-03	1.22E-06	3.68E-06	2.13E-06	2.18E-06	1.97E-06	8.80E-07	8.59E-07	4.07E-08	9.82E-07	2.17E-07	2.96E-07	4.69E-07	8.08E-08	4.51E-07	2.54E-06
2619	490660.04	3858710.04	3.48E-03	3.56E-03	3.39E-03	1.20E-06	3.64E-06	2.10E-06	2.15E-06	1.95E-06	8.71E-07	8.49E-07	4.02E-08	9.71E-07	2.14E-07	2.93E-07	4.64E-07	7.99E-08	4.46E-07	2.51E-06

2620	490710.04	3858710.04	3.38E-03	3.46E-03	3.29E-03	1.17E-06	3.53E-06	2.04E-06	2.09E-06	1.90E-06	8.45E-07	8.24E-07	3.90E-08	9.43E-07	2.08E-07	2.84E-07	4.50E-07	7.75E-08	4.33E-07	2.43E-06
2621	490760.04	3858710.04	3.29E-03	3.37E-03	3.21E-03	1.14E-06	3.44E-06	1.99E-06	2.04E-06	1.85E-06	8.24E-07	8.04E-07	3.81E-08	9.19E-07	2.03E-07	2.77E-07	4.39E-07	7.56E-08	4.22E-07	2.37E-06
2622	490810.04	3858710.04	3.21E-03	3.28E-03	3.13E-03	1.11E-06	3.35E-06	1.94E-06	1.99E-06	1.80E-06	8.03E-07	7.83E-07	3.71E-08	8.96E-07	1.98E-07	2.70E-07	4.28E-07	7.37E-08	4.11E-07	2.31E-06
2623	490860.04	3858710.04	3.10E-03	3.18E-03	3.03E-03	1.07E-06	3.24E-06	1.88E-06	1.92E-06	1.74E-06	7.77E-07	7.57E-07	3.59E-08	8.66E-07	1.91E-07	2.61E-07	4.14E-07	7.13E-08	3.98E-07	2.24E-06
2624	490360.04	3858760.04	4.50E-03	4.61E-03	4.39E-03	1.56E-06	4.71E-06	2.72E-06	2.79E-06	2.53E-06	1.13E-06	1.10E-06	5.20E-08	1.26E-06	2.77E-07	3.79E-07	6.01E-07	1.03E-07	5.77E-07	3.25E-06
2625	490410.04	3858760.04	4.37E-03	4.47E-03	4.26E-03	1.51E-06	4.56E-06	2.64E-06	2.70E-06	2.45E-06	1.09E-06	1.07E-06	5.05E-08	1.22E-06	2.69E-07	3.67E-07	5.82E-07	1.00E-07	5.59E-07	3.15E-06
2626	490460.04	3858760.04	4.22E-03	4.32E-03	4.12E-03	1.46E-06	4.41E-06	2.55E-06	2.61E-06	2.37E-06	1.06E-06	1.03E-06	4.88E-08	1.18E-06	2.60E-07	3.55E-07	5.63E-07	9.69E-08	5.41E-07	3.04E-06
2627	490510.04	3858760.04	4.07E-03	4.17E-03	3.97E-03	1.41E-06	4.25E-06	2.46E-06	2.52E-06	2.28E-06	1.02E-06	9.93E-07	4.70E-08	1.14E-06	2.51E-07	3.42E-07	5.43E-07	9.35E-08	5.21E-07	2.93E-06
2628	490560.04	3858760.04	3.96E-03	4.05E-03	3.86E-03	1.37E-06	4.14E-06	2.39E-06	2.45E-06	2.22E-06	9.90E-07	9.66E-07	4.57E-08	1.10E-06	2.44E-07	3.33E-07	5.28E-07	9.09E-08	5.07E-07	2.85E-06
2629	490610.04	3858760.04	3.84E-03	3.93E-03	3.74E-03	1.33E-06	4.01E-06	2.32E-06	2.38E-06	2.15E-06	9.60E-07	9.36E-07	4.43E-08	1.07E-06	2.36E-07	3.23E-07	5.12E-07	8.81E-08	4.91E-07	2.77E-06
2630	490660.04	3858760.04	3.73E-03	3.82E-03	3.64E-03	1.29E-06	3.90E-06	2.26E-06	2.31E-06	2.10E-06	9.35E-07	9.11E-07	4.32E-08	1.04E-06	2.30E-07	3.14E-07	4.98E-07	8.58E-08	4.78E-07	2.69E-06
2631	490710.04	3858760.04	3.63E-03	3.72E-03	3.54E-03	1.26E-06	3.80E-06	2.20E-06	2.25E-06	2.04E-06	9.09E-07	8.87E-07	4.20E-08	1.01E-06	2.24E-07	3.06E-07	4.85E-07	8.34E-08	4.65E-07	2.62E-06
2632	490760.04	3858760.04	3.51E-03	3.60E-03	3.43E-03	1.22E-06	3.67E-06	2.13E-06	2.18E-06	1.97E-06	8.80E-07	8.58E-07	4.06E-08	9.81E-07	2.17E-07	2.96E-07	4.69E-07	8.07E-08	4.50E-07	2.53E-06
2633	490810.04	3858760.04	3.41E-03	3.49E-03	3.32E-03	1.18E-06	3.56E-06	2.06E-06	2.11E-06	1.91E-06	8.53E-07	8.32E-07	3.94E-08	9.51E-07	2.10E-07	2.87E-07	4.55E-07	7.83E-08	4.37E-07	2.46E-06
2634	490860.04	3858760.04	3.32E-03	3.40E-03	3.24E-03	1.15E-06	3.47E-06	2.01E-06	2.06E-06	1.86E-06	8.31E-07	8.10E-07	3.84E-08	9.27E-07	2.04E-07	2.79E-07	4.43E-07	7.62E-08	4.25E-07	2.39E-06
2635	490360.04	3858810.04	5.03E-03	5.14E-03	4.90E-03	1.74E-06	5.25E-06	3.04E-06	3.11E-06	2.82E-06	1.26E-06	1.23E-06	5.81E-08	1.40E-06	3.10E-07	4.23E-07	6.70E-07	1.15E-07	6.44E-07	3.62E-06
2636	490410.04	3858810.04	4.84E-03	4.96E-03	4.72E-03	1.68E-06	5.06E-06	2.93E-06	3.00E-06	2.72E-06	1.21E-06	1.18E-06	5.60E-08	1.35E-06	2.98E-07	4.07E-07	6.46E-07	1.11E-07	6.21E-07	3.49E-06
2637	490460.04	3858810.04	4.66E-03	4.77E-03	4.55E-03	1.61E-06	4.87E-06	2.82E-06	2.89E-06	2.62E-06	1.17E-06	1.14E-06	5.39E-08	1.30E-06	2.87E-07	3.92E-07	6.22E-07	1.07E-07	5.97E-07	3.36E-06
2638	490510.04	3858810.04	4.53E-03	4.63E-03	4.41E-03	1.57E-06	4.73E-06	2.74E-06	2.80E-06	2.54E-06	1.13E-06	1.10E-06	5.23E-08	1.26E-06	2.79E-07	3.81E-07	6.04E-07	1.04E-07	5.80E-07	3.26E-06
2639	490560.04	3858810.04	4.38E-03	4.49E-03	4.28E-03	1.52E-06	4.58E-06	2.65E-06	2.72E-06	2.46E-06	1.10E-06	1.07E-06	5.07E-08	1.22E-06	2.70E-07	3.69E-07	5.85E-07	1.01E-07	5.62E-07	3.16E-06
2640	490610.04	3858810.04	4.21E-03	4.31E-03	4.10E-03	1.46E-06	4.40E-06	2.54E-06	2.61E-06	2.36E-06	1.05E-06	1.03E-06	4.86E-08	1.17E-06	2.59E-07	3.54E-07	5.61E-07	9.66E-08	5.39E-07	3.03E-06
2641	490660.04	3858810.04	4.07E-03	4.16E-03	3.97E-03	1.41E-06	4.25E-06	2.46E-06	2.52E-06	2.28E-06	1.02E-06	9.93E-07	4.70E-08	1.14E-06	2.51E-07	3.42E-07	5.43E-07	9.34E-08	5.21E-07	2.93E-06
2642	490710.04	3858810.04	3.92E-03	4.01E-03	3.82E-03	1.36E-06	4.10E-06	2.37E-06	2.43E-06	2.20E-06	9.81E-07	9.57E-07	4.53E-08	1.09E-06	2.42E-07	3.30E-07	5.23E-07	9.00E-08	5.02E-07	2.83E-06
2643	490760.04	3858810.04	3.74E-03	3.83E-03	3.65E-03	1.30E-06	3.91E-06	2.27E-06	2.32E-06	2.10E-06	9.37E-07	9.14E-07	4.33E-08	1.05E-06	2.31E-07	3.15E-07	4.99E-07	8.60E-08	4.80E-07	2.70E-06
2644	490810.04	3858810.04	3.67E-03	3.76E-03	3.58E-03	1.27E-06	3.84E-06	2.22E-06	2.27E-06	2.06E-06	9.18E-07	8.96E-07	4.24E-08	1.02E-06	2.26E-07	3.09E-07	4.90E-07	8.43E-08	4.70E-07	2.65E-06
2645	490860.04	3858810.04	3.54E-03	3.62E-03	3.45E-03	1.22E-06	3.70E-06	2.14E-06	2.19E-06	1.99E-06	8.85E-07	8.64E-07	4.09E-08	9.88E-07	2.18E-07	2.98E-07	4.72E-07	8.13E-08	4.53E-07	2.55E-06
2646	490360.04	3858860.04	5.55E-03	5.68E-03	5.41E-03	1.92E-06	5.80E-06	3.36E-06	3.44E-06	3.11E-06	1.39E-06	1.35E-06	6.41E-08	1.55E-06	3.42E-07	4.66E-07	7.40E-07	1.27E-07	7.11E-07	4.00E-06
2647	490410.04	3858860.04	5.40E-03	5.52E-03	5.26E-03	1.87E-06	5.64E-06	3.27E-06	3.34E-06	3.03E-06	1.35E-06	1.32E-06	6.24E-08	1.51E-06	3.33E-07	4.54E-07	7.20E-07	1.24E-07	6.91E-07	3.89E-06
2648	490460.04	3858860.04	5.15E-03	5.28E-03	5.03E-03	1.78E-06	5.39E-06	3.12E-06	3.19E-06	2.89E-06	1.29E-06	1.26E-06	5.96E-08	1.44E-06	3.18E-07	4.33E-07	6.88E-07	1.18E-07	6.60E-07	3.72E-06
2649	490510.04	3858860.04	5.03E-03	5.14E-03	4.90E-03	1.74E-06	5.25E-06	3.04E-06	3.11E-06	2.82E-06	1.26E-06	1.23E-06	5.81E-08	1.40E-06	3.10E-07	4.23E-07	6.70E-07	1.15E-07	6.44E-07	3.62E-06
2650	490560.04	3858860.04	4.82E-03	4.94E-03	4.70E-03	1.67E-06	5.04E-06	2.92E-06	2.99E-06	2.71E-06	1.21E-06	1.18E-06	5.57E-08	1.35E-06	2.97E-07	4.05E-07	6.43E-07	1.11E-07	6.18E-07	3.48E-06
2651	490610.04	3858860.04	4.57E-03	4.68E-03	4.46E-03	1.58E-06	4.77E-06	2.76E-06	2.83E-06	2.56E-06	1.14E-06	1.12E-06	5.28E-08	1.28E-06	2.81E-07	3.84E-07	6.09E-07	1.05E-07	5.85E-07	3.29E-06
2652	490660.04	3858860.04	4.41E-03	4.51E-03	4.30E-03	1.53E-06	4.61E-06	2.67E-06	2.73E-06	2.47E-06	1.10E-06	1.08E-06	5.09E-08	1.23E-06	2.72E-07	3.71E-07	5.88E-07	1.01E-07	5.65E-07	3.18E-06
2653	490710.04	3858860.04	4.28E-03	4.39E-03	4.18E-03	1.48E-06	4.48E-06	2.59E-06	2.65E-06	2.41E-06	1.07E-06	1.05E-06	4.95E-08	1.20E-06	2.64E-07	3.60E-07	5.71E-07	9.84E-08	5.49E-07	3.09E-06
2654	490760.04	3858860.04	4.08E-03	4.18E-03	3.98E-03	1.41E-06	4.27E-06	2.47E-06	2.53E-06	2.29E-06	1.02E-06	9.97E-07	4.72E-08	1.14E-06	2.52E-07	3.43E-07	5.45E-07	9.38E-08	5.23E-07	2.94E-06
2655	490810.04	3858860.04	3.91E-03	4.00E-03	3.81E-03	1.35E-06	4.09E-06	2.37E-06	2.42E-06	2.19E-06	9.78E-07	9.54E-07	4.52E-08	1.09E-06	2.41E-07	3.29E-07	5.21E-07	8.98E-08	5.01E-07	2.82E-06
2656	490860.04	3858860.04	3.74E-03	3.83E-03	3.65E-03	1.29E-06	3.91E-06	2.26E-06	2.32E-06	2.10E-06	9.36E-07	9.13E-07	4.32E-08	1.04E-06	2.30E-07	3.14E-07	4.99E-07	8.59E-08	4.79E-07	2.70E-06
2657	490360.04	3858910.04	6.27E-03	6.42E-03	6.12E-03	2.17E-06	6.56E-06	3.80E-06	3.89E-06	3.52E-06	1.57E-06	1.53E-06	7.25E-08	1.75E-06	3.86E-07	5.27E-07	8.37E-07	1.44E-07	8.04E-07	4.52E-06
2658	490410.04	3858910.04	6.02E-03	6.16E-03	5.87E-03	2.08E-06	6.29E-06	3.64E-06	3.73E-06	3.38E-06	1.51E-06	1.47E-06	6.96E-08	1.68E-06	3.71E-07	5.06E-07	8.03E-07	1.38E-07	7.71E-07	4.34E-06
2659	490460.04	3858910.04	5.76E-03	5.90E-03	5.62E-03	2.00E-06	6.02E-06	3.49E-06	3.57E-06	3.24E-06	1.44E-06	1.41E-06	6.66E-08	1.61E-06	3.55E-07	4.85E-07	7.69E-07	1.32E-07	7.38E-07	4.15E-06
2660	490510.04	3858910.04	5.50E-03	5.63E-03	5.36E-03	1.90E-06	5.75E-06	3.33E-06	3.41E-06	3.09E-06	1.38E-06	1.34E-06	6.36E-08	1.54E-06	3.39E-07	4.63E-07	7.34E-07	1.26E-07	7.05E-07	3.97E-06
2661	490560.04	3858910.04	5.23E-03	5.36E-03	5.10E-03	1.81E-06	5.47E-06	3.17E-06	3.24E-06	2.94E-06	1.31E-06	1.28E-06	6.05E-08	1.46E-06	3.22E-07	4.40E-07	6.98E-07	1.20E-07	6.71E-07	3.77E-06
2662	490610.04	3858910.04	4.98E-03	5.10E-03	4.85E-03	1.72E-06	5.20E-06	3.01E-06	3.08E-06	2.79E-06	1.25E-06	1.21E-06	5.75E-08	1.39E-06	3.07E-07	4.19E-07	6.64E-07	1.14E-07	6.38E-07	3.59E-06
2663	490660.04	3858910.04	4.78E-03	4.89E-03	4.66E-03	1.65E-06	5.00E-06	2.89E-06	2.96E-06	2.68E-06	1.20E-06	1.17E-06	5.52E-08	1.33E-06	2.94E-07	4.02E-07	6.38E-07	1.10E-07	6.12E-07	3.45E-06
2664	490710.04	3858910.04	4.56E-03	4.67E-03	4.45E-03	1.58E-06	4.77E-06	2.76E-06	2.83E-06	2.56E-06	1.14E-06	1.11E-06	5.27E-08	1.27E-06	2.81E-07	3.84E-07	6.09E-07	1.05E-07	5.84E-07	3.29E-06
2665	490760.04	3858910.04	4.32E-03	4.43E-03	4.22E-03	1.50E-06	4.52E-06	2.62E-06	2.68E-06	2.43E-06	1.08E-06	1.06E-06	5.00E-08	1.21E-06	2.66E-07	3.64E-07	5.77E-07	9.93E-08	5.54E-07	3.12E-06
2666	490810.04	3858910.04	4.16E-03	4.26E-03	4.06E-03	1.44E-06	4.35E-06	2.52E-06	2.58E-06	2.34E-06	1.04E-06	1.02E-06	4.81E-08	1.16E-06	2.56E-07	3.50E-07	5.55E-07	9.56E-08	5.33E-07	3.00E-06
2667	490860.04	3858910.04	3.95E-03	4.04E-03	3.85E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	9.89E-07	9.64E-07	4.57E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.07E-08	5.06E-07	2.85E-06
2668	490360.04	3858960.04	6.96E-03	7.12E-03	6.78E-03	2.41E-06	7.27E-06	4.21E-06	4.31E-06	3.90E-06	1.74E-06	1.70E-06	8.04E-08	1.94E-06	4.29E-07	5.85E-07	9.28E-07	1.60E-07	8.91E-07	5.01E-06
2669	490410.04	3858960.04	6.61E-03	6.77E-03	6.45E-03	2.29E-06	6.91E-06	4.00E-06	4.09E-06	3.71E-06	1.65E-06	1.61E-06	7.64E-08	1.85E-06	4.07E-07	5.56E-07	8.82E-07	1.52E-07	8.47E-07	4.77E-06
2670	490460.04	3858960.04	6.26E-03	6.41E-03	6.11E-03	2.17E-06	6.55E-06	3.79E-06	3.88E-06	3.52E-06	1.57E-06	1.53E-06	7.24E-08	1.75E-06	3.86E-07	5.27E-07	8.35E-07	1.44E-07	8.02E-07	4.52E-06
2671	490510.04	3858960.04	5.96E-03	6.10E-03	5.81E-03	2.06E-06	6.23E-06	3.61E-06	3.69E-06	3.35E-06	1.49E-06	1.46E-06	6.89E-08	1.66E-06	3.67E-07	5.01E-07	7.95E-07	1.37E-07	7.64E-07	4.30E-06
2672	490560.04	3858960.04	5.68E-03	5.81E-03	5.54E-03	1.97E-06	5.94E-06	3.44E-06	3.52E-06	3.19E-06	1.42E-06	1.39E-06	6.56E-08	1.59E-06	3.50E-07	4.78E-07	7.58E-07	1.30E-07	7.27E-07	4.09E-06
2673	490610.04	3858960.04	5.34E-03	5.47E-03	5.21E-03	1.85E-06	5.59E-06	3.23E-06	3.31E-06	3.00E-06	1.34E-06	1.30E-06	6.18E-08	1.49E-06	3.29E-07	4.49E-07	7.13E-07	1.23E-07	6.85E-07	3.85E-06
2674	490660.04	3858960.04	5.18E-03	5.30E-03	5.05E-03	1.79E-06	5.41E-06	3.13E-06	3.21E-06	2.91E-06	1.30E-06	1.26E-06	5.98E-08	1.45E-06	3.19E-07	4.35E-07	6.91E-07	1.19E-07	6.63E-07	3.73E-06
2675	490710.04	3858960.04	4.88E-03	5.00E-03	4.76E-03	1.69E-06	5.10E-06	2.95E-06	3.02E-06	2.74E-06	1.22E-06	1.19E-06	5.64E-08	1.36E-06	3.01E-07	4.11E-07	6.51E-07	1.12E-07	6.25E-07	3.52E-06
2676	490760.04	3858960.04	4.64E-03	4.75E-03	4.52E-03	1.61E-06	4.85E-06	2.81E-06	2.87E-06	2.60E-06	1.16E-06	1.13E-06	5.36E-08	1.30E-06	2.86E-07	3.90E-07	6.19E-07	1.07E-07	5.94E-07	3.34E-06
2677	490810.04	3858960.04	4.41E-03	4.51E-03	4.30E-03	1.53E-06	4.61E-06	2.67E-06	2.73E-06	2.48E-06	1.10E-06	1.08E-06	5.10E-08	1.23E-06	2.72E-07	3.71E-07	5.88E-07	1.01E-07	5.65E-07	3.18E-06
2678	490860.04	3858960.04	4.16E-03	4.26E-03	4.06E-03	1.44E-06	4.35E-06	2.52E-06	2.58E-06	2.34E-06	1.04E-06	1.02E-06	4.81E-08	1.16E-06	2.57E-07	3.50E-07	5.55E-07	9.56E-08	5.33E-07	3.00E-06
2679	490360.04	3859010.04	7.69E-03	7.87E-03	7.50E-03	2.66E-06	8.04E-06	4.65E-06	4.76E-06	4.32E-06	1.93E-06	1.88E-06	8.89E-08	2.15E-06	4.74E-07	6.47E-07	1.03E-06	1.77E-07	9.86E-07	5.55E-06
2680	490410.04	3859010.04	7.25E-03	7.42E-03	7.07E-03	2.51E-06	7.58E-06	4.39E-06	4.49E-06	4.07E-06	1.81E-06	1.77E-06	8.38E-08	2.02E-06	4.47E-07	6.10E-07	9.67E-07	1.67E-07	9.29E-07	5.23E-06
2681	490460.04	3859010.04	6.77E-03	6.93E-03	6.60E-03	2.34E-06	7.08E-06	4.10E-06	4.19E-06	3.80E-06	1.69E-06	1.65E-06	7.83E-08	1.89E-06	4.17E-07	5.69E-07	9.03E-07	1.55E-07	8.67E-07	4.88E-06
2682	490510.04	3859010.04	6.34E-03	6.49E-03	6.18E-03	2.19E-06	6.62E-06	3.83E-06	3.92E-06	3.56E-06	1.59E-06	1.55E-06	7.32E-08	1.77E-06	3.90E-07	5.33E-07	8.45E-07	1.46E-07	8.12E-07	4.57E-06
2683	490560.04	3859010.04	6.09E-03	6.23E-03	5.94E-03	2.11E-06	6.36E-06	3.68E-06	3.77E-06	3.42E-06	1.52E-06	1.49E-06	7.03E-08	1.70E-06	3.75E-07	5.12E-07	8.12E-07	1.40E-07	7.80E-07	4.39E-06
2684	490610.04	3859010.04	5.71E-03	5.85E-03	5.57E-03	1.98E-06	5.97E-06	3.46E-06	3.54E-06	3.21E-06	1.43E-06	1.39E-06	6.61E-08	1.60E-06	3.52E-07	4.81E-07	7.62E-07	1.31E-07	7.32E-07	4.12E-06
2685	490660.04	3859010.04	5.53E-03	5.66E-03	5.39E-03	1.91E-06	5.78E-06	3.35E-06	3.43E-06	3.11E-06	1.38E-06	1.35E-06	6.39E-08	1.54E-06	3.41E-07	4.65E-07	7.38E-07	1.27E-07	7.09E-07	3.99E-06
2686	490710.04	3859010.04	5.19E-03	5.31E-03	5.06E-03	1.80E-06	5.42E-06	3.14E-06	3.21E-06	2.91E-06	1.30E-06	1.27E-06	6.00E-08	1.45E-06	3.20E-07	4.36E-07	6.92E-07	1.19E-07	6.65E-07	3.74E-06
2687	490760.04	3859010.04	4.90E-03	5.02E-03	4.78E-03	1.70E-06	5.13E-06	2.97E-06	3.04E-06	2.75E-06	1.23E-06	1.20E-06	5.67E-08	1.37E-06	3.02E-07	4.12E-07	6.54E-07	1.13E-07	6.28E-07	3.54E-06
2688	490810.04	3859010.04	4.64E-03	4.75E-03	4.52E-03	1.61E-06	4.85E-06	2.81E-06	2.87E-06	2.60E-06	1.16E-06	1.13E-06	5.36E-08	1.29E-06	2.86E-07	3.90E-07	6.19E-07	1.06E-07	5.94E-07	3.34E-06
2689	490860.04	3859010.04	4.41E-03	4.51E-03	4.30E-03	1.53E-06	4.61E-06	2.67E-06	2.73E-06	2.48E-06	1.10E-06	1.08E-06	5.10E-08	1.23E-06	2.72E-07	3.71E-07	5.88E-07	1.01E-07	5.65E-07	3.18E-06
2690	490360.04	3859060.04	8.45E-03	8.65E-03	8.24E-03	2.92E-06	8.83E-06	5.11E-06	5.23E-06	4.74E-06	2.11E-06	2.06E-06	9.77E-08	2.36E-06	5.21E-07	7.10E-07	1.13E-06	1.94E-07	1.08E-06	6.09E-06
2691	490410.04	3859060.04	7.80E-03	7.98E-03	7.60E-03	2.70E-06	8.15E-06	4.72E-06	4.83E-06	4.38E-06	1.95E-06	1.90E-06	9.01E-08	2.18E-06	4.80E-07	6.56E-07	1.04E-06	1.79E-07	9.99E-07	5.62E-06
2692	490460.04	3859060.04	7.29E-03	7.46E-03	7.11E-03	2.52E-06	7.62E-06	4.41E-06	4.51E-06	4.09E-06	1.82E-06	1.78E-06	8.43E-08	2.04E-06	4.49E-07	6.13E-07	9.72E-07	1.67E-07	9.34E-07	5.26E-06
2693	490510.04	3859060.04	6.87E-03	7.03E-03	6.70E-03	2.38E-06	7.18E-06	4.15E-06	4.25E-06	3.85E-06	1.72E-06	1.68E-06	7.94E-08	1.92E-06	4.23E-07	5.77E-07	9.16E-07	1.58E-07	8.80E-07	4.95E-06
2694	490560.04	3859060.04	6.41E-03	6.56E-03	6.25E-03	2.22E-06	6.70E-06	3.88E-06	3.97E-06	3.60E-06	1.60E-06	1.56E-06	7.41E-08	1.79E-06	3.95E-07	5.39E-07	8.55E-07	1.47E-07	8.21E-07	4.62E-06
2695	490610.04	3859060.04	6.11E-03	6.25E-03	5.96E-03	2.11E-06	6.39E-06	3.70E-06	3.78E-06	3.43E-06	1.53E-06	1.49E-06	7.06E-08	1.71E-06	3.76E-07	5.14E-07	8.15E-07	1.40E-07	7.83E-07	4.40E-06
2696	490660.04	3859060.04	5.84E-03	5.98E-03	5.70E-03	2.02E-06	6.10E-06	3.53E-06	3.62E-06	3.28E-06	1.46E-06	1.43E-06	6.75E-08	1.63E-06	3.60E-07	4.91E-07	7.79E-07	1.34E-07	7.48E-07	4.21E-06
2697	490710.04	3859060.04	5.46E-03	5.59E-03	5.33E-03	1.89E-06	5.71E-06	3.31E-06	3.38E-06	3.07E-06	1.37E-06	1.33E-06	6.32E-08	1.53E-06	3.37E-07	4.59E-07	7.29E-07	1.25E-07	7.00E-07	3.94E-06
2698	490760.04	3859060.04	5.15E-03	5.27E-03	5.02E-03	1.78E-06	5.38E-06	3.12E-06	3.19E-06	2.89E-06	1.29E-06	1.26E-06	5.95E-08	1.44E-06	3.17E-07	4.33E-07	6.87E-07	1.18E-07	6.60E-07	3.71E-06
2699	490810.04	3859060.04	4.85E-03	4.97E-03	4.73E-03	1.68E-06	5.07E-06	2.94E-06	3.01E-06	2.73E-06	1.21E-06	1.18E-06	5.61E-08	1.36E-06	2.99E-07	4.08E-07	6.47E-07	1.11E-07	6.22E-07	3.50E-06
2700	490860.04	3859060.04	4.61E-03	4.71E-03	4.49E-03	1.59E-06	4.81E-06	2.79E-06	2.85E-06	2.59E-06	1.15E-06	1.12E-06	5.32E-08	1.29E-06	2.84E-07	3.87E-07	6.14E-07	1.06E-07	5.90E-07	3.32E-06
2701	490360.04	3859110.04	9.37E-03	9.59E-03	9.14E-03	3.24E-06	9.80E-06	5.67E-06	5.81E-06	5.26E-06	2.35E-06	2.29E-06	1.08E-07	2.62E-06	5.78E-07	7.88E-07	1.25E-06	2.15E-07	1.20E-06	6.76E-06
2702	490410.04	3859110.04	8.60E-03	8.81E-03	8.39E-03	2.98E-06	8.99E-06	5.21E-06	5.33E-06	4.83E-06	2.15E-06	2.10E-06	9.95E-08	2.40E-06	5.30E-07	7.24E-07	1.15E-06	1.98E-07	1.10E-06	6.20E-06
2703	490460.04	3859110.04	8.07E-03	8.26E-03	7.87E-03	2.79E-06	8.44E-06	4.88E-06	5.00E-06	4.53E-06	2.02E-06	1.97E-06	9.33E-08	2.25E-06	4.97E-07	6.79E-07	1.08E-06	1.85E-07	1.03E-06	5.82E-06
2704	490510.04	3859110.04	7.32E-03	7.50E-03	7.14E-03	2.53E-06	7.65E-06	4.43E-06	4.54E-06	4.11E-06	1.83E-06	1.79E-06	8.46E-08	2.04E-06	4.51E-07	6.16E-07	9.77E-07	1.68E-07	9.38E-07	5.28E-06
2705	490560.04	3859110.04	6.86E-03	7.02E-03	6.69E-03	2.38E-06	7.17E-06	4.15E-06	4.25E-06	3.85E-06	1.72E-06	1.68E-06	7.93E-08	1.92E-06	4.23E-07	5.77E-07	9.15E-07	1.58E-07	8.79E-07	4.95E-06
2706	490610.04	3859110.04	6.41E-03	6.56E-03	6.25E-03	2.22E-06	6.70E-06	3.88E-06	3.97E-06	3.60E-06	1.60E-06	1.56E-06	7.41E-08	1.79E-06	3.95E-07	5.39E-07	8.55E-07	1.47E-07	8.21E-07	4.62E-06
2707	490660.04	3859110.04	5.96E-03	6.10E-03	5.82E-03	2.06E-06	6.23E-06	3.61E-06	3.69E-06	3.35E-06	1.49E-06	1.46E-06	6.89E-08	1.67E-06	3.67E-07	5.01E-07	7.95E-07	1.37E-07	7.64E-07	4.30E-06
2708	490710.04	3859110.04	5.69E-03	5.82E-03	5.55E-03	1.97E-06	5.94E-06	3.44E-06	3.52E-06	3.19E-06	1.42E-06	1.39E-06	6.57E-08	1.59E-06	3.50E-07	4.78E-07	7.59E-07	1.31E-07	7.28E-07	4.10E-06
2709	490760.04	3859110.04	5.37E-03	5.50E-03	5.24E-03	1.86E-06	5.62E-06	3.25E-06	3.33E-06	3.02E-06	1.34E-06	1.31E-06	6.21E-08	1.50E-06	3.31E-07	4.52E-07	7.17E-07	1.23E-07	6.88E-07	3.87E-06
2710	490810.04	3859110.04	5.04E-03	5.16E-03	4.92E-03	1.75E-06	5.27E-06	3.05E-06	3.12E-06	2.83E-06	1.26E-06	1.23E-06	5.83E-08	1.41E-06	3.11E-07	4.24E-07	6.73E-07	1.16E-07	6.46E-07	3.63E-06
2711	490860.04	3859110.04	4.75E-03	4.86E-03	4.63E-03	1.64E-06	4.96E-06	2.87E-06	2.94E-06	2.67E-06	1.19E-06	1.16E-06	5.49E-08	1.33E-06	2.93E-07	3.99E-07	6.33E-07	1.09E-07	6.08E-07	3.42E-06
2712	490360.04	3859160.04	1.05E-02	1.07E-02	1.02E-02	3.63E-06	1.09E-05	6.34E-06	6.49E-06	5.88E-06	2.62E-06	2.56E-06	1.21E-07	2.92E-06	6.45E-07	8.81E-07	1.40E-06	2.41E-07	1.34E-06	7.55E-06
2713	490410.04	3859160.04	9.60E-03	9.82E-03	9.36E-03	3.32E-06	1.00E-05	5.81E-06	5.94E-06	5.39E-06	2.40E-06	2.34E-06	1.11E-07	2.68E-06	5.91E-07	8.07E-07	1.28E-06	2.20E-07	1.23E-06	6.92E-06
2714	490460.04	3859160.04	8.85E-03	9.06E-03	8.63E-03	3.06E-06	9.25E-06	5.36E-06	5.48E-06	4.97E-06	2.22E-06	2.16E-06	1.02E-07	2.47E-06	5.45E-07	7.45E-07	1.18E-06	2.03E-07	1.13E-06	6.38E-06
2715	490510.04	3859160.04	8.17E-03	8.36E-03	7.96E-03	2.83E-06	8.54E-06	4.94E-06	5.06E-06	4.58E-06	2.04E-06	1.99E-06	9.44E-08	2.28E-06	5.03E-07	6.87E-07	1.09E-06	1.88E-07	1.05E-06	5.89E-06
2716	490560.04	3859160.04	7.45E-03	7.63E-03	7.27E-03	2.58E-06	7.79E-06	4.51E-06	4.62E-06	4.18E-06	1.87E-06	1.82E-06	8.62E-08	2.08E-06	4.59E-07	6.27E-07	9.94E-07	1.71E-07	9.55E-07	5.37E-06
2717	490610.04	3859160.04	6.99E-03	7.15E-03	6.82E-03	2.42E-06	7.31E-06	4.23E-06	4.33E-06	3.92E-06	1.75E-06	1.71E-06	8.08E-08	1.95E-06	4.31E-07	5.88E-07	9.32E-07	1.61E-07	8.95E-07	5.04E-06
2718	490660.04	3859160.04	6.26E-03	6.41E-03	6.11E-03	2.17E-06	6.55E-06	3.79E-06	3.88E-06	3.52E-06	1.57E-06	1.53E-06	7.24E-08	1.75E-06	3.86E-07	5.27E-07	8.36E-07	1.44E-07	8.02E-07	4.52E-06
2719	490710.04	3859160.04	5.94E-03	6.08E-03	5.80E-03	2.06E-06	6.21E-06	3.60E-06	3.68E-06	3.34E-06	1.49E-06	1.45E-06	6.87E-08	1.66E-06	3.66E-07	5.00E-07	7.93E-07	1.36E-07	7.61E-07	4.28E-06
2720	490760.04	3859160.04	5.49E-03	5.62E-03	5.36E-03	1.90E-06	5.74E-06	3.32E-06	3.40E-06	3.08E-06	1.37E-06	1.34E-06	6.35E-08	1.53E-06	3.38E-07	4.62E-07	7.32E-07	1.26E-07	7.03E-07	3.96E-06

2721	490810.04	3859160.04	5.23E-03	5.35E-03	5.10E-03	1.81E-06	5.46E-06	3.16E-06	3.24E-06	2.94E-06	1.31E-06	1.28E-06	6.04E-08	1.46E-06	3.22E-07	4.40E-07	6.97E-07	1.20E-07	6.70E-07	3.77E-06
2722	490860.04	3859160.04	4.97E-03	5.08E-03	4.84E-03	1.72E-06	5.19E-06	3.01E-06	3.08E-06	2.79E-06	1.24E-06	1.21E-06	5.74E-08	1.39E-06	3.06E-07	4.18E-07	6.63E-07	1.14E-07	6.36E-07	3.58E-06
2723	490360.04	3859210.04	1.17E-02	1.20E-02	1.14E-02	4.05E-06	1.22E-05	7.09E-06	7.25E-06	6.58E-06	2.93E-06	2.86E-06	1.35E-07	3.27E-06	7.22E-07	9.85E-07	1.56E-06	2.69E-07	1.50E-06	8.44E-06
2724	490410.04	3859210.04	1.10E-02	1.12E-02	1.07E-02	3.80E-06	1.15E-05	6.64E-06	6.79E-06	6.16E-06	2.75E-06	2.68E-06	1.27E-07	3.06E-06	6.76E-07	9.22E-07	1.46E-06	2.52E-07	1.41E-06	7.91E-06
2725	490460.04	3859210.04	9.75E-03	9.98E-03	9.51E-03	3.37E-06	1.02E-05	5.90E-06	6.04E-06	5.47E-06	2.44E-06	2.38E-06	1.13E-07	2.72E-06	6.01E-07	8.20E-07	1.30E-06	2.24E-07	1.25E-06	7.03E-06
2726	490510.04	3859210.04	8.91E-03	9.12E-03	8.69E-03	3.09E-06	9.32E-06	5.39E-06	5.52E-06	5.00E-06	2.23E-06	2.18E-06	1.03E-07	2.49E-06	5.49E-07	7.50E-07	1.19E-06	2.05E-07	1.14E-06	6.43E-06
2727	490560.04	3859210.04	8.33E-03	8.53E-03	8.12E-03	2.88E-06	8.71E-06	5.04E-06	5.16E-06	4.68E-06	2.08E-06	2.03E-06	9.63E-08	2.33E-06	5.13E-07	7.01E-07	1.11E-06	1.91E-07	1.07E-06	6.01E-06
2728	490610.04	3859210.04	7.67E-03	7.85E-03	7.48E-03	2.65E-06	8.01E-06	4.64E-06	4.75E-06	4.30E-06	1.92E-06	1.87E-06	8.86E-08	2.14E-06	4.72E-07	6.45E-07	1.02E-06	1.76E-07	9.82E-07	5.53E-06
2729	490660.04	3859210.04	6.88E-03	7.04E-03	6.71E-03	2.38E-06	7.19E-06	4.16E-06	4.26E-06	3.86E-06	1.72E-06	1.68E-06	7.95E-08	1.92E-06	4.24E-07	5.78E-07	9.17E-07	1.58E-07	8.81E-07	4.96E-06
2730	490710.04	3859210.04	6.40E-03	6.55E-03	6.24E-03	2.21E-06	6.69E-06	3.87E-06	3.96E-06	3.59E-06	1.60E-06	1.56E-06	7.40E-08	1.79E-06	3.94E-07	5.38E-07	8.53E-07	1.47E-07	8.20E-07	4.61E-06
2731	490760.04	3859210.04	5.93E-03	6.07E-03	5.78E-03	2.05E-06	6.19E-06	3.59E-06	3.67E-06	3.33E-06	1.48E-06	1.45E-06	6.85E-08	1.65E-06	3.65E-07	4.98E-07	7.91E-07	1.36E-07	7.59E-07	4.27E-06
2732	490810.04	3859210.04	5.76E-03	5.89E-03	5.61E-03	1.99E-06	6.02E-06	3.48E-06	3.56E-06	3.23E-06	1.44E-06	1.40E-06	6.65E-08	1.61E-06	3.55E-07	4.84E-07	7.68E-07	1.32E-07	7.37E-07	4.15E-06
2733	490860.04	3859210.04	5.58E-03	5.71E-03	5.44E-03	1.93E-06	5.83E-06	3.38E-06	3.46E-06	3.13E-06	1.40E-06	1.36E-06	6.45E-08	1.56E-06	3.44E-07	4.69E-07	7.44E-07	1.28E-07	7.15E-07	4.02E-06
2734	490360.04	3859260.04	1.30E-02	1.33E-02	1.27E-02	4.49E-06	1.36E-05	7.85E-06	8.04E-06	7.29E-06	3.25E-06	3.17E-06	1.50E-07	3.62E-06	8.00E-07	1.09E-06	1.73E-06	2.98E-07	1.66E-06	9.36E-06
2735	490410.04	3859260.04	1.20E-02	1.23E-02	1.17E-02	4.15E-06	1.25E-05	7.26E-06	7.43E-06	6.73E-06	3.00E-06	2.93E-06	1.39E-07	3.35E-06	7.39E-07	1.01E-06	1.60E-06	2.76E-07	1.54E-06	8.65E-06
2736	490460.04	3859260.04	1.12E-02	1.15E-02	1.09E-02	3.88E-06	1.17E-05	6.78E-06	6.94E-06	6.29E-06	2.80E-06	2.74E-06	1.30E-07	3.13E-06	6.91E-07	9.42E-07	1.50E-06	2.57E-07	1.44E-06	8.08E-06
2737	490510.04	3859260.04	1.04E-02	1.07E-02	1.02E-02	3.61E-06	1.09E-05	6.32E-06	6.47E-06	5.86E-06	2.61E-06	2.55E-06	1.21E-07	2.92E-06	6.43E-07	8.78E-07	1.39E-06	2.40E-07	1.34E-06	7.53E-06
2738	490560.04	3859260.04	9.57E-03	9.79E-03	9.33E-03	3.31E-06	1.00E-05	5.79E-06	5.93E-06	5.37E-06	2.39E-06	2.34E-06	1.11E-07	2.67E-06	5.90E-07	8.05E-07	1.28E-06	2.20E-07	1.23E-06	6.90E-06
2739	490610.04	3859260.04	8.55E-03	8.76E-03	8.34E-03	2.96E-06	8.94E-06	5.18E-06	5.30E-06	4.80E-06	2.14E-06	2.09E-06	9.89E-08	2.39E-06	5.27E-07	7.19E-07	1.14E-06	1.96E-07	1.10E-06	6.17E-06
2740	490660.04	3859260.04	8.20E-03	8.40E-03	8.00E-03	2.84E-06	8.57E-06	4.96E-06	5.08E-06	4.60E-06	2.05E-06	2.00E-06	9.48E-08	2.29E-06	5.05E-07	6.90E-07	1.09E-06	1.88E-07	1.05E-06	5.91E-06
2741	490710.04	3859260.04	7.62E-03	7.80E-03	7.43E-03	2.64E-06	7.96E-06	4.61E-06	4.72E-06	4.28E-06	1.91E-06	1.86E-06	8.81E-08	2.13E-06	4.69E-07	6.41E-07	1.02E-06	1.75E-07	9.76E-07	5.49E-06
2742	490760.04	3859260.04	6.95E-03	7.11E-03	6.78E-03	2.41E-06	7.26E-06	4.21E-06	4.30E-06	3.90E-06	1.74E-06	1.70E-06	8.03E-08	1.94E-06	4.28E-07	5.84E-07	9.27E-07	1.60E-07	8.90E-07	5.01E-06
2743	490810.04	3859260.04	6.66E-03	6.82E-03	6.50E-03	2.31E-06	6.97E-06	4.03E-06	4.13E-06	3.74E-06	1.67E-06	1.63E-06	7.70E-08	1.86E-06	4.11E-07	5.60E-07	8.89E-07	1.53E-07	8.54E-07	4.80E-06
2744	490860.04	3859260.04	6.40E-03	6.55E-03	6.24E-03	2.21E-06	6.69E-06	3.87E-06	3.96E-06	3.59E-06	1.60E-06	1.56E-06	7.39E-08	1.79E-06	3.94E-07	5.38E-07	8.53E-07	1.47E-07	8.19E-07	4.61E-06
2745	490360.04	3859310.04	1.49E-02	1.52E-02	1.45E-02	5.15E-06	1.56E-05	9.01E-06	9.22E-06	8.36E-06	3.73E-06	3.63E-06	1.72E-07	4.16E-06	9.18E-07	1.25E-06	1.99E-06	3.42E-07	1.91E-06	1.07E-05
2746	490410.04	3859310.04	1.37E-02	1.40E-02	1.34E-02	4.74E-06	1.43E-05	8.29E-06	8.48E-06	7.69E-06	3.43E-06	3.34E-06	1.58E-07	3.82E-06	8.44E-07	1.15E-06	1.83E-06	3.15E-07	1.75E-06	9.87E-06
2747	490460.04	3859310.04	1.27E-02	1.30E-02	1.24E-02	4.39E-06	1.33E-05	7.68E-06	7.86E-06	7.12E-06	3.17E-06	3.10E-06	1.47E-07	3.54E-06	7.82E-07	1.07E-06	1.69E-06	2.91E-07	1.63E-06	9.15E-06
2748	490510.04	3859310.04	1.19E-02	1.22E-02	1.16E-02	4.12E-06	1.24E-05	7.20E-06	7.37E-06	6.68E-06	2.98E-06	2.91E-06	1.38E-07	3.32E-06	7.33E-07	1.00E-06	1.59E-06	2.73E-07	1.52E-06	8.58E-06
2749	490560.04	3859310.04	1.11E-02	1.14E-02	1.08E-02	3.85E-06	1.16E-05	6.73E-06	6.89E-06	6.24E-06	2.78E-06	2.71E-06	1.29E-07	3.10E-06	6.85E-07	9.35E-07	1.48E-06	2.55E-07	1.42E-06	8.02E-06
2750	490610.04	3859310.04	1.05E-02	1.07E-02	1.02E-02	3.63E-06	1.09E-05	6.34E-06	6.49E-06	5.88E-06	2.62E-06	2.56E-06	1.21E-07	2.92E-06	6.45E-07	8.81E-07	1.40E-06	2.41E-07	1.34E-06	7.55E-06
2751	490660.04	3859310.04	9.74E-03	9.97E-03	9.50E-03	3.37E-06	1.02E-05	5.90E-06	6.03E-06	5.47E-06	2.44E-06	2.38E-06	1.13E-07	2.72E-06	6.00E-07	8.19E-07	1.30E-06	2.24E-07	1.25E-06	7.02E-06
2752	490710.04	3859310.04	8.72E-03	8.92E-03	8.50E-03	3.02E-06	9.11E-06	5.27E-06	5.40E-06	4.89E-06	2.18E-06	2.13E-06	1.01E-07	2.43E-06	5.37E-07	7.33E-07	1.16E-06	2.00E-07	1.12E-06	6.28E-06
2753	490760.04	3859310.04	8.12E-03	8.31E-03	7.91E-03	2.81E-06	8.48E-06	4.91E-06	5.03E-06	4.56E-06	2.03E-06	1.98E-06	9.38E-08	2.27E-06	5.00E-07	6.82E-07	1.08E-06	1.86E-07	1.04E-06	5.85E-06
2754	490810.04	3859310.04	7.73E-03	7.91E-03	7.54E-03	2.68E-06	8.08E-06	4.68E-06	4.79E-06	4.34E-06	1.93E-06	1.89E-06	8.93E-08	2.16E-06	4.76E-07	6.50E-07	1.03E-06	1.78E-07	9.90E-07	5.57E-06
2755	490860.04	3859310.04	7.26E-03	7.43E-03	7.08E-03	2.51E-06	7.59E-06	4.39E-06	4.49E-06	4.07E-06	1.82E-06	1.77E-06	8.39E-08	2.03E-06	4.47E-07	6.10E-07	9.68E-07	1.67E-07	9.30E-07	5.23E-06
2756	490360.04	3859360.04	1.73E-02	1.77E-02	1.69E-02	5.98E-06	1.81E-05	1.05E-05	1.07E-05	9.70E-06	4.33E-06	4.22E-06	2.00E-07	4.83E-06	1.06E-06	1.45E-06	2.31E-06	3.97E-07	2.21E-06	1.25E-05
2757	490410.04	3859360.04	1.60E-02	1.64E-02	1.56E-02	5.55E-06	1.68E-05	9.71E-06	9.94E-06	9.01E-06	4.02E-06	3.92E-06	1.85E-07	4.48E-06	9.89E-07	1.35E-06	2.14E-06	3.69E-07	2.06E-06	1.16E-05
2758	490460.04	3859360.04	1.50E-02	1.53E-02	1.46E-02	5.19E-06	1.57E-05	9.07E-06	9.28E-06	8.41E-06	3.75E-06	3.66E-06	1.73E-07	4.18E-06	9.23E-07	1.26E-06	2.00E-06	3.44E-07	1.92E-06	1.08E-05
2759	490510.04	3859360.04	1.40E-02	1.43E-02	1.37E-02	4.84E-06	1.46E-05	8.47E-06	8.67E-06	7.86E-06	3.50E-06	3.42E-06	1.62E-07	3.91E-06	8.62E-07	1.18E-06	1.87E-06	3.21E-07	1.79E-06	1.01E-05
2760	490560.04	3859360.04	1.29E-02	1.32E-02	1.26E-02	4.46E-06	1.35E-05	7.79E-06	7.97E-06	7.23E-06	3.22E-06	3.14E-06	1.49E-07	3.60E-06	7.93E-07	1.08E-06	1.72E-06	2.96E-07	1.65E-06	9.28E-06
2761	490610.04	3859360.04	1.19E-02	1.22E-02	1.16E-02	4.12E-06	1.24E-05	7.19E-06	7.36E-06	6.67E-06	2.98E-06	2.90E-06	1.37E-07	3.32E-06	7.32E-07	1.00E-06	1.59E-06	2.73E-07	1.52E-06	8.57E-06
2762	490660.04	3859360.04	1.11E-02	1.14E-02	1.08E-02	3.84E-06	1.16E-05	6.71E-06	6.87E-06	6.23E-06	2.78E-06	2.71E-06	1.28E-07	3.10E-06	6.84E-07	9.33E-07	1.48E-06	2.55E-07	1.42E-06	8.00E-06
2763	490710.04	3859360.04	1.02E-02	1.04E-02	9.92E-03	3.52E-06	1.06E-05	6.15E-06	6.30E-06	5.71E-06	2.55E-06	2.48E-06	1.18E-07	2.84E-06	6.27E-07	8.55E-07	1.36E-06	2.34E-07	1.30E-06	7.33E-06
2764	490760.04	3859360.04	9.31E-03	9.53E-03	9.08E-03	3.22E-06	9.73E-06	5.63E-06	5.76E-06	5.23E-06	2.33E-06	2.27E-06	1.08E-07	2.60E-06	5.74E-07	7.83E-07	1.24E-06	2.14E-07	1.19E-06	6.71E-06
2765	490810.04	3859360.04	8.96E-03	9.17E-03	8.73E-03	3.10E-06	9.36E-06	5.42E-06	5.55E-06	5.03E-06	2.24E-06	2.19E-06	1.04E-07	2.50E-06	5.52E-07	7.53E-07	1.19E-06	2.06E-07	1.15E-06	6.46E-06
2766	490860.04	3859360.04	8.43E-03	8.63E-03	8.22E-03	2.92E-06	8.81E-06	5.10E-06	5.22E-06	4.73E-06	2.11E-06	2.06E-06	9.74E-08	2.35E-06	5.19E-07	7.09E-07	1.12E-06	1.94E-07	1.08E-06	6.08E-06
2767	490360.04	3859410.04	2.03E-02	2.08E-02	1.98E-02	7.03E-06	2.12E-05	1.23E-05	1.26E-05	1.14E-05	5.08E-06	4.96E-06	2.35E-07	5.67E-06	1.25E-06	1.71E-06	2.71E-06	4.66E-07	2.60E-06	1.46E-05
2768	490410.04	3859410.04	1.88E-02	1.93E-02	1.84E-02	6.52E-06	1.97E-05	1.14E-05	1.17E-05	1.06E-05	4.72E-06	4.60E-06	2.18E-07	5.26E-06	1.16E-06	1.58E-06	2.51E-06	4.33E-07	2.41E-06	1.36E-05
2769	490460.04	3859410.04	1.75E-02	1.79E-02	1.71E-02	6.06E-06	1.83E-05	1.06E-05	1.09E-05	9.84E-06	4.38E-06	4.28E-06	2.03E-07	4.89E-06	1.08E-06	1.47E-06	2.34E-06	4.02E-07	2.24E-06	1.26E-05
2770	490510.04	3859410.04	1.63E-02	1.67E-02	1.59E-02	5.64E-06	1.70E-05	9.86E-06	1.01E-05	9.15E-06	4.08E-06	3.98E-06	1.88E-07	4.55E-06	1.00E-06	1.37E-06	2.17E-06	3.74E-07	2.09E-06	1.17E-05
2771	490560.04	3859410.04	1.52E-02	1.55E-02	1.48E-02	5.25E-06	1.59E-05	9.18E-06	9.40E-06	8.52E-06	3.80E-06	3.70E-06	1.75E-07	4.24E-06	9.35E-07	1.28E-06	2.02E-06	3.49E-07	1.94E-06	1.09E-05
2772	490610.04	3859410.04	1.41E-02	1.45E-02	1.38E-02	4.89E-06	1.48E-05	8.55E-06	8.75E-06	7.93E-06	3.54E-06	3.45E-06	1.63E-07	3.95E-06	8.71E-07	1.19E-06	1.88E-06	3.25E-07	1.81E-06	1.02E-05
2773	490660.04	3859410.04	1.28E-02	1.31E-02	1.25E-02	4.44E-06	1.34E-05	7.77E-06	7.95E-06	7.21E-06	3.21E-06	3.13E-06	1.48E-07	3.59E-06	7.91E-07	1.08E-06	1.71E-06	2.95E-07	1.64E-06	9.26E-06
2774	490710.04	3859410.04	1.18E-02	1.21E-02	1.15E-02	4.09E-06	1.23E-05	7.14E-06	7.31E-06	6.63E-06	2.95E-06	2.88E-06	1.36E-07	3.30E-06	7.27E-07	9.93E-07	1.57E-06	2.71E-07	1.51E-06	8.51E-06
2775	490760.04	3859410.04	1.07E-02	1.10E-02	1.05E-02	3.71E-06	1.12E-05	6.49E-06	6.64E-06	6.02E-06	2.69E-06	2.62E-06	1.24E-07	3.00E-06	6.61E-07	9.02E-07	1.43E-06	2.46E-07	1.37E-06	7.73E-06
2776	490810.04	3859410.04	1.03E-02	1.05E-02	1.00E-02	3.56E-06	1.07E-05	6.22E-06	6.36E-06	5.77E-06	2.57E-06	2.51E-06	1.19E-07	2.87E-06	6.33E-07	8.64E-07	1.37E-06	2.36E-07	1.32E-06	7.41E-06
2777	490860.04	3859410.04	9.93E-03	1.02E-02	9.69E-03	3.44E-06	1.04E-05	6.01E-06	6.15E-06	5.58E-06	2.49E-06	2.42E-06	1.15E-07	2.77E-06	6.12E-07	8.35E-07	1.32E-06	2.28E-07	1.27E-06	7.16E-06
2778	490360.04	3859460.04	2.44E-02	2.49E-02	2.37E-02	8.43E-06	2.55E-05	1.47E-05	1.51E-05	1.37E-05	6.09E-06	5.94E-06	2.81E-07	6.80E-06	1.50E-06	2.05E-06	3.25E-06	5.59E-07	3.12E-06	1.76E-05
2779	490410.04	3859460.04	2.22E-02	2.27E-02	2.16E-02	7.68E-06	2.32E-05	1.34E-05	1.37E-05	1.25E-05	5.55E-06	5.42E-06	2.56E-07	6.20E-06	1.37E-06	1.87E-06	2.96E-06	5.10E-07	2.84E-06	1.60E-05
2780	490460.04	3859460.04	2.05E-02	2.10E-02	2.00E-02	7.11E-06	2.15E-05	1.24E-05	1.27E-05	1.15E-05	5.14E-06	5.02E-06	2.38E-07	5.74E-06	1.27E-06	1.73E-06	2.74E-06	4.72E-07	2.63E-06	1.48E-05
2781	490510.04	3859460.04	1.91E-02	1.95E-02	1.86E-02	6.60E-06	1.99E-05	1.15E-05	1.18E-05	1.07E-05	4.77E-06	4.65E-06	2.20E-07	5.32E-06	1.17E-06	1.60E-06	2.54E-06	4.38E-07	2.44E-06	1.37E-05
2782	490560.04	3859460.04	1.77E-02	1.82E-02	1.73E-02	6.14E-06	1.85E-05	1.07E-05	1.10E-05	9.96E-06	4.44E-06	4.33E-06	2.05E-07	4.95E-06	1.09E-06	1.49E-06	2.37E-06	4.08E-07	2.27E-06	1.28E-05
2783	490610.04	3859460.04	1.64E-02	1.68E-02	1.60E-02	5.68E-06	1.71E-05	9.92E-06	1.02E-05	9.21E-06	4.10E-06	4.00E-06	1.90E-07	4.58E-06	1.01E-06	1.38E-06	2.19E-06	3.77E-07	2.10E-06	1.18E-05
2784	490660.04	3859460.04	1.51E-02	1.55E-02	1.47E-02	5.23E-06	1.58E-05	9.14E-06	9.35E-06	8.48E-06	3.78E-06	3.69E-06	1.75E-07	4.22E-06	9.30E-07	1.27E-06	2.01E-06	3.47E-07	1.93E-06	1.09E-05
2785	490710.04	3859460.04	1.40E-02	1.44E-02	1.37E-02	4.86E-06	1.47E-05	8.50E-06	8.70E-06	7.89E-06	3.52E-06	3.43E-06	1.62E-07	3.92E-06	8.65E-07	1.18E-06	1.87E-06	3.23E-07	1.80E-06	1.01E-05
2786	490760.04	3859460.04	1.30E-02	1.33E-02	1.27E-02	4.51E-06	1.36E-05	7.88E-06	8.06E-06	7.31E-06	3.26E-06	3.18E-06	1.50E-07	3.63E-06	8.02E-07	1.09E-06	1.74E-06	2.99E-07	1.67E-06	9.38E-06
2787	490810.04	3859460.04	1.21E-02	1.24E-02	1.18E-02	4.18E-06	1.26E-05	7.31E-06	7.49E-06	6.79E-06	3.02E-06	2.95E-06	1.40E-07	3.37E-06	7.45E-07	1.02E-06	1.61E-06	2.78E-07	1.55E-06	8.71E-06
2788	490860.04	3859460.04	1.16E-02	1.18E-02	1.13E-02	4.00E-06	1.21E-05	6.99E-06	7.15E-06	6.49E-06	2.89E-06	2.82E-06	1.34E-07	3.23E-06	7.12E-07	9.71E-07	1.54E-06	2.65E-07	1.48E-06	8.33E-06
2789	490360.04	3859510.04	3.03E-02	3.10E-02	2.96E-02	1.05E-05	3.17E-05	1.84E-05	1.88E-05	1.70E-05	7.59E-06	7.40E-06	3.51E-07	8.47E-06	1.87E-06	2.55E-06	4.05E-06	6.97E-07	3.89E-06	2.19E-05
2790	490410.04	3859510.04	2.74E-02	2.81E-02	2.67E-02	9.49E-06	2.86E-05	1.66E-05	1.70E-05	1.54E-05	6.86E-06	6.69E-06	3.17E-07	7.65E-06	1.69E-06	2.30E-06	3.66E-06	6.29E-07	3.51E-06	1.98E-05
2791	490460.04	3859510.04	2.48E-02	2.54E-02	2.42E-02	8.59E-06	2.59E-05	1.50E-05	1.54E-05	1.39E-05	6.21E-06	6.06E-06	2.87E-07	6.93E-06	1.53E-06	2.09E-06	3.31E-06	5.70E-07	3.18E-06	1.79E-05
2792	490510.04	3859510.04	2.28E-02	2.33E-02	2.22E-02	7.89E-06	2.38E-05	1.38E-05	1.41E-05	1.28E-05	5.71E-06	5.57E-06	2.64E-07	6.37E-06	1.41E-06	1.92E-06	3.04E-06	5.24E-07	2.92E-06	1.64E-05
2793	490560.04	3859510.04	2.11E-02	2.16E-02	2.05E-02	7.29E-06	2.20E-05	1.27E-05	1.30E-05	1.18E-05	5.27E-06	5.14E-06	2.43E-07	5.88E-06	1.30E-06	1.77E-06	2.81E-06	4.84E-07	2.70E-06	1.52E-05
2794	490610.04	3859510.04	1.94E-02	1.99E-02	1.89E-02	6.72E-06	2.03E-05	1.17E-05	1.20E-05	1.09E-05	4.86E-06	4.74E-06	2.24E-07	5.42E-06	1.20E-06	1.63E-06	2.59E-06	4.46E-07	2.49E-06	1.40E-05
2795	490660.04	3859510.04	1.79E-02	1.83E-02	1.75E-02	6.20E-06	1.87E-05	1.08E-05	1.11E-05	1.00E-05	4.48E-06	4.37E-06	2.07E-07	5.00E-06	1.10E-06	1.51E-06	2.39E-06	4.11E-07	2.29E-06	1.29E-05
2796	490710.04	3859510.04	1.65E-02	1.69E-02	1.61E-02	5.71E-06	1.72E-05	9.98E-06	1.02E-05	9.26E-06	4.13E-06	4.03E-06	1.91E-07	4.61E-06	1.02E-06	1.39E-06	2.20E-06	3.79E-07	2.11E-06	1.19E-05
2797	490760.04	3859510.04	1.53E-02	1.56E-02	1.49E-02	5.29E-06	1.60E-05	9.24E-06	9.46E-06	8.58E-06	3.82E-06	3.73E-06	1.77E-07	4.27E-06	9.41E-07	1.28E-06	2.04E-06	3.51E-07	1.96E-06	1.10E-05
2798	490810.04	3859510.04	1.43E-02	1.47E-02	1.40E-02	4.96E-06	1.50E-05	8.67E-06	8.87E-06	8.04E-06	3.59E-06	3.50E-06	1.66E-07	4.00E-06	8.83E-07	1.20E-06	1.91E-06	3.29E-07	1.84E-06	1.03E-05
2799	490860.04	3859510.04	1.34E-02	1.37E-02	1.30E-02	4.63E-06	1.40E-05	8.09E-06	8.28E-06	7.51E-06	3.35E-06	3.26E-06	1.55E-07	3.73E-06	8.24E-07	1.12E-06	1.78E-06	3.07E-07	1.71E-06	9.64E-06
2800	490360.04	3859560.04	3.94E-02	4.03E-02	3.84E-02	1.36E-05	4.12E-05	2.38E-05	2.44E-05	2.21E-05	9.86E-06	9.62E-06	4.55E-07	1.10E-05	2.43E-06	3.31E-06	5.26E-06	9.05E-07	5.05E-06	2.84E-05
2801	490410.04	3859560.04	3.52E-02	3.60E-02	3.43E-02	1.22E-05	3.67E-05	2.13E-05	2.18E-05	1.97E-05	8.80E-06	8.58E-06	4.06E-07	9.81E-06	2.17E-06	2.96E-06	4.69E-06	8.07E-07	4.50E-06	2.53E-05
2802	490460.04	3859560.04	3.17E-02	3.24E-02	3.09E-02	1.10E-05	3.31E-05	1.92E-05	1.96E-05	1.78E-05	7.93E-06	7.73E-06	3.66E-07	8.84E-06	1.95E-06	2.66E-06	4.23E-06	7.27E-07	4.06E-06	2.28E-05
2803	490510.04	3859560.04	2.81E-02	2.88E-02	2.74E-02	9.74E-06	2.94E-05	1.70E-05	1.74E-05	1.58E-05	7.04E-06	6.87E-06	3.25E-07	7.86E-06	1.73E-06	2.37E-06	3.75E-06	6.46E-07	3.60E-06	2.03E-05
2804	490560.04	3859560.04	2.58E-02	2.64E-02	2.51E-02	8.92E-06	2.69E-05	1.56E-05	1.60E-05	1.45E-05	6.45E-06	6.29E-06	2.98E-07	7.20E-06	1.59E-06	2.17E-06	3.44E-06	5.92E-07	3.30E-06	1.86E-05
2805	490610.04	3859560.04	2.35E-02	2.41E-02	2.29E-02	8.13E-06	2.46E-05	1.42E-05	1.46E-05	1.32E-05	5.88E-06	5.74E-06	2.72E-07	6.56E-06	1.45E-06	1.98E-06	3.13E-06	5.40E-07	3.01E-06	1.69E-05
2806	490660.04	3859560.04	2.16E-02	2.21E-02	2.10E-02	7.47E-06	2.25E-05	1.31E-05	1.34E-05	1.21E-05	5.40E-06	5.27E-06	2.49E-07	6.02E-06	1.33E-06	1.81E-06	2.88E-06	4.96E-07	2.76E-06	1.56E-05
2807	490710.04	3859560.04	1.98E-02	2.02E-02	1.93E-02	6.84E-06	2.07E-05	1.20E-05	1.22E-05	1.11E-05	4.95E-06	4.83E-06	2.29E-07	5.52E-06	1.22E-06	1.66E-06	2.64E-06	4.54E-07	2.53E-06	1.43E-05
2808	490760.04	3859560.04	1.80E-02	1.84E-02	1.75E-02	6.22E-06	1.88E-05	1.09E-05	1.11E-05	1.01E-05	4.50E-06	4.39E-06	2.08E-07	5.02E-06	1.11E-06	1.51E-06	2.40E-06	4.13E-07	2.30E-06	1.30E-05
2809	490810.04	3859560.04	1.66E-02	1.70E-02	1.62E-02	5.75E-06	1.74E-05	1.00E-05	1.03E-05	9.32E-06	4.16E-06	4.05E-06	1.92E-07	4.64E-06	1.02E-06	1.40E-06	2.22E-06	3.81E-07	2.13E-06	1.20E-05
2810	490860.04	3859560.04	1.53E-02	1.57E-02	1.50E-02	5.31E-06	1.60E-05	9.28E-06	9.50E-06	8.62E-06	3.84E-06	3.75E-06	1.77E-07	4.28E-06	9.45E-07	1.29E-06	2.05E-06	3.52E-07	1.97E-06	1.11E-05
2811	490187.25	3859422.08	2.91E-02	2.98E-02	2.84E-02	1.01E-05	3.04E-05	1.76E-05	1.80E-05	1.63E-05	7.28E-06	7.10E-06	3.36E-07	8.12E-06	1.79E-06	2.45E-06	3.88E-06	6.68E-07	3.73E-06	2.10E-05
2812	490237.25	3859422.08	2.64E-02	2.70E-02	2.58E-02	9.15E-06	2.76E-05	1.60E-05	1.64E-05	1.48E-05	6.61E-06	6.45E-06	3.05E-07	7.38E-06	1.63E-06	2.22E-06	3.53E-06	6.07E-07	3.39E-06	1.91E-05
2813	490287.25	3859422.08	2.41E-02	2.46E-02	2.35E-02	8.34E-06	2.52E-05	1.46E-05	1.49E-05	1.35E-05	6.03E-06	5.88E-06	2.78E-07	6.72E-06	1.48E-06	2.02E-06	3.21E-06	5.53E-07	3.08E-06	1.74E-05
2814	490337.25	3859422.08	2.19E-02	2.24E-02	2.14E-02	7.58E-06	2.29E-05	1.32E-05	1.36E-05	1.23E-05	5.48E-06	5.34E-06	2.53E-07	6.11E-06	1.35E-06	1.84E-06	2.92E-06	5.03E-07	2.80E-06	1.58E-05
2815	490187.25	3859472.08	3.59E-02	3.68E-02	3.50E-02	1.24E-05	3.76E-05	2.17E-05	2.23E-05	2.02E-05	8.99E-06	8.77E-06	4.15E-07	1.00E-05	2.21E-06	3.02E-06	4.79E-06	8.25E-07	4.60E-06	2.59E-05
2816	490237.25	3859472.08	3.24E-02	3.32E-02	3.16E-02	1.12E-05	3.39E-05	1.96E-05	2.01E-05	1.82E-05	8.11E-06	7.91E-06	3.75E-07	9.05E-06	2.00E-06	2.72E-06	4.32E-06	7.44E-07	4.15E-06	2.34E-05
2817	490287.25	3859472.08	2.92E-02	2.99E-02	2.85E-02	1.01E-05	3.06E-05	1.77E-05	1.81E-05	1.64E-05	7.32E-06	7.14E-06	3.38E-07	8.16E-06	1.80E-06	2.46E-06	3.90E-06	6.72E-07	3.75E-06	2.11E-05
2818	490337.25	3859472.08	2.66E-02	2.73E-02	2.60E-02	9.22E-06	2.78E-05	1.61E-05	1.65E-05	1.50E-05	6.67E-06	6.50E-06	3.08E-07	7.44E-06	1.64E-06	2.24E-06	3.55E-06	6.12E-07	3.41E-06	1.92E-05
2819	490297.07	3859500.42	3.26E-02	3.34E-02	3.18E-02	1.13E-05	3.41E-05	1.97E-05	2.02E-05	1.83E-05	8.17E-06	7.97E-06	3.77E-07	9.11E-06	2.01E-06	2.74E-06	4.35E-06	7.50E-07	4.18E-06	2.35E-05
2820	490327.07	3859500.42	3.09E-02	3.17E-02	3.02E-02	1.07E-05	3.23E-05	1.87E-05	1.92E-05	1.74E-05	7.74E-06	7.55E-06	3.58E-07	8.64E-06	1.91E-06	2.60E-06	4.13E-06	7.10E-07	3.96E-06	2.23E-05
2821	490297.07	3859530.42	3.83E-02	3.92E-02	3.73E-02	1.32E-05	4.00E-05	2.32E-05	2.37E-05	2.15E-05	9.58E-06	9.34E-06	4.42E-07	1.07E-05	2.36E-06	3.22E-06	5.10E-06	8.79E-07	4.90E-06	2.76E-05

2822	490327.07	3859530.42	3.59E-02	3.68E-02	3.50E-02	1.24E-05	3.75E-05	2.17E-05	2.22E-05	2.02E-05	8.99E-06	8.77E-06	4.15E-07	1.00E-05	2.21E-06	3.02E-06	4.79E-06	8.25E-07	4.60E-06	2.59E-05
2823	490319.73	3859055.34	8.91E-03	9.12E-03	8.69E-03	3.09E-06	9.32E-06	5.39E-06	5.52E-06	5.00E-06	2.23E-06	2.18E-06	1.03E-07	2.49E-06	5.49E-07	7.50E-07	1.19E-06	2.05E-07	1.14E-06	6.43E-06
2824	490319.73	3859105.34	9.88E-03	1.01E-02	9.63E-03	3.42E-06	1.03E-05	5.98E-06	6.12E-06	5.55E-06	2.47E-06	2.41E-06	1.14E-07	2.76E-06	6.09E-07	8.31E-07	1.32E-06	2.27E-07	1.27E-06	7.12E-06
2825	490069.73	3859155.34	1.49E-02	1.52E-02	1.45E-02	5.15E-06	1.56E-05	9.00E-06	9.21E-06	8.35E-06	3.72E-06	3.63E-06	1.72E-07	4.15E-06	9.17E-07	1.25E-06	1.98E-06	3.42E-07	1.91E-06	1.07E-05
2826	490119.73	3859155.34	1.40E-02	1.43E-02	1.37E-02	4.85E-06	1.46E-05	8.48E-06	8.68E-06	7.87E-06	3.51E-06	3.42E-06	1.62E-07	3.91E-06	8.63E-07	1.18E-06	1.87E-06	3.22E-07	1.79E-06	1.01E-05
2827	490269.73	3859155.34	1.19E-02	1.22E-02	1.16E-02	4.12E-06	1.24E-05	7.20E-06	7.37E-06	6.68E-06	2.98E-06	2.90E-06	1.38E-07	3.32E-06	7.33E-07	1.00E-06	1.59E-06	2.73E-07	1.52E-06	8.58E-06
2828	490319.73	3859155.34	1.11E-02	1.13E-02	1.08E-02	3.83E-06	1.16E-05	6.70E-06	6.86E-06	6.22E-06	2.77E-06	2.70E-06	1.28E-07	3.09E-06	6.82E-07	9.31E-07	1.48E-06	2.54E-07	1.42E-06	7.98E-06
2829	490069.73	3859205.34	1.73E-02	1.77E-02	1.69E-02	5.98E-06	1.81E-05	1.05E-05	1.07E-05	9.70E-06	4.33E-06	4.22E-06	2.00E-07	4.83E-06	1.06E-06	1.45E-06	2.31E-06	3.97E-07	2.21E-06	1.25E-05
2830	490119.73	3859205.34	1.63E-02	1.67E-02	1.59E-02	5.65E-06	1.71E-05	9.88E-06	1.01E-05	9.17E-06	4.09E-06	3.99E-06	1.89E-07	4.56E-06	1.01E-06	1.37E-06	2.18E-06	3.75E-07	2.09E-06	1.18E-05
2831	490169.73	3859205.34	1.53E-02	1.57E-02	1.49E-02	5.30E-06	1.60E-05	9.27E-06	9.49E-06	8.60E-06	3.83E-06	3.74E-06	1.77E-07	4.28E-06	9.44E-07	1.29E-06	2.04E-06	3.52E-07	1.96E-06	1.10E-05
2832	490219.73	3859205.34	1.42E-02	1.46E-02	1.39E-02	4.93E-06	1.49E-05	8.61E-06	8.82E-06	7.99E-06	3.56E-06	3.48E-06	1.65E-07	3.98E-06	8.77E-07	1.20E-06	1.90E-06	3.27E-07	1.82E-06	1.03E-05
2833	490269.73	3859205.34	1.31E-02	1.35E-02	1.28E-02	4.55E-06	1.37E-05	7.95E-06	8.14E-06	7.38E-06	3.29E-06	3.21E-06	1.52E-07	3.67E-06	8.10E-07	1.11E-06	1.75E-06	3.02E-07	1.68E-06	9.48E-06
2834	490319.73	3859205.34	1.23E-02	1.26E-02	1.20E-02	4.27E-06	1.29E-05	7.46E-06	7.64E-06	6.92E-06	3.09E-06	3.01E-06	1.42E-07	3.44E-06	7.60E-07	1.04E-06	1.64E-06	2.83E-07	1.58E-06	8.89E-06
2835	490069.73	3859255.34	2.00E-02	2.05E-02	1.95E-02	6.93E-06	2.09E-05	1.21E-05	1.24E-05	1.12E-05	5.01E-06	4.89E-06	2.31E-07	5.59E-06	1.23E-06	1.68E-06	2.67E-06	4.60E-07	2.57E-06	1.44E-05
2836	490119.73	3859255.34	1.87E-02	1.92E-02	1.83E-02	6.49E-06	1.96E-05	1.13E-05	1.16E-05	1.05E-05	4.69E-06	4.57E-06	2.17E-07	5.23E-06	1.15E-06	1.58E-06	2.50E-06	4.30E-07	2.40E-06	1.35E-05
2837	490169.73	3859255.34	1.75E-02	1.79E-02	1.71E-02	6.06E-06	1.83E-05	1.06E-05	1.08E-05	9.82E-06	4.38E-06	4.27E-06	2.02E-07	4.89E-06	1.08E-06	1.47E-06	2.33E-06	4.02E-07	2.24E-06	1.26E-05
2838	490219.73	3859255.34	1.62E-02	1.65E-02	1.58E-02	5.59E-06	1.69E-05	9.78E-06	1.00E-05	9.07E-06	4.04E-06	3.94E-06	1.87E-07	4.51E-06	9.96E-07	1.36E-06	2.16E-06	3.71E-07	2.07E-06	1.17E-05
2839	490269.73	3859255.34	1.49E-02	1.53E-02	1.46E-02	5.17E-06	1.56E-05	9.04E-06	9.26E-06	8.39E-06	3.74E-06	3.65E-06	1.73E-07	4.17E-06	9.21E-07	1.26E-06	1.99E-06	3.43E-07	1.91E-06	1.08E-05
2840	490319.73	3859255.34	1.39E-02	1.43E-02	1.36E-02	4.82E-06	1.46E-05	8.43E-06	8.63E-06	7.83E-06	3.49E-06	3.40E-06	1.61E-07	3.89E-06	8.59E-07	1.17E-06	1.86E-06	3.20E-07	1.79E-06	1.00E-05
2841	490069.73	3859305.34	2.34E-02	2.40E-02	2.29E-02	8.11E-06	2.45E-05	1.42E-05	1.45E-05	1.32E-05	5.86E-06	5.72E-06	2.71E-07	6.54E-06	1.44E-06	1.97E-06	3.13E-06	5.38E-07	3.00E-06	1.69E-05
2842	490119.73	3859305.34	2.18E-02	2.23E-02	2.12E-02	7.54E-06	2.28E-05	1.32E-05	1.35E-05	1.22E-05	5.45E-06	5.32E-06	2.52E-07	6.08E-06	1.34E-06	1.83E-06	2.91E-06	5.00E-07	2.79E-06	1.57E-05
2843	490169.73	3859305.34	2.02E-02	2.07E-02	1.97E-02	6.99E-06	2.11E-05	1.22E-05	1.25E-05	1.13E-05	5.05E-06	4.93E-06	2.33E-07	5.64E-06	1.24E-06	1.70E-06	2.69E-06	4.64E-07	2.59E-06	1.46E-05
2844	490219.73	3859305.34	1.86E-02	1.90E-02	1.81E-02	6.44E-06	1.94E-05	1.13E-05	1.15E-05	1.04E-05	4.66E-06	4.54E-06	2.15E-07	5.20E-06	1.15E-06	1.56E-06	2.48E-06	4.27E-07	2.38E-06	1.34E-05
2845	490269.73	3859305.34	1.72E-02	1.76E-02	1.67E-02	5.94E-06	1.79E-05	1.04E-05	1.06E-05	9.64E-06	4.30E-06	4.19E-06	1.98E-07	4.79E-06	1.06E-06	1.44E-06	2.29E-06	3.94E-07	2.20E-06	1.24E-05
2846	490319.73	3859305.34	1.58E-02	1.62E-02	1.54E-02	5.47E-06	1.65E-05	9.55E-06	9.78E-06	8.86E-06	3.95E-06	3.85E-06	1.83E-07	4.41E-06	9.73E-07	1.33E-06	2.11E-06	3.63E-07	2.02E-06	1.14E-05
2847	490069.73	3859355.34	2.81E-02	2.88E-02	2.74E-02	9.74E-06	2.94E-05	1.70E-05	1.74E-05	1.58E-05	7.04E-06	6.87E-06	3.25E-07	7.85E-06	1.73E-06	2.37E-06	3.75E-06	6.46E-07	3.60E-06	2.03E-05
2848	490119.73	3859355.34	2.58E-02	2.64E-02	2.52E-02	8.93E-06	2.70E-05	1.56E-05	1.60E-05	1.45E-05	6.46E-06	6.30E-06	2.98E-07	7.21E-06	1.59E-06	2.17E-06	3.44E-06	5.93E-07	3.31E-06	1.86E-05
2849	490169.73	3859355.34	2.37E-02	2.43E-02	2.31E-02	8.21E-06	2.48E-05	1.43E-05	1.47E-05	1.33E-05	5.93E-06	5.79E-06	2.74E-07	6.62E-06	1.46E-06	1.99E-06	3.16E-06	5.45E-07	3.04E-06	1.71E-05
2850	490219.73	3859355.34	2.17E-02	2.22E-02	2.12E-02	7.51E-06	2.27E-05	1.31E-05	1.34E-05	1.22E-05	5.43E-06	5.30E-06	2.51E-07	6.06E-06	1.34E-06	1.83E-06	2.90E-06	4.99E-07	2.78E-06	1.57E-05
2851	490269.73	3859355.34	1.99E-02	2.04E-02	1.94E-02	6.89E-06	2.08E-05	1.20E-05	1.23E-05	1.12E-05	4.98E-06	4.86E-06	2.30E-07	5.56E-06	1.23E-06	1.67E-06	2.66E-06	4.57E-07	2.55E-06	1.43E-05
2852	490319.73	3859355.34	1.83E-02	1.87E-02	1.78E-02	6.33E-06	1.91E-05	1.11E-05	1.13E-05	1.03E-05	4.57E-06	4.46E-06	2.11E-07	5.10E-06	1.13E-06	1.54E-06	2.44E-06	4.20E-07	2.34E-06	1.32E-05
2853	490069.73	3859405.34	3.45E-02	3.53E-02	3.37E-02	1.19E-05	3.61E-05	2.09E-05	2.14E-05	1.94E-05	8.64E-06	8.42E-06	3.99E-07	9.64E-06	2.13E-06	2.90E-06	4.60E-06	7.93E-07	4.42E-06	2.49E-05
2854	490119.73	3859405.34	3.11E-02	3.18E-02	3.03E-02	1.08E-05	3.25E-05	1.88E-05	1.93E-05	1.75E-05	7.78E-06	7.59E-06	3.59E-07	8.68E-06	1.92E-06	2.62E-06	4.15E-06	7.14E-07	3.98E-06	2.24E-05
2855	490169.73	3859405.34	2.82E-02	2.89E-02	2.75E-02	9.77E-06	2.95E-05	1.71E-05	1.75E-05	1.58E-05	7.06E-06	6.89E-06	3.26E-07	7.88E-06	1.74E-06	2.37E-06	3.77E-06	6.48E-07	3.62E-06	2.03E-05
2856	490219.73	3859405.34	2.57E-02	2.63E-02	2.51E-02	8.91E-06	2.69E-05	1.56E-05	1.59E-05	1.44E-05	6.44E-06	6.28E-06	2.97E-07	7.19E-06	1.59E-06	2.16E-06	3.43E-06	5.91E-07	3.30E-06	1.86E-05
2857	490269.73	3859405.34	2.34E-02	2.40E-02	2.28E-02	8.10E-06	2.45E-05	1.42E-05	1.45E-05	1.31E-05	5.86E-06	5.71E-06	2.71E-07	6.53E-06	1.44E-06	1.97E-06	3.12E-06	5.38E-07	3.00E-06	1.69E-05
2858	490319.73	3859405.34	2.12E-02	2.17E-02	2.07E-02	7.36E-06	2.22E-05	1.29E-05	1.32E-05	1.19E-05	5.32E-06	5.19E-06	2.46E-07	5.93E-06	1.31E-06	1.79E-06	2.83E-06	4.88E-07	2.72E-06	1.53E-05
2859	490161.89	3859541.83	5.87E-02	6.01E-02	5.73E-02	2.03E-05	6.14E-05	3.55E-05	3.64E-05	3.30E-05	1.47E-05	1.43E-05	6.79E-07	1.64E-05	3.62E-06	4.94E-06	7.83E-06	1.35E-06	7.52E-06	4.23E-05
2860	490171.89	3859541.83	5.70E-02	5.83E-02	5.55E-02	1.97E-05	5.95E-05	3.45E-05	3.53E-05	3.20E-05	1.43E-05	1.39E-05	6.58E-07	1.59E-05	3.51E-06	4.79E-06	7.60E-06	1.31E-06	7.30E-06	4.11E-05
2861	490161.89	3859551.83	6.42E-02	6.58E-02	6.27E-02	2.22E-05	6.72E-05	3.89E-05	3.98E-05	3.61E-05	1.61E-05	1.57E-05	7.43E-07	1.79E-05	3.96E-06	5.40E-06	8.57E-06	1.48E-06	8.23E-06	4.63E-05
2862	490171.89	3859551.83	6.21E-02	6.36E-02	6.06E-02	2.15E-05	6.49E-05	3.76E-05	3.85E-05	3.49E-05	1.55E-05	1.52E-05	7.18E-07	1.73E-05	3.83E-06	5.22E-06	8.28E-06	1.43E-06	7.95E-06	4.48E-05
2863	489799.72	3859348.21	5.44E-02	5.57E-02	5.31E-02	1.88E-05	5.69E-05	3.29E-05	3.37E-05	3.06E-05	1.36E-05	1.33E-05	6.29E-07	1.52E-05	3.35E-06	4.58E-06	7.26E-06	1.25E-06	6.97E-06	3.93E-05
2864	489819.72	3859348.21	5.06E-02	5.18E-02	4.94E-02	1.75E-05	5.29E-05	3.06E-05	3.14E-05	2.84E-05	1.27E-05	1.24E-05	5.85E-07	1.41E-05	3.12E-06	4.26E-06	6.75E-06	1.16E-06	6.49E-06	3.65E-05
2865	489799.72	3859368.21	6.36E-02	6.51E-02	6.20E-02	2.20E-05	6.64E-05	3.85E-05	3.94E-05	3.57E-05	1.59E-05	1.55E-05	7.35E-07	1.77E-05	3.92E-06	5.34E-06	8.48E-06	1.46E-06	8.14E-06	4.58E-05
2866	489819.72	3859368.21	5.84E-02	5.97E-02	5.69E-02	2.02E-05	6.10E-05	3.53E-05	3.61E-05	3.28E-05	1.46E-05	1.42E-05	6.75E-07	1.63E-05	3.60E-06	4.91E-06	7.79E-06	1.34E-06	7.48E-06	4.21E-05
2867	489775.41	3859329.72	5.24E-02	5.36E-02	5.11E-02	1.81E-05	5.47E-05	3.17E-05	3.24E-05	2.94E-05	1.31E-05	1.28E-05	6.05E-07	1.46E-05	3.23E-06	4.40E-06	6.98E-06	1.20E-06	6.71E-06	3.77E-05
2868	489795.41	3859329.72	4.88E-02	5.00E-02	4.76E-02	1.69E-05	5.10E-05	2.95E-05	3.02E-05	2.74E-05	1.22E-05	1.19E-05	5.64E-07	1.36E-05	3.01E-06	4.10E-06	6.51E-06	1.12E-06	6.25E-06	3.52E-05
2869	489775.41	3859349.72	6.07E-02	6.22E-02	5.92E-02	2.10E-05	6.35E-05	3.67E-05	3.76E-05	3.41E-05	1.52E-05	1.48E-05	7.02E-07	1.70E-05	3.74E-06	5.11E-06	8.10E-06	1.39E-06	7.78E-06	4.38E-05
2870	489795.41	3859349.72	5.60E-02	5.73E-02	5.46E-02	1.94E-05	5.85E-05	3.39E-05	3.47E-05	3.14E-05	1.40E-05	1.37E-05	6.47E-07	1.56E-05	3.45E-06	4.71E-06	7.47E-06	1.29E-06	7.17E-06	4.03E-05
2871	489595.05	3859219.43	4.69E-02	4.80E-02	4.57E-02	1.62E-05	4.90E-05	2.84E-05	2.90E-05	2.63E-05	1.17E-05	1.14E-05	5.42E-07	1.31E-05	2.89E-06	3.94E-06	6.25E-06	1.08E-06	6.00E-06	3.38E-05
2872	489615.05	3859219.43	4.39E-02	4.49E-02	4.28E-02	1.52E-05	4.58E-05	2.65E-05	2.72E-05	2.46E-05	1.10E-05	1.07E-05	5.07E-07	1.22E-05	2.70E-06	3.69E-06	5.85E-06	1.01E-06	5.62E-06	3.16E-05
2873	489595.05	3859239.43	5.40E-02	5.52E-02	5.26E-02	1.87E-05	5.64E-05	3.27E-05	3.34E-05	3.03E-05	1.35E-05	1.32E-05	6.24E-07	1.51E-05	3.33E-06	4.54E-06	7.20E-06	1.24E-06	6.91E-06	3.89E-05
2874	489615.05	3859239.43	5.00E-02	5.12E-02	4.88E-02	1.73E-05	5.23E-05	3.03E-05	3.10E-05	2.81E-05	1.25E-05	1.22E-05	5.79E-07	1.40E-05	3.08E-06	4.21E-06	6.68E-06	1.15E-06	6.41E-06	3.61E-05
2875	489372.4	3859092.58	4.26E-02	4.36E-02	4.15E-02	1.47E-05	4.45E-05	2.58E-05	2.64E-05	2.39E-05	1.07E-05	1.04E-05	4.92E-07	1.19E-05	2.62E-06	3.58E-06	5.68E-06	9.77E-07	5.45E-06	3.07E-05
2876	489422.4	3859092.58	3.64E-02	3.73E-02	3.55E-02	1.26E-05	3.80E-05	2.20E-05	2.25E-05	2.04E-05	9.11E-06	8.88E-06	4.21E-07	1.02E-05	2.24E-06	3.06E-06	4.85E-06	8.36E-07	4.66E-06	2.62E-05
2877	489372.4	3859142.58	6.22E-02	6.37E-02	6.07E-02	2.15E-05	6.50E-05	3.76E-05	3.85E-05	3.49E-05	1.56E-05	1.52E-05	7.19E-07	1.74E-05	3.83E-06	5.23E-06	8.30E-06	1.43E-06	7.97E-06	4.49E-05
2878	489422.4	3859142.58	5.05E-02	5.17E-02	4.93E-02	1.75E-05	5.28E-05	3.06E-05	3.13E-05	2.84E-05	1.27E-05	1.23E-05	5.84E-07	1.41E-05	3.11E-06	4.25E-06	6.74E-06	1.16E-06	6.48E-06	3.64E-05
2879	488870.84	3858666.64	3.55E-03	3.63E-03	3.46E-03	1.23E-06	3.71E-06	2.15E-06	2.20E-06	1.99E-06	8.89E-07	8.67E-07	4.10E-08	9.91E-07	2.19E-07	2.99E-07	4.74E-07	8.16E-08	4.55E-07	2.56E-06
2880	488900.84	3858666.64	3.55E-03	3.63E-03	3.46E-03	1.23E-06	3.71E-06	2.15E-06	2.20E-06	1.99E-06	8.89E-07	8.67E-07	4.10E-08	9.92E-07	2.19E-07	2.99E-07	4.74E-07	8.16E-08	4.55E-07	2.56E-06
2881	488870.84	3858696.64	3.95E-03	4.04E-03	3.85E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	9.88E-07	9.64E-07	4.56E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.07E-08	5.06E-07	2.85E-06
2882	488900.84	3858696.64	3.95E-03	4.04E-03	3.85E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	9.88E-07	9.64E-07	4.57E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.07E-08	5.06E-07	2.85E-06
2883	488889.67	3858683.97	3.77E-03	3.86E-03	3.68E-03	1.31E-06	3.94E-06	2.28E-06	2.33E-06	2.12E-06	9.44E-07	9.20E-07	4.36E-08	1.05E-06	2.32E-07	3.17E-07	5.03E-07	8.66E-08	4.83E-07	2.72E-06
2884	488919.67	3858683.97	3.77E-03	3.86E-03	3.67E-03	1.30E-06	3.94E-06	2.28E-06	2.33E-06	2.12E-06	9.43E-07	9.20E-07	4.36E-08	1.05E-06	2.32E-07	3.17E-07	5.03E-07	8.65E-08	4.83E-07	2.72E-06
2885	488889.67	3858713.97	4.23E-03	4.33E-03	4.13E-03	1.46E-06	4.42E-06	2.56E-06	2.62E-06	2.38E-06	1.06E-06	1.03E-06	4.89E-08	1.18E-06	2.61E-07	3.56E-07	5.64E-07	9.72E-08	5.42E-07	3.05E-06
2886	488919.67	3858713.97	4.23E-03	4.33E-03	4.12E-03	1.46E-06	4.42E-06	2.56E-06	2.62E-06	2.37E-06	1.06E-06	1.03E-06	4.89E-08	1.18E-06	2.61E-07	3.56E-07	5.64E-07	9.71E-08	5.42E-07	3.05E-06
2887	488906.61	3858703.33	4.05E-03	4.15E-03	3.95E-03	1.40E-06	4.24E-06	2.45E-06	2.51E-06	2.28E-06	1.01E-06	9.89E-07	4.68E-08	1.13E-06	2.50E-07	3.41E-07	5.41E-07	9.31E-08	5.19E-07	2.92E-06
2888	488936.61	3858703.33	4.05E-03	4.14E-03	3.95E-03	1.40E-06	4.23E-06	2.45E-06	2.51E-06	2.27E-06	1.01E-06	9.88E-07	4.68E-08	1.13E-06	2.49E-07	3.41E-07	5.40E-07	9.30E-08	5.19E-07	2.92E-06
2889	488906.61	3858733.33	4.60E-03	4.71E-03	4.49E-03	1.59E-06	4.81E-06	2.79E-06	2.85E-06	2.58E-06	1.15E-06	1.12E-06	5.32E-08	1.29E-06	2.84E-07	3.87E-07	6.14E-07	1.06E-07	5.90E-07	3.32E-06
2890	488936.61	3858733.33	4.60E-03	4.71E-03	4.49E-03	1.59E-06	4.81E-06	2.79E-06	2.85E-06	2.59E-06	1.15E-06	1.12E-06	5.32E-08	1.29E-06	2.84E-07	3.87E-07	6.14E-07	1.06E-07	5.90E-07	3.32E-06
2891	488637.63	3858467.85	2.14E-03	2.19E-03	2.08E-03	7.40E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.35E-07	5.21E-07	2.47E-08	5.96E-07	1.32E-07	1.80E-07	2.85E-07	4.91E-08	2.74E-07	1.54E-06
2892	488662.63	3858467.85	2.15E-03	2.20E-03	2.09E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.20E-06	5.37E-07	5.24E-07	2.48E-08	5.99E-07	1.32E-07	1.80E-07	2.86E-07	4.93E-08	2.75E-07	1.55E-06
2893	488637.63	3858492.85	2.23E-03	2.28E-03	2.17E-03	7.71E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.58E-07	5.44E-07	2.58E-08	6.22E-07	1.37E-07	1.87E-07	2.97E-07	5.12E-08	2.85E-07	1.61E-06
2894	488662.63	3858492.85	2.24E-03	2.29E-03	2.19E-03	7.76E-07	2.34E-06	1.36E-06	1.39E-06	1.26E-06	5.61E-07	5.47E-07	2.59E-08	6.26E-07	1.38E-07	1.88E-07	2.99E-07	5.15E-08	2.87E-07	1.62E-06
2895	488687.63	3858492.85	2.25E-03	2.30E-03	2.19E-03	7.79E-07	2.35E-06	1.36E-06	1.39E-06	1.26E-06	5.63E-07	5.49E-07	2.60E-08	6.28E-07	1.39E-07	1.89E-07	3.00E-07	5.17E-08	2.88E-07	1.62E-06
2896	488637.63	3858517.85	2.33E-03	2.38E-03	2.27E-03	8.06E-07	2.43E-06	1.41E-06	1.44E-06	1.31E-06	5.82E-07	5.68E-07	2.69E-08	6.50E-07	1.43E-07	1.96E-07	3.10E-07	5.35E-08	2.98E-07	1.68E-06
2897	488662.63	3858517.85	2.34E-03	2.40E-03	2.29E-03	8.12E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	5.87E-07	5.72E-07	2.71E-08	6.55E-07	1.44E-07	1.97E-07	3.13E-07	5.38E-08	3.00E-07	1.69E-06
2898	488687.63	3858517.85	2.36E-03	2.41E-03	2.30E-03	8.16E-07	2.46E-06	1.43E-06	1.46E-06	1.32E-06	5.90E-07	5.75E-07	2.72E-08	6.58E-07	1.45E-07	1.98E-07	3.14E-07	5.41E-08	3.02E-07	1.70E-06
2899	488194.42	3857168.98	8.14E-04	8.33E-04	7.94E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.41E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07
2900	488244.42	3857168.98	8.18E-04	8.37E-04	7.97E-04	2.83E-07	8.55E-07	4.95E-07	5.06E-07	4.59E-07	2.05E-07	2.00E-07	9.45E-09	2.28E-07	5.04E-08	6.88E-08	1.09E-07	1.88E-08	1.05E-07	5.89E-07
2901	488294.42	3857168.98	8.20E-04	8.39E-04	7.99E-04	2.84E-07	8.57E-07	4.96E-07	5.08E-07	4.60E-07	2.05E-07	2.00E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.88E-08	1.05E-07	5.91E-07
2902	488244.42	3857218.98	8.24E-04	8.44E-04	8.04E-04	2.85E-07	8.62E-07	4.99E-07	5.11E-07	4.63E-07	2.06E-07	2.01E-07	9.53E-09	2.30E-07	5.08E-08	6.93E-08	1.10E-07	1.89E-08	1.06E-07	5.94E-07
2903	488294.42	3857218.98	8.28E-04	8.47E-04	8.07E-04	2.87E-07	8.65E-07	5.01E-07	5.13E-07	4.65E-07	2.07E-07	2.02E-07	9.57E-09	2.31E-07	5.10E-08	6.96E-08	1.10E-07	1.90E-08	1.06E-07	5.97E-07
2904	488294.42	3857268.98	8.37E-04	8.57E-04	8.17E-04	2.90E-07	8.75E-07	5.07E-07	5.19E-07	4.70E-07	2.10E-07	2.04E-07	9.68E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.92E-08	1.07E-07	6.04E-07
2905	488139.13	3857111.68	8.04E-04	8.23E-04	7.84E-04	2.78E-07	8.40E-07	4.86E-07	4.98E-07	4.51E-07	2.01E-07	1.96E-07	9.29E-09	2.24E-07	4.95E-08	6.76E-08	1.07E-07	1.85E-08	1.03E-07	5.80E-07
2906	488189.13	3857111.68	8.08E-04	8.27E-04	7.88E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.02E-07	1.97E-07	9.34E-09	2.26E-07	4.98E-08	6.80E-08	1.08E-07	1.86E-08	1.04E-07	5.83E-07
2907	488189.13	3857161.68	8.12E-04	8.32E-04	7.92E-04	2.81E-07	8.49E-07	4.92E-07	5.03E-07	4.56E-07	2.03E-07	1.98E-07	9.39E-09	2.27E-07	5.01E-08	6.83E-08	1.08E-07	1.87E-08	1.04E-07	5.86E-07
2908	487951.04	3856961.26	7.84E-04	8.03E-04	7.65E-04	2.72E-07	8.20E-07	4.75E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.07E-09	2.19E-07	4.83E-08	6.60E-08	1.05E-07	1.80E-08	1.00E-07	5.66E-07
2909	488001.04	3856961.26	7.86E-04	8.05E-04	7.67E-04	2.72E-07	8.22E-07	4.76E-07	4.87E-07	4.42E-07	1.97E-07	1.92E-07	9.09E-09	2.20E-07	4.85E-08	6.61E-08	1.05E-07	1.81E-08	1.01E-07	5.67E-07
2910	488051.04	3856961.26	7.85E-04	8.04E-04	7.66E-04	2.72E-07	8.21E-07	4.75E-07	4.86E-07	4.41E-07	1.97E-07	1.92E-07	9.08E-09	2.19E-07	4.84E-08	6.60E-08	1.05E-07	1.80E-08	1.01E-07	5.66E-07
2911	488101.04	3856961.26	7.89E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.13E-09	2.20E-07	4.86E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
2912	487951.04	3857011.26	7.90E-04	8.09E-04	7.70E-04	2.73E-07	8.26E-07	4.78E-07	4.89E-07	4.44E-07	1.98E-07	1.93E-07	9.13E-09	2.21E-07	4.87E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.70E-07
2913	488001.04	3857011.26	7.90E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.13E-09	2.21E-07	4.87E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
2914	488051.04	3857011.26	7.89E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.12E-09	2.20E-07	4.86E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
2915	488101.04	3857011.26	7.94E-04	8.13E-04	7.74E-04	2.75E-07	8.30E-07	4.80E-07	4.92E-07	4.46E-07	1.99E-07	1.94E-07	9.18E-09	2.22E-07	4.89E-08	6.68E-08	1.06E-07	1.82E-08	1.02E-07	5.72E-07
2916	488001.04	3857061.26	7.94E-04	8.13E-04	7.75E-04	2.75E-07	8.30E-07	4.81E-07	4.92E-07	4.46E-07	1.99E-07	1.94E-07	9.18E-09	2.22E-07	4.89E-08	6.68E-08	1.06E-07	1.82E-08	1.02E-07	5.73E-07
2917	488051.04	3857061.26	7.96E-04	8.15E-04	7.77E-04	2.76E-07	8.32E-07	4.82E-07	4.93E-07	4.47E-07	1.99E-07	1.94E-07	9.21E-09	2.22E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.74E-07
2918	488101.04	3857061.26	7.99E-04	8.18E-04	7.79E-04	2.77E-07	8.35E-07	4.84E-07	4.95E-07	4.49E-07	2.00E-07	1.95E-07	9.24E-09	2.23E-07	4.92E-08	6.72E-08	1.07E-07	1.84E-08	1.02E-07	5.76E-07
2919	487638.98	3856673.79	7.57E-04	7.74E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.89E-07	1.85E-07	8.75E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
2920	487688.98	3856673.79	7.59E-04	7.77E-04	7.41E-04	2.63E-07	7.94E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.78E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.74E-08	9.73E-08	5.47E-07
2921	487638.98	3856723.79	7.58E-04	7.76E-04	7.39E-04	2.62E-07	7.92E-07	4.59E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
2922	487688.98	3856723.79	7.60E-04	7.78E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.75E-08	9.74E-08	5.48E-07

2923	486324.61	3855740.57	8.23E-04	8.43E-04	8.03E-04	2.85E-07	8.60E-07	4.98E-07	5.10E-07	4.62E-07	2.06E-07	2.01E-07	9.51E-09	2.30E-07	5.07E-08	6.92E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
2924	486374.61	3855740.57	8.13E-04	8.32E-04	7.93E-04	2.81E-07	8.49E-07	4.92E-07	5.03E-07	4.56E-07	2.03E-07	1.98E-07	9.39E-09	2.27E-07	5.01E-08	6.83E-08	1.08E-07	1.87E-08	1.04E-07	5.86E-07
2925	486424.61	3855740.57	8.09E-04	8.28E-04	7.89E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.02E-07	1.97E-07	9.35E-09	2.26E-07	4.98E-08	6.80E-08	1.08E-07	1.86E-08	1.04E-07	5.83E-07
2926	486324.61	3855790.57	8.15E-04	8.34E-04	7.95E-04	2.82E-07	8.52E-07	4.93E-07	5.05E-07	4.58E-07	2.04E-07	1.99E-07	9.42E-09	2.28E-07	5.02E-08	6.85E-08	1.09E-07	1.87E-08	1.04E-07	5.88E-07
2927	486374.61	3855790.57	8.05E-04	8.24E-04	7.86E-04	2.79E-07	8.42E-07	4.87E-07	4.99E-07	4.52E-07	2.02E-07	1.97E-07	9.31E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.85E-08	1.03E-07	5.81E-07
2928	486424.61	3855790.57	8.04E-04	8.23E-04	7.84E-04	2.78E-07	8.40E-07	4.86E-07	4.98E-07	4.51E-07	2.01E-07	1.96E-07	9.29E-09	2.24E-07	4.95E-08	6.76E-08	1.07E-07	1.85E-08	1.03E-07	5.80E-07
2929	486324.61	3855840.57	8.07E-04	8.26E-04	7.87E-04	2.79E-07	8.44E-07	4.89E-07	5.00E-07	4.53E-07	2.02E-07	1.97E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.85E-08	1.03E-07	5.82E-07
2930	486374.61	3855840.57	8.04E-04	8.23E-04	7.85E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.01E-07	1.96E-07	9.30E-09	2.25E-07	4.96E-08	6.76E-08	1.07E-07	1.85E-08	1.03E-07	5.80E-07
2931	486424.61	3855840.57	8.00E-04	8.19E-04	7.80E-04	2.77E-07	8.36E-07	4.84E-07	4.95E-07	4.49E-07	2.00E-07	1.95E-07	9.24E-09	2.23E-07	4.93E-08	6.72E-08	1.07E-07	1.84E-08	1.02E-07	5.77E-07
2932	486324.61	3855890.57	8.07E-04	8.26E-04	7.87E-04	2.79E-07	8.43E-07	4.88E-07	5.00E-07	4.53E-07	2.02E-07	1.97E-07	9.33E-09	2.25E-07	4.97E-08	6.79E-08	1.08E-07	1.85E-08	1.03E-07	5.82E-07
2933	486374.61	3855890.57	8.03E-04	8.22E-04	7.83E-04	2.78E-07	8.39E-07	4.86E-07	4.97E-07	4.51E-07	2.01E-07	1.96E-07	9.28E-09	2.24E-07	4.95E-08	6.75E-08	1.07E-07	1.84E-08	1.03E-07	5.79E-07
2934	486424.61	3855890.57	7.97E-04	8.16E-04	7.77E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.47E-07	1.99E-07	1.95E-07	9.21E-09	2.23E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
2935	488735.69	3858285.64	1.66E-03	1.70E-03	1.62E-03	5.75E-07	1.74E-06	1.00E-06	1.03E-06	9.32E-07	4.15E-07	4.05E-07	1.92E-08	4.64E-07	1.02E-07	1.40E-07	2.21E-07	3.81E-08	2.13E-07	1.20E-06
2936	488765.69	3858285.64	1.67E-03	1.70E-03	1.62E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.35E-07	4.17E-07	4.06E-07	1.92E-08	4.65E-07	1.03E-07	1.40E-07	2.22E-07	3.82E-08	2.13E-07	1.20E-06
2937	488735.69	3858315.64	1.72E-03	1.76E-03	1.68E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.68E-07	4.31E-07	4.21E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
2938	488765.69	3858315.64	1.73E-03	1.77E-03	1.69E-03	5.99E-07	1.81E-06	1.05E-06	1.07E-06	9.71E-07	4.33E-07	4.22E-07	2.00E-08	4.83E-07	1.07E-07	1.45E-07	2.31E-07	3.97E-08	2.22E-07	1.25E-06
2939	478676.63	3849871.93	1.80E-02	1.84E-02	1.75E-02	6.22E-06	1.88E-05	1.09E-05	1.11E-05	1.01E-05	4.50E-06	4.39E-06	2.08E-07	5.02E-06	1.11E-06	1.51E-06	2.40E-06	4.13E-07	2.30E-06	1.30E-05
2940	479326.63	3849871.93	1.11E-02	1.13E-02	1.08E-02	3.83E-06	1.16E-05	6.70E-06	6.86E-06	6.22E-06	2.77E-06	2.70E-06	1.28E-07	3.09E-06	6.82E-07	9.31E-07	1.48E-06	2.54E-07	1.42E-06	7.98E-06
2941	479376.63	3849871.93	1.08E-02	1.10E-02	1.05E-02	3.72E-06	1.12E-05	6.51E-06	6.66E-06	6.04E-06	2.69E-06	2.62E-06	1.24E-07	3.00E-06	6.62E-07	9.04E-07	1.43E-06	2.47E-07	1.38E-06	7.75E-06
2942	479426.63	3849871.93	1.05E-02	1.08E-02	1.03E-02	3.64E-06	1.10E-05	6.36E-06	6.51E-06	5.90E-06	2.63E-06	2.57E-06	1.22E-07	2.94E-06	6.48E-07	8.84E-07	1.40E-06	2.41E-07	1.35E-06	7.58E-06
2943	478726.63	3849921.93	1.88E-02	1.92E-02	1.83E-02	6.51E-06	1.96E-05	1.14E-05	1.16E-05	1.06E-05	4.70E-06	4.59E-06	2.17E-07	5.25E-06	1.16E-06	1.58E-06	2.51E-06	4.32E-07	2.41E-06	1.36E-05
2944	478776.63	3849921.93	1.80E-02	1.84E-02	1.76E-02	6.23E-06	1.88E-05	1.09E-05	1.12E-05	1.01E-05	4.51E-06	4.40E-06	2.08E-07	5.03E-06	1.11E-06	1.51E-06	2.40E-06	4.14E-07	2.31E-06	1.30E-05
2945	478826.63	3849921.93	1.73E-02	1.77E-02	1.68E-02	5.97E-06	1.80E-05	1.04E-05	1.07E-05	9.69E-06	4.32E-06	4.21E-06	2.00E-07	4.82E-06	1.06E-06	1.45E-06	2.30E-06	3.96E-07	2.21E-06	1.24E-05
2946	478976.63	3849921.93	1.53E-02	1.57E-02	1.49E-02	5.30E-06	1.60E-05	9.26E-06	9.48E-06	8.59E-06	3.83E-06	3.74E-06	1.77E-07	4.27E-06	9.43E-07	1.29E-06	2.04E-06	3.51E-07	1.96E-06	1.10E-05
2947	479026.63	3849921.93	1.48E-02	1.52E-02	1.45E-02	5.13E-06	1.55E-05	8.97E-06	9.18E-06	8.32E-06	3.71E-06	3.62E-06	1.71E-07	4.14E-06	9.13E-07	1.25E-06	1.98E-06	3.40E-07	1.90E-06	1.07E-05
2948	479076.63	3849921.93	1.43E-02	1.46E-02	1.40E-02	4.95E-06	1.50E-05	8.66E-06	8.86E-06	8.03E-06	3.58E-06	3.49E-06	1.65E-07	4.00E-06	8.82E-07	1.20E-06	1.91E-06	3.29E-07	1.83E-06	1.03E-05
2949	479126.63	3849921.93	1.38E-02	1.41E-02	1.35E-02	4.78E-06	1.44E-05	8.36E-06	8.55E-06	7.75E-06	3.46E-06	3.37E-06	1.60E-07	3.86E-06	8.51E-07	1.16E-06	1.84E-06	3.17E-07	1.77E-06	9.96E-06
2950	479176.63	3849921.93	1.34E-02	1.37E-02	1.31E-02	4.63E-06	1.40E-05	8.10E-06	8.29E-06	7.51E-06	3.35E-06	3.27E-06	1.55E-07	3.74E-06	8.25E-07	1.13E-06	1.79E-06	3.07E-07	1.71E-06	9.65E-06
2951	479226.63	3849921.93	1.28E-02	1.31E-02	1.25E-02	4.44E-06	1.34E-05	7.77E-06	7.95E-06	7.21E-06	3.21E-06	3.13E-06	1.48E-07	3.58E-06	7.91E-07	1.08E-06	1.71E-06	2.95E-07	1.64E-06	9.25E-06
2952	479276.63	3849921.93	1.21E-02	1.24E-02	1.18E-02	4.19E-06	1.27E-05	7.33E-06	7.50E-06	6.80E-06	3.03E-06	2.96E-06	1.40E-07	3.38E-06	7.46E-07	1.02E-06	1.62E-06	2.78E-07	1.55E-06	8.73E-06
2953	479326.63	3849921.93	1.21E-02	1.24E-02	1.18E-02	4.19E-06	1.26E-05	7.32E-06	7.49E-06	6.79E-06	3.03E-06	2.95E-06	1.40E-07	3.38E-06	7.45E-07	1.02E-06	1.61E-06	2.78E-07	1.55E-06	8.72E-06
2954	479376.63	3849921.93	1.14E-02	1.17E-02	1.12E-02	3.96E-06	1.20E-05	6.92E-06	7.08E-06	6.42E-06	2.86E-06	2.79E-06	1.32E-07	3.19E-06	7.04E-07	9.61E-07	1.53E-06	2.63E-07	1.46E-06	8.24E-06
2955	479426.63	3849921.93	1.13E-02	1.16E-02	1.10E-02	3.92E-06	1.18E-05	6.85E-06	7.02E-06	6.36E-06	2.83E-06	2.76E-06	1.31E-07	3.16E-06	6.98E-07	9.53E-07	1.51E-06	2.60E-07	1.45E-06	8.17E-06
2956	478726.63	3849971.93	2.06E-02	2.11E-02	2.01E-02	7.14E-06	2.16E-05	1.25E-05	1.28E-05	1.16E-05	5.16E-06	5.04E-06	2.38E-07	5.76E-06	1.27E-06	1.73E-06	2.75E-06	4.74E-07	2.64E-06	1.49E-05
2957	478776.63	3849971.93	1.97E-02	2.02E-02	1.92E-02	6.82E-06	2.06E-05	1.19E-05	1.22E-05	1.11E-05	4.93E-06	4.81E-06	2.28E-07	5.50E-06	1.21E-06	1.66E-06	2.63E-06	4.52E-07	2.52E-06	1.42E-05
2958	478826.63	3849971.93	1.88E-02	1.93E-02	1.83E-02	6.51E-06	1.97E-05	1.14E-05	1.16E-05	1.06E-05	4.71E-06	4.59E-06	2.17E-07	5.25E-06	1.16E-06	1.58E-06	2.51E-06	4.32E-07	2.41E-06	1.36E-05
2959	478976.63	3849971.93	1.66E-02	1.70E-02	1.62E-02	5.76E-06	1.74E-05	1.01E-05	1.03E-05	9.34E-06	4.17E-06	4.06E-06	1.92E-07	4.65E-06	1.03E-06	1.40E-06	2.22E-06	3.82E-07	2.13E-06	1.20E-05
2960	479026.63	3849971.93	1.60E-02	1.64E-02	1.56E-02	5.53E-06	1.67E-05	9.67E-06	9.90E-06	8.97E-06	4.00E-06	3.90E-06	1.85E-07	4.46E-06	9.85E-07	1.34E-06	2.13E-06	3.67E-07	2.05E-06	1.15E-05
2961	479076.63	3849971.93	1.54E-02	1.57E-02	1.50E-02	5.32E-06	1.61E-05	9.29E-06	9.51E-06	8.62E-06	3.84E-06	3.75E-06	1.78E-07	4.29E-06	9.46E-07	1.29E-06	2.05E-06	3.53E-07	1.97E-06	1.11E-05
2962	479126.63	3849971.93	1.48E-02	1.52E-02	1.44E-02	5.12E-06	1.55E-05	8.96E-06	9.17E-06	8.31E-06	3.71E-06	3.61E-06	1.71E-07	4.13E-06	9.12E-07	1.24E-06	1.97E-06	3.40E-07	1.90E-06	1.07E-05
2963	479176.63	3849971.93	1.43E-02	1.46E-02	1.40E-02	4.95E-06	1.50E-05	8.66E-06	8.86E-06	8.03E-06	3.58E-06	3.49E-06	1.65E-07	3.99E-06	8.81E-07	1.20E-06	1.91E-06	3.29E-07	1.83E-06	1.03E-05
2964	479226.63	3849971.93	1.34E-02	1.37E-02	1.31E-02	4.64E-06	1.40E-05	8.11E-06	8.30E-06	7.52E-06	3.35E-06	3.27E-06	1.55E-07	3.74E-06	8.26E-07	1.13E-06	1.79E-06	3.08E-07	1.72E-06	9.66E-06
2965	479276.63	3849971.93	1.32E-02	1.36E-02	1.29E-02	4.58E-06	1.38E-05	8.01E-06	8.20E-06	7.43E-06	3.31E-06	3.23E-06	1.53E-07	3.70E-06	8.16E-07	1.11E-06	1.77E-06	3.04E-07	1.70E-06	9.55E-06
2966	479326.63	3849971.93	1.30E-02	1.33E-02	1.27E-02	4.50E-06	1.36E-05	7.86E-06	8.05E-06	7.30E-06	3.25E-06	3.17E-06	1.50E-07	3.63E-06	8.01E-07	1.09E-06	1.73E-06	2.99E-07	1.67E-06	9.37E-06
2967	479376.63	3849971.93	1.23E-02	1.26E-02	1.20E-02	4.27E-06	1.29E-05	7.47E-06	7.65E-06	6.93E-06	3.09E-06	3.01E-06	1.43E-07	3.45E-06	7.61E-07	1.04E-06	1.65E-06	2.84E-07	1.58E-06	8.90E-06
2968	479426.63	3849971.93	1.21E-02	1.23E-02	1.18E-02	4.18E-06	1.26E-05	7.30E-06	7.47E-06	6.77E-06	3.02E-06	2.94E-06	1.39E-07	3.37E-06	7.43E-07	1.01E-06	1.61E-06	2.77E-07	1.55E-06	8.70E-06
2969	478726.63	3850021.93	2.29E-02	2.34E-02	2.23E-02	7.92E-06	2.39E-05	1.38E-05	1.42E-05	1.28E-05	5.72E-06	5.58E-06	2.64E-07	6.38E-06	1.41E-06	1.92E-06	3.05E-06	5.25E-07	2.93E-06	1.65E-05
2970	478776.63	3850021.93	2.17E-02	2.22E-02	2.12E-02	7.51E-06	2.27E-05	1.31E-05	1.34E-05	1.22E-05	5.43E-06	5.30E-06	2.51E-07	6.06E-06	1.34E-06	1.82E-06	2.89E-06	4.98E-07	2.78E-06	1.56E-05
2971	478826.63	3850021.93	2.07E-02	2.11E-02	2.01E-02	7.15E-06	2.16E-05	1.25E-05	1.28E-05	1.16E-05	5.17E-06	5.04E-06	2.39E-07	5.77E-06	1.27E-06	1.74E-06	2.76E-06	4.74E-07	2.65E-06	1.49E-05
2972	478976.63	3850021.93	1.81E-02	1.85E-02	1.76E-02	6.25E-06	1.89E-05	1.09E-05	1.12E-05	1.01E-05	4.52E-06	4.41E-06	2.09E-07	5.04E-06	1.11E-06	1.52E-06	2.41E-06	4.15E-07	2.31E-06	1.30E-05
2973	478726.63	3850071.93	2.57E-02	2.63E-02	2.50E-02	8.89E-06	2.68E-05	1.55E-05	1.59E-05	1.44E-05	6.43E-06	6.27E-06	2.97E-07	7.17E-06	1.58E-06	2.16E-06	3.43E-06	5.90E-07	3.29E-06	1.85E-05
2974	478776.63	3850071.93	2.42E-02	2.48E-02	2.36E-02	8.38E-06	2.53E-05	1.46E-05	1.50E-05	1.36E-05	6.06E-06	5.91E-06	2.80E-07	6.76E-06	1.49E-06	2.04E-06	3.23E-06	5.56E-07	3.10E-06	1.75E-05
2975	478826.63	3850071.93	2.29E-02	2.35E-02	2.23E-02	7.93E-06	2.40E-05	1.39E-05	1.42E-05	1.29E-05	5.74E-06	5.59E-06	2.65E-07	6.40E-06	1.41E-06	1.93E-06	3.06E-06	5.26E-07	2.94E-06	1.65E-05
2976	478876.63	3850071.93	2.18E-02	2.23E-02	2.12E-02	7.53E-06	2.27E-05	1.32E-05	1.35E-05	1.22E-05	5.44E-06	5.31E-06	2.51E-07	6.07E-06	1.34E-06	1.83E-06	2.90E-06	5.00E-07	2.79E-06	1.57E-05
2977	478976.63	3850071.93	1.98E-02	2.02E-02	1.93E-02	6.84E-06	2.07E-05	1.20E-05	1.22E-05	1.11E-05	4.95E-06	4.83E-06	2.29E-07	5.52E-06	1.22E-06	1.66E-06	2.64E-06	4.54E-07	2.53E-06	1.43E-05
2978	478726.63	3850121.93	2.93E-02	3.00E-02	2.86E-02	1.02E-05	3.07E-05	1.78E-05	1.82E-05	1.65E-05	7.35E-06	7.16E-06	3.39E-07	8.19E-06	1.81E-06	2.47E-06	3.91E-06	6.74E-07	3.76E-06	2.12E-05
2979	478776.63	3850121.93	2.74E-02	2.80E-02	2.67E-02	9.48E-06	2.86E-05	1.66E-05	1.70E-05	1.54E-05	6.86E-06	6.69E-06	3.17E-07	7.65E-06	1.69E-06	2.30E-06	3.65E-06	6.29E-07	3.51E-06	1.98E-05
2980	478826.63	3850121.93	2.57E-02	2.63E-02	2.51E-02	8.91E-06	2.69E-05	1.56E-05	1.59E-05	1.44E-05	6.44E-06	6.28E-06	2.97E-07	7.18E-06	1.59E-06	2.16E-06	3.43E-06	5.91E-07	3.30E-06	1.85E-05
2981	478876.63	3850121.93	2.43E-02	2.48E-02	2.37E-02	8.40E-06	2.54E-05	1.47E-05	1.50E-05	1.36E-05	6.07E-06	5.92E-06	2.81E-07	6.78E-06	1.50E-06	2.04E-06	3.24E-06	5.57E-07	3.11E-06	1.75E-05
2982	478976.63	3850121.93	2.18E-02	2.23E-02	2.13E-02	7.54E-06	2.28E-05	1.32E-05	1.35E-05	1.22E-05	5.45E-06	5.32E-06	2.52E-07	6.09E-06	1.34E-06	1.83E-06	2.91E-06	5.01E-07	2.79E-06	1.57E-05
2983	479026.63	3850121.93	2.08E-02	2.12E-02	2.02E-02	7.18E-06	2.17E-05	1.26E-05	1.29E-05	1.17E-05	5.19E-06	5.07E-06	2.40E-07	5.80E-06	1.28E-06	1.75E-06	2.77E-06	4.77E-07	2.66E-06	1.50E-05
2984	479076.63	3850121.93	1.98E-02	2.03E-02	1.93E-02	6.86E-06	2.07E-05	1.20E-05	1.23E-05	1.11E-05	4.96E-06	4.83E-06	2.29E-07	5.53E-06	1.22E-06	1.67E-06	2.64E-06	4.55E-07	2.54E-06	1.43E-05
2985	479126.63	3850121.93	1.89E-02	1.94E-02	1.84E-02	6.55E-06	1.98E-05	1.14E-05	1.17E-05	1.06E-05	4.73E-06	4.62E-06	2.19E-07	5.28E-06	1.17E-06	1.59E-06	2.52E-06	4.34E-07	2.42E-06	1.36E-05
2986	478776.63	3850171.93	3.17E-02	3.25E-02	3.09E-02	1.10E-05	3.31E-05	1.92E-05	1.96E-05	1.78E-05	7.94E-06	7.74E-06	3.67E-07	8.85E-06	1.95E-06	2.67E-06	4.23E-06	7.28E-07	4.06E-06	2.29E-05
2987	478826.63	3850171.93	2.94E-02	3.01E-02	2.87E-02	1.02E-05	3.08E-05	1.78E-05	1.82E-05	1.65E-05	7.37E-06	7.19E-06	3.40E-07	8.22E-06	1.81E-06	2.48E-06	3.93E-06	6.76E-07	3.77E-06	2.12E-05
2988	478876.63	3850171.93	2.75E-02	2.82E-02	2.68E-02	9.52E-06	2.87E-05	1.66E-05	1.70E-05	1.54E-05	6.88E-06	6.71E-06	3.18E-07	7.68E-06	1.69E-06	2.31E-06	3.67E-06	6.32E-07	3.52E-06	1.98E-05
2989	478976.63	3850171.93	2.43E-02	2.49E-02	2.37E-02	8.42E-06	2.54E-05	1.47E-05	1.51E-05	1.37E-05	6.09E-06	5.94E-06	2.81E-07	6.79E-06	1.50E-06	2.05E-06	3.25E-06	5.59E-07	3.12E-06	1.75E-05
2990	479026.63	3850171.93	2.30E-02	2.36E-02	2.25E-02	7.97E-06	2.41E-05	1.39E-05	1.43E-05	1.29E-05	5.76E-06	5.62E-06	2.66E-07	6.43E-06	1.42E-06	1.94E-06	3.07E-06	5.29E-07	2.95E-06	1.66E-05
2991	479076.63	3850171.93	2.19E-02	2.24E-02	2.13E-02	7.57E-06	2.29E-05	1.32E-05	1.35E-05	1.23E-05	5.48E-06	5.34E-06	2.53E-07	6.11E-06	1.35E-06	1.84E-06	2.92E-06	5.02E-07	2.80E-06	1.58E-05
2992	479126.63	3850171.93	2.08E-02	2.13E-02	2.03E-02	7.20E-06	2.17E-05	1.26E-05	1.29E-05	1.17E-05	5.21E-06	5.08E-06	2.41E-07	5.81E-06	1.28E-06	1.75E-06	2.78E-06	4.78E-07	2.67E-06	1.50E-05
2993	479176.63	3850171.93	1.99E-02	2.03E-02	1.94E-02	6.88E-06	2.08E-05	1.20E-05	1.23E-05	1.12E-05	4.97E-06	4.85E-06	2.30E-07	5.55E-06	1.22E-06	1.67E-06	2.65E-06	4.56E-07	2.54E-06	1.43E-05
2994	479226.63	3850171.93	1.91E-02	1.95E-02	1.86E-02	6.60E-06	1.99E-05	1.15E-05	1.18E-05	1.07E-05	4.77E-06	4.65E-06	2.20E-07	5.32E-06	1.17E-06	1.60E-06	2.54E-06	4.38E-07	2.44E-06	1.37E-05
2995	479276.63	3850171.93	1.83E-02	1.87E-02	1.78E-02	6.32E-06	1.91E-05	1.11E-05	1.13E-05	1.03E-05	4.57E-06	4.46E-06	2.11E-07	5.10E-06	1.13E-06	1.54E-06	2.44E-06	4.20E-07	2.34E-06	1.32E-05
2996	479326.63	3850171.93	1.76E-02	1.80E-02	1.71E-02	6.08E-06	1.84E-05	1.06E-05	1.09E-05	9.87E-06	4.40E-06	4.29E-06	2.03E-07	4.91E-06	1.08E-06	1.48E-06	2.34E-06	4.04E-07	2.25E-06	1.27E-05
2997	479376.63	3850171.93	1.69E-02	1.72E-02	1.64E-02	5.83E-06	1.76E-05	1.02E-05	1.04E-05	9.46E-06	4.22E-06	4.11E-06	1.95E-07	4.71E-06	1.04E-06	1.42E-06	2.25E-06	3.87E-07	2.16E-06	1.21E-05
2998	478676.63	3850221.93	4.79E-02	4.91E-02	4.68E-02	1.66E-05	5.01E-05	2.90E-05	2.97E-05	2.69E-05	1.20E-05	1.17E-05	5.54E-07	1.34E-05	2.95E-06	4.03E-06	6.40E-06	1.10E-06	6.14E-06	3.46E-05
2999	478726.63	3850221.93	4.22E-02	4.32E-02	4.12E-02	1.46E-05	4.42E-05	2.56E-05	2.62E-05	2.37E-05	1.06E-05	1.03E-05	4.88E-07	1.18E-05	2.60E-06	3.55E-06	5.64E-06	9.70E-07	5.41E-06	3.05E-05
3000	478976.63	3850221.93	2.76E-02	2.82E-02	2.69E-02	9.54E-06	2.88E-05	1.67E-05	1.71E-05	1.55E-05	6.90E-06	6.73E-06	3.19E-07	7.70E-06	1.70E-06	2.32E-06	3.68E-06	6.33E-07	3.53E-06	1.99E-05
3001	479026.63	3850221.93	2.59E-02	2.65E-02	2.52E-02	8.95E-06	2.70E-05	1.56E-05	1.60E-05	1.45E-05	6.47E-06	6.31E-06	2.99E-07	7.22E-06	1.59E-06	2.17E-06	3.45E-06	5.94E-07	3.31E-06	1.86E-05
3002	479076.63	3850221.93	2.44E-02	2.50E-02	2.38E-02	8.45E-06	2.55E-05	1.48E-05	1.51E-05	1.37E-05	6.11E-06	5.96E-06	2.82E-07	6.82E-06	1.50E-06	2.05E-06	3.26E-06	5.61E-07	3.13E-06	1.76E-05
3003	479126.63	3850221.93	2.31E-02	2.37E-02	2.25E-02	8.00E-06	2.42E-05	1.40E-05	1.43E-05	1.30E-05	5.79E-06	5.64E-06	2.67E-07	6.46E-06	1.42E-06	1.94E-06	3.08E-06	5.31E-07	2.96E-06	1.67E-05
3004	479176.63	3850221.93	2.19E-02	2.25E-02	2.14E-02	7.59E-06	2.29E-05	1.33E-05	1.36E-05	1.23E-05	5.49E-06	5.35E-06	2.54E-07	6.12E-06	1.35E-06	1.84E-06	2.93E-06	5.04E-07	2.81E-06	1.58E-05
3005	479226.63	3850221.93	2.09E-02	2.14E-02	2.04E-02	7.23E-06	2.18E-05	1.26E-05	1.29E-05	1.17E-05	5.23E-06	5.10E-06	2.41E-07	5.83E-06	1.29E-06	1.76E-06	2.79E-06	4.80E-07	2.68E-06	1.51E-05
3006	479276.63	3850221.93	1.99E-02	2.04E-02	1.94E-02	6.90E-06	2.08E-05	1.21E-05	1.23E-05	1.12E-05	4.99E-06	4.86E-06	2.30E-07	5.56E-06	1.23E-06	1.67E-06	2.66E-06	4.57E-07	2.55E-06	1.44E-05
3007	479326.63	3850221.93	1.91E-02	1.96E-02	1.86E-02	6.62E-06	2.00E-05	1.16E-05	1.18E-05	1.07E-05	4.78E-06	4.66E-06	2.21E-07	5.34E-06	1.18E-06	1.61E-06	2.55E-06	4.39E-07	2.45E-06	1.38E-05
3008	479376.63	3850221.93	1.83E-02	1.88E-02	1.79E-02	6.35E-06	1.92E-05	1.11E-05	1.14E-05	1.03E-05	4.59E-06	4.48E-06	2.12E-07	5.12E-06	1.13E-06	1.54E-06	2.45E-06	4.21E-07	2.35E-06	1.32E-05
3009	478676.63	3850271.93	6.69E-02	6.85E-02	6.52E-02	2.32E-05	6.99E-05	4.05E-05	4.14E-05	3.76E-05	1.67E-05	1.63E-05	7.73E-07	1.87E-05	4.12E-06	5.62E-06	8.92E-06	1.54E-06	8.57E-06	4.82E-05
3010	478726.63	3850271.93	5.56E-02	5.69E-02	5.43E-02	1.93E-05	5.81E-05	3.37E-05	3.45E-05	3.12E-05	1.39E-05	1.36E-05	6.43E-07	1.55E-05	3.43E-06	4.68E-06	7.42E-06	1.28E-06	7.13E-06	4.01E-05
3011	478976.63	3850271.93	3.20E-02	3.27E-02	3.12E-02	1.11E-05	3.34E-05	1.94E-05	1.98E-05	1.80E-05	8.01E-06	7.81E-06	3.70E-07	8.93E-06	1.97E-06	2.69E-06	4.27E-06	7.35E-07	4.10E-06	2.31E-05
3012	479026.63	3850271.93	2.96E-02	3.03E-02	2.89E-02	1.02E-05	3.09E-05	1.79E-05	1.83E-05	1.66E-05	7.40E-06	7.22E-06	3.42E-07	8.26E-06	1.82E-06	2.49E-06	3.95E-06	6.80E-07	3.79E-06	2.13E-05
3013	479076.63	3850271.93	2.76E-02	2.83E-02	2.69E-02	9.57E-06	2.89E-05	1.67E-05	1.71E-05	1.55E-05	6.92E-06	6.74E-06	3.19E-07	7.72E-06	1.70E-06	2.32E-06	3.69E-06	6.35E-07	3.54E-06	1.99E-05
3014	479126.63	3850271.93	2.59E-02	2.66E-02	2.53E-02	8.98E-06	2.71E-05	1.57E-05	1.61E-05	1.46E-05	6.49E-06	6.33E-06	3.00E-07	7.24E-06	1.60E-06	2.18E-06	3.46E-06	5.96E-07	3.32E-06	1.87E-05
3015	479176.63	3850271.93	2.44E-02	2.50E-02	2.38E-02	8.46E-06	2.55E-05	1.48E-05	1.51E-05	1.37E-05	6.12E-06	5.97E-06	2.83E-07	6.82E-06	1.51E-06	2.06E-06	3.26E-06	5.61E-07	3.13E-06	1.76E-05
3016	479226.63	3850271.93	2.31E-02	2.36E-02	2.25E-02	8.00E-06	2.41E-05	1.40E-05	1.43E-05	1.30E-05	5.78E-06	5.64E-06	2.67E-07	6.45E-06	1.42E-06	1.94E-06	3.08E-06	5.31E-07	2.96E-06	1.67E-05
3017	479276.63	3850271.93	2.19E-02	2.25E-02	2.14E-02	7.60E-06	2.29E-05	1.33E-05	1.36E-05	1.23E-05	5.49E-06	5.36E-06	2.54E-07	6.13E-06	1.35E-06	1.85E-06	2.93E-06	5.04E-07	2.81E-06	1.58E-05
3018	479326.63	3850271.93	2.10E-02	2.15E-02	2.04E-02	7.26E-06	2.19E-05	1.27E-05	1.30E-05	1.18E-05	5.25E-06	5.12E-06	2.42E-07	5.85E-06	1.29E-06	1.76E-06	2.80E-06	4.81E-07	2.69E-06	1.51E-05
3019	479376.63	3850271.93	2.00E-02	2.05E-02	1.95E-02	6.94E-06	2.09E-05	1.21E-05	1.24E-05	1.13E-05	5.02E-06	4.89E-06	2.32E-07	5.60E-06	1.23E-06	1.69E-06	2.67E-06	4.60E-07	2.57E-06	1.45E-05
3020	479053.24	3850293.52	3.03E-02	3.10E-02	2.96E-02	1.05E-05	3.17E-05	1.83E-05	1.88E-05	1.70E-05	7.59E-06	7.40E-06	3.50E-07	8.47E-06	1.87E-06	2.55E-06	4.04E-06	6.96E-07	3.88E-06	2.19E-05
3021	479103.24	3850293.52	2.82E-02	2.89E-02	2.75E-02	9.78E-06	2.95E-05	1.71E-05	1.75E-05	1.59E-05	7.07E-06	6.89E-06	3.26E-07	7.89E-06	1.74E-06	2.38E-06	3.77E-06	6.49E-07	3.62E-06	2.04E-05
3022	479153.24	3850293.52	2.65E-02	2.71E-02	2.58E-02	9.17E-06	2.77E-05	1.60E-05	1.64E-05	1.49E-05	6.63E-06	6.47E-06	3.06E-07	7.40E-06	1.63E-06	2.23E-06	3.54E-06	6.09E-07	3.40E-06	1.91E-05
3023	479203.24	3850293.52	2.49E-02	2.55E-02	2.43E-02	8.62E-06	2.60E-05	1.51E-05	1.54E-05	1.40E-05	6.23E-06	6.08E-06	2.88E-07	6.95E-06	1.53E-06	2.09E-06	3.32E-06	5.72E-07	3.19E-06	1.80E-05

3024	479253.24	3850293.52	2.35E-02	2.41E-02	2.30E-02	8.15E-06	2.46E-05	1.42E-05	1.46E-05	1.32E-05	5.89E-06	5.75E-06	2.72E-07	6.57E-06	1.45E-06	1.98E-06	3.14E-06	5.41E-07	3.02E-06	1.70E-05
3025	479303.24	3850293.52	2.24E-02	2.29E-02	2.18E-02	7.75E-06	2.34E-05	1.35E-05	1.39E-05	1.26E-05	5.60E-06	5.47E-06	2.59E-07	6.25E-06	1.38E-06	1.88E-06	2.99E-06	5.14E-07	2.87E-06	1.61E-05
3026	479353.24	3850293.52	2.14E-02	2.19E-02	2.08E-02	7.39E-06	2.23E-05	1.29E-05	1.32E-05	1.20E-05	5.35E-06	5.21E-06	2.47E-07	5.96E-06	1.32E-06	1.80E-06	2.85E-06	4.91E-07	2.74E-06	1.54E-05
3027	479153.24	3850343.52	3.04E-02	3.11E-02	2.96E-02	1.05E-05	3.18E-05	1.84E-05	1.88E-05	1.71E-05	7.61E-06	7.42E-06	3.51E-07	8.49E-06	1.87E-06	2.56E-06	4.05E-06	6.98E-07	3.89E-06	2.19E-05
3028	479203.24	3850343.52	2.83E-02	2.90E-02	2.76E-02	9.79E-06	2.96E-05	1.71E-05	1.75E-05	1.59E-05	7.08E-06	6.90E-06	3.27E-07	7.90E-06	1.74E-06	2.38E-06	3.77E-06	6.50E-07	3.62E-06	2.04E-05
3029	479253.24	3850343.52	2.66E-02	2.72E-02	2.59E-02	9.20E-06	2.78E-05	1.61E-05	1.65E-05	1.49E-05	6.65E-06	6.49E-06	3.07E-07	7.42E-06	1.64E-06	2.23E-06	3.55E-06	6.10E-07	3.40E-06	1.92E-05
3030	479303.24	3850343.52	2.51E-02	2.57E-02	2.45E-02	8.69E-06	2.62E-05	1.52E-05	1.55E-05	1.41E-05	6.28E-06	6.13E-06	2.90E-07	7.01E-06	1.55E-06	2.11E-06	3.35E-06	5.77E-07	3.22E-06	1.81E-05
3031	479353.24	3850343.52	2.38E-02	2.43E-02	2.32E-02	8.23E-06	2.49E-05	1.44E-05	1.47E-05	1.33E-05	5.95E-06	5.80E-06	2.75E-07	6.64E-06	1.46E-06	2.00E-06	3.17E-06	5.46E-07	3.05E-06	1.71E-05
3032	479203.24	3850393.52	3.30E-02	3.38E-02	3.22E-02	1.14E-05	3.45E-05	2.00E-05	2.04E-05	1.85E-05	8.26E-06	8.05E-06	3.81E-07	9.21E-06	2.03E-06	2.77E-06	4.40E-06	7.58E-07	4.23E-06	2.38E-05
3033	479253.24	3850393.52	3.06E-02	3.13E-02	2.99E-02	1.06E-05	3.20E-05	1.85E-05	1.90E-05	1.72E-05	7.66E-06	7.47E-06	3.54E-07	8.55E-06	1.89E-06	2.57E-06	4.08E-06	7.03E-07	3.92E-06	2.21E-05
3034	479303.24	3850393.52	2.86E-02	2.93E-02	2.79E-02	9.91E-06	2.99E-05	1.73E-05	1.77E-05	1.61E-05	7.17E-06	6.99E-06	3.31E-07	7.99E-06	1.76E-06	2.41E-06	3.82E-06	6.58E-07	3.67E-06	2.06E-05
3035	479353.24	3850393.52	2.69E-02	2.75E-02	2.62E-02	9.31E-06	2.81E-05	1.63E-05	1.67E-05	1.51E-05	6.73E-06	6.56E-06	3.11E-07	7.51E-06	1.66E-06	2.26E-06	3.59E-06	6.18E-07	3.44E-06	1.94E-05
3036	479403.24	3850393.52	2.53E-02	2.59E-02	2.47E-02	8.77E-06	2.65E-05	1.53E-05	1.57E-05	1.42E-05	6.34E-06	6.18E-06	2.93E-07	7.07E-06	1.56E-06	2.13E-06	3.38E-06	5.82E-07	3.24E-06	1.83E-05
3037	479453.24	3850393.52	2.39E-02	2.45E-02	2.33E-02	8.28E-06	2.50E-05	1.45E-05	1.48E-05	1.34E-05	5.98E-06	5.84E-06	2.76E-07	6.68E-06	1.47E-06	2.01E-06	3.19E-06	5.49E-07	3.06E-06	1.72E-05
3038	479503.24	3850393.52	2.25E-02	2.31E-02	2.20E-02	7.80E-06	2.36E-05	1.36E-05	1.40E-05	1.27E-05	5.64E-06	5.50E-06	2.60E-07	6.29E-06	1.39E-06	1.89E-06	3.01E-06	5.18E-07	2.89E-06	1.62E-05
3039	479303.24	3850443.52	3.36E-02	3.44E-02	3.28E-02	1.16E-05	3.51E-05	2.03E-05	2.08E-05	1.89E-05	8.41E-06	8.20E-06	3.88E-07	9.38E-06	2.07E-06	2.82E-06	4.48E-06	7.71E-07	4.30E-06	2.42E-05
3040	479353.24	3850443.52	3.12E-02	3.19E-02	3.04E-02	1.08E-05	3.26E-05	1.88E-05	1.93E-05	1.75E-05	7.80E-06	7.60E-06	3.60E-07	8.70E-06	1.92E-06	2.62E-06	4.16E-06	7.15E-07	3.99E-06	2.25E-05
3041	479403.24	3850443.52	2.90E-02	2.97E-02	2.83E-02	1.00E-05	3.03E-05	1.75E-05	1.80E-05	1.63E-05	7.26E-06	7.08E-06	3.35E-07	8.10E-06	1.79E-06	2.44E-06	3.87E-06	6.66E-07	3.72E-06	2.09E-05
3042	479453.24	3850443.52	2.71E-02	2.77E-02	2.64E-02	9.37E-06	2.83E-05	1.64E-05	1.68E-05	1.52E-05	6.78E-06	6.61E-06	3.13E-07	7.56E-06	1.67E-06	2.28E-06	3.61E-06	6.22E-07	3.47E-06	1.95E-05
3043	479503.24	3850443.52	2.53E-02	2.59E-02	2.47E-02	8.75E-06	2.64E-05	1.53E-05	1.57E-05	1.42E-05	6.33E-06	6.17E-06	2.92E-07	7.06E-06	1.56E-06	2.13E-06	3.37E-06	5.81E-07	3.24E-06	1.82E-05
3044	480327.18	3850987.04	4.03E-02	4.12E-02	3.93E-02	1.39E-05	4.21E-05	2.44E-05	2.50E-05	2.26E-05	1.01E-05	9.83E-06	4.66E-07	1.12E-05	2.48E-06	3.39E-06	5.37E-06	9.25E-07	5.16E-06	2.90E-05
3045	480377.18	3850987.04	3.67E-02	3.75E-02	3.58E-02	1.27E-05	3.83E-05	2.22E-05	2.27E-05	2.06E-05	9.18E-06	8.95E-06	4.24E-07	1.02E-05	2.26E-06	3.08E-06	4.89E-06	8.43E-07	4.70E-06	2.64E-05
3046	480427.18	3850987.04	3.37E-02	3.44E-02	3.28E-02	1.16E-05	3.52E-05	2.04E-05	2.08E-05	1.89E-05	8.42E-06	8.21E-06	3.89E-07	9.40E-06	2.07E-06	2.83E-06	4.49E-06	7.73E-07	4.31E-06	2.43E-05
3047	480477.18	3850987.04	3.10E-02	3.17E-02	3.02E-02	1.07E-05	3.24E-05	1.88E-05	1.92E-05	1.74E-05	7.76E-06	7.57E-06	3.58E-07	8.66E-06	1.91E-06	2.61E-06	4.14E-06	7.12E-07	3.97E-06	2.24E-05
3048	480327.18	3851037.04	5.19E-02	5.31E-02	5.06E-02	1.80E-05	5.42E-05	3.14E-05	3.21E-05	2.91E-05	1.30E-05	1.27E-05	6.00E-07	1.45E-05	3.20E-06	4.36E-06	6.92E-06	1.19E-06	6.65E-06	3.74E-05
3049	480377.18	3851037.04	4.59E-02	4.70E-02	4.48E-02	1.59E-05	4.80E-05	2.78E-05	2.84E-05	2.58E-05	1.15E-05	1.12E-05	5.31E-07	1.28E-05	2.83E-06	3.86E-06	6.12E-06	1.05E-06	5.88E-06	3.31E-05
3050	480427.18	3851037.04	4.11E-02	4.21E-02	4.01E-02	1.42E-05	4.29E-05	2.49E-05	2.54E-05	2.31E-05	1.03E-05	1.00E-05	4.75E-07	1.15E-05	2.53E-06	3.45E-06	5.48E-06	9.44E-07	5.26E-06	2.96E-05
3051	480477.18	3851037.04	3.71E-02	3.80E-02	3.62E-02	1.28E-05	3.88E-05	2.24E-05	2.30E-05	2.08E-05	9.28E-06	9.06E-06	4.29E-07	1.04E-05	2.29E-06	3.12E-06	4.95E-06	8.52E-07	4.75E-06	2.67E-05
3052	480622.06	3851087.39	3.43E-02	3.52E-02	3.35E-02	1.19E-05	3.59E-05	2.08E-05	2.13E-05	1.93E-05	8.59E-06	8.38E-06	3.97E-07	9.59E-06	2.12E-06	2.89E-06	4.58E-06	7.89E-07	4.40E-06	2.48E-05
3053	480672.06	3851087.39	3.16E-02	3.23E-02	3.08E-02	1.09E-05	3.30E-05	1.91E-05	1.96E-05	1.77E-05	7.90E-06	7.71E-06	3.65E-07	8.82E-06	1.95E-06	2.66E-06	4.21E-06	7.25E-07	4.04E-06	2.28E-05
3054	480622.06	3851137.39	4.23E-02	4.33E-02	4.13E-02	1.46E-05	4.42E-05	2.56E-05	2.62E-05	2.38E-05	1.06E-05	1.03E-05	4.89E-07	1.18E-05	2.61E-06	3.56E-06	5.64E-06	9.72E-07	5.42E-06	3.05E-05
3055	480672.06	3851137.39	3.80E-02	3.89E-02	3.71E-02	1.32E-05	3.97E-05	2.30E-05	2.35E-05	2.13E-05	9.51E-06	9.28E-06	4.39E-07	1.06E-05	2.34E-06	3.20E-06	5.07E-06	8.73E-07	4.87E-06	2.74E-05
3056	480722.06	3851137.39	3.46E-02	3.54E-02	3.38E-02	1.20E-05	3.62E-05	2.09E-05	2.14E-05	1.94E-05	8.67E-06	8.45E-06	4.00E-07	9.67E-06	2.13E-06	2.91E-06	4.62E-06	7.95E-07	4.44E-06	2.50E-05
3057	480622.06	3851187.39	5.59E-02	5.72E-02	5.45E-02	1.93E-05	5.84E-05	3.38E-05	3.46E-05	3.14E-05	1.40E-05	1.36E-05	6.46E-07	1.56E-05	3.44E-06	4.70E-06	7.45E-06	1.28E-06	7.16E-06	4.03E-05
3058	480672.06	3851187.39	4.83E-02	4.94E-02	4.71E-02	1.67E-05	5.05E-05	2.92E-05	2.99E-05	2.71E-05	1.21E-05	1.18E-05	5.58E-07	1.35E-05	2.98E-06	4.06E-06	6.44E-06	1.11E-06	6.19E-06	3.48E-05
3059	480722.06	3851187.39	4.27E-02	4.37E-02	4.17E-02	1.48E-05	4.46E-05	2.58E-05	2.65E-05	2.40E-05	1.07E-05	1.04E-05	4.94E-07	1.19E-05	2.63E-06	3.59E-06	5.70E-06	9.81E-07	5.47E-06	3.08E-05
3060	471363.09	3845877.25	2.20E-04	2.25E-04	2.14E-04	7.60E-08	2.30E-07	1.33E-07	1.36E-07	1.23E-07	5.50E-08	5.36E-08	2.54E-09	6.13E-08	1.35E-08	1.85E-08	2.93E-08	5.05E-09	2.81E-08	1.58E-07
3061	471863.09	3845877.25	2.13E-04	2.18E-04	2.07E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.32E-08	5.19E-08	2.46E-09	5.94E-08	1.31E-08	1.79E-08	2.84E-08	4.88E-09	2.72E-08	1.53E-07
3062	472363.09	3845877.25	2.75E-04	2.82E-04	2.69E-04	9.53E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	6.89E-08	6.72E-08	3.18E-09	7.69E-08	1.70E-08	2.32E-08	3.67E-08	6.33E-09	3.53E-08	1.99E-07
3063	472863.09	3845877.25	2.07E-04	2.12E-04	2.02E-04	7.18E-08	2.17E-07	1.26E-07	1.28E-07	1.16E-07	5.19E-08	5.06E-08	2.40E-09	5.79E-08	1.28E-08	1.74E-08	2.77E-08	4.76E-09	2.66E-08	1.50E-07
3064	473363.09	3845877.25	2.18E-04	2.23E-04	2.13E-04	7.54E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.45E-08	5.32E-08	2.52E-09	6.08E-08	1.34E-08	1.83E-08	2.91E-08	5.01E-09	2.79E-08	1.57E-07
3065	473863.09	3845877.25	2.28E-04	2.34E-04	2.22E-04	7.90E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.71E-08	5.57E-08	2.64E-09	6.37E-08	1.41E-08	1.92E-08	3.04E-08	5.24E-09	2.92E-08	1.64E-07
3066	474363.09	3845877.25	2.65E-04	2.72E-04	2.59E-04	9.19E-08	2.77E-07	1.61E-07	1.64E-07	1.49E-07	6.64E-08	6.48E-08	3.07E-09	7.41E-08	1.64E-08	2.23E-08	3.54E-08	6.10E-09	3.40E-08	1.91E-07
3067	474863.09	3845877.25	3.09E-04	3.16E-04	3.01E-04	1.07E-07	3.23E-07	1.87E-07	1.91E-07	1.74E-07	7.74E-08	7.54E-08	3.57E-09	8.63E-08	1.90E-08	2.60E-08	4.12E-08	7.10E-09	3.96E-08	2.23E-07
3068	475363.09	3845877.25	3.57E-04	3.66E-04	3.49E-04	1.24E-07	3.74E-07	2.16E-07	2.21E-07	2.01E-07	8.94E-08	8.72E-08	4.13E-09	9.98E-08	2.20E-08	3.01E-08	4.77E-08	8.21E-09	4.58E-08	2.58E-07
3069	475863.09	3845877.25	3.68E-04	3.77E-04	3.59E-04	1.28E-07	3.85E-07	2.23E-07	2.28E-07	2.07E-07	9.22E-08	8.99E-08	4.26E-09	1.03E-07	2.27E-08	3.10E-08	4.91E-08	8.46E-09	4.72E-08	2.66E-07
3070	476363.09	3845877.25	3.45E-04	3.53E-04	3.36E-04	1.19E-07	3.61E-07	2.09E-07	2.14E-07	1.94E-07	8.63E-08	8.42E-08	3.99E-09	9.63E-08	2.13E-08	2.90E-08	4.60E-08	7.92E-09	4.42E-08	2.49E-07
3071	476863.09	3845877.25	3.22E-04	3.29E-04	3.14E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.81E-07	8.05E-08	7.85E-08	3.72E-09	8.98E-08	1.98E-08	2.71E-08	4.29E-08	7.39E-09	4.12E-08	2.32E-07
3072	477363.09	3845877.25	3.21E-04	3.29E-04	3.13E-04	1.11E-07	3.36E-07	1.94E-07	1.99E-07	1.80E-07	8.03E-08	7.84E-08	3.71E-09	8.96E-08	1.98E-08	2.70E-08	4.28E-08	7.37E-09	4.11E-08	2.31E-07
3073	477863.09	3845877.25	3.05E-04	3.12E-04	2.97E-04	1.05E-07	3.18E-07	1.84E-07	1.89E-07	1.71E-07	7.62E-08	7.43E-08	3.52E-09	8.50E-08	1.88E-08	2.56E-08	4.06E-08	7.00E-09	3.90E-08	2.20E-07
3074	478363.09	3845877.25	3.12E-04	3.19E-04	3.04E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.80E-08	7.60E-08	3.60E-09	8.70E-08	1.92E-08	2.62E-08	4.16E-08	7.16E-09	3.99E-08	2.25E-07
3075	478863.09	3845877.25	3.17E-04	3.25E-04	3.09E-04	1.10E-07	3.32E-07	1.92E-07	1.97E-07	1.78E-07	7.94E-08	7.74E-08	3.67E-09	8.86E-08	1.95E-08	2.67E-08	4.23E-08	7.29E-09	4.06E-08	2.29E-07
3076	479363.09	3845877.25	3.38E-04	3.46E-04	3.30E-04	1.17E-07	3.53E-07	2.05E-07	2.09E-07	1.90E-07	8.46E-08	8.26E-08	3.91E-09	9.44E-08	2.08E-08	2.84E-08	4.51E-08	7.77E-09	4.33E-08	2.44E-07
3077	479863.09	3845877.25	3.40E-04	3.48E-04	3.32E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.91E-07	8.51E-08	8.30E-08	3.93E-09	9.50E-08	2.10E-08	2.86E-08	4.54E-08	7.81E-09	4.36E-08	2.45E-07
3078	480363.09	3845877.25	3.16E-04	3.23E-04	3.08E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.77E-07	7.90E-08	7.71E-08	3.65E-09	8.82E-08	1.95E-08	2.66E-08	4.21E-08	7.25E-09	4.05E-08	2.28E-07
3079	480863.09	3845877.25	3.10E-04	3.18E-04	3.03E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.77E-08	7.57E-08	3.59E-09	8.66E-08	1.91E-08	2.61E-08	4.14E-08	7.13E-09	3.98E-08	2.24E-07
3080	481363.09	3845877.25	3.07E-04	3.15E-04	3.00E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.73E-07	7.69E-08	7.50E-08	3.55E-09	8.58E-08	1.89E-08	2.58E-08	4.10E-08	7.06E-09	3.94E-08	2.22E-07
3081	481863.09	3845877.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.08E-07	1.78E-07	1.83E-07	1.66E-07	7.38E-08	7.20E-08	3.41E-09	8.23E-08	1.82E-08	2.48E-08	3.93E-08	6.77E-09	3.78E-08	2.13E-07
3082	482363.09	3845877.25	2.77E-04	2.84E-04	2.71E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	6.94E-08	6.77E-08	3.21E-09	7.75E-08	1.71E-08	2.33E-08	3.70E-08	6.37E-09	3.55E-08	2.00E-07
3083	482863.09	3845877.25	2.24E-04	2.29E-04	2.19E-04	7.76E-08	2.34E-07	1.36E-07	1.39E-07	1.26E-07	5.61E-08	5.47E-08	2.59E-09	6.26E-08	1.38E-08	1.88E-08	2.99E-08	5.15E-09	2.87E-08	1.62E-07
3084	483363.09	3845877.25	2.03E-04	2.08E-04	1.98E-04	7.02E-08	2.12E-07	1.23E-07	1.26E-07	1.14E-07	5.07E-08	4.95E-08	2.34E-09	5.66E-08	1.25E-08	1.70E-08	2.70E-08	4.66E-09	2.60E-08	1.46E-07
3085	483863.09	3845877.25	2.57E-04	2.63E-04	2.51E-04	8.91E-08	2.69E-07	1.56E-07	1.59E-07	1.44E-07	6.44E-08	6.28E-08	2.97E-09	7.18E-08	1.59E-08	2.16E-08	3.43E-08	5.91E-09	3.30E-08	1.85E-07
3086	484363.09	3845877.25	2.62E-04	2.68E-04	2.56E-04	9.07E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.56E-08	6.40E-08	3.03E-09	7.32E-08	1.61E-08	2.20E-08	3.49E-08	6.02E-09	3.36E-08	1.89E-07
3087	484863.09	3845877.25	2.57E-04	2.63E-04	2.51E-04	8.90E-08	2.69E-07	1.56E-07	1.59E-07	1.44E-07	6.43E-08	6.27E-08	2.97E-09	7.18E-08	1.58E-08	2.16E-08	3.43E-08	5.90E-09	3.29E-08	1.85E-07
3088	485363.09	3845877.25	2.46E-04	2.52E-04	2.40E-04	8.52E-08	2.57E-07	1.49E-07	1.52E-07	1.38E-07	6.16E-08	6.01E-08	2.84E-09	6.87E-08	1.52E-08	2.07E-08	3.28E-08	5.65E-09	3.15E-08	1.77E-07
3089	485863.09	3845877.25	2.54E-04	2.60E-04	2.48E-04	8.79E-08	2.66E-07	1.54E-07	1.57E-07	1.43E-07	6.36E-08	6.20E-08	2.94E-09	7.09E-08	1.57E-08	2.14E-08	3.39E-08	5.83E-09	3.25E-08	1.83E-07
3090	486363.09	3845877.25	2.51E-04	2.57E-04	2.45E-04	8.70E-08	2.63E-07	1.52E-07	1.56E-07	1.41E-07	6.29E-08	6.13E-08	2.90E-09	7.02E-08	1.55E-08	2.11E-08	3.35E-08	5.77E-09	3.22E-08	1.81E-07
3091	486863.09	3845877.25	2.35E-04	2.40E-04	2.29E-04	8.12E-08	2.45E-07	1.42E-07	1.45E-07	1.32E-07	5.87E-08	5.73E-08	2.71E-09	6.55E-08	1.45E-08	1.97E-08	3.13E-08	5.39E-09	3.01E-08	1.69E-07
3092	487363.09	3845877.25	2.32E-04	2.37E-04	2.26E-04	8.03E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.80E-08	5.66E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.33E-09	2.97E-08	1.67E-07
3093	487863.09	3845877.25	2.17E-04	2.22E-04	2.11E-04	7.50E-08	2.26E-07	1.31E-07	1.34E-07	1.22E-07	5.42E-08	5.29E-08	2.50E-09	6.05E-08	1.33E-08	1.82E-08	2.89E-08	4.98E-09	2.78E-08	1.56E-07
3094	488363.09	3845877.25	2.10E-04	2.15E-04	2.05E-04	7.28E-08	2.20E-07	1.27E-07	1.30E-07	1.18E-07	5.27E-08	5.14E-08	2.43E-09	5.88E-08	1.30E-08	1.77E-08	2.81E-08	4.83E-09	2.70E-08	1.52E-07
3095	488863.09	3845877.25	2.43E-04	2.49E-04	2.37E-04	8.41E-08	2.54E-07	1.47E-07	1.51E-07	1.36E-07	6.08E-08	5.93E-08	2.81E-09	6.79E-08	1.50E-08	2.04E-08	3.24E-08	5.58E-09	3.11E-08	1.75E-07
3096	489363.09	3845877.25	2.42E-04	2.48E-04	2.36E-04	8.37E-08	2.53E-07	1.46E-07	1.50E-07	1.36E-07	6.05E-08	5.90E-08	2.80E-09	6.75E-08	1.49E-08	2.03E-08	3.23E-08	5.55E-09	3.10E-08	1.74E-07
3097	489863.09	3845877.25	2.25E-04	2.31E-04	2.20E-04	7.80E-08	2.36E-07	1.36E-07	1.40E-07	1.27E-07	5.64E-08	5.50E-08	2.61E-09	6.29E-08	1.39E-08	1.90E-08	3.01E-08	5.18E-09	2.89E-08	1.62E-07
3098	490363.09	3845877.25	2.03E-04	2.08E-04	1.98E-04	7.02E-08	2.12E-07	1.23E-07	1.26E-07	1.14E-07	5.07E-08	4.95E-08	2.34E-09	5.66E-08	1.25E-08	1.70E-08	2.70E-08	4.66E-09	2.60E-08	1.46E-07
3099	490863.09	3845877.25	1.63E-04	1.67E-04	1.59E-04	5.64E-08	1.70E-07	9.86E-08	1.01E-07	9.14E-08	4.08E-08	3.98E-08	1.88E-09	4.55E-08	1.00E-08	1.37E-08	2.17E-08	3.74E-09	2.09E-08	1.17E-07
3100	491363.09	3845877.25	1.83E-04	1.88E-04	1.79E-04	6.35E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.59E-08	4.47E-08	2.12E-09	5.12E-08	1.13E-08	1.54E-08	2.45E-08	4.21E-09	2.35E-08	1.32E-07
3101	491863.09	3845877.25	1.95E-04	2.00E-04	1.90E-04	6.76E-08	2.04E-07	1.18E-07	1.21E-07	1.10E-07	4.89E-08	4.77E-08	2.26E-09	5.45E-08	1.20E-08	1.64E-08	2.60E-08	4.48E-09	2.50E-08	1.41E-07
3102	492363.09	3845877.25	1.66E-04	1.70E-04	1.62E-04	5.74E-08	1.73E-07	1.00E-07	1.03E-07	9.31E-08	4.15E-08	4.05E-08	1.92E-09	4.63E-08	1.02E-08	1.39E-08	2.21E-08	3.81E-09	2.12E-08	1.20E-07
3103	492863.09	3845877.25	2.02E-04	2.06E-04	1.97E-04	6.98E-08	2.11E-07	1.22E-07	1.25E-07	1.13E-07	5.05E-08	4.92E-08	2.33E-09	5.63E-08	1.24E-08	1.70E-08	2.69E-08	4.63E-09	2.58E-08	1.45E-07
3104	493363.09	3845877.25	2.13E-04	2.18E-04	2.08E-04	7.39E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.34E-08	5.21E-08	2.47E-09	5.96E-08	1.32E-08	1.79E-08	2.85E-08	4.90E-09	2.73E-08	1.54E-07
3105	493863.09	3845877.25	2.25E-04	2.30E-04	2.19E-04	7.78E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.62E-08	5.48E-08	2.60E-09	6.27E-08	1.38E-08	1.89E-08	3.00E-08	5.16E-09	2.88E-08	1.62E-07
3106	494363.09	3845877.25	2.31E-04	2.37E-04	2.26E-04	8.01E-08	2.42E-07	1.40E-07	1.43E-07	1.30E-07	5.79E-08	5.65E-08	2.67E-09	6.46E-08	1.43E-08	1.95E-08	3.09E-08	5.31E-09	2.96E-08	1.67E-07
3107	494863.09	3845877.25	2.33E-04	2.39E-04	2.28E-04	8.08E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.84E-08	5.70E-08	2.70E-09	6.52E-08	1.44E-08	1.96E-08	3.11E-08	5.36E-09	2.99E-08	1.68E-07
3108	495363.09	3845877.25	2.40E-04	2.45E-04	2.34E-04	8.30E-08	2.51E-07	1.45E-07	1.49E-07	1.35E-07	6.00E-08	5.85E-08	2.77E-09	6.70E-08	1.48E-08	2.02E-08	3.20E-08	5.51E-09	3.07E-08	1.73E-07
3109	495863.09	3845877.25	2.47E-04	2.52E-04	2.40E-04	8.53E-08	2.58E-07	1.49E-07	1.53E-07	1.38E-07	6.17E-08	6.02E-08	2.85E-09	6.88E-08	1.52E-08	2.07E-08	3.29E-08	5.66E-09	3.16E-08	1.78E-07
3110	496363.09	3845877.25	2.53E-04	2.58E-04	2.46E-04	8.74E-08	2.64E-07	1.53E-07	1.56E-07	1.42E-07	6.32E-08	6.16E-08	2.92E-09	7.05E-08	1.56E-08	2.12E-08	3.37E-08	5.80E-09	3.24E-08	1.82E-07
3111	496863.09	3845877.25	2.52E-04	2.58E-04	2.46E-04	8.73E-08	2.64E-07	1.53E-07	1.56E-07	1.42E-07	6.31E-08	6.16E-08	2.92E-09	7.04E-08	1.55E-08	2.12E-08	3.37E-08	5.79E-09	3.23E-08	1.82E-07
3112	497363.09	3845877.25	2.52E-04	2.58E-04	2.46E-04	8.72E-08	2.63E-07	1.52E-07	1.56E-07	1.42E-07	6.31E-08	6.15E-08	2.91E-09	7.04E-08	1.55E-08	2.12E-08	3.36E-08	5.79E-09	3.23E-08	1.82E-07
3113	497863.09	3845877.25	2.53E-04	2.59E-04	2.47E-04	8.76E-08	2.64E-07	1.53E-07	1.57E-07	1.42E-07	6.33E-08	6.18E-08	2.92E-09	7.07E-08	1.56E-08	2.13E-08	3.38E-08	5.81E-09	3.24E-08	1.82E-07
3114	498363.09	3845877.25	2.51E-04	2.57E-04	2.45E-04	8.70E-08	2.63E-07	1.52E-07	1.56E-07	1.41E-07	6.29E-08	6.13E-08	2.90E-09	7.02E-08	1.55E-08	2.11E-08	3.35E-08	5.77E-09	3.22E-08	1.81E-07
3115	471363.09	3846377.25	5.53E-04	5.66E-04	5.40E-04	1.92E-07	5.78E-07	3.35E-07	3.43E-07	3.11E-07	1.38E-07	1.35E-07	6.40E-09	1.55E-07	3.41E-08	4.65E-08	7.38E-08	1.27E-08	7.09E-08	3.99E-07
3116	471863.09	3846377.25	4.96E-04	5.08E-04	4.84E-04	1.72E-07	5.18E-07	3.00E-07	3.07E-07	2.78E-07	1.24E-07	1.21E-07	5.73E-09	1.38E-07	3.06E-08	4.17E-08	6.61E-08	1.14E-08	6.35E-08	3.57E-07
3117	472363.09	3846377.25	2.61E-04	2.67E-04	2.54E-04	9.02E-08	2.72E-07	1.58E-07	1.61E-07	1.46E-07	6.52E-08	6.36E-08	3.01E-09	7.27E-08	1.61E-08	2.19E-08	3.48E-08	5.98E-09	3.34E-08	1.88E-07
3118	472863.09	3846377.25	2.92E-04	2.99E-04	2.85E-04	1.01E-07	3.06E-07	1.77E-07	1.81E-07	1.64E-07	7.32E-08	7.14E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.72E-09	3.75E-08	2.11E-07
3119	473363.09	3846377.25	2.93E-04	3.00E-04	2.85E-04	1.01E-07	3.06E-07	1.77E-07	1.81E-07	1.64E-07	7.32E-08	7.14E-08	3.38E-09	8.17E-08	1.80E-08	2.46E-08	3.90E-08	6.72E-09	3.75E-08	2.11E-07
3120	473863.09	3846377.25	3.36E-04	3.44E-04	3.28E-04	1.16E-07	3.52E-07	2.04E-07	2.08E-07	1.89E-07	8.42E-08	8.21E-08	3.89E-09	9.39E-08	2.07E-08	2.83E-08	4.49E-08	7.73E-09	4.31E-08	2.43E-07
3121	474363.09	3846377.25	3.54E-04	3.63E-04	3.46E-04	1.23E-07	3.70E-07	2.14E-07	2.19E-07	1.99E-07	8.87E-08	8.65E-08	4.10E-09	9.90E-08	2.18E-08	2.98E-08	4.73E-08	8.14E-09	4.54E-08	2.55E-07
3122	474863.09	3846377.25	4.03E-04	4.13E-04	3.93E-04	1.40E-07	4.21E-07	2.44E-07	2.50E-07	2.26E-07	1.01E-07	9.84E-08	4.66E-09	1.13E-07	2.48E-08	3.39E-08	5.38E-08	9.26E-09	5.17E-08	2.91E-07
3123	475363.09	3846377.25	4.60E-04	4.71E-04	4.49E-04	1.59E-07	4.81E-07	2.79E-07	2.85E-07	2.59E-07	1.15E-07	1.12E-07	5.32E-09	1.29E-07	2.84E-08	3.87E-08	6.14E-08	1.06E-08	5.90E-08	3.32E-07
3124	475863.09	3846377.25	5.31E-04	5.44E-04	5.18E-04	1.84E-07	5.55E-07	3.22E-07	3.29E-07	2.98E-07	1.33E-07	1.30E-07	6.14E-09	1.48E-07	3.27E-08	4.47E-08	7.09E-08	1.22E-08	6.81E-08	3.83E-07

3125	476363.09	3846377.25	5.23E-04	5.35E-04	5.10E-04	1.81E-07	5.46E-07	3.16E-07	3.24E-07	2.93E-07	1.31E-07	1.28E-07	6.04E-09	1.46E-07	3.22E-08	4.40E-08	6.97E-08	1.20E-08	6.70E-08	3.77E-07
3126	476863.09	3846377.25	5.17E-04	5.29E-04	5.04E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.29E-07	1.26E-07	5.98E-09	1.44E-07	3.19E-08	4.35E-08	6.90E-08	1.19E-08	6.62E-08	3.73E-07
3127	477363.09	3846377.25	5.20E-04	5.32E-04	5.07E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.30E-07	1.27E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.19E-08	6.66E-08	3.75E-07
3128	477863.09	3846377.25	5.03E-04	5.14E-04	4.90E-04	1.74E-07	5.25E-07	3.04E-07	3.11E-07	2.82E-07	1.26E-07	1.23E-07	5.81E-09	1.40E-07	3.10E-08	4.23E-08	6.70E-08	1.15E-08	6.44E-08	3.62E-07
3129	478363.09	3846377.25	4.96E-04	5.08E-04	4.84E-04	1.72E-07	5.19E-07	3.00E-07	3.07E-07	2.79E-07	1.24E-07	1.21E-07	5.74E-09	1.39E-07	3.06E-08	4.17E-08	6.62E-08	1.14E-08	6.36E-08	3.58E-07
3130	478863.09	3846377.25	5.19E-04	5.31E-04	5.06E-04	1.80E-07	5.42E-07	3.14E-07	3.21E-07	2.91E-07	1.30E-07	1.27E-07	6.00E-09	1.45E-07	3.20E-08	4.36E-08	6.92E-08	1.19E-08	6.65E-08	3.74E-07
3131	479363.09	3846377.25	5.24E-04	5.37E-04	5.12E-04	1.82E-07	5.48E-07	3.17E-07	3.25E-07	2.94E-07	1.31E-07	1.28E-07	6.06E-09	1.46E-07	3.23E-08	4.41E-08	7.00E-08	1.20E-08	6.72E-08	3.78E-07
3132	479863.09	3846377.25	5.10E-04	5.22E-04	4.98E-04	1.77E-07	5.33E-07	3.09E-07	3.16E-07	2.87E-07	1.28E-07	1.25E-07	5.90E-09	1.42E-07	3.14E-08	4.29E-08	6.81E-08	1.17E-08	6.54E-08	3.68E-07
3133	480363.09	3846377.25	5.17E-04	5.29E-04	5.04E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.29E-07	1.26E-07	5.98E-09	1.44E-07	3.19E-08	4.35E-08	6.90E-08	1.19E-08	6.62E-08	3.73E-07
3134	480863.09	3846377.25	4.65E-04	4.76E-04	4.54E-04	1.61E-07	4.87E-07	2.82E-07	2.88E-07	2.61E-07	1.16E-07	1.14E-07	5.38E-09	1.30E-07	2.87E-08	3.91E-08	6.21E-08	1.07E-08	5.96E-08	3.36E-07
3135	481363.09	3846377.25	4.61E-04	4.72E-04	4.49E-04	1.59E-07	4.82E-07	2.79E-07	2.85E-07	2.59E-07	1.15E-07	1.12E-07	5.33E-09	1.29E-07	2.84E-08	3.87E-08	6.15E-08	1.06E-08	5.90E-08	3.32E-07
3136	481863.09	3846377.25	4.34E-04	4.45E-04	4.24E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.09E-07	1.06E-07	5.02E-09	1.21E-07	2.68E-08	3.65E-08	5.79E-08	9.98E-09	5.56E-08	3.13E-07
3137	482363.09	3846377.25	3.96E-04	4.05E-04	3.86E-04	1.37E-07	4.14E-07	2.40E-07	2.45E-07	2.22E-07	9.91E-08	9.67E-08	4.58E-09	1.11E-07	2.44E-08	3.33E-08	5.28E-08	9.09E-09	5.07E-08	2.85E-07
3138	482863.09	3846377.25	3.38E-04	3.46E-04	3.30E-04	1.17E-07	3.53E-07	2.05E-07	2.09E-07	1.90E-07	8.46E-08	8.26E-08	3.91E-09	9.44E-08	2.08E-08	2.84E-08	4.51E-08	7.77E-09	4.33E-08	2.44E-07
3139	483363.09	3846377.25	3.59E-04	3.68E-04	3.50E-04	1.24E-07	3.76E-07	2.17E-07	2.23E-07	2.02E-07	8.99E-08	8.77E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.25E-09	4.60E-08	2.59E-07
3140	483863.09	3846377.25	3.57E-04	3.65E-04	3.48E-04	1.23E-07	3.73E-07	2.16E-07	2.21E-07	2.00E-07	8.93E-08	8.71E-08	4.12E-09	9.96E-08	2.20E-08	3.00E-08	4.76E-08	8.19E-09	4.57E-08	2.57E-07
3141	484363.09	3846377.25	3.27E-04	3.34E-04	3.19E-04	1.13E-07	3.42E-07	1.98E-07	2.02E-07	1.83E-07	8.18E-08	7.98E-08	3.78E-09	9.12E-08	2.01E-08	2.75E-08	4.36E-08	7.50E-09	4.19E-08	2.36E-07
3142	484863.09	3846377.25	3.62E-04	3.70E-04	3.53E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.06E-08	8.83E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.31E-09	4.64E-08	2.61E-07
3143	485363.09	3846377.25	3.62E-04	3.71E-04	3.53E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.06E-08	8.84E-08	4.19E-09	1.01E-07	2.23E-08	3.05E-08	4.83E-08	8.32E-09	4.64E-08	2.61E-07
3144	485863.09	3846377.25	3.37E-04	3.45E-04	3.29E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.89E-07	8.45E-08	8.24E-08	3.90E-09	9.42E-08	2.08E-08	2.84E-08	4.50E-08	7.75E-09	4.32E-08	2.43E-07
3145	486363.09	3846377.25	2.84E-04	2.91E-04	2.77E-04	9.85E-08	2.97E-07	1.72E-07	1.76E-07	1.60E-07	7.12E-08	6.94E-08	3.29E-09	7.94E-08	1.75E-08	2.39E-08	3.79E-08	6.53E-09	3.64E-08	2.05E-07
3146	486863.09	3846377.25	2.70E-04	2.77E-04	2.64E-04	9.36E-08	2.83E-07	1.64E-07	1.68E-07	1.52E-07	6.77E-08	6.60E-08	3.13E-09	7.55E-08	1.67E-08	2.27E-08	3.61E-08	6.21E-09	3.46E-08	1.95E-07
3147	487363.09	3846377.25	2.80E-04	2.86E-04	2.73E-04	9.68E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	7.00E-08	6.83E-08	3.23E-09	7.81E-08	1.72E-08	2.35E-08	3.73E-08	6.42E-09	3.58E-08	2.02E-07
3148	487863.09	3846377.25	3.12E-04	3.19E-04	3.04E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.81E-08	7.62E-08	3.61E-09	8.71E-08	1.92E-08	2.62E-08	4.16E-08	7.17E-09	4.00E-08	2.25E-07
3149	488363.09	3846377.25	3.05E-04	3.12E-04	2.97E-04	1.05E-07	3.18E-07	1.84E-07	1.89E-07	1.71E-07	7.62E-08	7.43E-08	3.52E-09	8.50E-08	1.88E-08	2.56E-08	4.06E-08	7.00E-09	3.90E-08	2.20E-07
3150	488863.09	3846377.25	3.01E-04	3.08E-04	2.93E-04	1.04E-07	3.14E-07	1.82E-07	1.86E-07	1.69E-07	7.53E-08	7.34E-08	3.48E-09	8.40E-08	1.85E-08	2.53E-08	4.01E-08	6.91E-09	3.85E-08	2.17E-07
3151	489363.09	3846377.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.08E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.20E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
3152	489863.09	3846377.25	2.75E-04	2.82E-04	2.69E-04	9.53E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	6.89E-08	6.72E-08	3.18E-09	7.69E-08	1.70E-08	2.32E-08	3.67E-08	6.33E-09	3.53E-08	1.99E-07
3153	490363.09	3846377.25	2.23E-04	2.28E-04	2.18E-04	7.72E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.58E-08	5.45E-08	2.58E-09	6.23E-08	1.37E-08	1.88E-08	2.98E-08	5.13E-09	2.86E-08	1.61E-07
3154	490863.09	3846377.25	2.03E-04	2.08E-04	1.98E-04	7.03E-08	2.12E-07	1.23E-07	1.26E-07	1.14E-07	5.08E-08	4.95E-08	2.35E-09	5.67E-08	1.25E-08	1.71E-08	2.71E-08	4.66E-09	2.60E-08	1.46E-07
3155	491363.09	3846377.25	1.98E-04	2.03E-04	1.93E-04	6.86E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	4.96E-08	4.84E-08	2.29E-09	5.54E-08	1.22E-08	1.67E-08	2.64E-08	4.55E-09	2.54E-08	1.43E-07
3156	491863.09	3846377.25	2.30E-04	2.36E-04	2.25E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.77E-08	5.62E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.29E-09	2.95E-08	1.66E-07
3157	492363.09	3846377.25	2.20E-04	2.26E-04	2.15E-04	7.63E-08	2.30E-07	1.33E-07	1.37E-07	1.24E-07	5.52E-08	5.38E-08	2.55E-09	6.15E-08	1.36E-08	1.85E-08	2.94E-08	5.06E-09	2.82E-08	1.59E-07
3158	492863.09	3846377.25	2.22E-04	2.27E-04	2.17E-04	7.69E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.56E-08	5.42E-08	2.57E-09	6.20E-08	1.37E-08	1.87E-08	2.96E-08	5.10E-09	2.85E-08	1.60E-07
3159	493363.09	3846377.25	2.45E-04	2.51E-04	2.39E-04	8.47E-08	2.56E-07	1.48E-07	1.52E-07	1.37E-07	6.13E-08	5.98E-08	2.83E-09	6.84E-08	1.51E-08	2.06E-08	3.27E-08	5.62E-09	3.14E-08	1.76E-07
3160	493863.09	3846377.25	2.54E-04	2.60E-04	2.48E-04	8.80E-08	2.66E-07	1.54E-07	1.57E-07	1.43E-07	6.36E-08	6.21E-08	2.94E-09	7.10E-08	1.57E-08	2.14E-08	3.39E-08	5.84E-09	3.26E-08	1.83E-07
3161	494363.09	3846377.25	2.61E-04	2.67E-04	2.55E-04	9.03E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.53E-08	6.37E-08	3.02E-09	7.29E-08	1.61E-08	2.19E-08	3.48E-08	5.99E-09	3.34E-08	1.88E-07
3162	494863.09	3846377.25	2.65E-04	2.71E-04	2.59E-04	9.18E-08	2.77E-07	1.60E-07	1.64E-07	1.49E-07	6.64E-08	6.47E-08	3.07E-09	7.41E-08	1.63E-08	2.23E-08	3.54E-08	6.09E-09	3.40E-08	1.91E-07
3163	495363.09	3846377.25	2.68E-04	2.75E-04	2.62E-04	9.28E-08	2.80E-07	1.62E-07	1.66E-07	1.51E-07	6.71E-08	6.55E-08	3.10E-09	7.49E-08	1.65E-08	2.26E-08	3.58E-08	6.16E-09	3.44E-08	1.93E-07
3164	495863.09	3846377.25	2.75E-04	2.81E-04	2.68E-04	9.52E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.88E-08	6.71E-08	3.18E-09	7.68E-08	1.69E-08	2.31E-08	3.67E-08	6.31E-09	3.52E-08	1.98E-07
3165	496363.09	3846377.25	2.80E-04	2.87E-04	2.73E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.57E-07	7.02E-08	6.84E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.74E-08	6.44E-09	3.59E-08	2.02E-07
3166	496863.09	3846377.25	2.83E-04	2.90E-04	2.76E-04	9.80E-08	2.96E-07	1.71E-07	1.75E-07	1.59E-07	7.09E-08	6.91E-08	3.27E-09	7.91E-08	1.74E-08	2.38E-08	3.78E-08	6.50E-09	3.63E-08	2.04E-07
3167	497363.09	3846377.25	2.84E-04	2.91E-04	2.77E-04	9.83E-08	2.97E-07	1.72E-07	1.76E-07	1.59E-07	7.11E-08	6.93E-08	3.28E-09	7.93E-08	1.75E-08	2.39E-08	3.79E-08	6.52E-09	3.64E-08	2.05E-07
3168	497863.09	3846377.25	2.81E-04	2.88E-04	2.74E-04	9.74E-08	2.94E-07	1.70E-07	1.74E-07	1.58E-07	7.04E-08	6.87E-08	3.25E-09	7.86E-08	1.73E-08	2.37E-08	3.75E-08	6.46E-09	3.61E-08	2.03E-07
3169	498363.09	3846377.25	2.77E-04	2.83E-04	2.70E-04	9.58E-08	2.89E-07	1.67E-07	1.71E-07	1.55E-07	6.92E-08	6.75E-08	3.20E-09	7.73E-08	1.70E-08	2.33E-08	3.69E-08	6.36E-09	3.54E-08	1.99E-07
3170	471363.09	3846877.25	6.02E-04	6.16E-04	5.87E-04	2.08E-07	6.29E-07	3.64E-07	3.73E-07	3.38E-07	1.51E-07	1.47E-07	6.96E-09	1.68E-07	3.71E-08	5.06E-08	8.03E-08	1.38E-08	7.71E-08	4.34E-07
3171	471863.09	3846877.25	7.11E-04	7.28E-04	6.93E-04	2.46E-07	7.43E-07	4.30E-07	4.40E-07	3.99E-07	1.78E-07	1.73E-07	8.22E-09	1.98E-07	4.38E-08	5.98E-08	9.48E-08	1.63E-08	9.11E-08	5.12E-07
3172	472363.09	3846877.25	7.73E-04	7.91E-04	7.53E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.34E-07	1.93E-07	1.89E-07	8.93E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.77E-08	9.90E-08	5.57E-07
3173	472863.09	3846877.25	3.43E-04	3.51E-04	3.34E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.58E-08	8.36E-08	3.96E-09	9.57E-08	2.11E-08	2.88E-08	4.57E-08	7.87E-09	4.39E-08	2.47E-07
3174	473363.09	3846877.25	4.32E-04	4.42E-04	4.21E-04	1.49E-07	4.51E-07	2.61E-07	2.67E-07	2.42E-07	1.08E-07	1.05E-07	4.99E-09	1.21E-07	2.66E-08	3.63E-08	5.76E-08	9.92E-09	5.53E-08	3.11E-07
3175	473863.09	3846877.25	5.20E-04	5.32E-04	5.07E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.30E-07	1.27E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.19E-08	6.66E-08	3.75E-07
3176	474363.09	3846877.25	5.13E-04	5.25E-04	5.00E-04	1.78E-07	5.36E-07	3.10E-07	3.18E-07	2.88E-07	1.28E-07	1.25E-07	5.93E-09	1.43E-07	3.16E-08	4.31E-08	6.84E-08	1.18E-08	6.57E-08	3.70E-07
3177	474863.09	3846877.25	5.37E-04	5.49E-04	5.23E-04	1.86E-07	5.61E-07	3.25E-07	3.32E-07	3.01E-07	1.34E-07	1.31E-07	6.20E-09	1.50E-07	3.31E-08	4.51E-08	7.16E-08	1.23E-08	6.88E-08	3.87E-07
3178	475363.09	3846877.25	5.72E-04	5.85E-04	5.57E-04	1.98E-07	5.97E-07	3.46E-07	3.54E-07	3.21E-07	1.43E-07	1.40E-07	6.61E-09	1.60E-07	3.52E-08	4.81E-08	7.62E-08	1.31E-08	7.32E-08	4.12E-07
3179	475863.09	3846877.25	7.83E-04	8.02E-04	7.64E-04	2.71E-07	8.19E-07	4.74E-07	4.85E-07	4.40E-07	1.96E-07	1.91E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
3180	476363.09	3846877.25	9.09E-04	9.30E-04	8.86E-04	3.15E-07	9.50E-07	5.50E-07	5.63E-07	5.10E-07	2.27E-07	2.22E-07	1.05E-08	2.54E-07	5.60E-08	7.64E-08	1.21E-07	2.09E-08	1.16E-07	6.55E-07
3181	476863.09	3846877.25	9.13E-04	9.34E-04	8.90E-04	3.16E-07	9.54E-07	5.52E-07	5.65E-07	5.12E-07	2.28E-07	2.23E-07	1.06E-08	2.55E-07	5.62E-08	7.68E-08	1.22E-07	2.10E-08	1.17E-07	6.58E-07
3182	477363.09	3846877.25	9.15E-04	9.36E-04	8.92E-04	3.17E-07	9.56E-07	5.53E-07	5.67E-07	5.14E-07	2.29E-07	2.23E-07	1.06E-08	2.55E-07	5.64E-08	7.69E-08	1.22E-07	2.10E-08	1.17E-07	6.59E-07
3183	477863.09	3846877.25	8.77E-04	8.98E-04	8.55E-04	3.04E-07	9.17E-07	5.31E-07	5.43E-07	4.92E-07	2.20E-07	2.14E-07	1.01E-08	2.45E-07	5.40E-08	7.38E-08	1.17E-07	2.01E-08	1.12E-07	6.32E-07
3184	478363.09	3846877.25	8.60E-04	8.81E-04	8.39E-04	2.98E-07	8.99E-07	5.20E-07	5.33E-07	4.83E-07	2.15E-07	2.10E-07	9.94E-09	2.40E-07	5.30E-08	7.23E-08	1.15E-07	1.98E-08	1.10E-07	6.20E-07
3185	478863.09	3846877.25	8.68E-04	8.89E-04	8.47E-04	3.01E-07	9.08E-07	5.25E-07	5.38E-07	4.88E-07	2.17E-07	2.12E-07	1.00E-08	2.42E-07	5.35E-08	7.30E-08	1.16E-07	1.99E-08	1.11E-07	6.26E-07
3186	479363.09	3846877.25	8.34E-04	8.54E-04	8.14E-04	2.89E-07	8.72E-07	5.05E-07	5.17E-07	4.68E-07	2.09E-07	2.04E-07	9.64E-09	2.33E-07	5.14E-08	7.02E-08	1.11E-07	1.92E-08	1.07E-07	6.01E-07
3187	479863.09	3846877.25	7.02E-04	7.18E-04	6.84E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.94E-07	1.76E-07	1.71E-07	8.11E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.61E-08	8.99E-08	5.06E-07
3188	480363.09	3846877.25	6.25E-04	6.40E-04	6.09E-04	2.16E-07	6.53E-07	3.78E-07	3.87E-07	3.51E-07	1.56E-07	1.53E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.34E-08	1.44E-08	8.00E-08	4.50E-07
3189	480863.09	3846877.25	5.93E-04	6.07E-04	5.78E-04	2.05E-07	6.20E-07	3.59E-07	3.67E-07	3.33E-07	1.48E-07	1.45E-07	6.85E-09	1.66E-07	3.65E-08	4.98E-08	7.91E-08	1.36E-08	7.59E-08	4.27E-07
3190	481363.09	3846877.25	6.17E-04	6.31E-04	6.02E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.46E-07	1.54E-07	1.51E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.42E-08	7.90E-08	4.45E-07
3191	481863.09	3846877.25	6.02E-04	6.17E-04	5.88E-04	2.09E-07	6.30E-07	3.65E-07	3.73E-07	3.38E-07	1.51E-07	1.47E-07	6.96E-09	1.68E-07	3.71E-08	5.07E-08	8.04E-08	1.38E-08	7.72E-08	4.34E-07
3192	482363.09	3846877.25	5.28E-04	5.41E-04	5.15E-04	1.83E-07	5.52E-07	3.20E-07	3.27E-07	2.97E-07	1.32E-07	1.29E-07	6.11E-09	1.48E-07	3.26E-08	4.44E-08	7.05E-08	1.21E-08	6.77E-08	3.81E-07
3193	482863.09	3846877.25	5.15E-04	5.27E-04	5.02E-04	1.78E-07	5.38E-07	3.11E-07	3.19E-07	2.89E-07	1.29E-07	1.26E-07	5.95E-09	1.44E-07	3.17E-08	4.33E-08	6.86E-08	1.18E-08	6.59E-08	3.71E-07
3194	483363.09	3846877.25	4.99E-04	5.11E-04	4.87E-04	1.73E-07	5.22E-07	3.02E-07	3.09E-07	2.80E-07	1.25E-07	1.22E-07	5.77E-09	1.39E-07	3.08E-08	4.20E-08	6.66E-08	1.15E-08	6.40E-08	3.60E-07
3195	483863.09	3846877.25	4.88E-04	4.99E-04	4.76E-04	1.69E-07	5.10E-07	2.95E-07	3.02E-07	2.74E-07	1.22E-07	1.19E-07	5.64E-09	1.36E-07	3.01E-08	4.10E-08	6.51E-08	1.12E-08	6.25E-08	3.52E-07
3196	484363.09	3846877.25	4.88E-04	4.99E-04	4.76E-04	1.69E-07	5.10E-07	2.95E-07	3.02E-07	2.74E-07	1.22E-07	1.19E-07	5.64E-09	1.36E-07	3.01E-08	4.10E-08	6.51E-08	1.12E-08	6.25E-08	3.52E-07
3197	484863.09	3846877.25	4.72E-04	4.83E-04	4.60E-04	1.63E-07	4.93E-07	2.85E-07	2.92E-07	2.65E-07	1.18E-07	1.15E-07	5.45E-09	1.32E-07	2.91E-08	3.97E-08	6.29E-08	1.08E-08	6.04E-08	3.40E-07
3198	485363.09	3846877.25	4.71E-04	4.83E-04	4.60E-04	1.63E-07	4.93E-07	2.85E-07	2.92E-07	2.65E-07	1.18E-07	1.15E-07	5.45E-09	1.32E-07	2.90E-08	3.96E-08	6.29E-08	1.08E-08	6.04E-08	3.40E-07
3199	485863.09	3846877.25	4.44E-04	4.54E-04	4.33E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.49E-07	1.11E-07	1.08E-07	5.13E-09	1.24E-07	2.73E-08	3.73E-08	5.92E-08	1.02E-08	5.69E-08	3.20E-07
3200	486363.09	3846877.25	4.62E-04	4.73E-04	4.51E-04	1.60E-07	4.83E-07	2.80E-07	2.86E-07	2.59E-07	1.16E-07	1.13E-07	5.34E-09	1.29E-07	2.85E-08	3.88E-08	6.16E-08	1.06E-08	5.92E-08	3.33E-07
3201	486863.09	3846877.25	3.92E-04	4.02E-04	3.83E-04	1.36E-07	4.10E-07	2.37E-07	2.43E-07	2.20E-07	9.82E-08	9.57E-08	4.53E-09	1.10E-07	2.42E-08	3.30E-08	5.23E-08	9.01E-09	5.02E-08	2.83E-07
3202	487363.09	3846877.25	3.98E-04	4.08E-04	3.88E-04	1.38E-07	4.16E-07	2.41E-07	2.47E-07	2.24E-07	9.97E-08	9.72E-08	4.60E-09	1.11E-07	2.45E-08	3.35E-08	5.31E-08	9.15E-09	5.10E-08	2.87E-07
3203	487863.09	3846877.25	3.91E-04	4.00E-04	3.81E-04	1.35E-07	4.08E-07	2.36E-07	2.42E-07	2.19E-07	9.78E-08	9.54E-08	4.52E-09	1.09E-07	2.41E-08	3.29E-08	5.21E-08	8.97E-09	5.01E-08	2.82E-07
3204	488363.09	3846877.25	3.74E-04	3.83E-04	3.65E-04	1.29E-07	3.91E-07	2.26E-07	2.32E-07	2.10E-07	9.36E-08	9.13E-08	4.32E-09	1.04E-07	2.30E-08	3.15E-08	4.99E-08	8.59E-09	4.79E-08	2.70E-07
3205	488863.09	3846877.25	3.69E-04	3.78E-04	3.60E-04	1.28E-07	3.86E-07	2.23E-07	2.28E-07	2.07E-07	9.23E-08	9.00E-08	4.26E-09	1.03E-07	2.27E-08	3.10E-08	4.92E-08	8.47E-09	4.72E-08	2.66E-07
3206	489363.09	3846877.25	3.62E-04	3.71E-04	3.53E-04	1.25E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.07E-08	8.84E-08	4.19E-09	1.01E-07	2.23E-08	3.05E-08	4.83E-08	8.32E-09	4.64E-08	2.61E-07
3207	489863.09	3846877.25	3.40E-04	3.48E-04	3.32E-04	1.18E-07	3.55E-07	2.06E-07	2.11E-07	1.91E-07	8.51E-08	8.30E-08	3.93E-09	9.49E-08	2.09E-08	2.86E-08	4.53E-08	7.81E-09	4.35E-08	2.45E-07
3208	490363.09	3846877.25	2.84E-04	2.91E-04	2.77E-04	9.85E-08	2.97E-07	1.72E-07	1.76E-07	1.60E-07	7.12E-08	6.94E-08	3.29E-09	7.94E-08	1.75E-08	2.39E-08	3.79E-08	6.53E-09	3.64E-08	2.05E-07
3209	490863.09	3846877.25	2.68E-04	2.74E-04	2.61E-04	9.28E-08	2.80E-07	1.62E-07	1.66E-07	1.50E-07	6.71E-08	6.54E-08	3.10E-09	7.48E-08	1.65E-08	2.25E-08	3.57E-08	6.15E-09	3.43E-08	1.93E-07
3210	491363.09	3846877.25	2.63E-04	2.70E-04	2.57E-04	9.12E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.59E-08	6.43E-08	3.05E-09	7.36E-08	1.62E-08	2.22E-08	3.51E-08	6.05E-09	3.38E-08	1.90E-07
3211	491863.09	3846877.25	2.44E-04	2.50E-04	2.38E-04	8.44E-08	2.55E-07	1.48E-07	1.51E-07	1.37E-07	6.10E-08	5.95E-08	2.82E-09	6.81E-08	1.50E-08	2.05E-08	3.25E-08	5.60E-09	3.12E-08	1.76E-07
3212	492363.09	3846877.25	2.80E-04	2.86E-04	2.73E-04	9.68E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	7.00E-08	6.83E-08	3.23E-09	7.81E-08	1.72E-08	2.35E-08	3.73E-08	6.42E-09	3.58E-08	2.02E-07
3213	492863.09	3846877.25	2.79E-04	2.86E-04	2.73E-04	9.67E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	6.99E-08	6.82E-08	3.23E-09	7.80E-08	1.72E-08	2.35E-08	3.73E-08	6.42E-09	3.58E-08	2.01E-07
3214	493363.09	3846877.25	2.89E-04	2.95E-04	2.82E-04	9.99E-08	3.02E-07	1.75E-07	1.79E-07	1.62E-07	7.22E-08	7.05E-08	3.34E-09	8.06E-08	1.78E-08	2.43E-08	3.85E-08	6.63E-09	3.70E-08	2.08E-07
3215	493863.09	3846877.25	2.92E-04	2.99E-04	2.85E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.31E-08	7.13E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.71E-09	3.74E-08	2.11E-07
3216	494363.09	3846877.25	2.90E-04	2.97E-04	2.83E-04	1.00E-07	3.03E-07	1.76E-07	1.80E-07	1.63E-07	7.26E-08	7.08E-08	3.35E-09	8.10E-08	1.79E-08	2.44E-08	3.87E-08	6.66E-09	3.72E-08	2.09E-07
3217	494863.09	3846877.25	2.91E-04	2.98E-04	2.84E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.29E-08	7.11E-08	3.37E-09	8.13E-08	1.79E-08	2.45E-08	3.88E-08	6.69E-09	3.73E-08	2.10E-07
3218	495363.09	3846877.25	2.91E-04	2.98E-04	2.84E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.28E-08	7.10E-08	3.36E-09	8.12E-08	1.79E-08	2.45E-08	3.88E-08	6.68E-09	3.73E-08	2.10E-07
3219	495863.09	3846877.25	2.91E-04	2.97E-04	2.83E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.27E-08	7.09E-08	3.36E-09	8.12E-08	1.79E-08	2.44E-08	3.88E-08	6.68E-09	3.72E-08	2.10E-07
3220	496363.09	3846877.25	2.92E-04	2.99E-04	2.85E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.31E-08	7.12E-08	3.37E-09	8.15E-08	1.80E-08	2.45E-08	3.89E-08	6.70E-09	3.74E-08	2.10E-07
3221	496863.09	3846877.25	2.97E-04	3.04E-04	2.90E-04	1.03E-07	3.11E-07	1.80E-07	1.84E-07	1.67E-07	7.44E-08	7.26E-08	3.44E-09	8.30E-08	1.83E-08	2.50E-08	3.97E-08	6.83E-09	3.81E-08	2.14E-07
3222	497363.09	3846877.25	3.07E-04	3.14E-04	2.99E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.68E-08	7.49E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.09E-08	7.05E-09	3.93E-08	2.21E-07
3223	497863.09	3846877.25	3.12E-04	3.19E-04	3.04E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.80E-08	7.60E-08	3.60E-09	8.70E-08	1.92E-08	2.62E-08	4.16E-08	7.16E-09	3.99E-08	2.25E-07
3224	498363.09	3846877.25	3.03E-04	3.10E-04	2.95E-04	1.05E-07	3.17E-07	1.83E-07	1.88E-07	1.70E-07	7.58E-08	7.39E-08	3.50E-09	8.46E-08	1.87E-08	2.55E-08	4.04E-08	6.96E-09	3.88E-08	2.18E-07
3225	471363.09	3847377.25	7.17E-04	7.34E-04	6.99E-04	2.48E-07	7.49E-07	4.34E-07	4.44E-07	4.02E-07	1.79E-07	1.75E-07	8.29E-09	2.00E-07	4.42E-08	6.03E-08	9.56E-08	1.65E-08	9.18E-08	5.17E-07

3226	471863.09	3847377.25	8.21E-04	8.41E-04	8.01E-04	2.84E-07	8.58E-07	4.97E-07	5.09E-07	4.61E-07	2.06E-07	2.00E-07	9.49E-09	2.29E-07	5.06E-08	6.91E-08	1.10E-07	1.89E-08	1.05E-07	5.92E-07
3227	472363.09	3847377.25	9.87E-04	1.01E-03	9.63E-04	3.42E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.47E-07	2.41E-07	1.14E-08	2.76E-07	6.08E-08	8.30E-08	1.32E-07	2.27E-08	1.26E-07	7.12E-07
3228	472863.09	3847377.25	1.25E-03	1.28E-03	1.22E-03	4.31E-07	1.30E-06	7.54E-07	7.72E-07	7.00E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.99E-07
3229	473363.09	3847377.25	8.56E-04	8.76E-04	8.35E-04	2.96E-07	8.94E-07	5.18E-07	5.30E-07	4.80E-07	2.14E-07	2.09E-07	9.89E-09	2.39E-07	5.27E-08	7.20E-08	1.14E-07	1.97E-08	1.10E-07	6.17E-07
3230	473863.09	3847377.25	8.67E-04	8.88E-04	8.46E-04	3.00E-07	9.07E-07	5.25E-07	5.37E-07	4.87E-07	2.17E-07	2.12E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	1.99E-08	1.11E-07	6.25E-07
3231	474363.09	3847377.25	9.99E-04	1.02E-03	9.74E-04	3.46E-07	1.04E-06	6.05E-07	6.19E-07	5.61E-07	2.50E-07	2.44E-07	1.15E-08	2.79E-07	6.16E-08	8.40E-08	1.33E-07	2.29E-08	1.28E-07	7.20E-07
3232	474863.09	3847377.25	1.07E-03	1.09E-03	1.04E-03	3.70E-07	1.12E-06	6.47E-07	6.62E-07	6.00E-07	2.67E-07	2.61E-07	1.24E-08	2.98E-07	6.58E-08	8.99E-08	1.43E-07	2.45E-08	1.37E-07	7.70E-07
3233	475363.09	3847377.25	1.19E-03	1.21E-03	1.16E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.66E-07	2.97E-07	2.89E-07	1.37E-08	3.31E-07	7.31E-08	9.97E-08	1.58E-07	2.72E-08	1.52E-07	8.55E-07
3234	475863.09	3847377.25	1.59E-03	1.63E-03	1.55E-03	5.51E-07	1.66E-06	9.63E-07	9.86E-07	8.94E-07	3.98E-07	3.89E-07	1.84E-08	4.45E-07	9.81E-08	1.34E-07	2.12E-07	3.66E-08	2.04E-07	1.15E-06
3235	476363.09	3847377.25	1.90E-03	1.94E-03	1.85E-03	6.57E-07	1.98E-06	1.15E-06	1.18E-06	1.07E-06	4.75E-07	4.63E-07	2.19E-08	5.30E-07	1.17E-07	1.60E-07	2.53E-07	4.36E-08	2.43E-07	1.37E-06
3236	476863.09	3847377.25	1.78E-03	1.82E-03	1.73E-03	6.15E-07	1.86E-06	1.07E-06	1.10E-06	9.97E-07	4.44E-07	4.33E-07	2.05E-08	4.96E-07	1.09E-07	1.49E-07	2.37E-07	4.08E-08	2.27E-07	1.28E-06
3237	477363.09	3847377.25	1.70E-03	1.74E-03	1.66E-03	5.88E-07	1.78E-06	1.03E-06	1.05E-06	9.54E-07	4.25E-07	4.15E-07	1.96E-08	4.74E-07	1.05E-07	1.43E-07	2.27E-07	3.90E-08	2.18E-07	1.23E-06
3238	477863.09	3847377.25	1.56E-03	1.60E-03	1.52E-03	5.40E-07	1.63E-06	9.43E-07	9.66E-07	8.75E-07	3.90E-07	3.81E-07	1.80E-08	4.35E-07	9.61E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
3239	478363.09	3847377.25	1.48E-03	1.51E-03	1.44E-03	5.11E-07	1.54E-06	8.94E-07	9.15E-07	8.29E-07	3.70E-07	3.60E-07	1.71E-08	4.12E-07	9.10E-08	1.24E-07	1.97E-07	3.39E-08	1.89E-07	1.06E-06
3240	478863.09	3847377.25	1.43E-03	1.46E-03	1.39E-03	4.93E-07	1.49E-06	8.63E-07	8.83E-07	8.00E-07	3.57E-07	3.48E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.27E-08	1.83E-07	1.03E-06
3241	479363.09	3847377.25	1.19E-03	1.21E-03	1.16E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.65E-07	2.97E-07	2.89E-07	1.37E-08	3.31E-07	7.30E-08	9.97E-08	1.58E-07	2.72E-08	1.52E-07	8.54E-07
3242	479863.09	3847377.25	9.21E-04	9.43E-04	8.99E-04	3.19E-07	9.63E-07	5.58E-07	5.71E-07	5.17E-07	2.31E-07	2.25E-07	1.07E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.64E-07
3243	480363.09	3847377.25	6.93E-04	7.09E-04	6.75E-04	2.40E-07	7.24E-07	4.19E-07	4.29E-07	3.89E-07	1.73E-07	1.69E-07	8.01E-09	1.93E-07	4.27E-08	5.82E-08	9.24E-08	1.59E-08	8.87E-08	4.99E-07
3244	480863.09	3847377.25	6.23E-04	6.38E-04	6.07E-04	2.16E-07	6.51E-07	3.77E-07	3.86E-07	3.50E-07	1.56E-07	1.52E-07	7.20E-09	1.74E-07	3.84E-08	5.24E-08	8.31E-08	1.43E-08	7.98E-08	4.49E-07
3245	481363.09	3847377.25	6.81E-04	6.97E-04	6.64E-04	2.36E-07	7.11E-07	4.12E-07	4.22E-07	3.82E-07	1.70E-07	1.66E-07	7.87E-09	1.90E-07	4.19E-08	5.72E-08	9.08E-08	1.56E-08	8.72E-08	4.91E-07
3246	481863.09	3847377.25	8.16E-04	8.35E-04	7.96E-04	2.82E-07	8.53E-07	4.94E-07	5.05E-07	4.58E-07	2.04E-07	1.99E-07	9.43E-09	2.28E-07	5.03E-08	6.86E-08	1.09E-07	1.87E-08	1.05E-07	5.88E-07
3247	482363.09	3847377.25	7.81E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.38E-07	1.95E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
3248	482863.09	3847377.25	7.25E-04	7.42E-04	7.07E-04	2.51E-07	7.57E-07	4.39E-07	4.49E-07	4.07E-07	1.81E-07	1.77E-07	8.38E-09	2.02E-07	4.47E-08	6.09E-08	9.67E-08	1.66E-08	9.28E-08	5.22E-07
3249	483363.09	3847377.25	6.72E-04	6.88E-04	6.55E-04	2.33E-07	7.02E-07	4.07E-07	4.16E-07	3.77E-07	1.68E-07	1.64E-07	7.77E-09	1.88E-07	4.14E-08	5.65E-08	8.96E-08	1.54E-08	8.61E-08	4.84E-07
3250	483863.09	3847377.25	6.53E-04	6.69E-04	6.37E-04	2.26E-07	6.83E-07	3.95E-07	4.05E-07	3.67E-07	1.63E-07	1.59E-07	7.55E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.50E-08	8.37E-08	4.71E-07
3251	484363.09	3847377.25	6.72E-04	6.88E-04	6.56E-04	2.33E-07	7.03E-07	4.07E-07	4.16E-07	3.77E-07	1.68E-07	1.64E-07	7.77E-09	1.88E-07	4.14E-08	5.65E-08	8.97E-08	1.54E-08	8.61E-08	4.85E-07
3252	484863.09	3847377.25	6.39E-04	6.54E-04	6.23E-04	2.21E-07	6.67E-07	3.86E-07	3.95E-07	3.59E-07	1.60E-07	1.56E-07	7.38E-09	1.78E-07	3.93E-08	5.37E-08	8.52E-08	1.47E-08	8.18E-08	4.60E-07
3253	485363.09	3847377.25	6.21E-04	6.36E-04	6.06E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.55E-07	1.52E-07	7.18E-09	1.73E-07	3.83E-08	5.22E-08	8.29E-08	1.43E-08	7.96E-08	4.48E-07
3254	485863.09	3847377.25	6.18E-04	6.33E-04	6.03E-04	2.14E-07	6.46E-07	3.74E-07	3.83E-07	3.47E-07	1.55E-07	1.51E-07	7.15E-09	1.73E-07	3.81E-08	5.20E-08	8.25E-08	1.42E-08	7.92E-08	4.46E-07
3255	486363.09	3847377.25	6.12E-04	6.26E-04	5.97E-04	2.12E-07	6.40E-07	3.70E-07	3.79E-07	3.44E-07	1.53E-07	1.49E-07	7.07E-09	1.71E-07	3.77E-08	5.15E-08	8.16E-08	1.41E-08	7.84E-08	4.41E-07
3256	486863.09	3847377.25	5.42E-04	5.55E-04	5.29E-04	1.88E-07	5.67E-07	3.28E-07	3.36E-07	3.05E-07	1.36E-07	1.32E-07	6.27E-09	1.51E-07	3.34E-08	4.56E-08	7.24E-08	1.25E-08	6.95E-08	3.91E-07
3257	487363.09	3847377.25	5.39E-04	5.52E-04	5.26E-04	1.87E-07	5.64E-07	3.26E-07	3.34E-07	3.03E-07	1.35E-07	1.32E-07	6.23E-09	1.51E-07	3.32E-08	4.53E-08	7.19E-08	1.24E-08	6.91E-08	3.89E-07
3258	487863.09	3847377.25	4.91E-04	5.02E-04	4.78E-04	1.70E-07	5.13E-07	2.97E-07	3.04E-07	2.75E-07	1.23E-07	1.20E-07	5.67E-09	1.37E-07	3.02E-08	4.13E-08	6.54E-08	1.13E-08	6.28E-08	3.54E-07
3259	488363.09	3847377.25	4.69E-04	4.80E-04	4.58E-04	1.62E-07	4.90E-07	2.84E-07	2.91E-07	2.63E-07	1.17E-07	1.15E-07	5.42E-09	1.31E-07	2.89E-08	3.95E-08	6.26E-08	1.08E-08	6.01E-08	3.38E-07
3260	488863.09	3847377.25	4.56E-04	4.67E-04	4.45E-04	1.58E-07	4.77E-07	2.76E-07	2.82E-07	2.56E-07	1.14E-07	1.11E-07	5.27E-09	1.27E-07	2.81E-08	3.83E-08	6.08E-08	1.05E-08	5.84E-08	3.29E-07
3261	489363.09	3847377.25	4.44E-04	4.55E-04	4.33E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.49E-07	1.11E-07	1.08E-07	5.13E-09	1.24E-07	2.74E-08	3.73E-08	5.92E-08	1.02E-08	5.69E-08	3.20E-07
3262	489863.09	3847377.25	4.03E-04	4.12E-04	3.93E-04	1.39E-07	4.21E-07	2.44E-07	2.50E-07	2.26E-07	1.01E-07	9.84E-08	4.66E-09	1.13E-07	2.48E-08	3.39E-08	5.38E-08	9.26E-09	5.16E-08	2.91E-07
3263	490363.09	3847377.25	3.65E-04	3.74E-04	3.56E-04	1.26E-07	3.82E-07	2.21E-07	2.26E-07	2.05E-07	9.14E-08	8.91E-08	4.22E-09	1.02E-07	2.25E-08	3.07E-08	4.87E-08	8.39E-09	4.68E-08	2.63E-07
3264	490863.09	3847377.25	3.53E-04	3.61E-04	3.44E-04	1.22E-07	3.69E-07	2.13E-07	2.18E-07	1.98E-07	8.83E-08	8.61E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.70E-08	8.10E-09	4.52E-08	2.54E-07
3265	491363.09	3847377.25	3.35E-04	3.43E-04	3.27E-04	1.16E-07	3.51E-07	2.03E-07	2.08E-07	1.88E-07	8.40E-08	8.19E-08	3.88E-09	9.37E-08	2.07E-08	2.82E-08	4.48E-08	7.70E-09	4.30E-08	2.42E-07
3266	491863.09	3847377.25	3.50E-04	3.58E-04	3.41E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.96E-07	8.76E-08	8.54E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.04E-09	4.48E-08	2.52E-07
3267	492363.09	3847377.25	3.33E-04	3.41E-04	3.25E-04	1.15E-07	3.48E-07	2.02E-07	2.06E-07	1.87E-07	8.34E-08	8.13E-08	3.85E-09	9.30E-08	2.05E-08	2.80E-08	4.45E-08	7.65E-09	4.27E-08	2.40E-07
3268	492863.09	3847377.25	3.36E-04	3.44E-04	3.28E-04	1.16E-07	3.52E-07	2.04E-07	2.08E-07	1.89E-07	8.42E-08	8.21E-08	3.89E-09	9.39E-08	2.07E-08	2.83E-08	4.49E-08	7.73E-09	4.31E-08	2.43E-07
3269	493363.09	3847377.25	3.33E-04	3.41E-04	3.25E-04	1.15E-07	3.49E-07	2.02E-07	2.07E-07	1.87E-07	8.35E-08	8.14E-08	3.85E-09	9.31E-08	2.05E-08	2.80E-08	4.45E-08	7.66E-09	4.27E-08	2.40E-07
3270	493863.09	3847377.25	3.19E-04	3.26E-04	3.11E-04	1.10E-07	3.33E-07	1.93E-07	1.97E-07	1.79E-07	7.97E-08	7.77E-08	3.68E-09	8.89E-08	1.96E-08	2.68E-08	4.25E-08	7.32E-09	4.08E-08	2.30E-07
3271	494363.09	3847377.25	3.06E-04	3.13E-04	2.99E-04	1.06E-07	3.20E-07	1.85E-07	1.90E-07	1.72E-07	7.66E-08	7.47E-08	3.54E-09	8.55E-08	1.89E-08	2.57E-08	4.08E-08	7.03E-09	3.92E-08	2.21E-07
3272	494863.09	3847377.25	3.00E-04	3.07E-04	2.93E-04	1.04E-07	3.14E-07	1.82E-07	1.86E-07	1.69E-07	7.52E-08	7.33E-08	3.47E-09	8.39E-08	1.85E-08	2.53E-08	4.01E-08	6.90E-09	3.85E-08	2.17E-07
3273	495363.09	3847377.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.08E-07	1.78E-07	1.83E-07	1.66E-07	7.38E-08	7.20E-08	3.41E-09	8.23E-08	1.82E-08	2.48E-08	3.93E-08	6.77E-09	3.78E-08	2.13E-07
3274	495863.09	3847377.25	2.95E-04	3.02E-04	2.87E-04	1.02E-07	3.08E-07	1.78E-07	1.82E-07	1.65E-07	7.37E-08	7.19E-08	3.41E-09	8.23E-08	1.82E-08	2.48E-08	3.93E-08	6.77E-09	3.77E-08	2.12E-07
3275	496363.09	3847377.25	2.92E-04	2.99E-04	2.85E-04	1.01E-07	3.06E-07	1.77E-07	1.81E-07	1.64E-07	7.32E-08	7.14E-08	3.38E-09	8.16E-08	1.80E-08	2.46E-08	3.90E-08	6.72E-09	3.75E-08	2.11E-07
3276	496863.09	3847377.25	3.01E-04	3.08E-04	2.94E-04	1.04E-07	3.15E-07	1.82E-07	1.86E-07	1.69E-07	7.54E-08	7.35E-08	3.48E-09	8.41E-08	1.86E-08	2.53E-08	4.02E-08	6.92E-09	3.86E-08	2.17E-07
3277	497363.09	3847377.25	3.16E-04	3.24E-04	3.08E-04	1.09E-07	3.31E-07	1.91E-07	1.96E-07	1.78E-07	7.92E-08	7.72E-08	3.66E-09	8.83E-08	1.95E-08	2.66E-08	4.22E-08	7.26E-09	4.05E-08	2.28E-07
3278	497863.09	3847377.25	3.35E-04	3.43E-04	3.27E-04	1.16E-07	3.51E-07	2.03E-07	2.08E-07	1.88E-07	8.40E-08	8.19E-08	3.88E-09	9.37E-08	2.07E-08	2.82E-08	4.48E-08	7.70E-09	4.30E-08	2.42E-07
3279	498363.09	3847377.25	3.32E-04	3.40E-04	3.24E-04	1.15E-07	3.47E-07	2.01E-07	2.06E-07	1.87E-07	8.31E-08	8.11E-08	3.84E-09	9.28E-08	2.05E-08	2.79E-08	4.43E-08	7.63E-09	4.26E-08	2.40E-07
3280	471363.09	3847877.25	8.58E-04	8.78E-04	8.37E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.82E-07	2.15E-07	2.09E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	1.97E-08	1.10E-07	6.18E-07
3281	471863.09	3847877.25	1.02E-03	1.04E-03	9.93E-04	3.53E-07	1.06E-06	6.16E-07	6.31E-07	5.72E-07	2.55E-07	2.49E-07	1.18E-08	2.84E-07	6.27E-08	8.56E-08	1.36E-07	2.34E-08	1.30E-07	7.34E-07
3282	472363.09	3847877.25	1.25E-03	1.27E-03	1.21E-03	4.31E-07	1.30E-06	7.54E-07	7.71E-07	6.99E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.67E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.98E-07
3283	472863.09	3847877.25	1.66E-03	1.70E-03	1.62E-03	5.74E-07	1.73E-06	1.00E-06	1.03E-06	9.31E-07	4.15E-07	4.05E-07	1.92E-08	4.63E-07	1.02E-07	1.39E-07	2.21E-07	3.81E-08	2.12E-07	1.20E-06
3284	473363.09	3847877.25	2.71E-03	2.77E-03	2.64E-03	9.38E-07	2.83E-06	1.64E-06	1.68E-06	1.52E-06	6.78E-07	6.62E-07	3.13E-08	7.57E-07	1.67E-07	2.28E-07	3.62E-07	6.23E-08	3.47E-07	1.95E-06
3285	473863.09	3847877.25	1.67E-02	1.70E-02	1.62E-02	5.76E-06	1.74E-05	1.01E-05	1.03E-05	9.35E-06	4.17E-06	4.06E-06	1.92E-07	4.65E-06	1.03E-06	1.40E-06	2.22E-06	3.82E-07	2.13E-06	1.20E-05
3286	474363.09	3847877.25	7.36E-03	7.53E-03	7.17E-03	2.55E-06	7.69E-06	4.45E-06	4.56E-06	4.13E-06	1.84E-06	1.80E-06	8.50E-08	2.05E-06	4.53E-07	6.19E-07	9.81E-07	1.69E-07	9.42E-07	5.30E-06
3287	474863.09	3847877.25	6.04E-03	6.19E-03	5.89E-03	2.09E-06	6.32E-06	3.66E-06	3.74E-06	3.39E-06	1.51E-06	1.48E-06	6.99E-08	1.69E-06	3.72E-07	5.08E-07	8.06E-07	1.39E-07	7.74E-07	4.36E-06
3288	475363.09	3847877.25	4.18E-03	4.28E-03	4.07E-03	1.45E-06	4.37E-06	2.53E-06	2.59E-06	2.35E-06	1.05E-06	1.02E-06	4.83E-08	1.17E-06	2.57E-07	3.51E-07	5.57E-07	9.59E-08	5.35E-07	3.01E-06
3289	475863.09	3847877.25	3.27E-03	3.35E-03	3.19E-03	1.13E-06	3.42E-06	1.98E-06	2.03E-06	1.84E-06	8.19E-07	7.98E-07	3.78E-08	9.13E-07	2.02E-07	2.75E-07	4.36E-07	7.51E-08	4.19E-07	2.36E-06
3290	476363.09	3847877.25	3.70E-03	3.79E-03	3.61E-03	1.28E-06	3.87E-06	2.24E-06	2.29E-06	2.08E-06	9.26E-07	9.03E-07	4.28E-08	1.03E-06	2.28E-07	3.11E-07	4.94E-07	8.50E-08	4.74E-07	2.67E-06
3291	476863.09	3847877.25	3.34E-03	3.42E-03	3.26E-03	1.16E-06	3.50E-06	2.02E-06	2.07E-06	1.88E-06	8.37E-07	8.16E-07	3.87E-08	9.34E-07	2.06E-07	2.81E-07	4.46E-07	7.68E-08	4.28E-07	2.41E-06
3292	477363.09	3847877.25	2.98E-03	3.06E-03	2.91E-03	1.03E-06	3.12E-06	1.81E-06	1.85E-06	1.68E-06	7.47E-07	7.29E-07	3.45E-08	8.33E-07	1.84E-07	2.51E-07	3.98E-07	6.86E-08	3.82E-07	2.15E-06
3293	477863.09	3847877.25	2.68E-03	2.74E-03	2.61E-03	9.26E-07	2.80E-06	1.62E-06	1.66E-06	1.50E-06	6.70E-07	6.53E-07	3.09E-08	7.47E-07	1.65E-07	2.25E-07	3.57E-07	6.15E-08	3.43E-07	1.93E-06
3294	478363.09	3847877.25	2.39E-03	2.45E-03	2.33E-03	8.28E-07	2.50E-06	1.45E-06	1.48E-06	1.34E-06	5.99E-07	5.84E-07	2.77E-08	6.68E-07	1.47E-07	2.01E-07	3.19E-07	5.49E-08	3.06E-07	1.72E-06
3295	478863.09	3847877.25	2.19E-03	2.24E-03	2.14E-03	7.58E-07	2.29E-06	1.33E-06	1.36E-06	1.23E-06	5.48E-07	5.35E-07	2.53E-08	6.12E-07	1.35E-07	1.84E-07	2.92E-07	5.03E-08	2.81E-07	1.58E-06
3296	479363.09	3847877.25	1.62E-03	1.66E-03	1.58E-03	5.62E-07	1.70E-06	9.82E-07	1.01E-06	9.12E-07	4.06E-07	3.96E-07	1.88E-08	4.53E-07	1.00E-07	1.37E-07	2.17E-07	3.73E-08	2.08E-07	1.17E-06
3297	479863.09	3847877.25	1.04E-03	1.07E-03	1.02E-03	3.61E-07	1.09E-06	6.31E-07	6.46E-07	5.85E-07	2.61E-07	2.54E-07	1.20E-08	2.91E-07	6.42E-08	8.76E-08	1.39E-07	2.39E-08	1.34E-07	7.51E-07
3298	480363.09	3847877.25	1.06E-03	1.09E-03	1.04E-03	3.68E-07	1.11E-06	6.43E-07	6.58E-07	5.97E-07	2.66E-07	2.59E-07	1.23E-08	2.97E-07	6.55E-08	8.94E-08	1.42E-07	2.44E-08	1.36E-07	7.66E-07
3299	480863.09	3847877.25	9.35E-04	9.57E-04	9.12E-04	3.24E-07	9.78E-07	5.66E-07	5.79E-07	5.25E-07	2.34E-07	2.28E-07	1.08E-08	2.61E-07	5.76E-08	7.87E-08	1.25E-07	2.15E-08	1.20E-07	6.74E-07
3300	481363.09	3847877.25	9.22E-04	9.44E-04	8.99E-04	3.19E-07	9.64E-07	5.58E-07	5.71E-07	5.18E-07	2.31E-07	2.25E-07	1.07E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.65E-07
3301	481863.09	3847877.25	1.15E-03	1.18E-03	1.12E-03	3.99E-07	1.21E-06	6.98E-07	7.14E-07	6.47E-07	2.89E-07	2.81E-07	1.33E-08	3.22E-07	7.10E-08	9.70E-08	1.54E-07	2.65E-08	1.48E-07	8.31E-07
3302	482363.09	3847877.25	1.07E-03	1.10E-03	1.04E-03	3.70E-07	1.12E-06	6.48E-07	6.63E-07	6.01E-07	2.68E-07	2.61E-07	1.24E-08	2.99E-07	6.59E-08	9.00E-08	1.43E-07	2.46E-08	1.37E-07	7.72E-07
3303	482863.09	3847877.25	9.67E-04	9.90E-04	9.43E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.22E-08	1.24E-07	6.97E-07
3304	483363.09	3847877.25	9.00E-04	9.21E-04	8.78E-04	3.12E-07	9.41E-07	5.45E-07	5.57E-07	5.05E-07	2.25E-07	2.20E-07	1.04E-08	2.51E-07	5.55E-08	7.57E-08	1.20E-07	2.07E-08	1.15E-07	6.49E-07
3305	483863.09	3847877.25	8.72E-04	8.93E-04	8.51E-04	3.02E-07	9.12E-07	5.28E-07	5.40E-07	4.90E-07	2.18E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.34E-08	1.16E-07	2.00E-08	1.12E-07	6.29E-07
3306	484363.09	3847877.25	8.77E-04	8.98E-04	8.56E-04	3.04E-07	9.17E-07	5.31E-07	5.43E-07	4.93E-07	2.20E-07	2.14E-07	1.01E-08	2.45E-07	5.41E-08	7.38E-08	1.17E-07	2.02E-08	1.12E-07	6.33E-07
3307	484863.09	3847877.25	8.42E-04	8.61E-04	8.21E-04	2.91E-07	8.80E-07	5.09E-07	5.21E-07	4.72E-07	2.11E-07	2.05E-07	9.73E-09	2.35E-07	5.18E-08	7.08E-08	1.12E-07	1.93E-08	1.08E-07	6.07E-07
3308	485363.09	3847877.25	8.31E-04	8.51E-04	8.11E-04	2.88E-07	8.69E-07	5.03E-07	5.15E-07	4.67E-07	2.08E-07	2.03E-07	9.61E-09	2.32E-07	5.12E-08	6.99E-08	1.11E-07	1.91E-08	1.06E-07	5.99E-07
3309	485863.09	3847877.25	8.20E-04	8.39E-04	7.99E-04	2.84E-07	8.57E-07	4.96E-07	5.08E-07	4.60E-07	2.05E-07	2.00E-07	9.47E-09	2.29E-07	5.05E-08	6.89E-08	1.09E-07	1.88E-08	1.05E-07	5.91E-07
3310	486363.09	3847877.25	7.54E-04	7.71E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.01E-07	1.73E-08	9.65E-08	5.43E-07
3311	486863.09	3847877.25	7.01E-04	7.18E-04	6.84E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.76E-07	1.71E-07	8.11E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.61E-08	8.98E-08	5.06E-07
3312	487363.09	3847877.25	6.64E-04	6.79E-04	6.47E-04	2.30E-07	6.94E-07	4.02E-07	4.11E-07	3.73E-07	1.66E-07	1.62E-07	7.67E-09	1.85E-07	4.09E-08	5.58E-08	8.85E-08	1.52E-08	8.50E-08	4.79E-07
3313	487863.09	3847877.25	6.09E-04	6.23E-04	5.94E-04	2.11E-07	6.36E-07	3.68E-07	3.77E-07	3.42E-07	1.52E-07	1.49E-07	7.04E-09	1.70E-07	3.75E-08	5.12E-08	8.12E-08	1.40E-08	7.80E-08	4.39E-07
3314	488363.09	3847877.25	5.78E-04	5.91E-04	5.64E-04	2.00E-07	6.04E-07	3.50E-07	3.58E-07	3.24E-07	1.45E-07	1.41E-07	6.68E-09	1.61E-07	3.56E-08	4.86E-08	7.71E-08	1.33E-08	7.40E-08	4.17E-07
3315	488863.09	3847877.25	5.59E-04	5.72E-04	5.45E-04	1.94E-07	5.84E-07	3.38E-07	3.46E-07	3.14E-07	1.40E-07	1.36E-07	6.46E-09	1.56E-07	3.44E-08	4.70E-08	7.46E-08	1.28E-08	7.16E-08	4.03E-07
3316	489363.09	3847877.25	5.41E-04	5.54E-04	5.28E-04	1.87E-07	5.66E-07	3.27E-07	3.35E-07	3.04E-07	1.35E-07	1.32E-07	6.26E-09	1.51E-07	3.33E-08	4.55E-08	7.22E-08	1.24E-08	6.93E-08	3.90E-07
3317	489863.09	3847877.25	5.44E-04	5.57E-04	5.30E-04	1.88E-07	5.68E-07	3.29E-07	3.37E-07	3.05E-07	1.36E-07	1.33E-07	6.28E-09	1.52E-07	3.35E-08	4.57E-08	7.25E-08	1.25E-08	6.96E-08	3.92E-07
3318	490363.09	3847877.25	5.17E-04	5.29E-04	5.04E-04	1.79E-07	5.41E-07	3.13E-07	3.20E-07	2.90E-07	1.29E-07	1.26E-07	5.98E-09	1.44E-07	3.19E-08	4.35E-08	6.90E-08	1.19E-08	6.63E-08	3.73E-07
3319	490863.09	3847877.25	4.81E-04	4.93E-04	4.70E-04	1.67E-07	5.03E-07	2.91E-07	2.98E-07	2.70E-07	1.20E-07	1.18E-07	5.56E-09	1.34E-07	2.97E-08	4.05E-08	6.42E-08	1.11E-08	6.17E-08	3.47E-07
3320	491363.09	3847877.25	4.31E-04	4.41E-04	4.20E-04	1.49E-07	4.50E-07	2.61E-07	2.67E-07	2.42E-07	1.08E-07	1.05E-07	4.98E-09	1.20E-07	2.65E-08	3.62E-08	5.75E-08	9.90E-09	5.52E-08	3.11E-07
3321	491863.09	3847877.25	4.14E-04	4.24E-04	4.04E-04	1.43E-07	4.33E-07	2.51E-07	2.57E-07	2.33E-07	1.04E-07	1.01E-07	4.79E-09	1.16E-07	2.55E-08	3.48E-08	5.53E-08	9.52E-09	5.31E-08	2.99E-07
3322	492363.09	3847877.25	4.04E-04	4.14E-04	3.94E-04	1.40E-07	4.22E-07	2.45E-07	2.50E-07	2.27E-07	1.01E-07	9.87E-08	4.67E-09	1.13E-07	2.49E-08	3.40E-08	5.39E-08	9.28E-09	5.18E-08	2.91E-07
3323	492863.09	3847877.25	3.88E-04	3.97E-04	3.79E-04	1.34E-07	4.06E-07	2.35E-07	2.40E-07	2.18E-07	9.72E-08	9.48E-08	4.49E-09	1.08E-07	2.39E-08	3.26E-08	5.18E-08	8.92E-09	4.97E-08	2.80E-07
3324	493363.09	3847877.25	3.51E-04	3.59E-04	3.42E-04	1.22E-07	3.67E-07	2.12E-07	2.17E-07	1.97E-07	8.79E-08	8.57E-08	4.06E-09	9.80E-08	2.16E-08	2.95E-08	4.68E-08	8.07E-09	4.50E-08	2.53E-07
3325	493863.09	3847877.25	3.26E-04	3.34E-04	3.18E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.17E-08	7.96E-08	3.77E-09	9.11E-08	2.01E-08	2.74E-08	4.35E-08	7.49E-09	4.18E-08	2.35E-07
3326	494363.09	3847877.25	3.13E-04	3.21E-04	3.06E-04	1.08E-07	3.27E-07	1.90E-07	1.94E-07	1.76E-07	7.84E-08	7.65E-08	3.62E-09	8.75E-08	1.93E-08	2.63E-08	4.18E-08	7.20E-09	4.01E-08	2.26E-07

3327	494863.09	3847877.25	3.06E-04	3.14E-04	2.99E-04	1.06E-07	3.20E-07	1.85E-07	1.90E-07	1.72E-07	7.67E-08	7.48E-08	3.54E-09	8.55E-08	1.89E-08	2.58E-08	4.09E-08	7.04E-09	3.92E-08	2.21E-07
3328	495363.09	3847877.25	2.91E-04	2.98E-04	2.84E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.28E-08	7.10E-08	3.36E-09	8.12E-08	1.79E-08	2.45E-08	3.88E-08	6.68E-09	3.73E-08	2.10E-07
3329	495863.09	3847877.25	2.45E-04	2.51E-04	2.39E-04	8.49E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.14E-08	5.99E-08	2.84E-09	6.85E-08	1.51E-08	2.06E-08	3.27E-08	5.63E-09	3.14E-08	1.77E-07
3330	496363.09	3847877.25	2.87E-04	2.94E-04	2.80E-04	9.94E-08	3.00E-07	1.74E-07	1.78E-07	1.61E-07	7.19E-08	7.01E-08	3.32E-09	8.02E-08	1.77E-08	2.41E-08	3.83E-08	6.60E-09	3.68E-08	2.07E-07
3331	496863.09	3847877.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.21E-08	3.41E-09	8.25E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
3332	497363.09	3847877.25	3.11E-04	3.19E-04	3.04E-04	1.08E-07	3.25E-07	1.88E-07	1.93E-07	1.75E-07	7.79E-08	7.60E-08	3.60E-09	8.69E-08	1.92E-08	2.62E-08	4.15E-08	7.15E-09	3.99E-08	2.24E-07
3333	497863.09	3847877.25	3.54E-04	3.63E-04	3.45E-04	1.23E-07	3.70E-07	2.14E-07	2.19E-07	1.99E-07	8.86E-08	8.64E-08	4.09E-09	9.89E-08	2.18E-08	2.98E-08	4.72E-08	8.13E-09	4.54E-08	2.55E-07
3334	498363.09	3847877.25	3.60E-04	3.69E-04	3.51E-04	1.25E-07	3.77E-07	2.18E-07	2.23E-07	2.02E-07	9.02E-08	8.80E-08	4.17E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.28E-09	4.62E-08	2.60E-07
3335	471363.09	3848377.25	9.13E-04	9.35E-04	8.91E-04	3.16E-07	9.55E-07	5.53E-07	5.66E-07	5.13E-07	2.29E-07	2.23E-07	1.06E-08	2.55E-07	5.63E-08	7.68E-08	1.22E-07	2.10E-08	1.17E-07	6.58E-07
3336	471863.09	3848377.25	1.11E-03	1.14E-03	1.08E-03	3.85E-07	1.16E-06	6.72E-07	6.88E-07	6.24E-07	2.78E-07	2.71E-07	1.28E-08	3.10E-07	6.85E-08	9.34E-08	1.48E-07	2.55E-08	1.42E-07	8.01E-07
3337	472363.09	3848377.25	1.41E-03	1.45E-03	1.38E-03	4.89E-07	1.48E-06	8.55E-07	8.75E-07	7.93E-07	3.53E-07	3.45E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
3338	472863.09	3848377.25	1.92E-03	1.97E-03	1.87E-03	6.65E-07	2.01E-06	1.16E-06	1.19E-06	1.08E-06	4.81E-07	4.69E-07	2.22E-08	5.36E-07	1.18E-07	1.61E-07	2.56E-07	4.41E-08	2.46E-07	1.38E-06
3339	473363.09	3848377.25	2.88E-03	2.95E-03	2.81E-03	9.98E-07	3.01E-06	1.74E-06	1.79E-06	1.62E-06	7.21E-07	7.04E-07	3.33E-08	8.05E-07	1.78E-07	2.42E-07	3.85E-07	6.62E-08	3.69E-07	2.08E-06
3340	473863.09	3848377.25	5.30E-03	5.43E-03	5.17E-03	1.84E-06	5.54E-06	3.21E-06	3.28E-06	2.98E-06	1.33E-06	1.29E-06	6.13E-08	1.48E-06	3.27E-07	4.46E-07	7.07E-07	1.22E-07	6.79E-07	3.82E-06
3341	474363.09	3848377.25	1.92E-02	1.97E-02	1.87E-02	6.65E-06	2.01E-05	1.16E-05	1.19E-05	1.08E-05	4.81E-06	4.69E-06	2.22E-07	5.36E-06	1.18E-06	1.61E-06	2.56E-06	4.41E-07	2.46E-06	1.38E-05
3342	474863.09	3848377.25	1.78E-02	1.83E-02	1.74E-02	6.17E-06	1.86E-05	1.08E-05	1.10E-05	1.00E-05	4.46E-06	4.35E-06	2.06E-07	4.98E-06	1.10E-06	1.50E-06	2.38E-06	4.10E-07	2.28E-06	1.29E-05
3343	475363.09	3848377.25	1.22E-02	1.25E-02	1.19E-02	4.23E-06	1.28E-05	7.39E-06	7.56E-06	6.86E-06	3.06E-06	2.98E-06	1.41E-07	3.41E-06	7.52E-07	1.03E-06	1.63E-06	2.80E-07	1.56E-06	8.80E-06
3344	475863.09	3848377.25	7.43E-03	7.60E-03	7.24E-03	2.57E-06	7.76E-06	4.49E-06	4.60E-06	4.17E-06	1.86E-06	1.81E-06	8.58E-08	2.07E-06	4.58E-07	6.24E-07	9.91E-07	1.71E-07	9.51E-07	5.35E-06
3345	476363.09	3848377.25	5.17E-03	5.29E-03	5.04E-03	1.79E-06	5.40E-06	3.13E-06	3.20E-06	2.90E-06	1.29E-06	1.26E-06	5.98E-08	1.44E-06	3.19E-07	4.35E-07	6.90E-07	1.19E-07	6.62E-07	3.73E-06
3346	476863.09	3848377.25	5.55E-03	5.68E-03	5.41E-03	1.92E-06	5.80E-06	3.36E-06	3.44E-06	3.11E-06	1.39E-06	1.35E-06	6.41E-08	1.55E-06	3.42E-07	4.66E-07	7.40E-07	1.27E-07	7.11E-07	4.00E-06
3347	477363.09	3848377.25	4.78E-03	4.89E-03	4.66E-03	1.65E-06	5.00E-06	2.89E-06	2.96E-06	2.68E-06	1.20E-06	1.17E-06	5.53E-08	1.33E-06	2.95E-07	4.02E-07	6.38E-07	1.10E-07	6.12E-07	3.45E-06
3348	477863.09	3848377.25	4.31E-03	4.41E-03	4.20E-03	1.49E-06	4.51E-06	2.61E-06	2.67E-06	2.42E-06	1.08E-06	1.05E-06	4.98E-08	1.20E-06	2.66E-07	3.63E-07	5.75E-07	9.90E-08	5.52E-07	3.11E-06
3349	478363.09	3848377.25	3.79E-03	3.88E-03	3.70E-03	1.31E-06	3.96E-06	2.29E-06	2.35E-06	2.13E-06	9.49E-07	9.25E-07	4.38E-08	1.06E-06	2.34E-07	3.19E-07	5.06E-07	8.71E-08	4.86E-07	2.73E-06
3350	478863.09	3848377.25	3.22E-03	3.29E-03	3.14E-03	1.11E-06	3.36E-06	1.95E-06	1.99E-06	1.81E-06	8.05E-07	7.85E-07	3.72E-08	8.98E-07	1.98E-07	2.71E-07	4.29E-07	7.39E-08	4.12E-07	2.32E-06
3351	479363.09	3848377.25	2.41E-03	2.46E-03	2.35E-03	8.33E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.03E-07	5.88E-07	2.78E-08	6.72E-07	1.48E-07	2.02E-07	3.21E-07	5.53E-08	3.08E-07	1.74E-06
3352	479863.09	3848377.25	1.02E-03	1.05E-03	9.98E-04	3.54E-07	1.07E-06	6.19E-07	6.34E-07	5.74E-07	2.56E-07	2.50E-07	1.18E-08	2.86E-07	6.30E-08	8.60E-08	1.36E-07	2.35E-08	1.31E-07	7.38E-07
3353	480363.09	3848377.25	1.35E-03	1.38E-03	1.32E-03	4.68E-07	1.41E-06	8.18E-07	8.37E-07	7.59E-07	3.38E-07	3.30E-07	1.56E-08	3.77E-07	8.33E-08	1.14E-07	1.80E-07	3.10E-08	1.73E-07	9.75E-07
3354	480863.09	3848377.25	1.67E-03	1.71E-03	1.63E-03	5.77E-07	1.74E-06	1.01E-06	1.03E-06	9.36E-07	4.17E-07	4.07E-07	1.93E-08	4.66E-07	1.03E-07	1.40E-07	2.22E-07	3.83E-08	2.14E-07	1.20E-06
3355	481363.09	3848377.25	1.59E-03	1.63E-03	1.55E-03	5.51E-07	1.66E-06	9.63E-07	9.85E-07	8.93E-07	3.98E-07	3.88E-07	1.84E-08	4.44E-07	9.80E-08	1.34E-07	2.12E-07	3.65E-08	2.04E-07	1.15E-06
3356	481863.09	3848377.25	1.56E-03	1.60E-03	1.52E-03	5.40E-07	1.63E-06	9.44E-07	9.66E-07	8.76E-07	3.90E-07	3.81E-07	1.80E-08	4.36E-07	9.61E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
3357	482363.09	3848377.25	1.49E-03	1.52E-03	1.45E-03	5.15E-07	1.55E-06	9.00E-07	9.21E-07	8.35E-07	3.72E-07	3.63E-07	1.72E-08	4.15E-07	9.16E-08	1.25E-07	1.98E-07	3.41E-08	1.90E-07	1.07E-06
3358	482863.09	3848377.25	1.31E-03	1.34E-03	1.27E-03	4.52E-07	1.37E-06	7.91E-07	8.09E-07	7.34E-07	3.27E-07	3.19E-07	1.51E-08	3.65E-07	8.05E-08	1.10E-07	1.74E-07	3.00E-08	1.67E-07	9.42E-07
3359	483363.09	3848377.25	1.22E-03	1.25E-03	1.19E-03	4.22E-07	1.28E-06	7.38E-07	7.56E-07	6.85E-07	3.05E-07	2.98E-07	1.41E-08	3.41E-07	7.52E-08	1.03E-07	1.63E-07	2.80E-08	1.56E-07	8.80E-07
3360	483863.09	3848377.25	1.10E-03	1.13E-03	1.08E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.76E-07	2.70E-07	1.28E-08	3.08E-07	6.81E-08	9.29E-08	1.47E-07	2.54E-08	1.41E-07	7.96E-07
3361	484363.09	3848377.25	1.07E-03	1.10E-03	1.05E-03	3.71E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.61E-08	9.02E-08	1.43E-07	2.46E-08	1.37E-07	7.74E-07
3362	484863.09	3848377.25	1.10E-03	1.13E-03	1.07E-03	3.81E-07	1.15E-06	6.66E-07	6.81E-07	6.18E-07	2.75E-07	2.69E-07	1.27E-08	3.07E-07	6.78E-08	9.25E-08	1.47E-07	2.53E-08	1.41E-07	7.93E-07
3363	485363.09	3848377.25	1.05E-03	1.08E-03	1.03E-03	3.64E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.63E-07	2.57E-07	1.22E-08	2.94E-07	6.49E-08	8.85E-08	1.40E-07	2.42E-08	1.35E-07	7.59E-07
3364	485863.09	3848377.25	1.01E-03	1.04E-03	9.90E-04	3.51E-07	1.06E-06	6.14E-07	6.29E-07	5.70E-07	2.54E-07	2.48E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.33E-08	1.30E-07	7.32E-07
3365	486363.09	3848377.25	9.48E-04	9.70E-04	9.24E-04	3.28E-07	9.91E-07	5.74E-07	5.87E-07	5.32E-07	2.37E-07	2.31E-07	1.10E-08	2.65E-07	5.84E-08	7.97E-08	1.26E-07	2.18E-08	1.21E-07	6.83E-07
3366	486863.09	3848377.25	8.70E-04	8.91E-04	8.49E-04	3.01E-07	9.10E-07	5.27E-07	5.39E-07	4.89E-07	2.18E-07	2.12E-07	1.01E-08	2.43E-07	5.36E-08	7.32E-08	1.16E-07	2.00E-08	1.12E-07	6.28E-07
3367	487363.09	3848377.25	7.79E-04	7.98E-04	7.60E-04	2.70E-07	8.14E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.90E-07	9.01E-09	2.18E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.98E-08	5.62E-07
3368	487863.09	3848377.25	7.44E-04	7.61E-04	7.26E-04	2.58E-07	7.78E-07	4.50E-07	4.61E-07	4.18E-07	1.86E-07	1.82E-07	8.60E-09	2.08E-07	4.58E-08	6.26E-08	9.92E-08	1.71E-08	9.53E-08	5.36E-07
3369	488363.09	3848377.25	7.05E-04	7.22E-04	6.88E-04	2.44E-07	7.37E-07	4.27E-07	4.37E-07	3.96E-07	1.76E-07	1.72E-07	8.15E-09	1.97E-07	4.34E-08	5.93E-08	9.41E-08	1.62E-08	9.03E-08	5.08E-07
3370	488863.09	3848377.25	6.75E-04	6.91E-04	6.58E-04	2.34E-07	7.05E-07	4.08E-07	4.18E-07	3.79E-07	1.69E-07	1.65E-07	7.80E-09	1.88E-07	4.16E-08	5.68E-08	9.00E-08	1.55E-08	8.65E-08	4.87E-07
3371	489363.09	3848377.25	6.55E-04	6.71E-04	6.39E-04	2.27E-07	6.85E-07	3.97E-07	4.06E-07	3.68E-07	1.64E-07	1.60E-07	7.58E-09	1.83E-07	4.04E-08	5.51E-08	8.74E-08	1.51E-08	8.40E-08	4.73E-07
3372	489863.09	3848377.25	6.57E-04	6.72E-04	6.41E-04	2.27E-07	6.87E-07	3.98E-07	4.07E-07	3.69E-07	1.64E-07	1.60E-07	7.59E-09	1.83E-07	4.05E-08	5.52E-08	8.76E-08	1.51E-08	8.42E-08	4.74E-07
3373	490363.09	3848377.25	6.19E-04	6.34E-04	6.04E-04	2.14E-07	6.47E-07	3.75E-07	3.84E-07	3.48E-07	1.55E-07	1.51E-07	7.16E-09	1.73E-07	3.82E-08	5.21E-08	8.26E-08	1.42E-08	7.93E-08	4.47E-07
3374	490863.09	3848377.25	5.64E-04	5.77E-04	5.50E-04	1.95E-07	5.89E-07	3.41E-07	3.49E-07	3.17E-07	1.41E-07	1.38E-07	6.52E-09	1.57E-07	3.47E-08	4.74E-08	7.52E-08	1.30E-08	7.22E-08	4.07E-07
3375	491363.09	3848377.25	5.20E-04	5.32E-04	5.07E-04	1.80E-07	5.43E-07	3.14E-07	3.22E-07	2.92E-07	1.30E-07	1.27E-07	6.01E-09	1.45E-07	3.20E-08	4.37E-08	6.93E-08	1.19E-08	6.66E-08	3.75E-07
3376	491863.09	3848377.25	4.87E-04	4.99E-04	4.75E-04	1.69E-07	5.09E-07	2.95E-07	3.02E-07	2.73E-07	1.22E-07	1.19E-07	5.63E-09	1.36E-07	3.00E-08	4.10E-08	6.50E-08	1.12E-08	6.24E-08	3.51E-07
3377	492363.09	3848377.25	4.34E-04	4.44E-04	4.23E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.09E-07	1.06E-07	5.02E-09	1.21E-07	2.67E-08	3.65E-08	5.79E-08	9.97E-09	5.56E-08	3.13E-07
3378	492863.09	3848377.25	3.81E-04	3.90E-04	3.72E-04	1.32E-07	3.98E-07	2.31E-07	2.36E-07	2.14E-07	9.54E-08	9.30E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.08E-08	8.75E-09	4.88E-08	2.75E-07
3379	493363.09	3848377.25	3.54E-04	3.63E-04	3.45E-04	1.23E-07	3.70E-07	2.14E-07	2.19E-07	1.99E-07	8.86E-08	8.64E-08	4.09E-09	9.89E-08	2.18E-08	2.98E-08	4.72E-08	8.13E-09	4.54E-08	2.55E-07
3380	493863.09	3848377.25	3.30E-04	3.38E-04	3.22E-04	1.14E-07	3.45E-07	2.00E-07	2.05E-07	1.85E-07	8.26E-08	8.06E-08	3.82E-09	9.22E-08	2.03E-08	2.78E-08	4.41E-08	7.58E-09	4.23E-08	2.38E-07
3381	494363.09	3848377.25	3.09E-04	3.16E-04	3.01E-04	1.07E-07	3.23E-07	1.87E-07	1.91E-07	1.73E-07	7.73E-08	7.54E-08	3.57E-09	8.62E-08	1.90E-08	2.60E-08	4.12E-08	7.09E-09	3.96E-08	2.23E-07
3382	494863.09	3848377.25	3.04E-04	3.12E-04	2.97E-04	1.05E-07	3.18E-07	1.84E-07	1.88E-07	1.71E-07	7.62E-08	7.43E-08	3.52E-09	8.50E-08	1.88E-08	2.56E-08	4.06E-08	6.99E-09	3.90E-08	2.19E-07
3383	495363.09	3848377.25	2.69E-04	2.76E-04	2.63E-04	9.33E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.74E-08	6.58E-08	3.11E-09	7.52E-08	1.66E-08	2.27E-08	3.59E-08	6.19E-09	3.45E-08	1.94E-07
3384	495863.09	3848377.25	2.59E-04	2.65E-04	2.52E-04	8.96E-08	2.70E-07	1.57E-07	1.60E-07	1.45E-07	6.48E-08	6.32E-08	2.99E-09	7.23E-08	1.59E-08	2.18E-08	3.45E-08	5.94E-09	3.31E-08	1.87E-07
3385	496363.09	3848377.25	2.73E-04	2.80E-04	2.67E-04	9.47E-08	2.86E-07	1.65E-07	1.69E-07	1.54E-07	6.84E-08	6.67E-08	3.16E-09	7.64E-08	1.68E-08	2.30E-08	3.65E-08	6.28E-09	3.50E-08	1.97E-07
3386	496863.09	3848377.25	2.59E-04	2.65E-04	2.52E-04	8.95E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.47E-08	6.31E-08	2.99E-09	7.22E-08	1.59E-08	2.17E-08	3.45E-08	5.94E-09	3.31E-08	1.86E-07
3387	497363.09	3848377.25	2.87E-04	2.94E-04	2.80E-04	9.93E-08	3.00E-07	1.74E-07	1.78E-07	1.61E-07	7.18E-08	7.00E-08	3.32E-09	8.01E-08	1.77E-08	2.41E-08	3.83E-08	6.59E-09	3.68E-08	2.07E-07
3388	497863.09	3848377.25	3.83E-04	3.92E-04	3.74E-04	1.33E-07	4.01E-07	2.32E-07	2.37E-07	2.15E-07	9.59E-08	9.36E-08	4.43E-09	1.07E-07	2.36E-08	3.22E-08	5.11E-08	8.80E-09	4.91E-08	2.76E-07
3389	498363.09	3848377.25	3.81E-04	3.90E-04	3.71E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.14E-07	9.52E-08	9.29E-08	4.40E-09	1.06E-07	2.34E-08	3.20E-08	5.08E-08	8.74E-09	4.87E-08	2.74E-07
3390	471363.09	3848877.25	9.21E-04	9.43E-04	8.99E-04	3.19E-07	9.63E-07	5.58E-07	5.71E-07	5.17E-07	2.31E-07	2.25E-07	1.07E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.64E-07
3391	471863.09	3848877.25	1.12E-03	1.15E-03	1.09E-03	3.88E-07	1.17E-06	6.79E-07	6.95E-07	6.30E-07	2.81E-07	2.74E-07	1.30E-08	3.13E-07	6.91E-08	9.43E-08	1.50E-07	2.58E-08	1.44E-07	8.09E-07
3392	472363.09	3848877.25	1.40E-03	1.43E-03	1.36E-03	4.84E-07	1.46E-06	8.46E-07	8.66E-07	7.85E-07	3.50E-07	3.41E-07	1.62E-08	3.91E-07	8.62E-08	1.18E-07	1.87E-07	3.21E-08	1.79E-07	1.01E-06
3393	472863.09	3848877.25	1.81E-03	1.85E-03	1.76E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.52E-07	4.41E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.15E-08	2.31E-07	1.30E-06
3394	473363.09	3848877.25	2.47E-03	2.53E-03	2.41E-03	8.55E-07	2.58E-06	1.49E-06	1.53E-06	1.39E-06	6.18E-07	6.03E-07	2.85E-08	6.89E-07	1.52E-07	2.08E-07	3.29E-07	5.67E-08	3.16E-07	1.78E-06
3395	473863.09	3848877.25	3.61E-03	3.70E-03	3.52E-03	1.25E-06	3.78E-06	2.19E-06	2.24E-06	2.03E-06	9.04E-07	8.82E-07	4.18E-08	1.01E-06	2.23E-07	3.04E-07	4.82E-07	8.30E-08	4.63E-07	2.60E-06
3396	474363.09	3848877.25	5.74E-03	5.87E-03	5.59E-03	1.99E-06	6.00E-06	3.47E-06	3.55E-06	3.22E-06	1.44E-06	1.40E-06	6.63E-08	1.60E-06	3.53E-07	4.82E-07	7.65E-07	1.32E-07	7.35E-07	4.14E-06
3397	474863.09	3848877.25	1.63E-02	1.67E-02	1.59E-02	5.63E-06	1.70E-05	9.84E-06	1.01E-05	9.13E-06	4.07E-06	3.97E-06	1.88E-07	4.54E-06	1.00E-06	1.37E-06	2.17E-06	3.74E-07	2.08E-06	1.17E-05
3398	475363.09	3848877.25	3.21E-02	3.28E-02	3.13E-02	1.11E-05	3.35E-05	1.94E-05	1.99E-05	1.80E-05	8.03E-06	7.83E-06	3.71E-07	8.95E-06	1.98E-06	2.70E-06	4.28E-06	7.37E-07	4.11E-06	2.31E-05
3399	475863.09	3848877.25	1.77E-02	1.82E-02	1.73E-02	6.14E-06	1.85E-05	1.07E-05	1.10E-05	9.96E-06	4.44E-06	4.33E-06	2.05E-07	4.95E-06	1.09E-06	1.49E-06	2.37E-06	4.08E-07	2.27E-06	1.28E-05
3400	476363.09	3848877.25	1.23E-02	1.26E-02	1.20E-02	4.27E-06	1.29E-05	7.46E-06	7.63E-06	6.92E-06	3.08E-06	3.01E-06	1.42E-07	3.44E-06	7.59E-07	1.04E-06	1.64E-06	2.83E-07	1.58E-06	8.88E-06
3401	476863.09	3848877.25	9.36E-03	9.58E-03	9.12E-03	3.24E-06	9.78E-06	5.66E-06	5.79E-06	5.25E-06	2.34E-06	2.28E-06	1.08E-07	2.61E-06	5.76E-07	7.87E-07	1.25E-06	2.15E-07	1.20E-06	6.74E-06
3402	477363.09	3848877.25	9.32E-03	9.54E-03	9.09E-03	3.23E-06	9.74E-06	5.64E-06	5.77E-06	5.23E-06	2.33E-06	2.27E-06	1.08E-07	2.60E-06	5.74E-07	7.84E-07	1.24E-06	2.14E-07	1.19E-06	6.72E-06
3403	477863.09	3848877.25	7.55E-03	7.73E-03	7.37E-03	2.62E-06	7.90E-06	4.57E-06	4.68E-06	4.24E-06	1.89E-06	1.84E-06	8.73E-08	2.11E-06	4.65E-07	6.35E-07	1.01E-06	1.74E-07	9.68E-07	5.45E-06
3404	478363.09	3848877.25	6.40E-03	6.55E-03	6.24E-03	2.22E-06	6.69E-06	3.87E-06	3.97E-06	3.59E-06	1.60E-06	1.56E-06	7.40E-08	1.79E-06	3.95E-07	5.38E-07	8.54E-07	1.47E-07	8.20E-07	4.62E-06
3405	478863.09	3848877.25	5.19E-03	5.32E-03	5.06E-03	1.80E-06	5.43E-06	3.14E-06	3.22E-06	2.92E-06	1.30E-06	1.27E-06	6.00E-08	1.45E-06	3.20E-07	4.37E-07	6.93E-07	1.19E-07	6.65E-07	3.74E-06
3406	479363.09	3848877.25	4.03E-03	4.13E-03	3.93E-03	1.40E-06	4.22E-06	2.44E-06	2.50E-06	2.26E-06	1.01E-06	9.84E-07	4.66E-08	1.13E-06	2.48E-07	3.39E-07	5.38E-07	9.26E-08	5.17E-07	2.91E-06
3407	479863.09	3848877.25	3.10E-03	3.17E-03	3.02E-03	1.07E-06	3.24E-06	1.87E-06	1.92E-06	1.74E-06	7.76E-07	7.56E-07	3.58E-08	8.65E-07	1.91E-07	2.61E-07	4.13E-07	7.12E-08	3.97E-07	2.23E-06
3408	480363.09	3848877.25	2.89E-03	2.96E-03	2.82E-03	1.00E-06	3.03E-06	1.75E-06	1.79E-06	1.63E-06	7.25E-07	7.07E-07	3.35E-08	8.08E-07	1.78E-07	2.43E-07	3.86E-07	6.65E-08	3.71E-07	2.09E-06
3409	480863.09	3848877.25	2.71E-03	2.78E-03	2.65E-03	9.40E-07	2.84E-06	1.64E-06	1.68E-06	1.52E-06	6.79E-07	6.63E-07	3.14E-08	7.58E-07	1.67E-07	2.28E-07	3.62E-07	6.24E-08	3.48E-07	1.96E-06
3410	481363.09	3848877.25	2.41E-03	2.47E-03	2.35E-03	8.34E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.03E-07	5.88E-07	2.78E-08	6.73E-07	1.48E-07	2.03E-07	3.21E-07	5.53E-08	3.09E-07	1.74E-06
3411	481863.09	3848877.25	2.05E-03	2.10E-03	2.00E-03	7.09E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.13E-07	5.00E-07	2.37E-08	5.72E-07	1.26E-07	1.72E-07	2.73E-07	4.70E-08	2.62E-07	1.48E-06
3412	482363.09	3848877.25	1.70E-03	1.74E-03	1.66E-03	5.88E-07	1.77E-06	1.03E-06	1.05E-06	9.53E-07	4.25E-07	4.14E-07	1.96E-08	4.74E-07	1.05E-07	1.43E-07	2.26E-07	3.90E-08	2.17E-07	1.22E-06
3413	482863.09	3848877.25	1.43E-03	1.47E-03	1.40E-03	4.95E-07	1.50E-06	8.66E-07	8.86E-07	8.04E-07	3.58E-07	3.49E-07	1.65E-08	4.00E-07	8.82E-08	1.20E-07	1.91E-07	3.29E-08	1.83E-07	1.03E-06
3414	483363.09	3848877.25	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.11E-07	3.03E-07	1.44E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.85E-08	1.59E-07	8.95E-07
3415	483863.09	3848877.25	1.17E-03	1.20E-03	1.14E-03	4.06E-07	1.23E-06	7.10E-07	7.27E-07	6.59E-07	2.94E-07	2.86E-07	1.36E-08	3.28E-07	7.23E-08	9.87E-08	1.57E-07	2.70E-08	1.50E-07	8.46E-07
3416	484363.09	3848877.25	1.30E-03	1.33E-03	1.26E-03	4.49E-07	1.36E-06	7.85E-07	8.03E-07	7.28E-07	3.25E-07	3.17E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.73E-07	2.98E-08	1.66E-07	9.35E-07
3417	484863.09	3848877.25	1.39E-03	1.42E-03	1.36E-03	4.81E-07	1.45E-06	8.42E-07	8.61E-07	7.81E-07	3.48E-07	3.40E-07	1.61E-08	3.88E-07	8.57E-08	1.17E-07	1.86E-07	3.19E-08	1.78E-07	1.00E-06
3418	485363.09	3848877.25	1.31E-03	1.34E-03	1.28E-03	4.55E-07	1.37E-06	7.94E-07	8.13E-07	7.37E-07	3.29E-07	3.20E-07	1.52E-08	3.67E-07	8.09E-08	1.10E-07	1.75E-07	3.02E-08	1.68E-07	9.47E-07
3419	485863.09	3848877.25	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.11E-07	3.03E-07	1.43E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.85E-08	1.59E-07	8.95E-07
3420	486363.09	3848877.25	1.12E-03	1.15E-03	1.10E-03	3.89E-07	1.18E-06	6.80E-07	6.96E-07	6.31E-07	2.81E-07	2.74E-07	1.30E-08	3.14E-07	6.93E-08	9.45E-08	1.50E-07	2.58E-08	1.44E-07	8.10E-07
3421	486863.09	3848877.25	1.00E-03	1.03E-03	9.79E-04	3.47E-07	1.05E-06	6.07E-07	6.22E-07	5.63E-07	2.51E-07	2.45E-07	1.16E-08	2.80E-07	6.18E-08	8.44E-08	1.34E-07	2.31E-08	1.29E-07	7.24E-07
3422	487363.09	3848877.25	9.66E-04	9.88E-04	9.42E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.95E-08	8.12E-08	1.29E-07	2.22E-08	1.24E-07	6.96E-07
3423	487863.09	3848877.25	8.98E-04	9.19E-04	8.76E-04	3.11E-07	9.39E-07	5.43E-07	5.56E-07	5.04E-07	2.25E-07	2.19E-07	1.04E-08	2.51E-07	5.53E-08	7.55E-08	1.20E-07	2.06E-08	1.15E-07	6.47E-07
3424	488363.09	3848877.25	8.55E-04	8.75E-04	8.34E-04	2.96E-07	8.93E-07	5.17E-07	5.29E-07	4.80E-07	2.14E-07	2.09E-07	9.88E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	1.96E-08	1.09E-07	6.16E-07
3425	488863.09	3848877.25	8.03E-04	8.22E-04	7.83E-04	2.78E-07	8.39E-07	4.86E-07	4.97E-07	4.51E-07	2.01E-07	1.96E-07	9.28E-09	2.24E-07	4.95E-08	6.75E-08	1.07E-07	1.84E-08	1.03E-07	5.79E-07
3426	489363.09	3848877.25	7.80E-04	7.98E-04	7.60E-04	2.70E-07	8.15E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.90E-07	9.01E-09	2.18E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.99E-08	5.62E-07
3427	489863.09	3848877.25	7.58E-04	7.76E-04	7.39E-04	2.62E-07	7.92E-07	4.59E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07

3428	490363.09	3848877.25	6.91E-04	7.07E-04	6.74E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.98E-09	1.93E-07	4.26E-08	5.81E-08	9.21E-08	1.59E-08	8.85E-08	4.98E-07
3429	490863.09	3848877.25	6.26E-04	6.41E-04	6.10E-04	2.17E-07	6.54E-07	3.79E-07	3.88E-07	3.51E-07	1.57E-07	1.53E-07	7.23E-09	1.75E-07	3.86E-08	5.26E-08	8.35E-08	1.44E-08	8.02E-08	4.51E-07
3430	491363.09	3848877.25	5.83E-04	5.97E-04	5.68E-04	2.02E-07	6.09E-07	3.53E-07	3.61E-07	3.27E-07	1.46E-07	1.42E-07	6.74E-09	1.63E-07	3.59E-08	4.90E-08	7.77E-08	1.34E-08	7.47E-08	4.20E-07
3431	491863.09	3848877.25	5.12E-04	5.24E-04	5.00E-04	1.77E-07	5.35E-07	3.10E-07	3.17E-07	2.88E-07	1.28E-07	1.25E-07	5.92E-09	1.43E-07	3.16E-08	4.31E-08	6.83E-08	1.18E-08	6.56E-08	3.69E-07
3432	492363.09	3848877.25	4.46E-04	4.56E-04	4.35E-04	1.54E-07	4.66E-07	2.70E-07	2.76E-07	2.50E-07	1.12E-07	1.09E-07	5.15E-09	1.24E-07	2.75E-08	3.75E-08	5.94E-08	1.02E-08	5.71E-08	3.21E-07
3433	492863.09	3848877.25	3.78E-04	3.86E-04	3.68E-04	1.31E-07	3.95E-07	2.28E-07	2.34E-07	2.12E-07	9.45E-08	9.22E-08	4.36E-09	1.05E-07	2.33E-08	3.17E-08	5.04E-08	8.67E-09	4.84E-08	2.72E-07
3434	493363.09	3848877.25	3.18E-04	3.26E-04	3.10E-04	1.10E-07	3.33E-07	1.93E-07	1.97E-07	1.79E-07	7.97E-08	7.77E-08	3.68E-09	8.89E-08	1.96E-08	2.68E-08	4.25E-08	7.31E-09	4.08E-08	2.29E-07
3435	493863.09	3848877.25	3.14E-04	3.21E-04	3.06E-04	1.09E-07	3.28E-07	1.90E-07	1.95E-07	1.76E-07	7.86E-08	7.67E-08	3.63E-09	8.77E-08	1.93E-08	2.64E-08	4.19E-08	7.21E-09	4.02E-08	2.26E-07
3436	494363.09	3848877.25	2.99E-04	3.06E-04	2.92E-04	1.04E-07	3.13E-07	1.81E-07	1.85E-07	1.68E-07	7.49E-08	7.30E-08	3.46E-09	8.35E-08	1.84E-08	2.52E-08	3.99E-08	6.87E-09	3.83E-08	2.16E-07
3437	494863.09	3848877.25	3.02E-04	3.09E-04	2.95E-04	1.05E-07	3.16E-07	1.83E-07	1.87E-07	1.70E-07	7.56E-08	7.37E-08	3.49E-09	8.43E-08	1.86E-08	2.54E-08	4.03E-08	6.94E-09	3.87E-08	2.18E-07
3438	495363.09	3848877.25	2.98E-04	3.05E-04	2.90E-04	1.03E-07	3.11E-07	1.80E-07	1.84E-07	1.67E-07	7.45E-08	7.27E-08	3.44E-09	8.32E-08	1.84E-08	2.50E-08	3.97E-08	6.84E-09	3.82E-08	2.15E-07
3439	495863.09	3848877.25	2.58E-04	2.64E-04	2.52E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.46E-08	6.30E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	5.93E-09	3.31E-08	1.86E-07
3440	496363.09	3848877.25	2.55E-04	2.61E-04	2.49E-04	8.83E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.38E-08	6.22E-08	2.95E-09	7.12E-08	1.57E-08	2.14E-08	3.40E-08	5.86E-09	3.27E-08	1.84E-07
3441	496863.09	3848877.25	2.83E-04	2.90E-04	2.76E-04	9.81E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.09E-08	6.92E-08	3.28E-09	7.91E-08	1.75E-08	2.38E-08	3.78E-08	6.51E-09	3.63E-08	2.04E-07
3442	497363.09	3848877.25	3.59E-04	3.68E-04	3.50E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.02E-07	8.99E-08	8.77E-08	4.15E-09	1.00E-07	2.21E-08	3.02E-08	4.79E-08	8.25E-09	4.60E-08	2.59E-07
3443	497863.09	3848877.25	3.85E-04	3.94E-04	3.75E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.63E-08	9.39E-08	4.45E-09	1.07E-07	2.37E-08	3.24E-08	5.13E-08	8.84E-09	4.93E-08	2.77E-07
3444	498363.09	3848877.25	3.99E-04	4.08E-04	3.89E-04	1.38E-07	4.17E-07	2.41E-07	2.47E-07	2.24E-07	9.98E-08	9.73E-08	4.61E-09	1.11E-07	2.46E-08	3.35E-08	5.32E-08	9.16E-09	5.11E-08	2.87E-07
3445	471363.09	3849377.25	8.95E-04	9.16E-04	8.72E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.24E-07	2.18E-07	1.03E-08	2.50E-07	5.51E-08	7.52E-08	1.19E-07	2.05E-08	1.15E-07	6.45E-07
3446	471863.09	3849377.25	1.08E-03	1.10E-03	1.05E-03	3.74E-07	1.13E-06	6.53E-07	6.69E-07	6.06E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.65E-08	9.08E-08	1.44E-07	2.48E-08	1.38E-07	7.78E-07
3447	472363.09	3849377.25	1.30E-03	1.33E-03	1.27E-03	4.50E-07	1.36E-06	7.86E-07	8.04E-07	7.29E-07	3.25E-07	3.17E-07	1.50E-08	3.63E-07	8.00E-08	1.09E-07	1.73E-07	2.98E-08	1.66E-07	9.36E-07
3448	472863.09	3849377.25	1.61E-03	1.65E-03	1.57E-03	5.58E-07	1.68E-06	9.75E-07	9.98E-07	9.04E-07	4.03E-07	3.93E-07	1.86E-08	4.50E-07	9.92E-08	1.35E-07	2.15E-07	3.70E-08	2.06E-07	1.16E-06
3449	473363.09	3849377.25	2.07E-03	2.11E-03	2.01E-03	7.15E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.17E-07	5.04E-07	2.39E-08	5.77E-07	1.27E-07	1.74E-07	2.75E-07	4.74E-08	2.65E-07	1.49E-06
3450	473863.09	3849377.25	2.70E-03	2.77E-03	2.64E-03	9.35E-07	2.82E-06	1.64E-06	1.67E-06	1.52E-06	6.76E-07	6.60E-07	3.12E-08	7.55E-07	1.67E-07	2.27E-07	3.60E-07	6.21E-08	3.46E-07	1.95E-06
3451	474363.09	3849377.25	3.64E-03	3.72E-03	3.55E-03	1.26E-06	3.80E-06	2.20E-06	2.25E-06	2.04E-06	9.10E-07	8.88E-07	4.20E-08	1.02E-06	2.24E-07	3.06E-07	4.85E-07	8.35E-08	4.66E-07	2.62E-06
3452	474863.09	3849377.25	5.21E-03	5.33E-03	5.08E-03	1.80E-06	5.44E-06	3.15E-06	3.23E-06	2.92E-06	1.30E-06	1.27E-06	6.02E-08	1.45E-06	3.21E-07	4.38E-07	6.95E-07	1.20E-07	6.67E-07	3.76E-06
3453	475363.09	3849377.25	8.65E-03	8.85E-03	8.44E-03	2.99E-06	9.04E-06	5.23E-06	5.36E-06	4.86E-06	2.16E-06	2.11E-06	1.00E-07	2.42E-06	5.33E-07	7.27E-07	1.15E-06	1.99E-07	1.11E-06	6.24E-06
3454	475863.09	3849377.25	1.50E-02	1.53E-02	1.46E-02	5.19E-06	1.57E-05	9.07E-06	9.28E-06	8.42E-06	3.75E-06	3.66E-06	1.73E-07	4.19E-06	9.24E-07	1.26E-06	2.00E-06	3.44E-07	1.92E-06	1.08E-05
3455	476363.09	3849377.25	2.78E-02	2.85E-02	2.72E-02	9.64E-06	2.91E-05	1.68E-05	1.72E-05	1.56E-05	6.97E-06	6.80E-06	3.22E-07	7.77E-06	1.72E-06	2.34E-06	3.71E-06	6.40E-07	3.57E-06	2.01E-05
3456	476863.09	3849377.25	6.17E-02	6.32E-02	6.02E-02	2.14E-05	6.45E-05	3.73E-05	3.82E-05	3.47E-05	1.54E-05	1.51E-05	7.13E-07	1.72E-05	3.80E-06	5.19E-06	8.23E-06	1.42E-06	7.91E-06	4.45E-05
3457	477363.09	3849377.25	2.22E-02	2.28E-02	2.17E-02	7.70E-06	2.32E-05	1.35E-05	1.38E-05	1.25E-05	5.56E-06	5.43E-06	2.57E-07	6.21E-06	1.37E-06	1.87E-06	2.97E-06	5.11E-07	2.85E-06	1.60E-05
3458	477863.09	3849377.25	1.43E-02	1.46E-02	1.39E-02	4.95E-06	1.49E-05	8.65E-06	8.86E-06	8.03E-06	3.58E-06	3.49E-06	1.65E-07	3.99E-06	8.81E-07	1.20E-06	1.91E-06	3.28E-07	1.83E-06	1.03E-05
3459	478363.09	3849377.25	1.08E-02	1.10E-02	1.05E-02	3.73E-06	1.13E-05	6.52E-06	6.68E-06	6.05E-06	2.70E-06	2.63E-06	1.25E-07	3.01E-06	6.64E-07	9.07E-07	1.44E-06	2.48E-07	1.38E-06	7.77E-06
3460	478863.09	3849377.25	8.02E-03	8.21E-03	7.82E-03	2.78E-06	8.38E-06	4.85E-06	4.97E-06	4.50E-06	2.01E-06	1.96E-06	9.27E-08	2.24E-06	4.94E-07	6.74E-07	1.07E-06	1.84E-07	1.03E-06	5.78E-06
3461	479363.09	3849377.25	6.41E-03	6.56E-03	6.25E-03	2.22E-06	6.70E-06	3.88E-06	3.97E-06	3.60E-06	1.60E-06	1.56E-06	7.40E-08	1.79E-06	3.95E-07	5.39E-07	8.55E-07	1.47E-07	8.21E-07	4.62E-06
3462	479863.09	3849377.25	4.73E-03	4.85E-03	4.62E-03	1.64E-06	4.95E-06	2.86E-06	2.93E-06	2.66E-06	1.18E-06	1.16E-06	5.47E-08	1.32E-06	2.92E-07	3.98E-07	6.32E-07	1.09E-07	6.06E-07	3.41E-06
3463	480363.09	3849377.25	4.58E-03	4.69E-03	4.47E-03	1.59E-06	4.79E-06	2.77E-06	2.84E-06	2.57E-06	1.15E-06	1.12E-06	5.29E-08	1.28E-06	2.82E-07	3.85E-07	6.11E-07	1.05E-07	5.87E-07	3.30E-06
3464	480863.09	3849377.25	3.89E-03	3.98E-03	3.79E-03	1.35E-06	4.06E-06	2.35E-06	2.41E-06	2.18E-06	9.73E-07	9.49E-07	4.49E-08	1.09E-06	2.39E-07	3.27E-07	5.18E-07	8.93E-08	4.98E-07	2.80E-06
3465	481363.09	3849377.25	3.10E-03	3.17E-03	3.02E-03	1.07E-06	3.24E-06	1.87E-06	1.92E-06	1.74E-06	7.75E-07	7.56E-07	3.58E-08	8.65E-07	1.91E-07	2.60E-07	4.13E-07	7.11E-08	3.97E-07	2.23E-06
3466	481863.09	3849377.25	2.29E-03	2.34E-03	2.23E-03	7.92E-07	2.39E-06	1.38E-06	1.42E-06	1.28E-06	5.72E-07	5.58E-07	2.64E-08	6.39E-07	1.41E-07	1.92E-07	3.05E-07	5.25E-08	2.93E-07	1.65E-06
3467	482363.09	3849377.25	1.94E-03	1.98E-03	1.89E-03	6.71E-07	2.03E-06	1.17E-06	1.20E-06	1.09E-06	4.85E-07	4.73E-07	2.24E-08	5.41E-07	1.19E-07	1.63E-07	2.59E-07	4.45E-08	2.48E-07	1.40E-06
3468	482863.09	3849377.25	1.57E-03	1.61E-03	1.54E-03	5.45E-07	1.65E-06	9.53E-07	9.75E-07	8.84E-07	3.94E-07	3.84E-07	1.82E-08	4.40E-07	9.70E-08	1.32E-07	2.10E-07	3.62E-08	2.02E-07	1.14E-06
3469	483363.09	3849377.25	1.39E-03	1.42E-03	1.35E-03	4.80E-07	1.45E-06	8.38E-07	8.58E-07	7.78E-07	3.47E-07	3.38E-07	1.60E-08	3.87E-07	8.54E-08	1.17E-07	1.85E-07	3.18E-08	1.77E-07	9.99E-07
3470	483863.09	3849377.25	1.15E-03	1.17E-03	1.12E-03	3.97E-07	1.20E-06	6.94E-07	7.10E-07	6.44E-07	2.87E-07	2.80E-07	1.33E-08	3.20E-07	7.06E-08	9.64E-08	1.53E-07	2.63E-08	1.47E-07	8.27E-07
3471	484363.09	3849377.25	1.53E-03	1.57E-03	1.49E-03	5.30E-07	1.60E-06	9.27E-07	9.49E-07	8.60E-07	3.84E-07	3.74E-07	1.77E-08	4.28E-07	9.44E-08	1.29E-07	2.04E-07	3.52E-08	1.96E-07	1.10E-06
3472	484863.09	3849377.25	1.69E-03	1.73E-03	1.65E-03	5.84E-07	1.76E-06	1.02E-06	1.05E-06	9.48E-07	4.22E-07	4.12E-07	1.95E-08	4.71E-07	1.04E-07	1.42E-07	2.25E-07	3.88E-08	2.16E-07	1.22E-06
3473	485363.09	3849377.25	1.59E-03	1.63E-03	1.55E-03	5.52E-07	1.67E-06	9.65E-07	9.87E-07	8.95E-07	3.99E-07	3.89E-07	1.84E-08	4.45E-07	9.82E-08	1.34E-07	2.13E-07	3.66E-08	2.04E-07	1.15E-06
3474	485863.09	3849377.25	1.29E-03	1.32E-03	1.26E-03	4.45E-07	1.34E-06	7.79E-07	7.97E-07	7.22E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.28E-07
3475	486363.09	3849377.25	1.05E-03	1.08E-03	1.03E-03	3.64E-07	1.10E-06	6.36E-07	6.51E-07	5.90E-07	2.63E-07	2.57E-07	1.21E-08	2.93E-07	6.48E-08	8.84E-08	1.40E-07	2.41E-08	1.35E-07	7.58E-07
3476	486863.09	3849377.25	1.16E-03	1.19E-03	1.14E-03	4.03E-07	1.22E-06	7.05E-07	7.21E-07	6.54E-07	2.91E-07	2.84E-07	1.35E-08	3.25E-07	7.18E-08	9.79E-08	1.55E-07	2.67E-08	1.49E-07	8.40E-07
3477	487363.09	3849377.25	1.14E-03	1.17E-03	1.11E-03	3.95E-07	1.19E-06	6.91E-07	7.07E-07	6.41E-07	2.86E-07	2.79E-07	1.32E-08	3.19E-07	7.03E-08	9.60E-08	1.52E-07	2.62E-08	1.46E-07	8.23E-07
3478	487863.09	3849377.25	1.07E-03	1.09E-03	1.04E-03	3.69E-07	1.11E-06	6.45E-07	6.60E-07	5.99E-07	2.67E-07	2.60E-07	1.23E-08	2.98E-07	6.57E-08	8.97E-08	1.42E-07	2.45E-08	1.37E-07	7.69E-07
3479	488363.09	3849377.25	1.00E-03	1.03E-03	9.78E-04	3.47E-07	1.05E-06	6.07E-07	6.21E-07	5.63E-07	2.51E-07	2.45E-07	1.16E-08	2.80E-07	6.18E-08	8.43E-08	1.34E-07	2.30E-08	1.28E-07	7.23E-07
3480	488863.09	3849377.25	9.54E-04	9.77E-04	9.31E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.39E-07	2.33E-07	1.10E-08	2.66E-07	5.88E-08	8.03E-08	1.27E-07	2.19E-08	1.22E-07	6.88E-07
3481	489363.09	3849377.25	9.08E-04	9.29E-04	8.86E-04	3.14E-07	9.49E-07	5.49E-07	5.62E-07	5.10E-07	2.27E-07	2.22E-07	1.05E-08	2.54E-07	5.59E-08	7.64E-08	1.21E-07	2.09E-08	1.16E-07	6.55E-07
3482	489863.09	3849377.25	8.48E-04	8.69E-04	8.28E-04	2.94E-07	8.87E-07	5.13E-07	5.26E-07	4.76E-07	2.12E-07	2.07E-07	9.81E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	1.95E-08	1.09E-07	6.12E-07
3483	490363.09	3849377.25	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.97E-07	4.61E-07	4.72E-07	4.28E-07	1.91E-07	1.86E-07	8.81E-09	2.13E-07	4.70E-08	6.41E-08	1.02E-07	1.75E-08	9.77E-08	5.50E-07
3484	490863.09	3849377.25	6.96E-04	7.12E-04	6.78E-04	2.41E-07	7.27E-07	4.21E-07	4.31E-07	3.91E-07	1.74E-07	1.70E-07	8.04E-09	1.94E-07	4.29E-08	5.85E-08	9.28E-08	1.60E-08	8.91E-08	5.01E-07
3485	491363.09	3849377.25	6.39E-04	6.54E-04	6.23E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.60E-07	1.56E-07	7.38E-09	1.78E-07	3.94E-08	5.37E-08	8.52E-08	1.47E-08	8.18E-08	4.61E-07
3486	491863.09	3849377.25	5.57E-04	5.70E-04	5.43E-04	1.93E-07	5.82E-07	3.37E-07	3.45E-07	3.13E-07	1.39E-07	1.36E-07	6.43E-09	1.55E-07	3.43E-08	4.68E-08	7.43E-08	1.28E-08	7.13E-08	4.01E-07
3487	492363.09	3849377.25	4.83E-04	4.95E-04	4.71E-04	1.67E-07	5.05E-07	2.92E-07	2.99E-07	2.71E-07	1.21E-07	1.18E-07	5.58E-09	1.35E-07	2.98E-08	4.06E-08	6.45E-08	1.11E-08	6.19E-08	3.48E-07
3488	492863.09	3849377.25	3.90E-04	3.99E-04	3.80E-04	1.35E-07	4.07E-07	2.36E-07	2.41E-07	2.19E-07	9.75E-08	9.51E-08	4.51E-09	1.09E-07	2.40E-08	3.28E-08	5.20E-08	8.95E-09	4.99E-08	2.81E-07
3489	493363.09	3849377.25	3.50E-04	3.58E-04	3.41E-04	1.21E-07	3.65E-07	2.12E-07	2.17E-07	1.96E-07	8.75E-08	8.53E-08	4.04E-09	9.76E-08	2.15E-08	2.94E-08	4.66E-08	8.03E-09	4.48E-08	2.52E-07
3490	493863.09	3849377.25	3.26E-04	3.33E-04	3.18E-04	1.13E-07	3.40E-07	1.97E-07	2.02E-07	1.83E-07	8.15E-08	7.95E-08	3.77E-09	9.10E-08	2.01E-08	2.74E-08	4.35E-08	7.48E-09	4.17E-08	2.35E-07
3491	494363.09	3849377.25	3.25E-04	3.32E-04	3.17E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.13E-08	7.93E-08	3.75E-09	9.07E-08	2.00E-08	2.73E-08	4.33E-08	7.46E-09	4.16E-08	2.34E-07
3492	494863.09	3849377.25	3.66E-04	3.75E-04	3.57E-04	1.27E-07	3.83E-07	2.22E-07	2.27E-07	2.06E-07	9.17E-08	8.94E-08	4.23E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.41E-09	4.69E-08	2.64E-07
3493	495363.09	3849377.25	3.70E-04	3.78E-04	3.60E-04	1.28E-07	3.86E-07	2.24E-07	2.29E-07	2.07E-07	9.25E-08	9.02E-08	4.27E-09	1.03E-07	2.28E-08	3.11E-08	4.93E-08	8.49E-09	4.73E-08	2.66E-07
3494	495863.09	3849377.25	2.66E-04	2.72E-04	2.59E-04	9.21E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.66E-08	6.49E-08	3.07E-09	7.43E-08	1.64E-08	2.24E-08	3.55E-08	6.11E-09	3.41E-08	1.92E-07
3495	496363.09	3849377.25	2.46E-04	2.52E-04	2.40E-04	8.52E-08	2.57E-07	1.49E-07	1.52E-07	1.38E-07	6.16E-08	6.01E-08	2.84E-09	6.87E-08	1.52E-08	2.07E-08	3.28E-08	5.65E-09	3.15E-08	1.77E-07
3496	496863.09	3849377.25	3.39E-04	3.47E-04	3.31E-04	1.18E-07	3.55E-07	2.05E-07	2.10E-07	1.91E-07	8.50E-08	8.29E-08	3.92E-09	9.48E-08	2.09E-08	2.85E-08	4.53E-08	7.80E-09	4.35E-08	2.45E-07
3497	497363.09	3849377.25	3.60E-04	3.68E-04	3.51E-04	1.24E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.00E-08	8.78E-08	4.16E-09	1.00E-07	2.22E-08	3.02E-08	4.80E-08	8.26E-09	4.61E-08	2.59E-07
3498	497863.09	3849377.25	4.52E-04	4.63E-04	4.41E-04	1.56E-07	4.72E-07	2.74E-07	2.80E-07	2.54E-07	1.13E-07	1.10E-07	5.23E-09	1.26E-07	2.79E-08	3.80E-08	6.03E-08	1.04E-08	5.79E-08	3.26E-07
3499	498363.09	3849377.25	4.20E-04	4.30E-04	4.10E-04	1.45E-07	4.39E-07	2.54E-07	2.60E-07	2.36E-07	1.05E-07	1.03E-07	4.86E-09	1.17E-07	2.59E-08	3.53E-08	5.60E-08	9.65E-09	5.38E-08	3.03E-07
3500	471363.09	3849877.25	7.01E-04	7.18E-04	6.84E-04	2.43E-07	7.33E-07	4.24E-07	4.34E-07	3.94E-07	1.76E-07	1.71E-07	8.11E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.61E-08	8.98E-08	5.06E-07
3501	471863.09	3849877.25	9.50E-04	9.73E-04	9.27E-04	3.29E-07	9.93E-07	5.75E-07	5.89E-07	5.34E-07	2.38E-07	2.32E-07	1.10E-08	2.65E-07	5.86E-08	7.99E-08	1.27E-07	2.18E-08	1.22E-07	6.85E-07
3502	472363.09	3849877.25	1.18E-03	1.21E-03	1.15E-03	4.10E-07	1.24E-06	7.17E-07	7.33E-07	6.65E-07	2.96E-07	2.89E-07	1.37E-08	3.31E-07	7.30E-08	9.96E-08	1.58E-07	2.72E-08	1.52E-07	8.54E-07
3503	472863.09	3849877.25	1.43E-03	1.46E-03	1.39E-03	4.95E-07	1.49E-06	8.65E-07	8.86E-07	8.03E-07	3.58E-07	3.49E-07	1.65E-08	3.99E-07	8.81E-08	1.20E-07	1.91E-07	3.28E-08	1.83E-07	1.03E-06
3504	473363.09	3849877.25	1.74E-03	1.79E-03	1.70E-03	6.04E-07	1.82E-06	1.06E-06	1.08E-06	9.79E-07	4.37E-07	4.26E-07	2.02E-08	4.87E-07	1.07E-07	1.47E-07	2.33E-07	4.01E-08	2.23E-07	1.26E-06
3505	473863.09	3849877.25	2.14E-03	2.19E-03	2.09E-03	7.42E-07	2.24E-06	1.30E-06	1.33E-06	1.20E-06	5.36E-07	5.23E-07	2.48E-08	5.98E-07	1.32E-07	1.80E-07	2.86E-07	4.92E-08	2.75E-07	1.55E-06
3506	474363.09	3849877.25	2.64E-03	2.70E-03	2.57E-03	9.13E-07	2.76E-06	1.60E-06	1.63E-06	1.48E-06	6.60E-07	6.44E-07	3.05E-08	7.37E-07	1.63E-07	2.22E-07	3.52E-07	6.06E-08	3.38E-07	1.90E-06
3507	474863.09	3849877.25	3.27E-03	3.34E-03	3.19E-03	1.13E-06	3.41E-06	1.98E-06	2.02E-06	1.83E-06	8.18E-07	7.97E-07	3.78E-08	9.12E-07	2.01E-07	2.75E-07	4.36E-07	7.50E-08	4.18E-07	2.36E-06
3508	475363.09	3849877.25	4.11E-03	4.20E-03	4.01E-03	1.42E-06	4.29E-06	2.49E-06	2.54E-06	2.31E-06	1.03E-06	1.00E-06	4.75E-08	1.15E-06	2.53E-07	3.45E-07	5.48E-07	9.43E-08	5.26E-07	2.96E-06
3509	475863.09	3849877.25	5.22E-03	5.34E-03	5.09E-03	1.81E-06	5.45E-06	3.16E-06	3.23E-06	2.93E-06	1.31E-06	1.27E-06	6.03E-08	1.46E-06	3.22E-07	4.39E-07	6.96E-07	1.20E-07	6.69E-07	3.76E-06
3510	476363.09	3849877.25	6.82E-03	6.98E-03	6.65E-03	2.36E-06	7.12E-06	4.12E-06	4.22E-06	3.83E-06	1.71E-06	1.66E-06	7.88E-08	1.90E-06	4.20E-07	5.73E-07	9.09E-07	1.57E-07	8.73E-07	4.91E-06
3511	476863.09	3849877.25	9.67E-03	9.89E-03	9.43E-03	3.35E-06	1.01E-05	5.85E-06	5.99E-06	5.43E-06	2.42E-06	2.36E-06	1.12E-07	2.70E-06	5.96E-07	8.13E-07	1.29E-06	2.22E-07	1.24E-06	6.97E-06
3512	477363.09	3849877.25	1.82E-02	1.86E-02	1.77E-02	6.30E-06	1.90E-05	1.10E-05	1.13E-05	1.02E-05	4.55E-06	4.44E-06	2.10E-07	5.08E-06	1.12E-06	1.53E-06	2.43E-06	4.18E-07	2.33E-06	1.31E-05
3513	477863.09	3849877.25	6.71E-02	6.87E-02	6.55E-02	2.32E-05	7.02E-05	4.06E-05	4.16E-05	3.77E-05	1.68E-05	1.64E-05	7.76E-07	1.87E-05	4.14E-06	5.64E-06	8.95E-06	1.54E-06	8.60E-06	4.84E-05
3514	478363.09	3849877.25	2.42E-02	2.48E-02	2.36E-02	8.39E-06	2.53E-05	1.47E-05	1.50E-05	1.36E-05	6.07E-06	5.92E-06	2.80E-07	6.77E-06	1.49E-06	2.04E-06	3.23E-06	5.57E-07	3.11E-06	1.75E-05
3515	478863.09	3849877.25	1.57E-02	1.60E-02	1.53E-02	5.42E-06	1.64E-05	9.48E-06	9.70E-06	8.79E-06	3.92E-06	3.82E-06	1.81E-07	4.37E-06	9.65E-07	1.32E-06	2.09E-06	3.60E-07	2.01E-06	1.13E-05
3516	479363.09	3849877.25	1.09E-02	1.11E-02	1.06E-02	3.77E-06	1.14E-05	6.59E-06	6.74E-06	6.11E-06	2.73E-06	2.66E-06	1.26E-07	3.04E-06	6.71E-07	9.16E-07	1.45E-06	2.50E-07	1.39E-06	7.85E-06
3517	479863.09	3849877.25	8.69E-03	8.90E-03	8.48E-03	3.01E-06	9.08E-06	5.26E-06	5.38E-06	4.88E-06	2.18E-06	2.12E-06	1.00E-07	2.43E-06	5.36E-07	7.31E-07	1.16E-06	2.00E-07	1.11E-06	6.27E-06
3518	480363.09	3849877.25	6.37E-03	6.52E-03	6.21E-03	2.20E-06	6.65E-06	3.85E-06	3.94E-06	3.57E-06	1.59E-06	1.55E-06	7.36E-08	1.78E-06	3.92E-07	5.35E-07	8.49E-07	1.46E-07	8.16E-07	4.59E-06
3519	480863.09	3849877.25	4.92E-03	5.04E-03	4.80E-03	1.70E-06	5.14E-06	2.98E-06	3.05E-06	2.76E-06	1.23E-06	1.20E-06	5.69E-08	1.37E-06	3.03E-07	4.14E-07	6.56E-07	1.13E-07	6.30E-07	3.55E-06
3520	481363.09	3849877.25	4.04E-03	4.14E-03	3.94E-03	1.40E-06	4.23E-06	2.45E-06	2.51E-06	2.27E-06	1.01E-06	9.87E-07	4.68E-08	1.13E-06	2.49E-07	3.40E-07	5.40E-07	9.29E-08	5.18E-07	2.92E-06
3521	481863.09	3849877.25	2.75E-03	2.81E-03	2.68E-03	9.51E-07	2.87E-06	1.66E-06	1.70E-06	1.54E-06	6.88E-07	6.71E-07	3.18E-08	7.67E-07	1.69E-07	2.31E-07	3.66E-07	6.31E-08	3.52E-07	1.98E-06
3522	482363.09	3849877.25	2.20E-03	2.25E-03	2.15E-03	7.62E-07	2.30E-06	1.33E-06	1.36E-06	1.24E-06	5.51E-07	5.38E-07	2.55E-08	6.15E-07	1.36E-07	1.85E-07	2.94E-07	5.06E-08	2.82E-07	1.59E-06
3523	482863.09	3849877.25	1.84E-03	1.88E-03	1.79E-03	6.35E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.59E-07	4.48E-07	2.12E-08	5.12E-07	1.13E-07	1.54E-07	2.45E-07	4.22E-08	2.35E-07	1.32E-06
3524	483363.09	3849877.25	1.53E-03	1.56E-03	1.49E-03	5.29E-07	1.60E-06	9.24E-07	9.46E-07	8.58E-07	3.82E-07	3.73E-07	1.77E-08	4.27E-07	9.41E-08	1.28E-07	2.04E-07	3.51E-08	1.96E-07	1.10E-06
3525	483863.09	3849877.25	1.44E-03	1.48E-03	1.41E-03	4.99E-07	1.51E-06	8.72E-07	8.93E-07	8.10E-07	3.61E-07	3.52E-07	1.67E-08	4.03E-07	8.88E-08	1.21E-07	1.92E-07	3.31E-08	1.85E-07	1.04E-06
3526	484363.09	3849877.25	1.78E-03	1.83E-03	1.74E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.46E-07	4.35E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.10E-08	2.28E-07	1.29E-06
3527	484863.09	3849877.25	2.06E-03	2.11E-03	2.01E-03	7.13E-07	2.15E-06	1.25E-06	1.28E-06	1.16E-06	5.16E-07	5.03E-07	2.38E-08	5.75E-07	1.27E-07	1.73E-07	2.75E-07	4.73E-08	2.64E-07	1.49E-06
3528	485363.09	3849877.25	1.85E-03	1.90E-03	1.81E-03	6.42E-07	1.94E-06	1.12E-06	1.15E-06	1.04E-06	4.64E-07	4.52E-07	2.14E-08	5.18E-07	1.14E-07	1.56E-07	2.47E-07	4.26E-08	2.37E-07	1.34E-06

3529	485863.09	3849877.25	1.57E-03	1.61E-03	1.54E-03	5.45E-07	1.65E-06	9.53E-07	9.75E-07	8.84E-07	3.94E-07	3.84E-07	1.82E-08	4.40E-07	9.70E-08	1.32E-07	2.10E-07	3.62E-08	2.02E-07	1.14E-06
3530	486363.09	3849877.25	1.41E-03	1.45E-03	1.38E-03	4.89E-07	1.48E-06	8.55E-07	8.76E-07	7.94E-07	3.54E-07	3.45E-07	1.63E-08	3.95E-07	8.71E-08	1.19E-07	1.89E-07	3.25E-08	1.81E-07	1.02E-06
3531	486863.09	3849877.25	1.43E-03	1.47E-03	1.40E-03	4.96E-07	1.50E-06	8.68E-07	8.88E-07	8.05E-07	3.59E-07	3.50E-07	1.66E-08	4.00E-07	8.84E-08	1.21E-07	1.91E-07	3.29E-08	1.84E-07	1.03E-06
3532	487363.09	3849877.25	1.35E-03	1.38E-03	1.32E-03	4.68E-07	1.41E-06	8.17E-07	8.37E-07	7.59E-07	3.38E-07	3.30E-07	1.56E-08	3.77E-07	8.32E-08	1.14E-07	1.80E-07	3.10E-08	1.73E-07	9.74E-07
3533	487863.09	3849877.25	1.25E-03	1.28E-03	1.22E-03	4.33E-07	1.31E-06	7.57E-07	7.75E-07	7.03E-07	3.13E-07	3.06E-07	1.45E-08	3.49E-07	7.71E-08	1.05E-07	1.67E-07	2.87E-08	1.60E-07	9.02E-07
3534	488363.09	3849877.25	1.17E-03	1.20E-03	1.14E-03	4.06E-07	1.22E-06	7.09E-07	7.26E-07	6.58E-07	2.93E-07	2.86E-07	1.35E-08	3.27E-07	7.22E-08	9.85E-08	1.56E-07	2.69E-08	1.50E-07	8.45E-07
3535	488863.09	3849877.25	1.10E-03	1.13E-03	1.08E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.76E-07	2.69E-07	1.28E-08	3.08E-07	6.80E-08	9.28E-08	1.47E-07	2.54E-08	1.41E-07	7.96E-07
3536	489363.09	3849877.25	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.07E-06	6.22E-07	6.37E-07	5.77E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.34E-08	8.65E-08	1.37E-07	2.36E-08	1.32E-07	7.41E-07
3537	489863.09	3849877.25	9.39E-04	9.61E-04	9.16E-04	3.25E-07	9.82E-07	5.68E-07	5.82E-07	5.27E-07	2.35E-07	2.29E-07	1.09E-08	2.62E-07	5.79E-08	7.90E-08	1.25E-07	2.16E-08	1.20E-07	6.77E-07
3538	490363.09	3849877.25	8.44E-04	8.63E-04	8.23E-04	2.92E-07	8.82E-07	5.10E-07	5.22E-07	4.74E-07	2.11E-07	2.06E-07	9.75E-09	2.36E-07	5.20E-08	7.09E-08	1.13E-07	1.94E-08	1.08E-07	6.08E-07
3539	490863.09	3849877.25	7.73E-04	7.92E-04	7.54E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.94E-07	1.89E-07	8.94E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.78E-08	9.91E-08	5.58E-07
3540	491363.09	3849877.25	7.05E-04	7.21E-04	6.87E-04	2.44E-07	7.37E-07	4.26E-07	4.37E-07	3.96E-07	1.76E-07	1.72E-07	8.15E-09	1.97E-07	4.34E-08	5.93E-08	9.40E-08	1.62E-08	9.03E-08	5.08E-07
3541	491863.09	3849877.25	6.15E-04	6.30E-04	6.00E-04	2.13E-07	6.43E-07	3.72E-07	3.81E-07	3.45E-07	1.54E-07	1.50E-07	7.11E-09	1.72E-07	3.79E-08	5.17E-08	8.21E-08	1.41E-08	7.88E-08	4.43E-07
3542	492363.09	3849877.25	5.40E-04	5.53E-04	5.27E-04	1.87E-07	5.65E-07	3.27E-07	3.35E-07	3.03E-07	1.35E-07	1.32E-07	6.24E-09	1.51E-07	3.33E-08	4.54E-08	7.21E-08	1.24E-08	6.92E-08	3.89E-07
3543	492863.09	3849877.25	4.55E-04	4.66E-04	4.44E-04	1.58E-07	4.76E-07	2.75E-07	2.82E-07	2.55E-07	1.14E-07	1.11E-07	5.26E-09	1.27E-07	2.80E-08	3.83E-08	6.07E-08	1.05E-08	5.83E-08	3.28E-07
3544	493363.09	3849877.25	3.84E-04	3.93E-04	3.75E-04	1.33E-07	4.01E-07	2.32E-07	2.38E-07	2.16E-07	9.61E-08	9.37E-08	4.44E-09	1.07E-07	2.37E-08	3.23E-08	5.12E-08	8.82E-09	4.92E-08	2.77E-07
3545	493863.09	3849877.25	3.41E-04	3.49E-04	3.32E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.91E-07	8.53E-08	8.32E-08	3.94E-09	9.51E-08	2.10E-08	2.86E-08	4.54E-08	7.83E-09	4.36E-08	2.46E-07
3546	494363.09	3849877.25	4.07E-04	4.17E-04	3.97E-04	1.41E-07	4.26E-07	2.46E-07	2.52E-07	2.29E-07	1.02E-07	9.94E-08	4.71E-09	1.14E-07	2.51E-08	3.42E-08	5.43E-08	9.35E-09	5.22E-08	2.94E-07
3547	494863.09	3849877.25	4.44E-04	4.54E-04	4.33E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.49E-07	1.11E-07	1.08E-07	5.13E-09	1.24E-07	2.73E-08	3.73E-08	5.92E-08	1.02E-08	5.69E-08	3.20E-07
3548	495363.09	3849877.25	3.61E-04	3.69E-04	3.52E-04	1.25E-07	3.77E-07	2.18E-07	2.24E-07	2.03E-07	9.03E-08	8.81E-08	4.17E-09	1.01E-07	2.22E-08	3.03E-08	4.81E-08	8.29E-09	4.62E-08	2.60E-07
3549	495863.09	3849877.25	4.04E-04	4.13E-04	3.94E-04	1.40E-07	4.22E-07	2.44E-07	2.50E-07	2.27E-07	1.01E-07	9.86E-08	4.67E-09	1.13E-07	2.49E-08	3.40E-08	5.39E-08	9.28E-09	5.17E-08	2.91E-07
3550	496363.09	3849877.25	4.07E-04	4.17E-04	3.97E-04	1.41E-07	4.25E-07	2.46E-07	2.52E-07	2.28E-07	1.02E-07	9.93E-08	4.70E-09	1.14E-07	2.51E-08	3.42E-08	5.43E-08	9.35E-09	5.21E-08	2.93E-07
3551	496863.09	3849877.25	4.03E-04	4.13E-04	3.93E-04	1.40E-07	4.22E-07	2.44E-07	2.50E-07	2.27E-07	1.01E-07	9.85E-08	4.66E-09	1.13E-07	2.49E-08	3.39E-08	5.38E-08	9.27E-09	5.17E-08	2.91E-07
3552	497363.09	3849877.25	4.63E-04	4.74E-04	4.51E-04	1.60E-07	4.84E-07	2.80E-07	2.87E-07	2.60E-07	1.16E-07	1.13E-07	5.35E-09	1.29E-07	2.85E-08	3.89E-08	6.17E-08	1.06E-08	5.93E-08	3.34E-07
3553	497863.09	3849877.25	4.70E-04	4.81E-04	4.58E-04	1.63E-07	4.91E-07	2.84E-07	2.91E-07	2.64E-07	1.18E-07	1.15E-07	5.43E-09	1.31E-07	2.89E-08	3.95E-08	6.27E-08	1.08E-08	6.02E-08	3.39E-07
3554	498363.09	3849877.25	4.37E-04	4.47E-04	4.26E-04	1.51E-07	4.56E-07	2.64E-07	2.70E-07	2.45E-07	1.09E-07	1.07E-07	5.05E-09	1.22E-07	2.69E-08	3.67E-08	5.82E-08	1.00E-08	5.59E-08	3.15E-07
3555	471363.09	3850377.25	3.70E-04	3.79E-04	3.61E-04	1.28E-07	3.87E-07	2.24E-07	2.29E-07	2.08E-07	9.26E-08	9.03E-08	4.28E-09	1.03E-07	2.28E-08	3.11E-08	4.93E-08	8.49E-09	4.74E-08	2.67E-07
3556	471863.09	3850377.25	7.03E-04	7.19E-04	6.85E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.94E-07	1.76E-07	1.71E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.37E-08	1.61E-08	9.00E-08	5.07E-07
3557	472363.09	3850377.25	9.37E-04	9.59E-04	9.14E-04	3.24E-07	9.79E-07	5.67E-07	5.80E-07	5.26E-07	2.34E-07	2.29E-07	1.08E-08	2.62E-07	5.77E-08	7.88E-08	1.25E-07	2.15E-08	1.20E-07	6.75E-07
3558	472863.09	3850377.25	1.26E-03	1.29E-03	1.23E-03	4.35E-07	1.31E-06	7.61E-07	7.78E-07	7.06E-07	3.15E-07	3.07E-07	1.45E-08	3.51E-07	7.74E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.06E-07
3559	473363.09	3850377.25	1.49E-03	1.52E-03	1.45E-03	5.14E-07	1.55E-06	8.99E-07	9.20E-07	8.34E-07	3.72E-07	3.63E-07	1.72E-08	4.15E-07	9.15E-08	1.25E-07	1.98E-07	3.41E-08	1.90E-07	1.07E-06
3560	473863.09	3850377.25	1.75E-03	1.79E-03	1.71E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.82E-07	4.38E-07	4.27E-07	2.02E-08	4.89E-07	1.08E-07	1.47E-07	2.33E-07	4.02E-08	2.24E-07	1.26E-06
3561	474363.09	3850377.25	2.03E-03	2.08E-03	1.98E-03	7.03E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.08E-07	4.96E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.46E-06
3562	474863.09	3850377.25	2.38E-03	2.43E-03	2.32E-03	8.23E-07	2.48E-06	1.44E-06	1.47E-06	1.33E-06	5.95E-07	5.80E-07	2.75E-08	6.64E-07	1.46E-07	2.00E-07	3.17E-07	5.46E-08	3.05E-07	1.71E-06
3563	475363.09	3850377.25	2.78E-03	2.84E-03	2.71E-03	9.61E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	6.95E-07	6.77E-07	3.21E-08	7.75E-07	1.71E-07	2.33E-07	3.70E-07	6.37E-08	3.56E-07	2.00E-06
3564	475863.09	3850377.25	3.30E-03	3.38E-03	3.22E-03	1.14E-06	3.45E-06	2.00E-06	2.04E-06	1.85E-06	8.25E-07	8.05E-07	3.81E-08	9.21E-07	2.03E-07	2.77E-07	4.40E-07	7.57E-08	4.22E-07	2.38E-06
3565	476363.09	3850377.25	4.02E-03	4.12E-03	3.92E-03	1.39E-06	4.20E-06	2.43E-06	2.49E-06	2.26E-06	1.01E-06	9.82E-07	4.65E-08	1.12E-06	2.48E-07	3.38E-07	5.36E-07	9.24E-08	5.15E-07	2.90E-06
3566	476863.09	3850377.25	4.99E-03	5.10E-03	4.86E-03	1.73E-06	5.21E-06	3.02E-06	3.09E-06	2.80E-06	1.25E-06	1.22E-06	5.76E-08	1.39E-06	3.07E-07	4.19E-07	6.65E-07	1.15E-07	6.39E-07	3.59E-06
3567	477363.09	3850377.25	6.35E-03	6.50E-03	6.19E-03	2.20E-06	6.64E-06	3.84E-06	3.93E-06	3.56E-06	1.59E-06	1.55E-06	7.34E-08	1.77E-06	3.91E-07	5.34E-07	8.47E-07	1.46E-07	8.13E-07	4.58E-06
3568	477863.09	3850377.25	9.15E-03	9.37E-03	8.93E-03	3.17E-06	9.57E-06	5.54E-06	5.67E-06	5.14E-06	2.29E-06	2.23E-06	1.06E-07	2.56E-06	5.64E-07	7.70E-07	1.22E-06	2.10E-07	1.17E-06	6.60E-06
3569	478363.09	3850377.25	1.80E-02	1.85E-02	1.76E-02	6.25E-06	1.89E-05	1.09E-05	1.12E-05	1.01E-05	4.52E-06	4.40E-06	2.09E-07	5.04E-06	1.11E-06	1.52E-06	2.41E-06	4.14E-07	2.31E-06	1.30E-05
3570	478863.09	3850377.25	7.38E-02	7.56E-02	7.20E-02	2.56E-05	7.71E-05	4.47E-05	4.57E-05	4.14E-05	1.85E-05	1.80E-05	8.53E-07	2.06E-05	4.55E-06	6.21E-06	9.85E-06	1.70E-06	9.46E-06	5.32E-05
3571	479363.09	3850377.25	2.55E-02	2.61E-02	2.49E-02	8.82E-06	2.66E-05	1.54E-05	1.58E-05	1.43E-05	6.38E-06	6.22E-06	2.95E-07	7.12E-06	1.57E-06	2.14E-06	3.40E-06	5.85E-07	3.27E-06	1.84E-05
3572	479863.09	3850377.25	1.52E-02	1.56E-02	1.49E-02	5.27E-06	1.59E-05	9.22E-06	9.44E-06	8.55E-06	3.81E-06	3.72E-06	1.76E-07	4.25E-06	9.39E-07	1.28E-06	2.03E-06	3.50E-07	1.95E-06	1.10E-05
3573	480363.09	3850377.25	1.06E-02	1.09E-02	1.03E-02	3.67E-06	1.11E-05	6.42E-06	6.57E-06	5.96E-06	2.66E-06	2.59E-06	1.23E-07	2.96E-06	6.54E-07	8.92E-07	1.42E-06	2.44E-07	1.36E-06	7.65E-06
3574	480863.09	3850377.25	8.47E-03	8.67E-03	8.26E-03	2.93E-06	8.85E-06	5.13E-06	5.25E-06	4.76E-06	2.12E-06	2.07E-06	9.79E-08	2.37E-06	5.22E-07	7.12E-07	1.13E-06	1.95E-07	1.09E-06	6.11E-06
3575	481363.09	3850377.25	5.33E-03	5.45E-03	5.20E-03	1.84E-06	5.57E-06	3.22E-06	3.30E-06	2.99E-06	1.33E-06	1.30E-06	6.16E-08	1.49E-06	3.28E-07	4.48E-07	7.11E-07	1.22E-07	6.83E-07	3.84E-06
3576	481863.09	3850377.25	4.50E-03	4.60E-03	4.39E-03	1.56E-06	4.70E-06	2.72E-06	2.79E-06	2.52E-06	1.13E-06	1.10E-06	5.20E-08	1.26E-06	2.77E-07	3.78E-07	6.00E-07	1.03E-07	5.76E-07	3.24E-06
3577	482363.09	3850377.25	3.80E-03	3.89E-03	3.70E-03	1.31E-06	3.97E-06	2.30E-06	2.35E-06	2.13E-06	9.50E-07	9.27E-07	4.39E-08	1.06E-06	2.34E-07	3.19E-07	5.07E-07	8.72E-08	4.86E-07	2.74E-06
3578	482863.09	3850377.25	2.73E-03	2.79E-03	2.66E-03	9.43E-07	2.85E-06	1.65E-06	1.69E-06	1.53E-06	6.82E-07	6.65E-07	3.15E-08	7.61E-07	1.68E-07	2.29E-07	3.64E-07	6.26E-08	3.49E-07	1.96E-06
3579	483363.09	3850377.25	2.15E-03	2.20E-03	2.10E-03	7.45E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.39E-07	5.25E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	4.94E-08	2.76E-07	1.55E-06
3580	483863.09	3850377.25	2.16E-03	2.21E-03	2.11E-03	7.48E-07	2.26E-06	1.31E-06	1.34E-06	1.21E-06	5.41E-07	5.27E-07	2.50E-08	6.03E-07	1.33E-07	1.82E-07	2.88E-07	4.96E-08	2.77E-07	1.56E-06
3581	484363.09	3850377.25	2.31E-03	2.37E-03	2.25E-03	8.00E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.79E-07	5.64E-07	2.67E-08	6.45E-07	1.42E-07	1.94E-07	3.08E-07	5.31E-08	2.96E-07	1.67E-06
3582	484863.09	3850377.25	2.42E-03	2.48E-03	2.36E-03	8.37E-07	2.53E-06	1.46E-06	1.50E-06	1.36E-06	6.05E-07	5.90E-07	2.80E-08	6.75E-07	1.49E-07	2.03E-07	3.23E-07	5.55E-08	3.10E-07	1.74E-06
3583	485363.09	3850377.25	2.24E-03	2.29E-03	2.18E-03	7.75E-07	2.34E-06	1.36E-06	1.39E-06	1.26E-06	5.61E-07	5.47E-07	2.59E-08	6.25E-07	1.38E-07	1.88E-07	2.99E-07	5.14E-08	2.87E-07	1.61E-06
3584	485863.09	3850377.25	1.97E-03	2.02E-03	1.92E-03	6.82E-07	2.06E-06	1.19E-06	1.22E-06	1.11E-06	4.93E-07	4.81E-07	2.28E-08	5.50E-07	1.21E-07	1.66E-07	2.63E-07	4.52E-08	2.52E-07	1.42E-06
3585	486363.09	3850377.25	1.83E-03	1.87E-03	1.79E-03	6.34E-07	1.91E-06	1.11E-06	1.13E-06	1.03E-06	4.58E-07	4.47E-07	2.12E-08	5.11E-07	1.13E-07	1.54E-07	2.44E-07	4.21E-08	2.35E-07	1.32E-06
3586	486863.09	3850377.25	1.71E-03	1.75E-03	1.67E-03	5.92E-07	1.79E-06	1.03E-06	1.06E-06	9.59E-07	4.28E-07	4.17E-07	1.98E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	3.93E-08	2.19E-07	1.23E-06
3587	487363.09	3850377.25	1.55E-03	1.58E-03	1.51E-03	5.36E-07	1.62E-06	9.36E-07	9.58E-07	8.69E-07	3.87E-07	3.78E-07	1.79E-08	4.32E-07	9.53E-08	1.30E-07	2.06E-07	3.55E-08	1.98E-07	1.12E-06
3588	487863.09	3850377.25	1.44E-03	1.48E-03	1.41E-03	5.00E-07	1.51E-06	8.74E-07	8.94E-07	8.11E-07	3.61E-07	3.52E-07	1.67E-08	4.03E-07	8.90E-08	1.21E-07	1.93E-07	3.32E-08	1.85E-07	1.04E-06
3589	488363.09	3850377.25	1.33E-03	1.37E-03	1.30E-03	4.62E-07	1.39E-06	8.07E-07	8.26E-07	7.49E-07	3.34E-07	3.26E-07	1.54E-08	3.73E-07	8.22E-08	1.12E-07	1.78E-07	3.06E-08	1.71E-07	9.62E-07
3590	488863.09	3850377.25	1.24E-03	1.27E-03	1.21E-03	4.29E-07	1.29E-06	7.50E-07	7.67E-07	6.95E-07	3.10E-07	3.02E-07	1.43E-08	3.46E-07	7.63E-08	1.04E-07	1.65E-07	2.85E-08	1.59E-07	8.93E-07
3591	489363.09	3850377.25	1.14E-03	1.17E-03	1.11E-03	3.95E-07	1.19E-06	6.91E-07	7.08E-07	6.41E-07	2.86E-07	2.79E-07	1.32E-08	3.19E-07	7.04E-08	9.61E-08	1.52E-07	2.62E-08	1.46E-07	8.24E-07
3592	489863.09	3850377.25	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.08E-06	6.23E-07	6.38E-07	5.78E-07	2.58E-07	2.51E-07	1.19E-08	2.87E-07	6.34E-08	8.66E-08	1.37E-07	2.36E-08	1.32E-07	7.42E-07
3593	490363.09	3850377.25	9.32E-04	9.54E-04	9.09E-04	3.23E-07	9.74E-07	5.64E-07	5.77E-07	5.23E-07	2.33E-07	2.27E-07	1.08E-08	2.60E-07	5.74E-08	7.84E-08	1.24E-07	2.14E-08	1.19E-07	6.72E-07
3594	490863.09	3850377.25	8.50E-04	8.70E-04	8.29E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.77E-07	2.13E-07	2.08E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	1.95E-08	1.09E-07	6.13E-07
3595	491363.09	3850377.25	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.56E-07
3596	491863.09	3850377.25	6.69E-04	6.85E-04	6.53E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.68E-07	1.63E-07	7.74E-09	1.87E-07	4.12E-08	5.63E-08	8.93E-08	1.54E-08	8.58E-08	4.83E-07
3597	492363.09	3850377.25	5.71E-04	5.84E-04	5.57E-04	1.98E-07	5.97E-07	3.45E-07	3.54E-07	3.20E-07	1.43E-07	1.39E-07	6.60E-09	1.59E-07	3.52E-08	4.80E-08	7.61E-08	1.31E-08	7.31E-08	4.12E-07
3598	492863.09	3850377.25	5.05E-04	5.17E-04	4.93E-04	1.75E-07	5.28E-07	3.06E-07	3.13E-07	2.84E-07	1.26E-07	1.23E-07	5.84E-09	1.41E-07	3.11E-08	4.25E-08	6.74E-08	1.16E-08	6.47E-08	3.64E-07
3599	493363.09	3850377.25	4.32E-04	4.42E-04	4.21E-04	1.50E-07	4.52E-07	2.61E-07	2.68E-07	2.43E-07	1.08E-07	1.05E-07	4.99E-09	1.21E-07	2.66E-08	3.63E-08	5.76E-08	9.92E-09	5.54E-08	3.12E-07
3600	493863.09	3850377.25	4.47E-04	4.57E-04	4.36E-04	1.55E-07	4.67E-07	2.70E-07	2.77E-07	2.51E-07	1.12E-07	1.09E-07	5.16E-09	1.25E-07	2.75E-08	3.76E-08	5.96E-08	1.03E-08	5.72E-08	3.22E-07
3601	494363.09	3850377.25	4.51E-04	4.61E-04	4.40E-04	1.56E-07	4.71E-07	2.73E-07	2.79E-07	2.53E-07	1.13E-07	1.10E-07	5.21E-09	1.26E-07	2.78E-08	3.79E-08	6.01E-08	1.04E-08	5.77E-08	3.25E-07
3602	494863.09	3850377.25	4.79E-04	4.90E-04	4.67E-04	1.66E-07	5.00E-07	2.90E-07	2.96E-07	2.69E-07	1.20E-07	1.17E-07	5.53E-09	1.34E-07	2.95E-08	4.03E-08	6.39E-08	1.10E-08	6.13E-08	3.45E-07
3603	495363.09	3850377.25	5.14E-04	5.26E-04	5.01E-04	1.78E-07	5.37E-07	3.11E-07	3.18E-07	2.88E-07	1.29E-07	1.25E-07	5.94E-09	1.43E-07	3.16E-08	4.32E-08	6.85E-08	1.18E-08	6.58E-08	3.70E-07
3604	495863.09	3850377.25	4.61E-04	4.72E-04	4.50E-04	1.60E-07	4.82E-07	2.79E-07	2.86E-07	2.59E-07	1.15E-07	1.13E-07	5.33E-09	1.29E-07	2.84E-08	3.88E-08	6.15E-08	1.06E-08	5.91E-08	3.33E-07
3605	496363.09	3850377.25	4.92E-04	5.04E-04	4.80E-04	1.70E-07	5.15E-07	2.98E-07	3.05E-07	2.76E-07	1.23E-07	1.20E-07	5.69E-09	1.37E-07	3.03E-08	4.14E-08	6.57E-08	1.13E-08	6.31E-08	3.55E-07
3606	496863.09	3850377.25	5.14E-04	5.26E-04	5.02E-04	1.78E-07	5.38E-07	3.11E-07	3.19E-07	2.89E-07	1.29E-07	1.26E-07	5.94E-09	1.44E-07	3.17E-08	4.32E-08	6.86E-08	1.18E-08	6.59E-08	3.71E-07
3607	497363.09	3850377.25	5.09E-04	5.21E-04	4.96E-04	1.76E-07	5.32E-07	3.08E-07	3.15E-07	2.86E-07	1.27E-07	1.24E-07	5.88E-09	1.42E-07	3.13E-08	4.28E-08	6.79E-08	1.17E-08	6.52E-08	3.67E-07
3608	497863.09	3850377.25	4.83E-04	4.95E-04	4.71E-04	1.67E-07	5.05E-07	2.92E-07	2.99E-07	2.71E-07	1.21E-07	1.18E-07	5.59E-09	1.35E-07	2.98E-08	4.06E-08	6.45E-08	1.11E-08	6.19E-08	3.49E-07
3609	498363.09	3850377.25	4.59E-04	4.70E-04	4.47E-04	1.59E-07	4.79E-07	2.78E-07	2.84E-07	2.58E-07	1.15E-07	1.12E-07	5.30E-09	1.28E-07	2.83E-08	3.86E-08	6.12E-08	1.05E-08	5.88E-08	3.31E-07
3610	471363.09	3850877.25	4.54E-04	4.64E-04	4.42E-04	1.57E-07	4.74E-07	2.74E-07	2.81E-07	2.55E-07	1.14E-07	1.11E-07	5.24E-09	1.27E-07	2.79E-08	3.81E-08	6.05E-08	1.04E-08	5.81E-08	3.27E-07
3611	471863.09	3850877.25	6.03E-04	6.17E-04	5.88E-04	2.09E-07	6.30E-07	3.65E-07	3.73E-07	3.39E-07	1.51E-07	1.47E-07	6.97E-09	1.68E-07	3.71E-08	5.07E-08	8.04E-08	1.38E-08	7.72E-08	4.35E-07
3612	472363.09	3850877.25	8.32E-04	8.52E-04	8.12E-04	2.88E-07	8.70E-07	5.04E-07	5.15E-07	4.67E-07	2.08E-07	2.03E-07	9.62E-09	2.32E-07	5.13E-08	7.00E-08	1.11E-07	1.91E-08	1.07E-07	6.00E-07
3613	472863.09	3850877.25	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.10E-06	6.39E-07	6.54E-07	5.93E-07	2.64E-07	2.58E-07	1.22E-08	2.95E-07	6.51E-08	8.88E-08	1.41E-07	2.43E-08	1.35E-07	7.62E-07
3614	473363.09	3850877.25	1.13E-03	1.16E-03	1.11E-03	3.93E-07	1.19E-06	6.87E-07	7.03E-07	6.37E-07	2.84E-07	2.77E-07	1.31E-08	3.17E-07	6.99E-08	9.54E-08	1.51E-07	2.61E-08	1.45E-07	8.18E-07
3615	473863.09	3850877.25	1.41E-03	1.45E-03	1.38E-03	4.89E-07	1.48E-06	8.55E-07	8.75E-07	7.93E-07	3.53E-07	3.45E-07	1.63E-08	3.94E-07	8.70E-08	1.19E-07	1.88E-07	3.24E-08	1.81E-07	1.02E-06
3616	474363.09	3850877.25	1.65E-03	1.69E-03	1.61E-03	5.73E-07	1.73E-06	1.00E-06	1.02E-06	9.29E-07	4.14E-07	4.04E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.80E-08	2.12E-07	1.19E-06
3617	474863.09	3850877.25	1.88E-03	1.92E-03	1.83E-03	6.50E-07	1.96E-06	1.14E-06	1.16E-06	1.05E-06	4.70E-07	4.58E-07	2.17E-08	5.24E-07	1.16E-07	1.58E-07	2.51E-07	4.31E-08	2.41E-07	1.35E-06
3618	475363.09	3850877.25	2.13E-03	2.18E-03	2.08E-03	7.38E-07	2.23E-06	1.29E-06	1.32E-06	1.20E-06	5.34E-07	5.20E-07	2.46E-08	5.95E-07	1.31E-07	1.79E-07	2.84E-07	4.90E-08	2.73E-07	1.54E-06
3619	475863.09	3850877.25	2.43E-03	2.49E-03	2.37E-03	8.41E-07	2.54E-06	1.47E-06	1.50E-06	1.36E-06	6.08E-07	5.93E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.58E-08	3.11E-07	1.75E-06
3620	476363.09	3850877.25	2.82E-03	2.88E-03	2.75E-03	9.75E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.05E-07	6.87E-07	3.26E-08	7.86E-07	1.74E-07	2.37E-07	3.76E-07	6.47E-08	3.61E-07	2.03E-06
3621	476863.09	3850877.25	3.32E-03	3.40E-03	3.24E-03	1.15E-06	3.47E-06	2.01E-06	2.06E-06	1.86E-06	8.31E-07	8.10E-07	3.84E-08	9.27E-07	2.04E-07	2.79E-07	4.43E-07	7.62E-08	4.25E-07	2.39E-06
3622	477363.09	3850877.25	3.96E-03	4.05E-03	3.86E-03	1.37E-06	4.14E-06	2.40E-06	2.45E-06	2.22E-06	9.91E-07	9.66E-07	4.58E-08	1.11E-06	2.44E-07	3.33E-07	5.28E-07	9.09E-08	5.07E-07	2.85E-06
3623	477863.09	3850877.25	4.80E-03	4.91E-03	4.68E-03	1.66E-06	5.01E-06	2.90E-06	2.97E-06	2.69E-06	1.20E-06	1.17E-06	5.54E-08	1.34E-06	2.96E-07	4.03E-07	6.40E-07	1.10E-07	6.14E-07	3.46E-06
3624	478363.09	3850877.25	6.22E-03	6.37E-03	6.07E-03	2.15E-06	6.50E-06	3.76E-06	3.85E-06	3.49E-06	1.56E-06	1.52E-06	7.19E-08	1.74E-06	3.83E-07	5.23E-07	8.30E-07	1.43E-07	7.97E-07	4.49E-06
3625	478863.09	3850877.25	8.77E-03	8.97E-03	8.55E-03	3.03E-06	9.16E-06	5.30E-06	5.43E-06	4.92E-06	2.19E-06	2.14E-06	1.01E-07	2.45E-06	5.40E-07	7.37E-07	1.17E-06	2.01E-07	1.12E-06	6.32E-06
3626	479363.09	3850877.25	1.59E-02	1.63E-02	1.55E-02	5.51E-06	1.67E-05	9.64E-06	9.87E-06	8.94E-06	3.99E-06	3.89E-06	1.84E-07	4.45E-06	9.82E-07	1.34E-06	2.13E-06	3.66E-07	2.04E-06	1.15E-05
3627	479863.09	3850877.25	9.19E-02	9.41E-02	8.96E-02	3.18E-05	9.61E-05	5.56E-05	5.69E-05	5.16E-05	2.30E-05	2.24E-05	1.06E-06	2.57E-05	5.66E-06	7.73E-06	1.23E-05	2.11E-06	1.18E-05	6.63E-05
3628	480363.09	3850877.25	2.65E-02	2.71E-02	2.59E-02	9.18E-06	2.77E-05	1.60E-05	1.64E-05	1.49E-05	6.64E-06	6.47E-06	3.07E-07	7.40E-06	1.63E-06	2.23E-06	3.54E-06	6.09E-07	3.40E-06	1.91E-05
3629	480863.09	3850877.25	1.56E-02	1.60E-02	1.52E-02	5.41E-06	1.63E-05	9.46E-06	9.68E-06	8.78E-06	3.91E-06	3.82E-06	1.81E-07	4.36E-06	9.63E-07	1.31E-06	2.09E-06	3.59E-07	2.00E-06	1.13E-05

3630	481363.09	3850877.25	1.08E-02	1.10E-02	1.05E-02	3.72E-06	1.12E-05	6.51E-06	6.66E-06	6.04E-06	2.69E-06	2.62E-06	1.24E-07	3.00E-06	6.63E-07	9.04E-07	1.43E-06	2.47E-07	1.38E-06	7.75E-06
3631	481863.09	3850877.25	7.58E-03	7.76E-03	7.39E-03	2.62E-06	7.92E-06	4.59E-06	4.69E-06	4.26E-06	1.90E-06	1.85E-06	8.76E-08	2.12E-06	4.67E-07	6.37E-07	1.01E-06	1.74E-07	9.71E-07	5.46E-06
3632	482363.09	3850877.25	5.28E-03	5.41E-03	5.15E-03	1.83E-06	5.52E-06	3.20E-06	3.27E-06	2.97E-06	1.32E-06	1.29E-06	6.11E-08	1.47E-06	3.25E-07	4.44E-07	7.05E-07	1.21E-07	6.77E-07	3.81E-06
3633	482863.09	3850877.25	4.12E-03	4.21E-03	4.01E-03	1.42E-06	4.30E-06	2.49E-06	2.55E-06	2.31E-06	1.03E-06	1.00E-06	4.76E-08	1.15E-06	2.54E-07	3.46E-07	5.49E-07	9.45E-08	5.27E-07	2.97E-06
3634	483363.09	3850877.25	3.17E-03	3.25E-03	3.09E-03	1.10E-06	3.32E-06	1.92E-06	1.96E-06	1.78E-06	7.94E-07	7.74E-07	3.67E-08	8.86E-07	1.95E-07	2.67E-07	4.23E-07	7.29E-08	4.06E-07	2.29E-06
3635	483863.09	3850877.25	2.87E-03	2.94E-03	2.80E-03	9.93E-07	3.00E-06	1.74E-06	1.78E-06	1.61E-06	7.18E-07	7.00E-07	3.32E-08	8.01E-07	1.77E-07	2.41E-07	3.83E-07	6.59E-08	3.67E-07	2.07E-06
3636	484363.09	3850877.25	2.93E-03	3.00E-03	2.86E-03	1.02E-06	3.07E-06	1.77E-06	1.82E-06	1.65E-06	7.34E-07	7.16E-07	3.39E-08	8.19E-07	1.81E-07	2.47E-07	3.91E-07	6.74E-08	3.76E-07	2.11E-06
3637	484863.09	3850877.25	2.72E-03	2.79E-03	2.66E-03	9.43E-07	2.85E-06	1.65E-06	1.69E-06	1.53E-06	6.82E-07	6.65E-07	3.15E-08	7.61E-07	1.68E-07	2.29E-07	3.63E-07	6.26E-08	3.49E-07	1.96E-06
3638	485363.09	3850877.25	2.58E-03	2.64E-03	2.51E-03	8.92E-07	2.69E-06	1.56E-06	1.60E-06	1.45E-06	6.45E-07	6.29E-07	2.98E-08	7.20E-07	1.59E-07	2.17E-07	3.44E-07	5.92E-08	3.30E-07	1.86E-06
3639	485863.09	3850877.25	2.22E-03	2.27E-03	2.16E-03	7.67E-07	2.32E-06	1.34E-06	1.37E-06	1.24E-06	5.54E-07	5.41E-07	2.56E-08	6.18E-07	1.36E-07	1.86E-07	2.95E-07	5.09E-08	2.84E-07	1.60E-06
3640	486363.09	3850877.25	2.11E-03	2.16E-03	2.06E-03	7.32E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.29E-07	5.16E-07	2.44E-08	5.90E-07	1.30E-07	1.78E-07	2.82E-07	4.86E-08	2.71E-07	1.52E-06
3641	486863.09	3850877.25	1.94E-03	1.99E-03	1.89E-03	6.72E-07	2.03E-06	1.17E-06	1.20E-06	1.09E-06	4.86E-07	4.74E-07	2.24E-08	5.42E-07	1.20E-07	1.63E-07	2.59E-07	4.46E-08	2.49E-07	1.40E-06
3642	487363.09	3850877.25	1.74E-03	1.78E-03	1.70E-03	6.02E-07	1.82E-06	1.05E-06	1.08E-06	9.77E-07	4.35E-07	4.25E-07	2.01E-08	4.86E-07	1.07E-07	1.46E-07	2.32E-07	3.99E-08	2.23E-07	1.25E-06
3643	487863.09	3850877.25	1.60E-03	1.64E-03	1.56E-03	5.54E-07	1.67E-06	9.68E-07	9.91E-07	8.98E-07	4.00E-07	3.91E-07	1.85E-08	4.47E-07	9.86E-08	1.35E-07	2.13E-07	3.68E-08	2.05E-07	1.15E-06
3644	488363.09	3850877.25	1.48E-03	1.51E-03	1.44E-03	5.11E-07	1.54E-06	8.94E-07	9.15E-07	8.30E-07	3.70E-07	3.61E-07	1.71E-08	4.13E-07	9.10E-08	1.24E-07	1.97E-07	3.39E-08	1.89E-07	1.07E-06
3645	488863.09	3850877.25	1.35E-03	1.38E-03	1.32E-03	4.68E-07	1.41E-06	8.18E-07	8.37E-07	7.59E-07	3.38E-07	3.30E-07	1.56E-08	3.78E-07	8.33E-08	1.14E-07	1.80E-07	3.11E-08	1.73E-07	9.75E-07
3646	489363.09	3850877.25	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.11E-07	3.03E-07	1.44E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.85E-08	1.59E-07	8.95E-07
3647	489863.09	3850877.25	1.13E-03	1.15E-03	1.10E-03	3.90E-07	1.18E-06	6.81E-07	6.98E-07	6.32E-07	2.82E-07	2.75E-07	1.30E-08	3.14E-07	6.94E-08	9.47E-08	1.50E-07	2.59E-08	1.44E-07	8.12E-07
3648	490363.09	3850877.25	1.03E-03	1.06E-03	1.01E-03	3.57E-07	1.08E-06	6.24E-07	6.39E-07	5.79E-07	2.58E-07	2.52E-07	1.19E-08	2.88E-07	6.36E-08	8.68E-08	1.38E-07	2.37E-08	1.32E-07	7.44E-07
3649	490863.09	3850877.25	9.39E-04	9.62E-04	9.16E-04	3.25E-07	9.82E-07	5.68E-07	5.82E-07	5.27E-07	2.35E-07	2.29E-07	1.09E-08	2.62E-07	5.79E-08	7.90E-08	1.25E-07	2.16E-08	1.20E-07	6.77E-07
3650	491363.09	3850877.25	8.35E-04	8.55E-04	8.15E-04	2.89E-07	8.73E-07	5.05E-07	5.17E-07	4.69E-07	2.09E-07	2.04E-07	9.66E-09	2.33E-07	5.15E-08	7.02E-08	1.11E-07	1.92E-08	1.07E-07	6.02E-07
3651	491863.09	3850877.25	7.34E-04	7.51E-04	7.16E-04	2.54E-07	7.67E-07	4.44E-07	4.55E-07	4.12E-07	1.84E-07	1.79E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.69E-08	9.40E-08	5.29E-07
3652	492363.09	3850877.25	6.46E-04	6.61E-04	6.30E-04	2.24E-07	6.75E-07	3.91E-07	4.00E-07	3.63E-07	1.62E-07	1.58E-07	7.46E-09	1.80E-07	3.98E-08	5.43E-08	8.61E-08	1.48E-08	8.27E-08	4.66E-07
3653	492863.09	3850877.25	5.79E-04	5.93E-04	5.65E-04	2.01E-07	6.05E-07	3.51E-07	3.59E-07	3.25E-07	1.45E-07	1.41E-07	6.70E-09	1.62E-07	3.57E-08	4.87E-08	7.73E-08	1.33E-08	7.42E-08	4.18E-07
3654	493363.09	3850877.25	5.37E-04	5.50E-04	5.24E-04	1.86E-07	5.62E-07	3.25E-07	3.33E-07	3.02E-07	1.35E-07	1.31E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.17E-08	1.23E-08	6.88E-08	3.87E-07
3655	493863.09	3850877.25	5.51E-04	5.64E-04	5.37E-04	1.91E-07	5.76E-07	3.33E-07	3.41E-07	3.09E-07	1.38E-07	1.34E-07	6.37E-09	1.54E-07	3.39E-08	4.63E-08	7.35E-08	1.27E-08	7.06E-08	3.97E-07
3656	494363.09	3850877.25	5.35E-04	5.48E-04	5.22E-04	1.85E-07	5.59E-07	3.24E-07	3.31E-07	3.00E-07	1.34E-07	1.31E-07	6.19E-09	1.49E-07	3.30E-08	4.50E-08	7.14E-08	1.23E-08	6.86E-08	3.86E-07
3657	494863.09	3850877.25	5.53E-04	5.66E-04	5.39E-04	1.91E-07	5.78E-07	3.34E-07	3.42E-07	3.10E-07	1.38E-07	1.35E-07	6.39E-09	1.54E-07	3.40E-08	4.65E-08	7.37E-08	1.27E-08	7.08E-08	3.98E-07
3658	495363.09	3850877.25	5.71E-04	5.84E-04	5.57E-04	1.98E-07	5.97E-07	3.45E-07	3.54E-07	3.20E-07	1.43E-07	1.39E-07	6.60E-09	1.59E-07	3.52E-08	4.80E-08	7.61E-08	1.31E-08	7.31E-08	4.12E-07
3659	495863.09	3850877.25	5.47E-04	5.60E-04	5.34E-04	1.89E-07	5.72E-07	3.31E-07	3.39E-07	3.07E-07	1.37E-07	1.34E-07	6.33E-09	1.53E-07	3.37E-08	4.60E-08	7.30E-08	1.26E-08	7.01E-08	3.95E-07
3660	496363.09	3850877.25	5.42E-04	5.55E-04	5.29E-04	1.88E-07	5.67E-07	3.28E-07	3.36E-07	3.05E-07	1.36E-07	1.32E-07	6.27E-09	1.51E-07	3.34E-08	4.56E-08	7.24E-08	1.25E-08	6.95E-08	3.91E-07
3661	496863.09	3850877.25	5.52E-04	5.65E-04	5.39E-04	1.91E-07	5.77E-07	3.34E-07	3.42E-07	3.10E-07	1.38E-07	1.35E-07	6.39E-09	1.54E-07	3.40E-08	4.65E-08	7.37E-08	1.27E-08	7.08E-08	3.98E-07
3662	497363.09	3850877.25	5.29E-04	5.41E-04	5.16E-04	1.83E-07	5.53E-07	3.20E-07	3.27E-07	2.97E-07	1.32E-07	1.29E-07	6.11E-09	1.48E-07	3.26E-08	4.45E-08	7.05E-08	1.21E-08	6.77E-08	3.81E-07
3663	497863.09	3850877.25	4.98E-04	5.10E-04	4.86E-04	1.72E-07	5.20E-07	3.01E-07	3.08E-07	2.80E-07	1.25E-07	1.22E-07	5.75E-09	1.39E-07	3.07E-08	4.19E-08	6.64E-08	1.14E-08	6.38E-08	3.59E-07
3664	498363.09	3850877.25	4.68E-04	4.79E-04	4.56E-04	1.62E-07	4.89E-07	2.83E-07	2.90E-07	2.63E-07	1.17E-07	1.14E-07	5.41E-09	1.31E-07	2.88E-08	3.94E-08	6.24E-08	1.07E-08	5.99E-08	3.37E-07
3665	471363.09	3851377.25	4.44E-04	4.54E-04	4.33E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.49E-07	1.11E-07	1.08E-07	5.13E-09	1.24E-07	2.73E-08	3.73E-08	5.92E-08	1.02E-08	5.69E-08	3.20E-07
3666	471863.09	3851377.25	6.48E-04	6.63E-04	6.32E-04	2.24E-07	6.77E-07	3.92E-07	4.01E-07	3.64E-07	1.62E-07	1.58E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.64E-08	1.49E-08	8.30E-08	4.67E-07
3667	472363.09	3851377.25	7.18E-04	7.35E-04	7.01E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.03E-07	1.80E-07	1.75E-07	8.30E-09	2.01E-07	4.43E-08	6.04E-08	9.58E-08	1.65E-08	9.20E-08	5.18E-07
3668	472863.09	3851377.25	8.00E-04	8.19E-04	7.80E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.49E-07	2.00E-07	1.95E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.84E-08	1.03E-07	5.77E-07
3669	473363.09	3851377.25	7.57E-04	7.75E-04	7.39E-04	2.62E-07	7.92E-07	4.58E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.75E-09	2.11E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.70E-08	5.46E-07
3670	473863.09	3851377.25	9.02E-04	9.23E-04	8.80E-04	3.12E-07	9.43E-07	5.46E-07	5.59E-07	5.06E-07	2.26E-07	2.20E-07	1.04E-08	2.52E-07	5.56E-08	7.58E-08	1.20E-07	2.07E-08	1.16E-07	6.50E-07
3671	474363.09	3851377.25	1.25E-03	1.28E-03	1.21E-03	4.31E-07	1.30E-06	7.54E-07	7.72E-07	6.99E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.68E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.98E-07
3672	474863.09	3851377.25	1.52E-03	1.55E-03	1.48E-03	5.25E-07	1.58E-06	9.17E-07	9.39E-07	8.51E-07	3.79E-07	3.70E-07	1.75E-08	4.23E-07	9.34E-08	1.27E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
3673	475363.09	3851377.25	1.72E-03	1.77E-03	1.68E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.68E-07	4.32E-07	4.21E-07	1.99E-08	4.82E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
3674	475863.09	3851377.25	1.93E-03	1.98E-03	1.88E-03	6.69E-07	2.02E-06	1.17E-06	1.20E-06	1.08E-06	4.84E-07	4.72E-07	2.23E-08	5.40E-07	1.19E-07	1.62E-07	2.58E-07	4.44E-08	2.48E-07	1.39E-06
3675	476363.09	3851377.25	2.19E-03	2.24E-03	2.13E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.47E-07	5.33E-07	2.53E-08	6.10E-07	1.35E-07	1.84E-07	2.91E-07	5.02E-08	2.80E-07	1.58E-06
3676	476863.09	3851377.25	2.50E-03	2.56E-03	2.44E-03	8.65E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.25E-07	6.10E-07	2.89E-08	6.98E-07	1.54E-07	2.10E-07	3.33E-07	5.74E-08	3.20E-07	1.80E-06
3677	477363.09	3851377.25	2.86E-03	2.93E-03	2.79E-03	9.90E-07	2.99E-06	1.73E-06	1.77E-06	1.61E-06	7.16E-07	6.98E-07	3.31E-08	7.99E-07	1.76E-07	2.41E-07	3.82E-07	6.57E-08	3.66E-07	2.06E-06
3678	477863.09	3851377.25	3.33E-03	3.41E-03	3.25E-03	1.15E-06	3.48E-06	2.01E-06	2.06E-06	1.87E-06	8.33E-07	8.12E-07	3.85E-08	9.29E-07	2.05E-07	2.80E-07	4.44E-07	7.64E-08	4.26E-07	2.40E-06
3679	478363.09	3851377.25	3.95E-03	4.04E-03	3.85E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	9.89E-07	9.64E-07	4.57E-08	1.10E-06	2.43E-07	3.32E-07	5.27E-07	9.07E-08	5.06E-07	2.85E-06
3680	478863.09	3851377.25	4.80E-03	4.91E-03	4.68E-03	1.66E-06	5.02E-06	2.90E-06	2.97E-06	2.69E-06	1.20E-06	1.17E-06	5.55E-08	1.34E-06	2.96E-07	4.04E-07	6.40E-07	1.10E-07	6.15E-07	3.46E-06
3681	479363.09	3851377.25	6.18E-03	6.32E-03	6.02E-03	2.14E-06	6.46E-06	3.74E-06	3.83E-06	3.47E-06	1.55E-06	1.51E-06	7.14E-08	1.72E-06	3.81E-07	5.19E-07	8.24E-07	1.42E-07	7.91E-07	4.45E-06
3682	479863.09	3851377.25	8.63E-03	8.83E-03	8.42E-03	2.99E-06	9.02E-06	5.22E-06	5.34E-06	4.85E-06	2.16E-06	2.11E-06	9.98E-08	2.41E-06	5.32E-07	7.26E-07	1.15E-06	1.98E-07	1.11E-06	6.22E-06
3683	480363.09	3851377.25	1.55E-02	1.58E-02	1.51E-02	5.36E-06	1.62E-05	9.36E-06	9.58E-06	8.69E-06	3.87E-06	3.78E-06	1.79E-07	4.32E-06	9.53E-07	1.30E-06	2.06E-06	3.55E-07	1.98E-06	1.12E-05
3684	480863.09	3851377.25	7.65E-02	7.83E-02	7.46E-02	2.65E-05	8.00E-05	4.63E-05	4.74E-05	4.30E-05	1.92E-05	1.87E-05	8.85E-07	2.14E-05	4.72E-06	6.44E-06	1.02E-05	1.76E-06	9.80E-06	5.52E-05
3685	481363.09	3851377.25	2.49E-02	2.55E-02	2.43E-02	8.62E-06	2.60E-05	1.51E-05	1.54E-05	1.40E-05	6.23E-06	6.08E-06	2.88E-07	6.95E-06	1.53E-06	2.09E-06	3.32E-06	5.72E-07	3.19E-06	1.79E-05
3686	481863.09	3851377.25	1.28E-02	1.31E-02	1.24E-02	4.42E-06	1.33E-05	7.72E-06	7.90E-06	7.16E-06	3.19E-06	3.11E-06	1.47E-07	3.56E-06	7.86E-07	1.07E-06	1.70E-06	2.93E-07	1.63E-06	9.20E-06
3687	482363.09	3851377.25	8.43E-03	8.63E-03	8.22E-03	2.92E-06	8.81E-06	5.10E-06	5.22E-06	4.73E-06	2.11E-06	2.06E-06	9.74E-08	2.35E-06	5.19E-07	7.09E-07	1.12E-06	1.94E-07	1.08E-06	6.08E-06
3688	482863.09	3851377.25	5.63E-03	5.76E-03	5.49E-03	1.95E-06	5.88E-06	3.41E-06	3.49E-06	3.16E-06	1.41E-06	1.37E-06	6.51E-08	1.57E-06	3.47E-07	4.73E-07	7.51E-07	1.29E-07	7.21E-07	4.06E-06
3689	483363.09	3851377.25	4.07E-03	4.17E-03	3.97E-03	1.41E-06	4.25E-06	2.46E-06	2.52E-06	2.28E-06	1.02E-06	9.93E-07	4.70E-08	1.14E-06	2.51E-07	3.42E-07	5.43E-07	9.35E-08	5.21E-07	2.93E-06
3690	483863.09	3851377.25	3.39E-03	3.47E-03	3.31E-03	1.17E-06	3.55E-06	2.05E-06	2.10E-06	1.91E-06	8.49E-07	8.28E-07	3.92E-08	9.48E-07	2.09E-07	2.85E-07	4.53E-07	7.80E-08	4.35E-07	2.45E-06
3691	484363.09	3851377.25	3.56E-03	3.64E-03	3.47E-03	1.23E-06	3.72E-06	2.15E-06	2.20E-06	2.00E-06	8.90E-07	8.68E-07	4.11E-08	9.93E-07	2.19E-07	2.99E-07	4.75E-07	8.17E-08	4.56E-07	2.56E-06
3692	484863.09	3851377.25	2.76E-03	2.82E-03	2.69E-03	9.55E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	6.90E-07	6.73E-07	3.19E-08	7.70E-07	1.70E-07	2.32E-07	3.68E-07	6.34E-08	3.53E-07	1.99E-06
3693	485363.09	3851377.25	2.93E-03	2.99E-03	2.85E-03	1.01E-06	3.06E-06	1.77E-06	1.81E-06	1.64E-06	7.32E-07	7.14E-07	3.38E-08	8.17E-07	1.80E-07	2.46E-07	3.90E-07	6.72E-08	3.75E-07	2.11E-06
3694	485863.09	3851377.25	2.47E-03	2.53E-03	2.41E-03	8.54E-07	2.58E-06	1.49E-06	1.53E-06	1.38E-06	6.17E-07	6.02E-07	2.85E-08	6.89E-07	1.52E-07	2.07E-07	3.29E-07	5.67E-08	3.16E-07	1.78E-06
3695	486363.09	3851377.25	2.37E-03	2.43E-03	2.31E-03	8.20E-07	2.48E-06	1.43E-06	1.47E-06	1.33E-06	5.93E-07	5.79E-07	2.74E-08	6.62E-07	1.46E-07	1.99E-07	3.16E-07	5.44E-08	3.04E-07	1.71E-06
3696	486863.09	3851377.25	2.12E-03	2.17E-03	2.07E-03	7.35E-07	2.22E-06	1.29E-06	1.32E-06	1.19E-06	5.32E-07	5.19E-07	2.46E-08	5.93E-07	1.31E-07	1.79E-07	2.83E-07	4.88E-08	2.72E-07	1.53E-06
3697	487363.09	3851377.25	1.79E-03	1.83E-03	1.75E-03	6.20E-07	1.87E-06	1.08E-06	1.11E-06	1.01E-06	4.48E-07	4.37E-07	2.07E-08	5.00E-07	1.10E-07	1.51E-07	2.39E-07	4.11E-08	2.29E-07	1.29E-06
3698	487863.09	3851377.25	1.72E-03	1.76E-03	1.68E-03	5.96E-07	1.80E-06	1.04E-06	1.07E-06	9.67E-07	4.31E-07	4.20E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
3699	488363.09	3851377.25	1.59E-03	1.63E-03	1.55E-03	5.52E-07	1.67E-06	9.65E-07	9.87E-07	8.95E-07	3.99E-07	3.89E-07	1.84E-08	4.45E-07	9.82E-08	1.34E-07	2.13E-07	3.66E-08	2.04E-07	1.15E-06
3700	488863.09	3851377.25	1.45E-03	1.49E-03	1.42E-03	5.03E-07	1.52E-06	8.79E-07	8.99E-07	8.15E-07	3.63E-07	3.54E-07	1.68E-08	4.05E-07	8.95E-08	1.22E-07	1.94E-07	3.33E-08	1.86E-07	1.05E-06
3701	489363.09	3851377.25	1.32E-03	1.36E-03	1.29E-03	4.58E-07	1.38E-06	8.01E-07	8.20E-07	7.43E-07	3.31E-07	3.23E-07	1.53E-08	3.70E-07	8.16E-08	1.11E-07	1.77E-07	3.04E-08	1.70E-07	9.54E-07
3702	489863.09	3851377.25	1.20E-03	1.23E-03	1.17E-03	4.15E-07	1.25E-06	7.26E-07	7.43E-07	6.74E-07	3.00E-07	2.93E-07	1.39E-08	3.35E-07	7.39E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.65E-07
3703	490363.09	3851377.25	1.09E-03	1.12E-03	1.07E-03	3.79E-07	1.14E-06	6.62E-07	6.77E-07	6.14E-07	2.74E-07	2.67E-07	1.26E-08	3.05E-07	6.74E-08	9.20E-08	1.46E-07	2.51E-08	1.40E-07	7.88E-07
3704	490863.09	3851377.25	9.90E-04	1.01E-03	9.65E-04	3.43E-07	1.03E-06	5.99E-07	6.13E-07	5.56E-07	2.48E-07	2.42E-07	1.14E-08	2.76E-07	6.10E-08	8.32E-08	1.32E-07	2.27E-08	1.27E-07	7.14E-07
3705	491363.09	3851377.25	8.77E-04	8.98E-04	8.56E-04	3.04E-07	9.17E-07	5.31E-07	5.43E-07	4.93E-07	2.20E-07	2.14E-07	1.01E-08	2.45E-07	5.41E-08	7.38E-08	1.17E-07	2.02E-08	1.12E-07	6.33E-07
3706	491863.09	3851377.25	7.84E-04	8.03E-04	7.65E-04	2.71E-07	8.19E-07	4.74E-07	4.86E-07	4.40E-07	1.96E-07	1.91E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
3707	492363.09	3851377.25	7.13E-04	7.30E-04	6.96E-04	2.47E-07	7.46E-07	4.32E-07	4.42E-07	4.00E-07	1.79E-07	1.74E-07	8.24E-09	1.99E-07	4.39E-08	6.00E-08	9.51E-08	1.64E-08	9.14E-08	5.14E-07
3708	492863.09	3851377.25	6.39E-04	6.54E-04	6.23E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.60E-07	1.56E-07	7.39E-09	1.78E-07	3.94E-08	5.37E-08	8.52E-08	1.47E-08	8.19E-08	4.61E-07
3709	493363.09	3851377.25	5.23E-04	5.36E-04	5.11E-04	1.81E-07	5.47E-07	3.17E-07	3.24E-07	2.94E-07	1.31E-07	1.28E-07	6.05E-09	1.46E-07	3.23E-08	4.40E-08	6.98E-08	1.20E-08	6.71E-08	3.77E-07
3710	493863.09	3851377.25	5.35E-04	5.48E-04	5.22E-04	1.85E-07	5.60E-07	3.24E-07	3.32E-07	3.01E-07	1.34E-07	1.31E-07	6.19E-09	1.50E-07	3.30E-08	4.50E-08	7.14E-08	1.23E-08	6.86E-08	3.86E-07
3711	494363.09	3851377.25	5.97E-04	6.11E-04	5.82E-04	2.07E-07	6.24E-07	3.61E-07	3.70E-07	3.35E-07	1.49E-07	1.46E-07	6.90E-09	1.67E-07	3.68E-08	5.02E-08	7.96E-08	1.37E-08	7.65E-08	4.30E-07
3712	494863.09	3851377.25	5.80E-04	5.94E-04	5.66E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.45E-07	1.42E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.33E-08	7.43E-08	4.18E-07
3713	495363.09	3851377.25	6.23E-04	6.38E-04	6.08E-04	2.16E-07	6.52E-07	3.77E-07	3.86E-07	3.50E-07	1.56E-07	1.52E-07	7.21E-09	1.74E-07	3.84E-08	5.24E-08	8.32E-08	1.43E-08	7.99E-08	4.49E-07
3714	495863.09	3851377.25	6.15E-04	6.29E-04	6.00E-04	2.13E-07	6.43E-07	3.72E-07	3.81E-07	3.45E-07	1.54E-07	1.50E-07	7.11E-09	1.72E-07	3.79E-08	5.17E-08	8.20E-08	1.41E-08	7.88E-08	4.43E-07
3715	496363.09	3851377.25	5.95E-04	6.09E-04	5.80E-04	2.06E-07	6.22E-07	3.60E-07	3.68E-07	3.34E-07	1.49E-07	1.45E-07	6.88E-09	1.66E-07	3.67E-08	5.00E-08	7.94E-08	1.37E-08	7.62E-08	4.29E-07
3716	496863.09	3851377.25	5.69E-04	5.82E-04	5.55E-04	1.97E-07	5.95E-07	3.44E-07	3.52E-07	3.19E-07	1.42E-07	1.39E-07	6.58E-09	1.59E-07	3.50E-08	4.78E-08	7.59E-08	1.31E-08	7.29E-08	4.10E-07
3717	497363.09	3851377.25	5.42E-04	5.55E-04	5.29E-04	1.88E-07	5.67E-07	3.28E-07	3.36E-07	3.05E-07	1.36E-07	1.32E-07	6.27E-09	1.51E-07	3.34E-08	4.56E-08	7.24E-08	1.25E-08	6.95E-08	3.91E-07
3718	497863.09	3851377.25	5.12E-04	5.24E-04	4.99E-04	1.77E-07	5.35E-07	3.10E-07	3.17E-07	2.87E-07	1.28E-07	1.25E-07	5.91E-09	1.43E-07	3.15E-08	4.30E-08	6.82E-08	1.17E-08	6.55E-08	3.69E-07
3719	498363.09	3851377.25	4.68E-04	4.79E-04	4.56E-04	1.62E-07	4.89E-07	2.83E-07	2.90E-07	2.63E-07	1.17E-07	1.14E-07	5.41E-09	1.31E-07	2.88E-08	3.93E-08	6.24E-08	1.07E-08	5.99E-08	3.37E-07
3720	471363.09	3851877.25	4.50E-04	4.60E-04	4.39E-04	1.56E-07	4.70E-07	2.72E-07	2.79E-07	2.53E-07	1.13E-07	1.10E-07	5.20E-09	1.26E-07	2.77E-08	3.78E-08	6.00E-08	1.03E-08	5.76E-08	3.24E-07
3721	471863.09	3851877.25	4.53E-04	4.63E-04	4.41E-04	1.57E-07	4.73E-07	2.74E-07	2.80E-07	2.54E-07	1.13E-07	1.10E-07	5.23E-09	1.26E-07	2.79E-08	3.81E-08	6.04E-08	1.04E-08	5.80E-08	3.26E-07
3722	472363.09	3851877.25	5.70E-04	5.84E-04	5.56E-04	1.97E-07	5.96E-07	3.45E-07	3.53E-07	3.20E-07	1.43E-07	1.39E-07	6.59E-09	1.59E-07	3.51E-08	4.80E-08	7.61E-08	1.31E-08	7.31E-08	4.11E-07
3723	472863.09	3851877.25	6.90E-04	7.06E-04	6.73E-04	2.39E-07	7.21E-07	4.17E-07	4.27E-07	3.87E-07	1.73E-07	1.68E-07	7.97E-09	1.93E-07	4.25E-08	5.80E-08	9.20E-08	1.58E-08	8.84E-08	4.97E-07
3724	473363.09	3851877.25	6.63E-04	6.79E-04	6.47E-04	2.30E-07	6.93E-07	4.01E-07	4.11E-07	3.72E-07	1.66E-07	1.62E-07	7.67E-09	1.85E-07	4.09E-08	5.58E-08	8.85E-08	1.52E-08	8.50E-08	4.78E-07
3725	473863.09	3851877.25	7.20E-04	7.37E-04	7.02E-04	2.49E-07	7.53E-07	4.36E-07	4.46E-07	4.04E-07	1.80E-07	1.76E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.61E-08	1.65E-08	9.23E-08	5.19E-07
3726	474363.09	3851877.25	9.43E-04	9.66E-04	9.20E-04	3.27E-07	9.86E-07	5.71E-07	5.84E-07	5.30E-07	2.36E-07	2.30E-07	1.09E-08	2.63E-07	5.81E-08	7.93E-08	1.26E-07	2.17E-08	1.21E-07	6.80E-07
3727	474863.09	3851877.25	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.24E-06	7.15E-07	7.32E-07	6.64E-07	2.96E-07	2.89E-07	1.37E-08	3.30E-07	7.28E-08	9.94E-08	1.58E-07	2.71E-08	1.51E-07	8.52E-07
3728	475363.09	3851877.25	1.37E-03	1.40E-03	1.33E-03	4.74E-07	1.43E-06	8.28E-07	8.47E-07	7.68E-07	3.42E-07	3.34E-07	1.58E-08	3.82E-07	8.43E-08	1.15E-07	1.82E-07	3.14E-08	1.75E-07	9.86E-07
3729	475863.09	3851877.25	1.53E-03	1.57E-03	1.50E-03	5.31E-07	1.60E-06	9.28E-07	9.50E-07	8.61E-07	3.84E-07	3.74E-07	1.77E-08	4.28E-07	9.45E-08	1.29E-07	2.05E-07	3.52E-08	1.96E-07	1.11E-06
3730	476363.09	3851877.25	1.62E-03	1.65E-03	1.58E-03	5.59E-07	1.69E-06	9.78E-07	1.00E-06	9.07E-07	4.04E-07	3.94E-07	1.87E-08	4.51E-07	9.95E-08	1.36E-07	2.16E-07	3.71E-08	2.07E-07	1.16E-06

3731	476863.09	3851877.25	1.87E-03	1.92E-03	1.83E-03	6.49E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.57E-07	2.17E-08	5.23E-07	1.15E-07	1.58E-07	2.50E-07	4.30E-08	2.40E-07	1.35E-06
3732	477363.09	3851877.25	2.16E-03	2.21E-03	2.11E-03	7.47E-07	2.26E-06	1.31E-06	1.34E-06	1.21E-06	5.40E-07	5.27E-07	2.50E-08	6.03E-07	1.33E-07	1.82E-07	2.88E-07	4.96E-08	2.77E-07	1.56E-06
3733	477863.09	3851877.25	2.46E-03	2.52E-03	2.40E-03	8.52E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.16E-07	6.01E-07	2.84E-08	6.87E-07	1.52E-07	2.07E-07	3.28E-07	5.65E-08	3.15E-07	1.77E-06
3734	478363.09	3851877.25	2.76E-03	2.82E-03	2.69E-03	9.55E-07	2.88E-06	1.67E-06	1.71E-06	1.55E-06	6.91E-07	6.74E-07	3.19E-08	7.71E-07	1.70E-07	2.32E-07	3.68E-07	6.34E-08	3.54E-07	1.99E-06
3735	478863.09	3851877.25	3.30E-03	3.38E-03	3.22E-03	1.14E-06	3.45E-06	2.00E-06	2.04E-06	1.85E-06	8.26E-07	8.05E-07	3.81E-08	9.21E-07	2.03E-07	2.77E-07	4.40E-07	7.58E-08	4.23E-07	2.38E-06
3736	479363.09	3851877.25	3.97E-03	4.06E-03	3.87E-03	1.37E-06	4.14E-06	2.40E-06	2.46E-06	2.23E-06	9.92E-07	9.68E-07	4.58E-08	1.11E-06	2.44E-07	3.33E-07	5.29E-07	9.11E-08	5.08E-07	2.86E-06
3737	479863.09	3851877.25	4.80E-03	4.91E-03	4.68E-03	1.66E-06	5.01E-06	2.90E-06	2.97E-06	2.69E-06	1.20E-06	1.17E-06	5.54E-08	1.34E-06	2.95E-07	4.03E-07	6.40E-07	1.10E-07	6.14E-07	3.46E-06
3738	480363.09	3851877.25	6.25E-03	6.39E-03	6.09E-03	2.16E-06	6.53E-06	3.78E-06	3.87E-06	3.51E-06	1.56E-06	1.52E-06	7.22E-08	1.74E-06	3.85E-07	5.25E-07	8.33E-07	1.43E-07	8.00E-07	4.50E-06
3739	480863.09	3851877.25	9.09E-03	9.30E-03	8.86E-03	3.15E-06	9.50E-06	5.50E-06	5.63E-06	5.10E-06	2.27E-06	2.22E-06	1.05E-07	2.54E-06	5.60E-07	7.64E-07	1.21E-06	2.09E-07	1.16E-06	6.55E-06
3740	481363.09	3851877.25	2.21E-02	2.26E-02	2.15E-02	7.63E-06	2.31E-05	1.33E-05	1.37E-05	1.24E-05	5.52E-06	5.38E-06	2.55E-07	6.16E-06	1.36E-06	1.85E-06	2.94E-06	5.07E-07	2.83E-06	1.59E-05
3741	481863.09	3851877.25	2.44E-02	2.49E-02	2.38E-02	8.44E-06	2.55E-05	1.47E-05	1.51E-05	1.37E-05	6.10E-06	5.95E-06	2.82E-07	6.80E-06	1.50E-06	2.05E-06	3.25E-06	5.60E-07	3.12E-06	1.76E-05
3742	482363.09	3851877.25	9.58E-03	9.80E-03	9.34E-03	3.32E-06	1.00E-05	5.80E-06	5.93E-06	5.38E-06	2.40E-06	2.34E-06	1.11E-07	2.67E-06	5.90E-07	8.05E-07	1.28E-06	2.20E-07	1.23E-06	6.91E-06
3743	482863.09	3851877.25	5.82E-03	5.96E-03	5.68E-03	2.01E-06	6.08E-06	3.52E-06	3.60E-06	3.27E-06	1.46E-06	1.42E-06	6.73E-08	1.62E-06	3.59E-07	4.89E-07	7.76E-07	1.34E-07	7.45E-07	4.20E-06
3744	483363.09	3851877.25	5.12E-03	5.24E-03	4.99E-03	1.77E-06	5.35E-06	3.10E-06	3.17E-06	2.87E-06	1.28E-06	1.25E-06	5.92E-08	1.43E-06	3.15E-07	4.30E-07	6.83E-07	1.18E-07	6.56E-07	3.69E-06
3745	483863.09	3851877.25	4.27E-03	4.37E-03	4.17E-03	1.48E-06	4.46E-06	2.58E-06	2.65E-06	2.40E-06	1.07E-06	1.04E-06	4.94E-08	1.19E-06	2.63E-07	3.59E-07	5.70E-07	9.81E-08	5.47E-07	3.08E-06
3746	484363.09	3851877.25	4.05E-03	4.14E-03	3.95E-03	1.40E-06	4.23E-06	2.45E-06	2.51E-06	2.27E-06	1.01E-06	9.88E-07	4.68E-08	1.13E-06	2.49E-07	3.40E-07	5.40E-07	9.29E-08	5.18E-07	2.92E-06
3747	484863.09	3851877.25	3.45E-03	3.53E-03	3.36E-03	1.19E-06	3.61E-06	2.09E-06	2.14E-06	1.94E-06	8.63E-07	8.42E-07	3.99E-08	9.63E-07	2.13E-07	2.90E-07	4.60E-07	7.92E-08	4.42E-07	2.49E-06
3748	485363.09	3851877.25	3.16E-03	3.24E-03	3.08E-03	1.09E-06	3.30E-06	1.91E-06	1.96E-06	1.77E-06	7.91E-07	7.72E-07	3.65E-08	8.83E-07	1.95E-07	2.66E-07	4.22E-07	7.26E-08	4.05E-07	2.28E-06
3749	485863.09	3851877.25	2.88E-03	2.95E-03	2.81E-03	9.96E-07	3.01E-06	1.74E-06	1.78E-06	1.62E-06	7.20E-07	7.02E-07	3.33E-08	8.03E-07	1.77E-07	2.42E-07	3.84E-07	6.61E-08	3.69E-07	2.07E-06
3750	486363.09	3851877.25	2.46E-03	2.52E-03	2.40E-03	8.53E-07	2.57E-06	1.49E-06	1.53E-06	1.38E-06	6.16E-07	6.01E-07	2.85E-08	6.88E-07	1.52E-07	2.07E-07	3.29E-07	5.66E-08	3.16E-07	1.78E-06
3751	486863.09	3851877.25	2.22E-03	2.27E-03	2.17E-03	7.69E-07	2.32E-06	1.34E-06	1.38E-06	1.25E-06	5.56E-07	5.42E-07	2.57E-08	6.20E-07	1.37E-07	1.87E-07	2.96E-07	5.10E-08	2.84E-07	1.60E-06
3752	487363.09	3851877.25	2.00E-03	2.05E-03	1.95E-03	6.92E-07	2.09E-06	1.21E-06	1.24E-06	1.12E-06	5.00E-07	4.88E-07	2.31E-08	5.58E-07	1.23E-07	1.68E-07	2.67E-07	4.59E-08	2.56E-07	1.44E-06
3753	487863.09	3851877.25	1.69E-03	1.73E-03	1.64E-03	5.84E-07	1.76E-06	1.02E-06	1.04E-06	9.47E-07	4.22E-07	4.12E-07	1.95E-08	4.71E-07	1.04E-07	1.42E-07	2.25E-07	3.87E-08	2.16E-07	1.22E-06
3754	488363.09	3851877.25	1.54E-03	1.58E-03	1.50E-03	5.33E-07	1.61E-06	9.32E-07	9.54E-07	8.65E-07	3.85E-07	3.76E-07	1.78E-08	4.30E-07	9.49E-08	1.29E-07	2.05E-07	3.54E-08	1.97E-07	1.11E-06
3755	488863.09	3851877.25	1.35E-03	1.38E-03	1.32E-03	4.68E-07	1.41E-06	8.19E-07	8.38E-07	7.60E-07	3.39E-07	3.30E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.80E-07	3.11E-08	1.73E-07	9.75E-07
3756	489363.09	3851877.25	1.20E-03	1.23E-03	1.17E-03	4.15E-07	1.25E-06	7.25E-07	7.42E-07	6.73E-07	3.00E-07	2.92E-07	1.39E-08	3.35E-07	7.38E-08	1.01E-07	1.60E-07	2.75E-08	1.53E-07	8.64E-07
3757	489863.09	3851877.25	1.08E-03	1.11E-03	1.06E-03	3.75E-07	1.13E-06	6.55E-07	6.71E-07	6.08E-07	2.71E-07	2.64E-07	1.25E-08	3.02E-07	6.67E-08	9.11E-08	1.45E-07	2.49E-08	1.39E-07	7.81E-07
3758	490363.09	3851877.25	1.01E-03	1.03E-03	9.81E-04	3.48E-07	1.05E-06	6.09E-07	6.23E-07	5.65E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.20E-08	8.46E-08	1.34E-07	2.31E-08	1.29E-07	7.25E-07
3759	490863.09	3851877.25	9.44E-04	9.67E-04	9.21E-04	3.27E-07	9.87E-07	5.71E-07	5.85E-07	5.30E-07	2.36E-07	2.31E-07	1.09E-08	2.64E-07	5.82E-08	7.94E-08	1.26E-07	2.17E-08	1.21E-07	6.81E-07
3760	491363.09	3851877.25	8.96E-04	9.17E-04	8.73E-04	3.10E-07	9.36E-07	5.42E-07	5.55E-07	5.03E-07	2.24E-07	2.19E-07	1.04E-08	2.50E-07	5.52E-08	7.53E-08	1.19E-07	2.06E-08	1.15E-07	6.46E-07
3761	491863.09	3851877.25	8.41E-04	8.61E-04	8.20E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.72E-07	2.10E-07	2.05E-07	9.72E-09	2.35E-07	5.18E-08	7.07E-08	1.12E-07	1.93E-08	1.08E-07	6.06E-07
3762	492363.09	3851877.25	7.57E-04	7.75E-04	7.39E-04	2.62E-07	7.92E-07	4.58E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.75E-09	2.11E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.70E-08	5.46E-07
3763	492863.09	3851877.25	6.04E-04	6.18E-04	5.89E-04	2.09E-07	6.31E-07	3.66E-07	3.74E-07	3.39E-07	1.51E-07	1.47E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.39E-08	7.74E-08	4.36E-07
3764	493363.09	3851877.25	6.71E-04	6.87E-04	6.55E-04	2.32E-07	7.02E-07	4.06E-07	4.16E-07	3.77E-07	1.68E-07	1.64E-07	7.76E-09	1.87E-07	4.14E-08	5.65E-08	8.96E-08	1.54E-08	8.60E-08	4.84E-07
3765	493863.09	3851877.25	7.28E-04	7.45E-04	7.10E-04	2.52E-07	7.61E-07	4.41E-07	4.51E-07	4.09E-07	1.82E-07	1.78E-07	8.42E-09	2.03E-07	4.49E-08	6.12E-08	9.71E-08	1.67E-08	9.33E-08	5.25E-07
3766	494363.09	3851877.25	6.66E-04	6.82E-04	6.49E-04	2.31E-07	6.96E-07	4.03E-07	4.12E-07	3.74E-07	1.67E-07	1.63E-07	7.70E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.53E-08	8.53E-08	4.80E-07
3767	494863.09	3851877.25	6.81E-04	6.97E-04	6.65E-04	2.36E-07	7.12E-07	4.12E-07	4.22E-07	3.83E-07	1.71E-07	1.66E-07	7.88E-09	1.90E-07	4.20E-08	5.73E-08	9.09E-08	1.57E-08	8.73E-08	4.91E-07
3768	495363.09	3851877.25	6.73E-04	6.89E-04	6.56E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.68E-07	1.64E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.55E-08	8.62E-08	4.85E-07
3769	495863.09	3851877.25	6.55E-04	6.71E-04	6.39E-04	2.27E-07	6.85E-07	3.97E-07	4.06E-07	3.68E-07	1.64E-07	1.60E-07	7.58E-09	1.83E-07	4.04E-08	5.51E-08	8.74E-08	1.51E-08	8.40E-08	4.73E-07
3770	496363.09	3851877.25	6.19E-04	6.34E-04	6.04E-04	2.14E-07	6.47E-07	3.75E-07	3.84E-07	3.48E-07	1.55E-07	1.51E-07	7.16E-09	1.73E-07	3.82E-08	5.21E-08	8.26E-08	1.42E-08	7.93E-08	4.47E-07
3771	496863.09	3851877.25	5.83E-04	5.97E-04	5.68E-04	2.02E-07	6.09E-07	3.53E-07	3.61E-07	3.27E-07	1.46E-07	1.42E-07	6.74E-09	1.63E-07	3.59E-08	4.90E-08	7.77E-08	1.34E-08	7.47E-08	4.20E-07
3772	497363.09	3851877.25	5.46E-04	5.59E-04	5.33E-04	1.89E-07	5.71E-07	3.31E-07	3.38E-07	3.07E-07	1.37E-07	1.33E-07	6.32E-09	1.53E-07	3.37E-08	4.59E-08	7.29E-08	1.25E-08	7.00E-08	3.94E-07
3773	497863.09	3851877.25	4.96E-04	5.08E-04	4.84E-04	1.72E-07	5.19E-07	3.00E-07	3.07E-07	2.79E-07	1.24E-07	1.21E-07	5.73E-09	1.39E-07	3.06E-08	4.17E-08	6.62E-08	1.14E-08	6.36E-08	3.58E-07
3774	498363.09	3851877.25	4.52E-04	4.62E-04	4.40E-04	1.56E-07	4.72E-07	2.73E-07	2.80E-07	2.54E-07	1.13E-07	1.10E-07	5.22E-09	1.26E-07	2.78E-08	3.80E-08	6.02E-08	1.04E-08	5.78E-08	3.26E-07
3775	471363.09	3852377.25	3.47E-04	3.56E-04	3.39E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.69E-08	8.48E-08	4.02E-09	9.70E-08	2.14E-08	2.92E-08	4.63E-08	7.98E-09	4.45E-08	2.50E-07
3776	471863.09	3852377.25	4.33E-04	4.43E-04	4.22E-04	1.50E-07	4.52E-07	2.62E-07	2.68E-07	2.43E-07	1.08E-07	1.06E-07	5.00E-09	1.21E-07	2.67E-08	3.64E-08	5.77E-08	9.94E-09	5.54E-08	3.12E-07
3777	472363.09	3852377.25	4.99E-04	5.11E-04	4.87E-04	1.73E-07	5.22E-07	3.02E-07	3.09E-07	2.80E-07	1.25E-07	1.22E-07	5.77E-09	1.39E-07	3.08E-08	4.20E-08	6.66E-08	1.15E-08	6.39E-08	3.60E-07
3778	472863.09	3852377.25	5.68E-04	5.81E-04	5.54E-04	1.97E-07	5.93E-07	3.44E-07	3.52E-07	3.19E-07	1.42E-07	1.39E-07	6.56E-09	1.59E-07	3.50E-08	4.77E-08	7.57E-08	1.30E-08	7.27E-08	4.09E-07
3779	473363.09	3852377.25	6.19E-04	6.34E-04	6.04E-04	2.14E-07	6.47E-07	3.75E-07	3.84E-07	3.48E-07	1.55E-07	1.51E-07	7.16E-09	1.73E-07	3.82E-08	5.21E-08	8.26E-08	1.42E-08	7.93E-08	4.47E-07
3780	473863.09	3852377.25	6.55E-04	6.70E-04	6.39E-04	2.27E-07	6.84E-07	3.96E-07	4.06E-07	3.68E-07	1.64E-07	1.60E-07	7.57E-09	1.83E-07	4.03E-08	5.51E-08	8.73E-08	1.50E-08	8.39E-08	4.72E-07
3781	474363.09	3852377.25	6.97E-04	7.13E-04	6.80E-04	2.41E-07	7.28E-07	4.22E-07	4.32E-07	3.91E-07	1.74E-07	1.70E-07	8.05E-09	1.95E-07	4.29E-08	5.86E-08	9.30E-08	1.60E-08	8.93E-08	5.02E-07
3782	474863.09	3852377.25	9.80E-04	1.00E-03	9.56E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.74E-07	6.04E-08	8.24E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
3783	475363.09	3852377.25	1.06E-03	1.08E-03	1.03E-03	3.65E-07	1.10E-06	6.39E-07	6.54E-07	5.93E-07	2.64E-07	2.58E-07	1.22E-08	2.95E-07	6.50E-08	8.88E-08	1.41E-07	2.42E-08	1.35E-07	7.61E-07
3784	475863.09	3852377.25	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.17E-06	6.79E-07	6.95E-07	6.30E-07	2.81E-07	2.74E-07	1.30E-08	3.13E-07	6.92E-08	9.44E-08	1.50E-07	2.58E-08	1.44E-07	8.09E-07
3785	476363.09	3852377.25	1.15E-03	1.18E-03	1.12E-03	3.98E-07	1.20E-06	6.95E-07	7.12E-07	6.45E-07	2.88E-07	2.80E-07	1.33E-08	3.21E-07	7.08E-08	9.66E-08	1.53E-07	2.64E-08	1.47E-07	8.28E-07
3786	476863.09	3852377.25	1.29E-03	1.32E-03	1.26E-03	4.46E-07	1.35E-06	7.79E-07	7.97E-07	7.23E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.28E-07
3787	477363.09	3852377.25	1.37E-03	1.40E-03	1.34E-03	4.75E-07	1.43E-06	8.30E-07	8.50E-07	7.71E-07	3.43E-07	3.35E-07	1.59E-08	3.83E-07	8.46E-08	1.15E-07	1.83E-07	3.15E-08	1.76E-07	9.89E-07
3788	477863.09	3852377.25	1.16E-03	1.19E-03	1.14E-03	4.03E-07	1.22E-06	7.04E-07	7.21E-07	6.54E-07	2.91E-07	2.84E-07	1.35E-08	3.25E-07	7.17E-08	9.79E-08	1.55E-07	2.67E-08	1.49E-07	8.39E-07
3789	478363.09	3852377.25	1.05E-03	1.08E-03	1.03E-03	3.64E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.63E-07	2.57E-07	1.22E-08	2.94E-07	6.48E-08	8.85E-08	1.40E-07	2.42E-08	1.35E-07	7.58E-07
3790	478863.09	3852377.25	1.58E-03	1.61E-03	1.54E-03	5.46E-07	1.65E-06	9.54E-07	9.77E-07	8.85E-07	3.95E-07	3.85E-07	1.82E-08	4.40E-07	9.72E-08	1.33E-07	2.10E-07	3.62E-08	2.02E-07	1.14E-06
3791	479363.09	3852377.25	2.03E-03	2.08E-03	1.98E-03	7.03E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.08E-07	4.96E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.46E-06
3792	479863.09	3852377.25	3.10E-03	3.18E-03	3.03E-03	1.07E-06	3.24E-06	1.88E-06	1.92E-06	1.74E-06	7.77E-07	7.57E-07	3.59E-08	8.66E-07	1.91E-07	2.61E-07	4.14E-07	7.13E-08	3.98E-07	2.24E-06
3793	480363.09	3852377.25	4.03E-03	4.12E-03	3.93E-03	1.39E-06	4.21E-06	2.44E-06	2.49E-06	2.26E-06	1.01E-06	9.82E-07	4.65E-08	1.12E-06	2.48E-07	3.38E-07	5.37E-07	9.24E-08	5.16E-07	2.90E-06
3794	480863.09	3852377.25	5.20E-03	5.32E-03	5.07E-03	1.80E-06	5.43E-06	3.15E-06	3.22E-06	2.92E-06	1.30E-06	1.27E-06	6.01E-08	1.45E-06	3.20E-07	4.37E-07	6.93E-07	1.19E-07	6.66E-07	3.75E-06
3795	481363.09	3852377.25	7.83E-03	8.01E-03	7.63E-03	2.71E-06	8.18E-06	4.74E-06	4.85E-06	4.39E-06	1.96E-06	1.91E-06	9.05E-08	2.19E-06	4.82E-07	6.58E-07	1.04E-06	1.80E-07	1.00E-06	5.64E-06
3796	481863.09	3852377.25	2.21E-02	2.26E-02	2.16E-02	7.66E-06	2.31E-05	1.34E-05	1.37E-05	1.24E-05	5.54E-06	5.40E-06	2.56E-07	6.18E-06	1.36E-06	1.86E-06	2.95E-06	5.08E-07	2.83E-06	1.60E-05
3797	482363.09	3852377.25	2.19E-02	2.25E-02	2.14E-02	7.59E-06	2.29E-05	1.33E-05	1.36E-05	1.23E-05	5.49E-06	5.35E-06	2.54E-07	6.13E-06	1.35E-06	1.84E-06	2.93E-06	5.04E-07	2.81E-06	1.58E-05
3798	482863.09	3852377.25	1.04E-02	1.06E-02	1.01E-02	3.59E-06	1.08E-05	6.27E-06	6.42E-06	5.82E-06	2.60E-06	2.53E-06	1.20E-07	2.90E-06	6.39E-07	8.72E-07	1.38E-06	2.38E-07	1.33E-06	7.48E-06
3799	483363.09	3852377.25	6.08E-03	6.23E-03	5.93E-03	2.11E-06	6.36E-06	3.68E-06	3.77E-06	3.42E-06	1.52E-06	1.49E-06	7.03E-08	1.70E-06	3.75E-07	5.12E-07	8.12E-07	1.40E-07	7.79E-07	4.39E-06
3800	483863.09	3852377.25	4.60E-03	4.71E-03	4.49E-03	1.59E-06	4.81E-06	2.78E-06	2.85E-06	2.58E-06	1.15E-06	1.12E-06	5.32E-08	1.28E-06	2.84E-07	3.87E-07	6.14E-07	1.06E-07	5.89E-07	3.32E-06
3801	484363.09	3852377.25	4.36E-03	4.46E-03	4.25E-03	1.51E-06	4.55E-06	2.64E-06	2.70E-06	2.45E-06	1.09E-06	1.06E-06	5.04E-08	1.22E-06	2.68E-07	3.66E-07	5.81E-07	1.00E-07	5.58E-07	3.14E-06
3802	484863.09	3852377.25	3.96E-03	4.05E-03	3.86E-03	1.37E-06	4.13E-06	2.39E-06	2.45E-06	2.22E-06	9.90E-07	9.66E-07	4.57E-08	1.10E-06	2.44E-07	3.33E-07	5.28E-07	9.09E-08	5.07E-07	2.85E-06
3803	485363.09	3852377.25	3.56E-03	3.64E-03	3.47E-03	1.23E-06	3.72E-06	2.15E-06	2.20E-06	2.00E-06	8.91E-07	8.69E-07	4.11E-08	9.94E-07	2.19E-07	2.99E-07	4.75E-07	8.17E-08	4.56E-07	2.57E-06
3804	485863.09	3852377.25	3.00E-03	3.07E-03	2.92E-03	1.04E-06	3.13E-06	1.81E-06	1.86E-06	1.68E-06	7.50E-07	7.32E-07	3.46E-08	8.37E-07	1.85E-07	2.52E-07	4.00E-07	6.88E-08	3.84E-07	2.16E-06
3805	486363.09	3852377.25	2.45E-03	2.51E-03	2.39E-03	8.50E-07	2.57E-06	1.49E-06	1.52E-06	1.38E-06	6.14E-07	5.99E-07	2.84E-08	6.85E-07	1.51E-07	2.06E-07	3.27E-07	5.64E-08	3.14E-07	1.77E-06
3806	486863.09	3852377.25	2.15E-03	2.20E-03	2.09E-03	7.43E-07	2.24E-06	1.30E-06	1.33E-06	1.20E-06	5.37E-07	5.24E-07	2.48E-08	5.99E-07	1.32E-07	1.80E-07	2.86E-07	4.93E-08	2.75E-07	1.55E-06
3807	487363.09	3852377.25	1.84E-03	1.89E-03	1.80E-03	6.38E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.61E-07	4.50E-07	2.13E-08	5.15E-07	1.14E-07	1.55E-07	2.46E-07	4.23E-08	2.36E-07	1.33E-06
3808	487863.09	3852377.25	1.59E-03	1.63E-03	1.55E-03	5.50E-07	1.66E-06	9.62E-07	9.85E-07	8.93E-07	3.98E-07	3.88E-07	1.84E-08	4.44E-07	9.79E-08	1.34E-07	2.12E-07	3.65E-08	2.04E-07	1.15E-06
3809	488363.09	3852377.25	1.37E-03	1.41E-03	1.34E-03	4.76E-07	1.44E-06	8.31E-07	8.51E-07	7.71E-07	3.44E-07	3.35E-07	1.59E-08	3.84E-07	8.46E-08	1.16E-07	1.83E-07	3.16E-08	1.76E-07	9.90E-07
3810	488863.09	3852377.25	1.18E-03	1.20E-03	1.15E-03	4.07E-07	1.23E-06	7.12E-07	7.28E-07	6.60E-07	2.94E-07	2.87E-07	1.36E-08	3.28E-07	7.25E-08	9.89E-08	1.57E-07	2.70E-08	1.51E-07	8.48E-07
3811	489363.09	3852377.25	1.03E-03	1.06E-03	1.01E-03	3.58E-07	1.08E-06	6.25E-07	6.40E-07	5.80E-07	2.59E-07	2.52E-07	1.19E-08	2.88E-07	6.36E-08	8.69E-08	1.38E-07	2.37E-08	1.32E-07	7.45E-07
3812	489863.09	3852377.25	8.78E-04	8.99E-04	8.56E-04	3.04E-07	9.18E-07	5.31E-07	5.44E-07	4.93E-07	2.20E-07	2.14E-07	1.02E-08	2.45E-07	5.41E-08	7.38E-08	1.17E-07	2.02E-08	1.12E-07	6.33E-07
3813	490363.09	3852377.25	8.84E-04	9.05E-04	8.63E-04	3.06E-07	9.24E-07	5.35E-07	5.48E-07	4.97E-07	2.21E-07	2.16E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.03E-08	1.13E-07	6.38E-07
3814	490863.09	3852377.25	8.71E-04	8.92E-04	8.50E-04	3.02E-07	9.11E-07	5.27E-07	5.40E-07	4.89E-07	2.18E-07	2.13E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.00E-08	1.12E-07	6.28E-07
3815	491363.09	3852377.25	9.26E-04	9.48E-04	9.04E-04	3.21E-07	9.68E-07	5.61E-07	5.74E-07	5.20E-07	2.32E-07	2.26E-07	1.07E-08	2.59E-07	5.71E-08	7.79E-08	1.24E-07	2.13E-08	1.19E-07	6.68E-07
3816	491863.09	3852377.25	8.80E-04	9.01E-04	8.58E-04	3.05E-07	9.20E-07	5.32E-07	5.45E-07	4.94E-07	2.20E-07	2.15E-07	1.02E-08	2.46E-07	5.42E-08	7.40E-08	1.17E-07	2.02E-08	1.13E-07	6.34E-07
3817	492363.09	3852377.25	8.31E-04	8.50E-04	8.10E-04	2.88E-07	8.68E-07	5.03E-07	5.15E-07	4.66E-07	2.08E-07	2.03E-07	9.60E-09	2.32E-07	5.12E-08	6.99E-08	1.11E-07	1.91E-08	1.06E-07	5.99E-07
3818	492863.09	3852377.25	8.17E-04	8.36E-04	7.97E-04	2.83E-07	8.54E-07	4.94E-07	5.06E-07	4.59E-07	2.05E-07	1.99E-07	9.45E-09	2.28E-07	5.03E-08	6.87E-08	1.09E-07	1.88E-08	1.05E-07	5.89E-07
3819	493363.09	3852377.25	8.29E-04	8.49E-04	8.09E-04	2.87E-07	8.67E-07	5.02E-07	5.14E-07	4.66E-07	2.08E-07	2.02E-07	9.59E-09	2.32E-07	5.11E-08	6.97E-08	1.11E-07	1.90E-08	1.06E-07	5.98E-07
3820	493863.09	3852377.25	7.78E-04	7.96E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.96E-08	5.61E-07
3821	494363.09	3852377.25	7.31E-04	7.48E-04	7.13E-04	2.53E-07	7.64E-07	4.42E-07	4.53E-07	4.10E-07	1.83E-07	1.78E-07	8.45E-09	2.04E-07	4.50E-08	6.15E-08	9.75E-08	1.68E-08	9.36E-08	5.27E-07
3822	494863.09	3852377.25	7.22E-04	7.39E-04	7.04E-04	2.50E-07	7.55E-07	4.37E-07	4.47E-07	4.05E-07	1.81E-07	1.76E-07	8.35E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.66E-08	9.25E-08	5.21E-07
3823	495363.09	3852377.25	7.14E-04	7.30E-04	6.96E-04	2.47E-07	7.46E-07	4.32E-07	4.42E-07	4.01E-07	1.79E-07	1.74E-07	8.25E-09	1.99E-07	4.40E-08	6.00E-08	9.52E-08	1.64E-08	9.14E-08	5.14E-07
3824	495863.09	3852377.25	6.66E-04	6.82E-04	6.49E-04	2.31E-07	6.96E-07	4.03E-07	4.12E-07	3.74E-07	1.67E-07	1.63E-07	7.70E-09	1.86E-07	4.10E-08	5.60E-08	8.88E-08	1.53E-08	8.53E-08	4.80E-07
3825	496363.09	3852377.25	6.20E-04	6.34E-04	6.04E-04	2.14E-07	6.48E-07	3.75E-07	3.84E-07	3.48E-07	1.55E-07	1.51E-07	7.16E-09	1.73E-07	3.82E-08	5.21E-08	8.27E-08	1.42E-08	7.94E-08	4.47E-07
3826	496863.09	3852377.25	5.84E-04	5.98E-04	5.70E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.46E-07	1.43E-07	6.75E-09	1.63E-07	3.60E-08	4.91E-08	7.79E-08	1.34E-08	7.48E-08	4.21E-07
3827	497363.09	3852377.25	5.24E-04	5.36E-04	5.11E-04	1.81E-07	5.48E-07	3.17E-07	3.25E-07	2.94E-07	1.31E-07	1.28E-07	6.06E-09	1.46E-07	3.23E-08	4.41E-08	6.99E-08	1.20E-08	6.71E-08	3.78E-07
3828	497863.09	3852377.25	4.64E-04	4.75E-04	4.53E-04	1.61E-07	4.85E-07	2.81E-07	2.88E-07	2.61E-07	1.16E-07	1.13E-07	5.37E-09	1.30E-07	2.86E-08	3.91E-08	6.20E-08	1.07E-08	5.95E-08	3.35E-07
3829	498363.09	3852377.25	4.11E-04	4.21E-04	4.01E-04	1.42E-07	4.30E-07	2.49E-07	2.55E-07	2.31E-07	1.03E-07	1.00E-07	4.75E-09	1.15E-07	2.53E-08	3.46E-08	5.48E-08	9.44E-09	5.26E-08	2.96E-07
3830	471363.09	3852877.25	3.50E-04	3.58E-04	3.42E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.76E-08	8.55E-08	4.05E-09	9.78E-08	2.16E-08	2.94E-08	4.67E-08	8.04E-09	4.49E-08	2.52E-07
3831	471863.09	3852877.25	4.07E-04	4.16E-04	3.97E-04	1.41E-07	4.25E-07	2.46E-07	2.52E-07	2.28E-07	1.02E-07	9.93E-08	4.70E-09	1.14E-07	2.51E-08	3.42E-08	5.43E-08	9.34E-09	5.21E-08	2.93E-07

3832	472363.09	3852877.25	4.64E-04	4.75E-04	4.53E-04	1.61E-07	4.85E-07	2.81E-07	2.87E-07	2.60E-07	1.16E-07	1.13E-07	5.36E-09	1.30E-07	2.86E-08	3.90E-08	6.19E-08	1.07E-08	5.94E-08	3.35E-07
3833	472863.09	3852877.25	5.21E-04	5.33E-04	5.08E-04	1.80E-07	5.44E-07	3.15E-07	3.22E-07	2.92E-07	1.30E-07	1.27E-07	6.02E-09	1.45E-07	3.21E-08	4.38E-08	6.94E-08	1.20E-08	6.67E-08	3.75E-07
3834	473363.09	3852877.25	5.80E-04	5.93E-04	5.65E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.45E-07	1.42E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.73E-08	1.33E-08	7.43E-08	4.18E-07
3835	473863.09	3852877.25	6.56E-04	6.71E-04	6.40E-04	2.27E-07	6.86E-07	3.97E-07	4.06E-07	3.68E-07	1.64E-07	1.60E-07	7.58E-09	1.83E-07	4.04E-08	5.52E-08	8.75E-08	1.51E-08	8.40E-08	4.73E-07
3836	474363.09	3852877.25	7.35E-04	7.53E-04	7.17E-04	2.54E-07	7.68E-07	4.45E-07	4.55E-07	4.13E-07	1.84E-07	1.79E-07	8.50E-09	2.05E-07	4.53E-08	6.18E-08	9.81E-08	1.69E-08	9.42E-08	5.30E-07
3837	474863.09	3852877.25	6.91E-04	7.07E-04	6.74E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.99E-09	1.93E-07	4.26E-08	5.81E-08	9.22E-08	1.59E-08	8.85E-08	4.98E-07
3838	475363.09	3852877.25	8.01E-04	8.20E-04	7.82E-04	2.77E-07	8.38E-07	4.85E-07	4.96E-07	4.50E-07	2.01E-07	1.96E-07	9.26E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.84E-08	1.03E-07	5.78E-07
3839	475863.09	3852877.25	8.56E-04	8.76E-04	8.35E-04	2.96E-07	8.94E-07	5.18E-07	5.30E-07	4.80E-07	2.14E-07	2.09E-07	9.89E-09	2.39E-07	5.27E-08	7.20E-08	1.14E-07	1.97E-08	1.10E-07	6.17E-07
3840	476363.09	3852877.25	8.04E-04	8.23E-04	7.85E-04	2.78E-07	8.41E-07	4.87E-07	4.98E-07	4.52E-07	2.01E-07	1.96E-07	9.30E-09	2.25E-07	4.96E-08	6.76E-08	1.07E-07	1.85E-08	1.03E-07	5.80E-07
3841	476863.09	3852877.25	6.75E-04	6.91E-04	6.58E-04	2.34E-07	7.05E-07	4.08E-07	4.18E-07	3.79E-07	1.69E-07	1.65E-07	7.80E-09	1.88E-07	4.16E-08	5.67E-08	9.00E-08	1.55E-08	8.64E-08	4.86E-07
3842	477363.09	3852877.25	5.94E-04	6.08E-04	5.79E-04	2.06E-07	6.21E-07	3.59E-07	3.68E-07	3.33E-07	1.49E-07	1.45E-07	6.87E-09	1.66E-07	3.66E-08	4.99E-08	7.92E-08	1.36E-08	7.61E-08	4.28E-07
3843	477863.09	3852877.25	5.02E-04	5.14E-04	4.89E-04	1.74E-07	5.25E-07	3.04E-07	3.11E-07	2.82E-07	1.26E-07	1.22E-07	5.80E-09	1.40E-07	3.09E-08	4.22E-08	6.69E-08	1.15E-08	6.43E-08	3.62E-07
3844	478363.09	3852877.25	3.57E-04	3.65E-04	3.48E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.00E-07	8.93E-08	8.71E-08	4.13E-09	9.96E-08	2.20E-08	3.00E-08	4.76E-08	8.20E-09	4.57E-08	2.57E-07
3845	478863.09	3852877.25	4.88E-04	4.99E-04	4.76E-04	1.69E-07	5.10E-07	2.95E-07	3.02E-07	2.74E-07	1.22E-07	1.19E-07	5.64E-09	1.36E-07	3.00E-08	4.10E-08	6.50E-08	1.12E-08	6.25E-08	3.52E-07
3846	479363.09	3852877.25	8.14E-04	8.33E-04	7.94E-04	2.82E-07	8.51E-07	4.92E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.41E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07
3847	479863.09	3852877.25	1.71E-03	1.75E-03	1.66E-03	5.91E-07	1.78E-06	1.03E-06	1.06E-06	9.58E-07	4.27E-07	4.17E-07	1.97E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	3.92E-08	2.19E-07	1.23E-06
3848	480363.09	3852877.25	2.83E-03	2.89E-03	2.76E-03	9.79E-07	2.95E-06	1.71E-06	1.75E-06	1.59E-06	7.08E-07	6.90E-07	3.27E-08	7.89E-07	1.74E-07	2.38E-07	3.77E-07	6.49E-08	3.62E-07	2.04E-06
3849	480863.09	3852877.25	3.53E-03	3.62E-03	3.45E-03	1.22E-06	3.69E-06	2.14E-06	2.19E-06	1.98E-06	8.84E-07	8.62E-07	4.08E-08	9.86E-07	2.18E-07	2.97E-07	4.71E-07	8.11E-08	4.53E-07	2.55E-06
3850	481363.09	3852877.25	4.67E-03	4.78E-03	4.56E-03	1.62E-06	4.88E-06	2.83E-06	2.89E-06	2.62E-06	1.17E-06	1.14E-06	5.40E-08	1.30E-06	2.88E-07	3.93E-07	6.23E-07	1.07E-07	5.99E-07	3.37E-06
3851	481863.09	3852877.25	7.36E-03	7.53E-03	7.17E-03	2.55E-06	7.69E-06	4.45E-06	4.56E-06	4.13E-06	1.84E-06	1.80E-06	8.50E-08	2.05E-06	4.53E-07	6.18E-07	9.81E-07	1.69E-07	9.42E-07	5.30E-06
3852	482363.09	3852877.25	2.44E-02	2.50E-02	2.38E-02	8.45E-06	2.55E-05	1.48E-05	1.51E-05	1.37E-05	6.11E-06	5.96E-06	2.82E-07	6.82E-06	1.50E-06	2.05E-06	3.26E-06	5.61E-07	3.13E-06	1.76E-05
3853	482863.09	3852877.25	2.03E-02	2.08E-02	1.98E-02	7.04E-06	2.13E-05	1.23E-05	1.26E-05	1.14E-05	5.09E-06	4.97E-06	2.35E-07	5.68E-06	1.25E-06	1.71E-06	2.71E-06	4.67E-07	2.61E-06	1.47E-05
3854	483363.09	3852877.25	9.22E-03	9.44E-03	8.99E-03	3.19E-06	9.64E-06	5.58E-06	5.71E-06	5.18E-06	2.31E-06	2.25E-06	1.07E-07	2.57E-06	5.68E-07	7.75E-07	1.23E-06	2.12E-07	1.18E-06	6.65E-06
3855	483863.09	3852877.25	5.29E-03	5.42E-03	5.16E-03	1.83E-06	5.53E-06	3.20E-06	3.28E-06	2.97E-06	1.32E-06	1.29E-06	6.12E-08	1.48E-06	3.26E-07	4.45E-07	7.06E-07	1.22E-07	6.78E-07	3.81E-06
3856	484363.09	3852877.25	4.77E-03	4.88E-03	4.65E-03	1.65E-06	4.99E-06	2.89E-06	2.95E-06	2.68E-06	1.19E-06	1.16E-06	5.51E-08	1.33E-06	2.94E-07	4.01E-07	6.36E-07	1.10E-07	6.11E-07	3.44E-06
3857	484863.09	3852877.25	4.12E-03	4.21E-03	4.02E-03	1.43E-06	4.30E-06	2.49E-06	2.55E-06	2.31E-06	1.03E-06	1.00E-06	4.76E-08	1.15E-06	2.54E-07	3.46E-07	5.49E-07	9.46E-08	5.27E-07	2.97E-06
3858	485363.09	3852877.25	2.96E-03	3.03E-03	2.89E-03	1.03E-06	3.10E-06	1.79E-06	1.84E-06	1.66E-06	7.42E-07	7.23E-07	3.43E-08	8.27E-07	1.83E-07	2.49E-07	3.95E-07	6.81E-08	3.80E-07	2.14E-06
3859	485863.09	3852877.25	2.45E-03	2.51E-03	2.39E-03	8.49E-07	2.56E-06	1.48E-06	1.52E-06	1.38E-06	6.14E-07	5.99E-07	2.84E-08	6.85E-07	1.51E-07	2.06E-07	3.27E-07	5.64E-08	3.14E-07	1.77E-06
3860	486363.09	3852877.25	2.03E-03	2.08E-03	1.98E-03	7.04E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.97E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.61E-07	1.47E-06
3861	486863.09	3852877.25	1.80E-03	1.84E-03	1.75E-03	6.21E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.49E-07	4.38E-07	2.08E-08	5.01E-07	1.11E-07	1.51E-07	2.39E-07	4.12E-08	2.30E-07	1.29E-06
3862	487363.09	3852877.25	1.54E-03	1.57E-03	1.50E-03	5.32E-07	1.61E-06	9.30E-07	9.52E-07	8.63E-07	3.85E-07	3.75E-07	1.78E-08	4.29E-07	9.47E-08	1.29E-07	2.05E-07	3.53E-08	1.97E-07	1.11E-06
3863	487863.09	3852877.25	1.35E-03	1.38E-03	1.31E-03	4.66E-07	1.41E-06	8.15E-07	8.34E-07	7.56E-07	3.37E-07	3.29E-07	1.56E-08	3.76E-07	8.30E-08	1.13E-07	1.80E-07	3.09E-08	1.72E-07	9.71E-07
3864	488363.09	3852877.25	9.49E-04	9.72E-04	9.26E-04	3.29E-07	9.92E-07	5.74E-07	5.88E-07	5.33E-07	2.38E-07	2.32E-07	1.10E-08	2.65E-07	5.85E-08	7.98E-08	1.27E-07	2.18E-08	1.22E-07	6.84E-07
3865	488863.09	3852877.25	9.43E-04	9.66E-04	9.20E-04	3.27E-07	9.86E-07	5.71E-07	5.84E-07	5.30E-07	2.36E-07	2.30E-07	1.09E-08	2.63E-07	5.81E-08	7.93E-08	1.26E-07	2.17E-08	1.21E-07	6.80E-07
3866	489363.09	3852877.25	8.91E-04	9.12E-04	8.69E-04	3.09E-07	9.32E-07	5.39E-07	5.52E-07	5.00E-07	2.23E-07	2.18E-07	1.03E-08	2.49E-07	5.49E-08	7.50E-08	1.19E-07	2.05E-08	1.14E-07	6.43E-07
3867	489863.09	3852877.25	8.41E-04	8.61E-04	8.20E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.72E-07	2.11E-07	2.05E-07	9.72E-09	2.35E-07	5.18E-08	7.07E-08	1.12E-07	1.93E-08	1.08E-07	6.07E-07
3868	490363.09	3852877.25	9.65E-04	9.87E-04	9.41E-04	3.34E-07	1.01E-06	5.84E-07	5.97E-07	5.42E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.22E-08	1.24E-07	6.95E-07
3869	490863.09	3852877.25	9.64E-04	9.87E-04	9.40E-04	3.34E-07	1.01E-06	5.83E-07	5.97E-07	5.41E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.21E-08	1.23E-07	6.95E-07
3870	491363.09	3852877.25	9.53E-04	9.75E-04	9.29E-04	3.30E-07	9.96E-07	5.77E-07	5.90E-07	5.35E-07	2.38E-07	2.33E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.19E-08	1.22E-07	6.87E-07
3871	491863.09	3852877.25	9.11E-04	9.32E-04	8.88E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.11E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.21E-07	2.09E-08	1.17E-07	6.56E-07
3872	492363.09	3852877.25	8.79E-04	9.00E-04	8.57E-04	3.04E-07	9.19E-07	5.32E-07	5.44E-07	4.93E-07	2.20E-07	2.15E-07	1.02E-08	2.45E-07	5.42E-08	7.39E-08	1.17E-07	2.02E-08	1.13E-07	6.34E-07
3873	492863.09	3852877.25	8.76E-04	8.97E-04	8.54E-04	3.03E-07	9.15E-07	5.30E-07	5.42E-07	4.92E-07	2.19E-07	2.14E-07	1.01E-08	2.45E-07	5.40E-08	7.37E-08	1.17E-07	2.01E-08	1.12E-07	6.31E-07
3874	493363.09	3852877.25	8.55E-04	8.75E-04	8.34E-04	2.96E-07	8.94E-07	5.17E-07	5.30E-07	4.80E-07	2.14E-07	2.09E-07	9.89E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	1.96E-08	1.10E-07	6.17E-07
3875	493863.09	3852877.25	8.08E-04	8.27E-04	7.88E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.02E-07	1.97E-07	9.34E-09	2.26E-07	4.98E-08	6.80E-08	1.08E-07	1.86E-08	1.04E-07	5.83E-07
3876	494363.09	3852877.25	7.70E-04	7.88E-04	7.51E-04	2.66E-07	8.04E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.86E-08	5.55E-07
3877	494863.09	3852877.25	7.43E-04	7.61E-04	7.25E-04	2.57E-07	7.77E-07	4.50E-07	4.60E-07	4.17E-07	1.86E-07	1.81E-07	8.59E-09	2.08E-07	4.58E-08	6.25E-08	9.91E-08	1.71E-08	9.52E-08	5.36E-07
3878	495363.09	3852877.25	6.90E-04	7.07E-04	6.73E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.98E-09	1.93E-07	4.25E-08	5.81E-08	9.21E-08	1.59E-08	8.84E-08	4.98E-07
3879	495863.09	3852877.25	6.41E-04	6.56E-04	6.25E-04	2.22E-07	6.70E-07	3.88E-07	3.97E-07	3.60E-07	1.60E-07	1.57E-07	7.41E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.47E-08	8.22E-08	4.62E-07
3880	496363.09	3852877.25	6.13E-04	6.27E-04	5.98E-04	2.12E-07	6.41E-07	3.71E-07	3.80E-07	3.44E-07	1.53E-07	1.50E-07	7.08E-09	1.71E-07	3.78E-08	5.15E-08	8.18E-08	1.41E-08	7.85E-08	4.42E-07
3881	496863.09	3852877.25	5.76E-04	5.89E-04	5.61E-04	1.99E-07	6.02E-07	3.48E-07	3.56E-07	3.23E-07	1.44E-07	1.40E-07	6.65E-09	1.61E-07	3.55E-08	4.84E-08	7.68E-08	1.32E-08	7.37E-08	4.15E-07
3882	497363.09	3852877.25	4.98E-04	5.10E-04	4.86E-04	1.72E-07	5.20E-07	3.01E-07	3.08E-07	2.80E-07	1.25E-07	1.22E-07	5.75E-09	1.39E-07	3.07E-08	4.19E-08	6.64E-08	1.14E-08	6.38E-08	3.59E-07
3883	497863.09	3852877.25	3.78E-04	3.86E-04	3.68E-04	1.31E-07	3.95E-07	2.28E-07	2.34E-07	2.12E-07	9.45E-08	9.22E-08	4.36E-09	1.05E-07	2.33E-08	3.17E-08	5.04E-08	8.67E-09	4.84E-08	2.72E-07
3884	498363.09	3852877.25	3.49E-04	3.57E-04	3.40E-04	1.21E-07	3.65E-07	2.11E-07	2.16E-07	1.96E-07	8.73E-08	8.52E-08	4.03E-09	9.74E-08	2.15E-08	2.93E-08	4.65E-08	8.01E-09	4.47E-08	2.52E-07
3885	471363.09	3853377.25	3.49E-04	3.58E-04	3.41E-04	1.21E-07	3.65E-07	2.11E-07	2.16E-07	1.96E-07	8.74E-08	8.53E-08	4.04E-09	9.76E-08	2.15E-08	2.94E-08	4.66E-08	8.03E-09	4.48E-08	2.52E-07
3886	471863.09	3853377.25	3.92E-04	4.01E-04	3.82E-04	1.36E-07	4.10E-07	2.37E-07	2.43E-07	2.20E-07	9.81E-08	9.57E-08	4.53E-09	1.09E-07	2.42E-08	3.30E-08	5.23E-08	9.00E-09	5.02E-08	2.83E-07
3887	472363.09	3853377.25	4.34E-04	4.44E-04	4.23E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.09E-07	1.06E-07	5.02E-09	1.21E-07	2.67E-08	3.65E-08	5.79E-08	9.97E-09	5.56E-08	3.13E-07
3888	472863.09	3853377.25	4.81E-04	4.93E-04	4.70E-04	1.67E-07	5.03E-07	2.91E-07	2.98E-07	2.70E-07	1.20E-07	1.18E-07	5.56E-09	1.34E-07	2.97E-08	4.05E-08	6.42E-08	1.11E-08	6.17E-08	3.47E-07
3889	473363.09	3853377.25	5.15E-04	5.27E-04	5.02E-04	1.78E-07	5.38E-07	3.11E-07	3.19E-07	2.89E-07	1.29E-07	1.26E-07	5.95E-09	1.44E-07	3.17E-08	4.33E-08	6.87E-08	1.18E-08	6.59E-08	3.71E-07
3890	473863.09	3853377.25	5.54E-04	5.67E-04	5.40E-04	1.92E-07	5.79E-07	3.35E-07	3.43E-07	3.11E-07	1.39E-07	1.35E-07	6.41E-09	1.55E-07	3.41E-08	4.66E-08	7.39E-08	1.27E-08	7.10E-08	3.99E-07
3891	474363.09	3853377.25	5.87E-04	6.00E-04	5.72E-04	2.03E-07	6.13E-07	3.55E-07	3.63E-07	3.29E-07	1.47E-07	1.43E-07	6.78E-09	1.64E-07	3.61E-08	4.93E-08	7.82E-08	1.35E-08	7.51E-08	4.23E-07
3892	474863.09	3853377.25	5.72E-04	5.85E-04	5.57E-04	1.98E-07	5.97E-07	3.46E-07	3.54E-07	3.21E-07	1.43E-07	1.40E-07	6.61E-09	1.60E-07	3.52E-08	4.81E-08	7.62E-08	1.31E-08	7.32E-08	4.12E-07
3893	475363.09	3853377.25	5.75E-04	5.88E-04	5.61E-04	1.99E-07	6.01E-07	3.48E-07	3.56E-07	3.23E-07	1.44E-07	1.40E-07	6.64E-09	1.60E-07	3.54E-08	4.83E-08	7.67E-08	1.32E-08	7.36E-08	4.14E-07
3894	475863.09	3853377.25	5.75E-04	5.89E-04	5.61E-04	1.99E-07	6.01E-07	3.48E-07	3.56E-07	3.23E-07	1.44E-07	1.40E-07	6.65E-09	1.61E-07	3.54E-08	4.84E-08	7.67E-08	1.32E-08	7.37E-08	4.15E-07
3895	476363.09	3853377.25	5.13E-04	5.25E-04	5.00E-04	1.77E-07	5.36E-07	3.10E-07	3.17E-07	2.88E-07	1.28E-07	1.25E-07	5.92E-09	1.43E-07	3.16E-08	4.31E-08	6.84E-08	1.18E-08	6.57E-08	3.70E-07
3896	476863.09	3853377.25	3.94E-04	4.03E-04	3.84E-04	1.36E-07	4.12E-07	2.38E-07	2.44E-07	2.21E-07	9.85E-08	9.61E-08	4.55E-09	1.10E-07	2.43E-08	3.31E-08	5.25E-08	9.04E-09	5.04E-08	2.84E-07
3897	477363.09	3853377.25	3.80E-04	3.89E-04	3.70E-04	1.31E-07	3.97E-07	2.30E-07	2.35E-07	2.13E-07	9.50E-08	9.26E-08	4.39E-09	1.06E-07	2.34E-08	3.19E-08	5.06E-08	8.72E-09	4.86E-08	2.74E-07
3898	477863.09	3853377.25	3.93E-04	4.03E-04	3.84E-04	1.36E-07	4.11E-07	2.38E-07	2.44E-07	2.21E-07	9.85E-08	9.60E-08	4.55E-09	1.10E-07	2.42E-08	3.31E-08	5.25E-08	9.04E-09	5.04E-08	2.84E-07
3899	478363.09	3853377.25	3.10E-04	3.17E-04	3.02E-04	1.07E-07	3.24E-07	1.87E-07	1.92E-07	1.74E-07	7.75E-08	7.56E-08	3.58E-09	8.64E-08	1.91E-08	2.60E-08	4.13E-08	7.11E-09	3.97E-08	2.23E-07
3900	478863.09	3853377.25	2.06E-04	2.11E-04	2.01E-04	7.13E-08	2.15E-07	1.25E-07	1.28E-07	1.16E-07	5.15E-08	5.03E-08	2.38E-09	5.75E-08	1.27E-08	1.73E-08	2.75E-08	4.73E-09	2.64E-08	1.48E-07
3901	479363.09	3853377.25	4.60E-04	4.71E-04	4.49E-04	1.59E-07	4.81E-07	2.79E-07	2.85E-07	2.59E-07	1.15E-07	1.12E-07	5.32E-09	1.29E-07	2.84E-08	3.87E-08	6.14E-08	1.06E-08	5.90E-08	3.32E-07
3902	479863.09	3853377.25	8.33E-04	8.53E-04	8.13E-04	2.88E-07	8.71E-07	5.04E-07	5.16E-07	4.68E-07	2.09E-07	2.03E-07	9.63E-09	2.33E-07	5.13E-08	7.01E-08	1.11E-07	1.91E-08	1.07E-07	6.01E-07
3903	480363.09	3853377.25	1.62E-03	1.66E-03	1.58E-03	5.62E-07	1.70E-06	9.82E-07	1.01E-06	9.11E-07	4.06E-07	3.96E-07	1.88E-08	4.53E-07	1.00E-07	1.36E-07	2.16E-07	3.73E-08	2.08E-07	1.17E-06
3904	480863.09	3853377.25	1.63E-03	1.67E-03	1.59E-03	5.64E-07	1.70E-06	9.86E-07	1.01E-06	9.15E-07	4.08E-07	3.98E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.74E-08	2.09E-07	1.17E-06
3905	481363.09	3853377.25	2.70E-03	2.76E-03	2.63E-03	9.33E-07	2.82E-06	1.63E-06	1.67E-06	1.51E-06	6.75E-07	6.58E-07	3.12E-08	7.53E-07	1.66E-07	2.27E-07	3.60E-07	6.19E-08	3.45E-07	1.94E-06
3906	481863.09	3853377.25	4.09E-03	4.19E-03	3.99E-03	1.42E-06	4.28E-06	2.48E-06	2.54E-06	2.30E-06	1.02E-06	9.99E-07	4.73E-08	1.14E-06	2.52E-07	3.44E-07	5.46E-07	9.40E-08	5.24E-07	2.95E-06
3907	482363.09	3853377.25	6.73E-03	6.89E-03	6.57E-03	2.33E-06	7.04E-06	4.07E-06	4.17E-06	3.78E-06	1.69E-06	1.64E-06	7.78E-08	1.88E-06	4.15E-07	5.66E-07	8.98E-07	1.55E-07	8.62E-07	4.85E-06
3908	482863.09	3853377.25	4.76E-02	4.87E-02	4.64E-02	1.65E-05	4.97E-05	2.88E-05	2.95E-05	2.67E-05	1.19E-05	1.16E-05	5.50E-07	1.33E-05	2.93E-06	4.00E-06	6.35E-06	1.09E-06	6.09E-06	3.43E-05
3909	483363.09	3853377.25	9.13E-03	9.34E-03	8.90E-03	3.16E-06	9.54E-06	5.52E-06	5.65E-06	5.12E-06	2.28E-06	2.23E-06	1.05E-07	2.55E-06	5.62E-07	7.67E-07	1.22E-06	2.10E-07	1.17E-06	6.58E-06
3910	483863.09	3853377.25	5.38E-03	5.51E-03	5.25E-03	1.86E-06	5.63E-06	3.26E-06	3.33E-06	3.02E-06	1.35E-06	1.31E-06	6.22E-08	1.50E-06	3.32E-07	4.53E-07	7.18E-07	1.24E-07	6.90E-07	3.88E-06
3911	484363.09	3853377.25	4.31E-03	4.41E-03	4.20E-03	1.49E-06	4.50E-06	2.61E-06	2.67E-06	2.42E-06	1.08E-06	1.05E-06	4.98E-08	1.20E-06	2.65E-07	3.62E-07	5.74E-07	9.89E-08	5.52E-07	3.10E-06
3912	484863.09	3853377.25	3.15E-03	3.23E-03	3.07E-03	1.09E-06	3.29E-06	1.91E-06	1.95E-06	1.77E-06	7.89E-07	7.69E-07	3.64E-08	8.80E-07	1.94E-07	2.65E-07	4.20E-07	7.24E-08	4.04E-07	2.27E-06
3913	485363.09	3853377.25	2.18E-03	2.24E-03	2.13E-03	7.56E-07	2.28E-06	1.32E-06	1.35E-06	1.23E-06	5.47E-07	5.33E-07	2.53E-08	6.10E-07	1.35E-07	1.84E-07	2.91E-07	5.02E-08	2.80E-07	1.58E-06
3914	485863.09	3853377.25	1.62E-03	1.66E-03	1.58E-03	5.61E-07	1.69E-06	9.80E-07	1.00E-06	9.09E-07	4.05E-07	3.95E-07	1.87E-08	4.52E-07	9.98E-08	1.36E-07	2.16E-07	3.72E-08	2.07E-07	1.17E-06
3915	486363.09	3853377.25	1.52E-03	1.56E-03	1.49E-03	5.27E-07	1.59E-06	9.22E-07	9.44E-07	8.55E-07	3.81E-07	3.72E-07	1.76E-08	4.25E-07	9.39E-08	1.28E-07	2.03E-07	3.50E-08	1.95E-07	1.10E-06
3916	486863.09	3853377.25	1.41E-03	1.44E-03	1.37E-03	4.87E-07	1.47E-06	8.51E-07	8.71E-07	7.89E-07	3.52E-07	3.43E-07	1.63E-08	3.93E-07	8.66E-08	1.18E-07	1.88E-07	3.23E-08	1.80E-07	1.01E-06
3917	487363.09	3853377.25	1.36E-03	1.39E-03	1.32E-03	4.70E-07	1.42E-06	8.21E-07	8.41E-07	7.62E-07	3.40E-07	3.31E-07	1.57E-08	3.79E-07	8.36E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.79E-07
3918	487863.09	3853377.25	1.29E-03	1.32E-03	1.26E-03	4.46E-07	1.35E-06	7.79E-07	7.98E-07	7.23E-07	3.22E-07	3.14E-07	1.49E-08	3.60E-07	7.93E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.28E-07
3919	488363.09	3853377.25	1.25E-03	1.27E-03	1.21E-03	4.31E-07	1.30E-06	7.54E-07	7.71E-07	6.99E-07	3.12E-07	3.04E-07	1.44E-08	3.48E-07	7.67E-08	1.05E-07	1.66E-07	2.86E-08	1.60E-07	8.98E-07
3920	488863.09	3853377.25	1.17E-03	1.20E-03	1.14E-03	4.05E-07	1.22E-06	7.07E-07	7.24E-07	6.56E-07	2.93E-07	2.85E-07	1.35E-08	3.26E-07	7.20E-08	9.83E-08	1.56E-07	2.68E-08	1.50E-07	8.43E-07
3921	489363.09	3853377.25	1.10E-03	1.12E-03	1.07E-03	3.79E-07	1.14E-06	6.63E-07	6.78E-07	6.15E-07	2.74E-07	2.67E-07	1.27E-08	3.06E-07	6.75E-08	9.21E-08	1.46E-07	2.52E-08	1.40E-07	7.89E-07
3922	489863.09	3853377.25	1.01E-03	1.03E-03	9.83E-04	3.49E-07	1.05E-06	6.10E-07	6.24E-07	5.66E-07	2.52E-07	2.46E-07	1.17E-08	2.81E-07	6.21E-08	8.48E-08	1.34E-07	2.32E-08	1.29E-07	7.27E-07
3923	490363.09	3853377.25	9.92E-04	1.02E-03	9.68E-04	3.44E-07	1.04E-06	6.00E-07	6.15E-07	5.57E-07	2.48E-07	2.42E-07	1.15E-08	2.77E-07	6.11E-08	8.35E-08	1.32E-07	2.28E-08	1.27E-07	7.16E-07
3924	490863.09	3853377.25	9.67E-04	9.90E-04	9.43E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.22E-08	1.24E-07	6.97E-07
3925	491363.09	3853377.25	9.39E-04	9.62E-04	9.16E-04	3.25E-07	9.82E-07	5.68E-07	5.82E-07	5.27E-07	2.35E-07	2.29E-07	1.09E-08	2.62E-07	5.79E-08	7.90E-08	1.25E-07	2.16E-08	1.20E-07	6.77E-07
3926	491863.09	3853377.25	9.09E-04	9.30E-04	8.86E-04	3.15E-07	9.50E-07	5.50E-07	5.63E-07	5.10E-07	2.27E-07	2.22E-07	1.05E-08	2.54E-07	5.60E-08	7.64E-08	1.21E-07	2.09E-08	1.16E-07	6.55E-07
3927	492363.09	3853377.25	8.97E-04	9.18E-04	8.75E-04	3.10E-07	9.37E-07	5.43E-07	5.55E-07	5.04E-07	2.24E-07	2.19E-07	1.04E-08	2.50E-07	5.53E-08	7.54E-08	1.20E-07	2.06E-08	1.15E-07	6.47E-07
3928	492863.09	3853377.25	8.83E-04	9.04E-04	8.62E-04	3.06E-07	9.23E-07	5.34E-07	5.47E-07	4.96E-07	2.21E-07	2.16E-07	1.02E-08	2.47E-07	5.44E-08	7.43E-08	1.18E-07	2.03E-08	1.13E-07	6.37E-07
3929	493363.09	3853377.25	8.50E-04	8.70E-04	8.29E-04	2.94E-07	8.88E-07	5.14E-07	5.26E-07	4.77E-07	2.13E-07	2.07E-07	9.82E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	1.95E-08	1.09E-07	6.13E-07
3930	493863.09	3853377.25	8.14E-04	8.34E-04	7.94E-04	2.82E-07	8.51E-07	4.93E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.41E-09	2.27E-07	5.02E-08	6.85E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07
3931	494363.09	3853377.25	7.66E-04	7.84E-04	7.47E-04	2.65E-07	8.01E-07	4.64E-07	4.74E-07	4.30E-07	1.92E-07	1.87E-07	8.86E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.81E-08	5.52E-07
3932	494863.09	3853377.25	7.15E-04	7.32E-04	6.97E-04	2.47E-07	7.47E-07	4.32E-07	4.43E-07	4.01E-07	1.79E-07	1.74E-07	8.26E-09	2.00E-07	4.40E-08	6.01E-08	9.53E-08	1.64E-08	9.16E-08	5.15E-07

3933	495363.09	3853377.25	6.80E-04	6.96E-04	6.63E-04	2.35E-07	7.11E-07	4.12E-07	4.21E-07	3.82E-07	1.70E-07	1.66E-07	7.86E-09	1.90E-07	4.19E-08	5.72E-08	9.07E-08	1.56E-08	8.71E-08	4.90E-07
3934	495863.09	3853377.25	6.38E-04	6.53E-04	6.22E-04	2.21E-07	6.67E-07	3.86E-07	3.95E-07	3.58E-07	1.60E-07	1.56E-07	7.38E-09	1.78E-07	3.93E-08	5.37E-08	8.51E-08	1.47E-08	8.17E-08	4.60E-07
3935	496363.09	3853377.25	5.88E-04	6.02E-04	5.73E-04	2.04E-07	6.15E-07	3.56E-07	3.64E-07	3.30E-07	1.47E-07	1.44E-07	6.80E-09	1.64E-07	3.62E-08	4.94E-08	7.84E-08	1.35E-08	7.53E-08	4.24E-07
3936	496863.09	3853377.25	5.22E-04	5.35E-04	5.09E-04	1.81E-07	5.46E-07	3.16E-07	3.23E-07	2.93E-07	1.31E-07	1.27E-07	6.04E-09	1.46E-07	3.22E-08	4.39E-08	6.97E-08	1.20E-08	6.69E-08	3.77E-07
3937	497363.09	3853377.25	4.40E-04	4.51E-04	4.29E-04	1.52E-07	4.60E-07	2.66E-07	2.73E-07	2.47E-07	1.10E-07	1.07E-07	5.09E-09	1.23E-07	2.71E-08	3.70E-08	5.87E-08	1.01E-08	5.64E-08	3.17E-07
3938	497863.09	3853377.25	2.94E-04	3.01E-04	2.86E-04	1.02E-07	3.07E-07	1.78E-07	1.82E-07	1.65E-07	7.35E-08	7.17E-08	3.39E-09	8.20E-08	1.81E-08	2.47E-08	3.92E-08	6.74E-09	3.76E-08	2.12E-07
3939	498363.09	3853377.25	2.27E-04	2.33E-04	2.22E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.69E-08	5.55E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.22E-09	2.91E-08	1.64E-07
3940	471363.09	3853877.25	3.40E-04	3.48E-04	3.32E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.91E-07	8.51E-08	8.30E-08	3.93E-09	9.50E-08	2.10E-08	2.86E-08	4.54E-08	7.81E-09	4.36E-08	2.45E-07
3941	471863.09	3853877.25	3.81E-04	3.90E-04	3.72E-04	1.32E-07	3.99E-07	2.31E-07	2.36E-07	2.14E-07	9.54E-08	9.31E-08	4.41E-09	1.06E-07	2.35E-08	3.21E-08	5.09E-08	8.76E-09	4.88E-08	2.75E-07
3942	472363.09	3853877.25	4.09E-04	4.19E-04	3.99E-04	1.42E-07	4.28E-07	2.48E-07	2.53E-07	2.30E-07	1.02E-07	9.99E-08	4.73E-09	1.14E-07	2.52E-08	3.44E-08	5.46E-08	9.40E-09	5.24E-08	2.95E-07
3943	472863.09	3853877.25	4.46E-04	4.57E-04	4.35E-04	1.54E-07	4.66E-07	2.70E-07	2.76E-07	2.50E-07	1.12E-07	1.09E-07	5.16E-09	1.25E-07	2.75E-08	3.75E-08	5.95E-08	1.02E-08	5.71E-08	3.22E-07
3944	473363.09	3853877.25	4.67E-04	4.78E-04	4.55E-04	1.62E-07	4.88E-07	2.83E-07	2.89E-07	2.62E-07	1.17E-07	1.14E-07	5.40E-09	1.30E-07	2.88E-08	3.93E-08	6.23E-08	1.07E-08	5.98E-08	3.37E-07
3945	473863.09	3853877.25	4.89E-04	5.00E-04	4.77E-04	1.69E-07	5.11E-07	2.96E-07	3.03E-07	2.74E-07	1.22E-07	1.19E-07	5.65E-09	1.37E-07	3.01E-08	4.11E-08	6.52E-08	1.12E-08	6.26E-08	3.52E-07
3946	474363.09	3853877.25	5.16E-04	5.28E-04	5.03E-04	1.79E-07	5.39E-07	3.12E-07	3.19E-07	2.90E-07	1.29E-07	1.26E-07	5.96E-09	1.44E-07	3.18E-08	4.34E-08	6.88E-08	1.18E-08	6.61E-08	3.72E-07
3947	474863.09	3853877.25	5.32E-04	5.44E-04	5.19E-04	1.84E-07	5.56E-07	3.22E-07	3.29E-07	2.99E-07	1.33E-07	1.30E-07	6.15E-09	1.48E-07	3.28E-08	4.47E-08	7.09E-08	1.22E-08	6.81E-08	3.83E-07
3948	475363.09	3853877.25	4.99E-04	5.11E-04	4.87E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.25E-07	1.22E-07	5.77E-09	1.39E-07	3.07E-08	4.19E-08	6.65E-08	1.15E-08	6.39E-08	3.60E-07
3949	475863.09	3853877.25	4.00E-04	4.09E-04	3.90E-04	1.38E-07	4.18E-07	2.42E-07	2.48E-07	2.24E-07	1.00E-07	9.76E-08	4.62E-09	1.12E-07	2.46E-08	3.36E-08	5.33E-08	9.18E-09	5.12E-08	2.88E-07
3950	476363.09	3853877.25	3.02E-04	3.09E-04	2.95E-04	1.05E-07	3.16E-07	1.83E-07	1.87E-07	1.70E-07	7.57E-08	7.38E-08	3.49E-09	8.44E-08	1.86E-08	2.54E-08	4.03E-08	6.94E-09	3.87E-08	2.18E-07
3951	476863.09	3853877.25	1.99E-04	2.03E-04	1.94E-04	6.88E-08	2.08E-07	1.20E-07	1.23E-07	1.12E-07	4.97E-08	4.85E-08	2.30E-09	5.55E-08	1.22E-08	1.67E-08	2.65E-08	4.56E-09	2.55E-08	1.43E-07
3952	477363.09	3853877.25	2.21E-04	2.26E-04	2.15E-04	7.65E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.53E-08	5.39E-08	2.55E-09	6.17E-08	1.36E-08	1.86E-08	2.95E-08	5.07E-09	2.83E-08	1.59E-07
3953	477863.09	3853877.25	2.72E-04	2.79E-04	2.66E-04	9.43E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	6.82E-08	6.65E-08	3.15E-09	7.61E-08	1.68E-08	2.29E-08	3.63E-08	6.26E-09	3.49E-08	1.96E-07
3954	478363.09	3853877.25	2.88E-04	2.95E-04	2.81E-04	9.97E-08	3.01E-07	1.74E-07	1.78E-07	1.62E-07	7.21E-08	7.03E-08	3.33E-09	8.04E-08	1.77E-08	2.42E-08	3.84E-08	6.61E-09	3.69E-08	2.08E-07
3955	478863.09	3853877.25	1.64E-04	1.67E-04	1.60E-04	5.66E-08	1.71E-07	9.90E-08	1.01E-07	9.19E-08	4.10E-08	3.99E-08	1.89E-09	4.57E-08	1.01E-08	1.38E-08	2.18E-08	3.76E-09	2.10E-08	1.18E-07
3956	479363.09	3853877.25	2.66E-04	2.73E-04	2.60E-04	9.22E-08	2.79E-07	1.61E-07	1.65E-07	1.50E-07	6.67E-08	6.50E-08	3.08E-09	7.44E-08	1.64E-08	2.24E-08	3.55E-08	6.12E-09	3.41E-08	1.92E-07
3957	479863.09	3853877.25	6.13E-04	6.27E-04	5.98E-04	2.12E-07	6.40E-07	3.71E-07	3.79E-07	3.44E-07	1.53E-07	1.50E-07	7.08E-09	1.71E-07	3.77E-08	5.15E-08	8.17E-08	1.41E-08	7.85E-08	4.42E-07
3958	480363.09	3853877.25	9.30E-04	9.52E-04	9.07E-04	3.22E-07	9.72E-07	5.63E-07	5.76E-07	5.22E-07	2.33E-07	2.27E-07	1.08E-08	2.60E-07	5.73E-08	7.82E-08	1.24E-07	2.14E-08	1.19E-07	6.71E-07
3959	480863.09	3853877.25	1.53E-03	1.56E-03	1.49E-03	5.29E-07	1.60E-06	9.25E-07	9.47E-07	8.58E-07	3.83E-07	3.73E-07	1.77E-08	4.27E-07	9.42E-08	1.29E-07	2.04E-07	3.51E-08	1.96E-07	1.10E-06
3960	481363.09	3853877.25	1.98E-03	2.03E-03	1.93E-03	6.86E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	4.96E-07	4.84E-07	2.29E-08	5.53E-07	1.22E-07	1.67E-07	2.64E-07	4.55E-08	2.54E-07	1.43E-06
3961	481863.09	3853877.25	2.50E-03	2.56E-03	2.44E-03	8.64E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.25E-07	6.09E-07	2.89E-08	6.97E-07	1.54E-07	2.10E-07	3.33E-07	5.73E-08	3.20E-07	1.80E-06
3962	482363.09	3853877.25	2.89E-03	2.96E-03	2.82E-03	1.00E-06	3.02E-06	1.75E-06	1.79E-06	1.62E-06	7.23E-07	7.05E-07	3.34E-08	8.07E-07	1.78E-07	2.43E-07	3.85E-07	6.64E-08	3.70E-07	2.08E-06
3963	482863.09	3853877.25	3.03E-03	3.10E-03	2.96E-03	1.05E-06	3.17E-06	1.84E-06	1.88E-06	1.70E-06	7.59E-07	7.40E-07	3.51E-08	8.47E-07	1.87E-07	2.55E-07	4.05E-07	6.97E-08	3.89E-07	2.19E-06
3964	483363.09	3853877.25	2.93E-03	3.00E-03	2.85E-03	1.01E-06	3.06E-06	1.77E-06	1.81E-06	1.64E-06	7.32E-07	7.14E-07	3.38E-08	8.17E-07	1.80E-07	2.46E-07	3.90E-07	6.72E-08	3.75E-07	2.11E-06
3965	483863.09	3853877.25	2.78E-03	2.84E-03	2.71E-03	9.61E-07	2.90E-06	1.68E-06	1.72E-06	1.56E-06	6.95E-07	6.78E-07	3.21E-08	7.75E-07	1.71E-07	2.33E-07	3.70E-07	6.38E-08	3.56E-07	2.00E-06
3966	484363.09	3853877.25	2.34E-03	2.40E-03	2.29E-03	8.11E-07	2.45E-06	1.42E-06	1.45E-06	1.32E-06	5.86E-07	5.72E-07	2.71E-08	6.54E-07	1.44E-07	1.97E-07	3.13E-07	5.38E-08	3.00E-07	1.69E-06
3967	484863.09	3853877.25	1.91E-03	1.95E-03	1.86E-03	6.61E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.78E-07	4.66E-07	2.21E-08	5.33E-07	1.18E-07	1.60E-07	2.55E-07	4.38E-08	2.44E-07	1.38E-06
3968	485363.09	3853877.25	1.43E-03	1.47E-03	1.40E-03	4.96E-07	1.50E-06	8.67E-07	8.87E-07	8.04E-07	3.59E-07	3.50E-07	1.66E-08	4.00E-07	8.83E-08	1.20E-07	1.91E-07	3.29E-08	1.84E-07	1.03E-06
3969	485863.09	3853877.25	1.46E-03	1.49E-03	1.42E-03	5.04E-07	1.52E-06	8.80E-07	9.01E-07	8.17E-07	3.64E-07	3.55E-07	1.68E-08	4.06E-07	8.97E-08	1.22E-07	1.94E-07	3.34E-08	1.86E-07	1.05E-06
3970	486363.09	3853877.25	1.32E-03	1.35E-03	1.29E-03	4.57E-07	1.38E-06	7.98E-07	8.17E-07	7.41E-07	3.30E-07	3.22E-07	1.53E-08	3.68E-07	8.13E-08	1.11E-07	1.76E-07	3.03E-08	1.69E-07	9.51E-07
3971	486863.09	3853877.25	1.20E-03	1.23E-03	1.17E-03	4.16E-07	1.26E-06	7.27E-07	7.44E-07	6.75E-07	3.01E-07	2.93E-07	1.39E-08	3.35E-07	7.40E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.66E-07
3972	487363.09	3853877.25	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.24E-06	7.15E-07	7.32E-07	6.64E-07	2.96E-07	2.89E-07	1.37E-08	3.30E-07	7.28E-08	9.94E-08	1.58E-07	2.71E-08	1.51E-07	8.52E-07
3973	487863.09	3853877.25	1.21E-03	1.24E-03	1.18E-03	4.21E-07	1.27E-06	7.35E-07	7.52E-07	6.82E-07	3.04E-07	2.97E-07	1.40E-08	3.39E-07	7.49E-08	1.02E-07	1.62E-07	2.79E-08	1.56E-07	8.76E-07
3974	488363.09	3853877.25	1.18E-03	1.21E-03	1.15E-03	4.10E-07	1.24E-06	7.16E-07	7.33E-07	6.64E-07	2.96E-07	2.89E-07	1.37E-08	3.30E-07	7.29E-08	9.95E-08	1.58E-07	2.72E-08	1.52E-07	8.53E-07
3975	488863.09	3853877.25	1.17E-03	1.20E-03	1.14E-03	4.06E-07	1.23E-06	7.09E-07	7.26E-07	6.58E-07	2.93E-07	2.86E-07	1.36E-08	3.27E-07	7.22E-08	9.86E-08	1.56E-07	2.69E-08	1.50E-07	8.45E-07
3976	489363.09	3853877.25	1.08E-03	1.11E-03	1.06E-03	3.74E-07	1.13E-06	6.55E-07	6.70E-07	6.07E-07	2.71E-07	2.64E-07	1.25E-08	3.02E-07	6.67E-08	9.10E-08	1.44E-07	2.48E-08	1.39E-07	7.80E-07
3977	489863.09	3853877.25	1.04E-03	1.07E-03	1.02E-03	3.62E-07	1.09E-06	6.32E-07	6.47E-07	5.87E-07	2.62E-07	2.55E-07	1.21E-08	2.92E-07	6.44E-08	8.79E-08	1.39E-07	2.40E-08	1.34E-07	7.53E-07
3978	490363.09	3853877.25	9.89E-04	1.01E-03	9.65E-04	3.42E-07	1.03E-06	5.99E-07	6.13E-07	5.55E-07	2.48E-07	2.41E-07	1.14E-08	2.76E-07	6.09E-08	8.32E-08	1.32E-07	2.27E-08	1.27E-07	7.13E-07
3979	490863.09	3853877.25	9.52E-04	9.75E-04	9.29E-04	3.30E-07	9.95E-07	5.76E-07	5.90E-07	5.35E-07	2.38E-07	2.32E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.19E-08	1.22E-07	6.86E-07
3980	491363.09	3853877.25	9.20E-04	9.42E-04	8.97E-04	3.19E-07	9.62E-07	5.57E-07	5.70E-07	5.17E-07	2.30E-07	2.25E-07	1.06E-08	2.57E-07	5.67E-08	7.74E-08	1.23E-07	2.11E-08	1.18E-07	6.63E-07
3981	491863.09	3853877.25	8.90E-04	9.11E-04	8.68E-04	3.08E-07	9.30E-07	5.39E-07	5.51E-07	5.00E-07	2.23E-07	2.17E-07	1.03E-08	2.49E-07	5.48E-08	7.48E-08	1.19E-07	2.04E-08	1.14E-07	6.42E-07
3982	492363.09	3853877.25	8.79E-04	9.00E-04	8.57E-04	3.04E-07	9.19E-07	5.32E-07	5.44E-07	4.94E-07	2.20E-07	2.15E-07	1.02E-08	2.45E-07	5.42E-08	7.39E-08	1.17E-07	2.02E-08	1.13E-07	6.34E-07
3983	492863.09	3853877.25	8.57E-04	8.77E-04	8.36E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.81E-07	2.14E-07	2.09E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	1.97E-08	1.10E-07	6.18E-07
3984	493363.09	3853877.25	8.22E-04	8.41E-04	8.01E-04	2.84E-07	8.59E-07	4.97E-07	5.09E-07	4.61E-07	2.06E-07	2.01E-07	9.50E-09	2.29E-07	5.06E-08	6.91E-08	1.10E-07	1.89E-08	1.05E-07	5.92E-07
3985	493863.09	3853877.25	7.82E-04	8.00E-04	7.62E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.03E-09	2.18E-07	4.82E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
3986	494363.09	3853877.25	7.48E-04	7.66E-04	7.29E-04	2.59E-07	7.82E-07	4.53E-07	4.63E-07	4.20E-07	1.87E-07	1.83E-07	8.65E-09	2.09E-07	4.61E-08	6.29E-08	9.98E-08	1.72E-08	9.58E-08	5.39E-07
3987	494863.09	3853877.25	7.07E-04	7.23E-04	6.89E-04	2.45E-07	7.38E-07	4.28E-07	4.38E-07	3.97E-07	1.77E-07	1.72E-07	8.17E-09	1.97E-07	4.35E-08	5.94E-08	9.43E-08	1.62E-08	9.05E-08	5.09E-07
3988	495363.09	3853877.25	6.33E-04	6.48E-04	6.18E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.59E-07	1.55E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.45E-08	8.11E-08	4.57E-07
3989	495863.09	3853877.25	5.71E-04	5.85E-04	5.57E-04	1.98E-07	5.97E-07	3.46E-07	3.54E-07	3.21E-07	1.43E-07	1.39E-07	6.60E-09	1.60E-07	3.52E-08	4.80E-08	7.62E-08	1.31E-08	7.32E-08	4.12E-07
3990	496363.09	3853877.25	5.29E-04	5.41E-04	5.16E-04	1.83E-07	5.53E-07	3.20E-07	3.27E-07	2.97E-07	1.32E-07	1.29E-07	6.11E-09	1.48E-07	3.26E-08	4.45E-08	7.05E-08	1.21E-08	6.77E-08	3.81E-07
3991	496863.09	3853877.25	4.57E-04	4.68E-04	4.45E-04	1.58E-07	4.77E-07	2.76E-07	2.83E-07	2.56E-07	1.14E-07	1.11E-07	5.28E-09	1.28E-07	2.81E-08	3.84E-08	6.09E-08	1.05E-08	5.85E-08	3.29E-07
3992	497363.09	3853877.25	3.95E-04	4.04E-04	3.85E-04	1.37E-07	4.13E-07	2.39E-07	2.45E-07	2.22E-07	9.89E-08	9.64E-08	4.57E-09	1.10E-07	2.43E-08	3.32E-08	5.27E-08	9.07E-09	5.06E-08	2.85E-07
3993	497863.09	3853877.25	3.12E-04	3.20E-04	3.05E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.82E-08	7.62E-08	3.61E-09	8.72E-08	1.92E-08	2.63E-08	4.17E-08	7.17E-09	4.00E-08	2.25E-07
3994	498363.09	3853877.25	2.66E-04	2.72E-04	2.59E-04	9.20E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.65E-08	6.49E-08	3.07E-09	7.42E-08	1.64E-08	2.23E-08	3.54E-08	6.10E-09	3.40E-08	1.92E-07
3995	471363.09	3854377.25	3.30E-04	3.38E-04	3.22E-04	1.14E-07	3.45E-07	2.00E-07	2.04E-07	1.85E-07	8.25E-08	8.05E-08	3.81E-09	9.21E-08	2.03E-08	2.77E-08	4.40E-08	7.57E-09	4.22E-08	2.38E-07
3996	471863.09	3854377.25	3.64E-04	3.73E-04	3.55E-04	1.26E-07	3.81E-07	2.20E-07	2.26E-07	2.05E-07	9.12E-08	8.89E-08	4.21E-09	1.02E-07	2.24E-08	3.06E-08	4.86E-08	8.37E-09	4.67E-08	2.63E-07
3997	472363.09	3854377.25	3.93E-04	4.02E-04	3.83E-04	1.36E-07	4.10E-07	2.38E-07	2.43E-07	2.21E-07	9.83E-08	9.59E-08	4.54E-09	1.10E-07	2.42E-08	3.30E-08	5.24E-08	9.02E-09	5.03E-08	2.83E-07
3998	472863.09	3854377.25	4.13E-04	4.23E-04	4.03E-04	1.43E-07	4.32E-07	2.50E-07	2.56E-07	2.32E-07	1.03E-07	1.01E-07	4.77E-09	1.15E-07	2.54E-08	3.47E-08	5.51E-08	9.48E-09	5.29E-08	2.98E-07
3999	473363.09	3854377.25	4.40E-04	4.50E-04	4.29E-04	1.52E-07	4.60E-07	2.66E-07	2.72E-07	2.47E-07	1.10E-07	1.07E-07	5.08E-09	1.23E-07	2.71E-08	3.70E-08	5.87E-08	1.01E-08	5.63E-08	3.17E-07
4000	473863.09	3854377.25	4.72E-04	4.84E-04	4.61E-04	1.64E-07	4.94E-07	2.86E-07	2.93E-07	2.65E-07	1.18E-07	1.15E-07	5.46E-09	1.32E-07	2.91E-08	3.97E-08	6.30E-08	1.09E-08	6.05E-08	3.41E-07
4001	474363.09	3854377.25	5.00E-04	5.12E-04	4.87E-04	1.73E-07	5.22E-07	3.02E-07	3.10E-07	2.81E-07	1.25E-07	1.22E-07	5.78E-09	1.40E-07	3.08E-08	4.20E-08	6.67E-08	1.15E-08	6.40E-08	3.60E-07
4002	474863.09	3854377.25	4.69E-04	4.81E-04	4.58E-04	1.63E-07	4.91E-07	2.84E-07	2.91E-07	2.64E-07	1.17E-07	1.15E-07	5.43E-09	1.31E-07	2.89E-08	3.95E-08	6.26E-08	1.08E-08	6.01E-08	3.38E-07
4003	475363.09	3854377.25	3.86E-04	3.95E-04	3.76E-04	1.34E-07	4.03E-07	2.33E-07	2.39E-07	2.17E-07	9.65E-08	9.42E-08	4.46E-09	1.08E-07	2.38E-08	3.24E-08	5.15E-08	8.86E-09	4.94E-08	2.78E-07
4004	475863.09	3854377.25	2.26E-04	2.31E-04	2.21E-04	7.83E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.66E-08	5.52E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.02E-08	5.19E-09	2.90E-08	1.63E-07
4005	476363.09	3854377.25	1.84E-04	1.88E-04	1.79E-04	6.36E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.60E-08	4.49E-08	2.12E-09	5.13E-08	1.13E-08	1.55E-08	2.45E-08	4.22E-09	2.35E-08	1.33E-07
4006	476863.09	3854377.25	1.63E-04	1.67E-04	1.59E-04	5.66E-08	1.71E-07	9.89E-08	1.01E-07	9.17E-08	4.09E-08	3.99E-08	1.89E-09	4.56E-08	1.01E-08	1.37E-08	2.18E-08	3.75E-09	2.09E-08	1.18E-07
4007	477363.09	3854377.25	1.52E-04	1.55E-04	1.48E-04	5.25E-08	1.59E-07	9.18E-08	9.39E-08	8.52E-08	3.80E-08	3.70E-08	1.75E-09	4.23E-08	9.34E-09	1.28E-08	2.02E-08	3.48E-09	1.94E-08	1.09E-07
4008	477863.09	3854377.25	1.48E-04	1.52E-04	1.45E-04	5.13E-08	1.55E-07	8.97E-08	9.18E-08	8.32E-08	3.71E-08	3.62E-08	1.71E-09	4.14E-08	9.13E-09	1.25E-08	1.98E-08	3.40E-09	1.90E-08	1.07E-07
4009	478363.09	3854377.25	1.84E-04	1.88E-04	1.79E-04	6.37E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.61E-08	4.49E-08	2.13E-09	5.14E-08	1.13E-08	1.55E-08	2.46E-08	4.23E-09	2.36E-08	1.33E-07
4010	478863.09	3854377.25	2.01E-04	2.06E-04	1.96E-04	6.97E-08	2.11E-07	1.22E-07	1.25E-07	1.13E-07	5.04E-08	4.92E-08	2.33E-09	5.63E-08	1.24E-08	1.69E-08	2.69E-08	4.63E-09	2.58E-08	1.45E-07
4011	479363.09	3854377.25	3.74E-04	3.82E-04	3.64E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.10E-07	9.35E-08	9.12E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.58E-09	4.79E-08	2.69E-07
4012	479863.09	3854377.25	4.97E-04	5.09E-04	4.85E-04	1.72E-07	5.20E-07	3.01E-07	3.08E-07	2.79E-07	1.24E-07	1.21E-07	5.75E-09	1.39E-07	3.06E-08	4.18E-08	6.63E-08	1.14E-08	6.37E-08	3.58E-07
4013	480363.09	3854377.25	6.92E-04	7.08E-04	6.75E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.73E-07	1.69E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.23E-08	1.59E-08	8.87E-08	4.99E-07
4014	480863.09	3854377.25	1.02E-03	1.05E-03	9.99E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.56E-07	2.50E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.35E-08	1.31E-07	7.39E-07
4015	481363.09	3854377.25	1.36E-03	1.39E-03	1.32E-03	4.70E-07	1.42E-06	8.21E-07	8.40E-07	7.62E-07	3.40E-07	3.31E-07	1.57E-08	3.79E-07	8.36E-08	1.14E-07	1.81E-07	3.12E-08	1.74E-07	9.78E-07
4016	481863.09	3854377.25	1.69E-03	1.73E-03	1.65E-03	5.86E-07	1.77E-06	1.02E-06	1.05E-06	9.50E-07	4.24E-07	4.13E-07	1.96E-08	4.73E-07	1.04E-07	1.42E-07	2.26E-07	3.89E-08	2.17E-07	1.22E-06
4017	482363.09	3854377.25	1.75E-03	1.79E-03	1.70E-03	6.05E-07	1.83E-06	1.06E-06	1.08E-06	9.80E-07	4.37E-07	4.26E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.01E-08	2.24E-07	1.26E-06
4018	482863.09	3854377.25	1.74E-03	1.78E-03	1.70E-03	6.02E-07	1.82E-06	1.05E-06	1.08E-06	9.77E-07	4.35E-07	4.25E-07	2.01E-08	4.86E-07	1.07E-07	1.46E-07	2.32E-07	4.00E-08	2.23E-07	1.25E-06
4019	483363.09	3854377.25	1.70E-03	1.74E-03	1.66E-03	5.90E-07	1.78E-06	1.03E-06	1.06E-06	9.57E-07	4.27E-07	4.16E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.27E-07	3.91E-08	2.18E-07	1.23E-06
4020	483863.09	3854377.25	1.55E-03	1.58E-03	1.51E-03	5.35E-07	1.62E-06	9.35E-07	9.57E-07	8.68E-07	3.87E-07	3.77E-07	1.79E-08	4.31E-07	9.52E-08	1.30E-07	2.06E-07	3.55E-08	1.98E-07	1.11E-06
4021	484363.09	3854377.25	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.92E-07	8.11E-07	7.35E-07	3.28E-07	3.20E-07	1.51E-08	3.65E-07	8.07E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.44E-07
4022	484863.09	3854377.25	1.09E-03	1.11E-03	1.06E-03	3.76E-07	1.13E-06	6.57E-07	6.72E-07	6.09E-07	2.72E-07	2.65E-07	1.25E-08	3.03E-07	6.69E-08	9.13E-08	1.45E-07	2.49E-08	1.39E-07	7.83E-07
4023	485363.09	3854377.25	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.52E-07	7.70E-07	6.98E-07	3.11E-07	3.04E-07	1.44E-08	3.47E-07	7.66E-08	1.05E-07	1.66E-07	2.86E-08	1.59E-07	8.96E-07
4024	485863.09	3854377.25	1.11E-03	1.13E-03	1.08E-03	3.84E-07	1.16E-06	6.70E-07	6.86E-07	6.22E-07	2.77E-07	2.70E-07	1.28E-08	3.09E-07	6.83E-08	9.32E-08	1.48E-07	2.54E-08	1.42E-07	7.99E-07
4025	486363.09	3854377.25	1.16E-03	1.18E-03	1.13E-03	4.01E-07	1.21E-06	7.00E-07	7.17E-07	6.50E-07	2.90E-07	2.82E-07	1.34E-08	3.23E-07	7.13E-08	9.73E-08	1.54E-07	2.66E-08	1.48E-07	8.34E-07
4026	486863.09	3854377.25	1.09E-03	1.11E-03	1.06E-03	3.77E-07	1.14E-06	6.58E-07	6.74E-07	6.11E-07	2.72E-07	2.66E-07	1.26E-08	3.04E-07	6.70E-08	9.15E-08	1.45E-07	2.50E-08	1.39E-07	7.84E-07
4027	487363.09	3854377.25	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.50E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.62E-08	9.03E-08	1.43E-07	2.47E-08	1.38E-07	7.74E-07
4028	487863.09	3854377.25	1.10E-03	1.12E-03	1.07E-03	3.79E-07	1.15E-06	6.63E-07	6.79E-07	6.15E-07	2.74E-07	2.67E-07	1.27E-08	3.06E-07	6.75E-08	9.21E-08	1.46E-07	2.52E-08	1.40E-07	7.90E-07
4029	488363.09	3854377.25	1.09E-03	1.12E-03	1.07E-03	3.78E-07	1.14E-06	6.61E-07	6.77E-07	6.14E-07	2.74E-07	2.67E-07	1.26E-08	3.05E-07	6.73E-08	9.19E-08	1.46E-07	2.51E-08	1.40E-07	7.88E-07
4030	488863.09	3854377.25	1.07E-03	1.10E-03	1.05E-03	3.71E-07	1.12E-06	6.49E-07	6.64E-07	6.02E-07	2.68E-07	2.62E-07	1.24E-08	2.99E-07	6.60E-08	9.01E-08	1.43E-07	2.46E-08	1.37E-07	7.73E-07
4031	489363.09	3854377.25	1.04E-03	1.06E-03	1.01E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.60E-07	2.54E-07	1.20E-08	2.90E-07	6.41E-08	8.75E-08	1.39E-07	2.39E-08	1.33E-07	7.50E-07
4032	489863.09	3854377.25	1.00E-03	1.02E-03	9.75E-04	3.46E-07	1.04E-06	6.05E-07	6.19E-07	5.61E-07	2.50E-07	2.44E-07	1.16E-08	2.79E-07	6.16E-08	8.41E-08	1.33E-07	2.30E-08	1.28E-07	7.21E-07
4033	490363.09	3854377.25	9.54E-04	9.77E-04	9.31E-04	3.30E-07	9.97E-07	5.77E-07	5.91E-07	5.36E-07	2.39E-07	2.33E-07	1.10E-08	2.66E-07	5.88E-08	8.03E-08	1.27E-07	2.19E-08	1.22E-07	6.88E-07

4034	490863.09	3854377.25	8.34E-04	8.54E-04	8.13E-04	2.89E-07	8.72E-07	5.05E-07	5.17E-07	4.68E-07	2.09E-07	2.04E-07	9.64E-09	2.33E-07	5.14E-08	7.01E-08	1.11E-07	1.92E-08	1.07E-07	6.01E-07
4035	491363.09	3854377.25	8.55E-04	8.75E-04	8.34E-04	2.96E-07	8.94E-07	5.17E-07	5.30E-07	4.80E-07	2.14E-07	2.09E-07	9.89E-09	2.39E-07	5.27E-08	7.19E-08	1.14E-07	1.96E-08	1.10E-07	6.17E-07
4036	491863.09	3854377.25	8.58E-04	8.78E-04	8.37E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.82E-07	2.15E-07	2.09E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	1.97E-08	1.10E-07	6.18E-07
4037	492363.09	3854377.25	8.40E-04	8.60E-04	8.20E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.10E-07	2.05E-07	9.71E-09	2.35E-07	5.18E-08	7.07E-08	1.12E-07	1.93E-08	1.08E-07	6.06E-07
4038	492863.09	3854377.25	8.11E-04	8.30E-04	7.91E-04	2.81E-07	8.47E-07	4.90E-07	5.02E-07	4.55E-07	2.03E-07	1.98E-07	9.37E-09	2.26E-07	4.99E-08	6.82E-08	1.08E-07	1.86E-08	1.04E-07	5.84E-07
4039	493363.09	3854377.25	7.75E-04	7.93E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
4040	493863.09	3854377.25	7.38E-04	7.55E-04	7.20E-04	2.55E-07	7.71E-07	4.46E-07	4.57E-07	4.14E-07	1.85E-07	1.80E-07	8.53E-09	2.06E-07	4.55E-08	6.21E-08	9.84E-08	1.69E-08	9.45E-08	5.32E-07
4041	494363.09	3854377.25	7.04E-04	7.21E-04	6.87E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.95E-07	1.76E-07	1.72E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.39E-08	1.62E-08	9.02E-08	5.08E-07
4042	494863.09	3854377.25	6.15E-04	6.29E-04	6.00E-04	2.13E-07	6.43E-07	3.72E-07	3.81E-07	3.45E-07	1.54E-07	1.50E-07	7.11E-09	1.72E-07	3.79E-08	5.17E-08	8.20E-08	1.41E-08	7.88E-08	4.43E-07
4043	495363.09	3854377.25	5.15E-04	5.27E-04	5.03E-04	1.78E-07	5.39E-07	3.12E-07	3.19E-07	2.89E-07	1.29E-07	1.26E-07	5.96E-09	1.44E-07	3.17E-08	4.33E-08	6.87E-08	1.18E-08	6.60E-08	3.71E-07
4044	495863.09	3854377.25	4.46E-04	4.56E-04	4.35E-04	1.54E-07	4.66E-07	2.70E-07	2.76E-07	2.50E-07	1.12E-07	1.09E-07	5.15E-09	1.24E-07	2.75E-08	3.75E-08	5.95E-08	1.02E-08	5.71E-08	3.21E-07
4045	496363.09	3854377.25	4.13E-04	4.22E-04	4.02E-04	1.43E-07	4.31E-07	2.50E-07	2.56E-07	2.32E-07	1.03E-07	1.01E-07	4.77E-09	1.15E-07	2.54E-08	3.47E-08	5.50E-08	9.48E-09	5.29E-08	2.98E-07
4046	496863.09	3854377.25	3.68E-04	3.76E-04	3.59E-04	1.27E-07	3.84E-07	2.22E-07	2.28E-07	2.06E-07	9.20E-08	8.97E-08	4.25E-09	1.03E-07	2.26E-08	3.09E-08	4.90E-08	8.44E-09	4.71E-08	2.65E-07
4047	497363.09	3854377.25	2.94E-04	3.01E-04	2.87E-04	1.02E-07	3.08E-07	1.78E-07	1.82E-07	1.65E-07	7.37E-08	7.19E-08	3.40E-09	8.22E-08	1.81E-08	2.48E-08	3.93E-08	6.76E-09	3.77E-08	2.12E-07
4048	497863.09	3854377.25	3.08E-04	3.15E-04	3.00E-04	1.07E-07	3.22E-07	1.86E-07	1.91E-07	1.73E-07	7.70E-08	7.51E-08	3.56E-09	8.59E-08	1.90E-08	2.59E-08	4.11E-08	7.07E-09	3.94E-08	2.22E-07
4049	498363.09	3854377.25	2.70E-04	2.76E-04	2.63E-04	9.34E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.75E-08	6.58E-08	3.12E-09	7.53E-08	1.66E-08	2.27E-08	3.60E-08	6.19E-09	3.46E-08	1.94E-07
4050	471363.09	3854877.25	3.25E-04	3.32E-04	3.16E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.12E-08	7.92E-08	3.75E-09	9.06E-08	2.00E-08	2.73E-08	4.33E-08	7.45E-09	4.16E-08	2.34E-07
4051	471863.09	3854877.25	3.49E-04	3.57E-04	3.40E-04	1.21E-07	3.64E-07	2.11E-07	2.16E-07	1.96E-07	8.73E-08	8.51E-08	4.03E-09	9.74E-08	2.15E-08	2.93E-08	4.65E-08	8.01E-09	4.47E-08	2.51E-07
4052	472363.09	3854877.25	3.71E-04	3.80E-04	3.62E-04	1.29E-07	3.88E-07	2.25E-07	2.30E-07	2.08E-07	9.29E-08	9.06E-08	4.29E-09	1.04E-07	2.29E-08	3.12E-08	4.95E-08	8.53E-09	4.76E-08	2.68E-07
4053	472863.09	3854877.25	3.79E-04	3.87E-04	3.69E-04	1.31E-07	3.96E-07	2.29E-07	2.34E-07	2.13E-07	9.47E-08	9.24E-08	4.38E-09	1.06E-07	2.33E-08	3.18E-08	5.05E-08	8.69E-09	4.85E-08	2.73E-07
4054	473363.09	3854877.25	4.10E-04	4.20E-04	4.00E-04	1.42E-07	4.29E-07	2.48E-07	2.54E-07	2.30E-07	1.03E-07	1.00E-07	4.74E-09	1.15E-07	2.53E-08	3.45E-08	5.47E-08	9.42E-09	5.25E-08	2.96E-07
4055	473863.09	3854877.25	4.39E-04	4.50E-04	4.28E-04	1.52E-07	4.59E-07	2.66E-07	2.72E-07	2.47E-07	1.10E-07	1.07E-07	5.08E-09	1.23E-07	2.71E-08	3.69E-08	5.86E-08	1.01E-08	5.63E-08	3.17E-07
4056	474363.09	3854877.25	4.76E-04	4.87E-04	4.64E-04	1.65E-07	4.97E-07	2.88E-07	2.95E-07	2.67E-07	1.19E-07	1.16E-07	5.50E-09	1.33E-07	2.93E-08	4.00E-08	6.35E-08	1.09E-08	6.10E-08	3.43E-07
4057	474863.09	3854877.25	3.92E-04	4.01E-04	3.82E-04	1.36E-07	4.10E-07	2.37E-07	2.43E-07	2.20E-07	9.81E-08	9.57E-08	4.53E-09	1.09E-07	2.42E-08	3.30E-08	5.23E-08	9.00E-09	5.02E-08	2.83E-07
4058	475363.09	3854877.25	2.82E-04	2.89E-04	2.75E-04	9.77E-08	2.95E-07	1.71E-07	1.75E-07	1.58E-07	7.06E-08	6.89E-08	3.26E-09	7.88E-08	1.74E-08	2.37E-08	3.76E-08	6.48E-09	3.61E-08	2.03E-07
4059	475863.09	3854877.25	1.83E-04	1.87E-04	1.78E-04	6.32E-08	1.91E-07	1.10E-07	1.13E-07	1.02E-07	4.57E-08	4.46E-08	2.11E-09	5.10E-08	1.12E-08	1.54E-08	2.44E-08	4.19E-09	2.34E-08	1.32E-07
4060	476363.09	3854877.25	8.47E-05	8.67E-05	8.26E-05	2.93E-08	8.85E-08	5.12E-08	5.24E-08	4.75E-08	2.12E-08	2.07E-08	9.79E-10	2.36E-08	5.22E-09	7.12E-09	1.13E-08	1.94E-09	1.08E-08	6.10E-08
4061	476863.09	3854877.25	7.75E-05	7.93E-05	7.55E-05	2.68E-08	8.10E-08	4.69E-08	4.80E-08	4.35E-08	1.94E-08	1.89E-08	8.95E-10	2.16E-08	4.77E-09	6.51E-09	1.03E-08	1.78E-09	9.92E-09	5.58E-08
4062	477363.09	3854877.25	1.02E-04	1.04E-04	9.91E-05	3.52E-08	1.06E-07	6.15E-08	6.29E-08	5.70E-08	2.54E-08	2.48E-08	1.17E-09	2.84E-08	6.26E-09	8.54E-09	1.36E-08	2.33E-09	1.30E-08	7.33E-08
4063	477863.09	3854877.25	1.25E-04	1.28E-04	1.22E-04	4.32E-08	1.30E-07	7.55E-08	7.73E-08	7.01E-08	3.12E-08	3.05E-08	1.44E-09	3.48E-08	7.69E-09	1.05E-08	1.66E-08	2.87E-09	1.60E-08	9.00E-08
4064	478363.09	3854877.25	1.91E-04	1.96E-04	1.87E-04	6.62E-08	2.00E-07	1.16E-07	1.18E-07	1.07E-07	4.79E-08	4.67E-08	2.21E-09	5.34E-08	1.18E-08	1.61E-08	2.55E-08	4.39E-09	2.45E-08	1.38E-07
4065	478863.09	3854877.25	3.02E-04	3.09E-04	2.94E-04	1.04E-07	3.15E-07	1.82E-07	1.87E-07	1.69E-07	7.55E-08	7.36E-08	3.49E-09	8.42E-08	1.86E-08	2.54E-08	4.02E-08	6.93E-09	3.86E-08	2.17E-07
4066	479363.09	3854877.25	4.43E-04	4.53E-04	4.32E-04	1.53E-07	4.63E-07	2.68E-07	2.74E-07	2.49E-07	1.11E-07	1.08E-07	5.12E-09	1.24E-07	2.73E-08	3.72E-08	5.91E-08	1.02E-08	5.67E-08	3.19E-07
4067	479863.09	3854877.25	6.03E-04	6.17E-04	5.88E-04	2.09E-07	6.30E-07	3.65E-07	3.73E-07	3.38E-07	1.51E-07	1.47E-07	6.97E-09	1.68E-07	3.71E-08	5.07E-08	8.04E-08	1.38E-08	7.72E-08	4.35E-07
4068	480363.09	3854877.25	7.26E-04	7.43E-04	7.08E-04	2.51E-07	7.59E-07	4.39E-07	4.49E-07	4.07E-07	1.82E-07	1.77E-07	8.39E-09	2.03E-07	4.47E-08	6.10E-08	9.68E-08	1.67E-08	9.30E-08	5.23E-07
4069	480863.09	3854877.25	9.44E-04	9.66E-04	9.21E-04	3.27E-07	9.87E-07	5.71E-07	5.85E-07	5.30E-07	2.36E-07	2.30E-07	1.09E-08	2.64E-07	5.82E-08	7.94E-08	1.26E-07	2.17E-08	1.21E-07	6.81E-07
4070	481363.09	3854877.25	1.07E-03	1.10E-03	1.05E-03	3.71E-07	1.12E-06	6.49E-07	6.64E-07	6.02E-07	2.68E-07	2.62E-07	1.24E-08	2.99E-07	6.60E-08	9.01E-08	1.43E-07	2.46E-08	1.37E-07	7.73E-07
4071	481863.09	3854877.25	1.01E-03	1.04E-03	9.89E-04	3.51E-07	1.06E-06	6.13E-07	6.28E-07	5.69E-07	2.54E-07	2.47E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.33E-08	1.30E-07	7.31E-07
4072	482363.09	3854877.25	1.27E-03	1.30E-03	1.24E-03	4.40E-07	1.33E-06	7.69E-07	7.88E-07	7.14E-07	3.18E-07	3.10E-07	1.47E-08	3.55E-07	7.83E-08	1.07E-07	1.70E-07	2.92E-08	1.63E-07	9.17E-07
4073	482863.09	3854877.25	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.62E-07	7.80E-07	7.08E-07	3.15E-07	3.08E-07	1.46E-08	3.52E-07	7.76E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.09E-07
4074	483363.09	3854877.25	1.26E-03	1.29E-03	1.23E-03	4.37E-07	1.32E-06	7.64E-07	7.82E-07	7.09E-07	3.16E-07	3.08E-07	1.46E-08	3.53E-07	7.78E-08	1.06E-07	1.68E-07	2.90E-08	1.62E-07	9.10E-07
4075	483863.09	3854877.25	1.24E-03	1.26E-03	1.20E-03	4.28E-07	1.29E-06	7.48E-07	7.65E-07	6.94E-07	3.09E-07	3.02E-07	1.43E-08	3.45E-07	7.61E-08	1.04E-07	1.65E-07	2.84E-08	1.58E-07	8.91E-07
4076	484363.09	3854877.25	1.13E-03	1.16E-03	1.10E-03	3.92E-07	1.18E-06	6.85E-07	7.02E-07	6.36E-07	2.83E-07	2.76E-07	1.31E-08	3.16E-07	6.98E-08	9.52E-08	1.51E-07	2.60E-08	1.45E-07	8.17E-07
4077	484863.09	3854877.25	1.10E-03	1.12E-03	1.07E-03	3.80E-07	1.15E-06	6.65E-07	6.80E-07	6.17E-07	2.75E-07	2.68E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.52E-08	1.41E-07	7.92E-07
4078	485363.09	3854877.25	1.04E-03	1.07E-03	1.02E-03	3.61E-07	1.09E-06	6.32E-07	6.46E-07	5.86E-07	2.61E-07	2.55E-07	1.21E-08	2.91E-07	6.43E-08	8.78E-08	1.39E-07	2.40E-08	1.34E-07	7.52E-07
4079	485863.09	3854877.25	1.02E-03	1.04E-03	9.92E-04	3.52E-07	1.06E-06	6.15E-07	6.30E-07	5.71E-07	2.54E-07	2.48E-07	1.18E-08	2.84E-07	6.27E-08	8.55E-08	1.36E-07	2.34E-08	1.30E-07	7.33E-07
4080	486363.09	3854877.25	9.88E-04	1.01E-03	9.64E-04	3.42E-07	1.03E-06	5.98E-07	6.12E-07	5.55E-07	2.47E-07	2.41E-07	1.14E-08	2.76E-07	6.09E-08	8.31E-08	1.32E-07	2.27E-08	1.27E-07	7.12E-07
4081	486863.09	3854877.25	9.81E-04	1.00E-03	9.57E-04	3.40E-07	1.03E-06	5.94E-07	6.08E-07	5.51E-07	2.46E-07	2.40E-07	1.13E-08	2.74E-07	6.05E-08	8.25E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
4082	487363.09	3854877.25	1.01E-03	1.04E-03	9.90E-04	3.51E-07	1.06E-06	6.14E-07	6.29E-07	5.70E-07	2.54E-07	2.48E-07	1.17E-08	2.83E-07	6.25E-08	8.53E-08	1.35E-07	2.33E-08	1.30E-07	7.32E-07
4083	487863.09	3854877.25	1.01E-03	1.03E-03	9.86E-04	3.50E-07	1.06E-06	6.11E-07	6.26E-07	5.67E-07	2.53E-07	2.47E-07	1.17E-08	2.82E-07	6.23E-08	8.50E-08	1.35E-07	2.32E-08	1.29E-07	7.29E-07
4084	488363.09	3854877.25	9.90E-04	1.01E-03	9.66E-04	3.43E-07	1.04E-06	5.99E-07	6.13E-07	5.56E-07	2.48E-07	2.42E-07	1.14E-08	2.77E-07	6.10E-08	8.33E-08	1.32E-07	2.27E-08	1.27E-07	7.14E-07
4085	488863.09	3854877.25	9.79E-04	1.00E-03	9.55E-04	3.39E-07	1.02E-06	5.93E-07	6.06E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.73E-07	6.03E-08	8.23E-08	1.31E-07	2.25E-08	1.25E-07	7.06E-07
4086	489363.09	3854877.25	9.56E-04	9.78E-04	9.32E-04	3.31E-07	9.99E-07	5.78E-07	5.92E-07	5.37E-07	2.39E-07	2.33E-07	1.10E-08	2.67E-07	5.89E-08	8.04E-08	1.28E-07	2.20E-08	1.22E-07	6.89E-07
4087	489863.09	3854877.25	9.07E-04	9.29E-04	8.85E-04	3.14E-07	9.48E-07	5.49E-07	5.62E-07	5.09E-07	2.27E-07	2.21E-07	1.05E-08	2.53E-07	5.59E-08	7.63E-08	1.21E-07	2.08E-08	1.16E-07	6.54E-07
4088	490363.09	3854877.25	7.70E-04	7.88E-04	7.51E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.55E-07
4089	490863.09	3854877.25	6.04E-04	6.18E-04	5.89E-04	2.09E-07	6.31E-07	3.65E-07	3.74E-07	3.39E-07	1.51E-07	1.47E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.39E-08	7.74E-08	4.35E-07
4090	491363.09	3854877.25	6.43E-04	6.58E-04	6.27E-04	2.23E-07	6.72E-07	3.89E-07	3.98E-07	3.61E-07	1.61E-07	1.57E-07	7.43E-09	1.80E-07	3.96E-08	5.41E-08	8.58E-08	1.48E-08	8.24E-08	4.64E-07
4091	491863.09	3854877.25	8.00E-04	8.19E-04	7.80E-04	2.77E-07	8.36E-07	4.84E-07	4.95E-07	4.49E-07	2.00E-07	1.95E-07	9.24E-09	2.23E-07	4.93E-08	6.72E-08	1.07E-07	1.84E-08	1.02E-07	5.77E-07
4092	492363.09	3854877.25	7.89E-04	8.08E-04	7.69E-04	2.73E-07	8.25E-07	4.77E-07	4.89E-07	4.43E-07	1.97E-07	1.93E-07	9.12E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
4093	492863.09	3854877.25	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.69E-08	6.40E-08	1.01E-07	1.75E-08	9.74E-08	5.48E-07
4094	493363.09	3854877.25	7.24E-04	7.42E-04	7.07E-04	2.51E-07	7.57E-07	4.38E-07	4.49E-07	4.07E-07	1.81E-07	1.77E-07	8.37E-09	2.02E-07	4.46E-08	6.09E-08	9.66E-08	1.66E-08	9.28E-08	5.22E-07
4095	493863.09	3854877.25	6.93E-04	7.09E-04	6.76E-04	2.40E-07	7.24E-07	4.19E-07	4.29E-07	3.89E-07	1.73E-07	1.69E-07	8.01E-09	1.94E-07	4.27E-08	5.83E-08	9.25E-08	1.59E-08	8.88E-08	5.00E-07
4096	494363.09	3854877.25	5.90E-04	6.04E-04	5.75E-04	2.04E-07	6.16E-07	3.57E-07	3.65E-07	3.31E-07	1.48E-07	1.44E-07	6.82E-09	1.65E-07	3.63E-08	4.96E-08	7.87E-08	1.35E-08	7.55E-08	4.25E-07
4097	494863.09	3854877.25	4.66E-04	4.77E-04	4.55E-04	1.61E-07	4.87E-07	2.82E-07	2.89E-07	2.62E-07	1.17E-07	1.14E-07	5.39E-09	1.30E-07	2.87E-08	3.92E-08	6.22E-08	1.07E-08	5.97E-08	3.36E-07
4098	495363.09	3854877.25	3.85E-04	3.94E-04	3.75E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.62E-08	9.39E-08	4.44E-09	1.07E-07	2.37E-08	3.23E-08	5.13E-08	8.83E-09	4.93E-08	2.77E-07
4099	495863.09	3854877.25	3.40E-04	3.48E-04	3.32E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.91E-07	8.52E-08	8.31E-08	3.94E-09	9.51E-08	2.10E-08	2.86E-08	4.54E-08	7.82E-09	4.36E-08	2.45E-07
4100	496363.09	3854877.25	2.80E-04	2.87E-04	2.73E-04	9.69E-08	2.93E-07	1.69E-07	1.73E-07	1.57E-07	7.01E-08	6.83E-08	3.24E-09	7.82E-08	1.72E-08	2.35E-08	3.73E-08	6.43E-09	3.59E-08	2.02E-07
4101	496863.09	3854877.25	2.46E-04	2.52E-04	2.40E-04	8.53E-08	2.57E-07	1.49E-07	1.53E-07	1.38E-07	6.16E-08	6.01E-08	2.85E-09	6.88E-08	1.52E-08	2.07E-08	3.29E-08	5.66E-09	3.16E-08	1.78E-07
4102	497363.09	3854877.25	2.41E-04	2.46E-04	2.35E-04	8.33E-08	2.51E-07	1.46E-07	1.49E-07	1.35E-07	6.02E-08	5.87E-08	2.78E-09	6.72E-08	1.48E-08	2.02E-08	3.21E-08	5.53E-09	3.08E-08	1.73E-07
4103	497863.09	3854877.25	2.70E-04	2.77E-04	2.64E-04	9.36E-08	2.83E-07	1.64E-07	1.68E-07	1.52E-07	6.77E-08	6.60E-08	3.13E-09	7.55E-08	1.67E-08	2.27E-08	3.61E-08	6.21E-09	3.46E-08	1.95E-07
4104	498363.09	3854877.25	2.70E-04	2.76E-04	2.63E-04	9.34E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.75E-08	6.58E-08	3.12E-09	7.53E-08	1.66E-08	2.27E-08	3.60E-08	6.19E-09	3.46E-08	1.94E-07
4105	471363.09	3855377.25	3.22E-04	3.30E-04	3.14E-04	1.11E-07	3.37E-07	1.95E-07	1.99E-07	1.81E-07	8.06E-08	7.86E-08	3.72E-09	8.99E-08	1.98E-08	2.71E-08	4.30E-08	7.40E-09	4.13E-08	2.32E-07
4106	471863.09	3855377.25	3.36E-04	3.44E-04	3.27E-04	1.16E-07	3.51E-07	2.03E-07	2.08E-07	1.88E-07	8.40E-08	8.19E-08	3.88E-09	9.37E-08	2.07E-08	2.82E-08	4.48E-08	7.71E-09	4.30E-08	2.42E-07
4107	472363.09	3855377.25	3.62E-04	3.71E-04	3.53E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.06E-08	8.84E-08	4.19E-09	1.01E-07	2.23E-08	3.05E-08	4.83E-08	8.32E-09	4.64E-08	2.61E-07
4108	472863.09	3855377.25	3.74E-04	3.82E-04	3.64E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.10E-07	9.35E-08	9.12E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.58E-09	4.79E-08	2.69E-07
4109	473363.09	3855377.25	4.05E-04	4.15E-04	3.95E-04	1.40E-07	4.23E-07	2.45E-07	2.51E-07	2.27E-07	1.01E-07	9.88E-08	4.68E-09	1.13E-07	2.50E-08	3.41E-08	5.40E-08	9.30E-09	5.19E-08	2.92E-07
4110	473863.09	3855377.25	4.30E-04	4.40E-04	4.19E-04	1.49E-07	4.49E-07	2.60E-07	2.66E-07	2.41E-07	1.08E-07	1.05E-07	4.97E-09	1.20E-07	2.65E-08	3.61E-08	5.73E-08	9.87E-09	5.51E-08	3.10E-07
4111	474363.09	3855377.25	4.49E-04	4.60E-04	4.38E-04	1.56E-07	4.70E-07	2.72E-07	2.78E-07	2.52E-07	1.12E-07	1.10E-07	5.19E-09	1.25E-07	2.77E-08	3.78E-08	5.99E-08	1.03E-08	5.76E-08	3.24E-07
4112	474863.09	3855377.25	3.81E-04	3.90E-04	3.72E-04	1.32E-07	3.99E-07	2.31E-07	2.36E-07	2.14E-07	9.54E-08	9.31E-08	4.41E-09	1.06E-07	2.35E-08	3.21E-08	5.09E-08	8.76E-09	4.88E-08	2.75E-07
4113	475363.09	3855377.25	1.47E-04	1.51E-04	1.44E-04	5.10E-08	1.54E-07	8.92E-08	9.13E-08	8.28E-08	3.69E-08	3.60E-08	1.70E-09	4.12E-08	9.08E-09	1.24E-08	1.97E-08	3.39E-09	1.89E-08	1.06E-07
4114	475863.09	3855377.25	8.99E-05	9.20E-05	8.77E-05	3.11E-08	9.40E-08	5.44E-08	5.57E-08	5.05E-08	2.25E-08	2.19E-08	1.04E-09	2.51E-08	5.54E-09	7.56E-09	1.20E-08	2.06E-09	1.15E-08	6.48E-08
4115	476363.09	3855377.25	1.12E-04	1.14E-04	1.09E-04	3.87E-08	1.17E-07	6.77E-08	6.93E-08	6.28E-08	2.80E-08	2.73E-08	1.29E-09	3.12E-08	6.89E-09	9.40E-09	1.49E-08	2.57E-09	1.43E-08	8.06E-08
4116	476863.09	3855377.25	1.01E-04	1.03E-04	9.84E-05	3.49E-08	1.05E-07	6.10E-08	6.25E-08	5.66E-08	2.52E-08	2.46E-08	1.17E-09	2.82E-08	6.21E-09	8.48E-09	1.35E-08	2.32E-09	1.29E-08	7.27E-08
4117	477363.09	3855377.25	1.13E-04	1.15E-04	1.10E-04	3.91E-08	1.18E-07	6.83E-08	6.99E-08	6.33E-08	2.82E-08	2.75E-08	1.30E-09	3.15E-08	6.95E-09	9.49E-09	1.50E-08	2.59E-09	1.45E-08	8.13E-08
4118	477863.09	3855377.25	1.63E-04	1.67E-04	1.59E-04	5.66E-08	1.71E-07	9.89E-08	1.01E-07	9.17E-08	4.09E-08	3.99E-08	1.89E-09	4.56E-08	1.01E-08	1.37E-08	2.18E-08	3.75E-09	2.09E-08	1.18E-07
4119	478363.09	3855377.25	2.27E-04	2.33E-04	2.22E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.69E-08	5.55E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.22E-09	2.91E-08	1.64E-07
4120	478863.09	3855377.25	2.96E-04	3.03E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.40E-08	7.22E-08	3.42E-09	8.25E-08	1.82E-08	2.49E-08	3.94E-08	6.79E-09	3.79E-08	2.13E-07
4121	479363.09	3855377.25	3.89E-04	3.98E-04	3.79E-04	1.35E-07	4.07E-07	2.35E-07	2.41E-07	2.18E-07	9.74E-08	9.50E-08	4.50E-09	1.09E-07	2.40E-08	3.27E-08	5.19E-08	8.93E-09	4.98E-08	2.80E-07
4122	479863.09	3855377.25	4.76E-04	4.87E-04	4.64E-04	1.65E-07	4.98E-07	2.88E-07	2.95E-07	2.67E-07	1.19E-07	1.16E-07	5.50E-09	1.33E-07	2.93E-08	4.00E-08	6.35E-08	1.09E-08	6.10E-08	3.43E-07
4123	480363.09	3855377.25	6.37E-04	6.52E-04	6.21E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.59E-07	1.55E-07	7.36E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.46E-08	8.15E-08	4.59E-07
4124	480863.09	3855377.25	8.26E-04	8.46E-04	8.06E-04	2.86E-07	8.63E-07	5.00E-07	5.12E-07	4.64E-07	2.07E-07	2.02E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.90E-08	1.06E-07	5.96E-07
4125	481363.09	3855377.25	9.64E-04	9.86E-04	9.40E-04	3.34E-07	1.01E-06	5.83E-07	5.97E-07	5.41E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.94E-08	8.10E-08	1.29E-07	2.21E-08	1.23E-07	6.95E-07
4126	481863.09	3855377.25	1.01E-03	1.04E-03	9.87E-04	3.50E-07	1.06E-06	6.12E-07	6.27E-07	5.68E-07	2.53E-07	2.47E-07	1.17E-08	2.83E-07	6.24E-08	8.51E-08	1.35E-07	2.32E-08	1.30E-07	7.30E-07
4127	482363.09	3855377.25	1.01E-03	1.03E-03	9.83E-04	3.49E-07	1.05E-06	6.10E-07	6.24E-07	5.66E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.21E-08	8.47E-08	1.34E-07	2.31E-08	1.29E-07	7.26E-07
4128	482863.09	3855377.25	1.00E-03	1.03E-03	9.77E-04	3.47E-07	1.05E-06	6.06E-07	6.20E-07	5.62E-07	2.51E-07	2.44E-07	1.16E-08	2.80E-07	6.17E-08	8.42E-08	1.34E-07	2.30E-08	1.28E-07	7.22E-07
4129	483363.09	3855377.25	1.01E-03	1.03E-03	9.81E-04	3.48E-07	1.05E-06	6.08E-07	6.23E-07	5.64E-07	2.52E-07	2.45E-07	1.16E-08	2.81E-07	6.19E-08	8.45E-08	1.34E-07	2.31E-08	1.29E-07	7.25E-07
4130	483863.09	3855377.25	1.01E-03	1.04E-03	9.87E-04	3.50E-07	1.06E-06	6.12E-07	6.27E-07	5.68E-07	2.53E-07	2.47E-07	1.17E-08	2.83E-07	6.23E-08	8.51E-08	1.35E-07	2.32E-08	1.30E-07	7.30E-07
4131	484363.09	3855377.25	1.01E-03	1.03E-03	9.84E-04	3.49E-07	1.05E-06	6.11E-07	6.25E-07	5.67E-07	2.53E-07	2.46E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.32E-08	1.29E-07	7.28E-07
4132	484863.09	3855377.25	9.92E-04	1.02E-03	9.67E-04	3.43E-07	1.04E-06	6.00E-07	6.14E-07	5.57E-07	2.48E-07	2.42E-07	1.15E-08	2.77E-07	6.11E-08	8.34E-08	1.32E-07	2.28E-08	1.27E-07	7.15E-07
4133	485363.09	3855377.25	9.77E-04	1.00E-03	9.52E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.48E-07	2.44E-07	2.38E-07	1.13E-08	2.73E-07	6.02E-08	8.21E-08	1.30E-07	2.24E-08	1.25E-07	7.04E-07
4134	485863.09	3855377.25	9.25E-04	9.47E-04	9.02E-04	3.20E-07	9.67E-07	5.60E-07	5.73E-07	5.19E-07	2.31E-07	2.26E-07	1.07E-08	2.58E-07	5.70E-08	7.78E-08	1.23E-07	2.12E-08	1.18E-07	6.67E-07

4135	486363.09	3855377.25	8.88E-04	9.09E-04	8.66E-04	3.08E-07	9.29E-07	5.38E-07	5.50E-07	4.99E-07	2.22E-07	2.17E-07	1.03E-08	2.48E-07	5.47E-08	7.47E-08	1.19E-07	2.04E-08	1.14E-07	6.40E-07
4136	486863.09	3855377.25	8.60E-04	8.80E-04	8.38E-04	2.98E-07	8.99E-07	5.20E-07	5.32E-07	4.83E-07	2.15E-07	2.10E-07	9.94E-09	2.40E-07	5.30E-08	7.23E-08	1.15E-07	1.97E-08	1.10E-07	6.20E-07
4137	487363.09	3855377.25	8.93E-04	9.14E-04	8.71E-04	3.09E-07	9.33E-07	5.40E-07	5.53E-07	5.01E-07	2.23E-07	2.18E-07	1.03E-08	2.49E-07	5.50E-08	7.51E-08	1.19E-07	2.05E-08	1.14E-07	6.44E-07
4138	487863.09	3855377.25	9.21E-04	9.43E-04	8.98E-04	3.19E-07	9.63E-07	5.57E-07	5.71E-07	5.17E-07	2.31E-07	2.25E-07	1.06E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.64E-07
4139	488363.09	3855377.25	9.29E-04	9.51E-04	9.06E-04	3.22E-07	9.71E-07	5.62E-07	5.75E-07	5.22E-07	2.33E-07	2.27E-07	1.07E-08	2.59E-07	5.73E-08	7.81E-08	1.24E-07	2.13E-08	1.19E-07	6.70E-07
4140	488863.09	3855377.25	9.13E-04	9.35E-04	8.91E-04	3.16E-07	9.55E-07	5.53E-07	5.66E-07	5.13E-07	2.29E-07	2.23E-07	1.06E-08	2.55E-07	5.63E-08	7.68E-08	1.22E-07	2.10E-08	1.17E-07	6.58E-07
4141	489363.09	3855377.25	8.77E-04	8.98E-04	8.55E-04	3.04E-07	9.17E-07	5.31E-07	5.43E-07	4.92E-07	2.19E-07	2.14E-07	1.01E-08	2.45E-07	5.40E-08	7.37E-08	1.17E-07	2.01E-08	1.12E-07	6.32E-07
4142	489863.09	3855377.25	8.36E-04	8.56E-04	8.15E-04	2.89E-07	8.74E-07	5.06E-07	5.18E-07	4.69E-07	2.09E-07	2.04E-07	9.66E-09	2.33E-07	5.15E-08	7.03E-08	1.11E-07	1.92E-08	1.07E-07	6.03E-07
4143	490363.09	3855377.25	8.21E-04	8.40E-04	8.01E-04	2.84E-07	8.58E-07	4.97E-07	5.09E-07	4.61E-07	2.06E-07	2.00E-07	9.49E-09	2.29E-07	5.06E-08	6.90E-08	1.10E-07	1.89E-08	1.05E-07	5.92E-07
4144	490863.09	3855377.25	6.50E-04	6.65E-04	6.34E-04	2.25E-07	6.79E-07	3.93E-07	4.03E-07	3.65E-07	1.63E-07	1.59E-07	7.51E-09	1.81E-07	4.00E-08	5.47E-08	8.67E-08	1.49E-08	8.33E-08	4.69E-07
4145	491363.09	3855377.25	5.86E-04	6.00E-04	5.72E-04	2.03E-07	6.13E-07	3.55E-07	3.63E-07	3.29E-07	1.47E-07	1.43E-07	6.78E-09	1.64E-07	3.61E-08	4.93E-08	7.82E-08	1.35E-08	7.51E-08	4.23E-07
4146	491863.09	3855377.25	7.34E-04	7.52E-04	7.16E-04	2.54E-07	7.68E-07	4.44E-07	4.55E-07	4.12E-07	1.84E-07	1.79E-07	8.49E-09	2.05E-07	4.53E-08	6.18E-08	9.80E-08	1.69E-08	9.41E-08	5.29E-07
4147	492363.09	3855377.25	7.27E-04	7.44E-04	7.09E-04	2.52E-07	7.60E-07	4.40E-07	4.50E-07	4.08E-07	1.82E-07	1.77E-07	8.40E-09	2.03E-07	4.48E-08	6.11E-08	9.70E-08	1.67E-08	9.31E-08	5.24E-07
4148	492863.09	3855377.25	7.04E-04	7.20E-04	6.86E-04	2.44E-07	7.35E-07	4.26E-07	4.36E-07	3.95E-07	1.76E-07	1.72E-07	8.13E-09	1.96E-07	4.33E-08	5.92E-08	9.39E-08	1.62E-08	9.01E-08	5.07E-07
4149	493363.09	3855377.25	6.59E-04	6.74E-04	6.42E-04	2.28E-07	6.89E-07	3.99E-07	4.08E-07	3.70E-07	1.65E-07	1.61E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.51E-08	8.44E-08	4.75E-07
4150	493863.09	3855377.25	5.69E-04	5.83E-04	5.55E-04	1.97E-07	5.95E-07	3.44E-07	3.52E-07	3.19E-07	1.42E-07	1.39E-07	6.58E-09	1.59E-07	3.51E-08	4.79E-08	7.59E-08	1.31E-08	7.29E-08	4.10E-07
4151	494363.09	3855377.25	4.61E-04	4.72E-04	4.50E-04	1.60E-07	4.82E-07	2.79E-07	2.86E-07	2.59E-07	1.15E-07	1.13E-07	5.33E-09	1.29E-07	2.84E-08	3.88E-08	6.15E-08	1.06E-08	5.91E-08	3.32E-07
4152	494863.09	3855377.25	3.54E-04	3.62E-04	3.45E-04	1.23E-07	3.70E-07	2.14E-07	2.19E-07	1.99E-07	8.86E-08	8.64E-08	4.09E-09	9.88E-08	2.18E-08	2.98E-08	4.72E-08	8.13E-09	4.53E-08	2.55E-07
4153	495363.09	3855377.25	2.82E-04	2.88E-04	2.75E-04	9.75E-08	2.94E-07	1.70E-07	1.74E-07	1.58E-07	7.05E-08	6.88E-08	3.26E-09	7.86E-08	1.74E-08	2.37E-08	3.76E-08	6.47E-09	3.61E-08	2.03E-07
4154	495863.09	3855377.25	2.37E-04	2.43E-04	2.31E-04	8.21E-08	2.48E-07	1.43E-07	1.47E-07	1.33E-07	5.93E-08	5.79E-08	2.74E-09	6.62E-08	1.46E-08	1.99E-08	3.16E-08	5.45E-09	3.04E-08	1.71E-07
4155	496363.09	3855377.25	2.34E-04	2.39E-04	2.28E-04	8.10E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.85E-08	5.71E-08	2.70E-09	6.53E-08	1.44E-08	1.97E-08	3.12E-08	5.37E-09	3.00E-08	1.69E-07
4156	496863.09	3855377.25	2.33E-04	2.39E-04	2.27E-04	8.07E-08	2.44E-07	1.41E-07	1.44E-07	1.31E-07	5.83E-08	5.69E-08	2.69E-09	6.51E-08	1.44E-08	1.96E-08	3.11E-08	5.35E-09	2.99E-08	1.68E-07
4157	497363.09	3855377.25	2.43E-04	2.49E-04	2.37E-04	8.41E-08	2.54E-07	1.47E-07	1.50E-07	1.36E-07	6.08E-08	5.93E-08	2.81E-09	6.78E-08	1.50E-08	2.04E-08	3.24E-08	5.58E-09	3.11E-08	1.75E-07
4158	497863.09	3855377.25	2.62E-04	2.68E-04	2.56E-04	9.07E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.56E-08	6.40E-08	3.03E-09	7.32E-08	1.61E-08	2.20E-08	3.49E-08	6.02E-09	3.36E-08	1.89E-07
4159	498363.09	3855377.25	2.86E-04	2.93E-04	2.79E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.16E-08	6.98E-08	3.31E-09	7.99E-08	1.76E-08	2.41E-08	3.82E-08	6.57E-09	3.67E-08	2.06E-07
4160	471363.09	3855877.25	3.15E-04	3.22E-04	3.07E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	7.87E-08	7.68E-08	3.64E-09	8.78E-08	1.94E-08	2.65E-08	4.20E-08	7.22E-09	4.03E-08	2.27E-07
4161	471863.09	3855877.25	3.29E-04	3.37E-04	3.21E-04	1.14E-07	3.44E-07	1.99E-07	2.04E-07	1.85E-07	8.23E-08	8.02E-08	3.80E-09	9.18E-08	2.03E-08	2.76E-08	4.39E-08	7.55E-09	4.21E-08	2.37E-07
4162	472363.09	3855877.25	3.58E-04	3.67E-04	3.50E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	8.97E-08	8.75E-08	4.14E-09	1.00E-07	2.21E-08	3.01E-08	4.78E-08	8.23E-09	4.59E-08	2.58E-07
4163	472863.09	3855877.25	3.63E-04	3.72E-04	3.54E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.09E-08	8.87E-08	4.20E-09	1.01E-07	2.24E-08	3.06E-08	4.85E-08	8.35E-09	4.65E-08	2.62E-07
4164	473363.09	3855877.25	3.98E-04	4.07E-04	3.88E-04	1.38E-07	4.16E-07	2.41E-07	2.46E-07	2.23E-07	9.96E-08	9.71E-08	4.60E-09	1.11E-07	2.45E-08	3.35E-08	5.31E-08	9.14E-09	5.10E-08	2.87E-07
4165	473863.09	3855877.25	4.22E-04	4.32E-04	4.11E-04	1.46E-07	4.41E-07	2.55E-07	2.61E-07	2.37E-07	1.06E-07	1.03E-07	4.87E-09	1.18E-07	2.60E-08	3.55E-08	5.62E-08	9.68E-09	5.40E-08	3.04E-07
4166	474363.09	3855877.25	4.34E-04	4.44E-04	4.23E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.09E-07	1.06E-07	5.02E-09	1.21E-07	2.67E-08	3.65E-08	5.79E-08	9.97E-09	5.56E-08	3.13E-07
4167	474863.09	3855877.25	3.47E-04	3.56E-04	3.39E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.69E-08	8.48E-08	4.02E-09	9.70E-08	2.14E-08	2.92E-08	4.63E-08	7.98E-09	4.45E-08	2.50E-07
4168	475363.09	3855877.25	1.99E-04	2.04E-04	1.94E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	4.99E-08	4.86E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.58E-09	2.55E-08	1.44E-07
4169	475863.09	3855877.25	5.78E-05	5.91E-05	5.64E-05	2.00E-08	6.04E-08	3.50E-08	3.58E-08	3.24E-08	1.45E-08	1.41E-08	6.68E-10	1.61E-08	3.56E-09	4.86E-09	7.71E-09	1.33E-09	7.40E-09	4.17E-08
4170	476363.09	3855877.25	6.08E-05	6.22E-05	5.93E-05	2.10E-08	6.35E-08	3.68E-08	3.76E-08	3.41E-08	1.52E-08	1.48E-08	7.02E-10	1.70E-08	3.74E-09	5.11E-09	8.11E-09	1.40E-09	7.78E-09	4.38E-08
4171	476863.09	3855877.25	1.09E-04	1.11E-04	1.06E-04	3.77E-08	1.14E-07	6.59E-08	6.74E-08	6.11E-08	2.72E-08	2.66E-08	1.26E-09	3.04E-08	6.71E-09	9.15E-09	1.45E-08	2.50E-09	1.39E-08	7.85E-08
4172	477363.09	3855877.25	1.39E-04	1.42E-04	1.35E-04	4.80E-08	1.45E-07	8.39E-08	8.59E-08	7.79E-08	3.47E-08	3.39E-08	1.60E-09	3.87E-08	8.55E-09	1.17E-08	1.85E-08	3.19E-09	1.78E-08	1.00E-07
4173	477863.09	3855877.25	1.78E-04	1.82E-04	1.73E-04	6.16E-08	1.86E-07	1.08E-07	1.10E-07	9.98E-08	4.45E-08	4.34E-08	2.06E-09	4.97E-08	1.10E-08	1.50E-08	2.37E-08	4.08E-09	2.28E-08	1.28E-07
4174	478363.09	3855877.25	2.36E-04	2.42E-04	2.30E-04	8.17E-08	2.47E-07	1.43E-07	1.46E-07	1.33E-07	5.91E-08	5.76E-08	2.73E-09	6.59E-08	1.45E-08	1.99E-08	3.15E-08	5.42E-09	3.02E-08	1.70E-07
4175	478863.09	3855877.25	3.13E-04	3.20E-04	3.05E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.75E-07	7.82E-08	7.63E-08	3.61E-09	8.73E-08	1.93E-08	2.63E-08	4.17E-08	7.18E-09	4.00E-08	2.25E-07
4176	479363.09	3855877.25	4.08E-04	4.18E-04	3.98E-04	1.41E-07	4.27E-07	2.47E-07	2.53E-07	2.29E-07	1.02E-07	9.97E-08	4.72E-09	1.14E-07	2.52E-08	3.43E-08	5.45E-08	9.38E-09	5.23E-08	2.94E-07
4177	479863.09	3855877.25	4.88E-04	5.00E-04	4.76E-04	1.69E-07	5.10E-07	2.95E-07	3.02E-07	2.74E-07	1.22E-07	1.19E-07	5.64E-09	1.36E-07	3.01E-08	4.10E-08	6.51E-08	1.12E-08	6.25E-08	3.52E-07
4178	480363.09	3855877.25	5.92E-04	6.06E-04	5.78E-04	2.05E-07	6.19E-07	3.58E-07	3.67E-07	3.33E-07	1.48E-07	1.45E-07	6.85E-09	1.65E-07	3.65E-08	4.98E-08	7.90E-08	1.36E-08	7.59E-08	4.27E-07
4179	480863.09	3855877.25	7.03E-04	7.19E-04	6.85E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.94E-07	1.76E-07	1.71E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.37E-08	1.61E-08	9.00E-08	5.07E-07
4180	481363.09	3855877.25	6.99E-04	7.15E-04	6.82E-04	2.42E-07	7.30E-07	4.23E-07	4.33E-07	3.92E-07	1.75E-07	1.71E-07	8.08E-09	1.95E-07	4.31E-08	5.88E-08	9.32E-08	1.61E-08	8.95E-08	5.04E-07
4181	481863.09	3855877.25	8.28E-04	8.48E-04	8.08E-04	2.87E-07	8.66E-07	5.01E-07	5.13E-07	4.65E-07	2.07E-07	2.02E-07	9.57E-09	2.31E-07	5.10E-08	6.96E-08	1.10E-07	1.90E-08	1.06E-07	5.97E-07
4182	482363.09	3855877.25	8.30E-04	8.50E-04	8.10E-04	2.87E-07	8.68E-07	5.02E-07	5.14E-07	4.66E-07	2.08E-07	2.03E-07	9.60E-09	2.32E-07	5.11E-08	6.98E-08	1.11E-07	1.91E-08	1.06E-07	5.98E-07
4183	482863.09	3855877.25	8.36E-04	8.56E-04	8.15E-04	2.89E-07	8.74E-07	5.06E-07	5.18E-07	4.69E-07	2.09E-07	2.04E-07	9.66E-09	2.33E-07	5.15E-08	7.03E-08	1.11E-07	1.92E-08	1.07E-07	6.03E-07
4184	483363.09	3855877.25	8.51E-04	8.71E-04	8.30E-04	2.95E-07	8.90E-07	5.15E-07	5.27E-07	4.78E-07	2.13E-07	2.08E-07	9.84E-09	2.38E-07	5.24E-08	7.16E-08	1.14E-07	1.96E-08	1.09E-07	6.14E-07
4185	483863.09	3855877.25	8.50E-04	8.70E-04	8.29E-04	2.94E-07	8.88E-07	5.14E-07	5.26E-07	4.77E-07	2.13E-07	2.07E-07	9.82E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	1.95E-08	1.09E-07	6.13E-07
4186	484363.09	3855877.25	8.73E-04	8.93E-04	8.51E-04	3.02E-07	9.12E-07	5.28E-07	5.40E-07	4.90E-07	2.18E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.34E-08	1.16E-07	2.00E-08	1.12E-07	6.29E-07
4187	484863.09	3855877.25	8.73E-04	8.93E-04	8.51E-04	3.02E-07	9.12E-07	5.28E-07	5.40E-07	4.90E-07	2.18E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.34E-08	1.16E-07	2.00E-08	1.12E-07	6.29E-07
4188	485363.09	3855877.25	8.59E-04	8.79E-04	8.38E-04	2.97E-07	8.98E-07	5.20E-07	5.32E-07	4.82E-07	2.15E-07	2.10E-07	9.93E-09	2.40E-07	5.29E-08	7.22E-08	1.15E-07	1.97E-08	1.10E-07	6.19E-07
4189	485863.09	3855877.25	8.60E-04	8.80E-04	8.38E-04	2.98E-07	8.99E-07	5.20E-07	5.32E-07	4.83E-07	2.15E-07	2.10E-07	9.94E-09	2.40E-07	5.30E-08	7.23E-08	1.15E-07	1.97E-08	1.10E-07	6.20E-07
4190	486363.09	3855877.25	8.04E-04	8.23E-04	7.84E-04	2.78E-07	8.40E-07	4.86E-07	4.98E-07	4.51E-07	2.01E-07	1.96E-07	9.29E-09	2.24E-07	4.95E-08	6.76E-08	1.07E-07	1.85E-08	1.03E-07	5.80E-07
4191	486863.09	3855877.25	7.79E-04	7.98E-04	7.60E-04	2.70E-07	8.14E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.90E-07	9.01E-09	2.18E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.98E-08	5.62E-07
4192	487363.09	3855877.25	7.98E-04	8.17E-04	7.79E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.48E-07	2.00E-07	1.95E-07	9.23E-09	2.23E-07	4.92E-08	6.71E-08	1.07E-07	1.83E-08	1.02E-07	5.76E-07
4193	487863.09	3855877.25	8.12E-04	8.31E-04	7.92E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.03E-07	1.98E-07	9.38E-09	2.27E-07	5.00E-08	6.83E-08	1.08E-07	1.86E-08	1.04E-07	5.85E-07
4194	488363.09	3855877.25	8.30E-04	8.50E-04	8.10E-04	2.87E-07	8.68E-07	5.02E-07	5.14E-07	4.66E-07	2.08E-07	2.03E-07	9.60E-09	2.32E-07	5.12E-08	6.98E-08	1.11E-07	1.91E-08	1.06E-07	5.99E-07
4195	488863.09	3855877.25	8.42E-04	8.61E-04	8.21E-04	2.91E-07	8.80E-07	5.09E-07	5.21E-07	4.72E-07	2.11E-07	2.05E-07	9.73E-09	2.35E-07	5.18E-08	7.08E-08	1.12E-07	1.93E-08	1.08E-07	6.07E-07
4196	489363.09	3855877.25	8.27E-04	8.46E-04	8.06E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.07E-07	2.02E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.90E-08	1.06E-07	5.96E-07
4197	489863.09	3855877.25	8.00E-04	8.19E-04	7.81E-04	2.77E-07	8.37E-07	4.84E-07	4.96E-07	4.49E-07	2.00E-07	1.95E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.84E-08	1.03E-07	5.77E-07
4198	490363.09	3855877.25	7.76E-04	7.95E-04	7.57E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.78E-08	9.94E-08	5.60E-07
4199	490863.09	3855877.25	7.35E-04	7.53E-04	7.17E-04	2.54E-07	7.68E-07	4.45E-07	4.55E-07	4.13E-07	1.84E-07	1.79E-07	8.50E-09	2.05E-07	4.53E-08	6.18E-08	9.81E-08	1.69E-08	9.42E-08	5.30E-07
4200	491363.09	3855877.25	6.72E-04	6.88E-04	6.56E-04	2.33E-07	7.03E-07	4.07E-07	4.16E-07	3.77E-07	1.68E-07	1.64E-07	7.77E-09	1.88E-07	4.14E-08	5.65E-08	8.97E-08	1.54E-08	8.61E-08	4.85E-07
4201	491863.09	3855877.25	7.01E-04	7.17E-04	6.83E-04	2.43E-07	7.32E-07	4.24E-07	4.34E-07	3.93E-07	1.75E-07	1.71E-07	8.10E-09	1.96E-07	4.32E-08	5.89E-08	9.35E-08	1.61E-08	8.98E-08	5.05E-07
4202	492363.09	3855877.25	6.73E-04	6.89E-04	6.57E-04	2.33E-07	7.04E-07	4.07E-07	4.17E-07	3.78E-07	1.68E-07	1.64E-07	7.78E-09	1.88E-07	4.15E-08	5.66E-08	8.98E-08	1.55E-08	8.62E-08	4.85E-07
4203	492863.09	3855877.25	6.50E-04	6.65E-04	6.34E-04	2.25E-07	6.79E-07	3.93E-07	4.03E-07	3.65E-07	1.63E-07	1.59E-07	7.51E-09	1.81E-07	4.00E-08	5.47E-08	8.67E-08	1.49E-08	8.33E-08	4.69E-07
4204	493363.09	3855877.25	5.66E-04	5.80E-04	5.52E-04	1.96E-07	5.92E-07	3.43E-07	3.51E-07	3.18E-07	1.42E-07	1.38E-07	6.55E-09	1.58E-07	3.49E-08	4.76E-08	7.55E-08	1.30E-08	7.25E-08	4.08E-07
4205	493863.09	3855877.25	4.55E-04	4.66E-04	4.44E-04	1.58E-07	4.76E-07	2.75E-07	2.82E-07	2.56E-07	1.14E-07	1.11E-07	5.26E-09	1.27E-07	2.80E-08	3.83E-08	6.07E-08	1.05E-08	5.83E-08	3.28E-07
4206	494363.09	3855877.25	3.47E-04	3.55E-04	3.38E-04	1.20E-07	3.62E-07	2.10E-07	2.15E-07	1.95E-07	8.68E-08	8.46E-08	4.01E-09	9.68E-08	2.14E-08	2.92E-08	4.62E-08	7.96E-09	4.44E-08	2.50E-07
4207	494863.09	3855877.25	2.74E-04	2.81E-04	2.67E-04	9.49E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.86E-08	6.69E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.30E-09	3.51E-08	1.98E-07
4208	495363.09	3855877.25	2.06E-04	2.11E-04	2.01E-04	7.13E-08	2.15E-07	1.25E-07	1.28E-07	1.16E-07	5.15E-08	5.03E-08	2.38E-09	5.75E-08	1.27E-08	1.73E-08	2.75E-08	4.73E-09	2.64E-08	1.48E-07
4209	495863.09	3855877.25	2.08E-04	2.13E-04	2.03E-04	7.22E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.22E-08	5.09E-08	2.41E-09	5.82E-08	1.28E-08	1.75E-08	2.78E-08	4.79E-09	2.67E-08	1.50E-07
4210	496363.09	3855877.25	2.14E-04	2.19E-04	2.09E-04	7.41E-08	2.24E-07	1.30E-07	1.33E-07	1.20E-07	5.36E-08	5.23E-08	2.48E-09	5.98E-08	1.32E-08	1.80E-08	2.86E-08	4.92E-09	2.74E-08	1.54E-07
4211	496863.09	3855877.25	2.30E-04	2.36E-04	2.25E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.77E-08	5.62E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.29E-09	2.95E-08	1.66E-07
4212	497363.09	3855877.25	2.49E-04	2.55E-04	2.43E-04	8.62E-08	2.60E-07	1.51E-07	1.54E-07	1.40E-07	6.23E-08	6.08E-08	2.88E-09	6.95E-08	1.53E-08	2.09E-08	3.32E-08	5.72E-09	3.19E-08	1.80E-07
4213	497863.09	3855877.25	2.73E-04	2.80E-04	2.66E-04	9.46E-08	2.86E-07	1.65E-07	1.69E-07	1.53E-07	6.84E-08	6.67E-08	3.16E-09	7.63E-08	1.68E-08	2.30E-08	3.64E-08	6.27E-09	3.50E-08	1.97E-07
4214	498363.09	3855877.25	3.19E-04	3.27E-04	3.11E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	7.98E-08	7.79E-08	3.69E-09	8.91E-08	1.97E-08	2.68E-08	4.26E-08	7.33E-09	4.09E-08	2.30E-07
4215	471363.09	3856377.25	3.03E-04	3.10E-04	2.95E-04	1.05E-07	3.17E-07	1.83E-07	1.88E-07	1.70E-07	7.58E-08	7.39E-08	3.50E-09	8.46E-08	1.87E-08	2.55E-08	4.04E-08	6.96E-09	3.88E-08	2.18E-07
4216	471863.09	3856377.25	3.15E-04	3.22E-04	3.07E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	7.87E-08	7.68E-08	3.64E-09	8.78E-08	1.94E-08	2.65E-08	4.20E-08	7.22E-09	4.03E-08	2.27E-07
4217	472363.09	3856377.25	3.35E-04	3.43E-04	3.27E-04	1.16E-07	3.50E-07	2.03E-07	2.07E-07	1.88E-07	8.38E-08	8.18E-08	3.87E-09	9.35E-08	2.06E-08	2.82E-08	4.47E-08	7.69E-09	4.29E-08	2.41E-07
4218	472863.09	3856377.25	3.58E-04	3.66E-04	3.49E-04	1.24E-07	3.74E-07	2.16E-07	2.21E-07	2.01E-07	8.95E-08	8.73E-08	4.13E-09	9.99E-08	2.20E-08	3.01E-08	4.77E-08	8.21E-09	4.58E-08	2.58E-07
4219	473363.09	3856377.25	3.77E-04	3.85E-04	3.67E-04	1.30E-07	3.94E-07	2.28E-07	2.33E-07	2.11E-07	9.42E-08	9.19E-08	4.35E-09	1.05E-07	2.32E-08	3.17E-08	5.02E-08	8.65E-09	4.82E-08	2.71E-07
4220	473863.09	3856377.25	4.09E-04	4.18E-04	3.99E-04	1.41E-07	4.27E-07	2.47E-07	2.53E-07	2.29E-07	1.02E-07	9.98E-08	4.72E-09	1.14E-07	2.52E-08	3.44E-08	5.45E-08	9.39E-09	5.24E-08	2.95E-07
4221	474363.09	3856377.25	4.00E-04	4.10E-04	3.90E-04	1.39E-07	4.18E-07	2.42E-07	2.48E-07	2.25E-07	1.00E-07	9.77E-08	4.63E-09	1.12E-07	2.47E-08	3.37E-08	5.34E-08	9.19E-09	5.13E-08	2.89E-07
4222	474863.09	3856377.25	3.74E-04	3.83E-04	3.65E-04	1.29E-07	3.91E-07	2.26E-07	2.32E-07	2.10E-07	9.36E-08	9.12E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.99E-08	8.59E-09	4.79E-08	2.70E-07
4223	475363.09	3856377.25	2.97E-04	3.04E-04	2.90E-04	1.03E-07	3.11E-07	1.80E-07	1.84E-07	1.67E-07	7.44E-08	7.26E-08	3.44E-09	8.30E-08	1.83E-08	2.50E-08	3.97E-08	6.83E-09	3.81E-08	2.14E-07
4224	475863.09	3856377.25	1.87E-04	1.92E-04	1.83E-04	6.48E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.69E-08	4.57E-08	2.16E-09	5.23E-08	1.15E-08	1.57E-08	2.50E-08	4.30E-09	2.40E-08	1.35E-07
4225	476363.09	3856377.25	1.68E-04	1.72E-04	1.63E-04	5.80E-08	1.75E-07	1.01E-07	1.04E-07	9.41E-08	4.19E-08	4.09E-08	1.94E-09	4.68E-08	1.03E-08	1.41E-08	2.24E-08	3.85E-09	2.15E-08	1.21E-07
4226	476863.09	3856377.25	1.66E-04	1.70E-04	1.62E-04	5.76E-08	1.74E-07	1.01E-07	1.03E-07	9.34E-08	4.16E-08	4.06E-08	1.92E-09	4.65E-08	1.03E-08	1.40E-08	2.22E-08	3.82E-09	2.13E-08	1.20E-07
4227	477363.09	3856377.25	1.74E-04	1.78E-04	1.69E-04	6.01E-08	1.81E-07	1.05E-07	1.08E-07	9.75E-08	4.34E-08	4.24E-08	2.01E-09	4.85E-08	1.07E-08	1.46E-08	2.32E-08	3.99E-09	2.22E-08	1.25E-07
4228	477863.09	3856377.25	1.22E-04	1.24E-04	1.19E-04	4.21E-08	1.27E-07	7.35E-08	7.53E-08	6.82E-08	3.04E-08	2.97E-08	1.40E-09	3.39E-08	7.49E-09	1.02E-08	1.62E-08	2.79E-09	1.56E-08	8.76E-08
4229	478363.09	3856377.25	9.71E-05	9.94E-05	9.47E-05	3.36E-08	1.02E-07	5.88E-08	6.02E-08	5.45E-08	2.43E-08	2.37E-08	1.12E-09	2.71E-08	5.98E-09	8.17E-09	1.30E-08	2.23E-09	1.24E-08	7.00E-08
4230	478863.09	3856377.25	2.32E-04	2.38E-04	2.27E-04	8.04E-08	2.43E-07	1.41E-07	1.44E-07	1.30E-07	5.82E-08	5.67E-08	2.69E-09	6.49E-08	1.43E-08	1.95E-08	3.10E-08	5.34E-09	2.98E-08	1.68E-07
4231	479363.09	3856377.25	3.01E-04	3.08E-04	2.93E-04	1.04E-07	3.14E-07	1.82E-07	1.86E-07	1.69E-07	7.52E-08	7.34E-08	3.47E-09	8.39E-08	1.85E-08	2.53E-08	4.01E-08	6.90E-09	3.85E-08	2.17E-07
4232	479863.09	3856377.25	4.48E-04	4.59E-04	4.37E-04	1.55E-07	4.68E-07	2.71E-07	2.77E-07	2.52E-07	1.12E-07	1.09E-07	5.18E-09	1.25E-07	2.76E-08	3.77E-08	5.98E-08	1.03E-08	5.74E-08	3.23E-07
4233	480363.09	3856377.25	5.75E-04	5.88E-04	5.60E-04	1.99E-07	6.01E-07	3.48E-07	3.56E-07	3.23E-07	1.44E-07	1.40E-07	6.64E-09	1.60E-07	3.54E-08	4.83E-08	7.66E-08	1.32E-08	7.36E-08	4.14E-07
4234	480863.09	3856377.25	6.47E-04	6.63E-04	6.31E-04	2.24E-07	6.77E-07	3.92E-07	4.01E-07	3.63E-07	1.62E-07	1.58E-07	7.48E-09	1.81E-07	3.99E-08	5.44E-08	8.63E-08	1.49E-08	8.29E-08	4.67E-07
4235	481363.09	3856377.25	6.95E-04	7.11E-04	6.77E-04	2.40E-07	7.26E-07	4.20E-07	4.30E-07	3.90E-07	1.74E-07	1.70E-07	8.03E-09	1.94E-07	4.28E-08	5.84E-08	9.27E-08	1.60E-08	8.90E-08	5.01E-07

4236	481863.09	3856377.25	7.22E-04	7.40E-04	7.05E-04	2.50E-07	7.55E-07	4.37E-07	4.47E-07	4.06E-07	1.81E-07	1.76E-07	8.35E-09	2.02E-07	4.45E-08	6.08E-08	9.64E-08	1.66E-08	9.26E-08	5.21E-07
4237	482363.09	3856377.25	7.17E-04	7.34E-04	6.99E-04	2.48E-07	7.49E-07	4.34E-07	4.44E-07	4.02E-07	1.79E-07	1.75E-07	8.29E-09	2.00E-07	4.42E-08	6.03E-08	9.56E-08	1.65E-08	9.18E-08	5.17E-07
4238	482863.09	3856377.25	7.19E-04	7.36E-04	7.01E-04	2.49E-07	7.51E-07	4.35E-07	4.45E-07	4.04E-07	1.80E-07	1.75E-07	8.31E-09	2.01E-07	4.43E-08	6.04E-08	9.59E-08	1.65E-08	9.21E-08	5.18E-07
4239	483363.09	3856377.25	7.34E-04	7.51E-04	7.16E-04	2.54E-07	7.67E-07	4.44E-07	4.54E-07	4.12E-07	1.84E-07	1.79E-07	8.48E-09	2.05E-07	4.52E-08	6.17E-08	9.79E-08	1.69E-08	9.40E-08	5.29E-07
4240	483863.09	3856377.25	7.46E-04	7.64E-04	7.27E-04	2.58E-07	7.80E-07	4.51E-07	4.62E-07	4.19E-07	1.87E-07	1.82E-07	8.62E-09	2.08E-07	4.60E-08	6.27E-08	9.95E-08	1.71E-08	9.56E-08	5.38E-07
4241	484363.09	3856377.25	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.99E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.87E-07	8.83E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.75E-08	9.79E-08	5.51E-07
4242	484863.09	3856377.25	7.86E-04	8.05E-04	7.67E-04	2.72E-07	8.22E-07	4.76E-07	4.87E-07	4.41E-07	1.97E-07	1.92E-07	9.09E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.81E-08	1.01E-07	5.67E-07
4243	485363.09	3856377.25	7.91E-04	8.09E-04	7.71E-04	2.74E-07	8.26E-07	4.78E-07	4.90E-07	4.44E-07	1.98E-07	1.93E-07	9.14E-09	2.21E-07	4.87E-08	6.65E-08	1.05E-07	1.82E-08	1.01E-07	5.70E-07
4244	485863.09	3856377.25	7.79E-04	7.97E-04	7.59E-04	2.69E-07	8.14E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.17E-07	4.80E-08	6.55E-08	1.04E-07	1.79E-08	9.97E-08	5.61E-07
4245	486363.09	3856377.25	7.64E-04	7.82E-04	7.45E-04	2.65E-07	7.99E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.79E-08	5.51E-07
4246	486863.09	3856377.25	7.51E-04	7.69E-04	7.33E-04	2.60E-07	7.85E-07	4.55E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
4247	487363.09	3856377.25	7.51E-04	7.68E-04	7.32E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.21E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.62E-08	6.31E-08	1.00E-07	1.72E-08	9.62E-08	5.41E-07
4248	487863.09	3856377.25	7.59E-04	7.77E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.74E-08	9.72E-08	5.47E-07
4249	488363.09	3856377.25	7.56E-04	7.73E-04	7.37E-04	2.62E-07	7.90E-07	4.57E-07	4.68E-07	4.24E-07	1.89E-07	1.84E-07	8.73E-09	2.11E-07	4.66E-08	6.35E-08	1.01E-07	1.74E-08	9.68E-08	5.45E-07
4250	488863.09	3856377.25	7.74E-04	7.93E-04	7.55E-04	2.68E-07	8.09E-07	4.68E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.95E-09	2.16E-07	4.77E-08	6.51E-08	1.03E-07	1.78E-08	9.92E-08	5.58E-07
4251	489363.09	3856377.25	7.78E-04	7.96E-04	7.58E-04	2.69E-07	8.13E-07	4.70E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	8.99E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.96E-08	5.61E-07
4252	489863.09	3856377.25	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.88E-07	8.88E-09	2.15E-07	4.74E-08	6.46E-08	1.03E-07	1.77E-08	9.85E-08	5.54E-07
4253	490363.09	3856377.25	7.49E-04	7.67E-04	7.31E-04	2.59E-07	7.83E-07	4.53E-07	4.64E-07	4.21E-07	1.87E-07	1.83E-07	8.66E-09	2.09E-07	4.62E-08	6.30E-08	9.99E-08	1.72E-08	9.60E-08	5.40E-07
4254	490863.09	3856377.25	7.21E-04	7.38E-04	7.03E-04	2.50E-07	7.54E-07	4.36E-07	4.47E-07	4.05E-07	1.80E-07	1.76E-07	8.33E-09	2.01E-07	4.44E-08	6.06E-08	9.62E-08	1.66E-08	9.24E-08	5.20E-07
4255	491363.09	3856377.25	6.97E-04	7.13E-04	6.79E-04	2.41E-07	7.28E-07	4.21E-07	4.31E-07	3.91E-07	1.74E-07	1.70E-07	8.05E-09	1.94E-07	4.29E-08	5.86E-08	9.29E-08	1.60E-08	8.92E-08	5.02E-07
4256	491863.09	3856377.25	6.70E-04	6.86E-04	6.53E-04	2.32E-07	7.00E-07	4.05E-07	4.15E-07	3.76E-07	1.68E-07	1.64E-07	7.74E-09	1.87E-07	4.13E-08	5.63E-08	8.94E-08	1.54E-08	8.58E-08	4.83E-07
4257	492363.09	3856377.25	6.36E-04	6.51E-04	6.20E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.59E-07	1.55E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.48E-08	1.46E-08	8.15E-08	4.59E-07
4258	492863.09	3856377.25	5.80E-04	5.93E-04	5.65E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.45E-07	1.42E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.73E-08	1.33E-08	7.43E-08	4.18E-07
4259	493363.09	3856377.25	4.45E-04	4.56E-04	4.34E-04	1.54E-07	4.65E-07	2.69E-07	2.76E-07	2.50E-07	1.11E-07	1.09E-07	5.14E-09	1.24E-07	2.74E-08	3.74E-08	5.94E-08	1.02E-08	5.70E-08	3.21E-07
4260	493863.09	3856377.25	3.75E-04	3.84E-04	3.66E-04	1.30E-07	3.92E-07	2.27E-07	2.32E-07	2.11E-07	9.39E-08	9.15E-08	4.34E-09	1.05E-07	2.31E-08	3.15E-08	5.00E-08	8.61E-09	4.80E-08	2.70E-07
4261	494363.09	3856377.25	2.90E-04	2.96E-04	2.82E-04	1.00E-07	3.03E-07	1.75E-07	1.79E-07	1.63E-07	7.25E-08	7.07E-08	3.35E-09	8.09E-08	1.78E-08	2.44E-08	3.86E-08	6.65E-09	3.71E-08	2.09E-07
4262	494863.09	3856377.25	2.32E-04	2.38E-04	2.26E-04	8.03E-08	2.43E-07	1.40E-07	1.44E-07	1.30E-07	5.81E-08	5.67E-08	2.68E-09	6.48E-08	1.43E-08	1.95E-08	3.10E-08	5.33E-09	2.97E-08	1.67E-07
4263	495363.09	3856377.25	2.03E-04	2.08E-04	1.98E-04	7.02E-08	2.12E-07	1.23E-07	1.26E-07	1.14E-07	5.07E-08	4.95E-08	2.34E-09	5.66E-08	1.25E-08	1.70E-08	2.70E-08	4.66E-09	2.60E-08	1.46E-07
4264	495863.09	3856377.25	2.06E-04	2.11E-04	2.01E-04	7.13E-08	2.15E-07	1.25E-07	1.28E-07	1.16E-07	5.15E-08	5.03E-08	2.38E-09	5.75E-08	1.27E-08	1.73E-08	2.75E-08	4.73E-09	2.64E-08	1.48E-07
4265	496363.09	3856377.25	2.19E-04	2.24E-04	2.13E-04	7.57E-08	2.29E-07	1.32E-07	1.35E-07	1.23E-07	5.47E-08	5.34E-08	2.53E-09	6.11E-08	1.35E-08	1.84E-08	2.92E-08	5.02E-09	2.80E-08	1.58E-07
4266	496863.09	3856377.25	2.46E-04	2.52E-04	2.40E-04	8.52E-08	2.57E-07	1.49E-07	1.52E-07	1.38E-07	6.16E-08	6.01E-08	2.84E-09	6.87E-08	1.52E-08	2.07E-08	3.28E-08	5.65E-09	3.15E-08	1.77E-07
4267	497363.09	3856377.25	2.73E-04	2.79E-04	2.66E-04	9.44E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	6.83E-08	6.66E-08	3.15E-09	7.61E-08	1.68E-08	2.29E-08	3.64E-08	6.26E-09	3.49E-08	1.97E-07
4268	497863.09	3856377.25	3.10E-04	3.17E-04	3.02E-04	1.07E-07	3.24E-07	1.87E-07	1.92E-07	1.74E-07	7.75E-08	7.56E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.13E-08	7.12E-09	3.97E-08	2.23E-07
4269	498363.09	3856377.25	3.56E-04	3.65E-04	3.47E-04	1.23E-07	3.72E-07	2.15E-07	2.21E-07	2.00E-07	8.91E-08	8.69E-08	4.12E-09	9.94E-08	2.19E-08	2.99E-08	4.75E-08	8.18E-09	4.56E-08	2.57E-07
4270	471363.09	3856877.25	2.96E-04	3.03E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.40E-08	7.22E-08	3.42E-09	8.25E-08	1.82E-08	2.49E-08	3.94E-08	6.79E-09	3.79E-08	2.13E-07
4271	471863.09	3856877.25	3.04E-04	3.11E-04	2.96E-04	1.05E-07	3.18E-07	1.84E-07	1.88E-07	1.71E-07	7.60E-08	7.42E-08	3.51E-09	8.48E-08	1.87E-08	2.55E-08	4.05E-08	6.98E-09	3.89E-08	2.19E-07
4272	472363.09	3856877.25	3.20E-04	3.28E-04	3.12E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.02E-08	7.82E-08	3.70E-09	8.94E-08	1.97E-08	2.69E-08	4.27E-08	7.36E-09	4.10E-08	2.31E-07
4273	472863.09	3856877.25	3.35E-04	3.43E-04	3.27E-04	1.16E-07	3.50E-07	2.03E-07	2.08E-07	1.88E-07	8.39E-08	8.18E-08	3.87E-09	9.36E-08	2.07E-08	2.82E-08	4.47E-08	7.70E-09	4.29E-08	2.42E-07
4274	473363.09	3856877.25	3.63E-04	3.72E-04	3.54E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.09E-08	8.87E-08	4.20E-09	1.01E-07	2.24E-08	3.06E-08	4.85E-08	8.35E-09	4.65E-08	2.62E-07
4275	473863.09	3856877.25	3.79E-04	3.88E-04	3.70E-04	1.31E-07	3.96E-07	2.30E-07	2.35E-07	2.13E-07	9.49E-08	9.26E-08	4.38E-09	1.06E-07	2.34E-08	3.19E-08	5.06E-08	8.71E-09	4.86E-08	2.73E-07
4276	474363.09	3856877.25	3.70E-04	3.79E-04	3.61E-04	1.28E-07	3.87E-07	2.24E-07	2.29E-07	2.08E-07	9.26E-08	9.03E-08	4.28E-09	1.03E-07	2.28E-08	3.11E-08	4.94E-08	8.50E-09	4.74E-08	2.67E-07
4277	474863.09	3856877.25	3.46E-04	3.55E-04	3.38E-04	1.20E-07	3.62E-07	2.10E-07	2.15E-07	1.94E-07	8.67E-08	8.46E-08	4.00E-09	9.67E-08	2.13E-08	2.91E-08	4.62E-08	7.96E-09	4.44E-08	2.50E-07
4278	475363.09	3856877.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.21E-08	3.41E-09	8.25E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
4279	475863.09	3856877.25	2.88E-04	2.95E-04	2.81E-04	9.98E-08	3.01E-07	1.74E-07	1.79E-07	1.62E-07	7.22E-08	7.04E-08	3.33E-09	8.05E-08	1.78E-08	2.43E-08	3.85E-08	6.62E-09	3.69E-08	2.08E-07
4280	476363.09	3856877.25	2.45E-04	2.50E-04	2.39E-04	8.47E-08	2.56E-07	1.48E-07	1.51E-07	1.37E-07	6.12E-08	5.97E-08	2.83E-09	6.83E-08	1.51E-08	2.06E-08	3.26E-08	5.62E-09	3.13E-08	1.76E-07
4281	476863.09	3856877.25	2.29E-04	2.34E-04	2.23E-04	7.91E-08	2.39E-07	1.38E-07	1.42E-07	1.28E-07	5.72E-08	5.58E-08	2.64E-09	6.38E-08	1.41E-08	1.92E-08	3.05E-08	5.25E-09	2.93E-08	1.65E-07
4282	477363.09	3856877.25	1.90E-04	1.95E-04	1.86E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.76E-08	4.64E-08	2.20E-09	5.31E-08	1.17E-08	1.60E-08	2.54E-08	4.37E-09	2.44E-08	1.37E-07
4283	477863.09	3856877.25	1.09E-04	1.12E-04	1.07E-04	3.78E-08	1.14E-07	6.62E-08	6.77E-08	6.14E-08	2.74E-08	2.67E-08	1.26E-09	3.05E-08	6.74E-09	9.19E-09	1.46E-08	2.51E-09	1.40E-08	7.88E-08
4284	478363.09	3856877.25	8.69E-05	8.90E-05	8.48E-05	3.01E-08	9.08E-08	5.26E-08	5.38E-08	4.88E-08	2.18E-08	2.12E-08	1.00E-09	2.43E-08	5.36E-09	7.31E-09	1.16E-08	2.00E-09	1.11E-08	6.27E-08
4285	478863.09	3856877.25	1.16E-04	1.19E-04	1.13E-04	4.02E-08	1.21E-07	7.02E-08	7.19E-08	6.52E-08	2.90E-08	2.83E-08	1.34E-09	3.24E-08	7.15E-09	9.76E-09	1.55E-08	2.67E-09	1.49E-08	8.37E-08
4286	479363.09	3856877.25	1.66E-04	1.70E-04	1.62E-04	5.73E-08	1.73E-07	1.00E-07	1.03E-07	9.30E-08	4.14E-08	4.04E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.80E-09	2.12E-08	1.19E-07
4287	479863.09	3856877.25	3.91E-04	4.00E-04	3.81E-04	1.35E-07	4.08E-07	2.36E-07	2.42E-07	2.19E-07	9.77E-08	9.53E-08	4.51E-09	1.09E-07	2.41E-08	3.28E-08	5.21E-08	8.97E-09	5.00E-08	2.82E-07
4288	480363.09	3856877.25	5.13E-04	5.25E-04	5.00E-04	1.77E-07	5.36E-07	3.10E-07	3.17E-07	2.88E-07	1.28E-07	1.25E-07	5.92E-09	1.43E-07	3.16E-08	4.31E-08	6.84E-08	1.18E-08	6.57E-08	3.70E-07
4289	480863.09	3856877.25	5.95E-04	6.10E-04	5.81E-04	2.06E-07	6.22E-07	3.60E-07	3.69E-07	3.34E-07	1.49E-07	1.45E-07	6.88E-09	1.66E-07	3.67E-08	5.01E-08	7.94E-08	1.37E-08	7.63E-08	4.29E-07
4290	481363.09	3856877.25	6.34E-04	6.49E-04	6.18E-04	2.19E-07	6.62E-07	3.84E-07	3.93E-07	3.56E-07	1.59E-07	1.55E-07	7.33E-09	1.77E-07	3.91E-08	5.33E-08	8.46E-08	1.46E-08	8.12E-08	4.57E-07
4291	481863.09	3856877.25	6.55E-04	6.71E-04	6.39E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.64E-07	1.60E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.74E-08	1.50E-08	8.39E-08	4.72E-07
4292	482363.09	3856877.25	6.53E-04	6.69E-04	6.37E-04	2.26E-07	6.83E-07	3.95E-07	4.05E-07	3.67E-07	1.64E-07	1.60E-07	7.55E-09	1.82E-07	4.03E-08	5.50E-08	8.72E-08	1.50E-08	8.37E-08	4.71E-07
4293	482863.09	3856877.25	6.51E-04	6.66E-04	6.35E-04	2.25E-07	6.80E-07	3.94E-07	4.03E-07	3.66E-07	1.63E-07	1.59E-07	7.53E-09	1.82E-07	4.01E-08	5.47E-08	8.68E-08	1.50E-08	8.34E-08	4.69E-07
4294	483363.09	3856877.25	6.60E-04	6.76E-04	6.44E-04	2.28E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.65E-07	1.61E-07	7.63E-09	1.84E-07	4.07E-08	5.55E-08	8.80E-08	1.52E-08	8.45E-08	4.76E-07
4295	483863.09	3856877.25	6.68E-04	6.84E-04	6.52E-04	2.31E-07	6.99E-07	4.04E-07	4.14E-07	3.75E-07	1.67E-07	1.63E-07	7.73E-09	1.87E-07	4.12E-08	5.62E-08	8.92E-08	1.54E-08	8.56E-08	4.82E-07
4296	484363.09	3856877.25	6.81E-04	6.97E-04	6.64E-04	2.36E-07	7.11E-07	4.12E-07	4.22E-07	3.82E-07	1.70E-07	1.66E-07	7.87E-09	1.90E-07	4.19E-08	5.72E-08	9.08E-08	1.56E-08	8.72E-08	4.91E-07
4297	484863.09	3856877.25	7.11E-04	7.28E-04	6.94E-04	2.46E-07	7.43E-07	4.30E-07	4.41E-07	3.99E-07	1.78E-07	1.74E-07	8.22E-09	1.99E-07	4.38E-08	5.98E-08	9.49E-08	1.63E-08	9.11E-08	5.13E-07
4298	485363.09	3856877.25	7.46E-04	7.64E-04	7.28E-04	2.58E-07	7.80E-07	4.52E-07	4.62E-07	4.19E-07	1.87E-07	1.82E-07	8.63E-09	2.08E-07	4.60E-08	6.28E-08	9.96E-08	1.71E-08	9.56E-08	5.38E-07
4299	485863.09	3856877.25	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.69E-08	6.40E-08	1.01E-07	1.75E-08	9.75E-08	5.49E-07
4300	486363.09	3856877.25	7.12E-04	7.29E-04	6.95E-04	2.47E-07	7.44E-07	4.31E-07	4.41E-07	4.00E-07	1.78E-07	1.74E-07	8.23E-09	1.99E-07	4.39E-08	5.99E-08	9.50E-08	1.64E-08	9.12E-08	5.14E-07
4301	486863.09	3856877.25	7.45E-04	7.62E-04	7.26E-04	2.58E-07	7.78E-07	4.51E-07	4.61E-07	4.18E-07	1.86E-07	1.82E-07	8.61E-09	2.08E-07	4.59E-08	6.26E-08	9.93E-08	1.71E-08	9.54E-08	5.37E-07
4302	487363.09	3856877.25	7.65E-04	7.83E-04	7.46E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.14E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.80E-08	5.51E-07
4303	487863.09	3856877.25	7.76E-04	7.94E-04	7.57E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.78E-08	9.94E-08	5.59E-07
4304	488363.09	3856877.25	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.93E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.55E-07
4305	488863.09	3856877.25	7.58E-04	7.76E-04	7.39E-04	2.62E-07	7.92E-07	4.59E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
4306	489363.09	3856877.25	7.57E-04	7.75E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.69E-07	4.25E-07	1.89E-07	1.85E-07	8.75E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.70E-08	5.46E-07
4307	489863.09	3856877.25	7.51E-04	7.69E-04	7.33E-04	2.60E-07	7.85E-07	4.54E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.68E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.62E-08	5.42E-07
4308	490363.09	3856877.25	7.35E-04	7.52E-04	7.17E-04	2.54E-07	7.68E-07	4.45E-07	4.55E-07	4.12E-07	1.84E-07	1.79E-07	8.49E-09	2.05E-07	4.53E-08	6.18E-08	9.80E-08	1.69E-08	9.41E-08	5.30E-07
4309	490863.09	3856877.25	7.24E-04	7.41E-04	7.06E-04	2.51E-07	7.56E-07	4.38E-07	4.48E-07	4.06E-07	1.81E-07	1.77E-07	8.37E-09	2.02E-07	4.46E-08	6.09E-08	9.65E-08	1.66E-08	9.27E-08	5.22E-07
4310	491363.09	3856877.25	7.02E-04	7.18E-04	6.84E-04	2.43E-07	7.33E-07	4.24E-07	4.35E-07	3.94E-07	1.76E-07	1.71E-07	8.11E-09	1.96E-07	4.32E-08	5.90E-08	9.36E-08	1.61E-08	8.99E-08	5.06E-07
4311	491863.09	3856877.25	6.78E-04	6.94E-04	6.61E-04	2.35E-07	7.09E-07	4.10E-07	4.20E-07	3.81E-07	1.70E-07	1.66E-07	7.84E-09	1.89E-07	4.18E-08	5.70E-08	9.05E-08	1.56E-08	8.69E-08	4.89E-07
4312	492363.09	3856877.25	6.01E-04	6.15E-04	5.86E-04	2.08E-07	6.28E-07	3.64E-07	3.72E-07	3.37E-07	1.50E-07	1.47E-07	6.95E-09	1.68E-07	3.70E-08	5.05E-08	8.02E-08	1.38E-08	7.70E-08	4.33E-07
4313	492863.09	3856877.25	5.34E-04	5.46E-04	5.21E-04	1.85E-07	5.58E-07	3.23E-07	3.31E-07	3.00E-07	1.34E-07	1.30E-07	6.17E-09	1.49E-07	3.29E-08	4.49E-08	7.12E-08	1.23E-08	6.84E-08	3.85E-07
4314	493363.09	3856877.25	4.47E-04	4.57E-04	4.36E-04	1.55E-07	4.67E-07	2.70E-07	2.77E-07	2.51E-07	1.12E-07	1.09E-07	5.16E-09	1.25E-07	2.75E-08	3.76E-08	5.96E-08	1.03E-08	5.72E-08	3.22E-07
4315	493863.09	3856877.25	3.43E-04	3.52E-04	3.35E-04	1.19E-07	3.59E-07	2.08E-07	2.13E-07	1.93E-07	8.60E-08	8.38E-08	3.97E-09	9.59E-08	2.12E-08	2.89E-08	4.58E-08	7.89E-09	4.40E-08	2.48E-07
4316	494363.09	3856877.25	2.68E-04	2.75E-04	2.62E-04	9.28E-08	2.80E-07	1.62E-07	1.66E-07	1.51E-07	6.71E-08	6.55E-08	3.10E-09	7.49E-08	1.65E-08	2.26E-08	3.58E-08	6.16E-09	3.44E-08	1.93E-07
4317	494863.09	3856877.25	2.44E-04	2.50E-04	2.38E-04	8.46E-08	2.55E-07	1.48E-07	1.51E-07	1.37E-07	6.11E-08	5.96E-08	2.82E-09	6.82E-08	1.51E-08	2.05E-08	3.26E-08	5.61E-09	3.13E-08	1.76E-07
4318	495363.09	3856877.25	2.37E-04	2.42E-04	2.31E-04	8.19E-08	2.47E-07	1.43E-07	1.47E-07	1.33E-07	5.92E-08	5.78E-08	2.73E-09	6.61E-08	1.46E-08	1.99E-08	3.16E-08	5.43E-09	3.03E-08	1.71E-07
4319	495863.09	3856877.25	2.46E-04	2.52E-04	2.40E-04	8.51E-08	2.57E-07	1.49E-07	1.52E-07	1.38E-07	6.15E-08	6.00E-08	2.84E-09	6.86E-08	1.51E-08	2.07E-08	3.28E-08	5.65E-09	3.15E-08	1.77E-07
4320	496363.09	3856877.25	2.58E-04	2.64E-04	2.51E-04	8.92E-08	2.69E-07	1.56E-07	1.60E-07	1.45E-07	6.45E-08	6.29E-08	2.98E-09	7.20E-08	1.59E-08	2.17E-08	3.44E-08	5.92E-09	3.30E-08	1.86E-07
4321	496863.09	3856877.25	2.78E-04	2.84E-04	2.71E-04	9.62E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	6.96E-08	6.78E-08	3.21E-09	7.76E-08	1.71E-08	2.34E-08	3.71E-08	6.38E-09	3.56E-08	2.00E-07
4322	497363.09	3856877.25	3.08E-04	3.15E-04	3.00E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.73E-07	7.70E-08	7.51E-08	3.56E-09	8.59E-08	1.90E-08	2.59E-08	4.10E-08	7.06E-09	3.94E-08	2.22E-07
4323	497863.09	3856877.25	3.60E-04	3.69E-04	3.51E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.01E-08	8.79E-08	4.16E-09	1.01E-07	2.22E-08	3.03E-08	4.80E-08	8.27E-09	4.61E-08	2.60E-07
4324	498363.09	3856877.25	4.22E-04	4.32E-04	4.11E-04	1.46E-07	4.41E-07	2.55E-07	2.61E-07	2.37E-07	1.06E-07	1.03E-07	4.88E-09	1.18E-07	2.60E-08	3.55E-08	5.63E-08	9.69E-09	5.40E-08	3.04E-07
4325	471363.09	3857377.25	2.89E-04	2.96E-04	2.82E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.62E-07	7.23E-08	7.05E-08	3.34E-09	8.07E-08	1.78E-08	2.43E-08	3.85E-08	6.64E-09	3.70E-08	2.08E-07
4326	471863.09	3857377.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.21E-08	3.41E-09	8.25E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
4327	472363.09	3857377.25	3.07E-04	3.14E-04	2.99E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.68E-08	7.49E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.09E-08	7.05E-09	3.93E-08	2.21E-07
4328	472863.09	3857377.25	3.21E-04	3.28E-04	3.13E-04	1.11E-07	3.35E-07	1.94E-07	1.99E-07	1.80E-07	8.03E-08	7.83E-08	3.71E-09	8.96E-08	1.98E-08	2.70E-08	4.28E-08	7.37E-09	4.11E-08	2.31E-07
4329	473363.09	3857377.25	3.39E-04	3.47E-04	3.31E-04	1.18E-07	3.55E-07	2.05E-07	2.10E-07	1.91E-07	8.50E-08	8.29E-08	3.92E-09	9.48E-08	2.09E-08	2.85E-08	4.53E-08	7.80E-09	4.35E-08	2.45E-07
4330	473863.09	3857377.25	3.62E-04	3.71E-04	3.53E-04	1.25E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.07E-08	8.84E-08	4.19E-09	1.01E-07	2.23E-08	3.05E-08	4.83E-08	8.32E-09	4.64E-08	2.61E-07
4331	474363.09	3857377.25	3.45E-04	3.53E-04	3.37E-04	1.19E-07	3.61E-07	2.09E-07	2.14E-07	1.94E-07	8.64E-08	8.43E-08	3.99E-09	9.64E-08	2.13E-08	2.90E-08	4.60E-08	7.93E-09	4.42E-08	2.49E-07
4332	474863.09	3857377.25	2.74E-04	2.81E-04	2.68E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.87E-08	6.70E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.30E-09	3.52E-08	1.98E-07
4333	475363.09	3857377.25	1.83E-04	1.88E-04	1.79E-04	6.35E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.59E-08	4.47E-08	2.12E-09	5.12E-08	1.13E-08	1.54E-08	2.45E-08	4.21E-09	2.35E-08	1.32E-07
4334	475863.09	3857377.25	1.63E-04	1.66E-04	1.59E-04	5.63E-08	1.70E-07	9.84E-08	1.01E-07	9.13E-08	4.07E-08	3.97E-08	1.88E-09	4.54E-08	1.00E-08	1.37E-08	2.17E-08	3.74E-09	2.08E-08	1.17E-07
4335	476363.09	3857377.25	2.15E-04	2.21E-04	2.10E-04	7.46E-08	2.25E-07	1.30E-07	1.33E-07	1.21E-07	5.39E-08	5.26E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.87E-08	4.95E-09	2.76E-08	1.55E-07
4336	476863.09	3857377.25	2.25E-04	2.30E-04	2.19E-04	7.78E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.62E-08	5.48E-08	2.60E-09	6.27E-08	1.38E-08	1.89E-08	3.00E-08	5.16E-09	2.88E-08	1.62E-07

4337	477363.09	3857377.25	1.89E-04	1.93E-04	1.84E-04	6.53E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.72E-08	4.61E-08	2.18E-09	5.27E-08	1.16E-08	1.59E-08	2.52E-08	4.34E-09	2.42E-08	1.36E-07
4338	477863.09	3857377.25	1.28E-04	1.31E-04	1.24E-04	4.41E-08	1.33E-07	7.72E-08	7.90E-08	7.16E-08	3.19E-08	3.11E-08	1.47E-09	3.56E-08	7.86E-09	1.07E-08	1.70E-08	2.93E-09	1.63E-08	9.19E-08
4339	478363.09	3857377.25	8.42E-05	8.62E-05	8.21E-05	2.91E-08	8.80E-08	5.09E-08	5.21E-08	4.73E-08	2.11E-08	2.05E-08	9.73E-10	2.35E-08	5.19E-09	7.08E-09	1.12E-08	1.93E-09	1.08E-08	6.07E-08
4340	478863.09	3857377.25	6.55E-05	6.70E-05	6.39E-05	2.27E-08	6.85E-08	3.96E-08	4.06E-08	3.68E-08	1.64E-08	1.60E-08	7.57E-10	1.83E-08	4.04E-09	5.51E-09	8.74E-09	1.50E-09	8.39E-09	4.72E-08
4341	479363.09	3857377.25	1.19E-04	1.22E-04	1.16E-04	4.13E-08	1.25E-07	7.22E-08	7.39E-08	6.70E-08	2.99E-08	2.91E-08	1.38E-09	3.33E-08	7.35E-09	1.00E-08	1.59E-08	2.74E-09	1.53E-08	8.60E-08
4342	479863.09	3857377.25	3.24E-04	3.32E-04	3.16E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.12E-08	7.91E-08	3.75E-09	9.05E-08	2.00E-08	2.73E-08	4.33E-08	7.45E-09	4.15E-08	2.34E-07
4343	480363.09	3857377.25	2.66E-04	2.72E-04	2.59E-04	9.20E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.65E-08	6.49E-08	3.07E-09	7.42E-08	1.64E-08	2.23E-08	3.54E-08	6.10E-09	3.40E-08	1.92E-07
4344	480863.09	3857377.25	5.44E-04	5.57E-04	5.31E-04	1.88E-07	5.69E-07	3.29E-07	3.37E-07	3.06E-07	1.36E-07	1.33E-07	6.29E-09	1.52E-07	3.35E-08	4.58E-08	7.26E-08	1.25E-08	6.97E-08	3.92E-07
4345	481363.09	3857377.25	5.44E-04	5.57E-04	5.31E-04	1.88E-07	5.69E-07	3.29E-07	3.37E-07	3.06E-07	1.36E-07	1.33E-07	6.29E-09	1.52E-07	3.35E-08	4.58E-08	7.26E-08	1.25E-08	6.97E-08	3.92E-07
4346	481863.09	3857377.25	5.77E-04	5.90E-04	5.63E-04	2.00E-07	6.03E-07	3.49E-07	3.57E-07	3.24E-07	1.44E-07	1.41E-07	6.67E-09	1.61E-07	3.55E-08	4.85E-08	7.69E-08	1.32E-08	7.39E-08	4.16E-07
4347	482363.09	3857377.25	6.04E-04	6.18E-04	5.89E-04	2.09E-07	6.31E-07	3.66E-07	3.74E-07	3.39E-07	1.51E-07	1.47E-07	6.98E-09	1.69E-07	3.72E-08	5.08E-08	8.06E-08	1.39E-08	7.74E-08	4.36E-07
4348	482863.09	3857377.25	6.11E-04	6.25E-04	5.96E-04	2.11E-07	6.39E-07	3.70E-07	3.78E-07	3.43E-07	1.53E-07	1.49E-07	7.06E-09	1.71E-07	3.76E-08	5.14E-08	8.15E-08	1.40E-08	7.83E-08	4.40E-07
4349	483363.09	3857377.25	6.24E-04	6.39E-04	6.08E-04	2.16E-07	6.52E-07	3.77E-07	3.86E-07	3.50E-07	1.56E-07	1.52E-07	7.21E-09	1.74E-07	3.84E-08	5.25E-08	8.32E-08	1.43E-08	7.99E-08	4.50E-07
4350	483863.09	3857377.25	6.38E-04	6.53E-04	6.22E-04	2.21E-07	6.67E-07	3.86E-07	3.95E-07	3.58E-07	1.60E-07	1.56E-07	7.38E-09	1.78E-07	3.93E-08	5.37E-08	8.51E-08	1.47E-08	8.17E-08	4.60E-07
4351	484363.09	3857377.25	6.43E-04	6.58E-04	6.27E-04	2.23E-07	6.72E-07	3.89E-07	3.98E-07	3.61E-07	1.61E-07	1.57E-07	7.44E-09	1.80E-07	3.96E-08	5.41E-08	8.58E-08	1.48E-08	8.24E-08	4.64E-07
4352	484863.09	3857377.25	6.59E-04	6.74E-04	6.42E-04	2.28E-07	6.89E-07	3.99E-07	4.08E-07	3.70E-07	1.65E-07	1.61E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.79E-08	1.51E-08	8.44E-08	4.75E-07
4353	485363.09	3857377.25	6.87E-04	7.03E-04	6.70E-04	2.38E-07	7.18E-07	4.15E-07	4.25E-07	3.85E-07	1.72E-07	1.68E-07	7.94E-09	1.92E-07	4.23E-08	5.77E-08	9.16E-08	1.58E-08	8.80E-08	4.95E-07
4354	485863.09	3857377.25	7.29E-04	7.46E-04	7.11E-04	2.52E-07	7.62E-07	4.41E-07	4.52E-07	4.09E-07	1.83E-07	1.78E-07	8.43E-09	2.04E-07	4.49E-08	6.13E-08	9.73E-08	1.67E-08	9.34E-08	5.26E-07
4355	486363.09	3857377.25	7.76E-04	7.95E-04	7.57E-04	2.69E-07	8.11E-07	4.70E-07	4.81E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.53E-08	1.04E-07	1.78E-08	9.94E-08	5.60E-07
4356	486863.09	3857377.25	7.49E-04	7.67E-04	7.30E-04	2.59E-07	7.83E-07	4.53E-07	4.64E-07	4.20E-07	1.87E-07	1.83E-07	8.66E-09	2.09E-07	4.61E-08	6.30E-08	9.99E-08	1.72E-08	9.59E-08	5.40E-07
4357	487363.09	3857377.25	7.99E-04	8.18E-04	7.79E-04	2.77E-07	8.35E-07	4.84E-07	4.95E-07	4.49E-07	2.00E-07	1.95E-07	9.24E-09	2.23E-07	4.92E-08	6.72E-08	1.07E-07	1.84E-08	1.02E-07	5.76E-07
4358	487863.09	3857377.25	8.53E-04	8.73E-04	8.32E-04	2.95E-07	8.92E-07	5.16E-07	5.28E-07	4.79E-07	2.14E-07	2.08E-07	9.86E-09	2.38E-07	5.26E-08	7.17E-08	1.14E-07	1.96E-08	1.09E-07	6.15E-07
4359	488363.09	3857377.25	8.67E-04	8.88E-04	8.46E-04	3.00E-07	9.06E-07	5.25E-07	5.37E-07	4.87E-07	2.17E-07	2.12E-07	1.00E-08	2.42E-07	5.34E-08	7.29E-08	1.16E-07	1.99E-08	1.11E-07	6.25E-07
4360	488863.09	3857377.25	8.65E-04	8.85E-04	8.44E-04	2.99E-07	9.04E-07	5.23E-07	5.36E-07	4.86E-07	2.16E-07	2.11E-07	1.00E-08	2.42E-07	5.33E-08	7.27E-08	1.15E-07	1.99E-08	1.11E-07	6.24E-07
4361	489363.09	3857377.25	8.22E-04	8.42E-04	8.02E-04	2.85E-07	8.60E-07	4.98E-07	5.09E-07	4.62E-07	2.06E-07	2.01E-07	9.51E-09	2.30E-07	5.07E-08	6.92E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
4362	489863.09	3857377.25	7.86E-04	8.05E-04	7.67E-04	2.72E-07	8.22E-07	4.76E-07	4.87E-07	4.42E-07	1.97E-07	1.92E-07	9.09E-09	2.20E-07	4.85E-08	6.61E-08	1.05E-07	1.81E-08	1.01E-07	5.67E-07
4363	490363.09	3857377.25	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.02E-07	4.64E-07	4.75E-07	4.31E-07	1.92E-07	1.87E-07	8.87E-09	2.14E-07	4.73E-08	6.45E-08	1.02E-07	1.76E-08	9.83E-08	5.53E-07
4364	490863.09	3857377.25	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.82E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.50E-07
4365	491363.09	3857377.25	7.70E-04	7.88E-04	7.51E-04	2.66E-07	8.04E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.86E-08	5.55E-07
4366	491863.09	3857377.25	7.43E-04	7.60E-04	7.24E-04	2.57E-07	7.76E-07	4.49E-07	4.60E-07	4.17E-07	1.86E-07	1.81E-07	8.58E-09	2.07E-07	4.58E-08	6.25E-08	9.91E-08	1.71E-08	9.51E-08	5.35E-07
4367	492363.09	3857377.25	6.33E-04	6.48E-04	6.17E-04	2.19E-07	6.61E-07	3.83E-07	3.92E-07	3.55E-07	1.58E-07	1.54E-07	7.31E-09	1.77E-07	3.90E-08	5.32E-08	8.44E-08	1.45E-08	8.10E-08	4.56E-07
4368	492863.09	3857377.25	5.27E-04	5.40E-04	5.14E-04	1.83E-07	5.51E-07	3.19E-07	3.27E-07	2.96E-07	1.32E-07	1.29E-07	6.09E-09	1.47E-07	3.25E-08	4.43E-08	7.03E-08	1.21E-08	6.75E-08	3.80E-07
4369	493363.09	3857377.25	4.11E-04	4.20E-04	4.01E-04	1.42E-07	4.29E-07	2.48E-07	2.54E-07	2.31E-07	1.03E-07	1.00E-07	4.75E-09	1.15E-07	2.53E-08	3.45E-08	5.48E-08	9.43E-09	5.26E-08	2.96E-07
4370	493863.09	3857377.25	3.71E-04	3.80E-04	3.62E-04	1.29E-07	3.88E-07	2.25E-07	2.30E-07	2.08E-07	9.29E-08	9.06E-08	4.29E-09	1.04E-07	2.29E-08	3.12E-08	4.95E-08	8.53E-09	4.76E-08	2.68E-07
4371	494363.09	3857377.25	3.32E-04	3.40E-04	3.24E-04	1.15E-07	3.47E-07	2.01E-07	2.06E-07	1.86E-07	8.31E-08	8.10E-08	3.84E-09	9.27E-08	2.05E-08	2.79E-08	4.43E-08	7.62E-09	4.25E-08	2.39E-07
4372	494863.09	3857377.25	3.22E-04	3.30E-04	3.14E-04	1.11E-07	3.37E-07	1.95E-07	1.99E-07	1.81E-07	8.06E-08	7.86E-08	3.72E-09	8.99E-08	1.98E-08	2.71E-08	4.30E-08	7.40E-09	4.13E-08	2.32E-07
4373	495363.09	3857377.25	3.15E-04	3.22E-04	3.07E-04	1.09E-07	3.29E-07	1.91E-07	1.95E-07	1.77E-07	7.88E-08	7.69E-08	3.64E-09	8.80E-08	1.94E-08	2.65E-08	4.20E-08	7.24E-09	4.04E-08	2.27E-07
4374	495863.09	3857377.25	3.24E-04	3.32E-04	3.16E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.12E-08	7.91E-08	3.75E-09	9.05E-08	2.00E-08	2.73E-08	4.33E-08	7.45E-09	4.15E-08	2.34E-07
4375	496363.09	3857377.25	3.36E-04	3.44E-04	3.28E-04	1.16E-07	3.51E-07	2.03E-07	2.08E-07	1.89E-07	8.41E-08	8.21E-08	3.89E-09	9.39E-08	2.07E-08	2.83E-08	4.49E-08	7.72E-09	4.31E-08	2.42E-07
4376	496863.09	3857377.25	3.51E-04	3.59E-04	3.42E-04	1.21E-07	3.67E-07	2.12E-07	2.17E-07	1.97E-07	8.78E-08	8.56E-08	4.05E-09	9.79E-08	2.16E-08	2.95E-08	4.68E-08	8.05E-09	4.49E-08	2.53E-07
4377	497363.09	3857377.25	3.79E-04	3.87E-04	3.69E-04	1.31E-07	3.96E-07	2.29E-07	2.34E-07	2.13E-07	9.47E-08	9.24E-08	4.38E-09	1.06E-07	2.33E-08	3.18E-08	5.05E-08	8.69E-09	4.85E-08	2.73E-07
4378	497863.09	3857377.25	4.21E-04	4.31E-04	4.10E-04	1.46E-07	4.40E-07	2.55E-07	2.61E-07	2.36E-07	1.05E-07	1.03E-07	4.87E-09	1.18E-07	2.59E-08	3.54E-08	5.61E-08	9.67E-09	5.39E-08	3.03E-07
4379	498363.09	3857377.25	5.15E-04	5.27E-04	5.03E-04	1.78E-07	5.39E-07	3.12E-07	3.19E-07	2.89E-07	1.29E-07	1.26E-07	5.96E-09	1.44E-07	3.17E-08	4.33E-08	6.87E-08	1.18E-08	6.60E-08	3.71E-07
4380	471363.09	3857877.25	2.77E-04	2.83E-04	2.70E-04	9.59E-08	2.89E-07	1.68E-07	1.72E-07	1.55E-07	6.93E-08	6.76E-08	3.20E-09	7.73E-08	1.71E-08	2.33E-08	3.69E-08	6.36E-09	3.55E-08	2.00E-07
4381	471863.09	3857877.25	2.85E-04	2.91E-04	2.78E-04	9.85E-08	2.98E-07	1.72E-07	1.76E-07	1.60E-07	7.12E-08	6.95E-08	3.29E-09	7.95E-08	1.75E-08	2.39E-08	3.80E-08	6.54E-09	3.65E-08	2.05E-07
4382	472363.09	3857877.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.08E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.20E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
4383	472863.09	3857877.25	3.12E-04	3.19E-04	3.04E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.81E-08	7.62E-08	3.61E-09	8.71E-08	1.92E-08	2.62E-08	4.16E-08	7.17E-09	4.00E-08	2.25E-07
4384	473363.09	3857877.25	3.23E-04	3.31E-04	3.15E-04	1.12E-07	3.38E-07	1.95E-07	2.00E-07	1.81E-07	8.08E-08	7.88E-08	3.73E-09	9.02E-08	1.99E-08	2.72E-08	4.31E-08	7.42E-09	4.14E-08	2.33E-07
4385	473863.09	3857877.25	3.39E-04	3.47E-04	3.30E-04	1.17E-07	3.54E-07	2.05E-07	2.10E-07	1.90E-07	8.48E-08	8.27E-08	3.92E-09	9.46E-08	2.09E-08	2.85E-08	4.52E-08	7.78E-09	4.34E-08	2.44E-07
4386	474363.09	3857877.25	3.16E-04	3.24E-04	3.08E-04	1.09E-07	3.31E-07	1.91E-07	1.96E-07	1.78E-07	7.92E-08	7.72E-08	3.66E-09	8.83E-08	1.95E-08	2.66E-08	4.22E-08	7.26E-09	4.05E-08	2.28E-07
4387	474863.09	3857877.25	2.45E-04	2.50E-04	2.39E-04	8.47E-08	2.56E-07	1.48E-07	1.51E-07	1.37E-07	6.12E-08	5.97E-08	2.83E-09	6.83E-08	1.51E-08	2.06E-08	3.26E-08	5.62E-09	3.13E-08	1.76E-07
4388	475363.09	3857877.25	1.29E-04	1.32E-04	1.25E-04	4.45E-08	1.34E-07	7.78E-08	7.96E-08	7.21E-08	3.22E-08	3.14E-08	1.49E-09	3.59E-08	7.92E-09	1.08E-08	1.71E-08	2.95E-09	1.65E-08	9.26E-08
4389	475863.09	3857877.25	4.48E-05	4.59E-05	4.37E-05	1.55E-08	4.69E-08	2.71E-08	2.78E-08	2.52E-08	1.12E-08	1.09E-08	5.18E-10	1.25E-08	2.76E-09	3.77E-09	5.98E-09	1.03E-09	5.74E-09	3.23E-08
4390	476363.09	3857877.25	1.42E-04	1.45E-04	1.38E-04	4.91E-08	1.48E-07	8.57E-08	8.78E-08	7.96E-08	3.55E-08	3.46E-08	1.64E-09	3.96E-08	8.73E-09	1.19E-08	1.89E-08	3.25E-09	1.82E-08	1.02E-07
4391	476863.09	3857877.25	1.76E-04	1.80E-04	1.72E-04	6.10E-08	1.84E-07	1.07E-07	1.09E-07	9.90E-08	4.41E-08	4.30E-08	2.04E-09	4.92E-08	1.09E-08	1.48E-08	2.35E-08	4.05E-09	2.26E-08	1.27E-07
4392	477363.09	3857877.25	1.68E-04	1.72E-04	1.64E-04	5.83E-08	1.76E-07	1.02E-07	1.04E-07	9.45E-08	4.21E-08	4.11E-08	1.95E-09	4.70E-08	1.04E-08	1.42E-08	2.25E-08	3.87E-09	2.16E-08	1.21E-07
4393	477863.09	3857877.25	1.55E-04	1.59E-04	1.51E-04	5.37E-08	1.62E-07	9.39E-08	9.61E-08	8.71E-08	3.88E-08	3.79E-08	1.79E-09	4.33E-08	9.56E-09	1.30E-08	2.07E-08	3.56E-09	1.99E-08	1.12E-07
4394	478363.09	3857877.25	6.97E-05	7.14E-05	6.80E-05	2.41E-08	7.29E-08	4.22E-08	4.32E-08	3.92E-08	1.75E-08	1.70E-08	8.06E-10	1.95E-08	4.30E-09	5.86E-09	9.30E-09	1.60E-09	8.93E-09	5.03E-08
4395	478863.09	3857877.25	5.25E-05	5.38E-05	5.13E-05	1.82E-08	5.49E-08	3.18E-08	3.25E-08	2.95E-08	1.32E-08	1.28E-08	6.07E-10	1.47E-08	3.24E-09	4.42E-09	7.01E-09	1.21E-09	6.73E-09	3.79E-08
4396	479363.09	3857877.25	2.99E-04	3.06E-04	2.91E-04	1.03E-07	3.12E-07	1.81E-07	1.85E-07	1.68E-07	7.48E-08	7.29E-08	3.45E-09	8.34E-08	1.84E-08	2.51E-08	3.99E-08	6.86E-09	3.83E-08	2.15E-07
4397	479863.09	3857877.25	4.46E-04	4.56E-04	4.35E-04	1.54E-07	4.66E-07	2.70E-07	2.76E-07	2.50E-07	1.12E-07	1.09E-07	5.15E-09	1.24E-07	2.75E-08	3.75E-08	5.95E-08	1.02E-08	5.71E-08	3.21E-07
4398	480363.09	3857877.25	4.89E-04	5.01E-04	4.77E-04	1.69E-07	5.11E-07	2.96E-07	3.03E-07	2.75E-07	1.22E-07	1.19E-07	5.65E-09	1.37E-07	3.01E-08	4.11E-08	6.52E-08	1.12E-08	6.27E-08	3.53E-07
4399	480863.09	3857877.25	4.98E-04	5.10E-04	4.86E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.25E-07	1.22E-07	5.76E-09	1.39E-07	3.07E-08	4.19E-08	6.65E-08	1.14E-08	6.38E-08	3.59E-07
4400	481363.09	3857877.25	5.14E-04	5.26E-04	5.02E-04	1.78E-07	5.38E-07	3.11E-07	3.19E-07	2.89E-07	1.29E-07	1.26E-07	5.94E-09	1.44E-07	3.17E-08	4.32E-08	6.86E-08	1.18E-08	6.59E-08	3.71E-07
4401	481863.09	3857877.25	5.31E-04	5.44E-04	5.18E-04	1.84E-07	5.55E-07	3.21E-07	3.29E-07	2.98E-07	1.33E-07	1.30E-07	6.14E-09	1.48E-07	3.27E-08	4.46E-08	7.08E-08	1.22E-08	6.80E-08	3.83E-07
4402	482363.09	3857877.25	5.61E-04	5.74E-04	5.47E-04	1.94E-07	5.86E-07	3.39E-07	3.47E-07	3.15E-07	1.40E-07	1.37E-07	6.48E-09	1.57E-07	3.46E-08	4.72E-08	7.48E-08	1.29E-08	7.18E-08	4.04E-07
4403	482863.09	3857877.25	5.74E-04	5.88E-04	5.60E-04	1.99E-07	6.00E-07	3.47E-07	3.56E-07	3.22E-07	1.44E-07	1.40E-07	6.64E-09	1.60E-07	3.54E-08	4.83E-08	7.66E-08	1.32E-08	7.36E-08	4.14E-07
4404	483363.09	3857877.25	5.93E-04	6.07E-04	5.78E-04	2.05E-07	6.20E-07	3.59E-07	3.67E-07	3.33E-07	1.48E-07	1.45E-07	6.85E-09	1.66E-07	3.65E-08	4.99E-08	7.91E-08	1.36E-08	7.60E-08	4.28E-07
4405	483863.09	3857877.25	6.17E-04	6.32E-04	6.02E-04	2.14E-07	6.45E-07	3.73E-07	3.82E-07	3.46E-07	1.54E-07	1.51E-07	7.13E-09	1.72E-07	3.80E-08	5.19E-08	8.23E-08	1.42E-08	7.91E-08	4.45E-07
4406	484363.09	3857877.25	6.37E-04	6.52E-04	6.21E-04	2.20E-07	6.66E-07	3.85E-07	3.94E-07	3.58E-07	1.59E-07	1.55E-07	7.36E-09	1.78E-07	3.92E-08	5.35E-08	8.49E-08	1.46E-08	8.16E-08	4.59E-07
4407	484863.09	3857877.25	6.62E-04	6.78E-04	6.46E-04	2.29E-07	6.92E-07	4.01E-07	4.10E-07	3.72E-07	1.66E-07	1.62E-07	7.65E-09	1.85E-07	4.08E-08	5.57E-08	8.83E-08	1.52E-08	8.48E-08	4.77E-07
4408	485363.09	3857877.25	6.93E-04	7.10E-04	6.76E-04	2.40E-07	7.25E-07	4.20E-07	4.29E-07	3.89E-07	1.74E-07	1.69E-07	8.01E-09	1.94E-07	4.27E-08	5.83E-08	9.25E-08	1.59E-08	8.88E-08	5.00E-07
4409	485863.09	3857877.25	7.22E-04	7.39E-04	7.04E-04	2.50E-07	7.55E-07	4.37E-07	4.47E-07	4.05E-07	1.81E-07	1.76E-07	8.35E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.66E-08	9.25E-08	5.21E-07
4410	486363.09	3857877.25	7.64E-04	7.82E-04	7.45E-04	2.64E-07	7.99E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.87E-07	8.83E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.75E-08	9.79E-08	5.51E-07
4411	486863.09	3857877.25	8.50E-04	8.70E-04	8.29E-04	2.94E-07	8.89E-07	5.14E-07	5.27E-07	4.77E-07	2.13E-07	2.08E-07	9.83E-09	2.37E-07	5.24E-08	7.15E-08	1.13E-07	1.95E-08	1.09E-07	6.13E-07
4412	487363.09	3857877.25	9.49E-04	9.71E-04	9.25E-04	3.28E-07	9.92E-07	5.74E-07	5.88E-07	5.33E-07	2.37E-07	2.32E-07	1.10E-08	2.65E-07	5.85E-08	7.98E-08	1.27E-07	2.18E-08	1.22E-07	6.84E-07
4413	487863.09	3857877.25	1.01E-03	1.03E-03	9.85E-04	3.50E-07	1.06E-06	6.11E-07	6.26E-07	5.67E-07	2.53E-07	2.47E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.32E-08	1.29E-07	7.28E-07
4414	488363.09	3857877.25	1.11E-03	1.14E-03	1.09E-03	3.85E-07	1.16E-06	6.74E-07	6.90E-07	6.25E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.86E-08	9.36E-08	1.49E-07	2.56E-08	1.43E-07	8.03E-07
4415	488863.09	3857877.25	1.15E-03	1.18E-03	1.12E-03	3.99E-07	1.21E-06	6.98E-07	7.14E-07	6.48E-07	2.89E-07	2.82E-07	1.33E-08	3.22E-07	7.11E-08	9.70E-08	1.54E-07	2.65E-08	1.48E-07	8.31E-07
4416	489363.09	3857877.25	1.06E-03	1.08E-03	1.03E-03	3.65E-07	1.10E-06	6.39E-07	6.54E-07	5.93E-07	2.64E-07	2.58E-07	1.22E-08	2.95E-07	6.50E-08	8.88E-08	1.41E-07	2.42E-08	1.35E-07	7.61E-07
4417	489863.09	3857877.25	9.75E-04	9.98E-04	9.51E-04	3.38E-07	1.02E-06	5.90E-07	6.04E-07	5.48E-07	2.44E-07	2.38E-07	1.13E-08	2.72E-07	6.01E-08	8.20E-08	1.30E-07	2.24E-08	1.25E-07	7.03E-07
4418	490363.09	3857877.25	9.63E-04	9.85E-04	9.39E-04	3.33E-07	1.01E-06	5.82E-07	5.96E-07	5.40E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.93E-08	8.09E-08	1.28E-07	2.21E-08	1.23E-07	6.94E-07
4419	490863.09	3857877.25	9.94E-04	1.02E-03	9.70E-04	3.44E-07	1.04E-06	6.02E-07	6.16E-07	5.58E-07	2.49E-07	2.43E-07	1.15E-08	2.78E-07	6.13E-08	8.36E-08	1.33E-07	2.28E-08	1.27E-07	7.17E-07
4420	491363.09	3857877.25	9.45E-04	9.67E-04	9.22E-04	3.27E-07	9.88E-07	5.72E-07	5.85E-07	5.30E-07	2.36E-07	2.31E-07	1.09E-08	2.64E-07	5.82E-08	7.95E-08	1.26E-07	2.17E-08	1.21E-07	6.81E-07
4421	491863.09	3857877.25	8.61E-04	8.81E-04	8.40E-04	2.98E-07	9.00E-07	5.21E-07	5.33E-07	4.83E-07	2.15E-07	2.10E-07	9.95E-09	2.40E-07	5.30E-08	7.24E-08	1.15E-07	1.98E-08	1.10E-07	6.21E-07
4422	492363.09	3857877.25	7.07E-04	7.24E-04	6.90E-04	2.45E-07	7.39E-07	4.28E-07	4.38E-07	3.97E-07	1.77E-07	1.73E-07	8.18E-09	1.97E-07	4.36E-08	5.95E-08	9.44E-08	1.62E-08	9.06E-08	5.10E-07
4423	492863.09	3857877.25	5.81E-04	5.94E-04	5.66E-04	2.01E-07	6.07E-07	3.51E-07	3.60E-07	3.26E-07	1.45E-07	1.42E-07	6.71E-09	1.62E-07	3.58E-08	4.88E-08	7.74E-08	1.33E-08	7.44E-08	4.19E-07
4424	493363.09	3857877.25	5.35E-04	5.48E-04	5.22E-04	1.85E-07	5.59E-07	3.24E-07	3.31E-07	3.00E-07	1.34E-07	1.31E-07	6.19E-09	1.49E-07	3.30E-08	4.50E-08	7.14E-08	1.23E-08	6.86E-08	3.86E-07
4425	493863.09	3857877.25	5.18E-04	5.30E-04	5.05E-04	1.79E-07	5.41E-07	3.13E-07	3.21E-07	2.91E-07	1.30E-07	1.26E-07	5.98E-09	1.45E-07	3.19E-08	4.35E-08	6.90E-08	1.19E-08	6.63E-08	3.73E-07
4426	494363.09	3857877.25	5.02E-04	5.14E-04	4.89E-04	1.74E-07	5.25E-07	3.04E-07	3.11E-07	2.82E-07	1.26E-07	1.22E-07	5.80E-09	1.40E-07	3.09E-08	4.22E-08	6.69E-08	1.15E-08	6.43E-08	3.62E-07
4427	494863.09	3857877.25	4.58E-04	4.69E-04	4.47E-04	1.59E-07	4.79E-07	2.77E-07	2.84E-07	2.57E-07	1.15E-07	1.12E-07	5.30E-09	1.28E-07	2.82E-08	3.85E-08	6.11E-08	1.05E-08	5.87E-08	3.30E-07
4428	495363.09	3857877.25	4.52E-04	4.63E-04	4.41E-04	1.57E-07	4.73E-07	2.74E-07	2.80E-07	2.54E-07	1.13E-07	1.10E-07	5.23E-09	1.26E-07	2.79E-08	3.80E-08	6.03E-08	1.04E-08	5.79E-08	3.26E-07
4429	495863.09	3857877.25	4.45E-04	4.56E-04	4.34E-04	1.54E-07	4.65E-07	2.69E-07	2.76E-07	2.50E-07	1.11E-07	1.09E-07	5.14E-09	1.24E-07	2.74E-08	3.74E-08	5.94E-08	1.02E-08	5.70E-08	3.21E-07
4430	496363.09	3857877.25	4.57E-04	4.68E-04	4.46E-04	1.58E-07	4.78E-07	2.77E-07	2.83E-07	2.57E-07	1.14E-07	1.12E-07	5.29E-09	1.28E-07	2.82E-08	3.85E-08	6.10E-08	1.05E-08	5.86E-08	3.30E-07
4431	496863.09	3857877.25	4.71E-04	4.82E-04	4.59E-04	1.63E-07	4.92E-07	2.85E-07	2.92E-07	2.64E-07	1.18E-07	1.15E-07	5.44E-09	1.31E-07	2.90E-08	3.96E-08	6.28E-08	1.08E-08	6.03E-08	3.40E-07
4432	497363.09	3857877.25	4.74E-04	4.85E-04	4.62E-04	1.64E-07	4.95E-07	2.87E-07	2.94E-07	2.66E-07	1.19E-07	1.16E-07	5.48E-09	1.32E-07	2.92E-08	3.99E-08	6.32E-08	1.09E-08	6.07E-08	3.42E-07
4433	497863.09	3857877.25	5.37E-04	5.50E-04	5.24E-04	1.86E-07	5.61E-07	3.25E-07	3.33E-07	3.01E-07	1.34E-07	1.31E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.16E-08	1.23E-08	6.88E-08	3.87E-07
4434	498363.09	3857877.25	5.97E-04	6.11E-04	5.82E-04	2.07E-07	6.24E-07	3.61E-07	3.70E-07	3.35E-07	1.49E-07	1.46E-07	6.90E-09	1.67E-07	3.68E-08	5.02E-08	7.96E-08	1.37E-08	7.65E-08	4.30E-07
4435	471363.09	3858377.25	2.71E-04	2.77E-04	2.64E-04	9.37E-08	2.83E-07	1.64E-07	1.68E-07	1.52E-07	6.78E-08	6.61E-08	3.13E-09	7.56E-08	1.67E-08	2.28E-08	3.61E-08	6.22E-09	3.47E-08	1.95E-07
4436	471863.09	3858377.25	2.78E-04	2.84E-04	2.71E-04	9.62E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	6.96E-08	6.78E-08	3.21E-09	7.76E-08	1.71E-08	2.34E-08	3.71E-08	6.38E-09	3.56E-08	2.00E-07
4437	472363.09	3858377.25	2.84E-04	2.91E-04	2.77E-04	9.84E-08	2.97E-07	1.72E-07	1.76E-07	1.60E-07	7.11E-08	6.94E-08	3.28E-09	7.93E-08	1.75E-08	2.39E-08	3.79E-08	6.53E-09	3.64E-08	2.05E-07

4438	472863.09	3858377.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.08E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.20E-08	3.41E-09	8.24E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
4439	473363.09	3858377.25	3.14E-04	3.21E-04	3.06E-04	1.09E-07	3.28E-07	1.90E-07	1.95E-07	1.76E-07	7.86E-08	7.67E-08	3.63E-09	8.77E-08	1.93E-08	2.64E-08	4.19E-08	7.21E-09	4.02E-08	2.26E-07
4440	473863.09	3858377.25	3.14E-04	3.22E-04	3.07E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.76E-07	7.87E-08	7.67E-08	3.63E-09	8.78E-08	1.94E-08	2.64E-08	4.19E-08	7.22E-09	4.03E-08	2.27E-07
4441	474363.09	3858377.25	2.88E-04	2.95E-04	2.81E-04	9.98E-08	3.01E-07	1.74E-07	1.79E-07	1.62E-07	7.22E-08	7.04E-08	3.33E-09	8.05E-08	1.78E-08	2.43E-08	3.85E-08	6.62E-09	3.69E-08	2.08E-07
4442	474863.09	3858377.25	2.40E-04	2.46E-04	2.34E-04	8.32E-08	2.51E-07	1.45E-07	1.49E-07	1.35E-07	6.01E-08	5.87E-08	2.78E-09	6.71E-08	1.48E-08	2.02E-08	3.21E-08	5.52E-09	3.08E-08	1.73E-07
4443	475363.09	3858377.25	1.60E-04	1.64E-04	1.56E-04	5.55E-08	1.68E-07	9.70E-08	9.93E-08	9.00E-08	4.01E-08	3.91E-08	1.85E-09	4.48E-08	9.88E-09	1.35E-08	2.14E-08	3.68E-09	2.05E-08	1.16E-07
4444	475863.09	3858377.25	1.06E-04	1.09E-04	1.04E-04	3.68E-08	1.11E-07	6.43E-08	6.59E-08	5.97E-08	2.66E-08	2.60E-08	1.23E-09	2.97E-08	6.55E-09	8.94E-09	1.42E-08	2.44E-09	1.36E-08	7.67E-08
4445	476363.09	3858377.25	1.15E-04	1.18E-04	1.12E-04	3.98E-08	1.20E-07	6.96E-08	7.13E-08	6.46E-08	2.88E-08	2.81E-08	1.33E-09	3.21E-08	7.09E-09	9.68E-09	1.53E-08	2.64E-09	1.47E-08	8.30E-08
4446	476863.09	3858377.25	1.25E-04	1.28E-04	1.22E-04	4.33E-08	1.31E-07	7.56E-08	7.74E-08	7.02E-08	3.13E-08	3.05E-08	1.45E-09	3.49E-08	7.70E-09	1.05E-08	1.67E-08	2.87E-09	1.60E-08	9.01E-08
4447	477363.09	3858377.25	1.15E-04	1.17E-04	1.12E-04	3.97E-08	1.20E-07	6.93E-08	7.10E-08	6.43E-08	2.87E-08	2.80E-08	1.32E-09	3.20E-08	7.06E-09	9.63E-09	1.53E-08	2.63E-09	1.47E-08	8.26E-08
4448	477863.09	3858377.25	1.56E-04	1.60E-04	1.53E-04	5.41E-08	1.63E-07	9.46E-08	9.69E-08	8.78E-08	3.91E-08	3.82E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.59E-09	2.00E-08	1.13E-07
4449	478363.09	3858377.25	1.65E-04	1.69E-04	1.61E-04	5.70E-08	1.72E-07	9.96E-08	1.02E-07	9.24E-08	4.12E-08	4.02E-08	1.90E-09	4.60E-08	1.01E-08	1.38E-08	2.20E-08	3.78E-09	2.11E-08	1.19E-07
4450	478863.09	3858377.25	1.01E-04	1.04E-04	9.89E-05	3.51E-08	1.06E-07	6.13E-08	6.28E-08	5.69E-08	2.54E-08	2.47E-08	1.17E-09	2.83E-08	6.25E-09	8.52E-09	1.35E-08	2.33E-09	1.30E-08	7.31E-08
4451	479363.09	3858377.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.21E-08	3.41E-09	8.25E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
4452	479863.09	3858377.25	4.23E-04	4.33E-04	4.12E-04	1.46E-07	4.42E-07	2.56E-07	2.62E-07	2.37E-07	1.06E-07	1.03E-07	4.89E-09	1.18E-07	2.61E-08	3.56E-08	5.64E-08	9.71E-09	5.42E-08	3.05E-07
4453	480363.09	3858377.25	4.53E-04	4.63E-04	4.41E-04	1.57E-07	4.73E-07	2.74E-07	2.80E-07	2.54E-07	1.13E-07	1.10E-07	5.23E-09	1.26E-07	2.79E-08	3.81E-08	6.04E-08	1.04E-08	5.80E-08	3.26E-07
4454	480863.09	3858377.25	4.59E-04	4.70E-04	4.48E-04	1.59E-07	4.80E-07	2.78E-07	2.85E-07	2.58E-07	1.15E-07	1.12E-07	5.31E-09	1.28E-07	2.83E-08	3.86E-08	6.13E-08	1.06E-08	5.89E-08	3.31E-07
4455	481363.09	3858377.25	4.76E-04	4.87E-04	4.64E-04	1.65E-07	4.98E-07	2.88E-07	2.95E-07	2.67E-07	1.19E-07	1.16E-07	5.50E-09	1.33E-07	2.93E-08	4.00E-08	6.35E-08	1.09E-08	6.10E-08	3.43E-07
4456	481863.09	3858377.25	4.81E-04	4.93E-04	4.69E-04	1.67E-07	5.03E-07	2.91E-07	2.98E-07	2.70E-07	1.20E-07	1.17E-07	5.56E-09	1.34E-07	2.96E-08	4.05E-08	6.42E-08	1.11E-08	6.16E-08	3.47E-07
4457	482363.09	3858377.25	5.01E-04	5.13E-04	4.88E-04	1.73E-07	5.23E-07	3.03E-07	3.10E-07	2.81E-07	1.25E-07	1.22E-07	5.79E-09	1.40E-07	3.09E-08	4.21E-08	6.68E-08	1.15E-08	6.42E-08	3.61E-07
4458	482863.09	3858377.25	5.36E-04	5.48E-04	5.22E-04	1.85E-07	5.60E-07	3.24E-07	3.32E-07	3.01E-07	1.34E-07	1.31E-07	6.19E-09	1.50E-07	3.30E-08	4.50E-08	7.15E-08	1.23E-08	6.86E-08	3.86E-07
4459	483363.09	3858377.25	5.60E-04	5.74E-04	5.47E-04	1.94E-07	5.86E-07	3.39E-07	3.47E-07	3.15E-07	1.40E-07	1.37E-07	6.48E-09	1.56E-07	3.45E-08	4.71E-08	7.48E-08	1.29E-08	7.18E-08	4.04E-07
4460	483863.09	3858377.25	5.87E-04	6.01E-04	5.72E-04	2.03E-07	6.13E-07	3.55E-07	3.63E-07	3.29E-07	1.47E-07	1.43E-07	6.78E-09	1.64E-07	3.62E-08	4.93E-08	7.83E-08	1.35E-08	7.52E-08	4.23E-07
4461	484363.09	3858377.25	6.19E-04	6.33E-04	6.04E-04	2.14E-07	6.47E-07	3.74E-07	3.83E-07	3.47E-07	1.55E-07	1.51E-07	7.15E-09	1.73E-07	3.81E-08	5.20E-08	8.26E-08	1.42E-08	7.93E-08	4.46E-07
4462	484863.09	3858377.25	6.57E-04	6.72E-04	6.41E-04	2.27E-07	6.87E-07	3.98E-07	4.07E-07	3.69E-07	1.64E-07	1.60E-07	7.59E-09	1.83E-07	4.05E-08	5.52E-08	8.76E-08	1.51E-08	8.42E-08	4.74E-07
4463	485363.09	3858377.25	7.08E-04	7.25E-04	6.91E-04	2.45E-07	7.40E-07	4.29E-07	4.39E-07	3.98E-07	1.77E-07	1.73E-07	8.19E-09	1.98E-07	4.36E-08	5.96E-08	9.45E-08	1.63E-08	9.07E-08	5.11E-07
4464	485863.09	3858377.25	7.73E-04	7.91E-04	7.54E-04	2.68E-07	8.08E-07	4.68E-07	4.79E-07	4.34E-07	1.93E-07	1.89E-07	8.94E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.78E-08	9.90E-08	5.57E-07
4465	486363.09	3858377.25	8.47E-04	8.67E-04	8.26E-04	2.93E-07	8.86E-07	5.13E-07	5.25E-07	4.76E-07	2.12E-07	2.07E-07	9.79E-09	2.37E-07	5.22E-08	7.12E-08	1.13E-07	1.95E-08	1.09E-07	6.11E-07
4466	486863.09	3858377.25	9.32E-04	9.54E-04	9.09E-04	3.23E-07	9.74E-07	5.64E-07	5.77E-07	5.23E-07	2.33E-07	2.27E-07	1.08E-08	2.60E-07	5.74E-08	7.83E-08	1.24E-07	2.14E-08	1.19E-07	6.72E-07
4467	487363.09	3858377.25	1.05E-03	1.07E-03	1.02E-03	3.62E-07	1.09E-06	6.33E-07	6.48E-07	5.87E-07	2.62E-07	2.55E-07	1.21E-08	2.92E-07	6.44E-08	8.79E-08	1.39E-07	2.40E-08	1.34E-07	7.54E-07
4468	487863.09	3858377.25	1.30E-03	1.34E-03	1.27E-03	4.52E-07	1.36E-06	7.90E-07	8.08E-07	7.33E-07	3.27E-07	3.19E-07	1.51E-08	3.64E-07	8.04E-08	1.10E-07	1.74E-07	3.00E-08	1.67E-07	9.41E-07
4469	488363.09	3858377.25	1.68E-03	1.72E-03	1.64E-03	5.82E-07	1.76E-06	1.02E-06	1.04E-06	9.44E-07	4.21E-07	4.10E-07	1.94E-08	4.69E-07	1.04E-07	1.41E-07	2.24E-07	3.86E-08	2.15E-07	1.21E-06
4470	488863.09	3858377.25	1.89E-03	1.94E-03	1.85E-03	6.56E-07	1.98E-06	1.15E-06	1.17E-06	1.06E-06	4.74E-07	4.63E-07	2.19E-08	5.29E-07	1.17E-07	1.59E-07	2.53E-07	4.35E-08	2.43E-07	1.37E-06
4471	489363.09	3858377.25	1.82E-03	1.86E-03	1.77E-03	6.29E-07	1.90E-06	1.10E-06	1.12E-06	1.02E-06	4.54E-07	4.43E-07	2.10E-08	5.07E-07	1.12E-07	1.53E-07	2.42E-07	4.17E-08	2.33E-07	1.31E-06
4472	489863.09	3858377.25	1.81E-03	1.85E-03	1.76E-03	6.25E-07	1.89E-06	1.09E-06	1.12E-06	1.01E-06	4.52E-07	4.41E-07	2.09E-08	5.04E-07	1.11E-07	1.52E-07	2.41E-07	4.15E-08	2.31E-07	1.30E-06
4473	490363.09	3858377.25	1.87E-03	1.91E-03	1.82E-03	6.46E-07	1.95E-06	1.13E-06	1.16E-06	1.05E-06	4.67E-07	4.56E-07	2.16E-08	5.21E-07	1.15E-07	1.57E-07	2.49E-07	4.29E-08	2.39E-07	1.35E-06
4474	490863.09	3858377.25	1.87E-03	1.92E-03	1.83E-03	6.48E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.57E-07	2.17E-08	5.23E-07	1.15E-07	1.58E-07	2.50E-07	4.30E-08	2.40E-07	1.35E-06
4475	491363.09	3858377.25	1.61E-03	1.65E-03	1.57E-03	5.58E-07	1.68E-06	9.75E-07	9.98E-07	9.05E-07	4.03E-07	3.93E-07	1.86E-08	4.50E-07	9.93E-08	1.36E-07	2.15E-07	3.70E-08	2.06E-07	1.16E-06
4476	491863.09	3858377.25	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.24E-06	7.15E-07	7.32E-07	6.63E-07	2.96E-07	2.88E-07	1.37E-08	3.30E-07	7.28E-08	9.94E-08	1.58E-07	2.71E-08	1.51E-07	8.52E-07
4477	492363.09	3858377.25	8.85E-04	9.05E-04	8.63E-04	3.06E-07	9.25E-07	5.35E-07	5.48E-07	4.97E-07	2.21E-07	2.16E-07	1.02E-08	2.47E-07	5.45E-08	7.44E-08	1.18E-07	2.03E-08	1.13E-07	6.38E-07
4478	492863.09	3858377.25	9.67E-04	9.90E-04	9.43E-04	3.35E-07	1.01E-06	5.85E-07	5.99E-07	5.43E-07	2.42E-07	2.36E-07	1.12E-08	2.70E-07	5.96E-08	8.13E-08	1.29E-07	2.22E-08	1.24E-07	6.97E-07
4479	493363.09	3858377.25	8.97E-04	9.18E-04	8.75E-04	3.10E-07	9.37E-07	5.43E-07	5.55E-07	5.04E-07	2.24E-07	2.19E-07	1.04E-08	2.50E-07	5.53E-08	7.54E-08	1.20E-07	2.06E-08	1.15E-07	6.47E-07
4480	493863.09	3858377.25	8.57E-04	8.77E-04	8.36E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.81E-07	2.14E-07	2.09E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	1.97E-08	1.10E-07	6.18E-07
4481	494363.09	3858377.25	7.95E-04	8.14E-04	7.76E-04	2.75E-07	8.31E-07	4.81E-07	4.93E-07	4.47E-07	1.99E-07	1.94E-07	9.19E-09	2.22E-07	4.90E-08	6.69E-08	1.06E-07	1.83E-08	1.02E-07	5.73E-07
4482	494863.09	3858377.25	7.38E-04	7.55E-04	7.20E-04	2.55E-07	7.71E-07	4.46E-07	4.57E-07	4.14E-07	1.85E-07	1.80E-07	8.53E-09	2.06E-07	4.55E-08	6.21E-08	9.84E-08	1.69E-08	9.45E-08	5.32E-07
4483	495363.09	3858377.25	6.62E-04	6.78E-04	6.46E-04	2.29E-07	6.92E-07	4.01E-07	4.10E-07	3.72E-07	1.66E-07	1.62E-07	7.66E-09	1.85E-07	4.08E-08	5.57E-08	8.84E-08	1.52E-08	8.49E-08	4.78E-07
4484	495863.09	3858377.25	6.42E-04	6.57E-04	6.26E-04	2.22E-07	6.71E-07	3.88E-07	3.97E-07	3.60E-07	1.61E-07	1.57E-07	7.42E-09	1.79E-07	3.95E-08	5.40E-08	8.56E-08	1.47E-08	8.22E-08	4.63E-07
4485	496363.09	3858377.25	6.18E-04	6.32E-04	6.03E-04	2.14E-07	6.46E-07	3.74E-07	3.83E-07	3.47E-07	1.55E-07	1.51E-07	7.14E-09	1.73E-07	3.81E-08	5.20E-08	8.24E-08	1.42E-08	7.92E-08	4.45E-07
4486	496863.09	3858377.25	6.34E-04	6.49E-04	6.19E-04	2.20E-07	6.63E-07	3.84E-07	3.93E-07	3.56E-07	1.59E-07	1.55E-07	7.33E-09	1.77E-07	3.91E-08	5.33E-08	8.46E-08	1.46E-08	8.13E-08	4.57E-07
4487	497363.09	3858377.25	6.29E-04	6.43E-04	6.13E-04	2.18E-07	6.57E-07	3.80E-07	3.89E-07	3.53E-07	1.57E-07	1.53E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.44E-08	8.05E-08	4.53E-07
4488	497863.09	3858377.25	6.81E-04	6.97E-04	6.64E-04	2.36E-07	7.12E-07	4.12E-07	4.22E-07	3.82E-07	1.70E-07	1.66E-07	7.87E-09	1.90E-07	4.20E-08	5.73E-08	9.09E-08	1.56E-08	8.73E-08	4.91E-07
4489	498363.09	3858377.25	7.52E-04	7.70E-04	7.33E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.84E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
4490	471363.09	3858877.25	2.61E-04	2.67E-04	2.55E-04	9.03E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.53E-08	6.37E-08	3.02E-09	7.29E-08	1.61E-08	2.19E-08	3.48E-08	5.99E-09	3.34E-08	1.88E-07
4491	471863.09	3858877.25	2.65E-04	2.72E-04	2.59E-04	9.19E-08	2.77E-07	1.61E-07	1.64E-07	1.49E-07	6.64E-08	6.48E-08	3.07E-09	7.41E-08	1.64E-08	2.23E-08	3.54E-08	6.10E-09	3.40E-08	1.91E-07
4492	472363.09	3858877.25	2.76E-04	2.82E-04	2.69E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	6.91E-08	6.74E-08	3.19E-09	7.70E-08	1.70E-08	2.32E-08	3.68E-08	6.34E-09	3.53E-08	1.99E-07
4493	472863.09	3858877.25	2.85E-04	2.92E-04	2.78E-04	9.86E-08	2.98E-07	1.72E-07	1.76E-07	1.60E-07	7.13E-08	6.95E-08	3.29E-09	7.96E-08	1.76E-08	2.40E-08	3.80E-08	6.54E-09	3.65E-08	2.05E-07
4494	473363.09	3858877.25	2.99E-04	3.06E-04	2.92E-04	1.04E-07	3.13E-07	1.81E-07	1.85E-07	1.68E-07	7.49E-08	7.31E-08	3.46E-09	8.36E-08	1.84E-08	2.52E-08	3.99E-08	6.88E-09	3.83E-08	2.16E-07
4495	473863.09	3858877.25	3.03E-04	3.10E-04	2.95E-04	1.05E-07	3.16E-07	1.83E-07	1.87E-07	1.70E-07	7.57E-08	7.39E-08	3.50E-09	8.45E-08	1.86E-08	2.54E-08	4.04E-08	6.95E-09	3.88E-08	2.18E-07
4496	474363.09	3858877.25	2.86E-04	2.93E-04	2.79E-04	9.91E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.17E-08	6.99E-08	3.31E-09	8.00E-08	1.76E-08	2.41E-08	3.82E-08	6.58E-09	3.67E-08	2.06E-07
4497	474863.09	3858877.25	1.58E-04	1.62E-04	1.54E-04	5.47E-08	1.65E-07	9.55E-08	9.78E-08	8.86E-08	3.95E-08	3.85E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.63E-09	2.02E-08	1.14E-07
4498	475363.09	3858877.25	1.09E-04	1.12E-04	1.06E-04	3.78E-08	1.14E-07	6.60E-08	6.76E-08	6.12E-08	2.73E-08	2.66E-08	1.26E-09	3.05E-08	6.72E-09	9.17E-09	1.46E-08	2.51E-09	1.40E-08	7.86E-08
4499	475863.09	3858877.25	1.24E-04	1.27E-04	1.21E-04	4.29E-08	1.30E-07	7.50E-08	7.68E-08	6.96E-08	3.10E-08	3.03E-08	1.43E-09	3.46E-08	7.64E-09	1.04E-08	1.65E-08	2.85E-09	1.59E-08	8.94E-08
4500	476363.09	3858877.25	6.72E-05	6.88E-05	6.56E-05	2.33E-08	7.03E-08	4.07E-08	4.16E-08	3.78E-08	1.68E-08	1.64E-08	7.77E-10	1.88E-08	4.14E-09	5.65E-09	8.97E-09	1.54E-09	8.61E-09	4.85E-08
4501	476863.09	3858877.25	8.87E-05	9.08E-05	8.65E-05	3.07E-08	9.27E-08	5.36E-08	5.49E-08	4.98E-08	2.22E-08	2.16E-08	1.02E-09	2.48E-08	5.46E-09	7.46E-09	1.18E-08	2.04E-09	1.14E-08	6.39E-08
4502	477363.09	3858877.25	9.09E-05	9.30E-05	8.87E-05	3.15E-08	9.50E-08	5.50E-08	5.63E-08	5.10E-08	2.28E-08	2.22E-08	1.05E-09	2.54E-08	5.60E-09	7.64E-09	1.21E-08	2.09E-09	1.16E-08	6.55E-08
4503	477863.09	3858877.25	1.16E-04	1.19E-04	1.13E-04	4.03E-08	1.22E-07	7.04E-08	7.20E-08	6.53E-08	2.91E-08	2.84E-08	1.34E-09	3.25E-08	7.17E-09	9.78E-09	1.55E-08	2.67E-09	1.49E-08	8.38E-08
4504	478363.09	3858877.25	2.31E-04	2.36E-04	2.25E-04	7.98E-08	2.41E-07	1.40E-07	1.43E-07	1.29E-07	5.77E-08	5.63E-08	2.67E-09	6.44E-08	1.42E-08	1.94E-08	3.08E-08	5.30E-09	2.95E-08	1.66E-07
4505	478863.09	3858877.25	1.94E-04	1.99E-04	1.89E-04	6.72E-08	2.03E-07	1.18E-07	1.20E-07	1.09E-07	4.86E-08	4.74E-08	2.25E-09	5.42E-08	1.20E-08	1.63E-08	2.59E-08	4.46E-09	2.49E-08	1.40E-07
4506	479363.09	3858877.25	1.54E-04	1.58E-04	1.50E-04	5.34E-08	1.61E-07	9.33E-08	9.55E-08	8.66E-08	3.86E-08	3.76E-08	1.78E-09	4.30E-08	9.50E-09	1.30E-08	2.06E-08	3.54E-09	1.97E-08	1.11E-07
4507	479863.09	3858877.25	4.05E-04	4.15E-04	3.95E-04	1.40E-07	4.24E-07	2.45E-07	2.51E-07	2.28E-07	1.01E-07	9.90E-08	4.69E-09	1.13E-07	2.50E-08	3.41E-08	5.41E-08	9.31E-09	5.19E-08	2.92E-07
4508	480363.09	3858877.25	4.22E-04	4.32E-04	4.12E-04	1.46E-07	4.41E-07	2.56E-07	2.62E-07	2.37E-07	1.06E-07	1.03E-07	4.88E-09	1.18E-07	2.60E-08	3.55E-08	5.63E-08	9.70E-09	5.41E-08	3.05E-07
4509	480863.09	3858877.25	4.36E-04	4.46E-04	4.25E-04	1.51E-07	4.56E-07	2.64E-07	2.70E-07	2.45E-07	1.09E-07	1.06E-07	5.04E-09	1.22E-07	2.69E-08	3.67E-08	5.82E-08	1.00E-08	5.59E-08	3.14E-07
4510	481363.09	3858877.25	4.47E-04	4.58E-04	4.36E-04	1.55E-07	4.68E-07	2.71E-07	2.77E-07	2.51E-07	1.12E-07	1.09E-07	5.17E-09	1.25E-07	2.76E-08	3.76E-08	5.97E-08	1.03E-08	5.73E-08	3.22E-07
4511	481863.09	3858877.25	4.55E-04	4.65E-04	4.44E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.55E-07	1.14E-07	1.11E-07	5.26E-09	1.27E-07	2.80E-08	3.82E-08	6.07E-08	1.04E-08	5.83E-08	3.28E-07
4512	482363.09	3858877.25	4.65E-04	4.76E-04	4.53E-04	1.61E-07	4.86E-07	2.81E-07	2.88E-07	2.61E-07	1.16E-07	1.13E-07	5.37E-09	1.30E-07	2.86E-08	3.91E-08	6.20E-08	1.07E-08	5.96E-08	3.35E-07
4513	482863.09	3858877.25	4.83E-04	4.95E-04	4.71E-04	1.67E-07	5.05E-07	2.92E-07	2.99E-07	2.71E-07	1.21E-07	1.18E-07	5.58E-09	1.35E-07	2.98E-08	4.06E-08	6.45E-08	1.11E-08	6.19E-08	3.48E-07
4514	483363.09	3858877.25	5.22E-04	5.35E-04	5.09E-04	1.81E-07	5.46E-07	3.16E-07	3.23E-07	2.93E-07	1.31E-07	1.27E-07	6.04E-09	1.46E-07	3.22E-08	4.39E-08	6.97E-08	1.20E-08	6.69E-08	3.77E-07
4515	483863.09	3858877.25	5.50E-04	5.63E-04	5.36E-04	1.90E-07	5.75E-07	3.33E-07	3.41E-07	3.09E-07	1.38E-07	1.34E-07	6.36E-09	1.54E-07	3.39E-08	4.62E-08	7.34E-08	1.26E-08	7.04E-08	3.96E-07
4516	484363.09	3858877.25	5.85E-04	5.98E-04	5.70E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.46E-07	1.43E-07	6.76E-09	1.63E-07	3.60E-08	4.92E-08	7.80E-08	1.34E-08	7.49E-08	4.21E-07
4517	484863.09	3858877.25	6.26E-04	6.41E-04	6.11E-04	2.17E-07	6.55E-07	3.79E-07	3.88E-07	3.52E-07	1.57E-07	1.53E-07	7.24E-09	1.75E-07	3.86E-08	5.27E-08	8.36E-08	1.44E-08	8.02E-08	4.52E-07
4518	485363.09	3858877.25	6.84E-04	7.01E-04	6.67E-04	2.37E-07	7.15E-07	4.14E-07	4.24E-07	3.84E-07	1.71E-07	1.67E-07	7.91E-09	1.91E-07	4.22E-08	5.75E-08	9.13E-08	1.57E-08	8.77E-08	4.93E-07
4519	485863.09	3858877.25	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.02E-07	4.64E-07	4.75E-07	4.31E-07	1.92E-07	1.87E-07	8.87E-09	2.14E-07	4.73E-08	6.45E-08	1.02E-07	1.76E-08	9.83E-08	5.53E-07
4520	486363.09	3858877.25	8.73E-04	8.94E-04	8.52E-04	3.02E-07	9.13E-07	5.28E-07	5.41E-07	4.90E-07	2.19E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.34E-08	1.17E-07	2.01E-08	1.12E-07	6.30E-07
4521	486863.09	3858877.25	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.07E-06	6.22E-07	6.36E-07	5.77E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.33E-08	8.64E-08	1.37E-07	2.36E-08	1.32E-07	7.41E-07
4522	487363.09	3858877.25	1.29E-03	1.32E-03	1.25E-03	4.45E-07	1.34E-06	7.78E-07	7.97E-07	7.22E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	2.95E-08	1.65E-07	9.27E-07
4523	487863.09	3858877.25	1.72E-03	1.76E-03	1.68E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.68E-07	4.31E-07	4.21E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
4524	488363.09	3858877.25	2.89E-03	2.96E-03	2.82E-03	1.00E-06	3.02E-06	1.75E-06	1.79E-06	1.62E-06	7.23E-07	7.05E-07	3.34E-08	8.07E-07	1.78E-07	2.43E-07	3.85E-07	6.63E-08	3.70E-07	2.08E-06
4525	488863.09	3858877.25	1.35E-02	1.38E-02	1.32E-02	4.67E-06	1.41E-05	8.17E-06	8.36E-06	7.58E-06	3.38E-06	3.30E-06	1.56E-07	3.77E-06	8.32E-07	1.14E-06	1.80E-06	3.10E-07	1.73E-06	9.74E-06
4526	489363.09	3858877.25	1.28E-02	1.31E-02	1.25E-02	4.42E-06	1.34E-05	7.73E-06	7.92E-06	7.18E-06	3.20E-06	3.12E-06	1.48E-07	3.57E-06	7.87E-07	1.07E-06	1.70E-06	2.94E-07	1.64E-06	9.21E-06
4527	489863.09	3858877.25	8.22E-03	8.42E-03	8.02E-03	2.85E-06	8.60E-06	4.98E-06	5.09E-06	4.62E-06	2.06E-06	2.01E-06	9.51E-08	2.30E-06	5.07E-07	6.92E-07	1.10E-06	1.89E-07	1.05E-06	5.93E-06
4528	490363.09	3858877.25	5.78E-03	5.91E-03	5.63E-03	2.00E-06	6.04E-06	3.50E-06	3.58E-06	3.24E-06	1.45E-06	1.41E-06	6.68E-08	1.61E-06	3.56E-07	4.86E-07	7.71E-07	1.33E-07	7.40E-07	4.16E-06
4529	490863.09	3858877.25	3.80E-03	3.89E-03	3.71E-03	1.32E-06	3.97E-06	2.30E-06	2.35E-06	2.13E-06	9.51E-07	9.27E-07	4.39E-08	1.06E-06	2.34E-07	3.19E-07	5.07E-07	8.73E-08	4.87E-07	2.74E-06
4530	491363.09	3858877.25	2.43E-03	2.49E-03	2.37E-03	8.40E-07	2.54E-06	1.47E-06	1.50E-06	1.36E-06	6.08E-07	5.93E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.58E-08	3.11E-07	1.75E-06
4531	491863.09	3858877.25	1.70E-03	1.74E-03	1.66E-03	5.88E-07	1.78E-06	1.03E-06	1.05E-06	9.54E-07	4.25E-07	4.15E-07	1.96E-08	4.75E-07	1.05E-07	1.43E-07	2.27E-07	3.90E-08	2.18E-07	1.23E-06
4532	492363.09	3858877.25	1.82E-03	1.86E-03	1.77E-03	6.30E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.55E-07	4.44E-07	2.10E-08	5.08E-07	1.12E-07	1.53E-07	2.43E-07	4.18E-08	2.33E-07	1.31E-06
4533	492863.09	3858877.25	2.03E-03	2.07E-03	1.98E-03	7.01E-07	2.12E-06	1.23E-06	1.25E-06	1.14E-06	5.07E-07	4.94E-07	2.34E-08	5.66E-07	1.25E-07	1.70E-07	2.70E-07	4.65E-08	2.60E-07	1.46E-06
4534	493363.09	3858877.25	1.75E-03	1.79E-03	1.71E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.83E-07	4.38E-07	4.27E-07	2.02E-08	4.89E-07	1.08E-07	1.47E-07	2.34E-07	4.02E-08	2.24E-07	1.26E-06
4535	493863.09	3858877.25	1.42E-03	1.45E-03	1.38E-03	4.91E-07	1.48E-06	8.59E-07	8.79E-07	7.97E-07	3.55E-07	3.47E-07	1.64E-08	3.96E-07	8.75E-08	1.19E-07	1.89E-07	3.26E-08	1.82E-07	1.02E-06
4536	494363.09	3858877.25	1.29E-03	1.32E-03	1.26E-03	4.45E-07	1.34E-06	7.79E-07	7.97E-07	7.22E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.28E-07
4537	494863.09	3858877.25	1.15E-03	1.18E-03	1.12E-03	3.98E-07	1.20E-06	6.96E-07	7.12E-07	6.46E-07	2.88E-07	2.81E-07	1.33E-08	3.21E-07	7.08E-08	9.67E-08	1.53E-07	2.64E-08	1.47E-07	8.29E-07
4538	495363.09	3858877.25	1.02E-03	1.04E-03	9.94E-04	3.53E-07	1.06E-06	6.16E-07	6.31E-07	5.72E-07	2.55E-07	2.49E-07	1.18E-08	2.84E-07	6.28E-08	8.57E-08	1.36E-07	2.34E-08	1.31E-07	7.35E-07

4539	495863.09	3858877.25	9.38E-04	9.60E-04	9.15E-04	3.25E-07	9.81E-07	5.68E-07	5.81E-07	5.27E-07	2.35E-07	2.29E-07	1.08E-08	2.62E-07	5.78E-08	7.89E-08	1.25E-07	2.15E-08	1.20E-07	6.76E-07
4540	496363.09	3858877.25	8.89E-04	9.10E-04	8.67E-04	3.08E-07	9.29E-07	5.38E-07	5.51E-07	4.99E-07	2.22E-07	2.17E-07	1.03E-08	2.48E-07	5.48E-08	7.47E-08	1.19E-07	2.04E-08	1.14E-07	6.41E-07
4541	496863.09	3858877.25	8.44E-04	8.63E-04	8.23E-04	2.92E-07	8.82E-07	5.10E-07	5.22E-07	4.74E-07	2.11E-07	2.06E-07	9.75E-09	2.36E-07	5.20E-08	7.09E-08	1.13E-07	1.94E-08	1.08E-07	6.08E-07
4542	497363.09	3858877.25	8.02E-04	8.21E-04	7.82E-04	2.78E-07	8.38E-07	4.85E-07	4.97E-07	4.50E-07	2.01E-07	1.96E-07	9.27E-09	2.24E-07	4.94E-08	6.74E-08	1.07E-07	1.84E-08	1.03E-07	5.78E-07
4543	497863.09	3858877.25	8.57E-04	8.77E-04	8.36E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.81E-07	2.15E-07	2.09E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	1.97E-08	1.10E-07	6.18E-07
4544	498363.09	3858877.25	9.19E-04	9.41E-04	8.96E-04	3.18E-07	9.61E-07	5.56E-07	5.69E-07	5.16E-07	2.30E-07	2.24E-07	1.06E-08	2.57E-07	5.66E-08	7.73E-08	1.23E-07	2.11E-08	1.18E-07	6.63E-07
4545	471363.09	3859377.25	2.47E-04	2.53E-04	2.41E-04	8.56E-08	2.58E-07	1.50E-07	1.53E-07	1.39E-07	6.19E-08	6.04E-08	2.86E-09	6.91E-08	1.52E-08	2.08E-08	3.30E-08	5.68E-09	3.17E-08	1.78E-07
4546	471863.09	3859377.25	2.54E-04	2.60E-04	2.48E-04	8.78E-08	2.65E-07	1.54E-07	1.57E-07	1.42E-07	6.35E-08	6.19E-08	2.93E-09	7.09E-08	1.56E-08	2.13E-08	3.39E-08	5.83E-09	3.25E-08	1.83E-07
4547	472363.09	3859377.25	2.64E-04	2.70E-04	2.57E-04	9.14E-08	2.76E-07	1.60E-07	1.64E-07	1.48E-07	6.61E-08	6.44E-08	3.05E-09	7.37E-08	1.63E-08	2.22E-08	3.52E-08	6.06E-09	3.38E-08	1.90E-07
4548	472863.09	3859377.25	2.73E-04	2.80E-04	2.66E-04	9.46E-08	2.86E-07	1.65E-07	1.69E-07	1.53E-07	6.84E-08	6.67E-08	3.16E-09	7.63E-08	1.68E-08	2.30E-08	3.64E-08	6.27E-09	3.50E-08	1.97E-07
4549	473363.09	3859377.25	2.84E-04	2.91E-04	2.77E-04	9.83E-08	2.97E-07	1.72E-07	1.76E-07	1.59E-07	7.11E-08	6.93E-08	3.28E-09	7.93E-08	1.75E-08	2.39E-08	3.79E-08	6.52E-09	3.64E-08	2.05E-07
4550	473863.09	3859377.25	2.91E-04	2.97E-04	2.83E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.27E-08	7.09E-08	3.36E-09	8.12E-08	1.79E-08	2.44E-08	3.88E-08	6.68E-09	3.72E-08	2.10E-07
4551	474363.09	3859377.25	2.74E-04	2.81E-04	2.68E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.87E-08	6.70E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.30E-09	3.52E-08	1.98E-07
4552	474863.09	3859377.25	2.22E-04	2.27E-04	2.16E-04	7.68E-08	2.32E-07	1.34E-07	1.37E-07	1.25E-07	5.55E-08	5.42E-08	2.57E-09	6.20E-08	1.37E-08	1.87E-08	2.96E-08	5.10E-09	2.84E-08	1.60E-07
4553	475363.09	3859377.25	1.51E-04	1.55E-04	1.47E-04	5.23E-08	1.58E-07	9.15E-08	9.36E-08	8.49E-08	3.78E-08	3.69E-08	1.75E-09	4.22E-08	9.31E-09	1.27E-08	2.02E-08	3.47E-09	1.94E-08	1.09E-07
4554	475863.09	3859377.25	9.09E-05	9.30E-05	8.87E-05	3.15E-08	9.50E-08	5.50E-08	5.63E-08	5.10E-08	2.28E-08	2.22E-08	1.05E-09	2.54E-08	5.60E-09	7.64E-09	1.21E-08	2.09E-09	1.16E-08	6.55E-08
4555	476363.09	3859377.25	7.72E-05	7.90E-05	7.53E-05	2.67E-08	8.07E-08	4.67E-08	4.78E-08	4.33E-08	1.93E-08	1.88E-08	8.92E-10	2.16E-08	4.76E-09	6.49E-09	1.03E-08	1.77E-09	9.89E-09	5.57E-08
4556	476863.09	3859377.25	5.80E-05	5.94E-05	5.66E-05	2.01E-08	6.07E-08	3.51E-08	3.59E-08	3.26E-08	1.45E-08	1.42E-08	6.71E-10	1.62E-08	3.58E-09	4.88E-09	7.74E-09	1.33E-09	7.43E-09	4.18E-08
4557	477363.09	3859377.25	6.38E-05	6.53E-05	6.22E-05	2.21E-08	6.66E-08	3.86E-08	3.95E-08	3.58E-08	1.60E-08	1.56E-08	7.37E-10	1.78E-08	3.93E-09	5.36E-09	8.50E-09	1.46E-09	8.17E-09	4.60E-08
4558	477863.09	3859377.25	1.33E-04	1.36E-04	1.30E-04	4.60E-08	1.39E-07	8.05E-08	8.24E-08	7.47E-08	3.33E-08	3.25E-08	1.54E-09	3.71E-08	8.19E-09	1.12E-08	1.77E-08	3.05E-09	1.70E-08	9.59E-08
4559	478363.09	3859377.25	2.00E-04	2.05E-04	1.96E-04	6.94E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.02E-08	4.89E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.67E-08	4.60E-09	2.57E-08	1.45E-07
4560	478863.09	3859377.25	2.75E-04	2.81E-04	2.68E-04	9.52E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.88E-08	6.71E-08	3.18E-09	7.68E-08	1.69E-08	2.31E-08	3.67E-08	6.31E-09	3.52E-08	1.98E-07
4561	479363.09	3859377.25	3.28E-04	3.36E-04	3.20E-04	1.14E-07	3.43E-07	1.98E-07	2.03E-07	1.84E-07	8.21E-08	8.01E-08	3.79E-09	9.16E-08	2.02E-08	2.76E-08	4.38E-08	7.53E-09	4.20E-08	2.36E-07
4562	479863.09	3859377.25	3.62E-04	3.71E-04	3.53E-04	1.25E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.07E-08	8.84E-08	4.19E-09	1.01E-07	2.23E-08	3.05E-08	4.83E-08	8.32E-09	4.64E-08	2.61E-07
4563	480363.09	3859377.25	3.88E-04	3.97E-04	3.79E-04	1.34E-07	4.06E-07	2.35E-07	2.40E-07	2.18E-07	9.72E-08	9.48E-08	4.49E-09	1.08E-07	2.39E-08	3.26E-08	5.18E-08	8.92E-09	4.97E-08	2.80E-07
4564	480863.09	3859377.25	4.07E-04	4.16E-04	3.97E-04	1.41E-07	4.25E-07	2.46E-07	2.52E-07	2.28E-07	1.02E-07	9.93E-08	4.70E-09	1.14E-07	2.51E-08	3.42E-08	5.43E-08	9.34E-09	5.21E-08	2.93E-07
4565	481363.09	3859377.25	4.19E-04	4.29E-04	4.08E-04	1.45E-07	4.38E-07	2.53E-07	2.59E-07	2.35E-07	1.05E-07	1.02E-07	4.84E-09	1.17E-07	2.58E-08	3.52E-08	5.58E-08	9.62E-09	5.36E-08	3.02E-07
4566	481863.09	3859377.25	4.28E-04	4.38E-04	4.17E-04	1.48E-07	4.47E-07	2.59E-07	2.65E-07	2.40E-07	1.07E-07	1.04E-07	4.94E-09	1.19E-07	2.63E-08	3.60E-08	5.70E-08	9.82E-09	5.48E-08	3.08E-07
4567	482363.09	3859377.25	4.39E-04	4.49E-04	4.28E-04	1.52E-07	4.59E-07	2.66E-07	2.72E-07	2.46E-07	1.10E-07	1.07E-07	5.07E-09	1.23E-07	2.70E-08	3.69E-08	5.85E-08	1.01E-08	5.62E-08	3.16E-07
4568	482863.09	3859377.25	4.57E-04	4.68E-04	4.45E-04	1.58E-07	4.77E-07	2.76E-07	2.83E-07	2.56E-07	1.14E-07	1.11E-07	5.28E-09	1.28E-07	2.81E-08	3.84E-08	6.09E-08	1.05E-08	5.85E-08	3.29E-07
4569	483363.09	3859377.25	4.88E-04	5.00E-04	4.76E-04	1.69E-07	5.10E-07	2.95E-07	3.02E-07	2.74E-07	1.22E-07	1.19E-07	5.64E-09	1.36E-07	3.01E-08	4.10E-08	6.51E-08	1.12E-08	6.25E-08	3.52E-07
4570	483863.09	3859377.25	5.17E-04	5.29E-04	5.04E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.29E-07	1.26E-07	5.97E-09	1.44E-07	3.18E-08	4.34E-08	6.89E-08	1.19E-08	6.62E-08	3.72E-07
4571	484363.09	3859377.25	5.51E-04	5.64E-04	5.38E-04	1.91E-07	5.76E-07	3.34E-07	3.42E-07	3.10E-07	1.38E-07	1.35E-07	6.37E-09	1.54E-07	3.40E-08	4.64E-08	7.36E-08	1.27E-08	7.06E-08	3.98E-07
4572	484863.09	3859377.25	5.94E-04	6.08E-04	5.79E-04	2.06E-07	6.21E-07	3.59E-07	3.68E-07	3.33E-07	1.49E-07	1.45E-07	6.86E-09	1.66E-07	3.66E-08	4.99E-08	7.92E-08	1.36E-08	7.61E-08	4.28E-07
4573	485363.09	3859377.25	6.50E-04	6.65E-04	6.33E-04	2.25E-07	6.79E-07	3.93E-07	4.02E-07	3.65E-07	1.63E-07	1.59E-07	7.51E-09	1.81E-07	4.00E-08	5.46E-08	8.66E-08	1.49E-08	8.32E-08	4.68E-07
4574	485863.09	3859377.25	7.28E-04	7.45E-04	7.10E-04	2.52E-07	7.61E-07	4.41E-07	4.51E-07	4.09E-07	1.82E-07	1.78E-07	8.42E-09	2.03E-07	4.49E-08	6.12E-08	9.71E-08	1.67E-08	9.33E-08	5.25E-07
4575	486363.09	3859377.25	8.40E-04	8.60E-04	8.19E-04	2.91E-07	8.78E-07	5.08E-07	5.20E-07	4.72E-07	2.10E-07	2.05E-07	9.71E-09	2.35E-07	5.18E-08	7.06E-08	1.12E-07	1.93E-08	1.08E-07	6.06E-07
4576	486863.09	3859377.25	9.97E-04	1.02E-03	9.73E-04	3.45E-07	1.04E-06	6.04E-07	6.18E-07	5.60E-07	2.50E-07	2.43E-07	1.15E-08	2.79E-07	6.15E-08	8.39E-08	1.33E-07	2.29E-08	1.28E-07	7.19E-07
4577	487363.09	3859377.25	1.26E-03	1.29E-03	1.22E-03	4.35E-07	1.31E-06	7.60E-07	7.78E-07	7.05E-07	3.14E-07	3.07E-07	1.45E-08	3.51E-07	7.74E-08	1.06E-07	1.68E-07	2.88E-08	1.61E-07	9.05E-07
4578	487863.09	3859377.25	1.77E-03	1.81E-03	1.73E-03	6.13E-07	1.85E-06	1.07E-06	1.10E-06	9.94E-07	4.43E-07	4.32E-07	2.05E-08	4.94E-07	1.09E-07	1.49E-07	2.36E-07	4.07E-08	2.27E-07	1.28E-06
4579	488363.09	3859377.25	2.79E-03	2.85E-03	2.72E-03	9.65E-07	2.91E-06	1.69E-06	1.73E-06	1.57E-06	6.98E-07	6.81E-07	3.22E-08	7.79E-07	1.72E-07	2.34E-07	3.72E-07	6.40E-08	3.57E-07	2.01E-06
4580	488863.09	3859377.25	5.62E-03	5.75E-03	5.48E-03	1.95E-06	5.87E-06	3.40E-06	3.48E-06	3.16E-06	1.41E-06	1.37E-06	6.50E-08	1.57E-06	3.46E-07	4.73E-07	7.50E-07	1.29E-07	7.20E-07	4.05E-06
4581	489363.09	3859377.25	1.52E-02	1.55E-02	1.48E-02	5.25E-06	1.58E-05	9.18E-06	9.39E-06	8.51E-06	3.80E-06	3.70E-06	1.75E-07	4.23E-06	9.34E-07	1.28E-06	2.02E-06	3.48E-07	1.94E-06	1.09E-05
4582	489863.09	3859377.25	5.28E-02	5.40E-02	5.15E-02	1.83E-05	5.52E-05	3.19E-05	3.27E-05	2.96E-05	1.32E-05	1.29E-05	6.10E-07	1.47E-05	3.25E-06	4.44E-06	7.04E-06	1.21E-06	6.76E-06	3.81E-05
4583	490363.09	3859377.25	1.82E-02	1.86E-02	1.77E-02	6.29E-06	1.90E-05	1.10E-05	1.13E-05	1.02E-05	4.55E-06	4.44E-06	2.10E-07	5.07E-06	1.12E-06	1.53E-06	2.42E-06	4.17E-07	2.33E-06	1.31E-05
4584	490863.09	3859377.25	8.92E-03	9.13E-03	8.70E-03	3.09E-06	9.33E-06	5.40E-06	5.53E-06	5.01E-06	2.23E-06	2.18E-06	1.03E-07	2.49E-06	5.50E-07	7.50E-07	1.19E-06	2.05E-07	1.14E-06	6.43E-06
4585	491363.09	3859377.25	4.43E-03	4.54E-03	4.32E-03	1.53E-06	4.63E-06	2.68E-06	2.74E-06	2.49E-06	1.11E-06	1.08E-06	5.12E-08	1.24E-06	2.73E-07	3.73E-07	5.91E-07	1.02E-07	5.68E-07	3.19E-06
4586	491863.09	3859377.25	4.70E-03	4.81E-03	4.59E-03	1.63E-06	4.92E-06	2.85E-06	2.91E-06	2.64E-06	1.18E-06	1.15E-06	5.44E-08	1.31E-06	2.90E-07	3.95E-07	6.27E-07	1.08E-07	6.02E-07	3.39E-06
4587	492363.09	3859377.25	4.01E-03	4.10E-03	3.91E-03	1.39E-06	4.19E-06	2.42E-06	2.48E-06	2.25E-06	1.00E-06	9.78E-07	4.63E-08	1.12E-06	2.47E-07	3.37E-07	5.35E-07	9.20E-08	5.13E-07	2.89E-06
4588	492863.09	3859377.25	3.58E-03	3.67E-03	3.49E-03	1.24E-06	3.74E-06	2.17E-06	2.22E-06	2.01E-06	8.97E-07	8.75E-07	4.14E-08	1.00E-06	2.21E-07	3.01E-07	4.78E-07	8.23E-08	4.59E-07	2.58E-06
4589	493363.09	3859377.25	2.84E-03	2.90E-03	2.77E-03	9.82E-07	2.96E-06	1.72E-06	1.76E-06	1.59E-06	7.10E-07	6.92E-07	3.28E-08	7.92E-07	1.75E-07	2.38E-07	3.78E-07	6.51E-08	3.63E-07	2.04E-06
4590	493863.09	3859377.25	2.49E-03	2.55E-03	2.43E-03	8.63E-07	2.61E-06	1.51E-06	1.54E-06	1.40E-06	6.24E-07	6.09E-07	2.88E-08	6.96E-07	1.54E-07	2.10E-07	3.33E-07	5.73E-08	3.19E-07	1.80E-06
4591	494363.09	3859377.25	2.12E-03	2.17E-03	2.06E-03	7.32E-07	2.21E-06	1.28E-06	1.31E-06	1.19E-06	5.29E-07	5.16E-07	2.44E-08	5.91E-07	1.30E-07	1.78E-07	2.82E-07	4.86E-08	2.71E-07	1.52E-06
4592	494863.09	3859377.25	1.66E-03	1.70E-03	1.62E-03	5.76E-07	1.74E-06	1.01E-06	1.03E-06	9.34E-07	4.16E-07	4.06E-07	1.92E-08	4.65E-07	1.03E-07	1.40E-07	2.22E-07	3.82E-08	2.13E-07	1.20E-06
4593	495363.09	3859377.25	1.50E-03	1.53E-03	1.46E-03	5.18E-07	1.56E-06	9.05E-07	9.27E-07	8.40E-07	3.75E-07	3.65E-07	1.73E-08	4.18E-07	9.22E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
4594	495863.09	3859377.25	1.31E-03	1.34E-03	1.28E-03	4.54E-07	1.37E-06	7.94E-07	8.13E-07	7.37E-07	3.28E-07	3.20E-07	1.52E-08	3.66E-07	8.08E-08	1.10E-07	1.75E-07	3.01E-08	1.68E-07	9.46E-07
4595	496363.09	3859377.25	1.23E-03	1.26E-03	1.20E-03	4.26E-07	1.29E-06	7.45E-07	7.62E-07	6.91E-07	3.08E-07	3.00E-07	1.42E-08	3.44E-07	7.58E-08	1.04E-07	1.64E-07	2.83E-08	1.58E-07	8.88E-07
4596	496863.09	3859377.25	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.11E-06	6.40E-07	6.56E-07	5.94E-07	2.65E-07	2.58E-07	1.22E-08	2.96E-07	6.52E-08	8.90E-08	1.41E-07	2.43E-08	1.36E-07	7.63E-07
4597	497363.09	3859377.25	1.04E-03	1.06E-03	1.01E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.60E-07	2.54E-07	1.20E-08	2.90E-07	6.41E-08	8.75E-08	1.39E-07	2.39E-08	1.33E-07	7.50E-07
4598	497863.09	3859377.25	1.08E-03	1.11E-03	1.05E-03	3.74E-07	1.13E-06	6.54E-07	6.70E-07	6.07E-07	2.71E-07	2.64E-07	1.25E-08	3.02E-07	6.66E-08	9.10E-08	1.44E-07	2.48E-08	1.39E-07	7.80E-07
4599	498363.09	3859377.25	1.10E-03	1.13E-03	1.07E-03	3.81E-07	1.15E-06	6.66E-07	6.82E-07	6.18E-07	2.76E-07	2.69E-07	1.27E-08	3.08E-07	6.79E-08	9.26E-08	1.47E-07	2.53E-08	1.41E-07	7.94E-07
4600	471363.09	3859877.25	2.35E-04	2.41E-04	2.30E-04	8.15E-08	2.46E-07	1.42E-07	1.46E-07	1.32E-07	5.89E-08	5.74E-08	2.72E-09	6.57E-08	1.45E-08	1.98E-08	3.14E-08	5.41E-09	3.01E-08	1.70E-07
4601	471863.09	3859877.25	2.43E-04	2.49E-04	2.37E-04	8.41E-08	2.54E-07	1.47E-07	1.51E-07	1.36E-07	6.08E-08	5.93E-08	2.81E-09	6.79E-08	1.50E-08	2.04E-08	3.24E-08	5.58E-09	3.11E-08	1.75E-07
4602	472363.09	3859877.25	2.50E-04	2.56E-04	2.44E-04	8.65E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.25E-08	6.10E-08	2.89E-09	6.97E-08	1.54E-08	2.10E-08	3.33E-08	5.74E-09	3.20E-08	1.80E-07
4603	472863.09	3859877.25	2.60E-04	2.66E-04	2.53E-04	8.98E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.49E-08	6.33E-08	3.00E-09	7.25E-08	1.60E-08	2.18E-08	3.46E-08	5.96E-09	3.32E-08	1.87E-07
4604	473363.09	3859877.25	2.68E-04	2.75E-04	2.62E-04	9.29E-08	2.81E-07	1.62E-07	1.66E-07	1.51E-07	6.72E-08	6.55E-08	3.10E-09	7.50E-08	1.65E-08	2.26E-08	3.58E-08	6.17E-09	3.44E-08	1.94E-07
4605	473863.09	3859877.25	2.76E-04	2.82E-04	2.69E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	6.91E-08	6.74E-08	3.19E-09	7.70E-08	1.70E-08	2.32E-08	3.68E-08	6.34E-09	3.53E-08	1.99E-07
4606	474363.09	3859877.25	2.68E-04	2.74E-04	2.61E-04	9.28E-08	2.80E-07	1.62E-07	1.66E-07	1.50E-07	6.71E-08	6.54E-08	3.10E-09	7.48E-08	1.65E-08	2.25E-08	3.57E-08	6.15E-09	3.43E-08	1.93E-07
4607	474863.09	3859877.25	2.44E-04	2.50E-04	2.38E-04	8.44E-08	2.55E-07	1.48E-07	1.51E-07	1.37E-07	6.10E-08	5.95E-08	2.82E-09	6.81E-08	1.50E-08	2.05E-08	3.25E-08	5.60E-09	3.12E-08	1.76E-07
4608	475363.09	3859877.25	1.72E-04	1.76E-04	1.68E-04	5.97E-08	1.80E-07	1.04E-07	1.07E-07	9.68E-08	4.31E-08	4.21E-08	1.99E-09	4.81E-08	1.06E-08	1.45E-08	2.30E-08	3.96E-09	2.21E-08	1.24E-07
4609	475863.09	3859877.25	8.69E-05	8.90E-05	8.48E-05	3.01E-08	9.08E-08	5.26E-08	5.38E-08	4.88E-08	2.18E-08	2.12E-08	1.00E-09	2.43E-08	5.36E-09	7.31E-09	1.16E-08	2.00E-09	1.11E-08	6.27E-08
4610	476363.09	3859877.25	4.63E-05	4.74E-05	4.52E-05	1.60E-08	4.84E-08	2.80E-08	2.87E-08	2.60E-08	1.16E-08	1.13E-08	5.35E-10	1.29E-08	2.85E-09	3.90E-09	6.18E-09	1.06E-09	5.93E-09	3.34E-08
4611	476863.09	3859877.25	5.53E-05	5.66E-05	5.39E-05	1.91E-08	5.78E-08	3.35E-08	3.42E-08	3.10E-08	1.38E-08	1.35E-08	6.39E-10	1.54E-08	3.41E-09	4.65E-09	7.38E-09	1.27E-09	7.08E-09	3.99E-08
4612	477363.09	3859877.25	5.95E-05	6.09E-05	5.81E-05	2.06E-08	6.22E-08	3.60E-08	3.69E-08	3.34E-08	1.49E-08	1.45E-08	6.88E-10	1.66E-08	3.67E-09	5.01E-09	7.94E-09	1.37E-09	7.62E-09	4.29E-08
4613	477863.09	3859877.25	1.18E-04	1.21E-04	1.15E-04	4.08E-08	1.23E-07	7.13E-08	7.30E-08	6.61E-08	2.95E-08	2.88E-08	1.36E-09	3.29E-08	7.26E-09	9.91E-09	1.57E-08	2.71E-09	1.51E-08	8.49E-08
4614	478363.09	3859877.25	1.92E-04	1.97E-04	1.88E-04	6.66E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.81E-08	4.69E-08	2.22E-09	5.37E-08	1.18E-08	1.62E-08	2.56E-08	4.42E-09	2.46E-08	1.39E-07
4615	478863.09	3859877.25	2.61E-04	2.67E-04	2.54E-04	9.02E-08	2.72E-07	1.58E-07	1.61E-07	1.46E-07	6.52E-08	6.36E-08	3.01E-09	7.27E-08	1.61E-08	2.19E-08	3.48E-08	5.98E-09	3.34E-08	1.88E-07
4616	479363.09	3859877.25	3.16E-04	3.23E-04	3.08E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.77E-07	7.90E-08	7.71E-08	3.65E-09	8.82E-08	1.95E-08	2.66E-08	4.21E-08	7.25E-09	4.05E-08	2.28E-07
4617	479863.09	3859877.25	3.45E-04	3.53E-04	3.37E-04	1.19E-07	3.61E-07	2.09E-07	2.14E-07	1.94E-07	8.64E-08	8.43E-08	3.99E-09	9.64E-08	2.13E-08	2.90E-08	4.60E-08	7.93E-09	4.42E-08	2.49E-07
4618	480363.09	3859877.25	3.67E-04	3.76E-04	3.58E-04	1.27E-07	3.84E-07	2.22E-07	2.28E-07	2.06E-07	9.19E-08	8.97E-08	4.25E-09	1.03E-07	2.26E-08	3.09E-08	4.90E-08	8.44E-09	4.71E-08	2.65E-07
4619	480863.09	3859877.25	3.84E-04	3.93E-04	3.74E-04	1.33E-07	4.01E-07	2.32E-07	2.38E-07	2.15E-07	9.60E-08	9.36E-08	4.43E-09	1.07E-07	2.36E-08	3.23E-08	5.12E-08	8.81E-09	4.91E-08	2.77E-07
4620	481363.09	3859877.25	3.95E-04	4.04E-04	3.85E-04	1.37E-07	4.13E-07	2.39E-07	2.44E-07	2.22E-07	9.88E-08	9.64E-08	4.56E-09	1.10E-07	2.43E-08	3.32E-08	5.27E-08	9.07E-09	5.06E-08	2.85E-07
4621	481863.09	3859877.25	4.05E-04	4.14E-04	3.95E-04	1.40E-07	4.23E-07	2.45E-07	2.51E-07	2.27E-07	1.01E-07	9.88E-08	4.68E-09	1.13E-07	2.49E-08	3.40E-08	5.40E-08	9.30E-09	5.18E-08	2.92E-07
4622	482363.09	3859877.25	4.19E-04	4.29E-04	4.09E-04	1.45E-07	4.38E-07	2.54E-07	2.60E-07	2.35E-07	1.05E-07	1.02E-07	4.85E-09	1.17E-07	2.58E-08	3.52E-08	5.59E-08	9.63E-09	5.37E-08	3.02E-07
4623	482863.09	3859877.25	4.35E-04	4.46E-04	4.25E-04	1.51E-07	4.55E-07	2.63E-07	2.70E-07	2.44E-07	1.09E-07	1.06E-07	5.03E-09	1.22E-07	2.68E-08	3.66E-08	5.81E-08	1.00E-08	5.58E-08	3.14E-07
4624	483363.09	3859877.25	4.59E-04	4.70E-04	4.48E-04	1.59E-07	4.80E-07	2.78E-07	2.84E-07	2.58E-07	1.15E-07	1.12E-07	5.31E-09	1.28E-07	2.83E-08	3.86E-08	6.13E-08	1.05E-08	5.88E-08	3.31E-07
4625	483863.09	3859877.25	4.92E-04	5.04E-04	4.80E-04	1.70E-07	5.14E-07	2.98E-07	3.05E-07	2.76E-07	1.23E-07	1.20E-07	5.69E-09	1.37E-07	3.03E-08	4.14E-08	6.56E-08	1.13E-08	6.30E-08	3.55E-07
4626	484363.09	3859877.25	5.23E-04	5.36E-04	5.11E-04	1.81E-07	5.47E-07	3.17E-07	3.24E-07	2.94E-07	1.31E-07	1.28E-07	6.05E-09	1.46E-07	3.23E-08	4.40E-08	6.98E-08	1.20E-08	6.71E-08	3.77E-07
4627	484863.09	3859877.25	5.64E-04	5.77E-04	5.50E-04	1.95E-07	5.89E-07	3.41E-07	3.49E-07	3.16E-07	1.41E-07	1.38E-07	6.51E-09	1.57E-07	3.47E-08	4.74E-08	7.52E-08	1.29E-08	7.22E-08	4.06E-07
4628	485363.09	3859877.25	6.16E-04	6.31E-04	6.01E-04	2.13E-07	6.44E-07	3.73E-07	3.82E-07	3.46E-07	1.54E-07	1.50E-07	7.13E-09	1.72E-07	3.80E-08	5.18E-08	8.22E-08	1.42E-08	7.90E-08	4.44E-07
4629	485863.09	3859877.25	6.91E-04	7.07E-04	6.74E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.99E-09	1.93E-07	4.26E-08	5.81E-08	9.22E-08	1.59E-08	8.85E-08	4.98E-07
4630	486363.09	3859877.25	7.99E-04	8.18E-04	7.79E-04	2.76E-07	8.35E-07	4.83E-07	4.95E-07	4.48E-07	2.00E-07	1.95E-07	9.23E-09	2.23E-07	4.92E-08	6.72E-08	1.07E-07	1.83E-08	1.02E-07	5.76E-07
4631	486863.09	3859877.25	9.64E-04	9.87E-04	9.40E-04	3.34E-07	1.01E-06	5.83E-07	5.97E-07	5.41E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.94E-08	8.11E-08	1.29E-07	2.21E-08	1.23E-07	6.95E-07
4632	487363.09	3859877.25	1.18E-03	1.21E-03	1.15E-03	4.08E-07	1.23E-06	7.13E-07	7.29E-07	6.61E-07	2.95E-07	2.87E-07	1.36E-08	3.29E-07	7.26E-08	9.90E-08	1.57E-07	2.71E-08	1.51E-07	8.49E-07
4633	487863.09	3859877.25	1.54E-03	1.58E-03	1.51E-03	5.34E-07	1.61E-06	9.34E-07	9.56E-07	8.66E-07	3.86E-07	3.77E-07	1.78E-08	4.31E-07	9.51E-08	1.30E-07	2.06E-07	3.54E-08	1.98E-07	1.11E-06
4634	488363.09	3859877.25	2.10E-03	2.15E-03	2.05E-03	7.28E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.27E-07	5.14E-07	2.43E-08	5.88E-07	1.30E-07	1.77E-07	2.81E-07	4.83E-08	2.70E-07	1.52E-06
4635	488863.09	3859877.25	3.09E-03	3.16E-03	3.02E-03	1.07E-06	3.23E-06	1.87E-06	1.91E-06	1.74E-06	7.74E-07	7.55E-07	3.57E-08	8.63E-07	1.91E-07	2.60E-07	4.12E-07	7.10E-08	3.96E-07	2.23E-06
4636	489363.09	3859877.25	4.71E-03	4.82E-03	4.59E-03	1.63E-06	4.92E-06	2.85E-06	2.92E-06	2.64E-06	1.18E-06	1.15E-06	5.44E-08	1.31E-06	2.90E-07	3.96E-07	6.28E-07	1.08E-07	6.03E-07	3.39E-06
4637	489863.09	3859877.25	7.90E-03	8.08E-03	7.70E-03	2.73E-06	8.25E-06	4.78E-06	4.89E-06	4.43E-06	1.98E-06	1.93E-06	9.13E-08	2.21E-06	4.87E-07	6.64E-07	1.05E-06	1.81E-07	1.01E-06	5.69E-06
4638	490363.09	3859877.25	1.54E-02	1.58E-02	1.50E-02	5.33E-06	1.61E-05	9.32E-06	9.54E-06	8.65E-06	3.85E-06	3.76E-06	1.78E-07	4.30E-06	9.49E-07	1.30E-06	2.05E-06	3.54E-07	1.97E-06	1.11E-05
4639	490863.09	3859877.25	7.60E-02	7.78E-02	7.41E-02	2.63E-05	7.94E-05	4.60E-05	4.71E-05	4.27E-05	1.90E-05	1.85E-05	8.78E-07	2.12E-05	4.68E-06	6.39E-06	1.01E-05	1.75E-06	9.73E-06	5.48E-05

4640	491363.09	3859877.25	2.43E-02	2.49E-02	2.37E-02	8.42E-06	2.54E-05	1.47E-05	1.51E-05	1.37E-05	6.09E-06	5.94E-06	2.81E-07	6.80E-06	1.50E-06	2.05E-06	3.25E-06	5.59E-07	3.12E-06	1.75E-05
4641	491863.09	3859877.25	1.26E-02	1.29E-02	1.23E-02	4.37E-06	1.32E-05	7.64E-06	7.82E-06	7.09E-06	3.16E-06	3.08E-06	1.46E-07	3.53E-06	7.78E-07	1.06E-06	1.69E-06	2.90E-07	1.62E-06	9.11E-06
4642	492363.09	3859877.25	8.48E-03	8.68E-03	8.27E-03	2.94E-06	8.86E-06	5.13E-06	5.25E-06	4.76E-06	2.12E-06	2.07E-06	9.80E-08	2.37E-06	5.23E-07	7.13E-07	1.13E-06	1.95E-07	1.09E-06	6.11E-06
4643	492863.09	3859877.25	5.88E-03	6.01E-03	5.73E-03	2.03E-06	6.14E-06	3.56E-06	3.64E-06	3.30E-06	1.47E-06	1.43E-06	6.79E-08	1.64E-06	3.62E-07	4.94E-07	7.84E-07	1.35E-07	7.53E-07	4.24E-06
4644	493363.09	3859877.25	4.53E-03	4.63E-03	4.42E-03	1.57E-06	4.73E-06	2.74E-06	2.80E-06	2.54E-06	1.13E-06	1.11E-06	5.23E-08	1.26E-06	2.79E-07	3.81E-07	6.04E-07	1.04E-07	5.80E-07	3.26E-06
4645	493863.09	3859877.25	3.59E-03	3.68E-03	3.51E-03	1.24E-06	3.76E-06	2.18E-06	2.23E-06	2.02E-06	9.00E-07	8.77E-07	4.16E-08	1.00E-06	2.21E-07	3.02E-07	4.80E-07	8.26E-08	4.61E-07	2.59E-06
4646	494363.09	3859877.25	2.82E-03	2.89E-03	2.75E-03	9.78E-07	2.95E-06	1.71E-06	1.75E-06	1.59E-06	7.07E-07	6.89E-07	3.27E-08	7.89E-07	1.74E-07	2.38E-07	3.77E-07	6.49E-08	3.62E-07	2.04E-06
4647	494863.09	3859877.25	2.41E-03	2.46E-03	2.35E-03	8.33E-07	2.52E-06	1.46E-06	1.49E-06	1.35E-06	6.02E-07	5.87E-07	2.78E-08	6.72E-07	1.48E-07	2.02E-07	3.21E-07	5.53E-08	3.08E-07	1.74E-06
4648	495363.09	3859877.25	2.02E-03	2.06E-03	1.97E-03	6.98E-07	2.11E-06	1.22E-06	1.25E-06	1.13E-06	5.05E-07	4.92E-07	2.33E-08	5.63E-07	1.24E-07	1.70E-07	2.69E-07	4.63E-08	2.58E-07	1.45E-06
4649	495863.09	3859877.25	1.70E-03	1.74E-03	1.66E-03	5.90E-07	1.78E-06	1.03E-06	1.06E-06	9.57E-07	4.27E-07	4.16E-07	1.97E-08	4.76E-07	1.05E-07	1.43E-07	2.27E-07	3.92E-08	2.18E-07	1.23E-06
4650	496363.09	3859877.25	1.39E-03	1.42E-03	1.35E-03	4.81E-07	1.45E-06	8.40E-07	8.60E-07	7.79E-07	3.47E-07	3.39E-07	1.60E-08	3.88E-07	8.55E-08	1.17E-07	1.85E-07	3.19E-08	1.78E-07	1.00E-06
4651	496863.09	3859877.25	1.00E-03	1.02E-03	9.76E-04	3.46E-07	1.05E-06	6.05E-07	6.20E-07	5.62E-07	2.50E-07	2.44E-07	1.16E-08	2.79E-07	6.16E-08	8.41E-08	1.33E-07	2.30E-08	1.28E-07	7.21E-07
4652	497363.09	3859877.25	1.10E-03	1.13E-03	1.08E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.76E-07	2.70E-07	1.28E-08	3.08E-07	6.81E-08	9.29E-08	1.47E-07	2.54E-08	1.42E-07	7.96E-07
4653	497863.09	3859877.25	1.20E-03	1.23E-03	1.17E-03	4.17E-07	1.26E-06	7.28E-07	7.46E-07	6.76E-07	3.01E-07	2.94E-07	1.39E-08	3.36E-07	7.42E-08	1.01E-07	1.61E-07	2.77E-08	1.54E-07	8.68E-07
4654	498363.09	3859877.25	1.20E-03	1.23E-03	1.17E-03	4.15E-07	1.25E-06	7.25E-07	7.42E-07	6.72E-07	3.00E-07	2.92E-07	1.38E-08	3.34E-07	7.38E-08	1.01E-07	1.60E-07	2.75E-08	1.53E-07	8.63E-07
4655	471363.09	3860377.25	2.25E-04	2.31E-04	2.20E-04	7.80E-08	2.36E-07	1.36E-07	1.40E-07	1.27E-07	5.64E-08	5.50E-08	2.61E-09	6.29E-08	1.39E-08	1.90E-08	3.01E-08	5.18E-09	2.89E-08	1.62E-07
4656	471863.09	3860377.25	2.32E-04	2.38E-04	2.27E-04	8.04E-08	2.43E-07	1.41E-07	1.44E-07	1.30E-07	5.82E-08	5.67E-08	2.69E-09	6.49E-08	1.43E-08	1.95E-08	3.10E-08	5.34E-09	2.98E-08	1.68E-07
4657	472363.09	3860377.25	2.40E-04	2.46E-04	2.34E-04	8.31E-08	2.51E-07	1.45E-07	1.49E-07	1.35E-07	6.01E-08	5.86E-08	2.78E-09	6.70E-08	1.48E-08	2.02E-08	3.20E-08	5.51E-09	3.08E-08	1.73E-07
4658	472863.09	3860377.25	2.48E-04	2.54E-04	2.42E-04	8.60E-08	2.60E-07	1.50E-07	1.54E-07	1.39E-07	6.21E-08	6.06E-08	2.87E-09	6.93E-08	1.53E-08	2.09E-08	3.31E-08	5.70E-09	3.18E-08	1.79E-07
4659	473363.09	3860377.25	2.56E-04	2.62E-04	2.49E-04	8.85E-08	2.67E-07	1.55E-07	1.58E-07	1.44E-07	6.40E-08	6.24E-08	2.96E-09	7.14E-08	1.58E-08	2.15E-08	3.41E-08	5.87E-09	3.28E-08	1.84E-07
4660	473863.09	3860377.25	2.62E-04	2.68E-04	2.56E-04	9.07E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.56E-08	6.40E-08	3.03E-09	7.32E-08	1.61E-08	2.20E-08	3.49E-08	6.02E-09	3.36E-08	1.89E-07
4661	474363.09	3860377.25	2.64E-04	2.70E-04	2.57E-04	9.14E-08	2.76E-07	1.60E-07	1.64E-07	1.48E-07	6.61E-08	6.44E-08	3.05E-09	7.37E-08	1.63E-08	2.22E-08	3.52E-08	6.06E-09	3.38E-08	1.90E-07
4662	474863.09	3860377.25	2.60E-04	2.66E-04	2.53E-04	8.98E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.49E-08	6.33E-08	3.00E-09	7.25E-08	1.60E-08	2.18E-08	3.46E-08	5.96E-09	3.32E-08	1.87E-07
4663	475363.09	3860377.25	2.40E-04	2.45E-04	2.34E-04	8.29E-08	2.50E-07	1.45E-07	1.48E-07	1.35E-07	6.00E-08	5.85E-08	2.77E-09	6.69E-08	1.48E-08	2.01E-08	3.20E-08	5.50E-09	3.07E-08	1.73E-07
4664	475863.09	3860377.25	2.12E-04	2.17E-04	2.07E-04	7.34E-08	2.22E-07	1.28E-07	1.31E-07	1.19E-07	5.30E-08	5.17E-08	2.45E-09	5.92E-08	1.31E-08	1.78E-08	2.83E-08	4.87E-09	2.71E-08	1.53E-07
4665	476363.09	3860377.25	1.75E-04	1.79E-04	1.71E-04	6.06E-08	1.83E-07	1.06E-07	1.08E-07	9.83E-08	4.38E-08	4.27E-08	2.02E-09	4.89E-08	1.08E-08	1.47E-08	2.34E-08	4.02E-09	2.24E-08	1.26E-07
4666	476863.09	3860377.25	1.59E-04	1.63E-04	1.55E-04	5.50E-08	1.66E-07	9.61E-08	9.84E-08	8.92E-08	3.98E-08	3.88E-08	1.84E-09	4.44E-08	9.79E-09	1.34E-08	2.12E-08	3.65E-09	2.04E-08	1.15E-07
4667	477363.09	3860377.25	9.71E-05	9.94E-05	9.47E-05	3.36E-08	1.02E-07	5.88E-08	6.02E-08	5.45E-08	2.43E-08	2.37E-08	1.12E-09	2.71E-08	5.98E-09	8.17E-09	1.30E-08	2.23E-09	1.24E-08	7.00E-08
4668	477863.09	3860377.25	1.22E-04	1.25E-04	1.19E-04	4.23E-08	1.28E-07	7.40E-08	7.57E-08	6.87E-08	3.06E-08	2.98E-08	1.41E-09	3.41E-08	7.53E-09	1.03E-08	1.63E-08	2.81E-09	1.57E-08	8.82E-08
4669	478363.09	3860377.25	2.01E-04	2.05E-04	1.96E-04	6.95E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.02E-08	4.90E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.68E-08	4.61E-09	2.57E-08	1.45E-07
4670	478863.09	3860377.25	2.53E-04	2.59E-04	2.47E-04	8.76E-08	2.64E-07	1.53E-07	1.57E-07	1.42E-07	6.33E-08	6.18E-08	2.92E-09	7.07E-08	1.56E-08	2.13E-08	3.38E-08	5.81E-09	3.24E-08	1.82E-07
4671	479363.09	3860377.25	2.98E-04	3.05E-04	2.91E-04	1.03E-07	3.12E-07	1.81E-07	1.85E-07	1.68E-07	7.47E-08	7.28E-08	3.45E-09	8.33E-08	1.84E-08	2.51E-08	3.98E-08	6.85E-09	3.82E-08	2.15E-07
4672	479863.09	3860377.25	3.29E-04	3.37E-04	3.21E-04	1.14E-07	3.44E-07	1.99E-07	2.04E-07	1.85E-07	8.24E-08	8.04E-08	3.81E-09	9.19E-08	2.03E-08	2.77E-08	4.39E-08	7.56E-09	4.22E-08	2.37E-07
4673	480363.09	3860377.25	3.49E-04	3.58E-04	3.41E-04	1.21E-07	3.65E-07	2.11E-07	2.16E-07	1.96E-07	8.74E-08	8.53E-08	4.04E-09	9.76E-08	2.15E-08	2.94E-08	4.66E-08	8.03E-09	4.48E-08	2.52E-07
4674	480863.09	3860377.25	3.64E-04	3.72E-04	3.55E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.10E-08	8.88E-08	4.20E-09	1.02E-07	2.24E-08	3.06E-08	4.85E-08	8.35E-09	4.66E-08	2.62E-07
4675	481363.09	3860377.25	3.72E-04	3.81E-04	3.63E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.09E-07	9.31E-08	9.08E-08	4.30E-09	1.04E-07	2.29E-08	3.13E-08	4.96E-08	8.55E-09	4.77E-08	2.68E-07
4676	481863.09	3860377.25	3.84E-04	3.93E-04	3.75E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.62E-08	9.38E-08	4.44E-09	1.07E-07	2.37E-08	3.23E-08	5.13E-08	8.83E-09	4.92E-08	2.77E-07
4677	482363.09	3860377.25	3.97E-04	4.06E-04	3.87E-04	1.37E-07	4.15E-07	2.40E-07	2.46E-07	2.23E-07	9.94E-08	9.69E-08	4.59E-09	1.11E-07	2.45E-08	3.34E-08	5.30E-08	9.12E-09	5.09E-08	2.86E-07
4678	482863.09	3860377.25	4.11E-04	4.21E-04	4.01E-04	1.42E-07	4.30E-07	2.49E-07	2.55E-07	2.31E-07	1.03E-07	1.00E-07	4.75E-09	1.15E-07	2.53E-08	3.46E-08	5.49E-08	9.44E-09	5.27E-08	2.96E-07
4679	483363.09	3860377.25	4.35E-04	4.45E-04	4.24E-04	1.51E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.09E-07	1.06E-07	5.03E-09	1.21E-07	2.68E-08	3.66E-08	5.80E-08	9.99E-09	5.57E-08	3.13E-07
4680	483863.09	3860377.25	4.65E-04	4.76E-04	4.53E-04	1.61E-07	4.86E-07	2.81E-07	2.88E-07	2.61E-07	1.16E-07	1.13E-07	5.37E-09	1.30E-07	2.86E-08	3.91E-08	6.20E-08	1.07E-08	5.96E-08	3.35E-07
4681	484363.09	3860377.25	5.00E-04	5.12E-04	4.87E-04	1.73E-07	5.22E-07	3.02E-07	3.10E-07	2.81E-07	1.25E-07	1.22E-07	5.78E-09	1.40E-07	3.08E-08	4.20E-08	6.67E-08	1.15E-08	6.40E-08	3.60E-07
4682	484863.09	3860377.25	5.41E-04	5.53E-04	5.27E-04	1.87E-07	5.65E-07	3.27E-07	3.35E-07	3.04E-07	1.35E-07	1.32E-07	6.25E-09	1.51E-07	3.33E-08	4.55E-08	7.21E-08	1.24E-08	6.93E-08	3.90E-07
4683	485363.09	3860377.25	5.92E-04	6.06E-04	5.77E-04	2.05E-07	6.18E-07	3.58E-07	3.66E-07	3.32E-07	1.48E-07	1.44E-07	6.84E-09	1.65E-07	3.65E-08	4.98E-08	7.89E-08	1.36E-08	7.58E-08	4.27E-07
4684	485863.09	3860377.25	6.65E-04	6.81E-04	6.49E-04	2.30E-07	6.95E-07	4.02E-07	4.12E-07	3.73E-07	1.66E-07	1.62E-07	7.69E-09	1.86E-07	4.10E-08	5.59E-08	8.87E-08	1.53E-08	8.52E-08	4.79E-07
4685	486363.09	3860377.25	7.58E-04	7.75E-04	7.39E-04	2.62E-07	7.92E-07	4.58E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
4686	486863.09	3860377.25	8.72E-04	8.92E-04	8.50E-04	3.02E-07	9.11E-07	5.28E-07	5.40E-07	4.90E-07	2.18E-07	2.13E-07	1.01E-08	2.43E-07	5.37E-08	7.33E-08	1.16E-07	2.00E-08	1.12E-07	6.29E-07
4687	487363.09	3860377.25	1.02E-03	1.05E-03	9.99E-04	3.55E-07	1.07E-06	6.20E-07	6.35E-07	5.75E-07	2.56E-07	2.50E-07	1.18E-08	2.86E-07	6.31E-08	8.62E-08	1.37E-07	2.35E-08	1.31E-07	7.39E-07
4688	487863.09	3860377.25	1.27E-03	1.30E-03	1.24E-03	4.40E-07	1.33E-06	7.70E-07	7.88E-07	7.14E-07	3.18E-07	3.10E-07	1.47E-08	3.55E-07	7.84E-08	1.07E-07	1.70E-07	2.92E-08	1.63E-07	9.17E-07
4689	488363.09	3860377.25	1.61E-03	1.65E-03	1.57E-03	5.56E-07	1.68E-06	9.72E-07	9.95E-07	9.02E-07	4.02E-07	3.92E-07	1.86E-08	4.49E-07	9.90E-08	1.35E-07	2.14E-07	3.69E-08	2.06E-07	1.16E-06
4690	488863.09	3860377.25	2.06E-03	2.10E-03	2.00E-03	7.12E-07	2.15E-06	1.24E-06	1.27E-06	1.15E-06	5.14E-07	5.02E-07	2.38E-08	5.74E-07	1.27E-07	1.73E-07	2.74E-07	4.72E-08	2.63E-07	1.48E-06
4691	489363.09	3860377.25	2.63E-03	2.69E-03	2.56E-03	9.10E-07	2.75E-06	1.59E-06	1.63E-06	1.48E-06	6.58E-07	6.42E-07	3.04E-08	7.34E-07	1.62E-07	2.21E-07	3.51E-07	6.04E-08	3.37E-07	1.90E-06
4692	489863.09	3860377.25	3.49E-03	3.57E-03	3.40E-03	1.21E-06	3.64E-06	2.11E-06	2.16E-06	1.96E-06	8.73E-07	8.51E-07	4.03E-08	9.73E-07	2.15E-07	2.93E-07	4.65E-07	8.01E-08	4.47E-07	2.51E-06
4693	490363.09	3860377.25	4.65E-03	4.76E-03	4.54E-03	1.61E-06	4.86E-06	2.82E-06	2.88E-06	2.61E-06	1.16E-06	1.14E-06	5.38E-08	1.30E-06	2.87E-07	3.91E-07	6.21E-07	1.07E-07	5.96E-07	3.35E-06
4694	490863.09	3860377.25	6.87E-03	7.03E-03	6.70E-03	2.38E-06	7.18E-06	4.15E-06	4.25E-06	3.86E-06	1.72E-06	1.68E-06	7.94E-08	1.92E-06	4.23E-07	5.77E-07	9.16E-07	1.58E-07	8.80E-07	4.95E-06
4695	491363.09	3860377.25	1.52E-02	1.56E-02	1.49E-02	5.27E-06	1.59E-05	9.21E-06	9.43E-06	8.55E-06	3.81E-06	3.72E-06	1.76E-07	4.25E-06	9.38E-07	1.28E-06	2.03E-06	3.50E-07	1.95E-06	1.10E-05
4696	491863.09	3860377.25	3.05E-02	3.13E-02	2.98E-02	1.06E-05	3.19E-05	1.85E-05	1.89E-05	1.71E-05	7.64E-06	7.46E-06	3.53E-07	8.53E-06	1.88E-06	2.57E-06	4.07E-06	7.01E-07	3.91E-06	2.20E-05
4697	492363.09	3860377.25	1.29E-02	1.32E-02	1.26E-02	4.46E-06	1.35E-05	7.79E-06	7.98E-06	7.23E-06	3.22E-06	3.14E-06	1.49E-07	3.60E-06	7.93E-07	1.08E-06	1.72E-06	2.96E-07	1.65E-06	9.28E-06
4698	492863.09	3860377.25	7.59E-03	7.77E-03	7.41E-03	2.63E-06	7.94E-06	4.60E-06	4.70E-06	4.26E-06	1.90E-06	1.85E-06	8.78E-08	2.12E-06	4.68E-07	6.39E-07	1.01E-06	1.74E-07	9.73E-07	5.48E-06
4699	493363.09	3860377.25	5.13E-03	5.25E-03	5.01E-03	1.78E-06	5.36E-06	3.11E-06	3.18E-06	2.88E-06	1.28E-06	1.25E-06	5.93E-08	1.43E-06	3.16E-07	4.32E-07	6.85E-07	1.18E-07	6.57E-07	3.70E-06
4700	493863.09	3860377.25	3.98E-03	4.08E-03	3.89E-03	1.38E-06	4.16E-06	2.41E-06	2.47E-06	2.24E-06	9.97E-07	9.73E-07	4.61E-08	1.11E-06	2.46E-07	3.35E-07	5.32E-07	9.15E-08	5.10E-07	2.87E-06
4701	494363.09	3860377.25	3.15E-03	3.22E-03	3.07E-03	1.09E-06	3.29E-06	1.90E-06	1.95E-06	1.77E-06	7.87E-07	7.68E-07	3.64E-08	8.78E-07	1.94E-07	2.65E-07	4.20E-07	7.23E-08	4.03E-07	2.27E-06
4702	494863.09	3860377.25	2.66E-03	2.72E-03	2.59E-03	9.20E-07	2.78E-06	1.61E-06	1.65E-06	1.49E-06	6.65E-07	6.49E-07	3.07E-08	7.42E-07	1.64E-07	2.24E-07	3.55E-07	6.11E-08	3.41E-07	1.92E-06
4703	495363.09	3860377.25	2.23E-03	2.28E-03	2.17E-03	7.71E-07	2.33E-06	1.35E-06	1.38E-06	1.25E-06	5.58E-07	5.44E-07	2.58E-08	6.22E-07	1.37E-07	1.87E-07	2.97E-07	5.12E-08	2.85E-07	1.61E-06
4704	495863.09	3860377.25	1.78E-03	1.82E-03	1.74E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.46E-07	4.35E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.09E-08	2.28E-07	1.29E-06
4705	496363.09	3860377.25	1.44E-03	1.47E-03	1.40E-03	4.97E-07	1.50E-06	8.69E-07	8.89E-07	8.06E-07	3.59E-07	3.50E-07	1.66E-08	4.01E-07	8.85E-08	1.21E-07	1.92E-07	3.30E-08	1.84E-07	1.04E-06
4706	496863.09	3860377.25	1.21E-03	1.24E-03	1.18E-03	4.19E-07	1.27E-06	7.33E-07	7.50E-07	6.80E-07	3.03E-07	2.96E-07	1.40E-08	3.38E-07	7.46E-08	1.02E-07	1.62E-07	2.78E-08	1.55E-07	8.73E-07
4707	497363.09	3860377.25	1.01E-03	1.03E-03	9.82E-04	3.48E-07	1.05E-06	6.09E-07	6.23E-07	5.65E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.20E-08	8.46E-08	1.34E-07	2.31E-08	1.29E-07	7.26E-07
4708	497863.09	3860377.25	1.10E-03	1.13E-03	1.07E-03	3.81E-07	1.15E-06	6.65E-07	6.81E-07	6.17E-07	2.75E-07	2.68E-07	1.27E-08	3.07E-07	6.78E-08	9.25E-08	1.47E-07	2.53E-08	1.41E-07	7.93E-07
4709	498363.09	3860377.25	1.13E-03	1.16E-03	1.11E-03	3.92E-07	1.18E-06	6.86E-07	7.02E-07	6.36E-07	2.84E-07	2.77E-07	1.31E-08	3.17E-07	6.98E-08	9.53E-08	1.51E-07	2.60E-08	1.45E-07	8.17E-07
4710	471363.09	3860877.25	2.19E-04	2.24E-04	2.14E-04	7.58E-08	2.29E-07	1.32E-07	1.36E-07	1.23E-07	5.48E-08	5.34E-08	2.53E-09	6.11E-08	1.35E-08	1.84E-08	2.92E-08	5.03E-09	2.80E-08	1.58E-07
4711	471863.09	3860877.25	2.26E-04	2.31E-04	2.20E-04	7.81E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.65E-08	5.51E-08	2.61E-09	6.30E-08	1.39E-08	1.90E-08	3.01E-08	5.18E-09	2.89E-08	1.63E-07
4712	472363.09	3860877.25	2.32E-04	2.38E-04	2.26E-04	8.03E-08	2.43E-07	1.40E-07	1.44E-07	1.30E-07	5.81E-08	5.67E-08	2.68E-09	6.48E-08	1.43E-08	1.95E-08	3.10E-08	5.33E-09	2.97E-08	1.67E-07
4713	472863.09	3860877.25	2.39E-04	2.45E-04	2.33E-04	8.28E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	5.99E-08	5.84E-08	2.77E-09	6.68E-08	1.47E-08	2.01E-08	3.19E-08	5.50E-09	3.07E-08	1.73E-07
4714	473363.09	3860877.25	2.46E-04	2.51E-04	2.39E-04	8.50E-08	2.57E-07	1.49E-07	1.52E-07	1.38E-07	6.15E-08	5.99E-08	2.84E-09	6.86E-08	1.51E-08	2.06E-08	3.28E-08	5.64E-09	3.15E-08	1.77E-07
4715	473863.09	3860877.25	2.52E-04	2.57E-04	2.45E-04	8.71E-08	2.63E-07	1.52E-07	1.56E-07	1.41E-07	6.30E-08	6.14E-08	2.91E-09	7.02E-08	1.55E-08	2.12E-08	3.36E-08	5.78E-09	3.22E-08	1.81E-07
4716	474363.09	3860877.25	2.57E-04	2.63E-04	2.51E-04	8.90E-08	2.69E-07	1.56E-07	1.59E-07	1.44E-07	6.43E-08	6.27E-08	2.97E-09	7.18E-08	1.58E-08	2.16E-08	3.43E-08	5.90E-09	3.29E-08	1.85E-07
4717	474863.09	3860877.25	2.62E-04	2.68E-04	2.56E-04	9.07E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.56E-08	6.40E-08	3.03E-09	7.32E-08	1.61E-08	2.20E-08	3.49E-08	6.02E-09	3.36E-08	1.89E-07
4718	475363.09	3860877.25	2.61E-04	2.67E-04	2.55E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.54E-08	6.38E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.00E-09	3.35E-08	1.88E-07
4719	475863.09	3860877.25	2.54E-04	2.60E-04	2.48E-04	8.79E-08	2.66E-07	1.54E-07	1.57E-07	1.43E-07	6.36E-08	6.20E-08	2.94E-09	7.09E-08	1.57E-08	2.14E-08	3.39E-08	5.83E-09	3.25E-08	1.83E-07
4720	476363.09	3860877.25	2.36E-04	2.42E-04	2.30E-04	8.17E-08	2.47E-07	1.43E-07	1.46E-07	1.33E-07	5.91E-08	5.76E-08	2.73E-09	6.59E-08	1.45E-08	1.99E-08	3.15E-08	5.42E-09	3.02E-08	1.70E-07
4721	476863.09	3860877.25	2.27E-04	2.33E-04	2.22E-04	7.87E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.69E-08	5.55E-08	2.63E-09	6.35E-08	1.40E-08	1.91E-08	3.03E-08	5.22E-09	2.91E-08	1.64E-07
4722	477363.09	3860877.25	2.29E-04	2.34E-04	2.23E-04	7.91E-08	2.39E-07	1.38E-07	1.42E-07	1.28E-07	5.72E-08	5.58E-08	2.64E-09	6.38E-08	1.41E-08	1.92E-08	3.05E-08	5.25E-09	2.93E-08	1.65E-07
4723	477863.09	3860877.25	2.06E-04	2.11E-04	2.01E-04	7.14E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.16E-08	5.03E-08	2.38E-09	5.76E-08	1.27E-08	1.73E-08	2.75E-08	4.74E-09	2.64E-08	1.49E-07
4724	478363.09	3860877.25	1.38E-04	1.42E-04	1.35E-04	4.79E-08	1.45E-07	8.38E-08	8.58E-08	7.77E-08	3.47E-08	3.38E-08	1.60E-09	3.87E-08	8.53E-09	1.16E-08	1.85E-08	3.18E-09	1.77E-08	9.98E-08
4725	478863.09	3860877.25	2.36E-04	2.41E-04	2.30E-04	8.16E-08	2.46E-07	1.43E-07	1.46E-07	1.32E-07	5.90E-08	5.75E-08	2.72E-09	6.58E-08	1.45E-08	1.98E-08	3.14E-08	5.41E-09	3.02E-08	1.70E-07
4726	479363.09	3860877.25	2.84E-04	2.91E-04	2.77E-04	9.85E-08	2.97E-07	1.72E-07	1.76E-07	1.60E-07	7.12E-08	6.94E-08	3.29E-09	7.94E-08	1.75E-08	2.39E-08	3.79E-08	6.53E-09	3.64E-08	2.05E-07
4727	479863.09	3860877.25	3.14E-04	3.21E-04	3.06E-04	1.09E-07	3.28E-07	1.90E-07	1.94E-07	1.76E-07	7.85E-08	7.66E-08	3.63E-09	8.76E-08	1.93E-08	2.64E-08	4.19E-08	7.21E-09	4.02E-08	2.26E-07
4728	480363.09	3860877.25	3.33E-04	3.41E-04	3.25E-04	1.15E-07	3.48E-07	2.01E-07	2.06E-07	1.87E-07	8.33E-08	8.12E-08	3.85E-09	9.29E-08	2.05E-08	2.80E-08	4.44E-08	7.64E-09	4.26E-08	2.40E-07
4729	480863.09	3860877.25	3.43E-04	3.51E-04	3.35E-04	1.19E-07	3.59E-07	2.08E-07	2.13E-07	1.93E-07	8.59E-08	8.38E-08	3.97E-09	9.58E-08	2.11E-08	2.89E-08	4.58E-08	7.88E-09	4.40E-08	2.47E-07
4730	481363.09	3860877.25	3.53E-04	3.61E-04	3.44E-04	1.22E-07	3.69E-07	2.13E-07	2.18E-07	1.98E-07	8.83E-08	8.61E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.70E-08	8.10E-09	4.52E-08	2.54E-07
4731	481863.09	3860877.25	3.64E-04	3.72E-04	3.55E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.10E-08	8.88E-08	4.20E-09	1.02E-07	2.24E-08	3.06E-08	4.85E-08	8.35E-09	4.66E-08	2.62E-07
4732	482363.09	3860877.25	3.78E-04	3.87E-04	3.68E-04	1.31E-07	3.95E-07	2.29E-07	2.34E-07	2.12E-07	9.46E-08	9.22E-08	4.37E-09	1.05E-07	2.33E-08	3.18E-08	5.04E-08	8.68E-09	4.84E-08	2.72E-07
4733	482863.09	3860877.25	3.94E-04	4.03E-04	3.84E-04	1.36E-07	4.12E-07	2.38E-07	2.44E-07	2.21E-07	9.86E-08	9.62E-08	4.55E-09	1.10E-07	2.43E-08	3.31E-08	5.26E-08	9.05E-09	5.05E-08	2.84E-07
4734	483363.09	3860877.25	4.16E-04	4.26E-04	4.06E-04	1.44E-07	4.35E-07	2.52E-07	2.58E-07	2.34E-07	1.04E-07	1.02E-07	4.81E-09	1.16E-07	2.57E-08	3.50E-08	5.55E-08	9.56E-09	5.33E-08	3.00E-07
4735	483863.09	3860877.25	4.47E-04	4.57E-04	4.36E-04	1.55E-07	4.67E-07	2.70E-07	2.77E-07	2.51E-07	1.12E-07	1.09E-07	5.16E-09	1.25E-07	2.75E-08	3.75E-08	5.96E-08	1.03E-08	5.72E-08	3.22E-07
4736	484363.09	3860877.25	4.83E-04	4.94E-04	4.71E-04	1.67E-07	5.05E-07	2.92E-07	2.99E-07	2.71E-07	1.21E-07	1.18E-07	5.58E-09	1.35E-07	2.98E-08	4.06E-08	6.44E-08	1.11E-08	6.19E-08	3.48E-07
4737	484863.09	3860877.25	5.18E-04	5.30E-04	5.05E-04	1.79E-07	5.42E-07	3.14E-07	3.21E-07	2.91E-07	1.30E-07	1.27E-07	5.99E-09	1.45E-07	3.19E-08	4.36E-08	6.91E-08	1.19E-08	6.64E-08	3.74E-07
4738	485363.09	3860877.25	5.68E-04	5.81E-04	5.54E-04	1.97E-07	5.93E-07	3.44E-07	3.52E-07	3.19E-07	1.42E-07	1.39E-07	6.56E-09	1.59E-07	3.50E-08	4.77E-08	7.57E-08	1.30E-08	7.27E-08	4.09E-07
4739	485863.09	3860877.25	6.28E-04	6.43E-04	6.12E-04	2.17E-07	6.56E-07	3.80E-07	3.89E-07	3.52E-07	1.57E-07	1.53E-07	7.26E-09	1.75E-07	3.87E-08	5.28E-08	8.38E-08	1.44E-08	8.04E-08	4.53E-07
4740	486363.09	3860877.25	6.90E-04	7.07E-04	6.73E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.98E-09	1.93E-07	4.25E-08	5.81E-08	9.21E-08	1.59E-08	8.84E-08	4.98E-07

4741	486863.09	3860877.25	7.77E-04	7.96E-04	7.58E-04	2.69E-07	8.12E-07	4.70E-07	4.81E-07	4.36E-07	1.95E-07	1.90E-07	8.98E-09	2.17E-07	4.79E-08	6.54E-08	1.04E-07	1.79E-08	9.96E-08	5.60E-07
4742	487363.09	3860877.25	8.94E-04	9.15E-04	8.72E-04	3.10E-07	9.35E-07	5.41E-07	5.54E-07	5.02E-07	2.24E-07	2.18E-07	1.03E-08	2.50E-07	5.51E-08	7.52E-08	1.19E-07	2.05E-08	1.15E-07	6.45E-07
4743	487863.09	3860877.25	1.05E-03	1.07E-03	1.02E-03	3.62E-07	1.09E-06	6.33E-07	6.48E-07	5.87E-07	2.62E-07	2.55E-07	1.21E-08	2.92E-07	6.44E-08	8.79E-08	1.39E-07	2.40E-08	1.34E-07	7.54E-07
4744	488363.09	3860877.25	1.28E-03	1.31E-03	1.24E-03	4.42E-07	1.33E-06	7.72E-07	7.90E-07	7.16E-07	3.19E-07	3.11E-07	1.47E-08	3.56E-07	7.86E-08	1.07E-07	1.70E-07	2.93E-08	1.63E-07	9.20E-07
4745	488863.09	3860877.25	1.48E-03	1.52E-03	1.44E-03	5.13E-07	1.55E-06	8.96E-07	9.17E-07	8.31E-07	3.71E-07	3.61E-07	1.71E-08	4.13E-07	9.12E-08	1.25E-07	1.98E-07	3.40E-08	1.90E-07	1.07E-06
4746	489363.09	3860877.25	1.78E-03	1.83E-03	1.74E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	1.00E-06	4.46E-07	4.35E-07	2.06E-08	4.98E-07	1.10E-07	1.50E-07	2.38E-07	4.10E-08	2.28E-07	1.29E-06
4747	489863.09	3860877.25	2.03E-03	2.08E-03	1.98E-03	7.03E-07	2.12E-06	1.23E-06	1.26E-06	1.14E-06	5.08E-07	4.96E-07	2.35E-08	5.67E-07	1.25E-07	1.71E-07	2.71E-07	4.66E-08	2.60E-07	1.46E-06
4748	490363.09	3860877.25	2.45E-03	2.51E-03	2.39E-03	8.49E-07	2.56E-06	1.48E-06	1.52E-06	1.38E-06	6.14E-07	5.99E-07	2.84E-08	6.85E-07	1.51E-07	2.06E-07	3.27E-07	5.64E-08	3.14E-07	1.77E-06
4749	490863.09	3860877.25	3.01E-03	3.08E-03	2.93E-03	1.04E-06	3.14E-06	1.82E-06	1.86E-06	1.69E-06	7.53E-07	7.34E-07	3.48E-08	8.40E-07	1.85E-07	2.53E-07	4.01E-07	6.91E-08	3.85E-07	2.17E-06
4750	491363.09	3860877.25	3.61E-03	3.70E-03	3.53E-03	1.25E-06	3.78E-06	2.19E-06	2.24E-06	2.03E-06	9.05E-07	8.82E-07	4.18E-08	1.01E-06	2.23E-07	3.04E-07	4.82E-07	8.30E-08	4.63E-07	2.61E-06
4751	491863.09	3860877.25	3.93E-03	4.02E-03	3.83E-03	1.36E-06	4.10E-06	2.38E-06	2.43E-06	2.20E-06	9.83E-07	9.59E-07	4.54E-08	1.10E-06	2.42E-07	3.30E-07	5.24E-07	9.02E-08	5.03E-07	2.83E-06
4752	492363.09	3860877.25	3.80E-03	3.89E-03	3.71E-03	1.32E-06	3.98E-06	2.30E-06	2.36E-06	2.14E-06	9.52E-07	9.28E-07	4.40E-08	1.06E-06	2.34E-07	3.20E-07	5.07E-07	8.74E-08	4.87E-07	2.74E-06
4753	492863.09	3860877.25	3.69E-03	3.78E-03	3.60E-03	1.28E-06	3.86E-06	2.23E-06	2.29E-06	2.07E-06	9.24E-07	9.01E-07	4.27E-08	1.03E-06	2.27E-07	3.10E-07	4.92E-07	8.48E-08	4.73E-07	2.66E-06
4754	493363.09	3860877.25	3.28E-03	3.36E-03	3.20E-03	1.14E-06	3.43E-06	1.98E-06	2.03E-06	1.84E-06	8.21E-07	8.01E-07	3.79E-08	9.16E-07	2.02E-07	2.76E-07	4.38E-07	7.53E-08	4.20E-07	2.36E-06
4755	493863.09	3860877.25	2.78E-03	2.85E-03	2.71E-03	9.63E-07	2.91E-06	1.68E-06	1.72E-06	1.56E-06	6.96E-07	6.79E-07	3.21E-08	7.77E-07	1.71E-07	2.34E-07	3.71E-07	6.39E-08	3.56E-07	2.01E-06
4756	494363.09	3860877.25	2.40E-03	2.46E-03	2.34E-03	8.31E-07	2.51E-06	1.45E-06	1.49E-06	1.35E-06	6.00E-07	5.86E-07	2.77E-08	6.70E-07	1.48E-07	2.02E-07	3.20E-07	5.51E-08	3.07E-07	1.73E-06
4757	494863.09	3860877.25	2.11E-03	2.15E-03	2.05E-03	7.29E-07	2.20E-06	1.27E-06	1.30E-06	1.18E-06	5.27E-07	5.14E-07	2.43E-08	5.88E-07	1.30E-07	1.77E-07	2.81E-07	4.84E-08	2.70E-07	1.52E-06
4758	495363.09	3860877.25	1.87E-03	1.92E-03	1.83E-03	6.48E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.69E-07	4.57E-07	2.16E-08	5.23E-07	1.15E-07	1.57E-07	2.50E-07	4.30E-08	2.40E-07	1.35E-06
4759	495863.09	3860877.25	1.67E-03	1.71E-03	1.63E-03	5.79E-07	1.75E-06	1.01E-06	1.04E-06	9.39E-07	4.19E-07	4.08E-07	1.93E-08	4.67E-07	1.03E-07	1.41E-07	2.23E-07	3.84E-08	2.14E-07	1.21E-06
4760	496363.09	3860877.25	1.52E-03	1.55E-03	1.48E-03	5.25E-07	1.58E-06	9.17E-07	9.39E-07	8.51E-07	3.79E-07	3.70E-07	1.75E-08	4.23E-07	9.34E-08	1.27E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
4761	496863.09	3860877.25	1.28E-03	1.31E-03	1.25E-03	4.44E-07	1.34E-06	7.77E-07	7.95E-07	7.21E-07	3.21E-07	3.13E-07	1.48E-08	3.58E-07	7.91E-08	1.08E-07	1.71E-07	2.95E-08	1.64E-07	9.25E-07
4762	497363.09	3860877.25	1.19E-03	1.21E-03	1.16E-03	4.10E-07	1.24E-06	7.17E-07	7.34E-07	6.66E-07	2.97E-07	2.89E-07	1.37E-08	3.31E-07	7.30E-08	9.97E-08	1.58E-07	2.72E-08	1.52E-07	8.55E-07
4763	497863.09	3860877.25	1.07E-03	1.10E-03	1.05E-03	3.71E-07	1.12E-06	6.49E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.61E-08	9.02E-08	1.43E-07	2.46E-08	1.37E-07	7.74E-07
4764	498363.09	3860877.25	1.05E-03	1.08E-03	1.03E-03	3.65E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.64E-07	2.57E-07	1.22E-08	2.94E-07	6.49E-08	8.86E-08	1.40E-07	2.42E-08	1.35E-07	7.59E-07
4765	471363.09	3861377.25	2.13E-04	2.18E-04	2.08E-04	7.38E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.34E-08	5.20E-08	2.46E-09	5.95E-08	1.31E-08	1.79E-08	2.84E-08	4.90E-09	2.73E-08	1.54E-07
4766	471863.09	3861377.25	2.19E-04	2.24E-04	2.14E-04	7.59E-08	2.29E-07	1.33E-07	1.36E-07	1.23E-07	5.49E-08	5.35E-08	2.53E-09	6.12E-08	1.35E-08	1.84E-08	2.92E-08	5.03E-09	2.81E-08	1.58E-07
4767	472363.09	3861377.25	2.25E-04	2.30E-04	2.19E-04	7.78E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.63E-08	5.49E-08	2.60E-09	6.28E-08	1.39E-08	1.89E-08	3.00E-08	5.17E-09	2.88E-08	1.62E-07
4768	472863.09	3861377.25	2.31E-04	2.37E-04	2.25E-04	8.00E-08	2.42E-07	1.40E-07	1.43E-07	1.30E-07	5.78E-08	5.64E-08	2.67E-09	6.45E-08	1.42E-08	1.94E-08	3.08E-08	5.31E-09	2.96E-08	1.67E-07
4769	473363.09	3861377.25	2.37E-04	2.42E-04	2.31E-04	8.20E-08	2.48E-07	1.43E-07	1.47E-07	1.33E-07	5.93E-08	5.78E-08	2.74E-09	6.61E-08	1.46E-08	1.99E-08	3.16E-08	5.44E-09	3.03E-08	1.71E-07
4770	473863.09	3861377.25	2.42E-04	2.48E-04	2.36E-04	8.39E-08	2.53E-07	1.47E-07	1.50E-07	1.36E-07	6.06E-08	5.91E-08	2.80E-09	6.77E-08	1.49E-08	2.04E-08	3.23E-08	5.57E-09	3.10E-08	1.75E-07
4771	474363.09	3861377.25	2.49E-04	2.54E-04	2.42E-04	8.60E-08	2.60E-07	1.50E-07	1.54E-07	1.40E-07	6.22E-08	6.07E-08	2.87E-09	6.94E-08	1.53E-08	2.09E-08	3.32E-08	5.71E-09	3.18E-08	1.79E-07
4772	474863.09	3861377.25	2.53E-04	2.59E-04	2.47E-04	8.76E-08	2.64E-07	1.53E-07	1.57E-07	1.42E-07	6.33E-08	6.18E-08	2.92E-09	7.07E-08	1.56E-08	2.13E-08	3.38E-08	5.81E-09	3.24E-08	1.82E-07
4773	475363.09	3861377.25	2.59E-04	2.65E-04	2.53E-04	8.97E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.49E-08	6.33E-08	3.00E-09	7.24E-08	1.60E-08	2.18E-08	3.46E-08	5.95E-09	3.32E-08	1.87E-07
4774	475863.09	3861377.25	2.61E-04	2.67E-04	2.55E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.54E-08	6.38E-08	3.02E-09	7.29E-08	1.61E-08	2.20E-08	3.49E-08	6.00E-09	3.35E-08	1.88E-07
4775	476363.09	3861377.25	2.59E-04	2.65E-04	2.53E-04	8.97E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.49E-08	6.33E-08	3.00E-09	7.24E-08	1.60E-08	2.18E-08	3.46E-08	5.95E-09	3.32E-08	1.87E-07
4776	476863.09	3861377.25	2.57E-04	2.63E-04	2.50E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.43E-08	6.27E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	5.90E-09	3.29E-08	1.85E-07
4777	477363.09	3861377.25	2.56E-04	2.62E-04	2.49E-04	8.85E-08	2.67E-07	1.55E-07	1.58E-07	1.44E-07	6.40E-08	6.24E-08	2.96E-09	7.14E-08	1.58E-08	2.15E-08	3.41E-08	5.87E-09	3.28E-08	1.84E-07
4778	477863.09	3861377.25	2.28E-04	2.33E-04	2.22E-04	7.88E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.70E-08	5.56E-08	2.63E-09	6.36E-08	1.40E-08	1.91E-08	3.04E-08	5.23E-09	2.92E-08	1.64E-07
4779	478363.09	3861377.25	1.59E-04	1.63E-04	1.55E-04	5.50E-08	1.66E-07	9.61E-08	9.84E-08	8.92E-08	3.98E-08	3.88E-08	1.84E-09	4.44E-08	9.79E-09	1.34E-08	2.12E-08	3.65E-09	2.04E-08	1.15E-07
4780	478863.09	3861377.25	1.83E-04	1.87E-04	1.78E-04	6.32E-08	1.91E-07	1.10E-07	1.13E-07	1.02E-07	4.57E-08	4.46E-08	2.11E-09	5.10E-08	1.12E-08	1.54E-08	2.44E-08	4.19E-09	2.34E-08	1.32E-07
4781	479363.09	3861377.25	2.63E-04	2.69E-04	2.56E-04	9.10E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.58E-08	6.42E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.04E-09	3.37E-08	1.90E-07
4782	479863.09	3861377.25	2.97E-04	3.04E-04	2.89E-04	1.03E-07	3.10E-07	1.79E-07	1.84E-07	1.67E-07	7.42E-08	7.24E-08	3.43E-09	8.28E-08	1.83E-08	2.49E-08	3.96E-08	6.81E-09	3.80E-08	2.14E-07
4783	480363.09	3861377.25	3.18E-04	3.25E-04	3.10E-04	1.10E-07	3.32E-07	1.92E-07	1.97E-07	1.78E-07	7.95E-08	7.76E-08	3.67E-09	8.87E-08	1.96E-08	2.67E-08	4.24E-08	7.30E-09	4.07E-08	2.29E-07
4784	480863.09	3861377.25	3.27E-04	3.35E-04	3.19E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.20E-08	7.99E-08	3.79E-09	9.14E-08	2.02E-08	2.75E-08	4.37E-08	7.52E-09	4.20E-08	2.36E-07
4785	481363.09	3861377.25	3.37E-04	3.45E-04	3.29E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.89E-07	8.45E-08	8.24E-08	3.90E-09	9.42E-08	2.08E-08	2.84E-08	4.50E-08	7.75E-09	4.32E-08	2.43E-07
4786	481863.09	3861377.25	3.50E-04	3.58E-04	3.41E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.96E-07	8.76E-08	8.54E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.04E-09	4.48E-08	2.52E-07
4787	482363.09	3861377.25	3.64E-04	3.72E-04	3.55E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.11E-08	8.88E-08	4.21E-09	1.02E-07	2.24E-08	3.06E-08	4.85E-08	8.36E-09	4.66E-08	2.62E-07
4788	482863.09	3861377.25	3.80E-04	3.89E-04	3.70E-04	1.31E-07	3.97E-07	2.30E-07	2.35E-07	2.13E-07	9.50E-08	9.26E-08	4.39E-09	1.06E-07	2.34E-08	3.19E-08	5.06E-08	8.72E-09	4.86E-08	2.74E-07
4789	483363.09	3861377.25	4.01E-04	4.10E-04	3.91E-04	1.39E-07	4.19E-07	2.42E-07	2.48E-07	2.25E-07	1.00E-07	9.78E-08	4.63E-09	1.12E-07	2.47E-08	3.37E-08	5.35E-08	9.20E-09	5.13E-08	2.89E-07
4790	483863.09	3861377.25	4.31E-04	4.41E-04	4.20E-04	1.49E-07	4.51E-07	2.61E-07	2.67E-07	2.42E-07	1.08E-07	1.05E-07	4.98E-09	1.20E-07	2.66E-08	3.63E-08	5.75E-08	9.90E-09	5.52E-08	3.11E-07
4791	484363.09	3861377.25	4.64E-04	4.75E-04	4.53E-04	1.61E-07	4.85E-07	2.81E-07	2.88E-07	2.61E-07	1.16E-07	1.13E-07	5.37E-09	1.30E-07	2.86E-08	3.90E-08	6.19E-08	1.07E-08	5.95E-08	3.35E-07
4792	484863.09	3861377.25	4.96E-04	5.08E-04	4.84E-04	1.72E-07	5.19E-07	3.00E-07	3.07E-07	2.79E-07	1.24E-07	1.21E-07	5.74E-09	1.39E-07	3.06E-08	4.17E-08	6.62E-08	1.14E-08	6.36E-08	3.58E-07
4793	485363.09	3861377.25	5.26E-04	5.38E-04	5.13E-04	1.82E-07	5.50E-07	3.18E-07	3.26E-07	2.95E-07	1.32E-07	1.28E-07	6.08E-09	1.47E-07	3.24E-08	4.42E-08	7.02E-08	1.21E-08	6.74E-08	3.79E-07
4794	485863.09	3861377.25	5.70E-04	5.84E-04	5.56E-04	1.97E-07	5.96E-07	3.45E-07	3.53E-07	3.20E-07	1.43E-07	1.39E-07	6.59E-09	1.59E-07	3.51E-08	4.80E-08	7.61E-08	1.31E-08	7.31E-08	4.11E-07
4795	486363.09	3861377.25	6.22E-04	6.37E-04	6.07E-04	2.15E-07	6.50E-07	3.76E-07	3.85E-07	3.49E-07	1.56E-07	1.52E-07	7.19E-09	1.74E-07	3.83E-08	5.23E-08	8.30E-08	1.43E-08	7.97E-08	4.48E-07
4796	486863.09	3861377.25	6.90E-04	7.07E-04	6.73E-04	2.39E-07	7.22E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.98E-09	1.93E-07	4.25E-08	5.81E-08	9.21E-08	1.59E-08	8.84E-08	4.98E-07
4797	487363.09	3861377.25	7.76E-04	7.94E-04	7.57E-04	2.69E-07	8.11E-07	4.69E-07	4.80E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.94E-08	5.59E-07
4798	487863.09	3861377.25	8.77E-04	8.98E-04	8.56E-04	3.04E-07	9.17E-07	5.31E-07	5.43E-07	4.93E-07	2.20E-07	2.14E-07	1.01E-08	2.45E-07	5.41E-08	7.38E-08	1.17E-07	2.02E-08	1.12E-07	6.33E-07
4799	488363.09	3861377.25	9.83E-04	1.01E-03	9.59E-04	3.40E-07	1.03E-06	5.95E-07	6.09E-07	5.52E-07	2.46E-07	2.40E-07	1.14E-08	2.75E-07	6.06E-08	8.27E-08	1.31E-07	2.26E-08	1.26E-07	7.09E-07
4800	488863.09	3861377.25	1.12E-03	1.15E-03	1.09E-03	3.88E-07	1.17E-06	6.79E-07	6.95E-07	6.30E-07	2.81E-07	2.74E-07	1.30E-08	3.13E-07	6.91E-08	9.43E-08	1.50E-07	2.58E-08	1.44E-07	8.09E-07
4801	489363.09	3861377.25	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.11E-07	3.03E-07	1.43E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.85E-08	1.59E-07	8.95E-07
4802	489863.09	3861377.25	1.38E-03	1.42E-03	1.35E-03	4.79E-07	1.45E-06	8.37E-07	8.57E-07	7.77E-07	3.46E-07	3.38E-07	1.60E-08	3.86E-07	8.52E-08	1.16E-07	1.85E-07	3.18E-08	1.77E-07	9.97E-07
4803	490363.09	3861377.25	1.50E-03	1.53E-03	1.46E-03	5.18E-07	1.56E-06	9.05E-07	9.27E-07	8.40E-07	3.75E-07	3.65E-07	1.73E-08	4.18E-07	9.22E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
4804	490863.09	3861377.25	1.64E-03	1.68E-03	1.60E-03	5.68E-07	1.71E-06	9.93E-07	1.02E-06	9.21E-07	4.11E-07	4.00E-07	1.90E-08	4.58E-07	1.01E-07	1.38E-07	2.19E-07	3.77E-08	2.10E-07	1.18E-06
4805	491363.09	3861377.25	1.72E-03	1.77E-03	1.68E-03	5.97E-07	1.80E-06	1.04E-06	1.07E-06	9.68E-07	4.32E-07	4.21E-07	1.99E-08	4.82E-07	1.06E-07	1.45E-07	2.30E-07	3.96E-08	2.21E-07	1.24E-06
4806	491863.09	3861377.25	1.70E-03	1.74E-03	1.66E-03	5.88E-07	1.78E-06	1.03E-06	1.05E-06	9.54E-07	4.25E-07	4.15E-07	1.96E-08	4.74E-07	1.05E-07	1.43E-07	2.27E-07	3.90E-08	2.18E-07	1.22E-06
4807	492363.09	3861377.25	1.72E-03	1.76E-03	1.67E-03	5.94E-07	1.79E-06	1.04E-06	1.06E-06	9.63E-07	4.29E-07	4.19E-07	1.98E-08	4.79E-07	1.06E-07	1.44E-07	2.29E-07	3.94E-08	2.20E-07	1.24E-06
4808	492863.09	3861377.25	1.66E-03	1.70E-03	1.62E-03	5.73E-07	1.73E-06	1.00E-06	1.03E-06	9.30E-07	4.14E-07	4.04E-07	1.91E-08	4.62E-07	1.02E-07	1.39E-07	2.21E-07	3.80E-08	2.12E-07	1.19E-06
4809	493363.09	3861377.25	1.71E-03	1.75E-03	1.67E-03	5.91E-07	1.79E-06	1.03E-06	1.06E-06	9.59E-07	4.28E-07	4.17E-07	1.98E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	3.92E-08	2.19E-07	1.23E-06
4810	493863.09	3861377.25	1.67E-03	1.71E-03	1.63E-03	5.78E-07	1.74E-06	1.01E-06	1.03E-06	9.37E-07	4.18E-07	4.07E-07	1.93E-08	4.66E-07	1.03E-07	1.40E-07	2.23E-07	3.83E-08	2.14E-07	1.20E-06
4811	494363.09	3861377.25	1.56E-03	1.59E-03	1.52E-03	5.38E-07	1.63E-06	9.41E-07	9.63E-07	8.73E-07	3.89E-07	3.80E-07	1.80E-08	4.34E-07	9.58E-08	1.31E-07	2.07E-07	3.57E-08	1.99E-07	1.12E-06
4812	494863.09	3861377.25	1.45E-03	1.49E-03	1.42E-03	5.03E-07	1.52E-06	8.79E-07	9.00E-07	8.16E-07	3.64E-07	3.55E-07	1.68E-08	4.06E-07	8.95E-08	1.22E-07	1.94E-07	3.34E-08	1.86E-07	1.05E-06
4813	495363.09	3861377.25	1.35E-03	1.39E-03	1.32E-03	4.69E-07	1.42E-06	8.20E-07	8.39E-07	7.61E-07	3.39E-07	3.31E-07	1.57E-08	3.78E-07	8.35E-08	1.14E-07	1.81E-07	3.11E-08	1.74E-07	9.77E-07
4814	495863.09	3861377.25	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.61E-07	7.79E-07	7.06E-07	3.15E-07	3.07E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.07E-07
4815	496363.09	3861377.25	1.20E-03	1.22E-03	1.17E-03	4.14E-07	1.25E-06	7.23E-07	7.41E-07	6.71E-07	2.99E-07	2.92E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.75E-08	1.53E-07	8.62E-07
4816	496863.09	3861377.25	1.14E-03	1.17E-03	1.11E-03	3.95E-07	1.19E-06	6.90E-07	7.07E-07	6.41E-07	2.86E-07	2.78E-07	1.32E-08	3.19E-07	7.03E-08	9.59E-08	1.52E-07	2.62E-08	1.46E-07	8.23E-07
4817	497363.09	3861377.25	1.07E-03	1.10E-03	1.05E-03	3.71E-07	1.12E-06	6.49E-07	6.64E-07	6.02E-07	2.68E-07	2.62E-07	1.24E-08	2.99E-07	6.61E-08	9.02E-08	1.43E-07	2.46E-08	1.37E-07	7.73E-07
4818	497863.09	3861377.25	1.01E-03	1.03E-03	9.85E-04	3.50E-07	1.06E-06	6.11E-07	6.25E-07	5.67E-07	2.53E-07	2.47E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.32E-08	1.29E-07	7.28E-07
4819	498363.09	3861377.25	9.57E-04	9.80E-04	9.33E-04	3.31E-07	1.00E-06	5.79E-07	5.93E-07	5.37E-07	2.40E-07	2.34E-07	1.11E-08	2.67E-07	5.90E-08	8.05E-08	1.28E-07	2.20E-08	1.23E-07	6.90E-07
4820	471363.09	3861877.25	2.06E-04	2.11E-04	2.01E-04	7.12E-08	2.15E-07	1.24E-07	1.27E-07	1.15E-07	5.15E-08	5.02E-08	2.38E-09	5.74E-08	1.27E-08	1.73E-08	2.74E-08	4.72E-09	2.64E-08	1.48E-07
4821	471863.09	3861877.25	2.11E-04	2.16E-04	2.05E-04	7.29E-08	2.20E-07	1.27E-07	1.30E-07	1.18E-07	5.27E-08	5.14E-08	2.44E-09	5.88E-08	1.30E-08	1.77E-08	2.81E-08	4.84E-09	2.70E-08	1.52E-07
4822	472363.09	3861877.25	2.16E-04	2.21E-04	2.11E-04	7.47E-08	2.26E-07	1.31E-07	1.34E-07	1.21E-07	5.40E-08	5.27E-08	2.50E-09	6.03E-08	1.33E-08	1.82E-08	2.88E-08	4.96E-09	2.77E-08	1.56E-07
4823	472863.09	3861877.25	2.22E-04	2.27E-04	2.16E-04	7.67E-08	2.32E-07	1.34E-07	1.37E-07	1.24E-07	5.55E-08	5.41E-08	2.56E-09	6.19E-08	1.37E-08	1.86E-08	2.96E-08	5.09E-09	2.84E-08	1.60E-07
4824	473363.09	3861877.25	2.27E-04	2.32E-04	2.22E-04	7.86E-08	2.37E-07	1.37E-07	1.41E-07	1.28E-07	5.68E-08	5.54E-08	2.63E-09	6.34E-08	1.40E-08	1.91E-08	3.03E-08	5.22E-09	2.91E-08	1.64E-07
4825	473863.09	3861877.25	2.32E-04	2.38E-04	2.27E-04	8.04E-08	2.43E-07	1.41E-07	1.44E-07	1.30E-07	5.82E-08	5.67E-08	2.69E-09	6.49E-08	1.43E-08	1.95E-08	3.10E-08	5.34E-09	2.98E-08	1.68E-07
4826	474363.09	3861877.25	2.38E-04	2.43E-04	2.32E-04	8.23E-08	2.49E-07	1.44E-07	1.47E-07	1.34E-07	5.95E-08	5.81E-08	2.75E-09	6.64E-08	1.47E-08	2.00E-08	3.17E-08	5.46E-09	3.05E-08	1.71E-07
4827	474863.09	3861877.25	2.43E-04	2.48E-04	2.37E-04	8.40E-08	2.54E-07	1.47E-07	1.50E-07	1.36E-07	6.07E-08	5.92E-08	2.80E-09	6.77E-08	1.49E-08	2.04E-08	3.24E-08	5.57E-09	3.11E-08	1.75E-07
4828	475363.09	3861877.25	2.47E-04	2.53E-04	2.41E-04	8.55E-08	2.58E-07	1.49E-07	1.53E-07	1.39E-07	6.18E-08	6.03E-08	2.86E-09	6.90E-08	1.52E-08	2.08E-08	3.30E-08	5.67E-09	3.16E-08	1.78E-07
4829	475863.09	3861877.25	2.51E-04	2.57E-04	2.45E-04	8.70E-08	2.63E-07	1.52E-07	1.56E-07	1.41E-07	6.29E-08	6.13E-08	2.90E-09	7.02E-08	1.55E-08	2.11E-08	3.35E-08	5.77E-09	3.22E-08	1.81E-07
4830	476363.09	3861877.25	2.55E-04	2.61E-04	2.48E-04	8.82E-08	2.66E-07	1.54E-07	1.58E-07	1.43E-07	6.38E-08	6.22E-08	2.95E-09	7.11E-08	1.57E-08	2.14E-08	3.40E-08	5.85E-09	3.26E-08	1.84E-07
4831	476863.09	3861877.25	2.56E-04	2.62E-04	2.50E-04	8.86E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.41E-08	6.25E-08	2.96E-09	7.15E-08	1.58E-08	2.15E-08	3.42E-08	5.88E-09	3.28E-08	1.85E-07
4832	477363.09	3861877.25	2.55E-04	2.61E-04	2.49E-04	8.83E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.38E-08	6.22E-08	2.95E-09	7.12E-08	1.57E-08	2.14E-08	3.40E-08	5.86E-09	3.27E-08	1.84E-07
4833	477863.09	3861877.25	2.20E-04	2.26E-04	2.15E-04	7.63E-08	2.30E-07	1.33E-07	1.37E-07	1.24E-07	5.52E-08	5.38E-08	2.55E-09	6.15E-08	1.36E-08	1.85E-08	2.94E-08	5.06E-09	2.82E-08	1.59E-07
4834	478363.09	3861877.25	1.34E-04	1.38E-04	1.31E-04	4.66E-08	1.41E-07	8.14E-08	8.33E-08	7.55E-08	3.37E-08	3.28E-08	1.55E-09	3.76E-08	8.29E-09	1.13E-08	1.79E-08	3.09E-09	1.72E-08	9.70E-08
4835	478863.09	3861877.25	1.92E-04	1.96E-04	1.87E-04	6.63E-08	2.00E-07	1.16E-07	1.19E-07	1.08E-07	4.79E-08	4.67E-08	2.21E-09	5.35E-08	1.18E-08	1.61E-08	2.55E-08	4.40E-09	2.45E-08	1.38E-07
4836	479363.09	3861877.25	1.78E-04	1.82E-04	1.73E-04	6.15E-08	1.86E-07	1.07E-07	1.10E-07	9.97E-08	4.44E-08	4.33E-08	2.05E-09	4.96E-08	1.09E-08	1.49E-08	2.37E-08	4.08E-09	2.27E-08	1.28E-07
4837	479863.09	3861877.25	2.81E-04	2.88E-04	2.74E-04	9.72E-08	2.94E-07	1.70E-07	1.74E-07	1.58E-07	7.03E-08	6.86E-08	3.25E-09	7.84E-08	1.73E-08	2.36E-08	3.75E-08	6.45E-09	3.60E-08	2.03E-07
4838	480363.09	3861877.25	3.04E-04	3.11E-04	2.96E-04	1.05E-07	3.18E-07	1.84E-07	1.88E-07	1.71E-07	7.60E-08	7.42E-08	3.51E-09	8.48E-08	1.87E-08	2.55E-08	4.05E-08	6.98E-09	3.89E-08	2.19E-07
4839	480863.09	3861877.25	3.13E-04	3.20E-04	3.05E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.75E-07	7.82E-08	7.63E-08	3.61E-09	8.73E-08	1.93E-08	2.63E-08	4.17E-08	7.18E-09	4.00E-08	2.25E-07
4840	481363.09	3861877.25	3.22E-04	3.29E-04	3.14E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.81E-07	8.05E-08	7.85E-08	3.72E-09	8.98E-08	1.98E-08	2.71E-08	4.29E-08	7.39E-09	4.12E-08	2.32E-07
4841	481863.09	3861877.25	3.33E-04	3.41E-04	3.25E-04	1.15E-07	3.48E-07	2.02E-07	2.06E-07	1.87E-07	8.34E-08	8.13E-08	3.85E-09	9.30E-08	2.05E-08	2.80E-08	4.45E-08	7.65E-09	4.27E-08	2.40E-07

4842	482363.09	3861877.25	3.47E-04	3.55E-04	3.38E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.68E-08	8.47E-08	4.01E-09	9.69E-08	2.14E-08	2.92E-08	4.63E-08	7.97E-09	4.44E-08	2.50E-07
4843	482863.09	3861877.25	3.64E-04	3.73E-04	3.55E-04	1.26E-07	3.81E-07	2.20E-07	2.26E-07	2.04E-07	9.11E-08	8.89E-08	4.21E-09	1.02E-07	2.24E-08	3.06E-08	4.86E-08	8.36E-09	4.66E-08	2.63E-07
4844	483363.09	3861877.25	3.85E-04	3.94E-04	3.76E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.64E-08	9.40E-08	4.45E-09	1.08E-07	2.37E-08	3.24E-08	5.14E-08	8.84E-09	4.93E-08	2.78E-07
4845	483863.09	3861877.25	4.09E-04	4.18E-04	3.99E-04	1.41E-07	4.27E-07	2.47E-07	2.53E-07	2.29E-07	1.02E-07	9.98E-08	4.72E-09	1.14E-07	2.52E-08	3.44E-08	5.45E-08	9.39E-09	5.24E-08	2.95E-07
4846	484363.09	3861877.25	4.33E-04	4.43E-04	4.22E-04	1.50E-07	4.52E-07	2.62E-07	2.68E-07	2.43E-07	1.08E-07	1.06E-07	5.00E-09	1.21E-07	2.67E-08	3.64E-08	5.77E-08	9.94E-09	5.54E-08	3.12E-07
4847	484863.09	3861877.25	4.59E-04	4.70E-04	4.48E-04	1.59E-07	4.80E-07	2.78E-07	2.85E-07	2.58E-07	1.15E-07	1.12E-07	5.31E-09	1.28E-07	2.83E-08	3.86E-08	6.13E-08	1.06E-08	5.89E-08	3.31E-07
4848	485363.09	3861877.25	4.88E-04	5.00E-04	4.76E-04	1.69E-07	5.10E-07	2.96E-07	3.02E-07	2.74E-07	1.22E-07	1.19E-07	5.65E-09	1.36E-07	3.01E-08	4.11E-08	6.51E-08	1.12E-08	6.26E-08	3.52E-07
4849	485863.09	3861877.25	5.17E-04	5.29E-04	5.04E-04	1.79E-07	5.40E-07	3.13E-07	3.20E-07	2.90E-07	1.29E-07	1.26E-07	5.98E-09	1.44E-07	3.19E-08	4.35E-08	6.90E-08	1.19E-08	6.62E-08	3.73E-07
4850	486363.09	3861877.25	5.59E-04	5.72E-04	5.45E-04	1.93E-07	5.84E-07	3.38E-07	3.46E-07	3.14E-07	1.40E-07	1.36E-07	6.46E-09	1.56E-07	3.44E-08	4.70E-08	7.46E-08	1.28E-08	7.16E-08	4.03E-07
4851	486863.09	3861877.25	6.11E-04	6.26E-04	5.96E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.53E-07	1.49E-07	7.07E-09	1.71E-07	3.77E-08	5.14E-08	8.16E-08	1.40E-08	7.83E-08	4.41E-07
4852	487363.09	3861877.25	6.75E-04	6.91E-04	6.58E-04	2.34E-07	7.05E-07	4.08E-07	4.18E-07	3.79E-07	1.69E-07	1.65E-07	7.80E-09	1.88E-07	4.16E-08	5.67E-08	9.00E-08	1.55E-08	8.64E-08	4.86E-07
4853	487863.09	3861877.25	7.39E-04	7.56E-04	7.20E-04	2.56E-07	7.72E-07	4.47E-07	4.57E-07	4.15E-07	1.85E-07	1.80E-07	8.54E-09	2.06E-07	4.55E-08	6.21E-08	9.85E-08	1.70E-08	9.46E-08	5.33E-07
4854	488363.09	3861877.25	8.06E-04	8.25E-04	7.86E-04	2.79E-07	8.42E-07	4.88E-07	4.99E-07	4.52E-07	2.02E-07	1.97E-07	9.32E-09	2.25E-07	4.97E-08	6.78E-08	1.08E-07	1.85E-08	1.03E-07	5.81E-07
4855	488863.09	3861877.25	8.73E-04	8.94E-04	8.52E-04	3.02E-07	9.13E-07	5.28E-07	5.41E-07	4.90E-07	2.19E-07	2.13E-07	1.01E-08	2.44E-07	5.38E-08	7.34E-08	1.16E-07	2.01E-08	1.12E-07	6.30E-07
4856	489363.09	3861877.25	9.22E-04	9.43E-04	8.99E-04	3.19E-07	9.63E-07	5.58E-07	5.71E-07	5.17E-07	2.31E-07	2.25E-07	1.07E-08	2.57E-07	5.68E-08	7.75E-08	1.23E-07	2.12E-08	1.18E-07	6.65E-07
4857	489863.09	3861877.25	9.86E-04	1.01E-03	9.62E-04	3.41E-07	1.03E-06	5.97E-07	6.11E-07	5.54E-07	2.47E-07	2.41E-07	1.14E-08	2.75E-07	6.08E-08	8.29E-08	1.32E-07	2.27E-08	1.26E-07	7.11E-07
4858	490363.09	3861877.25	1.03E-03	1.06E-03	1.01E-03	3.57E-07	1.08E-06	6.25E-07	6.39E-07	5.80E-07	2.58E-07	2.52E-07	1.19E-08	2.88E-07	6.36E-08	8.68E-08	1.38E-07	2.37E-08	1.32E-07	7.44E-07
4859	490863.09	3861877.25	1.07E-03	1.10E-03	1.04E-03	3.70E-07	1.12E-06	6.47E-07	6.63E-07	6.01E-07	2.68E-07	2.61E-07	1.24E-08	2.99E-07	6.59E-08	9.00E-08	1.43E-07	2.46E-08	1.37E-07	7.71E-07
4860	491363.09	3861877.25	1.08E-03	1.10E-03	1.05E-03	3.74E-07	1.13E-06	6.53E-07	6.69E-07	6.06E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.65E-08	9.08E-08	1.44E-07	2.48E-08	1.38E-07	7.78E-07
4861	491863.09	3861877.25	1.08E-03	1.11E-03	1.05E-03	3.74E-07	1.13E-06	6.53E-07	6.69E-07	6.06E-07	2.70E-07	2.64E-07	1.25E-08	3.02E-07	6.65E-08	9.08E-08	1.44E-07	2.48E-08	1.38E-07	7.79E-07
4862	492363.09	3861877.25	1.07E-03	1.09E-03	1.04E-03	3.70E-07	1.12E-06	6.47E-07	6.62E-07	6.00E-07	2.68E-07	2.61E-07	1.24E-08	2.99E-07	6.59E-08	8.99E-08	1.43E-07	2.46E-08	1.37E-07	7.71E-07
4863	492863.09	3861877.25	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.50E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.62E-08	9.03E-08	1.43E-07	2.47E-08	1.38E-07	7.74E-07
4864	493363.09	3861877.25	1.04E-03	1.06E-03	1.01E-03	3.60E-07	1.09E-06	6.29E-07	6.44E-07	5.84E-07	2.60E-07	2.54E-07	1.20E-08	2.90E-07	6.40E-08	8.74E-08	1.39E-07	2.39E-08	1.33E-07	7.49E-07
4865	493863.09	3861877.25	1.02E-03	1.05E-03	9.97E-04	3.54E-07	1.07E-06	6.19E-07	6.33E-07	5.74E-07	2.56E-07	2.50E-07	1.18E-08	2.85E-07	6.30E-08	8.60E-08	1.36E-07	2.35E-08	1.31E-07	7.37E-07
4866	494363.09	3861877.25	1.06E-03	1.08E-03	1.03E-03	3.67E-07	1.11E-06	6.41E-07	6.56E-07	5.95E-07	2.65E-07	2.59E-07	1.23E-08	2.96E-07	6.53E-08	8.91E-08	1.41E-07	2.43E-08	1.36E-07	7.64E-07
4867	494863.09	3861877.25	1.05E-03	1.07E-03	1.02E-03	3.63E-07	1.10E-06	6.34E-07	6.49E-07	5.89E-07	2.62E-07	2.56E-07	1.21E-08	2.93E-07	6.46E-08	8.81E-08	1.40E-07	2.41E-08	1.34E-07	7.56E-07
4868	495363.09	3861877.25	9.98E-04	1.02E-03	9.74E-04	3.46E-07	1.04E-06	6.04E-07	6.18E-07	5.61E-07	2.50E-07	2.44E-07	1.15E-08	2.79E-07	6.15E-08	8.40E-08	1.33E-07	2.29E-08	1.28E-07	7.20E-07
4869	495863.09	3861877.25	9.49E-04	9.72E-04	9.26E-04	3.29E-07	9.92E-07	5.74E-07	5.88E-07	5.33E-07	2.38E-07	2.32E-07	1.10E-08	2.65E-07	5.85E-08	7.98E-08	1.27E-07	2.18E-08	1.22E-07	6.84E-07
4870	496363.09	3861877.25	9.11E-04	9.32E-04	8.88E-04	3.15E-07	9.52E-07	5.51E-07	5.64E-07	5.11E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.61E-08	7.66E-08	1.21E-07	2.09E-08	1.17E-07	6.56E-07
4871	496863.09	3861877.25	9.10E-04	9.31E-04	8.87E-04	3.15E-07	9.51E-07	5.50E-07	5.63E-07	5.11E-07	2.28E-07	2.22E-07	1.05E-08	2.54E-07	5.60E-08	7.65E-08	1.21E-07	2.09E-08	1.17E-07	6.56E-07
4872	497363.09	3861877.25	8.56E-04	8.77E-04	8.35E-04	2.96E-07	8.95E-07	5.18E-07	5.30E-07	4.81E-07	2.14E-07	2.09E-07	9.90E-09	2.39E-07	5.28E-08	7.20E-08	1.14E-07	1.97E-08	1.10E-07	6.17E-07
4873	497863.09	3861877.25	8.14E-04	8.33E-04	7.94E-04	2.82E-07	8.51E-07	4.92E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.41E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.87E-08	1.04E-07	5.87E-07
4874	498363.09	3861877.25	7.81E-04	7.99E-04	7.62E-04	2.70E-07	8.16E-07	4.73E-07	4.84E-07	4.38E-07	1.95E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
4875	471363.09	3862377.25	1.97E-04	2.01E-04	1.92E-04	6.81E-08	2.06E-07	1.19E-07	1.22E-07	1.10E-07	4.92E-08	4.80E-08	2.27E-09	5.49E-08	1.21E-08	1.65E-08	2.62E-08	4.52E-09	2.52E-08	1.42E-07
4876	471863.09	3862377.25	2.01E-04	2.06E-04	1.96E-04	6.97E-08	2.10E-07	1.22E-07	1.25E-07	1.13E-07	5.04E-08	4.91E-08	2.33E-09	5.62E-08	1.24E-08	1.69E-08	2.68E-08	4.62E-09	2.58E-08	1.45E-07
4877	472363.09	3862377.25	2.06E-04	2.11E-04	2.01E-04	7.14E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.16E-08	5.03E-08	2.38E-09	5.76E-08	1.27E-08	1.73E-08	2.75E-08	4.74E-09	2.64E-08	1.49E-07
4878	472863.09	3862377.25	2.11E-04	2.16E-04	2.06E-04	7.31E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.29E-08	5.15E-08	2.44E-09	5.90E-08	1.30E-08	1.78E-08	2.82E-08	4.85E-09	2.71E-08	1.52E-07
4879	473363.09	3862377.25	2.16E-04	2.22E-04	2.11E-04	7.49E-08	2.26E-07	1.31E-07	1.34E-07	1.22E-07	5.42E-08	5.28E-08	2.50E-09	6.04E-08	1.33E-08	1.82E-08	2.89E-08	4.97E-09	2.77E-08	1.56E-07
4880	473863.09	3862377.25	2.22E-04	2.27E-04	2.16E-04	7.67E-08	2.32E-07	1.34E-07	1.37E-07	1.24E-07	5.55E-08	5.41E-08	2.56E-09	6.19E-08	1.37E-08	1.86E-08	2.96E-08	5.09E-09	2.84E-08	1.60E-07
4881	474363.09	3862377.25	2.27E-04	2.32E-04	2.21E-04	7.85E-08	2.37E-07	1.37E-07	1.40E-07	1.27E-07	5.67E-08	5.53E-08	2.62E-09	6.33E-08	1.40E-08	1.91E-08	3.02E-08	5.21E-09	2.90E-08	1.63E-07
4882	474863.09	3862377.25	2.30E-04	2.35E-04	2.24E-04	7.96E-08	2.40E-07	1.39E-07	1.42E-07	1.29E-07	5.75E-08	5.61E-08	2.66E-09	6.42E-08	1.42E-08	1.93E-08	3.07E-08	5.28E-09	2.94E-08	1.66E-07
4883	475363.09	3862377.25	2.34E-04	2.39E-04	2.28E-04	8.10E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.85E-08	5.71E-08	2.70E-09	6.53E-08	1.44E-08	1.97E-08	3.12E-08	5.37E-09	3.00E-08	1.69E-07
4884	475863.09	3862377.25	2.38E-04	2.43E-04	2.32E-04	8.22E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	5.95E-08	5.80E-08	2.75E-09	6.63E-08	1.46E-08	2.00E-08	3.17E-08	5.46E-09	3.04E-08	1.71E-07
4885	476363.09	3862377.25	2.42E-04	2.47E-04	2.36E-04	8.36E-08	2.52E-07	1.46E-07	1.50E-07	1.36E-07	6.05E-08	5.90E-08	2.79E-09	6.75E-08	1.49E-08	2.03E-08	3.22E-08	5.55E-09	3.09E-08	1.74E-07
4886	476863.09	3862377.25	2.46E-04	2.52E-04	2.40E-04	8.52E-08	2.57E-07	1.49E-07	1.52E-07	1.38E-07	6.16E-08	6.01E-08	2.84E-09	6.87E-08	1.52E-08	2.07E-08	3.28E-08	5.65E-09	3.15E-08	1.77E-07
4887	477363.09	3862377.25	2.47E-04	2.53E-04	2.41E-04	8.56E-08	2.58E-07	1.50E-07	1.53E-07	1.39E-07	6.19E-08	6.04E-08	2.86E-09	6.91E-08	1.52E-08	2.08E-08	3.30E-08	5.68E-09	3.17E-08	1.78E-07
4888	477863.09	3862377.25	2.25E-04	2.31E-04	2.20E-04	7.80E-08	2.36E-07	1.36E-07	1.40E-07	1.27E-07	5.64E-08	5.50E-08	2.61E-09	6.29E-08	1.39E-08	1.90E-08	3.01E-08	5.18E-09	2.89E-08	1.62E-07
4889	478363.09	3862377.25	1.96E-04	2.00E-04	1.91E-04	6.77E-08	2.04E-07	1.18E-07	1.21E-07	1.10E-07	4.89E-08	4.77E-08	2.26E-09	5.46E-08	1.20E-08	1.64E-08	2.61E-08	4.49E-09	2.50E-08	1.41E-07
4890	478863.09	3862377.25	2.01E-04	2.05E-04	1.96E-04	6.95E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.02E-08	4.90E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.68E-08	4.61E-09	2.57E-08	1.45E-07
4891	479363.09	3862377.25	2.22E-04	2.27E-04	2.17E-04	7.69E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.56E-08	5.42E-08	2.57E-09	6.20E-08	1.37E-08	1.87E-08	2.96E-08	5.10E-09	2.85E-08	1.60E-07
4892	479863.09	3862377.25	2.75E-04	2.81E-04	2.68E-04	9.51E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.87E-08	6.71E-08	3.18E-09	7.67E-08	1.69E-08	2.31E-08	3.66E-08	6.31E-09	3.52E-08	1.98E-07
4893	480363.09	3862377.25	2.91E-04	2.97E-04	2.83E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.27E-08	7.09E-08	3.36E-09	8.12E-08	1.79E-08	2.44E-08	3.88E-08	6.68E-09	3.72E-08	2.10E-07
4894	480863.09	3862377.25	2.98E-04	3.05E-04	2.91E-04	1.03E-07	3.12E-07	1.81E-07	1.85E-07	1.68E-07	7.47E-08	7.28E-08	3.45E-09	8.33E-08	1.84E-08	2.51E-08	3.98E-08	6.85E-09	3.82E-08	2.15E-07
4895	481363.09	3862377.25	3.09E-04	3.16E-04	3.01E-04	1.07E-07	3.23E-07	1.87E-07	1.91E-07	1.73E-07	7.72E-08	7.53E-08	3.57E-09	8.62E-08	1.90E-08	2.59E-08	4.12E-08	7.09E-09	3.95E-08	2.22E-07
4896	481863.09	3862377.25	3.21E-04	3.29E-04	3.13E-04	1.11E-07	3.36E-07	1.94E-07	1.99E-07	1.80E-07	8.03E-08	7.84E-08	3.71E-09	8.96E-08	1.98E-08	2.70E-08	4.28E-08	7.37E-09	4.11E-08	2.31E-07
4897	482363.09	3862377.25	3.35E-04	3.43E-04	3.26E-04	1.16E-07	3.50E-07	2.03E-07	2.07E-07	1.88E-07	8.38E-08	8.17E-08	3.87E-09	9.35E-08	2.06E-08	2.81E-08	4.47E-08	7.69E-09	4.29E-08	2.41E-07
4898	482863.09	3862377.25	3.49E-04	3.57E-04	3.40E-04	1.21E-07	3.64E-07	2.11E-07	2.16E-07	1.96E-07	8.73E-08	8.51E-08	4.03E-09	9.74E-08	2.15E-08	2.93E-08	4.65E-08	8.01E-09	4.47E-08	2.51E-07
4899	483363.09	3862377.25	3.64E-04	3.72E-04	3.55E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.10E-08	8.88E-08	4.20E-09	1.02E-07	2.24E-08	3.06E-08	4.85E-08	8.35E-09	4.66E-08	2.62E-07
4900	483863.09	3862377.25	3.81E-04	3.90E-04	3.72E-04	1.32E-07	3.98E-07	2.31E-07	2.36E-07	2.14E-07	9.54E-08	9.30E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.08E-08	8.75E-09	4.88E-08	2.75E-07
4901	484363.09	3862377.25	4.02E-04	4.12E-04	3.92E-04	1.39E-07	4.20E-07	2.43E-07	2.49E-07	2.26E-07	1.01E-07	9.82E-08	4.65E-09	1.12E-07	2.48E-08	3.38E-08	5.37E-08	9.24E-09	5.15E-08	2.90E-07
4902	484863.09	3862377.25	4.23E-04	4.33E-04	4.13E-04	1.47E-07	4.43E-07	2.56E-07	2.62E-07	2.38E-07	1.06E-07	1.03E-07	4.89E-09	1.18E-07	2.61E-08	3.56E-08	5.65E-08	9.72E-09	5.42E-08	3.05E-07
4903	485363.09	3862377.25	4.44E-04	4.54E-04	4.33E-04	1.54E-07	4.64E-07	2.69E-07	2.75E-07	2.49E-07	1.11E-07	1.08E-07	5.13E-09	1.24E-07	2.73E-08	3.73E-08	5.92E-08	1.02E-08	5.69E-08	3.20E-07
4904	485863.09	3862377.25	4.70E-04	4.81E-04	4.58E-04	1.63E-07	4.91E-07	2.84E-07	2.91E-07	2.64E-07	1.18E-07	1.15E-07	5.43E-09	1.31E-07	2.90E-08	3.95E-08	6.27E-08	1.08E-08	6.02E-08	3.39E-07
4905	486363.09	3862377.25	4.99E-04	5.11E-04	4.87E-04	1.73E-07	5.22E-07	3.02E-07	3.09E-07	2.80E-07	1.25E-07	1.22E-07	5.77E-09	1.39E-07	3.08E-08	4.20E-08	6.66E-08	1.15E-08	6.40E-08	3.60E-07
4906	486863.09	3862377.25	5.37E-04	5.50E-04	5.24E-04	1.86E-07	5.61E-07	3.25E-07	3.33E-07	3.01E-07	1.34E-07	1.31E-07	6.21E-09	1.50E-07	3.31E-08	4.52E-08	7.16E-08	1.23E-08	6.88E-08	3.87E-07
4907	487363.09	3862377.25	5.80E-04	5.94E-04	5.66E-04	2.01E-07	6.06E-07	3.51E-07	3.59E-07	3.26E-07	1.45E-07	1.42E-07	6.70E-09	1.62E-07	3.57E-08	4.88E-08	7.74E-08	1.33E-08	7.43E-08	4.18E-07
4908	487863.09	3862377.25	6.22E-04	6.37E-04	6.07E-04	2.15E-07	6.50E-07	3.76E-07	3.85E-07	3.49E-07	1.56E-07	1.52E-07	7.19E-09	1.74E-07	3.83E-08	5.23E-08	8.30E-08	1.43E-08	7.97E-08	4.49E-07
4909	488363.09	3862377.25	6.62E-04	6.77E-04	6.45E-04	2.29E-07	6.92E-07	4.00E-07	4.10E-07	3.72E-07	1.66E-07	1.62E-07	7.65E-09	1.85E-07	4.08E-08	5.56E-08	8.83E-08	1.52E-08	8.48E-08	4.77E-07
4910	488863.09	3862377.25	7.03E-04	7.19E-04	6.85E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.94E-07	1.76E-07	1.71E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.37E-08	1.61E-08	9.00E-08	5.07E-07
4911	489363.09	3862377.25	7.41E-04	7.59E-04	7.23E-04	2.57E-07	7.75E-07	4.48E-07	4.59E-07	4.16E-07	1.85E-07	1.81E-07	8.57E-09	2.07E-07	4.57E-08	6.23E-08	9.89E-08	1.70E-08	9.49E-08	5.34E-07
4912	489863.09	3862377.25	7.78E-04	7.97E-04	7.59E-04	2.69E-07	8.13E-07	4.71E-07	4.82E-07	4.37E-07	1.95E-07	1.90E-07	9.00E-09	2.17E-07	4.80E-08	6.54E-08	1.04E-07	1.79E-08	9.97E-08	5.61E-07
4913	490363.09	3862377.25	8.06E-04	8.25E-04	7.86E-04	2.79E-07	8.43E-07	4.88E-07	4.99E-07	4.53E-07	2.02E-07	1.97E-07	9.32E-09	2.25E-07	4.97E-08	6.78E-08	1.08E-07	1.85E-08	1.03E-07	5.81E-07
4914	490863.09	3862377.25	8.05E-04	8.24E-04	7.86E-04	2.79E-07	8.42E-07	4.87E-07	4.99E-07	4.52E-07	2.02E-07	1.97E-07	9.31E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.85E-08	1.03E-07	5.81E-07
4915	491363.09	3862377.25	7.97E-04	8.16E-04	7.77E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.47E-07	1.99E-07	1.95E-07	9.21E-09	2.23E-07	4.91E-08	6.70E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
4916	491863.09	3862377.25	7.80E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.83E-07	4.38E-07	1.95E-07	1.90E-07	9.02E-09	2.18E-07	4.81E-08	6.56E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
4917	492363.09	3862377.25	7.88E-04	8.07E-04	7.69E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.42E-07	1.97E-07	1.92E-07	9.11E-09	2.20E-07	4.85E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
4918	492863.09	3862377.25	7.99E-04	8.18E-04	7.80E-04	2.77E-07	8.36E-07	4.84E-07	4.95E-07	4.49E-07	2.00E-07	1.95E-07	9.24E-09	2.23E-07	4.93E-08	6.72E-08	1.07E-07	1.84E-08	1.02E-07	5.76E-07
4919	493363.09	3862377.25	7.93E-04	8.12E-04	7.74E-04	2.75E-07	8.29E-07	4.80E-07	4.91E-07	4.45E-07	1.99E-07	1.94E-07	9.17E-09	2.22E-07	4.89E-08	6.67E-08	1.06E-07	1.82E-08	1.02E-07	5.72E-07
4920	493863.09	3862377.25	7.66E-04	7.84E-04	7.47E-04	2.65E-07	8.01E-07	4.64E-07	4.75E-07	4.30E-07	1.92E-07	1.87E-07	8.86E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.82E-08	5.52E-07
4921	494363.09	3862377.25	7.36E-04	7.53E-04	7.18E-04	2.55E-07	7.69E-07	4.45E-07	4.56E-07	4.13E-07	1.84E-07	1.80E-07	8.51E-09	2.05E-07	4.53E-08	6.19E-08	9.82E-08	1.69E-08	9.43E-08	5.31E-07
4922	494863.09	3862377.25	7.52E-04	7.70E-04	7.34E-04	2.60E-07	7.86E-07	4.55E-07	4.66E-07	4.22E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.42E-07
4923	495363.09	3862377.25	7.64E-04	7.82E-04	7.45E-04	2.65E-07	7.99E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.79E-08	5.51E-07
4924	495863.09	3862377.25	7.49E-04	7.67E-04	7.31E-04	2.59E-07	7.83E-07	4.53E-07	4.64E-07	4.21E-07	1.88E-07	1.83E-07	8.66E-09	2.09E-07	4.62E-08	6.30E-08	1.00E-07	1.72E-08	9.60E-08	5.40E-07
4925	496363.09	3862377.25	7.19E-04	7.36E-04	7.02E-04	2.49E-07	7.52E-07	4.35E-07	4.46E-07	4.04E-07	1.80E-07	1.76E-07	8.32E-09	2.01E-07	4.43E-08	6.05E-08	9.60E-08	1.65E-08	9.22E-08	5.19E-07
4926	496863.09	3862377.25	7.02E-04	7.19E-04	6.85E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.94E-07	1.76E-07	1.71E-07	8.12E-09	1.96E-07	4.33E-08	5.91E-08	9.37E-08	1.61E-08	9.00E-08	5.06E-07
4927	497363.09	3862377.25	6.73E-04	6.89E-04	6.56E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.68E-07	1.64E-07	7.78E-09	1.88E-07	4.14E-08	5.66E-08	8.97E-08	1.54E-08	8.62E-08	4.85E-07
4928	497863.09	3862377.25	6.50E-04	6.65E-04	6.34E-04	2.25E-07	6.79E-07	3.93E-07	4.03E-07	3.65E-07	1.63E-07	1.59E-07	7.51E-09	1.81E-07	4.00E-08	5.47E-08	8.67E-08	1.49E-08	8.33E-08	4.69E-07
4929	498363.09	3862377.25	6.27E-04	6.42E-04	6.11E-04	2.17E-07	6.55E-07	3.79E-07	3.88E-07	3.52E-07	1.57E-07	1.53E-07	7.25E-09	1.75E-07	3.86E-08	5.27E-08	8.36E-08	1.44E-08	8.03E-08	4.52E-07
4930	471363.09	3862877.25	1.88E-04	1.92E-04	1.83E-04	6.50E-08	1.96E-07	1.14E-07	1.16E-07	1.05E-07	4.70E-08	4.58E-08	2.17E-09	5.24E-08	1.16E-08	1.58E-08	2.50E-08	4.31E-09	2.41E-08	1.35E-07
4931	471863.09	3862877.25	1.92E-04	1.96E-04	1.87E-04	6.64E-08	2.00E-07	1.16E-07	1.19E-07	1.08E-07	4.80E-08	4.68E-08	2.22E-09	5.35E-08	1.18E-08	1.61E-08	2.56E-08	4.40E-09	2.46E-08	1.38E-07
4932	472363.09	3862877.25	1.96E-04	2.01E-04	1.91E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	4.91E-08	4.79E-08	2.27E-09	5.48E-08	1.21E-08	1.65E-08	2.62E-08	4.51E-09	2.51E-08	1.41E-07
4933	472863.09	3862877.25	2.01E-04	2.06E-04	1.96E-04	6.96E-08	2.10E-07	1.22E-07	1.24E-07	1.13E-07	5.03E-08	4.91E-08	2.32E-09	5.61E-08	1.24E-08	1.69E-08	2.68E-08	4.62E-09	2.57E-08	1.45E-07
4934	473363.09	3862877.25	2.06E-04	2.11E-04	2.01E-04	7.14E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.16E-08	5.03E-08	2.38E-09	5.76E-08	1.27E-08	1.73E-08	2.75E-08	4.74E-09	2.64E-08	1.49E-07
4935	473863.09	3862877.25	2.11E-04	2.16E-04	2.06E-04	7.30E-08	2.20E-07	1.28E-07	1.31E-07	1.18E-07	5.28E-08	5.15E-08	2.44E-09	5.89E-08	1.30E-08	1.77E-08	2.81E-08	4.84E-09	2.70E-08	1.52E-07
4936	474363.09	3862877.25	2.15E-04	2.21E-04	2.10E-04	7.46E-08	2.25E-07	1.30E-07	1.33E-07	1.21E-07	5.39E-08	5.26E-08	2.49E-09	6.02E-08	1.33E-08	1.81E-08	2.87E-08	4.95E-09	2.76E-08	1.55E-07
4937	474863.09	3862877.25	2.19E-04	2.24E-04	2.14E-04	7.58E-08	2.29E-07	1.32E-07	1.36E-07	1.23E-07	5.48E-08	5.34E-08	2.53E-09	6.11E-08	1.35E-08	1.84E-08	2.92E-08	5.03E-09	2.80E-08	1.58E-07
4938	475363.09	3862877.25	2.23E-04	2.28E-04	2.17E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.57E-08	5.43E-08	2.57E-09	6.22E-08	1.37E-08	1.87E-08	2.97E-08	5.11E-09	2.85E-08	1.61E-07
4939	475863.09	3862877.25	2.26E-04	2.32E-04	2.21E-04	7.84E-08	2.37E-07	1.37E-07	1.40E-07	1.27E-07	5.67E-08	5.53E-08	2.62E-09	6.32E-08	1.39E-08	1.90E-08	3.02E-08	5.20E-09	2.90E-08	1.63E-07
4940	476363.09	3862877.25	2.31E-04	2.36E-04	2.25E-04	7.98E-08	2.41E-07	1.40E-07	1.43E-07	1.29E-07	5.77E-08	5.63E-08	2.67E-09	6.44E-08	1.42E-08	1.94E-08	3.08E-08	5.30E-09	2.95E-08	1.66E-07
4941	476863.09	3862877.25	2.35E-04	2.41E-04	2.30E-04	8.15E-08	2.46E-07	1.42E-07	1.46E-07	1.32E-07	5.89E-08	5.74E-08	2.72E-09	6.57E-08	1.45E-08	1.98E-08	3.14E-08	5.41E-09	3.01E-08	1.70E-07
4942	477363.09	3862877.25	2.39E-04	2.45E-04	2.33E-04	8.28E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	5.98E-08	5.84E-08	2.76E-09	6.68E-08	1.47E-08	2.01E-08	3.19E-08	5.49E-09	3.06E-08	1.72E-07

4943	477863.09	3862877.25	2.35E-04	2.41E-04	2.30E-04	8.15E-08	2.46E-07	1.42E-07	1.46E-07	1.32E-07	5.89E-08	5.74E-08	2.72E-09	6.57E-08	1.45E-08	1.98E-08	3.14E-08	5.41E-09	3.01E-08	1.70E-07
4944	478363.09	3862877.25	2.10E-04	2.15E-04	2.05E-04	7.27E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.25E-08	5.12E-08	2.43E-09	5.86E-08	1.29E-08	1.77E-08	2.80E-08	4.82E-09	2.69E-08	1.51E-07
4945	478863.09	3862877.25	2.14E-04	2.19E-04	2.09E-04	7.41E-08	2.24E-07	1.30E-07	1.33E-07	1.20E-07	5.36E-08	5.23E-08	2.48E-09	5.98E-08	1.32E-08	1.80E-08	2.86E-08	4.92E-09	2.74E-08	1.54E-07
4946	479363.09	3862877.25	2.23E-04	2.28E-04	2.17E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.57E-08	5.43E-08	2.57E-09	6.22E-08	1.37E-08	1.87E-08	2.97E-08	5.11E-09	2.85E-08	1.61E-07
4947	479863.09	3862877.25	2.70E-04	2.77E-04	2.64E-04	9.36E-08	2.83E-07	1.64E-07	1.68E-07	1.52E-07	6.77E-08	6.60E-08	3.13E-09	7.55E-08	1.67E-08	2.27E-08	3.61E-08	6.21E-09	3.46E-08	1.95E-07
4948	480363.09	3862877.25	2.80E-04	2.86E-04	2.73E-04	9.68E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	7.00E-08	6.83E-08	3.23E-09	7.81E-08	1.72E-08	2.35E-08	3.73E-08	6.42E-09	3.58E-08	2.02E-07
4949	480863.09	3862877.25	2.88E-04	2.95E-04	2.81E-04	9.98E-08	3.01E-07	1.74E-07	1.79E-07	1.62E-07	7.22E-08	7.04E-08	3.33E-09	8.05E-08	1.78E-08	2.43E-08	3.85E-08	6.62E-09	3.69E-08	2.08E-07
4950	481363.09	3862877.25	2.98E-04	3.05E-04	2.90E-04	1.03E-07	3.11E-07	1.80E-07	1.84E-07	1.67E-07	7.45E-08	7.27E-08	3.44E-09	8.32E-08	1.84E-08	2.50E-08	3.97E-08	6.84E-09	3.82E-08	2.15E-07
4951	481863.09	3862877.25	3.08E-04	3.16E-04	3.01E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.72E-08	7.53E-08	3.56E-09	8.61E-08	1.90E-08	2.59E-08	4.11E-08	7.08E-09	3.95E-08	2.22E-07
4952	482363.09	3862877.25	3.18E-04	3.25E-04	3.10E-04	1.10E-07	3.32E-07	1.92E-07	1.97E-07	1.78E-07	7.95E-08	7.76E-08	3.67E-09	8.87E-08	1.96E-08	2.67E-08	4.24E-08	7.30E-09	4.07E-08	2.29E-07
4953	482863.09	3862877.25	3.28E-04	3.36E-04	3.20E-04	1.14E-07	3.43E-07	1.99E-07	2.03E-07	1.84E-07	8.22E-08	8.01E-08	3.79E-09	9.17E-08	2.02E-08	2.76E-08	4.38E-08	7.54E-09	4.20E-08	2.37E-07
4954	483363.09	3862877.25	3.41E-04	3.49E-04	3.32E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.91E-07	8.53E-08	8.32E-08	3.94E-09	9.51E-08	2.10E-08	2.86E-08	4.54E-08	7.83E-09	4.36E-08	2.46E-07
4955	483863.09	3862877.25	3.55E-04	3.64E-04	3.46E-04	1.23E-07	3.71E-07	2.15E-07	2.20E-07	1.99E-07	8.89E-08	8.67E-08	4.11E-09	9.92E-08	2.19E-08	2.99E-08	4.74E-08	8.16E-09	4.55E-08	2.56E-07
4956	484363.09	3862877.25	3.71E-04	3.80E-04	3.62E-04	1.29E-07	3.88E-07	2.25E-07	2.30E-07	2.08E-07	9.29E-08	9.06E-08	4.29E-09	1.04E-07	2.29E-08	3.12E-08	4.95E-08	8.53E-09	4.76E-08	2.68E-07
4957	484863.09	3862877.25	3.85E-04	3.94E-04	3.76E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.64E-08	9.40E-08	4.45E-09	1.08E-07	2.37E-08	3.24E-08	5.14E-08	8.84E-09	4.93E-08	2.78E-07
4958	485363.09	3862877.25	4.02E-04	4.11E-04	3.92E-04	1.39E-07	4.20E-07	2.43E-07	2.49E-07	2.26E-07	1.01E-07	9.81E-08	4.65E-09	1.12E-07	2.48E-08	3.38E-08	5.36E-08	9.23E-09	5.15E-08	2.90E-07
4959	485863.09	3862877.25	4.22E-04	4.32E-04	4.11E-04	1.46E-07	4.41E-07	2.55E-07	2.61E-07	2.37E-07	1.06E-07	1.03E-07	4.87E-09	1.18E-07	2.60E-08	3.55E-08	5.62E-08	9.68E-09	5.40E-08	3.04E-07
4960	486363.09	3862877.25	4.47E-04	4.58E-04	4.36E-04	1.55E-07	4.67E-07	2.70E-07	2.77E-07	2.51E-07	1.12E-07	1.09E-07	5.17E-09	1.25E-07	2.75E-08	3.76E-08	5.96E-08	1.03E-08	5.73E-08	3.22E-07
4961	486863.09	3862877.25	4.72E-04	4.83E-04	4.61E-04	1.63E-07	4.94E-07	2.86E-07	2.92E-07	2.65E-07	1.18E-07	1.15E-07	5.46E-09	1.32E-07	2.91E-08	3.97E-08	6.30E-08	1.08E-08	6.05E-08	3.40E-07
4962	487363.09	3862877.25	4.98E-04	5.10E-04	4.86E-04	1.73E-07	5.21E-07	3.02E-07	3.09E-07	2.80E-07	1.25E-07	1.22E-07	5.76E-09	1.39E-07	3.07E-08	4.19E-08	6.65E-08	1.14E-08	6.38E-08	3.59E-07
4963	487863.09	3862877.25	5.27E-04	5.39E-04	5.14E-04	1.82E-07	5.51E-07	3.19E-07	3.26E-07	2.96E-07	1.32E-07	1.29E-07	6.09E-09	1.47E-07	3.25E-08	4.43E-08	7.03E-08	1.21E-08	6.75E-08	3.80E-07
4964	488363.09	3862877.25	5.60E-04	5.73E-04	5.46E-04	1.94E-07	5.85E-07	3.39E-07	3.47E-07	3.14E-07	1.40E-07	1.37E-07	6.47E-09	1.56E-07	3.45E-08	4.71E-08	7.47E-08	1.29E-08	7.17E-08	4.03E-07
4965	488863.09	3862877.25	5.89E-04	6.03E-04	5.75E-04	2.04E-07	6.16E-07	3.57E-07	3.65E-07	3.31E-07	1.47E-07	1.44E-07	6.81E-09	1.65E-07	3.63E-08	4.95E-08	7.86E-08	1.35E-08	7.55E-08	4.25E-07
4966	489363.09	3862877.25	6.11E-04	6.26E-04	5.96E-04	2.12E-07	6.39E-07	3.70E-07	3.79E-07	3.43E-07	1.53E-07	1.49E-07	7.07E-09	1.71E-07	3.77E-08	5.14E-08	8.16E-08	1.40E-08	7.83E-08	4.41E-07
4967	489863.09	3862877.25	6.31E-04	6.45E-04	6.15E-04	2.18E-07	6.59E-07	3.82E-07	3.91E-07	3.54E-07	1.58E-07	1.54E-07	7.29E-09	1.76E-07	3.89E-08	5.30E-08	8.41E-08	1.45E-08	8.08E-08	4.55E-07
4968	490363.09	3862877.25	6.39E-04	6.54E-04	6.23E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.60E-07	1.56E-07	7.39E-09	1.78E-07	3.94E-08	5.37E-08	8.52E-08	1.47E-08	8.19E-08	4.61E-07
4969	490863.09	3862877.25	6.34E-04	6.49E-04	6.18E-04	2.19E-07	6.63E-07	3.84E-07	3.93E-07	3.56E-07	1.59E-07	1.55E-07	7.33E-09	1.77E-07	3.91E-08	5.33E-08	8.46E-08	1.46E-08	8.12E-08	4.57E-07
4970	491363.09	3862877.25	6.34E-04	6.49E-04	6.18E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.59E-07	1.55E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.46E-08	8.12E-08	4.57E-07
4971	491863.09	3862877.25	6.16E-04	6.30E-04	6.01E-04	2.13E-07	6.44E-07	3.73E-07	3.81E-07	3.46E-07	1.54E-07	1.50E-07	7.12E-09	1.72E-07	3.79E-08	5.18E-08	8.22E-08	1.41E-08	7.89E-08	4.44E-07
4972	492363.09	3862877.25	6.21E-04	6.36E-04	6.06E-04	2.15E-07	6.49E-07	3.76E-07	3.85E-07	3.49E-07	1.55E-07	1.52E-07	7.18E-09	1.73E-07	3.83E-08	5.22E-08	8.28E-08	1.43E-08	7.95E-08	4.48E-07
4973	492863.09	3862877.25	6.19E-04	6.34E-04	6.04E-04	2.14E-07	6.47E-07	3.75E-07	3.83E-07	3.48E-07	1.55E-07	1.51E-07	7.16E-09	1.73E-07	3.81E-08	5.21E-08	8.26E-08	1.42E-08	7.93E-08	4.46E-07
4974	493363.09	3862877.25	6.32E-04	6.47E-04	6.16E-04	2.19E-07	6.61E-07	3.82E-07	3.91E-07	3.55E-07	1.58E-07	1.54E-07	7.31E-09	1.76E-07	3.89E-08	5.32E-08	8.43E-08	1.45E-08	8.10E-08	4.56E-07
4975	493863.09	3862877.25	6.30E-04	6.45E-04	6.15E-04	2.18E-07	6.59E-07	3.81E-07	3.90E-07	3.54E-07	1.58E-07	1.54E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.45E-08	8.07E-08	4.54E-07
4976	494363.09	3862877.25	6.10E-04	6.25E-04	5.95E-04	2.11E-07	6.38E-07	3.69E-07	3.78E-07	3.43E-07	1.53E-07	1.49E-07	7.05E-09	1.70E-07	3.76E-08	5.13E-08	8.14E-08	1.40E-08	7.82E-08	4.40E-07
4977	494863.09	3862877.25	5.77E-04	5.91E-04	5.63E-04	2.00E-07	6.03E-07	3.49E-07	3.57E-07	3.24E-07	1.44E-07	1.41E-07	6.67E-09	1.61E-07	3.56E-08	4.85E-08	7.70E-08	1.33E-08	7.39E-08	4.16E-07
4978	495363.09	3862877.25	5.71E-04	5.84E-04	5.57E-04	1.98E-07	5.97E-07	3.45E-07	3.54E-07	3.20E-07	1.43E-07	1.39E-07	6.60E-09	1.59E-07	3.52E-08	4.80E-08	7.61E-08	1.31E-08	7.31E-08	4.12E-07
4979	495863.09	3862877.25	5.87E-04	6.01E-04	5.73E-04	2.03E-07	6.14E-07	3.55E-07	3.64E-07	3.30E-07	1.47E-07	1.43E-07	6.79E-09	1.64E-07	3.62E-08	4.94E-08	7.83E-08	1.35E-08	7.52E-08	4.23E-07
4980	496363.09	3862877.25	5.96E-04	6.10E-04	5.81E-04	2.06E-07	6.23E-07	3.61E-07	3.69E-07	3.35E-07	1.49E-07	1.45E-07	6.89E-09	1.66E-07	3.67E-08	5.01E-08	7.95E-08	1.37E-08	7.63E-08	4.30E-07
4981	496863.09	3862877.25	5.84E-04	5.98E-04	5.70E-04	2.02E-07	6.11E-07	3.54E-07	3.62E-07	3.28E-07	1.46E-07	1.43E-07	6.75E-09	1.63E-07	3.60E-08	4.91E-08	7.79E-08	1.34E-08	7.48E-08	4.21E-07
4982	497363.09	3862877.25	5.63E-04	5.76E-04	5.49E-04	1.95E-07	5.88E-07	3.40E-07	3.48E-07	3.16E-07	1.41E-07	1.37E-07	6.50E-09	1.57E-07	3.47E-08	4.73E-08	7.50E-08	1.29E-08	7.21E-08	4.06E-07
4983	497863.09	3862877.25	5.44E-04	5.57E-04	5.31E-04	1.88E-07	5.69E-07	3.29E-07	3.37E-07	3.06E-07	1.36E-07	1.33E-07	6.29E-09	1.52E-07	3.35E-08	4.58E-08	7.26E-08	1.25E-08	6.97E-08	3.92E-07
4984	498363.09	3862877.25	5.31E-04	5.44E-04	5.18E-04	1.84E-07	5.55E-07	3.21E-07	3.29E-07	2.98E-07	1.33E-07	1.30E-07	6.14E-09	1.48E-07	3.27E-08	4.46E-08	7.08E-08	1.22E-08	6.80E-08	3.83E-07
4985	471363.09	3863377.25	1.79E-04	1.84E-04	1.75E-04	6.21E-08	1.87E-07	1.08E-07	1.11E-07	1.01E-07	4.49E-08	4.38E-08	2.07E-09	5.01E-08	1.10E-08	1.51E-08	2.39E-08	4.12E-09	2.30E-08	1.29E-07
4986	471863.09	3863377.25	1.83E-04	1.88E-04	1.79E-04	6.35E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.59E-08	4.47E-08	2.12E-09	5.12E-08	1.13E-08	1.54E-08	2.45E-08	4.21E-09	2.35E-08	1.32E-07
4987	472363.09	3863377.25	1.88E-04	1.92E-04	1.83E-04	6.50E-08	1.96E-07	1.14E-07	1.16E-07	1.05E-07	4.70E-08	4.58E-08	2.17E-09	5.24E-08	1.16E-08	1.58E-08	2.50E-08	4.31E-09	2.41E-08	1.35E-07
4988	472863.09	3863377.25	1.93E-04	1.97E-04	1.88E-04	6.66E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.82E-08	4.70E-08	2.23E-09	5.38E-08	1.19E-08	1.62E-08	2.57E-08	4.42E-09	2.47E-08	1.39E-07
4989	473363.09	3863377.25	1.97E-04	2.02E-04	1.92E-04	6.83E-08	2.06E-07	1.19E-07	1.22E-07	1.11E-07	4.94E-08	4.81E-08	2.28E-09	5.51E-08	1.22E-08	1.66E-08	2.63E-08	4.53E-09	2.53E-08	1.42E-07
4990	473863.09	3863377.25	2.02E-04	2.07E-04	1.97E-04	6.99E-08	2.11E-07	1.22E-07	1.25E-07	1.13E-07	5.05E-08	4.93E-08	2.33E-09	5.64E-08	1.24E-08	1.70E-08	2.69E-08	4.64E-09	2.59E-08	1.46E-07
4991	474363.09	3863377.25	2.06E-04	2.11E-04	2.01E-04	7.14E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.16E-08	5.03E-08	2.38E-09	5.76E-08	1.27E-08	1.73E-08	2.75E-08	4.74E-09	2.64E-08	1.49E-07
4992	474863.09	3863377.25	2.10E-04	2.15E-04	2.05E-04	7.27E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.25E-08	5.12E-08	2.43E-09	5.86E-08	1.29E-08	1.77E-08	2.80E-08	4.82E-09	2.69E-08	1.51E-07
4993	475363.09	3863377.25	2.14E-04	2.19E-04	2.08E-04	7.40E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.35E-08	5.22E-08	2.47E-09	5.97E-08	1.32E-08	1.80E-08	2.85E-08	4.91E-09	2.74E-08	1.54E-07
4994	475863.09	3863377.25	2.18E-04	2.23E-04	2.13E-04	7.54E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.45E-08	5.32E-08	2.52E-09	6.08E-08	1.34E-08	1.83E-08	2.91E-08	5.01E-09	2.79E-08	1.57E-07
4995	476363.09	3863377.25	2.22E-04	2.28E-04	2.17E-04	7.70E-08	2.32E-07	1.35E-07	1.38E-07	1.25E-07	5.57E-08	5.43E-08	2.57E-09	6.21E-08	1.37E-08	1.87E-08	2.97E-08	5.11E-09	2.85E-08	1.60E-07
4996	476863.09	3863377.25	2.27E-04	2.32E-04	2.21E-04	7.85E-08	2.37E-07	1.37E-07	1.40E-07	1.27E-07	5.67E-08	5.53E-08	2.62E-09	6.33E-08	1.40E-08	1.91E-08	3.02E-08	5.21E-09	2.90E-08	1.63E-07
4997	477363.09	3863377.25	2.31E-04	2.37E-04	2.25E-04	8.00E-08	2.42E-07	1.40E-07	1.43E-07	1.30E-07	5.78E-08	5.64E-08	2.67E-09	6.45E-08	1.42E-08	1.94E-08	3.08E-08	5.31E-09	2.96E-08	1.67E-07
4998	477863.09	3863377.25	2.33E-04	2.39E-04	2.28E-04	8.08E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.84E-08	5.70E-08	2.70E-09	6.52E-08	1.44E-08	1.96E-08	3.11E-08	5.36E-09	2.99E-08	1.68E-07
4999	478363.09	3863377.25	2.26E-04	2.31E-04	2.21E-04	7.83E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.66E-08	5.52E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.02E-08	5.19E-09	2.90E-08	1.63E-07
5000	478863.09	3863377.25	2.35E-04	2.40E-04	2.29E-04	8.12E-08	2.45E-07	1.42E-07	1.45E-07	1.32E-07	5.87E-08	5.73E-08	2.71E-09	6.55E-08	1.45E-08	1.97E-08	3.13E-08	5.39E-09	3.01E-08	1.69E-07
5001	479363.09	3863377.25	2.52E-04	2.57E-04	2.45E-04	8.71E-08	2.63E-07	1.52E-07	1.56E-07	1.41E-07	6.30E-08	6.14E-08	2.91E-09	7.02E-08	1.55E-08	2.12E-08	3.36E-08	5.78E-09	3.22E-08	1.81E-07
5002	479863.09	3863377.25	2.63E-04	2.69E-04	2.56E-04	9.10E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.58E-08	6.41E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.50E-08	6.03E-09	3.37E-08	1.89E-07
5003	480363.09	3863377.25	2.70E-04	2.76E-04	2.63E-04	9.34E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.75E-08	6.58E-08	3.12E-09	7.53E-08	1.66E-08	2.27E-08	3.60E-08	6.19E-09	3.46E-08	1.94E-07
5004	480863.09	3863377.25	2.77E-04	2.84E-04	2.70E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	6.94E-08	6.77E-08	3.20E-09	7.74E-08	1.71E-08	2.33E-08	3.70E-08	6.37E-09	3.55E-08	2.00E-07
5005	481363.09	3863377.25	2.84E-04	2.91E-04	2.77E-04	9.83E-08	2.97E-07	1.72E-07	1.76E-07	1.59E-07	7.11E-08	6.93E-08	3.28E-09	7.93E-08	1.75E-08	2.39E-08	3.79E-08	6.52E-09	3.64E-08	2.05E-07
5006	481863.09	3863377.25	2.91E-04	2.97E-04	2.83E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.27E-08	7.09E-08	3.36E-09	8.12E-08	1.79E-08	2.44E-08	3.88E-08	6.68E-09	3.72E-08	2.10E-07
5007	482363.09	3863377.25	2.98E-04	3.05E-04	2.90E-04	1.03E-07	3.11E-07	1.80E-07	1.84E-07	1.67E-07	7.45E-08	7.27E-08	3.44E-09	8.32E-08	1.84E-08	2.50E-08	3.97E-08	6.84E-09	3.82E-08	2.15E-07
5008	482863.09	3863377.25	3.06E-04	3.13E-04	2.98E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.72E-07	7.65E-08	7.46E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.08E-08	7.02E-09	3.91E-08	2.20E-07
5009	483363.09	3863377.25	3.15E-04	3.23E-04	3.08E-04	1.09E-07	3.30E-07	1.91E-07	1.95E-07	1.77E-07	7.89E-08	7.70E-08	3.64E-09	8.80E-08	1.94E-08	2.65E-08	4.21E-08	7.24E-09	4.04E-08	2.27E-07
5010	483863.09	3863377.25	3.26E-04	3.34E-04	3.18E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.17E-08	7.96E-08	3.77E-09	9.11E-08	2.01E-08	2.74E-08	4.35E-08	7.49E-09	4.18E-08	2.35E-07
5011	484363.09	3863377.25	3.37E-04	3.45E-04	3.29E-04	1.17E-07	3.52E-07	2.04E-07	2.09E-07	1.89E-07	8.44E-08	8.23E-08	3.90E-09	9.42E-08	2.08E-08	2.84E-08	4.50E-08	7.74E-09	4.32E-08	2.43E-07
5012	484863.09	3863377.25	3.50E-04	3.59E-04	3.42E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.77E-08	8.55E-08	4.05E-09	9.78E-08	2.16E-08	2.95E-08	4.67E-08	8.05E-09	4.49E-08	2.53E-07
5013	485363.09	3863377.25	3.64E-04	3.73E-04	3.55E-04	1.26E-07	3.81E-07	2.20E-07	2.26E-07	2.04E-07	9.11E-08	8.89E-08	4.21E-09	1.02E-07	2.24E-08	3.06E-08	4.86E-08	8.36E-09	4.66E-08	2.63E-07
5014	485863.09	3863377.25	3.80E-04	3.89E-04	3.70E-04	1.31E-07	3.97E-07	2.30E-07	2.35E-07	2.13E-07	9.50E-08	9.26E-08	4.39E-09	1.06E-07	2.34E-08	3.19E-08	5.06E-08	8.72E-09	4.86E-08	2.74E-07
5015	486363.09	3863377.25	3.97E-04	4.06E-04	3.87E-04	1.37E-07	4.15E-07	2.40E-07	2.46E-07	2.23E-07	9.94E-08	9.69E-08	4.59E-09	1.11E-07	2.45E-08	3.34E-08	5.30E-08	9.12E-09	5.09E-08	2.86E-07
5016	486863.09	3863377.25	4.16E-04	4.26E-04	4.06E-04	1.44E-07	4.35E-07	2.52E-07	2.58E-07	2.34E-07	1.04E-07	1.02E-07	4.81E-09	1.16E-07	2.56E-08	3.50E-08	5.55E-08	9.56E-09	5.33E-08	3.00E-07
5017	487363.09	3863377.25	4.36E-04	4.47E-04	4.26E-04	1.51E-07	4.56E-07	2.64E-07	2.70E-07	2.45E-07	1.09E-07	1.07E-07	5.04E-09	1.22E-07	2.69E-08	3.67E-08	5.82E-08	1.00E-08	5.59E-08	3.15E-07
5018	487863.09	3863377.25	4.60E-04	4.71E-04	4.49E-04	1.59E-07	4.81E-07	2.79E-07	2.85E-07	2.59E-07	1.15E-07	1.12E-07	5.32E-09	1.29E-07	2.84E-08	3.87E-08	6.14E-08	1.06E-08	5.90E-08	3.32E-07
5019	488363.09	3863377.25	4.83E-04	4.95E-04	4.71E-04	1.67E-07	5.05E-07	2.92E-07	2.99E-07	2.71E-07	1.21E-07	1.18E-07	5.59E-09	1.35E-07	2.98E-08	4.06E-08	6.45E-08	1.11E-08	6.19E-08	3.49E-07
5020	488863.09	3863377.25	5.04E-04	5.16E-04	4.92E-04	1.74E-07	5.27E-07	3.05E-07	3.12E-07	2.83E-07	1.26E-07	1.23E-07	5.83E-09	1.41E-07	3.11E-08	4.24E-08	6.72E-08	1.16E-08	6.46E-08	3.63E-07
5021	489363.09	3863377.25	5.16E-04	5.28E-04	5.03E-04	1.79E-07	5.39E-07	3.12E-07	3.20E-07	2.90E-07	1.29E-07	1.26E-07	5.96E-09	1.44E-07	3.18E-08	4.34E-08	6.88E-08	1.19E-08	6.61E-08	3.72E-07
5022	489863.09	3863377.25	5.22E-04	5.34E-04	5.09E-04	1.81E-07	5.45E-07	3.16E-07	3.23E-07	2.93E-07	1.31E-07	1.27E-07	6.03E-09	1.46E-07	3.21E-08	4.39E-08	6.96E-08	1.20E-08	6.68E-08	3.76E-07
5023	490363.09	3863377.25	5.23E-04	5.36E-04	5.11E-04	1.81E-07	5.47E-07	3.17E-07	3.24E-07	2.94E-07	1.31E-07	1.28E-07	6.05E-09	1.46E-07	3.23E-08	4.40E-08	6.98E-08	1.20E-08	6.71E-08	3.77E-07
5024	490863.09	3863377.25	5.24E-04	5.36E-04	5.11E-04	1.81E-07	5.47E-07	3.17E-07	3.24E-07	2.94E-07	1.31E-07	1.28E-07	6.05E-09	1.46E-07	3.23E-08	4.40E-08	6.99E-08	1.20E-08	6.71E-08	3.78E-07
5025	491363.09	3863377.25	5.12E-04	5.24E-04	4.99E-04	1.77E-07	5.35E-07	3.10E-07	3.17E-07	2.87E-07	1.28E-07	1.25E-07	5.92E-09	1.43E-07	3.15E-08	4.31E-08	6.83E-08	1.18E-08	6.56E-08	3.69E-07
5026	491863.09	3863377.25	5.06E-04	5.18E-04	4.93E-04	1.75E-07	5.29E-07	3.06E-07	3.13E-07	2.84E-07	1.27E-07	1.23E-07	5.85E-09	1.41E-07	3.12E-08	4.25E-08	6.75E-08	1.16E-08	6.48E-08	3.65E-07
5027	492363.09	3863377.25	5.18E-04	5.30E-04	5.05E-04	1.79E-07	5.41E-07	3.13E-07	3.21E-07	2.91E-07	1.30E-07	1.26E-07	5.99E-09	1.45E-07	3.19E-08	4.35E-08	6.91E-08	1.19E-08	6.63E-08	3.73E-07
5028	492863.09	3863377.25	5.25E-04	5.38E-04	5.13E-04	1.82E-07	5.49E-07	3.18E-07	3.25E-07	2.95E-07	1.32E-07	1.28E-07	6.07E-09	1.47E-07	3.24E-08	4.42E-08	7.01E-08	1.21E-08	6.73E-08	3.79E-07
5029	493363.09	3863377.25	5.32E-04	5.45E-04	5.19E-04	1.84E-07	5.56E-07	3.22E-07	3.30E-07	2.99E-07	1.33E-07	1.30E-07	6.15E-09	1.49E-07	3.28E-08	4.48E-08	7.10E-08	1.22E-08	6.82E-08	3.84E-07
5030	493863.09	3863377.25	5.35E-04	5.47E-04	5.21E-04	1.85E-07	5.59E-07	3.24E-07	3.31E-07	3.00E-07	1.34E-07	1.31E-07	6.18E-09	1.49E-07	3.29E-08	4.50E-08	7.13E-08	1.23E-08	6.85E-08	3.85E-07
5031	494363.09	3863377.25	5.29E-04	5.42E-04	5.16E-04	1.83E-07	5.53E-07	3.20E-07	3.28E-07	2.97E-07	1.32E-07	1.29E-07	6.12E-09	1.48E-07	3.26E-08	4.45E-08	7.06E-08	1.22E-08	6.78E-08	3.82E-07
5032	494863.09	3863377.25	5.16E-04	5.28E-04	5.04E-04	1.79E-07	5.40E-07	3.12E-07	3.20E-07	2.90E-07	1.29E-07	1.26E-07	5.97E-09	1.44E-07	3.18E-08	4.34E-08	6.89E-08	1.19E-08	6.61E-08	3.72E-07
5033	495363.09	3863377.25	4.95E-04	5.07E-04	4.83E-04	1.71E-07	5.18E-07	3.00E-07	3.07E-07	2.78E-07	1.24E-07	1.21E-07	5.73E-09	1.38E-07	3.05E-08	4.17E-08	6.61E-08	1.14E-08	6.35E-08	3.57E-07
5034	495863.09	3863377.25	4.86E-04	4.97E-04	4.74E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.22E-07	1.19E-07	5.61E-09	1.36E-07	2.99E-08	4.08E-08	6.48E-08	1.12E-08	6.22E-08	3.50E-07
5035	496363.09	3863377.25	4.78E-04	4.89E-04	4.66E-04	1.65E-07	5.00E-07	2.89E-07	2.96E-07	2.68E-07	1.20E-07	1.17E-07	5.52E-09	1.33E-07	2.94E-08	4.02E-08	6.38E-08	1.10E-08	6.12E-08	3.45E-07
5036	496863.09	3863377.25	4.79E-04	4.90E-04	4.67E-04	1.66E-07	5.00E-07	2.90E-07	2.96E-07	2.69E-07	1.20E-07	1.17E-07	5.53E-09	1.34E-07	2.95E-08	4.03E-08	6.39E-08	1.10E-08	6.13E-08	3.45E-07
5037	497363.09	3863377.25	4.82E-04	4.93E-04	4.70E-04	1.67E-07	5.04E-07	2.92E-07	2.98E-07	2.71E-07	1.21E-07	1.18E-07	5.57E-09	1.35E-07	2.97E-08	4.05E-08	6.43E-08	1.11E-08	6.17E-08	3.47E-07
5038	497863.09	3863377.25	4.75E-04	4.86E-04	4.63E-04	1.64E-07	4.96E-07	2.87E-07	2.94E-07	2.67E-07	1.19E-07	1.16E-07	5.49E-09	1.33E-07	2.92E-08	3.99E-08	6.33E-08	1.09E-08	6.08E-08	3.42E-07
5039	498363.09	3863377.25	4.61E-04	4.72E-04	4.49E-04	1.59E-07	4.82E-07	2.79E-07	2.85E-07	2.59E-07	1.15E-07	1.12E-07	5.33E-09	1.29E-07	2.84E-08	3.87E-08	6.15E-08	1.06E-08	5.90E-08	3.32E-07
5040	471363.09	3863877.25	1.72E-04	1.76E-04	1.68E-04	5.97E-08	1.80E-07	1.04E-07	1.07E-07	9.68E-08	4.31E-08	4.21E-08	1.99E-09	4.81E-08	1.06E-08	1.45E-08	2.30E-08	3.96E-09	2.21E-08	1.24E-07
5041	471863.09	3863877.25	1.76E-04	1.80E-04	1.72E-04	6.10E-08	1.84E-07	1.07E-07	1.09E-07	9.90E-08	4.41E-08	4.30E-08	2.04E-09	4.92E-08	1.09E-08	1.48E-08	2.35E-08	4.05E-09	2.26E-08	1.27E-07
5042	472363.09	3863877.25	1.81E-04	1.85E-04	1.77E-04	6.27E-08	1.89E-07	1.10E-07	1.12E-07	1.02E-07	4.53E-08	4.42E-08	2.09E-09	5.06E-08	1.12E-08	1.52E-08	2.42E-08	4.16E-09	2.32E-08	1.31E-07
5043	472863.09	3863877.25	1.86E-04	1.90E-04	1.81E-04	6.43E-08	1.94E-07	1.12E-07	1.15E-07	1.04E-07	4.65E-08	4.53E-08	2.15E-09	5.19E-08	1.14E-08	1.56E-08	2.48E-08	4.27E-09	2.38E-08	1.34E-07

5044	473363.09	3863877.25	1.90E-04	1.95E-04	1.86E-04	6.59E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.76E-08	4.64E-08	2.20E-09	5.31E-08	1.17E-08	1.60E-08	2.54E-08	4.37E-09	2.44E-08	1.37E-07
5045	473863.09	3863877.25	1.95E-04	1.99E-04	1.90E-04	6.74E-08	2.04E-07	1.18E-07	1.21E-07	1.09E-07	4.87E-08	4.75E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.47E-09	2.49E-08	1.40E-07
5046	474363.09	3863877.25	1.99E-04	2.03E-04	1.94E-04	6.88E-08	2.08E-07	1.20E-07	1.23E-07	1.12E-07	4.97E-08	4.85E-08	2.30E-09	5.55E-08	1.22E-08	1.67E-08	2.65E-08	4.56E-09	2.55E-08	1.43E-07
5047	474863.09	3863877.25	2.02E-04	2.07E-04	1.97E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.06E-08	4.94E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.64E-09	2.59E-08	1.46E-07
5048	475363.09	3863877.25	2.06E-04	2.11E-04	2.01E-04	7.13E-08	2.15E-07	1.25E-07	1.28E-07	1.16E-07	5.15E-08	5.03E-08	2.38E-09	5.75E-08	1.27E-08	1.73E-08	2.75E-08	4.73E-09	2.64E-08	1.48E-07
5049	475863.09	3863877.25	2.10E-04	2.15E-04	2.05E-04	7.26E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.25E-08	5.12E-08	2.42E-09	5.86E-08	1.29E-08	1.76E-08	2.80E-08	4.82E-09	2.69E-08	1.51E-07
5050	476363.09	3863877.25	2.14E-04	2.19E-04	2.08E-04	7.40E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.35E-08	5.22E-08	2.47E-09	5.97E-08	1.32E-08	1.80E-08	2.85E-08	4.91E-09	2.74E-08	1.54E-07
5051	476863.09	3863877.25	2.17E-04	2.23E-04	2.12E-04	7.53E-08	2.27E-07	1.32E-07	1.35E-07	1.22E-07	5.44E-08	5.31E-08	2.51E-09	6.07E-08	1.34E-08	1.83E-08	2.90E-08	4.99E-09	2.79E-08	1.57E-07
5052	477363.09	3863877.25	2.22E-04	2.27E-04	2.16E-04	7.67E-08	2.32E-07	1.34E-07	1.37E-07	1.24E-07	5.55E-08	5.41E-08	2.56E-09	6.19E-08	1.37E-08	1.86E-08	2.96E-08	5.09E-09	2.84E-08	1.60E-07
5053	477863.09	3863877.25	2.26E-04	2.31E-04	2.21E-04	7.83E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.66E-08	5.52E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.02E-08	5.19E-09	2.90E-08	1.63E-07
5054	478363.09	3863877.25	2.25E-04	2.31E-04	2.20E-04	7.80E-08	2.36E-07	1.36E-07	1.40E-07	1.27E-07	5.64E-08	5.50E-08	2.61E-09	6.29E-08	1.39E-08	1.90E-08	3.01E-08	5.18E-09	2.89E-08	1.62E-07
5055	478863.09	3863877.25	2.38E-04	2.44E-04	2.32E-04	8.25E-08	2.49E-07	1.44E-07	1.48E-07	1.34E-07	5.96E-08	5.82E-08	2.76E-09	6.65E-08	1.47E-08	2.00E-08	3.18E-08	5.47E-09	3.05E-08	1.72E-07
5056	479363.09	3863877.25	2.47E-04	2.53E-04	2.41E-04	8.54E-08	2.58E-07	1.49E-07	1.53E-07	1.39E-07	6.18E-08	6.02E-08	2.85E-09	6.89E-08	1.52E-08	2.08E-08	3.29E-08	5.67E-09	3.16E-08	1.78E-07
5057	479863.09	3863877.25	2.53E-04	2.59E-04	2.47E-04	8.75E-08	2.64E-07	1.53E-07	1.57E-07	1.42E-07	6.33E-08	6.17E-08	2.92E-09	7.06E-08	1.56E-08	2.13E-08	3.37E-08	5.81E-09	3.24E-08	1.82E-07
5058	480363.09	3863877.25	2.57E-04	2.63E-04	2.51E-04	8.91E-08	2.69E-07	1.56E-07	1.59E-07	1.44E-07	6.44E-08	6.28E-08	2.97E-09	7.18E-08	1.59E-08	2.16E-08	3.43E-08	5.91E-09	3.30E-08	1.85E-07
5059	480863.09	3863877.25	2.62E-04	2.68E-04	2.56E-04	9.07E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.56E-08	6.40E-08	3.03E-09	7.32E-08	1.61E-08	2.20E-08	3.49E-08	6.02E-09	3.36E-08	1.89E-07
5060	481363.09	3863877.25	2.66E-04	2.73E-04	2.60E-04	9.22E-08	2.79E-07	1.61E-07	1.65E-07	1.50E-07	6.67E-08	6.50E-08	3.08E-09	7.44E-08	1.64E-08	2.24E-08	3.55E-08	6.12E-09	3.41E-08	1.92E-07
5061	481863.09	3863877.25	2.71E-04	2.78E-04	2.65E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.52E-07	6.79E-08	6.63E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.23E-09	3.48E-08	1.96E-07
5062	482363.09	3863877.25	2.77E-04	2.84E-04	2.70E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	6.94E-08	6.77E-08	3.20E-09	7.74E-08	1.71E-08	2.33E-08	3.70E-08	6.37E-09	3.55E-08	2.00E-07
5063	482863.09	3863877.25	2.83E-04	2.89E-04	2.76E-04	9.78E-08	2.95E-07	1.71E-07	1.75E-07	1.59E-07	7.07E-08	6.90E-08	3.27E-09	7.89E-08	1.74E-08	2.38E-08	3.77E-08	6.49E-09	3.62E-08	2.04E-07
5064	483363.09	3863877.25	2.90E-04	2.96E-04	2.82E-04	1.00E-07	3.03E-07	1.75E-07	1.79E-07	1.63E-07	7.25E-08	7.07E-08	3.35E-09	8.09E-08	1.78E-08	2.44E-08	3.86E-08	6.65E-09	3.71E-08	2.09E-07
5065	483863.09	3863877.25	2.99E-04	3.06E-04	2.91E-04	1.03E-07	3.12E-07	1.81E-07	1.85E-07	1.68E-07	7.47E-08	7.29E-08	3.45E-09	8.34E-08	1.84E-08	2.51E-08	3.98E-08	6.86E-09	3.83E-08	2.15E-07
5066	484363.09	3863877.25	3.08E-04	3.15E-04	3.00E-04	1.07E-07	3.22E-07	1.86E-07	1.91E-07	1.73E-07	7.70E-08	7.51E-08	3.56E-09	8.59E-08	1.90E-08	2.59E-08	4.11E-08	7.07E-09	3.94E-08	2.22E-07
5067	484863.09	3863877.25	3.19E-04	3.27E-04	3.11E-04	1.11E-07	3.34E-07	1.93E-07	1.98E-07	1.79E-07	7.99E-08	7.79E-08	3.69E-09	8.91E-08	1.97E-08	2.68E-08	4.26E-08	7.33E-09	4.09E-08	2.30E-07
5068	485363.09	3863877.25	3.30E-04	3.38E-04	3.22E-04	1.14E-07	3.45E-07	2.00E-07	2.04E-07	1.85E-07	8.25E-08	8.05E-08	3.81E-09	9.21E-08	2.03E-08	2.77E-08	4.40E-08	7.57E-09	4.22E-08	2.38E-07
5069	485863.09	3863877.25	3.42E-04	3.51E-04	3.34E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.57E-08	8.36E-08	3.96E-09	9.56E-08	2.11E-08	2.88E-08	4.57E-08	7.87E-09	4.39E-08	2.47E-07
5070	486363.09	3863877.25	3.57E-04	3.65E-04	3.48E-04	1.23E-07	3.73E-07	2.16E-07	2.21E-07	2.00E-07	8.93E-08	8.71E-08	4.12E-09	9.96E-08	2.20E-08	3.00E-08	4.76E-08	8.19E-09	4.57E-08	2.57E-07
5071	486863.09	3863877.25	3.73E-04	3.82E-04	3.64E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.09E-07	9.34E-08	9.11E-08	4.31E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.57E-09	4.78E-08	2.69E-07
5072	487363.09	3863877.25	3.89E-04	3.98E-04	3.79E-04	1.35E-07	4.07E-07	2.35E-07	2.41E-07	2.18E-07	9.74E-08	9.50E-08	4.50E-09	1.09E-07	2.40E-08	3.27E-08	5.19E-08	8.93E-09	4.98E-08	2.80E-07
5073	487863.09	3863877.25	4.07E-04	4.16E-04	3.97E-04	1.41E-07	4.25E-07	2.46E-07	2.52E-07	2.28E-07	1.02E-07	9.93E-08	4.70E-09	1.14E-07	2.51E-08	3.42E-08	5.43E-08	9.34E-09	5.21E-08	2.93E-07
5074	488363.09	3863877.25	4.24E-04	4.34E-04	4.13E-04	1.47E-07	4.43E-07	2.56E-07	2.62E-07	2.38E-07	1.06E-07	1.03E-07	4.90E-09	1.18E-07	2.61E-08	3.56E-08	5.65E-08	9.73E-09	5.43E-08	3.05E-07
5075	488863.09	3863877.25	4.38E-04	4.48E-04	4.27E-04	1.52E-07	4.58E-07	2.65E-07	2.71E-07	2.46E-07	1.10E-07	1.07E-07	5.06E-09	1.22E-07	2.70E-08	3.68E-08	5.84E-08	1.01E-08	5.61E-08	3.16E-07
5076	489363.09	3863877.25	4.43E-04	4.54E-04	4.32E-04	1.53E-07	4.63E-07	2.68E-07	2.74E-07	2.49E-07	1.11E-07	1.08E-07	5.12E-09	1.24E-07	2.73E-08	3.73E-08	5.91E-08	1.02E-08	5.68E-08	3.19E-07
5077	489863.09	3863877.25	4.43E-04	4.54E-04	4.32E-04	1.53E-07	4.63E-07	2.68E-07	2.74E-07	2.49E-07	1.11E-07	1.08E-07	5.12E-09	1.24E-07	2.73E-08	3.73E-08	5.91E-08	1.02E-08	5.68E-08	3.19E-07
5078	490363.09	3863877.25	4.42E-04	4.52E-04	4.31E-04	1.53E-07	4.62E-07	2.67E-07	2.74E-07	2.48E-07	1.11E-07	1.08E-07	5.11E-09	1.23E-07	2.72E-08	3.72E-08	5.90E-08	1.02E-08	5.66E-08	3.19E-07
5079	490863.09	3863877.25	4.42E-04	4.52E-04	4.31E-04	1.53E-07	4.62E-07	2.67E-07	2.74E-07	2.48E-07	1.11E-07	1.08E-07	5.11E-09	1.23E-07	2.72E-08	3.72E-08	5.89E-08	1.01E-08	5.66E-08	3.19E-07
5080	491363.09	3863877.25	4.34E-04	4.45E-04	4.24E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.09E-07	1.06E-07	5.02E-09	1.21E-07	2.68E-08	3.65E-08	5.79E-08	9.98E-09	5.56E-08	3.13E-07
5081	491863.09	3863877.25	4.40E-04	4.50E-04	4.29E-04	1.52E-07	4.60E-07	2.66E-07	2.73E-07	2.47E-07	1.10E-07	1.07E-07	5.09E-09	1.23E-07	2.71E-08	3.70E-08	5.87E-08	1.01E-08	5.64E-08	3.17E-07
5082	492363.09	3863877.25	4.38E-04	4.48E-04	4.27E-04	1.51E-07	4.57E-07	2.65E-07	2.71E-07	2.46E-07	1.10E-07	1.07E-07	5.06E-09	1.22E-07	2.70E-08	3.68E-08	5.84E-08	1.01E-08	5.61E-08	3.15E-07
5083	492863.09	3863877.25	4.08E-04	4.18E-04	3.98E-04	1.41E-07	4.27E-07	2.47E-07	2.53E-07	2.29E-07	1.02E-07	9.97E-08	4.72E-09	1.14E-07	2.52E-08	3.43E-08	5.45E-08	9.38E-09	5.23E-08	2.94E-07
5084	493363.09	3863877.25	4.15E-04	4.25E-04	4.05E-04	1.44E-07	4.34E-07	2.51E-07	2.57E-07	2.33E-07	1.04E-07	1.01E-07	4.80E-09	1.16E-07	2.56E-08	3.49E-08	5.54E-08	9.54E-09	5.32E-08	2.99E-07
5085	493863.09	3863877.25	4.30E-04	4.41E-04	4.20E-04	1.49E-07	4.50E-07	2.60E-07	2.67E-07	2.42E-07	1.08E-07	1.05E-07	4.97E-09	1.20E-07	2.65E-08	3.62E-08	5.74E-08	9.88E-09	5.51E-08	3.10E-07
5086	494363.09	3863877.25	4.47E-04	4.58E-04	4.36E-04	1.55E-07	4.68E-07	2.71E-07	2.77E-07	2.51E-07	1.12E-07	1.09E-07	5.17E-09	1.25E-07	2.76E-08	3.76E-08	5.97E-08	1.03E-08	5.73E-08	3.22E-07
5087	494863.09	3863877.25	4.45E-04	4.56E-04	4.34E-04	1.54E-07	4.65E-07	2.69E-07	2.76E-07	2.50E-07	1.11E-07	1.09E-07	5.15E-09	1.24E-07	2.74E-08	3.74E-08	5.94E-08	1.02E-08	5.70E-08	3.21E-07
5088	495363.09	3863877.25	4.41E-04	4.51E-04	4.30E-04	1.53E-07	4.61E-07	2.67E-07	2.73E-07	2.48E-07	1.10E-07	1.08E-07	5.10E-09	1.23E-07	2.72E-08	3.71E-08	5.88E-08	1.01E-08	5.65E-08	3.18E-07
5089	495863.09	3863877.25	4.20E-04	4.30E-04	4.09E-04	1.45E-07	4.39E-07	2.54E-07	2.60E-07	2.36E-07	1.05E-07	1.02E-07	4.85E-09	1.17E-07	2.59E-08	3.53E-08	5.60E-08	9.64E-09	5.38E-08	3.03E-07
5090	496363.09	3863877.25	4.07E-04	4.16E-04	3.97E-04	1.41E-07	4.25E-07	2.46E-07	2.52E-07	2.28E-07	1.02E-07	9.93E-08	4.70E-09	1.14E-07	2.51E-08	3.42E-08	5.43E-08	9.34E-09	5.21E-08	2.93E-07
5091	496863.09	3863877.25	4.01E-04	4.10E-04	3.91E-04	1.39E-07	4.19E-07	2.42E-07	2.48E-07	2.25E-07	1.00E-07	9.78E-08	4.63E-09	1.12E-07	2.47E-08	3.37E-08	5.35E-08	9.20E-09	5.13E-08	2.89E-07
5092	497363.09	3863877.25	4.03E-04	4.13E-04	3.93E-04	1.40E-07	4.21E-07	2.44E-07	2.50E-07	2.26E-07	1.01E-07	9.84E-08	4.66E-09	1.13E-07	2.48E-08	3.39E-08	5.38E-08	9.26E-09	5.17E-08	2.91E-07
5093	497863.09	3863877.25	4.10E-04	4.20E-04	4.00E-04	1.42E-07	4.28E-07	2.48E-07	2.54E-07	2.30E-07	1.03E-07	1.00E-07	4.74E-09	1.14E-07	2.53E-08	3.45E-08	5.47E-08	9.42E-09	5.25E-08	2.96E-07
5094	498363.09	3863877.25	4.08E-04	4.18E-04	3.98E-04	1.41E-07	4.26E-07	2.47E-07	2.53E-07	2.29E-07	1.02E-07	9.96E-08	4.72E-09	1.14E-07	2.51E-08	3.43E-08	5.44E-08	9.37E-09	5.23E-08	2.94E-07
5095	471363.09	3864377.25	1.67E-04	1.71E-04	1.63E-04	5.78E-08	1.74E-07	1.01E-07	1.03E-07	9.37E-08	4.18E-08	4.07E-08	1.93E-09	4.66E-08	1.03E-08	1.40E-08	2.23E-08	3.83E-09	2.14E-08	1.20E-07
5096	471863.09	3864377.25	1.71E-04	1.75E-04	1.67E-04	5.92E-08	1.79E-07	1.04E-07	1.06E-07	9.61E-08	4.28E-08	4.18E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.28E-08	3.93E-09	2.19E-08	1.23E-07
5097	472363.09	3864377.25	1.76E-04	1.80E-04	1.71E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.86E-08	4.39E-08	4.29E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.03E-09	2.25E-08	1.27E-07
5098	472863.09	3864377.25	1.80E-04	1.84E-04	1.76E-04	6.23E-08	1.88E-07	1.09E-07	1.12E-07	1.01E-07	4.51E-08	4.40E-08	2.08E-09	5.03E-08	1.11E-08	1.51E-08	2.40E-08	4.14E-09	2.31E-08	1.30E-07
5099	473363.09	3864377.25	1.84E-04	1.88E-04	1.79E-04	6.37E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.61E-08	4.49E-08	2.13E-09	5.14E-08	1.13E-08	1.55E-08	2.46E-08	4.23E-09	2.36E-08	1.33E-07
5100	473863.09	3864377.25	1.88E-04	1.92E-04	1.83E-04	6.51E-08	1.97E-07	1.14E-07	1.16E-07	1.06E-07	4.71E-08	4.59E-08	2.17E-09	5.25E-08	1.16E-08	1.58E-08	2.51E-08	4.32E-09	2.41E-08	1.36E-07
5101	474363.09	3864377.25	1.92E-04	1.96E-04	1.87E-04	6.63E-08	2.00E-07	1.16E-07	1.19E-07	1.08E-07	4.79E-08	4.67E-08	2.21E-09	5.35E-08	1.18E-08	1.61E-08	2.55E-08	4.40E-09	2.45E-08	1.38E-07
5102	474863.09	3864377.25	1.95E-04	2.00E-04	1.90E-04	6.75E-08	2.04E-07	1.18E-07	1.21E-07	1.09E-07	4.88E-08	4.76E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.48E-09	2.50E-08	1.41E-07
5103	475363.09	3864377.25	1.98E-04	2.03E-04	1.94E-04	6.87E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	4.97E-08	4.84E-08	2.29E-09	5.54E-08	1.22E-08	1.67E-08	2.65E-08	4.56E-09	2.54E-08	1.43E-07
5104	475863.09	3864377.25	2.02E-04	2.07E-04	1.97E-04	6.99E-08	2.11E-07	1.22E-07	1.25E-07	1.13E-07	5.05E-08	4.93E-08	2.33E-09	5.64E-08	1.24E-08	1.70E-08	2.69E-08	4.64E-09	2.59E-08	1.46E-07
5105	476363.09	3864377.25	2.05E-04	2.10E-04	2.00E-04	7.11E-08	2.15E-07	1.24E-07	1.27E-07	1.15E-07	5.14E-08	5.02E-08	2.38E-09	5.74E-08	1.27E-08	1.73E-08	2.74E-08	4.72E-09	2.63E-08	1.48E-07
5106	476863.09	3864377.25	2.09E-04	2.14E-04	2.04E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.24E-08	5.11E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.79E-08	4.81E-09	2.68E-08	1.51E-07
5107	477363.09	3864377.25	2.13E-04	2.18E-04	2.08E-04	7.39E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.34E-08	5.21E-08	2.47E-09	5.96E-08	1.32E-08	1.79E-08	2.85E-08	4.90E-09	2.73E-08	1.54E-07
5108	477863.09	3864377.25	2.18E-04	2.23E-04	2.13E-04	7.55E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.46E-08	5.33E-08	2.52E-09	6.09E-08	1.34E-08	1.83E-08	2.91E-08	5.01E-09	2.79E-08	1.57E-07
5109	478363.09	3864377.25	2.24E-04	2.29E-04	2.18E-04	7.75E-08	2.34E-07	1.35E-07	1.39E-07	1.26E-07	5.60E-08	5.46E-08	2.59E-09	6.25E-08	1.38E-08	1.88E-08	2.99E-08	5.14E-09	2.87E-08	1.61E-07
5110	478863.09	3864377.25	2.30E-04	2.36E-04	2.24E-04	7.97E-08	2.41E-07	1.39E-07	1.43E-07	1.29E-07	5.76E-08	5.62E-08	2.66E-09	6.43E-08	1.42E-08	1.94E-08	3.07E-08	5.29E-09	2.95E-08	1.66E-07
5111	479363.09	3864377.25	2.35E-04	2.41E-04	2.29E-04	8.14E-08	2.46E-07	1.42E-07	1.46E-07	1.32E-07	5.88E-08	5.74E-08	2.72E-09	6.56E-08	1.45E-08	1.98E-08	3.14E-08	5.40E-09	3.01E-08	1.69E-07
5112	479863.09	3864377.25	2.39E-04	2.44E-04	2.33E-04	8.27E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	5.98E-08	5.83E-08	2.76E-09	6.67E-08	1.47E-08	2.01E-08	3.19E-08	5.49E-09	3.06E-08	1.72E-07
5113	480363.09	3864377.25	2.42E-04	2.48E-04	2.36E-04	8.38E-08	2.53E-07	1.46E-07	1.50E-07	1.36E-07	6.06E-08	5.91E-08	2.80E-09	6.76E-08	1.49E-08	2.04E-08	3.23E-08	5.56E-09	3.10E-08	1.75E-07
5114	480863.09	3864377.25	2.45E-04	2.50E-04	2.39E-04	8.47E-08	2.56E-07	1.48E-07	1.51E-07	1.37E-07	6.12E-08	5.97E-08	2.83E-09	6.83E-08	1.51E-08	2.06E-08	3.26E-08	5.62E-09	3.13E-08	1.76E-07
5115	481363.09	3864377.25	2.49E-04	2.54E-04	2.42E-04	8.60E-08	2.60E-07	1.50E-07	1.54E-07	1.40E-07	6.22E-08	6.07E-08	2.87E-09	6.94E-08	1.53E-08	2.09E-08	3.32E-08	5.71E-09	3.18E-08	1.79E-07
5116	481863.09	3864377.25	2.53E-04	2.59E-04	2.47E-04	8.75E-08	2.64E-07	1.53E-07	1.57E-07	1.42E-07	6.33E-08	6.17E-08	2.92E-09	7.06E-08	1.56E-08	2.13E-08	3.37E-08	5.81E-09	3.24E-08	1.82E-07
5117	482363.09	3864377.25	2.57E-04	2.63E-04	2.50E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.43E-08	6.27E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	5.90E-09	3.29E-08	1.85E-07
5118	482863.09	3864377.25	2.61E-04	2.67E-04	2.55E-04	9.03E-08	2.73E-07	1.58E-07	1.62E-07	1.47E-07	6.53E-08	6.37E-08	3.02E-09	7.29E-08	1.61E-08	2.19E-08	3.48E-08	5.99E-09	3.34E-08	1.88E-07
5119	483363.09	3864377.25	2.66E-04	2.72E-04	2.59E-04	9.21E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.66E-08	6.49E-08	3.07E-09	7.43E-08	1.64E-08	2.24E-08	3.55E-08	6.11E-09	3.41E-08	1.92E-07
5120	483863.09	3864377.25	2.73E-04	2.79E-04	2.66E-04	9.44E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	6.83E-08	6.66E-08	3.15E-09	7.61E-08	1.68E-08	2.29E-08	3.64E-08	6.26E-09	3.49E-08	1.97E-07
5121	484363.09	3864377.25	2.81E-04	2.88E-04	2.74E-04	9.73E-08	2.94E-07	1.70E-07	1.74E-07	1.58E-07	7.04E-08	6.86E-08	3.25E-09	7.85E-08	1.73E-08	2.36E-08	3.75E-08	6.46E-09	3.60E-08	2.03E-07
5122	484863.09	3864377.25	2.90E-04	2.96E-04	2.82E-04	1.00E-07	3.03E-07	1.75E-07	1.79E-07	1.63E-07	7.25E-08	7.07E-08	3.35E-09	8.09E-08	1.78E-08	2.44E-08	3.86E-08	6.65E-09	3.71E-08	2.09E-07
5123	485363.09	3864377.25	3.00E-04	3.07E-04	2.92E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.50E-08	7.32E-08	3.47E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	6.89E-09	3.84E-08	2.16E-07
5124	485863.09	3864377.25	3.13E-04	3.20E-04	3.05E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.75E-07	7.82E-08	7.63E-08	3.61E-09	8.73E-08	1.93E-08	2.63E-08	4.17E-08	7.18E-09	4.00E-08	2.25E-07
5125	486363.09	3864377.25	3.26E-04	3.34E-04	3.18E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.16E-08	7.96E-08	3.77E-09	9.10E-08	2.01E-08	2.74E-08	4.35E-08	7.49E-09	4.18E-08	2.35E-07
5126	486863.09	3864377.25	3.37E-04	3.45E-04	3.29E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.89E-07	8.45E-08	8.24E-08	3.90E-09	9.42E-08	2.08E-08	2.84E-08	4.50E-08	7.75E-09	4.32E-08	2.43E-07
5127	487363.09	3864377.25	3.50E-04	3.58E-04	3.41E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.96E-07	8.76E-08	8.54E-08	4.04E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.04E-09	4.48E-08	2.52E-07
5128	487863.09	3864377.25	3.64E-04	3.72E-04	3.55E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.10E-08	8.88E-08	4.20E-09	1.02E-07	2.24E-08	3.06E-08	4.85E-08	8.35E-09	4.66E-08	2.62E-07
5129	488363.09	3864377.25	3.75E-04	3.84E-04	3.66E-04	1.30E-07	3.92E-07	2.27E-07	2.32E-07	2.11E-07	9.39E-08	9.15E-08	4.34E-09	1.05E-07	2.31E-08	3.15E-08	5.00E-08	8.61E-09	4.80E-08	2.70E-07
5130	488863.09	3864377.25	3.84E-04	3.93E-04	3.75E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.62E-08	9.38E-08	4.44E-09	1.07E-07	2.37E-08	3.23E-08	5.13E-08	8.83E-09	4.92E-08	2.77E-07
5131	489363.09	3864377.25	3.87E-04	3.96E-04	3.77E-04	1.34E-07	4.04E-07	2.34E-07	2.39E-07	2.17E-07	9.67E-08	9.43E-08	4.47E-09	1.08E-07	2.38E-08	3.25E-08	5.16E-08	8.88E-09	4.95E-08	2.79E-07
5132	489863.09	3864377.25	3.84E-04	3.93E-04	3.75E-04	1.33E-07	4.01E-07	2.32E-07	2.38E-07	2.16E-07	9.61E-08	9.37E-08	4.44E-09	1.07E-07	2.37E-08	3.23E-08	5.12E-08	8.82E-09	4.92E-08	2.77E-07
5133	490363.09	3864377.25	3.84E-04	3.93E-04	3.74E-04	1.33E-07	4.01E-07	2.32E-07	2.38E-07	2.15E-07	9.60E-08	9.36E-08	4.43E-09	1.07E-07	2.36E-08	3.23E-08	5.12E-08	8.81E-09	4.91E-08	2.77E-07
5134	490863.09	3864377.25	3.85E-04	3.94E-04	3.75E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.63E-08	9.39E-08	4.45E-09	1.07E-07	2.37E-08	3.24E-08	5.13E-08	8.84E-09	4.93E-08	2.77E-07
5135	491363.09	3864377.25	3.86E-04	3.95E-04	3.76E-04	1.33E-07	4.03E-07	2.33E-07	2.39E-07	2.16E-07	9.65E-08	9.41E-08	4.46E-09	1.08E-07	2.38E-08	3.24E-08	5.14E-08	8.85E-09	4.94E-08	2.78E-07
5136	491863.09	3864377.25	1.79E-04	1.84E-04	1.75E-04	6.21E-08	1.87E-07	1.08E-07	1.11E-07	1.01E-07	4.49E-08	4.38E-08	2.07E-09	5.01E-08	1.10E-08	1.51E-08	2.39E-08	4.12E-09	2.30E-08	1.29E-07
5137	492363.09	3864377.25	2.95E-04	3.02E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.39E-08	7.21E-08	3.41E-09	8.25E-08	1.82E-08	2.48E-08	3.94E-08	6.78E-09	3.78E-08	2.13E-07
5138	492863.09	3864377.25	2.03E-04	2.08E-04	1.98E-04	7.04E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.09E-08	4.97E-08	2.35E-09	5.68E-08	1.25E-08	1.71E-08	2.71E-08	4.67E-09	2.61E-08	1.47E-07
5139	493363.09	3864377.25	2.74E-04	2.81E-04	2.68E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.87E-08	6.70E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.30E-09	3.52E-08	1.98E-07
5140	493863.09	3864377.25	3.34E-04	3.42E-04	3.26E-04	1.16E-07	3.49E-07	2.02E-07	2.07E-07	1.88E-07	8.36E-08	8.16E-08	3.86E-09	9.33E-08	2.06E-08	2.81E-08	4.46E-08	7.68E-09	4.28E-08	2.41E-07
5141	494363.09	3864377.25	3.62E-04	3.70E-04	3.53E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.06E-08	8.83E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.31E-09	4.64E-08	2.61E-07
5142	494863.09	3864377.25	3.84E-04	3.93E-04	3.74E-04	1.33E-07	4.01E-07	2.32E-07	2.38E-07	2.15E-07	9.60E-08	9.36E-08	4.43E-09	1.07E-07	2.36E-08	3.23E-08	5.12E-08	8.81E-09	4.91E-08	2.77E-07
5143	495363.09	3864377.25	3.85E-04	3.94E-04	3.75E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.63E-08	9.39E-08	4.45E-09	1.07E-07	2.37E-08	3.24E-08	5.13E-08	8.84E-09	4.93E-08	2.77E-07
5144	495863.09	3864377.25	3.82E-04	3.91E-04	3.73E-04	1.32E-07	4.00E-07	2.31E-07	2.37E-07	2.15E-07	9.57E-08	9.33E-08	4.42E-09	1.07E-07	2.36E-08	3.21E-08	5.10E-08	8.78E-09	4.90E-08	2.76E-07

5145	496363.09	3864377.25	3.65E-04	3.74E-04	3.56E-04	1.26E-07	3.82E-07	2.21E-07	2.26E-07	2.05E-07	9.14E-08	8.92E-08	4.22E-09	1.02E-07	2.25E-08	3.07E-08	4.87E-08	8.39E-09	4.68E-08	2.63E-07
5146	496863.09	3864377.25	3.53E-04	3.61E-04	3.44E-04	1.22E-07	3.69E-07	2.13E-07	2.18E-07	1.98E-07	8.83E-08	8.61E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.70E-08	8.10E-09	4.52E-08	2.54E-07
5147	497363.09	3864377.25	3.46E-04	3.54E-04	3.38E-04	1.20E-07	3.62E-07	2.09E-07	2.14E-07	1.94E-07	8.66E-08	8.45E-08	4.00E-09	9.67E-08	2.13E-08	2.91E-08	4.62E-08	7.95E-09	4.43E-08	2.50E-07
5148	497863.09	3864377.25	3.49E-04	3.57E-04	3.41E-04	1.21E-07	3.65E-07	2.11E-07	2.16E-07	1.96E-07	8.74E-08	8.52E-08	4.04E-09	9.75E-08	2.15E-08	2.94E-08	4.66E-08	8.02E-09	4.47E-08	2.52E-07
5149	498363.09	3864377.25	3.51E-04	3.59E-04	3.42E-04	1.22E-07	3.67E-07	2.12E-07	2.17E-07	1.97E-07	8.79E-08	8.57E-08	4.06E-09	9.80E-08	2.16E-08	2.95E-08	4.68E-08	8.07E-09	4.50E-08	2.53E-07
5150	471363.09	3864877.25	1.62E-04	1.66E-04	1.58E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.06E-08	3.96E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.73E-09	2.08E-08	1.17E-07
5151	471863.09	3864877.25	1.66E-04	1.70E-04	1.62E-04	5.76E-08	1.74E-07	1.01E-07	1.03E-07	9.34E-08	4.16E-08	4.06E-08	1.92E-09	4.65E-08	1.03E-08	1.40E-08	2.22E-08	3.82E-09	2.13E-08	1.20E-07
5152	472363.09	3864877.25	1.71E-04	1.75E-04	1.66E-04	5.91E-08	1.78E-07	1.03E-07	1.06E-07	9.58E-08	4.27E-08	4.16E-08	1.97E-09	4.76E-08	1.05E-08	1.43E-08	2.28E-08	3.92E-09	2.19E-08	1.23E-07
5153	472863.09	3864877.25	1.75E-04	1.79E-04	1.70E-04	6.04E-08	1.82E-07	1.06E-07	1.08E-07	9.80E-08	4.37E-08	4.26E-08	2.02E-09	4.87E-08	1.08E-08	1.47E-08	2.33E-08	4.01E-09	2.24E-08	1.26E-07
5154	473363.09	3864877.25	1.78E-04	1.82E-04	1.74E-04	6.16E-08	1.86E-07	1.08E-07	1.10E-07	1.00E-07	4.46E-08	4.35E-08	2.06E-09	4.97E-08	1.10E-08	1.50E-08	2.38E-08	4.09E-09	2.28E-08	1.28E-07
5155	473863.09	3864877.25	1.81E-04	1.86E-04	1.77E-04	6.28E-08	1.90E-07	1.10E-07	1.12E-07	1.02E-07	4.54E-08	4.43E-08	2.10E-09	5.06E-08	1.12E-08	1.52E-08	2.42E-08	4.16E-09	2.32E-08	1.31E-07
5156	474363.09	3864877.25	1.85E-04	1.89E-04	1.80E-04	6.40E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.62E-08	4.51E-08	2.14E-09	5.16E-08	1.14E-08	1.55E-08	2.47E-08	4.24E-09	2.37E-08	1.33E-07
5157	474863.09	3864877.25	1.88E-04	1.92E-04	1.83E-04	6.50E-08	1.96E-07	1.14E-07	1.16E-07	1.05E-07	4.70E-08	4.58E-08	2.17E-09	5.24E-08	1.16E-08	1.58E-08	2.50E-08	4.31E-09	2.41E-08	1.35E-07
5158	475363.09	3864877.25	1.91E-04	1.96E-04	1.86E-04	6.61E-08	2.00E-07	1.16E-07	1.18E-07	1.07E-07	4.78E-08	4.66E-08	2.21E-09	5.33E-08	1.18E-08	1.61E-08	2.55E-08	4.39E-09	2.45E-08	1.38E-07
5159	475863.09	3864877.25	1.94E-04	1.99E-04	1.89E-04	6.72E-08	2.03E-07	1.17E-07	1.20E-07	1.09E-07	4.86E-08	4.74E-08	2.24E-09	5.42E-08	1.20E-08	1.63E-08	2.59E-08	4.46E-09	2.49E-08	1.40E-07
5160	476363.09	3864877.25	1.97E-04	2.02E-04	1.92E-04	6.83E-08	2.06E-07	1.19E-07	1.22E-07	1.11E-07	4.94E-08	4.81E-08	2.28E-09	5.51E-08	1.22E-08	1.66E-08	2.63E-08	4.53E-09	2.53E-08	1.42E-07
5161	476863.09	3864877.25	2.02E-04	2.06E-04	1.97E-04	6.98E-08	2.11E-07	1.22E-07	1.25E-07	1.13E-07	5.05E-08	4.92E-08	2.33E-09	5.63E-08	1.24E-08	1.70E-08	2.69E-08	4.63E-09	2.58E-08	1.45E-07
5162	477363.09	3864877.25	2.05E-04	2.10E-04	2.00E-04	7.11E-08	2.15E-07	1.24E-07	1.27E-07	1.15E-07	5.14E-08	5.02E-08	2.38E-09	5.74E-08	1.27E-08	1.73E-08	2.74E-08	4.72E-09	2.63E-08	1.48E-07
5163	477863.09	3864877.25	2.09E-04	2.14E-04	2.04E-04	7.25E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.24E-08	5.11E-08	2.42E-09	5.85E-08	1.29E-08	1.76E-08	2.79E-08	4.81E-09	2.68E-08	1.51E-07
5164	478363.09	3864877.25	2.14E-04	2.19E-04	2.08E-04	7.40E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.35E-08	5.22E-08	2.47E-09	5.97E-08	1.32E-08	1.80E-08	2.85E-08	4.91E-09	2.74E-08	1.54E-07
5165	478863.09	3864877.25	2.18E-04	2.23E-04	2.12E-04	7.53E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.45E-08	5.31E-08	2.52E-09	6.08E-08	1.34E-08	1.83E-08	2.90E-08	5.00E-09	2.79E-08	1.57E-07
5166	479363.09	3864877.25	2.21E-04	2.26E-04	2.16E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.53E-08	5.40E-08	2.56E-09	6.17E-08	1.36E-08	1.86E-08	2.95E-08	5.08E-09	2.83E-08	1.59E-07
5167	479863.09	3864877.25	2.23E-04	2.29E-04	2.18E-04	7.73E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.59E-08	5.45E-08	2.58E-09	6.24E-08	1.38E-08	1.88E-08	2.98E-08	5.13E-09	2.86E-08	1.61E-07
5168	480363.09	3864877.25	2.26E-04	2.31E-04	2.21E-04	7.83E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.66E-08	5.52E-08	2.61E-09	6.31E-08	1.39E-08	1.90E-08	3.02E-08	5.19E-09	2.90E-08	1.63E-07
5169	480863.09	3864877.25	2.29E-04	2.34E-04	2.23E-04	7.91E-08	2.39E-07	1.38E-07	1.42E-07	1.28E-07	5.72E-08	5.58E-08	2.64E-09	6.38E-08	1.41E-08	1.92E-08	3.05E-08	5.25E-09	2.93E-08	1.65E-07
5170	481363.09	3864877.25	2.32E-04	2.38E-04	2.26E-04	8.03E-08	2.43E-07	1.40E-07	1.44E-07	1.30E-07	5.81E-08	5.67E-08	2.68E-09	6.48E-08	1.43E-08	1.95E-08	3.10E-08	5.33E-09	2.97E-08	1.67E-07
5171	481863.09	3864877.25	2.35E-04	2.40E-04	2.29E-04	8.13E-08	2.45E-07	1.42E-07	1.45E-07	1.32E-07	5.88E-08	5.73E-08	2.71E-09	6.56E-08	1.45E-08	1.97E-08	3.13E-08	5.39E-09	3.01E-08	1.69E-07
5172	482363.09	3864877.25	2.38E-04	2.43E-04	2.32E-04	8.23E-08	2.49E-07	1.44E-07	1.47E-07	1.34E-07	5.95E-08	5.81E-08	2.75E-09	6.64E-08	1.47E-08	2.00E-08	3.17E-08	5.46E-09	3.05E-08	1.71E-07
5173	482863.09	3864877.25	2.41E-04	2.46E-04	2.35E-04	8.33E-08	2.51E-07	1.46E-07	1.49E-07	1.35E-07	6.02E-08	5.87E-08	2.78E-09	6.72E-08	1.48E-08	2.02E-08	3.21E-08	5.53E-09	3.08E-08	1.73E-07
5174	483363.09	3864877.25	2.44E-04	2.50E-04	2.38E-04	8.45E-08	2.55E-07	1.48E-07	1.51E-07	1.37E-07	6.11E-08	5.96E-08	2.82E-09	6.81E-08	1.50E-08	2.05E-08	3.26E-08	5.61E-09	3.13E-08	1.76E-07
5175	483863.09	3864877.25	2.50E-04	2.55E-04	2.43E-04	8.64E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.25E-08	6.09E-08	2.88E-09	6.97E-08	1.54E-08	2.10E-08	3.33E-08	5.73E-09	3.20E-08	1.80E-07
5176	484363.09	3864877.25	2.58E-04	2.64E-04	2.51E-04	8.92E-08	2.69E-07	1.56E-07	1.60E-07	1.45E-07	6.45E-08	6.29E-08	2.98E-09	7.20E-08	1.59E-08	2.17E-08	3.44E-08	5.92E-09	3.30E-08	1.86E-07
5177	484863.09	3864877.25	2.67E-04	2.74E-04	2.61E-04	9.25E-08	2.79E-07	1.62E-07	1.66E-07	1.50E-07	6.69E-08	6.52E-08	3.09E-09	7.46E-08	1.65E-08	2.25E-08	3.56E-08	6.14E-09	3.42E-08	1.93E-07
5178	485363.09	3864877.25	2.78E-04	2.85E-04	2.72E-04	9.64E-08	2.91E-07	1.68E-07	1.72E-07	1.56E-07	6.97E-08	6.80E-08	3.22E-09	7.77E-08	1.72E-08	2.34E-08	3.71E-08	6.40E-09	3.57E-08	2.01E-07
5179	485863.09	3864877.25	2.89E-04	2.96E-04	2.82E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.62E-07	7.23E-08	7.05E-08	3.34E-09	8.07E-08	1.78E-08	2.43E-08	3.85E-08	6.64E-09	3.70E-08	2.08E-07
5180	486363.09	3864877.25	2.98E-04	3.05E-04	2.91E-04	1.03E-07	3.12E-07	1.81E-07	1.85E-07	1.68E-07	7.47E-08	7.28E-08	3.45E-09	8.33E-08	1.84E-08	2.51E-08	3.98E-08	6.85E-09	3.82E-08	2.15E-07
5181	486863.09	3864877.25	3.07E-04	3.14E-04	2.99E-04	1.06E-07	3.20E-07	1.85E-07	1.90E-07	1.72E-07	7.67E-08	7.48E-08	3.54E-09	8.56E-08	1.89E-08	2.58E-08	4.09E-08	7.04E-09	3.93E-08	2.21E-07
5182	487363.09	3864877.25	3.17E-04	3.24E-04	3.09E-04	1.10E-07	3.31E-07	1.92E-07	1.96E-07	1.78E-07	7.93E-08	7.73E-08	3.66E-09	8.85E-08	1.95E-08	2.66E-08	4.23E-08	7.28E-09	4.06E-08	2.28E-07
5183	487863.09	3864877.25	3.27E-04	3.35E-04	3.19E-04	1.13E-07	3.42E-07	1.98E-07	2.03E-07	1.84E-07	8.18E-08	7.98E-08	3.78E-09	9.13E-08	2.01E-08	2.75E-08	4.36E-08	7.51E-09	4.19E-08	2.36E-07
5184	488363.09	3864877.25	3.34E-04	3.42E-04	3.26E-04	1.16E-07	3.50E-07	2.02E-07	2.07E-07	1.88E-07	8.37E-08	8.16E-08	3.87E-09	9.34E-08	2.06E-08	2.81E-08	4.46E-08	7.68E-09	4.28E-08	2.41E-07
5185	488863.09	3864877.25	3.40E-04	3.48E-04	3.32E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.91E-07	8.52E-08	8.31E-08	3.94E-09	9.51E-08	2.10E-08	2.86E-08	4.54E-08	7.82E-09	4.36E-08	2.45E-07
5186	489363.09	3864877.25	3.41E-04	3.49E-04	3.33E-04	1.18E-07	3.57E-07	2.06E-07	2.11E-07	1.92E-07	8.54E-08	8.33E-08	3.94E-09	9.53E-08	2.10E-08	2.87E-08	4.55E-08	7.84E-09	4.37E-08	2.46E-07
5187	489863.09	3864877.25	3.38E-04	3.46E-04	3.30E-04	1.17E-07	3.53E-07	2.05E-07	2.09E-07	1.90E-07	8.46E-08	8.26E-08	3.91E-09	9.44E-08	2.08E-08	2.84E-08	4.51E-08	7.77E-09	4.33E-08	2.44E-07
5188	490363.09	3864877.25	3.39E-04	3.47E-04	3.30E-04	1.17E-07	3.54E-07	2.05E-07	2.10E-07	1.90E-07	8.48E-08	8.27E-08	3.92E-09	9.46E-08	2.09E-08	2.85E-08	4.52E-08	7.78E-09	4.34E-08	2.44E-07
5189	490863.09	3864877.25	3.21E-04	3.29E-04	3.13E-04	1.11E-07	3.36E-07	1.94E-07	1.99E-07	1.80E-07	8.04E-08	7.84E-08	3.71E-09	8.97E-08	1.98E-08	2.70E-08	4.29E-08	7.38E-09	4.12E-08	2.32E-07
5190	491363.09	3864877.25	3.38E-04	3.46E-04	3.30E-04	1.17E-07	3.54E-07	2.05E-07	2.10E-07	1.90E-07	8.47E-08	8.26E-08	3.91E-09	9.45E-08	2.09E-08	2.85E-08	4.51E-08	7.77E-09	4.34E-08	2.44E-07
5191	491863.09	3864877.25	3.05E-04	3.12E-04	2.97E-04	1.06E-07	3.19E-07	1.84E-07	1.89E-07	1.71E-07	7.63E-08	7.44E-08	3.52E-09	8.51E-08	1.88E-08	2.56E-08	4.07E-08	7.00E-09	3.90E-08	2.20E-07
5192	492363.09	3864877.25	1.27E-04	1.30E-04	1.24E-04	4.40E-08	1.33E-07	7.69E-08	7.87E-08	7.13E-08	3.18E-08	3.10E-08	1.47E-09	3.55E-08	7.83E-09	1.07E-08	1.69E-08	2.92E-09	1.63E-08	9.16E-08
5193	492863.09	3864877.25	1.54E-04	1.58E-04	1.50E-04	5.34E-08	1.61E-07	9.33E-08	9.55E-08	8.66E-08	3.86E-08	3.76E-08	1.78E-09	4.30E-08	9.50E-09	1.30E-08	2.06E-08	3.54E-09	1.97E-08	1.11E-07
5194	493363.09	3864877.25	1.50E-04	1.54E-04	1.47E-04	5.21E-08	1.57E-07	9.10E-08	9.32E-08	8.45E-08	3.76E-08	3.67E-08	1.74E-09	4.20E-08	9.27E-09	1.26E-08	2.01E-08	3.45E-09	1.93E-08	1.08E-07
5195	493863.09	3864877.25	2.63E-04	2.69E-04	2.56E-04	9.10E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.58E-08	6.42E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.04E-09	3.37E-08	1.90E-07
5196	494363.09	3864877.25	3.10E-04	3.17E-04	3.02E-04	1.07E-07	3.24E-07	1.88E-07	1.92E-07	1.74E-07	7.76E-08	7.57E-08	3.58E-09	8.66E-08	1.91E-08	2.61E-08	4.14E-08	7.12E-09	3.97E-08	2.24E-07
5197	494863.09	3864877.25	3.22E-04	3.30E-04	3.14E-04	1.11E-07	3.37E-07	1.95E-07	1.99E-07	1.81E-07	8.06E-08	7.86E-08	3.72E-09	8.99E-08	1.98E-08	2.71E-08	4.30E-08	7.40E-09	4.13E-08	2.32E-07
5198	495363.09	3864877.25	3.36E-04	3.44E-04	3.28E-04	1.16E-07	3.51E-07	2.03E-07	2.08E-07	1.89E-07	8.41E-08	8.20E-08	3.88E-09	9.38E-08	2.07E-08	2.83E-08	4.48E-08	7.72E-09	4.30E-08	2.42E-07
5199	495863.09	3864877.25	3.37E-04	3.45E-04	3.29E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.89E-07	8.45E-08	8.24E-08	3.90E-09	9.42E-08	2.08E-08	2.84E-08	4.50E-08	7.75E-09	4.32E-08	2.43E-07
5200	496363.09	3864877.25	3.37E-04	3.45E-04	3.28E-04	1.17E-07	3.52E-07	2.04E-07	2.09E-07	1.89E-07	8.43E-08	8.22E-08	3.89E-09	9.40E-08	2.07E-08	2.83E-08	4.49E-08	7.73E-09	4.31E-08	2.43E-07
5201	496863.09	3864877.25	3.23E-04	3.31E-04	3.15E-04	1.12E-07	3.38E-07	1.95E-07	2.00E-07	1.81E-07	8.08E-08	7.88E-08	3.73E-09	9.02E-08	1.99E-08	2.72E-08	4.31E-08	7.42E-09	4.14E-08	2.33E-07
5202	497363.09	3864877.25	3.11E-04	3.18E-04	3.03E-04	1.08E-07	3.25E-07	1.88E-07	1.93E-07	1.75E-07	7.78E-08	7.59E-08	3.59E-09	8.68E-08	1.91E-08	2.61E-08	4.15E-08	7.14E-09	3.98E-08	2.24E-07
5203	497863.09	3864877.25	3.06E-04	3.13E-04	2.98E-04	1.06E-07	3.20E-07	1.85E-07	1.89E-07	1.72E-07	7.65E-08	7.46E-08	3.54E-09	8.54E-08	1.88E-08	2.57E-08	4.08E-08	7.02E-09	3.92E-08	2.20E-07
5204	498363.09	3864877.25	3.03E-04	3.10E-04	2.95E-04	1.05E-07	3.17E-07	1.83E-07	1.88E-07	1.70E-07	7.58E-08	7.39E-08	3.50E-09	8.46E-08	1.87E-08	2.55E-08	4.04E-08	6.96E-09	3.88E-08	2.18E-07
5205	471363.09	3865377.25	1.58E-04	1.62E-04	1.54E-04	5.47E-08	1.65E-07	9.55E-08	9.78E-08	8.86E-08	3.95E-08	3.85E-08	1.83E-09	4.41E-08	9.73E-09	1.33E-08	2.11E-08	3.63E-09	2.02E-08	1.14E-07
5206	471863.09	3865377.25	1.62E-04	1.65E-04	1.58E-04	5.60E-08	1.69E-07	9.78E-08	1.00E-07	9.07E-08	4.05E-08	3.95E-08	1.87E-09	4.51E-08	9.96E-09	1.36E-08	2.16E-08	3.71E-09	2.07E-08	1.17E-07
5207	472363.09	3865377.25	1.65E-04	1.69E-04	1.61E-04	5.72E-08	1.73E-07	9.99E-08	1.02E-07	9.27E-08	4.13E-08	4.03E-08	1.91E-09	4.61E-08	1.02E-08	1.39E-08	2.20E-08	3.79E-09	2.12E-08	1.19E-07
5208	472863.09	3865377.25	1.69E-04	1.73E-04	1.65E-04	5.85E-08	1.76E-07	1.02E-07	1.05E-07	9.48E-08	4.23E-08	4.12E-08	1.95E-09	4.71E-08	1.04E-08	1.42E-08	2.25E-08	3.88E-09	2.16E-08	1.22E-07
5209	473363.09	3865377.25	1.72E-04	1.76E-04	1.67E-04	5.94E-08	1.79E-07	1.04E-07	1.06E-07	9.63E-08	4.29E-08	4.19E-08	1.98E-09	4.79E-08	1.06E-08	1.44E-08	2.29E-08	3.94E-09	2.20E-08	1.24E-07
5210	473863.09	3865377.25	1.75E-04	1.79E-04	1.70E-04	6.04E-08	1.82E-07	1.06E-07	1.08E-07	9.80E-08	4.37E-08	4.26E-08	2.02E-09	4.87E-08	1.08E-08	1.47E-08	2.33E-08	4.01E-09	2.24E-08	1.26E-07
5211	474363.09	3865377.25	1.78E-04	1.82E-04	1.73E-04	6.15E-08	1.86E-07	1.07E-07	1.10E-07	9.97E-08	4.44E-08	4.33E-08	2.05E-09	4.96E-08	1.09E-08	1.49E-08	2.37E-08	4.08E-09	2.27E-08	1.28E-07
5212	474863.09	3865377.25	1.81E-04	1.85E-04	1.76E-04	6.26E-08	1.89E-07	1.09E-07	1.12E-07	1.02E-07	4.53E-08	4.41E-08	2.09E-09	5.05E-08	1.11E-08	1.52E-08	2.41E-08	4.15E-09	2.32E-08	1.30E-07
5213	475363.09	3865377.25	1.84E-04	1.88E-04	1.79E-04	6.35E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.59E-08	4.48E-08	2.12E-09	5.12E-08	1.13E-08	1.54E-08	2.45E-08	4.22E-09	2.35E-08	1.32E-07
5214	475863.09	3865377.25	1.87E-04	1.91E-04	1.82E-04	6.46E-08	1.95E-07	1.13E-07	1.16E-07	1.05E-07	4.67E-08	4.55E-08	2.16E-09	5.21E-08	1.15E-08	1.57E-08	2.49E-08	4.28E-09	2.39E-08	1.34E-07
5215	476363.09	3865377.25	1.91E-04	1.96E-04	1.87E-04	6.62E-08	2.00E-07	1.16E-07	1.18E-07	1.07E-07	4.79E-08	4.67E-08	2.21E-09	5.34E-08	1.18E-08	1.61E-08	2.55E-08	4.39E-09	2.45E-08	1.38E-07
5216	476863.09	3865377.25	1.91E-04	1.96E-04	1.86E-04	6.61E-08	2.00E-07	1.16E-07	1.18E-07	1.07E-07	4.78E-08	4.66E-08	2.21E-09	5.33E-08	1.18E-08	1.61E-08	2.55E-08	4.39E-09	2.45E-08	1.38E-07
5217	477363.09	3865377.25	1.97E-04	2.02E-04	1.92E-04	6.83E-08	2.06E-07	1.19E-07	1.22E-07	1.11E-07	4.94E-08	4.81E-08	2.28E-09	5.51E-08	1.22E-08	1.66E-08	2.63E-08	4.53E-09	2.53E-08	1.42E-07
5218	477863.09	3865377.25	1.99E-04	2.04E-04	1.94E-04	6.90E-08	2.08E-07	1.21E-07	1.23E-07	1.12E-07	4.99E-08	4.86E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.58E-09	2.55E-08	1.44E-07
5219	478363.09	3865377.25	2.02E-04	2.07E-04	1.97E-04	7.01E-08	2.12E-07	1.23E-07	1.25E-07	1.14E-07	5.07E-08	4.94E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.65E-09	2.59E-08	1.46E-07
5220	478863.09	3865377.25	2.05E-04	2.10E-04	2.00E-04	7.10E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.13E-08	5.00E-08	2.37E-09	5.72E-08	1.26E-08	1.72E-08	2.73E-08	4.71E-09	2.63E-08	1.48E-07
5221	479363.09	3865377.25	2.07E-04	2.12E-04	2.02E-04	7.18E-08	2.17E-07	1.26E-07	1.28E-07	1.16E-07	5.19E-08	5.06E-08	2.40E-09	5.79E-08	1.28E-08	1.74E-08	2.77E-08	4.76E-09	2.66E-08	1.50E-07
5222	479863.09	3865377.25	2.10E-04	2.15E-04	2.05E-04	7.27E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.25E-08	5.12E-08	2.43E-09	5.86E-08	1.29E-08	1.77E-08	2.80E-08	4.82E-09	2.69E-08	1.51E-07
5223	480363.09	3865377.25	2.11E-04	2.16E-04	2.06E-04	7.32E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.29E-08	5.16E-08	2.44E-09	5.90E-08	1.30E-08	1.78E-08	2.82E-08	4.86E-09	2.71E-08	1.52E-07
5224	480863.09	3865377.25	2.13E-04	2.18E-04	2.08E-04	7.39E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.34E-08	5.21E-08	2.47E-09	5.96E-08	1.32E-08	1.79E-08	2.85E-08	4.90E-09	2.73E-08	1.54E-07
5225	481363.09	3865377.25	2.16E-04	2.21E-04	2.11E-04	7.48E-08	2.26E-07	1.31E-07	1.34E-07	1.21E-07	5.41E-08	5.28E-08	2.50E-09	6.04E-08	1.33E-08	1.82E-08	2.88E-08	4.97E-09	2.77E-08	1.56E-07
5226	481863.09	3865377.25	2.18E-04	2.23E-04	2.13E-04	7.54E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.45E-08	5.32E-08	2.52E-09	6.08E-08	1.34E-08	1.83E-08	2.91E-08	5.01E-09	2.79E-08	1.57E-07
5227	482363.09	3865377.25	2.19E-04	2.25E-04	2.14E-04	7.60E-08	2.29E-07	1.33E-07	1.36E-07	1.23E-07	5.49E-08	5.36E-08	2.54E-09	6.13E-08	1.35E-08	1.85E-08	2.93E-08	5.04E-09	2.81E-08	1.58E-07
5228	482863.09	3865377.25	2.21E-04	2.26E-04	2.16E-04	7.66E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.53E-08	5.40E-08	2.56E-09	6.17E-08	1.36E-08	1.86E-08	2.95E-08	5.08E-09	2.83E-08	1.59E-07
5229	483363.09	3865377.25	2.25E-04	2.31E-04	2.20E-04	7.80E-08	2.36E-07	1.36E-07	1.40E-07	1.27E-07	5.64E-08	5.50E-08	2.61E-09	6.29E-08	1.39E-08	1.90E-08	3.01E-08	5.18E-09	2.89E-08	1.62E-07
5230	483863.09	3865377.25	2.32E-04	2.37E-04	2.26E-04	8.03E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.80E-08	5.66E-08	2.68E-09	6.47E-08	1.43E-08	1.95E-08	3.09E-08	5.33E-09	2.97E-08	1.67E-07
5231	484363.09	3865377.25	2.40E-04	2.46E-04	2.34E-04	8.31E-08	2.51E-07	1.45E-07	1.49E-07	1.35E-07	6.01E-08	5.86E-08	2.78E-09	6.70E-08	1.48E-08	2.02E-08	3.20E-08	5.51E-09	3.08E-08	1.73E-07
5232	484863.09	3865377.25	2.50E-04	2.55E-04	2.43E-04	8.64E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.25E-08	6.09E-08	2.88E-09	6.97E-08	1.54E-08	2.10E-08	3.33E-08	5.73E-09	3.20E-08	1.80E-07
5233	485363.09	3865377.25	2.59E-04	2.65E-04	2.53E-04	8.97E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.49E-08	6.33E-08	3.00E-09	7.24E-08	1.60E-08	2.18E-08	3.46E-08	5.95E-09	3.32E-08	1.87E-07
5234	485863.09	3865377.25	2.67E-04	2.74E-04	2.61E-04	9.26E-08	2.80E-07	1.62E-07	1.66E-07	1.50E-07	6.69E-08	6.53E-08	3.09E-09	7.47E-08	1.65E-08	2.25E-08	3.57E-08	6.14E-09	3.43E-08	1.93E-07
5235	486363.09	3865377.25	2.74E-04	2.81E-04	2.68E-04	9.50E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	6.87E-08	6.70E-08	3.17E-09	7.66E-08	1.69E-08	2.31E-08	3.66E-08	6.30E-09	3.52E-08	1.98E-07
5236	486863.09	3865377.25	2.81E-04	2.88E-04	2.74E-04	9.73E-08	2.94E-07	1.70E-07	1.74E-07	1.58E-07	7.04E-08	6.86E-08	3.25E-09	7.85E-08	1.73E-08	2.36E-08	3.75E-08	6.46E-09	3.60E-08	2.03E-07
5237	487363.09	3865377.25	2.89E-04	2.96E-04	2.82E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.62E-07	7.24E-08	7.06E-08	3.35E-09	8.08E-08	1.78E-08	2.43E-08	3.86E-08	6.65E-09	3.71E-08	2.09E-07
5238	487863.09	3865377.25	2.96E-04	3.03E-04	2.88E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.40E-08	7.22E-08	3.42E-09	8.25E-08	1.82E-08	2.49E-08	3.94E-08	6.79E-09	3.79E-08	2.13E-07
5239	488363.09	3865377.25	3.01E-04	3.08E-04	2.93E-04	1.04E-07	3.14E-07	1.82E-07	1.86E-07	1.69E-07	7.53E-08	7.34E-08	3.48E-09	8.40E-08	1.85E-08	2.53E-08	4.01E-08	6.91E-09	3.85E-08	2.17E-07
5240	488863.09	3865377.25	3.05E-04	3.12E-04	2.97E-04	1.06E-07	3.19E-07	1.84E-07	1.89E-07	1.71E-07	7.63E-08	7.44E-08	3.52E-09	8.51E-08	1.88E-08	2.56E-08	4.07E-08	7.00E-09	3.90E-08	2.20E-07
5241	489363.09	3865377.25	3.05E-04	3.13E-04	2.98E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.71E-07	7.64E-08	7.45E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.07E-08	7.01E-09	3.91E-08	2.20E-07
5242	489863.09	3865377.25	3.05E-04	3.13E-04	2.98E-04	1.06E-07	3.19E-07	1.85E-07	1.89E-07	1.71E-07	7.64E-08	7.45E-08	3.53E-09	8.53E-08	1.88E-08	2.57E-08	4.07E-08	7.01E-09	3.91E-08	2.20E-07
5243	490363.09	3865377.25	2.96E-04	3.03E-04	2.89E-04	1.03E-07	3.10E-07	1.79E-07	1.83E-07	1.66E-07	7.41E-08	7.23E-08	3.42E-09	8.27E-08	1.82E-08	2.49E-08	3.95E-08	6.80E-09	3.79E-08	2.13E-07
5244	490863.09	3865377.25	2.82E-04	2.89E-04	2.75E-04	9.78E-08	2.95E-07	1.71E-07	1.75E-07	1.59E-07	7.07E-08	6.89E-08	3.26E-09	7.89E-08	1.74E-08	2.37E-08	3.77E-08	6.49E-09	3.62E-08	2.04E-07
5245	491363.09	3865377.25	2.74E-04	2.80E-04	2.67E-04	9.47E-08	2.86E-07	1.66E-07	1.70E-07	1.54E-07	6.85E-08	6.68E-08	3.16E-09	7.64E-08	1.69E-08	2.30E-08	3.65E-08	6.29E-09	3.51E-08	1.97E-07

5246	491863.09	3865377.25	2.71E-04	2.78E-04	2.65E-04	9.40E-08	2.84E-07	1.64E-07	1.68E-07	1.52E-07	6.79E-08	6.63E-08	3.14E-09	7.58E-08	1.67E-08	2.28E-08	3.62E-08	6.23E-09	3.48E-08	1.96E-07
5247	492363.09	3865377.25	2.16E-04	2.21E-04	2.11E-04	7.48E-08	2.26E-07	1.31E-07	1.34E-07	1.21E-07	5.41E-08	5.28E-08	2.50E-09	6.04E-08	1.33E-08	1.82E-08	2.88E-08	4.97E-09	2.77E-08	1.56E-07
5248	492863.09	3865377.25	1.68E-04	1.72E-04	1.64E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.44E-08	4.21E-08	4.10E-08	1.94E-09	4.69E-08	1.04E-08	1.41E-08	2.24E-08	3.86E-09	2.15E-08	1.21E-07
5249	493363.09	3865377.25	1.41E-04	1.45E-04	1.38E-04	4.89E-08	1.48E-07	8.54E-08	8.75E-08	7.93E-08	3.53E-08	3.45E-08	1.63E-09	3.94E-08	8.70E-09	1.19E-08	1.88E-08	3.24E-09	1.81E-08	1.02E-07
5250	493863.09	3865377.25	1.91E-04	1.95E-04	1.86E-04	6.60E-08	1.99E-07	1.15E-07	1.18E-07	1.07E-07	4.77E-08	4.66E-08	2.21E-09	5.33E-08	1.18E-08	1.60E-08	2.54E-08	4.38E-09	2.44E-08	1.38E-07
5251	494363.09	3865377.25	2.50E-04	2.56E-04	2.44E-04	8.66E-08	2.61E-07	1.51E-07	1.55E-07	1.40E-07	6.26E-08	6.10E-08	2.89E-09	6.98E-08	1.54E-08	2.10E-08	3.34E-08	5.74E-09	3.20E-08	1.80E-07
5252	494863.09	3865377.25	2.75E-04	2.82E-04	2.68E-04	9.53E-08	2.88E-07	1.67E-07	1.70E-07	1.55E-07	6.89E-08	6.72E-08	3.18E-09	7.68E-08	1.70E-08	2.31E-08	3.67E-08	6.32E-09	3.53E-08	1.98E-07
5253	495363.09	3865377.25	2.87E-04	2.94E-04	2.80E-04	9.94E-08	3.00E-07	1.74E-07	1.78E-07	1.61E-07	7.19E-08	7.01E-08	3.32E-09	8.02E-08	1.77E-08	2.41E-08	3.83E-08	6.60E-09	3.68E-08	2.07E-07
5254	495863.09	3865377.25	3.00E-04	3.07E-04	2.93E-04	1.04E-07	3.14E-07	1.82E-07	1.86E-07	1.68E-07	7.51E-08	7.33E-08	3.47E-09	8.38E-08	1.85E-08	2.52E-08	4.00E-08	6.89E-09	3.84E-08	2.16E-07
5255	496363.09	3865377.25	2.98E-04	3.05E-04	2.91E-04	1.03E-07	3.12E-07	1.80E-07	1.85E-07	1.67E-07	7.46E-08	7.28E-08	3.45E-09	8.32E-08	1.84E-08	2.51E-08	3.98E-08	6.85E-09	3.82E-08	2.15E-07
5256	496863.09	3865377.25	2.97E-04	3.04E-04	2.90E-04	1.03E-07	3.11E-07	1.80E-07	1.84E-07	1.67E-07	7.44E-08	7.25E-08	3.43E-09	8.30E-08	1.83E-08	2.50E-08	3.96E-08	6.82E-09	3.81E-08	2.14E-07
5257	497363.09	3865377.25	2.89E-04	2.96E-04	2.82E-04	1.00E-07	3.02E-07	1.75E-07	1.79E-07	1.62E-07	7.24E-08	7.06E-08	3.34E-09	8.07E-08	1.78E-08	2.43E-08	3.86E-08	6.64E-09	3.70E-08	2.08E-07
5258	497863.09	3865377.25	2.78E-04	2.84E-04	2.71E-04	9.62E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	6.96E-08	6.78E-08	3.21E-09	7.76E-08	1.71E-08	2.34E-08	3.71E-08	6.38E-09	3.56E-08	2.00E-07
5259	498363.09	3865377.25	2.73E-04	2.80E-04	2.66E-04	9.46E-08	2.86E-07	1.65E-07	1.69E-07	1.53E-07	6.84E-08	6.67E-08	3.16E-09	7.63E-08	1.68E-08	2.30E-08	3.64E-08	6.27E-09	3.50E-08	1.97E-07
5260	471363.09	3865877.25	1.53E-04	1.57E-04	1.49E-04	5.30E-08	1.60E-07	9.27E-08	9.49E-08	8.60E-08	3.83E-08	3.74E-08	1.77E-09	4.28E-08	9.44E-09	1.29E-08	2.04E-08	3.52E-09	1.96E-08	1.10E-07
5261	471863.09	3865877.25	1.56E-04	1.60E-04	1.53E-04	5.41E-08	1.63E-07	9.46E-08	9.69E-08	8.78E-08	3.91E-08	3.82E-08	1.81E-09	4.37E-08	9.64E-09	1.32E-08	2.09E-08	3.59E-09	2.00E-08	1.13E-07
5262	472363.09	3865877.25	1.60E-04	1.64E-04	1.56E-04	5.53E-08	1.67E-07	9.67E-08	9.90E-08	8.98E-08	4.00E-08	3.90E-08	1.85E-09	4.46E-08	9.85E-09	1.34E-08	2.13E-08	3.67E-09	2.05E-08	1.15E-07
5263	472863.09	3865877.25	1.62E-04	1.66E-04	1.58E-04	5.62E-08	1.70E-07	9.82E-08	1.01E-07	9.12E-08	4.06E-08	3.96E-08	1.88E-09	4.53E-08	1.00E-08	1.37E-08	2.17E-08	3.73E-09	2.08E-08	1.17E-07
5264	473363.09	3865877.25	1.65E-04	1.69E-04	1.61E-04	5.71E-08	1.72E-07	9.98E-08	1.02E-07	9.26E-08	4.13E-08	4.02E-08	1.91E-09	4.60E-08	1.02E-08	1.39E-08	2.20E-08	3.79E-09	2.11E-08	1.19E-07
5265	473863.09	3865877.25	1.68E-04	1.72E-04	1.64E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.44E-08	4.21E-08	4.10E-08	1.94E-09	4.69E-08	1.04E-08	1.41E-08	2.24E-08	3.86E-09	2.15E-08	1.21E-07
5266	474363.09	3865877.25	1.71E-04	1.75E-04	1.67E-04	5.92E-08	1.79E-07	1.04E-07	1.06E-07	9.61E-08	4.28E-08	4.18E-08	1.98E-09	4.78E-08	1.05E-08	1.44E-08	2.28E-08	3.93E-09	2.19E-08	1.23E-07
5267	474863.09	3865877.25	1.74E-04	1.78E-04	1.70E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.79E-08	4.36E-08	4.26E-08	2.02E-09	4.87E-08	1.07E-08	1.47E-08	2.33E-08	4.00E-09	2.23E-08	1.26E-07
5268	475363.09	3865877.25	1.77E-04	1.81E-04	1.72E-04	6.12E-08	1.85E-07	1.07E-07	1.10E-07	9.93E-08	4.43E-08	4.32E-08	2.04E-09	4.94E-08	1.09E-08	1.49E-08	2.36E-08	4.06E-09	2.27E-08	1.27E-07
5269	475863.09	3865877.25	1.80E-04	1.84E-04	1.75E-04	6.22E-08	1.88E-07	1.09E-07	1.11E-07	1.01E-07	4.50E-08	4.39E-08	2.08E-09	5.02E-08	1.11E-08	1.51E-08	2.40E-08	4.13E-09	2.30E-08	1.30E-07
5270	476363.09	3865877.25	1.84E-04	1.88E-04	1.79E-04	6.36E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.60E-08	4.49E-08	2.12E-09	5.13E-08	1.13E-08	1.55E-08	2.45E-08	4.22E-09	2.35E-08	1.33E-07
5271	476863.09	3865877.25	1.82E-04	1.86E-04	1.77E-04	6.28E-08	1.90E-07	1.10E-07	1.12E-07	1.02E-07	4.54E-08	4.43E-08	2.10E-09	5.07E-08	1.12E-08	1.53E-08	2.42E-08	4.17E-09	2.33E-08	1.31E-07
5272	477363.09	3865877.25	1.88E-04	1.92E-04	1.83E-04	6.50E-08	1.96E-07	1.14E-07	1.16E-07	1.05E-07	4.70E-08	4.58E-08	2.17E-09	5.24E-08	1.16E-08	1.58E-08	2.50E-08	4.31E-09	2.41E-08	1.35E-07
5273	477863.09	3865877.25	1.89E-04	1.93E-04	1.84E-04	6.54E-08	1.98E-07	1.14E-07	1.17E-07	1.06E-07	4.73E-08	4.61E-08	2.19E-09	5.28E-08	1.16E-08	1.59E-08	2.52E-08	4.34E-09	2.42E-08	1.36E-07
5274	478363.09	3865877.25	1.91E-04	1.96E-04	1.86E-04	6.61E-08	2.00E-07	1.16E-07	1.18E-07	1.07E-07	4.78E-08	4.66E-08	2.21E-09	5.33E-08	1.18E-08	1.61E-08	2.55E-08	4.39E-09	2.45E-08	1.38E-07
5275	478863.09	3865877.25	1.93E-04	1.98E-04	1.88E-04	6.69E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.84E-08	4.72E-08	2.23E-09	5.40E-08	1.19E-08	1.63E-08	2.58E-08	4.44E-09	2.48E-08	1.39E-07
5276	479363.09	3865877.25	1.96E-04	2.00E-04	1.91E-04	6.77E-08	2.04E-07	1.18E-07	1.21E-07	1.10E-07	4.89E-08	4.77E-08	2.26E-09	5.46E-08	1.20E-08	1.64E-08	2.61E-08	4.49E-09	2.50E-08	1.41E-07
5277	479863.09	3865877.25	1.97E-04	2.01E-04	1.92E-04	6.81E-08	2.06E-07	1.19E-07	1.22E-07	1.10E-07	4.92E-08	4.80E-08	2.27E-09	5.49E-08	1.21E-08	1.65E-08	2.62E-08	4.52E-09	2.52E-08	1.42E-07
5278	480363.09	3865877.25	1.98E-04	2.03E-04	1.93E-04	6.85E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	4.96E-08	4.83E-08	2.29E-09	5.53E-08	1.22E-08	1.66E-08	2.64E-08	4.55E-09	2.54E-08	1.43E-07
5279	480863.09	3865877.25	2.00E-04	2.04E-04	1.95E-04	6.91E-08	2.09E-07	1.21E-07	1.24E-07	1.12E-07	5.00E-08	4.88E-08	2.31E-09	5.58E-08	1.23E-08	1.68E-08	2.66E-08	4.59E-09	2.56E-08	1.44E-07
5280	481363.09	3865877.25	2.01E-04	2.05E-04	1.96E-04	6.95E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.02E-08	4.90E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.68E-08	4.61E-09	2.57E-08	1.45E-07
5281	481863.09	3865877.25	2.02E-04	2.06E-04	1.97E-04	6.98E-08	2.11E-07	1.22E-07	1.25E-07	1.13E-07	5.05E-08	4.92E-08	2.33E-09	5.63E-08	1.24E-08	1.70E-08	2.69E-08	4.63E-09	2.58E-08	1.45E-07
5282	482363.09	3865877.25	2.03E-04	2.08E-04	1.98E-04	7.04E-08	2.13E-07	1.23E-07	1.26E-07	1.14E-07	5.09E-08	4.97E-08	2.35E-09	5.68E-08	1.25E-08	1.71E-08	2.71E-08	4.67E-09	2.61E-08	1.47E-07
5283	482863.09	3865877.25	2.06E-04	2.11E-04	2.01E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.17E-08	5.04E-08	2.39E-09	5.76E-08	1.27E-08	1.74E-08	2.75E-08	4.74E-09	2.64E-08	1.49E-07
5284	483363.09	3865877.25	2.11E-04	2.16E-04	2.06E-04	7.32E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.29E-08	5.16E-08	2.44E-09	5.90E-08	1.30E-08	1.78E-08	2.82E-08	4.86E-09	2.71E-08	1.52E-07
5285	483863.09	3865877.25	2.18E-04	2.23E-04	2.13E-04	7.54E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.45E-08	5.32E-08	2.52E-09	6.08E-08	1.34E-08	1.83E-08	2.91E-08	5.01E-09	2.79E-08	1.57E-07
5286	484363.09	3865877.25	2.26E-04	2.31E-04	2.20E-04	7.81E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.65E-08	5.51E-08	2.61E-09	6.30E-08	1.39E-08	1.90E-08	3.01E-08	5.18E-09	2.89E-08	1.63E-07
5287	484863.09	3865877.25	2.33E-04	2.39E-04	2.28E-04	8.08E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.84E-08	5.70E-08	2.70E-09	6.52E-08	1.44E-08	1.96E-08	3.11E-08	5.36E-09	2.99E-08	1.68E-07
5288	485363.09	3865877.25	2.41E-04	2.47E-04	2.35E-04	8.35E-08	2.52E-07	1.46E-07	1.49E-07	1.35E-07	6.03E-08	5.88E-08	2.79E-09	6.73E-08	1.49E-08	2.03E-08	3.22E-08	5.54E-09	3.09E-08	1.74E-07
5289	485863.09	3865877.25	2.48E-04	2.54E-04	2.42E-04	8.59E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.21E-08	6.05E-08	2.87E-09	6.93E-08	1.53E-08	2.09E-08	3.31E-08	5.70E-09	3.18E-08	1.79E-07
5290	486363.09	3865877.25	2.54E-04	2.60E-04	2.48E-04	8.78E-08	2.65E-07	1.54E-07	1.57E-07	1.42E-07	6.35E-08	6.19E-08	2.93E-09	7.09E-08	1.56E-08	2.13E-08	3.39E-08	5.83E-09	3.25E-08	1.83E-07
5291	486863.09	3865877.25	2.59E-04	2.65E-04	2.53E-04	8.97E-08	2.71E-07	1.57E-07	1.60E-07	1.45E-07	6.48E-08	6.32E-08	2.99E-09	7.23E-08	1.60E-08	2.18E-08	3.46E-08	5.95E-09	3.32E-08	1.87E-07
5292	487363.09	3865877.25	2.65E-04	2.71E-04	2.58E-04	9.16E-08	2.77E-07	1.60E-07	1.64E-07	1.49E-07	6.63E-08	6.46E-08	3.06E-09	7.39E-08	1.63E-08	2.23E-08	3.53E-08	6.08E-09	3.39E-08	1.91E-07
5293	487863.09	3865877.25	2.69E-04	2.76E-04	2.63E-04	9.33E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.74E-08	6.58E-08	3.11E-09	7.52E-08	1.66E-08	2.27E-08	3.59E-08	6.19E-09	3.45E-08	1.94E-07
5294	488363.09	3865877.25	2.73E-04	2.79E-04	2.66E-04	9.44E-08	2.85E-07	1.65E-07	1.69E-07	1.53E-07	6.83E-08	6.66E-08	3.15E-09	7.61E-08	1.68E-08	2.29E-08	3.64E-08	6.26E-09	3.49E-08	1.97E-07
5295	488863.09	3865877.25	2.75E-04	2.82E-04	2.69E-04	9.53E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	6.89E-08	6.72E-08	3.18E-09	7.69E-08	1.70E-08	2.32E-08	3.67E-08	6.33E-09	3.53E-08	1.99E-07
5296	489363.09	3865877.25	2.76E-04	2.83E-04	2.70E-04	9.57E-08	2.89E-07	1.67E-07	1.71E-07	1.55E-07	6.92E-08	6.75E-08	3.20E-09	7.72E-08	1.70E-08	2.32E-08	3.69E-08	6.35E-09	3.54E-08	1.99E-07
5297	489863.09	3865877.25	2.77E-04	2.83E-04	2.70E-04	9.59E-08	2.89E-07	1.68E-07	1.72E-07	1.55E-07	6.93E-08	6.76E-08	3.20E-09	7.73E-08	1.71E-08	2.33E-08	3.69E-08	6.36E-09	3.55E-08	2.00E-07
5298	490363.09	3865877.25	2.77E-04	2.83E-04	2.70E-04	9.58E-08	2.89E-07	1.67E-07	1.71E-07	1.55E-07	6.92E-08	6.75E-08	3.20E-09	7.73E-08	1.70E-08	2.33E-08	3.69E-08	6.36E-09	3.54E-08	1.99E-07
5299	490863.09	3865877.25	2.62E-04	2.68E-04	2.56E-04	9.07E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.56E-08	6.40E-08	3.03E-09	7.32E-08	1.61E-08	2.20E-08	3.49E-08	6.02E-09	3.36E-08	1.89E-07
5300	491363.09	3865877.25	2.43E-04	2.49E-04	2.37E-04	8.42E-08	2.54E-07	1.47E-07	1.51E-07	1.37E-07	6.09E-08	5.94E-08	2.81E-09	6.79E-08	1.50E-08	2.05E-08	3.25E-08	5.59E-09	3.12E-08	1.75E-07
5301	491863.09	3865877.25	2.36E-04	2.42E-04	2.30E-04	8.17E-08	2.47E-07	1.43E-07	1.46E-07	1.33E-07	5.91E-08	5.76E-08	2.73E-09	6.59E-08	1.45E-08	1.99E-08	3.15E-08	5.42E-09	3.02E-08	1.70E-07
5302	492363.09	3865877.25	2.23E-04	2.29E-04	2.18E-04	7.73E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.59E-08	5.45E-08	2.58E-09	6.24E-08	1.38E-08	1.88E-08	2.98E-08	5.13E-09	2.86E-08	1.61E-07
5303	492863.09	3865877.25	1.69E-04	1.73E-04	1.65E-04	5.86E-08	1.77E-07	1.02E-07	1.05E-07	9.51E-08	4.24E-08	4.13E-08	1.96E-09	4.73E-08	1.04E-08	1.42E-08	2.26E-08	3.89E-09	2.17E-08	1.22E-07
5304	493363.09	3865877.25	1.65E-04	1.69E-04	1.61E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.28E-08	4.14E-08	4.04E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.80E-09	2.12E-08	1.19E-07
5305	493863.09	3865877.25	1.89E-04	1.93E-04	1.84E-04	6.53E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.72E-08	4.60E-08	2.18E-09	5.26E-08	1.16E-08	1.59E-08	2.51E-08	4.33E-09	2.42E-08	1.36E-07
5306	494363.09	3865877.25	2.18E-04	2.23E-04	2.13E-04	7.54E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.45E-08	5.32E-08	2.52E-09	6.08E-08	1.34E-08	1.83E-08	2.91E-08	5.01E-09	2.79E-08	1.57E-07
5307	494863.09	3865877.25	2.55E-04	2.61E-04	2.48E-04	8.82E-08	2.66E-07	1.54E-07	1.58E-07	1.43E-07	6.38E-08	6.22E-08	2.95E-09	7.11E-08	1.57E-08	2.14E-08	3.40E-08	5.85E-09	3.26E-08	1.84E-07
5308	495363.09	3865877.25	2.57E-04	2.63E-04	2.50E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.43E-08	6.27E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	5.90E-09	3.29E-08	1.85E-07
5309	495863.09	3865877.25	2.59E-04	2.65E-04	2.52E-04	8.96E-08	2.70E-07	1.57E-07	1.60E-07	1.45E-07	6.48E-08	6.32E-08	2.99E-09	7.23E-08	1.59E-08	2.18E-08	3.45E-08	5.94E-09	3.31E-08	1.87E-07
5310	496363.09	3865877.25	2.60E-04	2.66E-04	2.53E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.50E-08	6.34E-08	3.00E-09	7.25E-08	1.60E-08	2.18E-08	3.47E-08	5.97E-09	3.33E-08	1.87E-07
5311	496863.09	3865877.25	2.57E-04	2.63E-04	2.50E-04	8.89E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.43E-08	6.27E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	5.90E-09	3.29E-08	1.85E-07
5312	497363.09	3865877.25	2.65E-04	2.71E-04	2.59E-04	9.18E-08	2.77E-07	1.60E-07	1.64E-07	1.49E-07	6.64E-08	6.47E-08	3.07E-09	7.41E-08	1.63E-08	2.23E-08	3.54E-08	6.09E-09	3.40E-08	1.91E-07
5313	497863.09	3865877.25	2.58E-04	2.64E-04	2.52E-04	8.94E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.46E-08	6.30E-08	2.99E-09	7.21E-08	1.59E-08	2.17E-08	3.45E-08	5.93E-09	3.31E-08	1.86E-07
5314	498363.09	3865877.25	2.41E-04	2.47E-04	2.35E-04	8.35E-08	2.52E-07	1.46E-07	1.49E-07	1.35E-07	6.03E-08	5.88E-08	2.79E-09	6.73E-08	1.49E-08	2.03E-08	3.22E-08	5.54E-09	3.09E-08	1.74E-07
5315	471363.09	3866377.25	1.48E-04	1.52E-04	1.45E-04	5.13E-08	1.55E-07	8.97E-08	9.18E-08	8.32E-08	3.71E-08	3.62E-08	1.71E-09	4.14E-08	9.13E-09	1.25E-08	1.98E-08	3.40E-09	1.90E-08	1.07E-07
5316	471863.09	3866377.25	1.51E-04	1.55E-04	1.47E-04	5.23E-08	1.58E-07	9.15E-08	9.36E-08	8.49E-08	3.78E-08	3.69E-08	1.75E-09	4.22E-08	9.31E-09	1.27E-08	2.02E-08	3.47E-09	1.94E-08	1.09E-07
5317	472363.09	3866377.25	1.54E-04	1.58E-04	1.50E-04	5.34E-08	1.61E-07	9.33E-08	9.55E-08	8.66E-08	3.86E-08	3.76E-08	1.78E-09	4.30E-08	9.50E-09	1.30E-08	2.06E-08	3.54E-09	1.97E-08	1.11E-07
5318	472863.09	3866377.25	1.56E-04	1.60E-04	1.52E-04	5.41E-08	1.63E-07	9.45E-08	9.67E-08	8.77E-08	3.91E-08	3.81E-08	1.81E-09	4.36E-08	9.62E-09	1.31E-08	2.08E-08	3.59E-09	2.00E-08	1.13E-07
5319	473363.09	3866377.25	1.59E-04	1.63E-04	1.55E-04	5.51E-08	1.66E-07	9.63E-08	9.86E-08	8.93E-08	3.98E-08	3.88E-08	1.84E-09	4.44E-08	9.81E-09	1.34E-08	2.12E-08	3.66E-09	2.04E-08	1.15E-07
5320	473863.09	3866377.25	1.62E-04	1.66E-04	1.58E-04	5.61E-08	1.69E-07	9.81E-08	1.00E-07	9.10E-08	4.06E-08	3.96E-08	1.87E-09	4.53E-08	9.99E-09	1.36E-08	2.16E-08	3.72E-09	2.08E-08	1.17E-07
5321	474363.09	3866377.25	1.65E-04	1.69E-04	1.61E-04	5.72E-08	1.73E-07	9.99E-08	1.02E-07	9.27E-08	4.13E-08	4.03E-08	1.91E-09	4.61E-08	1.02E-08	1.39E-08	2.20E-08	3.79E-09	2.12E-08	1.19E-07
5322	474863.09	3866377.25	1.68E-04	1.72E-04	1.64E-04	5.81E-08	1.75E-07	1.02E-07	1.04E-07	9.42E-08	4.20E-08	4.10E-08	1.94E-09	4.69E-08	1.03E-08	1.41E-08	2.24E-08	3.86E-09	2.15E-08	1.21E-07
5323	475363.09	3866377.25	1.70E-04	1.74E-04	1.66E-04	5.88E-08	1.78E-07	1.03E-07	1.05E-07	9.54E-08	4.25E-08	4.15E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.27E-08	3.90E-09	2.18E-08	1.22E-07
5324	475863.09	3866377.25	1.72E-04	1.76E-04	1.67E-04	5.94E-08	1.79E-07	1.04E-07	1.06E-07	9.63E-08	4.29E-08	4.19E-08	1.98E-09	4.79E-08	1.06E-08	1.44E-08	2.29E-08	3.94E-09	2.20E-08	1.24E-07
5325	476363.09	3866377.25	1.75E-04	1.79E-04	1.71E-04	6.06E-08	1.83E-07	1.06E-07	1.08E-07	9.83E-08	4.38E-08	4.27E-08	2.02E-09	4.89E-08	1.08E-08	1.47E-08	2.34E-08	4.02E-09	2.24E-08	1.26E-07
5326	476863.09	3866377.25	1.70E-04	1.74E-04	1.66E-04	5.89E-08	1.78E-07	1.03E-07	1.05E-07	9.55E-08	4.26E-08	4.15E-08	1.97E-09	4.75E-08	1.05E-08	1.43E-08	2.27E-08	3.91E-09	2.18E-08	1.23E-07
5327	477363.09	3866377.25	1.77E-04	1.81E-04	1.72E-04	6.12E-08	1.85E-07	1.07E-07	1.10E-07	9.93E-08	4.43E-08	4.32E-08	2.04E-09	4.94E-08	1.09E-08	1.49E-08	2.36E-08	4.06E-09	2.27E-08	1.27E-07
5328	477863.09	3866377.25	1.79E-04	1.84E-04	1.75E-04	6.21E-08	1.87E-07	1.08E-07	1.11E-07	1.01E-07	4.49E-08	4.38E-08	2.07E-09	5.01E-08	1.10E-08	1.51E-08	2.39E-08	4.12E-09	2.30E-08	1.29E-07
5329	478363.09	3866377.25	1.81E-04	1.85E-04	1.76E-04	6.25E-08	1.89E-07	1.09E-07	1.12E-07	1.01E-07	4.52E-08	4.41E-08	2.09E-09	5.04E-08	1.11E-08	1.52E-08	2.41E-08	4.15E-09	2.31E-08	1.30E-07
5330	478863.09	3866377.25	1.83E-04	1.87E-04	1.78E-04	6.32E-08	1.91E-07	1.10E-07	1.13E-07	1.02E-07	4.57E-08	4.46E-08	2.11E-09	5.10E-08	1.12E-08	1.54E-08	2.44E-08	4.19E-09	2.34E-08	1.32E-07
5331	479363.09	3866377.25	1.84E-04	1.89E-04	1.80E-04	6.38E-08	1.93E-07	1.12E-07	1.14E-07	1.03E-07	4.61E-08	4.50E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.23E-09	2.36E-08	1.33E-07
5332	479863.09	3866377.25	1.86E-04	1.90E-04	1.81E-04	6.42E-08	1.94E-07	1.12E-07	1.15E-07	1.04E-07	4.64E-08	4.53E-08	2.14E-09	5.18E-08	1.14E-08	1.56E-08	2.48E-08	4.26E-09	2.38E-08	1.34E-07
5333	480363.09	3866377.25	1.87E-04	1.91E-04	1.82E-04	6.46E-08	1.95E-07	1.13E-07	1.16E-07	1.05E-07	4.67E-08	4.55E-08	2.16E-09	5.21E-08	1.15E-08	1.57E-08	2.49E-08	4.28E-09	2.39E-08	1.34E-07
5334	480863.09	3866377.25	1.87E-04	1.91E-04	1.82E-04	6.47E-08	1.95E-07	1.13E-07	1.16E-07	1.05E-07	4.68E-08	4.57E-08	2.16E-09	5.22E-08	1.15E-08	1.57E-08	2.49E-08	4.30E-09	2.40E-08	1.35E-07
5335	481363.09	3866377.25	1.88E-04	1.92E-04	1.83E-04	6.51E-08	1.97E-07	1.14E-07	1.16E-07	1.06E-07	4.71E-08	4.59E-08	2.17E-09	5.25E-08	1.16E-08	1.58E-08	2.51E-08	4.32E-09	2.41E-08	1.36E-07
5336	481863.09	3866377.25	1.89E-04	1.93E-04	1.84E-04	6.54E-08	1.98E-07	1.14E-07	1.17E-07	1.06E-07	4.73E-08	4.61E-08	2.19E-09	5.28E-08	1.16E-08	1.59E-08	2.52E-08	4.34E-09	2.42E-08	1.36E-07
5337	482363.09	3866377.25	1.92E-04	1.96E-04	1.87E-04	6.63E-08	2.00E-07	1.16E-07	1.19E-07	1.08E-07	4.79E-08	4.67E-08	2.21E-09	5.35E-08	1.18E-08	1.61E-08	2.55E-08	4.40E-09	2.45E-08	1.38E-07
5338	482863.09	3866377.25	1.96E-04	2.00E-04	1.91E-04	6.77E-08	2.04E-07	1.18E-07	1.21E-07	1.10E-07	4.89E-08	4.77E-08	2.26E-09	5.46E-08	1.20E-08	1.64E-08	2.61E-08	4.49E-09	2.50E-08	1.41E-07
5339	483363.09	3866377.25	2.00E-04	2.04E-04	1.95E-04	6.91E-08	2.09E-07	1.21E-07	1.24E-07	1.12E-07	5.00E-08	4.88E-08	2.31E-09	5.58E-08	1.23E-08	1.68E-08	2.66E-08	4.59E-09	2.56E-08	1.44E-07
5340	483863.09	3866377.25	2.05E-04	2.10E-04	2.00E-04	7.10E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.14E-08	5.01E-08	2.37E-09	5.73E-08	1.26E-08	1.73E-08	2.74E-08	4.71E-09	2.63E-08	1.48E-07
5341	484363.09	3866377.25	2.11E-04	2.16E-04	2.06E-04	7.32E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.29E-08	5.16E-08	2.44E-09	5.90E-08	1.30E-08	1.78E-08	2.82E-08	4.86E-09	2.71E-08	1.52E-07
5342	484863.09	3866377.25	2.19E-04	2.24E-04	2.14E-04	7.58E-08	2.29E-07	1.32E-07	1.36E-07	1.23E-07	5.48E-08	5.34E-08	2.53E-09	6.11E-08	1.35E-08	1.84E-08	2.92E-08	5.03E-09	2.80E-08	1.58E-07
5343	485363.09	3866377.25	2.25E-04	2.30E-04	2.20E-04	7.79E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.63E-08	5.50E-08	2.60E-09	6.29E-08	1.39E-08	1.89E-08	3.00E-08	5.17E-09	2.88E-08	1.62E-07
5344	485863.09	3866377.25	2.31E-04	2.36E-04	2.25E-04	7.98E-08	2.41E-07	1.40E-07	1.43E-07	1.29E-07	5.77E-08	5.63E-08	2.67E-09	6.44E-08	1.42E-08	1.94E-08	3.08E-08	5.30E-09	2.95E-08	1.66E-07
5345	486363.09	3866377.25	2.35E-04	2.41E-04	2.30E-04	8.15E-08	2.46E-07	1.42E-07	1.46E-07	1.32E-07	5.89E-08	5.74E-08	2.72E-09	6.57E-08	1.45E-08	1.98E-08	3.14E-08	5.41E-09	3.01E-08	1.70E-07
5346	486863.09	3866377.25	2.40E-04	2.45E-04	2.34E-04	8.30E-08	2.51E-07	1.45E-07	1.49E-07	1.35E-07	6.00E-08	5.85E-08	2.77E-09	6.70E-08	1.48E-08	2.02E-08	3.20E-08	5.51E-09	3.07E-08	1.73E-07

5347	487363.09	3866377.25	2.47E-04	2.53E-04	2.41E-04	8.55E-08	2.58E-07	1.49E-07	1.53E-07	1.39E-07	6.18E-08	6.03E-08	2.86E-09	6.90E-08	1.52E-08	2.08E-08	3.30E-08	5.67E-09	3.16E-08	1.78E-07
5348	487863.09	3866377.25	2.51E-04	2.57E-04	2.45E-04	8.69E-08	2.62E-07	1.52E-07	1.55E-07	1.41E-07	6.28E-08	6.13E-08	2.90E-09	7.01E-08	1.55E-08	2.11E-08	3.35E-08	5.77E-09	3.22E-08	1.81E-07
5349	488363.09	3866377.25	2.53E-04	2.59E-04	2.47E-04	8.77E-08	2.65E-07	1.53E-07	1.57E-07	1.42E-07	6.34E-08	6.18E-08	2.93E-09	7.07E-08	1.56E-08	2.13E-08	3.38E-08	5.82E-09	3.24E-08	1.83E-07
5350	488863.09	3866377.25	2.51E-04	2.57E-04	2.45E-04	8.69E-08	2.62E-07	1.52E-07	1.55E-07	1.41E-07	6.28E-08	6.13E-08	2.90E-09	7.01E-08	1.55E-08	2.11E-08	3.35E-08	5.77E-09	3.22E-08	1.81E-07
5351	489363.09	3866377.25	2.46E-04	2.52E-04	2.40E-04	8.53E-08	2.57E-07	1.49E-07	1.53E-07	1.38E-07	6.16E-08	6.01E-08	2.85E-09	6.88E-08	1.52E-08	2.07E-08	3.29E-08	5.66E-09	3.16E-08	1.78E-07
5352	489863.09	3866377.25	2.36E-04	2.42E-04	2.31E-04	8.18E-08	2.47E-07	1.43E-07	1.46E-07	1.33E-07	5.92E-08	5.77E-08	2.73E-09	6.60E-08	1.46E-08	1.99E-08	3.15E-08	5.43E-09	3.03E-08	1.70E-07
5353	490363.09	3866377.25	2.51E-04	2.57E-04	2.45E-04	8.68E-08	2.62E-07	1.52E-07	1.55E-07	1.41E-07	6.28E-08	6.12E-08	2.90E-09	7.00E-08	1.55E-08	2.11E-08	3.35E-08	5.76E-09	3.21E-08	1.81E-07
5354	490863.09	3866377.25	2.48E-04	2.54E-04	2.42E-04	8.60E-08	2.60E-07	1.50E-07	1.54E-07	1.39E-07	6.21E-08	6.06E-08	2.87E-09	6.93E-08	1.53E-08	2.09E-08	3.31E-08	5.70E-09	3.18E-08	1.79E-07
5355	491363.09	3866377.25	2.43E-04	2.49E-04	2.37E-04	8.42E-08	2.54E-07	1.47E-07	1.51E-07	1.37E-07	6.09E-08	5.94E-08	2.81E-09	6.79E-08	1.50E-08	2.05E-08	3.25E-08	5.59E-09	3.12E-08	1.75E-07
5356	491863.09	3866377.25	2.05E-04	2.10E-04	2.00E-04	7.10E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.13E-08	5.00E-08	2.37E-09	5.72E-08	1.26E-08	1.72E-08	2.73E-08	4.71E-09	2.63E-08	1.48E-07
5357	492363.09	3866377.25	2.08E-04	2.13E-04	2.03E-04	7.21E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.21E-08	5.08E-08	2.41E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.78E-09	2.67E-08	1.50E-07
5358	492863.09	3866377.25	1.84E-04	1.88E-04	1.79E-04	6.36E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.60E-08	4.49E-08	2.12E-09	5.13E-08	1.13E-08	1.55E-08	2.45E-08	4.22E-09	2.35E-08	1.33E-07
5359	493363.09	3866377.25	1.92E-04	1.97E-04	1.87E-04	6.65E-08	2.01E-07	1.16E-07	1.19E-07	1.08E-07	4.81E-08	4.69E-08	2.22E-09	5.36E-08	1.18E-08	1.61E-08	2.56E-08	4.41E-09	2.46E-08	1.38E-07
5360	493863.09	3866377.25	2.04E-04	2.09E-04	1.99E-04	7.06E-08	2.13E-07	1.23E-07	1.26E-07	1.15E-07	5.10E-08	4.98E-08	2.36E-09	5.70E-08	1.26E-08	1.72E-08	2.72E-08	4.68E-09	2.61E-08	1.47E-07
5361	494363.09	3866377.25	2.22E-04	2.27E-04	2.16E-04	7.67E-08	2.32E-07	1.34E-07	1.37E-07	1.24E-07	5.55E-08	5.41E-08	2.56E-09	6.19E-08	1.37E-08	1.86E-08	2.96E-08	5.09E-09	2.84E-08	1.60E-07
5362	494863.09	3866377.25	2.20E-04	2.26E-04	2.15E-04	7.63E-08	2.30E-07	1.33E-07	1.37E-07	1.24E-07	5.52E-08	5.38E-08	2.55E-09	6.15E-08	1.36E-08	1.85E-08	2.94E-08	5.06E-09	2.82E-08	1.59E-07
5363	495363.09	3866377.25	2.19E-04	2.24E-04	2.13E-04	7.57E-08	2.29E-07	1.32E-07	1.35E-07	1.23E-07	5.47E-08	5.34E-08	2.53E-09	6.11E-08	1.35E-08	1.84E-08	2.92E-08	5.02E-09	2.80E-08	1.58E-07
5364	495863.09	3866377.25	2.16E-04	2.21E-04	2.11E-04	7.48E-08	2.26E-07	1.31E-07	1.34E-07	1.21E-07	5.41E-08	5.28E-08	2.50E-09	6.04E-08	1.33E-08	1.82E-08	2.88E-08	4.97E-09	2.77E-08	1.56E-07
5365	496363.09	3866377.25	2.20E-04	2.25E-04	2.14E-04	7.61E-08	2.30E-07	1.33E-07	1.36E-07	1.23E-07	5.50E-08	5.37E-08	2.54E-09	6.14E-08	1.35E-08	1.85E-08	2.93E-08	5.05E-09	2.82E-08	1.59E-07
5366	496863.09	3866377.25	2.17E-04	2.22E-04	2.12E-04	7.52E-08	2.27E-07	1.31E-07	1.35E-07	1.22E-07	5.44E-08	5.30E-08	2.51E-09	6.06E-08	1.34E-08	1.83E-08	2.90E-08	4.99E-09	2.78E-08	1.57E-07
5367	497363.09	3866377.25	2.22E-04	2.27E-04	2.17E-04	7.69E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.56E-08	5.42E-08	2.57E-09	6.20E-08	1.37E-08	1.87E-08	2.96E-08	5.10E-09	2.85E-08	1.60E-07
5368	497863.09	3866377.25	2.31E-04	2.37E-04	2.26E-04	8.01E-08	2.42E-07	1.40E-07	1.43E-07	1.30E-07	5.79E-08	5.65E-08	2.67E-09	6.46E-08	1.43E-08	1.95E-08	3.09E-08	5.31E-09	2.96E-08	1.67E-07
5369	498363.09	3866377.25	2.02E-04	2.07E-04	1.97E-04	6.99E-08	2.11E-07	1.22E-07	1.25E-07	1.13E-07	5.05E-08	4.93E-08	2.33E-09	5.64E-08	1.24E-08	1.70E-08	2.69E-08	4.64E-09	2.59E-08	1.46E-07
5370	474494.92	3848334.16	7.55E-02	7.73E-02	7.36E-02	2.61E-05	7.89E-05	4.57E-05	4.68E-05	4.24E-05	1.89E-05	1.84E-05	8.73E-07	2.11E-05	4.65E-06	6.35E-06	1.01E-05	1.73E-06	9.67E-06	5.44E-05
5371	475167.27	3848920.79	8.37E-02	8.57E-02	8.16E-02	2.90E-05	8.75E-05	5.07E-05	5.18E-05	4.70E-05	2.10E-05	2.04E-05	9.68E-07	2.34E-05	5.16E-06	7.04E-06	1.12E-05	1.92E-06	1.07E-05	6.04E-05
5372	475297.89	3848997.96	8.59E-02	8.79E-02	8.38E-02	2.97E-05	8.98E-05	5.20E-05	5.32E-05	4.82E-05	2.15E-05	2.10E-05	9.93E-07	2.40E-05	5.29E-06	7.22E-06	1.15E-05	1.97E-06	1.10E-05	6.19E-05
5373	475439.05	3849062	8.55E-02	8.75E-02	8.34E-02	2.96E-05	8.93E-05	5.17E-05	5.29E-05	4.80E-05	2.14E-05	2.09E-05	9.88E-07	2.39E-05	5.27E-06	7.19E-06	1.14E-05	1.96E-06	1.09E-05	6.16E-05
5374	475486.86	3849061.09	6.68E-02	6.84E-02	6.52E-02	2.31E-05	6.98E-05	4.04E-05	4.14E-05	3.75E-05	1.67E-05	1.63E-05	7.72E-07	1.87E-05	4.12E-06	5.62E-06	8.91E-06	1.53E-06	8.56E-06	4.82E-05
5375	475538.46	3849075.56	6.61E-02	6.76E-02	6.44E-02	2.29E-05	6.90E-05	4.00E-05	4.09E-05	3.71E-05	1.65E-05	1.61E-05	7.64E-07	1.84E-05	4.07E-06	5.55E-06	8.81E-06	1.52E-06	8.46E-06	4.76E-05
5376	475751.79	3849137.15	8.84E-02	9.05E-02	8.62E-02	3.06E-05	9.24E-05	5.35E-05	5.48E-05	4.96E-05	2.21E-05	2.16E-05	1.02E-06	2.47E-05	5.45E-06	7.44E-06	1.18E-05	2.03E-06	1.13E-05	6.37E-05
5377	476303.62	3849223.38	1.01E-01	1.03E-01	9.84E-02	3.49E-05	1.05E-04	6.10E-05	6.25E-05	5.66E-05	2.53E-05	2.46E-05	1.17E-06	2.82E-05	6.22E-06	8.48E-06	1.35E-05	2.32E-06	1.29E-05	7.27E-05
5378	476304.51	3849238.92	9.62E-02	9.85E-02	9.39E-02	3.33E-05	1.01E-04	5.82E-05	5.96E-05	5.40E-05	2.41E-05	2.35E-05	1.11E-06	2.69E-05	5.93E-06	8.09E-06	1.28E-05	2.21E-06	1.23E-05	6.94E-05
5379	476365.04	3849247.98	9.42E-02	9.64E-02	9.18E-02	3.26E-05	9.84E-05	5.70E-05	5.83E-05	5.29E-05	2.36E-05	2.30E-05	1.09E-06	2.63E-05	5.80E-06	7.92E-06	1.26E-05	2.16E-06	1.21E-05	6.79E-05
5380	476444.86	3849267.13	9.68E-02	9.91E-02	9.44E-02	3.35E-05	1.01E-04	5.86E-05	6.00E-05	5.44E-05	2.42E-05	2.36E-05	1.12E-06	2.70E-05	5.97E-06	8.14E-06	1.29E-05	2.22E-06	1.24E-05	6.98E-05
5381	476550.75	3849300.66	1.03E-01	1.06E-01	1.01E-01	3.58E-05	1.08E-04	6.26E-05	6.41E-05	5.81E-05	2.59E-05	2.53E-05	1.20E-06	2.89E-05	6.37E-06	8.70E-06	1.38E-05	2.38E-06	1.33E-05	7.46E-05
5382	476656.71	3849346.88	1.06E-01	1.08E-01	1.03E-01	3.67E-05	1.11E-04	6.41E-05	6.56E-05	5.95E-05	2.65E-05	2.58E-05	1.22E-06	2.96E-05	6.53E-06	8.91E-06	1.41E-05	2.43E-06	1.36E-05	7.64E-05
5383	476873.55	3849454.53	9.67E-02	9.90E-02	9.44E-02	3.35E-05	1.01E-04	5.85E-05	5.99E-05	5.43E-05	2.42E-05	2.36E-05	1.12E-06	2.70E-05	5.96E-06	8.14E-06	1.29E-05	2.22E-06	1.24E-05	6.97E-05
5384	477700	3849859.7	6.83E-02	6.99E-02	6.66E-02	2.36E-05	7.14E-05	4.13E-05	4.23E-05	3.84E-05	1.71E-05	1.67E-05	7.90E-07	1.91E-05	4.21E-06	5.74E-06	9.11E-06	1.57E-06	8.75E-06	4.93E-05
5385	477743.16	3849856.38	9.58E-02	9.81E-02	9.35E-02	3.32E-05	1.00E-04	5.80E-05	5.94E-05	5.38E-05	2.40E-05	2.34E-05	1.11E-06	2.68E-05	5.90E-06	8.06E-06	1.28E-05	2.20E-06	1.23E-05	6.91E-05
5386	478477.35	3850216.33	8.90E-02	9.11E-02	8.68E-02	3.08E-05	9.30E-05	5.38E-05	5.51E-05	5.00E-05	2.23E-05	2.17E-05	1.03E-06	2.48E-05	5.48E-06	7.48E-06	1.19E-05	2.04E-06	1.14E-05	6.42E-05
5387	478485.8	3850201.6	8.26E-02	8.46E-02	8.06E-02	2.86E-05	8.64E-05	5.00E-05	5.12E-05	4.64E-05	2.07E-05	2.02E-05	9.55E-07	2.31E-05	5.09E-06	6.95E-06	1.10E-05	1.90E-06	1.06E-05	5.96E-05
5388	479113.21	3850501.53	7.69E-02	7.87E-02	7.50E-02	2.66E-05	8.03E-05	4.65E-05	4.76E-05	4.32E-05	1.92E-05	1.88E-05	8.89E-07	2.15E-05	4.74E-06	6.46E-06	1.03E-05	1.77E-06	9.85E-06	5.54E-05
5389	479108.11	3850382.28	3.77E-02	3.86E-02	3.67E-02	1.30E-05	3.94E-05	2.28E-05	2.33E-05	2.12E-05	9.43E-06	9.20E-06	4.36E-07	1.05E-05	2.32E-06	3.17E-06	5.03E-06	8.65E-07	4.83E-06	2.72E-05
5390	479689.85	3850674.28	4.00E-02	4.09E-02	3.90E-02	1.38E-05	4.18E-05	2.42E-05	2.48E-05	2.24E-05	1.00E-05	9.76E-06	4.62E-07	1.12E-05	2.46E-06	3.36E-06	5.33E-06	9.18E-07	5.12E-06	2.88E-05
5391	479952.42	3850774.28	3.57E-02	3.65E-02	3.48E-02	1.24E-05	3.73E-05	2.16E-05	2.21E-05	2.00E-05	8.93E-06	8.71E-06	4.13E-07	9.97E-06	2.20E-06	3.00E-06	4.76E-06	8.20E-07	4.57E-06	2.57E-05
5392	479911.32	3850884.85	7.78E-02	7.96E-02	7.58E-02	2.69E-05	8.13E-05	4.70E-05	4.82E-05	4.37E-05	1.95E-05	1.90E-05	8.99E-07	2.17E-05	4.79E-06	6.54E-06	1.04E-05	1.79E-06	9.96E-06	5.61E-05
5393	480500.92	3851178.12	8.34E-02	8.54E-02	8.13E-02	2.89E-05	8.72E-05	5.05E-05	5.16E-05	4.68E-05	2.09E-05	2.04E-05	9.64E-07	2.33E-05	5.14E-06	7.01E-06	1.11E-05	1.92E-06	1.07E-05	6.01E-05
5394	480738.01	3851289.27	7.99E-02	8.18E-02	7.79E-02	2.77E-05	8.35E-05	4.84E-05	4.95E-05	4.49E-05	2.00E-05	1.95E-05	9.24E-07	2.23E-05	4.92E-06	6.72E-06	1.07E-05	1.84E-06	1.02E-05	5.76E-05
5395	481055.42	3851443.58	7.99E-02	8.18E-02	7.79E-02	2.77E-05	8.35E-05	4.83E-05	4.95E-05	4.49E-05	2.00E-05	1.95E-05	9.24E-07	2.23E-05	4.92E-06	6.72E-06	1.07E-05	1.84E-06	1.02E-05	5.76E-05
5396	481110.22	3851443.15	6.19E-02	6.33E-02	6.03E-02	2.14E-05	6.47E-05	3.74E-05	3.83E-05	3.47E-05	1.55E-05	1.51E-05	7.15E-07	1.73E-05	3.81E-06	5.20E-06	8.25E-06	1.42E-06	7.93E-06	4.46E-05
5397	481111.1	3851417.45	5.22E-02	5.34E-02	5.09E-02	1.81E-05	5.45E-05	3.16E-05	3.23E-05	2.93E-05	1.31E-05	1.27E-05	6.03E-07	1.46E-05	3.21E-06	4.39E-06	6.96E-06	1.20E-06	6.68E-06	3.76E-05
5398	482248.44	3852605.09	7.63E-02	7.81E-02	7.44E-02	2.64E-05	7.97E-05	4.62E-05	4.72E-05	4.28E-05	1.91E-05	1.86E-05	8.82E-07	2.13E-05	4.70E-06	6.41E-06	1.02E-05	1.75E-06	9.77E-06	5.50E-05
5399	482273.34	3852632.31	7.88E-02	8.07E-02	7.69E-02	2.73E-05	8.24E-05	4.77E-05	4.88E-05	4.43E-05	1.97E-05	1.92E-05	9.11E-07	2.20E-05	4.86E-06	6.63E-06	1.05E-05	1.81E-06	1.01E-05	5.68E-05
5400	482665.46	3853038.72	6.52E-02	6.68E-02	6.36E-02	2.26E-05	6.82E-05	3.95E-05	4.04E-05	3.66E-05	1.63E-05	1.59E-05	7.54E-07	1.82E-05	4.02E-06	5.48E-06	8.70E-06	1.50E-06	8.35E-06	4.70E-05
5401	483077.95	3853844.31	3.20E-03	3.28E-03	3.12E-03	1.11E-06	3.35E-06	1.94E-06	1.98E-06	1.80E-06	8.01E-07	7.82E-07	3.70E-08	8.94E-07	1.97E-07	2.69E-07	4.27E-07	7.35E-08	4.10E-07	2.31E-06
5402	483121.38	3853909.38	2.85E-03	2.92E-03	2.78E-03	9.87E-07	2.98E-06	1.73E-06	1.77E-06	1.60E-06	7.14E-07	6.96E-07	3.30E-08	7.96E-07	1.76E-07	2.40E-07	3.80E-07	6.55E-08	3.65E-07	2.06E-06
5403	483492.64	3853911.49	2.82E-03	2.88E-03	2.75E-03	9.75E-07	2.94E-06	1.70E-06	1.74E-06	1.58E-06	7.05E-07	6.87E-07	3.26E-08	7.86E-07	1.74E-07	2.37E-07	3.76E-07	6.47E-08	3.61E-07	2.03E-06
5404	483498.29	3854204.73	1.98E-03	2.03E-03	1.93E-03	6.86E-07	2.07E-06	1.20E-06	1.23E-06	1.11E-06	4.96E-07	4.84E-07	2.29E-08	5.54E-07	1.22E-07	1.67E-07	2.65E-07	4.55E-08	2.54E-07	1.43E-06
5405	484132.44	3854662.55	1.17E-03	1.20E-03	1.14E-03	4.05E-07	1.22E-06	7.08E-07	7.25E-07	6.57E-07	2.93E-07	2.86E-07	1.35E-08	3.27E-07	7.21E-08	9.84E-08	1.56E-07	2.69E-08	1.50E-07	8.44E-07
5406	484627.62	3854876.13	1.13E-03	1.15E-03	1.10E-03	3.90E-07	1.18E-06	6.82E-07	6.98E-07	6.33E-07	2.82E-07	2.75E-07	1.30E-08	3.15E-07	6.95E-08	9.48E-08	1.50E-07	2.59E-08	1.44E-07	8.13E-07
5407	484756.14	3854949.04	1.11E-03	1.14E-03	1.09E-03	3.86E-07	1.16E-06	6.74E-07	6.90E-07	6.26E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.87E-08	9.37E-08	1.49E-07	2.56E-08	1.43E-07	8.03E-07
5408	486697.51	3856599.17	7.51E-04	7.69E-04	7.33E-04	2.60E-07	7.85E-07	4.55E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
5409	487105.31	3856962.27	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.93E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.55E-07
5410	487157.57	3856901.7	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.06E-07	4.66E-07	4.77E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.56E-07
5411	487173.5	3856853.74	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.87E-07	8.88E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
5412	487564.41	3856860.83	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.28E-07	1.91E-07	1.86E-07	8.82E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.50E-07
5413	487563.31	3856931.58	7.70E-04	7.88E-04	7.51E-04	2.66E-07	8.04E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.86E-08	5.55E-07
5414	487782.7	3856926.85	7.76E-04	7.94E-04	7.57E-04	2.69E-07	8.11E-07	4.69E-07	4.80E-07	4.36E-07	1.94E-07	1.89E-07	8.97E-09	2.17E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.94E-08	5.59E-07
5415	487782.39	3856757.07	7.66E-04	7.84E-04	7.47E-04	2.65E-07	8.01E-07	4.64E-07	4.74E-07	4.30E-07	1.92E-07	1.87E-07	8.86E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.81E-08	5.52E-07
5416	487917.26	3856752.41	7.70E-04	7.88E-04	7.51E-04	2.66E-07	8.04E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.86E-08	5.55E-07
5417	487919.57	3856953.35	7.85E-04	8.04E-04	7.66E-04	2.72E-07	8.21E-07	4.75E-07	4.86E-07	4.41E-07	1.97E-07	1.92E-07	9.08E-09	2.19E-07	4.84E-08	6.61E-08	1.05E-07	1.80E-08	1.01E-07	5.66E-07
5418	487932.76	3857000.32	7.88E-04	8.07E-04	7.69E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.42E-07	1.97E-07	1.92E-07	9.11E-09	2.20E-07	4.85E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
5419	487960.5	3857044.75	7.92E-04	8.11E-04	7.73E-04	2.74E-07	8.28E-07	4.79E-07	4.91E-07	4.45E-07	1.98E-07	1.93E-07	9.16E-09	2.21E-07	4.88E-08	6.66E-08	1.06E-07	1.82E-08	1.01E-07	5.71E-07
5420	488016.54	3857089.54	7.98E-04	8.17E-04	7.78E-04	2.76E-07	8.34E-07	4.83E-07	4.94E-07	4.48E-07	2.00E-07	1.95E-07	9.23E-09	2.23E-07	4.92E-08	6.71E-08	1.06E-07	1.83E-08	1.02E-07	5.75E-07
5421	488114.39	3857165.47	8.11E-04	8.31E-04	7.91E-04	2.81E-07	8.48E-07	4.91E-07	5.03E-07	4.56E-07	2.03E-07	1.98E-07	9.38E-09	2.27E-07	5.00E-08	6.82E-08	1.08E-07	1.86E-08	1.04E-07	5.85E-07
5422	488171.49	3857234.24	8.26E-04	8.46E-04	8.06E-04	2.86E-07	8.64E-07	5.00E-07	5.12E-07	4.64E-07	2.07E-07	2.02E-07	9.55E-09	2.31E-07	5.09E-08	6.95E-08	1.10E-07	1.90E-08	1.06E-07	5.96E-07
5423	488193.16	3857297.8	8.43E-04	8.63E-04	8.22E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.11E-07	2.06E-07	9.74E-09	2.35E-07	5.19E-08	7.09E-08	1.12E-07	1.94E-08	1.08E-07	6.08E-07
5424	488189.27	3857649.94	9.62E-04	9.85E-04	9.38E-04	3.33E-07	1.01E-06	5.82E-07	5.96E-07	5.40E-07	2.41E-07	2.35E-07	1.11E-08	2.69E-07	5.93E-08	8.09E-08	1.28E-07	2.21E-08	1.23E-07	6.94E-07
5425	488127.43	3857732.32	9.91E-04	1.01E-03	9.67E-04	3.43E-07	1.04E-06	6.00E-07	6.14E-07	5.57E-07	2.48E-07	2.42E-07	1.15E-08	2.77E-07	6.11E-08	8.34E-08	1.32E-07	2.28E-08	1.27E-07	7.15E-07
5426	488149.93	3857752.94	1.00E-03	1.03E-03	9.77E-04	3.47E-07	1.05E-06	6.06E-07	6.20E-07	5.62E-07	2.51E-07	2.44E-07	1.16E-08	2.80E-07	6.17E-08	8.42E-08	1.34E-07	2.30E-08	1.28E-07	7.22E-07
5427	488144.76	3857758.71	1.00E-03	1.03E-03	9.79E-04	3.47E-07	1.05E-06	6.07E-07	6.21E-07	5.63E-07	2.51E-07	2.45E-07	1.16E-08	2.80E-07	6.18E-08	8.44E-08	1.34E-07	2.30E-08	1.29E-07	7.23E-07
5428	488335.58	3857932.55	1.15E-03	1.18E-03	1.12E-03	3.98E-07	1.20E-06	6.96E-07	7.13E-07	6.46E-07	2.88E-07	2.81E-07	1.33E-08	3.21E-07	7.09E-08	9.68E-08	1.54E-07	2.64E-08	1.47E-07	8.30E-07
5429	488372.29	3857943.79	1.17E-03	1.19E-03	1.14E-03	4.04E-07	1.22E-06	7.06E-07	7.23E-07	6.55E-07	2.92E-07	2.85E-07	1.35E-08	3.26E-07	7.19E-08	9.81E-08	1.56E-07	2.68E-08	1.49E-07	8.41E-07
5430	488828.64	3857936.4	1.20E-03	1.23E-03	1.17E-03	4.17E-07	1.26E-06	7.28E-07	7.46E-07	6.76E-07	3.01E-07	2.94E-07	1.39E-08	3.36E-07	7.42E-08	1.01E-07	1.61E-07	2.77E-08	1.54E-07	8.68E-07
5431	488829.08	3857959.58	1.22E-03	1.25E-03	1.19E-03	4.23E-07	1.28E-06	7.40E-07	7.57E-07	6.86E-07	3.06E-07	2.98E-07	1.41E-08	3.41E-07	7.53E-08	1.03E-07	1.63E-07	2.81E-08	1.57E-07	8.81E-07
5432	488351.61	3857964.55	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.23E-06	7.15E-07	7.31E-07	6.63E-07	2.96E-07	2.88E-07	1.37E-08	3.30E-07	7.28E-08	9.93E-08	1.58E-07	2.71E-08	1.51E-07	8.51E-07
5433	488316.87	3857947.65	1.16E-03	1.19E-03	1.13E-03	4.01E-07	1.21E-06	7.01E-07	7.18E-07	6.51E-07	2.90E-07	2.83E-07	1.34E-08	3.24E-07	7.14E-08	9.75E-08	1.55E-07	2.66E-08	1.48E-07	8.36E-07
5434	488129.1	3857775.77	1.01E-03	1.03E-03	9.84E-04	3.49E-07	1.06E-06	6.11E-07	6.25E-07	5.67E-07	2.53E-07	2.46E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.32E-08	1.29E-07	7.28E-07
5435	488062.53	3857846.13	1.04E-03	1.06E-03	1.01E-03	3.59E-07	1.09E-06	6.28E-07	6.43E-07	5.83E-07	2.60E-07	2.53E-07	1.20E-08	2.90E-07	6.40E-08	8.73E-08	1.39E-07	2.39E-08	1.33E-07	7.49E-07
5436	488330.41	3858091.34	1.28E-03	1.31E-03	1.25E-03	4.42E-07	1.34E-06	7.73E-07	7.91E-07	7.17E-07	3.20E-07	3.12E-07	1.48E-08	3.57E-07	7.87E-08	1.07E-07	1.70E-07	2.93E-08	1.64E-07	9.21E-07
5437	488470.87	3858174.45	1.43E-03	1.46E-03	1.40E-03	4.95E-07	1.50E-06	8.66E-07	8.86E-07	8.03E-07	3.58E-07	3.49E-07	1.65E-08	3.99E-07	8.82E-08	1.20E-07	1.91E-07	3.29E-08	1.83E-07	1.03E-06
5438	488568.9	3858262.31	1.60E-03	1.64E-03	1.56E-03	5.54E-07	1.67E-06	9.68E-07	9.91E-07	8.98E-07	4.00E-07	3.91E-07	1.85E-08	4.47E-07	9.86E-08	1.35E-07	2.13E-07	3.67E-08	2.05E-07	1.15E-06
5439	488964.27	3858025.71	1.29E-03	1.32E-03	1.26E-03	4.45E-07	1.34E-06	7.79E-07	7.97E-07	7.22E-07	3.22E-07	3.14E-07	1.49E-08	3.59E-07	7.93E-08	1.08E-07	1.72E-07	2.96E-08	1.65E-07	9.28E-07
5440	489147.25	3857956.64	1.19E-03	1.22E-03	1.16E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.70E-07	2.99E-07	2.91E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.74E-08	1.53E-07	8.60E-07
5441	489343.52	3857932.45	1.10E-03	1.13E-03	1.08E-03	3.82E-07	1.15E-06	6.68E-07	6.84E-07	6.20E-07	2.76E-07	2.69E-07	1.28E-08	3.08E-07	6.80E-08	9.28E-08	1.47E-07	2.54E-08	1.41E-07	7.96E-07
5442	489866.19	3857923.19	1.01E-03	1.03E-03	9.85E-04	3.50E-07	1.06E-06	6.11E-07	6.25E-07	5.67E-07	2.53E-07	2.47E-07	1.17E-08	2.82E-07	6.22E-08	8.49E-08	1.35E-07	2.32E-08	1.29E-07	7.28E-07
5443	489955.65	3857902.27	9.79E-04	1.00E-03	9.55E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.73E-07	6.03E-08	8.24E-08	1.31E-07	2.25E-08	1.25E-07	7.06E-07
5444	490079.44	3857847.9	9.55E-04	9.78E-04	9.32E-04	3.31E-07	9.99E-07	5.78E-07	5.92E-07	5.36E-07	2.39E-07	2.33E-07	1.10E-08	2.67E-07	5.89E-08	8.03E-08	1.27E-07	2.19E-08	1.22E-07	6.89E-07
5445	490108.49	3857934.13	1.01E-03	1.03E-03	9.82E-04	3.48E-07	1.05E-06	6.09E-07	6.23E-07	5.65E-07	2.52E-07	2.46E-07	1.16E-08	2.81E-07	6.20E-08	8.46E-08	1.34E-07	2.31E-08	1.29E-07	7.26E-07
5446	489884.48	3858014.17	1.09E-03	1.11E-03	1.06E-03	3.76E-07	1.13E-06	6.57E-07	6.72E-07	6.09E-07	2.72E-07	2.65E-07	1.25E-08	3.03E-07	6.69E-08	9.13E-08	1.45E-07	2.49E-08	1.39E-07	7.83E-07
5447	489326.56	3858025.86	1.20E-03	1.23E-03	1.17E-03	4.16E-07	1.26E-06	7.27E-07	7.44E-07	6.75E-07	3.01E-07	2.93E-07	1.39E-08	3.36E-07	7.41E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.67E-07

5448	489130.38	3858056.71	1.28E-03	1.31E-03	1.25E-03	4.43E-07	1.34E-06	7.75E-07	7.93E-07	7.19E-07	3.20E-07	3.13E-07	1.48E-08	3.58E-07	7.89E-08	1.08E-07	1.71E-07	2.94E-08	1.64E-07	9.23E-07
5449	488936.49	3858143.93	1.42E-03	1.46E-03	1.39E-03	4.93E-07	1.49E-06	8.62E-07	8.82E-07	8.00E-07	3.57E-07	3.48E-07	1.65E-08	3.98E-07	8.78E-08	1.20E-07	1.90E-07	3.27E-08	1.82E-07	1.03E-06
5450	488638.08	3858327.45	1.74E-03	1.78E-03	1.70E-03	6.02E-07	1.82E-06	1.05E-06	1.08E-06	9.76E-07	4.35E-07	4.24E-07	2.01E-08	4.86E-07	1.07E-07	1.46E-07	2.32E-07	3.99E-08	2.23E-07	1.25E-06
5451	488663.79	3858349.57	1.79E-03	1.84E-03	1.75E-03	6.21E-07	1.87E-06	1.09E-06	1.11E-06	1.01E-06	4.49E-07	4.38E-07	2.07E-08	5.01E-07	1.10E-07	1.51E-07	2.39E-07	4.12E-08	2.30E-07	1.29E-06
5452	488694.56	3858349.5	1.80E-03	1.84E-03	1.75E-03	6.22E-07	1.88E-06	1.09E-06	1.11E-06	1.01E-06	4.50E-07	4.39E-07	2.08E-08	5.02E-07	1.11E-07	1.51E-07	2.40E-07	4.13E-08	2.30E-07	1.30E-06
5453	488694.35	3858336.75	1.77E-03	1.81E-03	1.72E-03	6.12E-07	1.85E-06	1.07E-06	1.09E-06	9.92E-07	4.42E-07	4.31E-07	2.04E-08	4.93E-07	1.09E-07	1.49E-07	2.36E-07	4.06E-08	2.26E-07	1.27E-06
5454	488712.81	3858336.38	1.77E-03	1.81E-03	1.73E-03	6.13E-07	1.85E-06	1.07E-06	1.10E-06	9.93E-07	4.43E-07	4.32E-07	2.05E-08	4.94E-07	1.09E-07	1.49E-07	2.36E-07	4.06E-08	2.27E-07	1.28E-06
5455	488713.23	3858367.46	1.85E-03	1.89E-03	1.80E-03	6.39E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.62E-07	4.51E-07	2.13E-08	5.16E-07	1.14E-07	1.55E-07	2.46E-07	4.24E-08	2.37E-07	1.33E-06
5456	488704.63	3858384.05	1.89E-03	1.93E-03	1.84E-03	6.54E-07	1.97E-06	1.14E-06	1.17E-06	1.06E-06	4.73E-07	4.61E-07	2.18E-08	5.28E-07	1.16E-07	1.59E-07	2.52E-07	4.34E-08	2.42E-07	1.36E-06
5457	488604.15	3858488.29	2.19E-03	2.24E-03	2.13E-03	7.57E-07	2.29E-06	1.32E-06	1.35E-06	1.23E-06	5.48E-07	5.34E-07	2.53E-08	6.11E-07	1.35E-07	1.84E-07	2.92E-07	5.02E-08	2.80E-07	1.58E-06
5458	488605.66	3858550.47	2.43E-03	2.48E-03	2.37E-03	8.40E-07	2.54E-06	1.47E-06	1.50E-06	1.36E-06	6.08E-07	5.93E-07	2.81E-08	6.78E-07	1.50E-07	2.04E-07	3.24E-07	5.58E-08	3.11E-07	1.75E-06
5459	488692.68	3858548.71	2.51E-03	2.57E-03	2.45E-03	8.68E-07	2.62E-06	1.52E-06	1.55E-06	1.41E-06	6.28E-07	6.12E-07	2.90E-08	7.00E-07	1.55E-07	2.11E-07	3.35E-07	5.76E-08	3.21E-07	1.81E-06
5460	488759.93	3858461.81	2.15E-03	2.20E-03	2.10E-03	7.45E-07	2.25E-06	1.30E-06	1.33E-06	1.21E-06	5.39E-07	5.25E-07	2.49E-08	6.01E-07	1.33E-07	1.81E-07	2.87E-07	4.94E-08	2.76E-07	1.55E-06
5461	488816.57	3858541.79	2.54E-03	2.60E-03	2.47E-03	8.78E-07	2.65E-06	1.53E-06	1.57E-06	1.42E-06	6.35E-07	6.19E-07	2.93E-08	7.08E-07	1.56E-07	2.13E-07	3.38E-07	5.82E-08	3.25E-07	1.83E-06
5462	488944.63	3858656.77	3.44E-03	3.52E-03	3.35E-03	1.19E-06	3.59E-06	2.08E-06	2.13E-06	1.93E-06	8.60E-07	8.38E-07	3.97E-08	9.59E-07	2.12E-07	2.89E-07	4.58E-07	7.89E-08	4.40E-07	2.48E-06
5463	489134.91	3858830.7	1.09E-02	1.12E-02	1.07E-02	3.79E-06	1.14E-05	6.62E-06	6.78E-06	6.15E-06	2.74E-06	2.67E-06	1.27E-07	3.06E-06	6.75E-07	9.21E-07	1.46E-06	2.51E-07	1.40E-06	7.89E-06
5464	489193.99	3858886.05	1.73E-02	1.77E-02	1.69E-02	5.99E-06	1.81E-05	1.05E-05	1.07E-05	9.71E-06	4.33E-06	4.22E-06	2.00E-07	4.83E-06	1.07E-06	1.45E-06	2.31E-06	3.97E-07	2.22E-06	1.25E-05
5465	489295.2	3858954.34	2.30E-02	2.35E-02	2.24E-02	7.95E-06	2.40E-05	1.39E-05	1.42E-05	1.29E-05	5.75E-06	5.61E-06	2.66E-07	6.42E-06	1.42E-06	1.93E-06	3.06E-06	5.28E-07	2.94E-06	1.66E-05
5466	489295.64	3858992.74	2.91E-02	2.98E-02	2.84E-02	1.01E-05	3.05E-05	1.76E-05	1.80E-05	1.64E-05	7.29E-06	7.11E-06	3.37E-07	8.14E-06	1.80E-06	2.45E-06	3.89E-06	6.69E-07	3.73E-06	2.10E-05
5467	489183.74	3858911.72	2.19E-02	2.25E-02	2.14E-02	7.60E-06	2.29E-05	1.33E-05	1.36E-05	1.23E-05	5.49E-06	5.36E-06	2.54E-07	6.13E-06	1.35E-06	1.85E-06	2.93E-06	5.04E-07	2.81E-06	1.58E-05
5468	488873.37	3858625.59	3.13E-03	3.21E-03	3.06E-03	1.08E-06	3.27E-06	1.90E-06	1.94E-06	1.76E-06	7.84E-07	7.65E-07	3.62E-08	8.75E-07	1.93E-07	2.63E-07	4.18E-07	7.20E-08	4.01E-07	2.26E-06
5469	488842.84	3858658.69	3.45E-03	3.53E-03	3.36E-03	1.19E-06	3.60E-06	2.09E-06	2.14E-06	1.94E-06	8.63E-07	8.42E-07	3.99E-08	9.63E-07	2.13E-07	2.90E-07	4.60E-07	7.92E-08	4.42E-07	2.49E-06
5470	488856.39	3858670.93	3.60E-03	3.68E-03	3.51E-03	1.25E-06	3.76E-06	2.18E-06	2.23E-06	2.02E-06	9.01E-07	8.78E-07	4.16E-08	1.00E-06	2.22E-07	3.03E-07	4.80E-07	8.26E-08	4.61E-07	2.59E-06
5471	488805.7	3858724.5	4.35E-03	4.45E-03	4.24E-03	1.50E-06	4.54E-06	2.63E-06	2.69E-06	2.44E-06	1.09E-06	1.06E-06	5.02E-08	1.21E-06	2.68E-07	3.65E-07	5.80E-07	9.98E-08	5.57E-07	3.13E-06
5472	488805.87	3858804.16	6.73E-03	6.89E-03	6.57E-03	2.33E-06	7.04E-06	4.07E-06	4.17E-06	3.78E-06	1.68E-06	1.64E-06	7.78E-08	1.88E-06	4.15E-07	5.66E-07	8.98E-07	1.55E-07	8.62E-07	4.85E-06
5473	488995.78	3858936.96	6.18E-02	6.32E-02	6.03E-02	2.14E-05	6.46E-05	3.74E-05	3.83E-05	3.47E-05	1.55E-05	1.51E-05	7.14E-07	1.73E-05	3.81E-06	5.20E-06	8.24E-06	1.42E-06	7.91E-06	4.45E-05
5474	489130.76	3859017.38	6.93E-02	7.10E-02	6.76E-02	2.40E-05	7.25E-05	4.20E-05	4.29E-05	3.89E-05	1.74E-05	1.69E-05	8.01E-07	1.94E-05	4.27E-06	5.83E-06	9.25E-06	1.59E-06	8.88E-06	5.00E-05
5475	489130.92	3859052.24	6.13E-02	6.27E-02	5.97E-02	2.12E-05	6.40E-05	3.71E-05	3.79E-05	3.44E-05	1.53E-05	1.50E-05	7.08E-07	1.71E-05	3.77E-06	5.15E-06	8.17E-06	1.41E-06	7.85E-06	4.42E-05
5476	489200.33	3859090.6	7.80E-02	7.98E-02	7.60E-02	2.70E-05	8.15E-05	4.72E-05	4.83E-05	4.38E-05	1.95E-05	1.90E-05	9.01E-07	2.18E-05	4.80E-06	6.56E-06	1.04E-05	1.79E-06	9.99E-06	5.62E-05
5477	489296.07	3859143.7	8.40E-02	8.60E-02	8.19E-02	2.91E-05	8.78E-05	5.08E-05	5.20E-05	4.72E-05	2.10E-05	2.05E-05	9.71E-07	2.35E-05	5.18E-06	7.06E-06	1.12E-05	1.93E-06	1.08E-05	6.06E-05
5478	489296.43	3858954.74	2.30E-02	2.35E-02	2.24E-02	7.95E-06	2.40E-05	1.39E-05	1.42E-05	1.29E-05	5.75E-06	5.61E-06	2.66E-07	6.41E-06	1.42E-06	1.93E-06	3.06E-06	5.28E-07	2.94E-06	1.66E-05
5479	489410.33	3859033.19	2.72E-02	2.79E-02	2.66E-02	9.43E-06	2.85E-05	1.65E-05	1.69E-05	1.53E-05	6.82E-06	6.65E-06	3.15E-07	7.61E-06	1.68E-06	2.29E-06	3.63E-06	6.26E-07	3.49E-06	1.96E-05
5480	489371.37	3859089.8	4.19E-02	4.29E-02	4.09E-02	1.45E-05	4.38E-05	2.54E-05	2.60E-05	2.35E-05	1.05E-05	1.02E-05	4.85E-07	1.17E-05	2.58E-06	3.53E-06	5.60E-06	9.63E-07	5.37E-06	3.02E-05
5481	489390.52	3859102.82	4.28E-02	4.38E-02	4.17E-02	1.48E-05	4.47E-05	2.59E-05	2.65E-05	2.40E-05	1.07E-05	1.04E-05	4.95E-07	1.20E-05	2.64E-06	3.60E-06	5.71E-06	9.83E-07	5.48E-06	3.09E-05
5482	489382.3	3859114.53	4.77E-02	4.89E-02	4.66E-02	1.65E-05	4.99E-05	2.89E-05	2.96E-05	2.68E-05	1.19E-05	1.17E-05	5.52E-07	1.33E-05	2.94E-06	4.01E-06	6.37E-06	1.10E-06	6.12E-06	3.44E-05
5483	489363.04	3859102.45	4.70E-02	4.82E-02	4.59E-02	1.63E-05	4.92E-05	2.85E-05	2.91E-05	2.64E-05	1.18E-05	1.15E-05	5.44E-07	1.31E-05	2.90E-06	3.96E-06	6.28E-06	1.08E-06	6.03E-06	3.39E-05
5484	489337.52	3859140.71	7.25E-02	7.42E-02	7.07E-02	2.51E-05	7.58E-05	4.39E-05	4.49E-05	4.07E-05	1.81E-05	1.77E-05	8.38E-07	2.02E-05	4.47E-06	6.09E-06	9.67E-06	1.66E-06	9.28E-06	5.23E-05
5485	489375.14	3859164.55	7.65E-02	7.83E-02	7.46E-02	2.65E-05	8.00E-05	4.63E-05	4.74E-05	4.30E-05	1.92E-05	1.87E-05	8.85E-07	2.14E-05	4.71E-06	6.44E-06	1.02E-05	1.76E-06	9.80E-06	5.52E-05
5486	489409.3	3859114.5	4.34E-02	4.44E-02	4.23E-02	1.50E-05	4.54E-05	2.63E-05	2.69E-05	2.44E-05	1.09E-05	1.06E-05	5.02E-07	1.21E-05	2.67E-06	3.65E-06	5.79E-06	9.97E-07	5.56E-06	3.13E-05
5487	489434.87	3859131.81	4.48E-02	4.58E-02	4.37E-02	1.55E-05	4.68E-05	2.71E-05	2.77E-05	2.51E-05	1.12E-05	1.09E-05	5.17E-07	1.25E-05	2.76E-06	3.76E-06	5.97E-06	1.03E-06	5.73E-06	3.23E-05
5488	489471.87	3859075.75	2.92E-02	2.99E-02	2.85E-02	1.01E-05	3.05E-05	1.77E-05	1.81E-05	1.64E-05	7.30E-06	7.12E-06	3.37E-07	8.15E-06	1.80E-06	2.45E-06	3.89E-06	6.70E-07	3.74E-06	2.10E-05
5489	489602.62	3859164.69	3.34E-02	3.42E-02	3.26E-02	1.16E-05	3.49E-05	2.02E-05	2.07E-05	1.88E-05	8.36E-06	8.16E-06	3.86E-07	9.33E-06	2.06E-06	2.81E-06	4.46E-06	7.68E-07	4.28E-06	2.41E-05
5490	489558.29	3859232.45	5.94E-02	6.08E-02	5.79E-02	2.05E-05	6.20E-05	3.59E-05	3.68E-05	3.33E-05	1.49E-05	1.45E-05	6.86E-07	1.66E-05	3.66E-06	4.99E-06	7.92E-06	1.36E-06	7.60E-06	4.28E-05
5491	489620.11	3859273.56	6.38E-02	6.53E-02	6.23E-02	2.21E-05	6.67E-05	3.86E-05	3.95E-05	3.58E-05	1.60E-05	1.56E-05	7.38E-07	1.78E-05	3.93E-06	5.37E-06	8.51E-06	1.47E-06	8.18E-06	4.60E-05
5492	489666.06	3859206.42	3.53E-02	3.61E-02	3.44E-02	1.22E-05	3.69E-05	2.14E-05	2.19E-05	1.98E-05	8.84E-06	8.62E-06	4.08E-07	9.86E-06	2.18E-06	2.97E-06	4.71E-06	8.11E-07	4.52E-06	2.55E-05
5493	489787.9	3859285.65	3.87E-02	3.96E-02	3.77E-02	1.34E-05	4.04E-05	2.34E-05	2.40E-05	2.17E-05	9.68E-06	9.44E-06	4.47E-07	1.08E-05	2.38E-06	3.25E-06	5.16E-06	8.89E-07	4.96E-06	2.79E-05
5494	489752.17	3859343.13	6.36E-02	6.51E-02	6.21E-02	2.20E-05	6.65E-05	3.85E-05	3.94E-05	3.57E-05	1.59E-05	1.55E-05	7.36E-07	1.78E-05	3.92E-06	5.35E-06	8.49E-06	1.46E-06	8.15E-06	4.59E-05
5495	489814.94	3859385.33	6.86E-02	7.03E-02	6.70E-02	2.38E-05	7.18E-05	4.15E-05	4.25E-05	3.85E-05	1.72E-05	1.68E-05	7.94E-07	1.92E-05	4.23E-06	5.77E-06	9.16E-06	1.58E-06	8.79E-06	4.95E-05
5496	489853.42	3859330.74	4.11E-02	4.21E-02	4.01E-02	1.42E-05	4.29E-05	2.49E-05	2.54E-05	2.31E-05	1.03E-05	1.00E-05	4.75E-07	1.15E-05	2.53E-06	3.45E-06	5.48E-06	9.44E-07	5.26E-06	2.96E-05
5497	489969.5	3859401.91	4.36E-02	4.46E-02	4.25E-02	1.51E-05	4.56E-05	2.64E-05	2.70E-05	2.45E-05	1.09E-05	1.06E-05	5.04E-07	1.22E-05	2.69E-06	3.67E-06	5.82E-06	1.00E-06	5.58E-06	3.14E-05
5498	490166.91	3859486.96	4.05E-02	4.14E-02	3.95E-02	1.40E-05	4.23E-05	2.45E-05	2.51E-05	2.27E-05	1.01E-05	9.88E-06	4.68E-07	1.13E-05	2.49E-06	3.40E-06	5.40E-06	9.30E-07	5.18E-06	2.92E-05
5499	490128.86	3859571.46	9.40E-02	9.63E-02	9.17E-02	3.26E-05	9.83E-05	5.69E-05	5.82E-05	5.28E-05	2.35E-05	2.30E-05	1.09E-06	2.63E-05	5.79E-06	7.91E-06	1.25E-05	2.16E-06	1.20E-05	6.78E-05
5500	490186.65	3859593.65	9.56E-02	9.79E-02	9.33E-02	3.31E-05	9.99E-05	5.79E-05	5.92E-05	5.37E-05	2.39E-05	2.33E-05	1.11E-06	2.67E-05	5.89E-06	8.04E-06	1.28E-05	2.20E-06	1.23E-05	6.89E-05
5501	490223.74	3859517.48	4.19E-02	4.29E-02	4.09E-02	1.45E-05	4.38E-05	2.54E-05	2.60E-05	2.35E-05	1.05E-05	1.02E-05	4.84E-07	1.17E-05	2.58E-06	3.52E-06	5.59E-06	9.62E-07	5.37E-06	3.02E-05
5502	490846.34	3859817.22	6.21E-02	6.35E-02	6.05E-02	2.15E-05	6.49E-05	3.76E-05	3.84E-05	3.48E-05	1.55E-05	1.51E-05	7.17E-07	1.73E-05	3.82E-06	5.22E-06	8.28E-06	1.43E-06	7.95E-06	4.47E-05
5503	490925.65	3859844.59	5.75E-02	5.89E-02	5.61E-02	1.99E-05	6.01E-05	3.48E-05	3.56E-05	3.23E-05	1.44E-05	1.40E-05	6.65E-07	1.61E-05	3.54E-06	4.84E-06	7.67E-06	1.32E-06	7.37E-06	4.15E-05
5504	491159.29	3859896.28	4.18E-02	4.28E-02	4.08E-02	1.45E-05	4.37E-05	2.53E-05	2.59E-05	2.35E-05	1.05E-05	1.02E-05	4.83E-07	1.17E-05	2.57E-06	3.51E-06	5.57E-06	9.60E-07	5.35E-06	3.01E-05
5505	491370.69	3859960.89	3.13E-02	3.21E-02	3.06E-02	1.08E-05	3.27E-05	1.90E-05	1.94E-05	1.76E-05	7.84E-06	7.65E-06	3.62E-07	8.75E-06	1.93E-06	2.63E-06	4.18E-06	7.20E-07	4.01E-06	2.26E-05
5506	491330.28	3860063.17	4.95E-02	5.06E-02	4.82E-02	1.71E-05	5.17E-05	2.99E-05	3.06E-05	2.78E-05	1.24E-05	1.21E-05	5.72E-07	1.38E-05	3.05E-06	4.16E-06	6.60E-06	1.14E-06	6.34E-06	3.57E-05
5507	491636.45	3860180.75	3.14E-02	3.22E-02	3.06E-02	1.09E-05	3.28E-05	1.90E-05	1.95E-05	1.76E-05	7.87E-06	7.67E-06	3.63E-07	8.77E-06	1.94E-06	2.64E-06	4.19E-06	7.22E-07	4.03E-06	2.27E-05
5508	491617.94	3860203.93	3.55E-02	3.63E-02	3.46E-02	1.23E-05	3.71E-05	2.15E-05	2.20E-05	1.99E-05	8.88E-06	8.66E-06	4.10E-07	9.91E-06	2.19E-06	2.98E-06	4.73E-06	8.15E-07	4.55E-06	2.56E-05
5509	491805.68	3860271.59	2.77E-02	2.83E-02	2.70E-02	9.58E-06	2.89E-05	1.67E-05	1.71E-05	1.55E-05	6.92E-06	6.75E-06	3.20E-07	7.72E-06	1.70E-06	2.33E-06	3.69E-06	6.35E-07	3.54E-06	1.99E-05
5510	491654.23	3860414.02	4.81E-02	4.93E-02	4.70E-02	1.67E-05	5.03E-05	2.91E-05	2.98E-05	2.70E-05	1.20E-05	1.18E-05	5.57E-07	1.34E-05	2.97E-06	4.05E-06	6.42E-06	1.11E-06	6.17E-06	3.47E-05
5511	491592.62	3860510.76	1.64E-02	1.68E-02	1.60E-02	5.69E-06	1.72E-05	9.94E-06	1.02E-05	9.23E-06	4.11E-06	4.01E-06	1.90E-07	4.59E-06	1.01E-06	1.38E-06	2.19E-06	3.77E-07	2.11E-06	1.18E-05
5512	491475.41	3860368.93	2.53E-02	2.59E-02	2.47E-02	8.76E-06	2.64E-05	1.53E-05	1.57E-05	1.42E-05	6.33E-06	6.17E-06	2.92E-07	7.06E-06	1.56E-06	2.13E-06	3.37E-06	5.81E-07	3.24E-06	1.82E-05
5513	491445.61	3860337.28	2.77E-02	2.84E-02	2.70E-02	9.59E-06	2.90E-05	1.68E-05	1.72E-05	1.56E-05	6.93E-06	6.76E-06	3.20E-07	7.74E-06	1.71E-06	2.33E-06	3.70E-06	6.36E-07	3.55E-06	2.00E-05
5514	491399.05	3860300.37	2.91E-02	2.97E-02	2.83E-02	1.01E-05	3.04E-05	1.76E-05	1.80E-05	1.63E-05	7.27E-06	7.09E-06	3.36E-07	8.11E-06	1.79E-06	2.44E-06	3.88E-06	6.67E-07	3.72E-06	2.09E-05
5515	491228.84	3860235.98	1.96E-02	2.01E-02	1.92E-02	6.80E-06	2.05E-05	1.19E-05	1.22E-05	1.10E-05	4.92E-06	4.79E-06	2.27E-07	5.48E-06	1.21E-06	1.65E-06	2.62E-06	4.51E-07	2.52E-06	1.42E-05
5516	491228.47	3860174.57	3.10E-02	3.17E-02	3.02E-02	1.07E-05	3.24E-05	1.87E-05	1.92E-05	1.74E-05	7.75E-06	7.56E-06	3.58E-07	8.65E-06	1.91E-06	2.60E-06	4.13E-06	7.11E-07	3.97E-06	2.23E-05
5517	491145.77	3860112.55	3.18E-02	3.26E-02	3.10E-02	1.10E-05	3.33E-05	1.93E-05	1.97E-05	1.79E-05	7.97E-06	7.77E-06	3.68E-07	8.89E-06	1.96E-06	2.68E-06	4.25E-06	7.31E-07	4.08E-06	2.30E-05
5518	490844.41	3859966.22	3.04E-02	3.11E-02	2.96E-02	1.05E-05	3.17E-05	1.84E-05	1.88E-05	1.70E-05	7.60E-06	7.41E-06	3.51E-07	8.47E-06	1.87E-06	2.55E-06	4.05E-06	6.97E-07	3.89E-06	2.19E-05
5519	490845.55	3859928.15	4.83E-02	4.94E-02	4.71E-02	1.67E-05	5.04E-05	2.92E-05	2.99E-05	2.71E-05	1.21E-05	1.18E-05	5.58E-07	1.35E-05	2.97E-06	4.06E-06	6.44E-06	1.11E-06	6.18E-06	3.48E-05
5520	490046.91	3859625.6	3.72E-02	3.81E-02	3.63E-02	1.29E-05	3.89E-05	2.25E-05	2.30E-05	2.09E-05	9.31E-06	9.08E-06	4.30E-07	1.04E-05	2.29E-06	3.13E-06	4.96E-06	8.55E-07	4.77E-06	2.68E-05
5521	489970.48	3859589.4	3.72E-02	3.81E-02	3.63E-02	1.29E-05	3.89E-05	2.25E-05	2.30E-05	2.09E-05	9.31E-06	9.08E-06	4.30E-07	1.04E-05	2.29E-06	3.13E-06	4.96E-06	8.55E-07	4.77E-06	2.68E-05
5522	489865.89	3859529.06	3.96E-02	4.05E-02	3.86E-02	1.37E-05	4.13E-05	2.39E-05	2.45E-05	2.22E-05	9.90E-06	9.66E-06	4.57E-07	1.10E-05	2.44E-06	3.33E-06	5.28E-06	9.09E-07	5.07E-06	2.85E-05
5523	489826.89	3859531.74	3.05E-02	3.12E-02	2.97E-02	1.06E-05	3.19E-05	1.84E-05	1.89E-05	1.71E-05	7.63E-06	7.44E-06	3.52E-07	8.51E-06	1.88E-06	2.56E-06	4.07E-06	7.00E-07	3.90E-06	2.20E-05
5524	489410.47	3859303.06	2.94E-02	3.01E-02	2.86E-02	1.02E-05	3.07E-05	1.78E-05	1.82E-05	1.65E-05	7.35E-06	7.17E-06	3.39E-07	8.20E-06	1.81E-06	2.47E-06	3.92E-06	6.74E-07	3.76E-06	2.12E-05
5525	489407.15	3859286.09	3.46E-02	3.54E-02	3.37E-02	1.20E-05	3.62E-05	2.09E-05	2.14E-05	1.94E-05	8.66E-06	8.44E-06	4.00E-07	9.66E-06	2.13E-06	2.91E-06	4.61E-06	7.94E-07	4.43E-06	2.49E-05
5526	488806.07	3858963.62	1.38E-02	1.42E-02	1.35E-02	4.79E-06	1.45E-05	8.37E-06	8.57E-06	7.77E-06	3.46E-06	3.38E-06	1.60E-07	3.86E-06	8.53E-07	1.16E-06	1.85E-06	3.18E-07	1.77E-06	9.98E-06
5527	488817.64	3859546.3	4.20E-03	4.30E-03	4.09E-03	1.45E-06	4.39E-06	2.54E-06	2.60E-06	2.36E-06	1.05E-06	1.02E-06	4.85E-08	1.17E-06	2.59E-07	3.53E-07	5.60E-07	9.64E-08	5.38E-07	3.03E-06
5528	489187.25	3859549.52	6.56E-03	6.72E-03	6.40E-03	2.27E-06	6.86E-06	3.97E-06	4.06E-06	3.68E-06	1.64E-06	1.60E-06	7.58E-08	1.83E-06	4.04E-07	5.52E-07	8.75E-07	1.51E-07	8.40E-07	4.73E-06
5529	489187.66	3859523.74	6.92E-03	7.08E-03	6.74E-03	2.39E-06	7.23E-06	4.18E-06	4.28E-06	3.88E-06	1.73E-06	1.69E-06	7.99E-08	1.93E-06	4.26E-07	5.82E-07	9.23E-07	1.59E-07	8.86E-07	4.99E-06
5530	489232.59	3859522.85	7.43E-03	7.61E-03	7.25E-03	2.57E-06	7.77E-06	4.50E-06	4.60E-06	4.17E-06	1.86E-06	1.81E-06	8.59E-08	2.08E-06	4.58E-07	6.25E-07	9.92E-07	1.71E-07	9.52E-07	5.36E-06
5531	489224.98	3859759.91	4.82E-03	4.93E-03	4.70E-03	1.67E-06	5.03E-06	2.91E-06	2.98E-06	2.70E-06	1.21E-06	1.18E-06	5.57E-08	1.34E-06	2.97E-07	4.05E-07	6.42E-07	1.11E-07	6.17E-07	3.47E-06
5532	488401.39	3859763.34	2.31E-03	2.37E-03	2.26E-03	8.01E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.79E-07	5.65E-07	2.67E-08	6.46E-07	1.43E-07	1.95E-07	3.09E-07	5.31E-08	2.96E-07	1.67E-06
5533	488405.51	3859966.16	2.06E-03	2.11E-03	2.01E-03	7.13E-07	2.15E-06	1.25E-06	1.28E-06	1.16E-06	5.16E-07	5.03E-07	2.38E-08	5.75E-07	1.27E-07	1.73E-07	2.75E-07	4.73E-08	2.64E-07	1.49E-06
5534	489202.85	3859956.57	3.70E-03	3.78E-03	3.60E-03	1.28E-06	3.86E-06	2.24E-06	2.29E-06	2.08E-06	9.25E-07	9.02E-07	4.27E-08	1.03E-06	2.28E-07	3.11E-07	4.93E-07	8.49E-08	4.73E-07	2.66E-06
5535	489191.9	3860676.74	1.90E-03	1.95E-03	1.85E-03	6.58E-07	1.99E-06	1.15E-06	1.18E-06	1.07E-06	4.76E-07	4.64E-07	2.20E-08	5.31E-07	1.17E-07	1.60E-07	2.53E-07	4.36E-08	2.43E-07	1.37E-06
5536	488392.82	3860687.88	1.40E-03	1.43E-03	1.37E-03	4.85E-07	1.47E-06	8.48E-07	8.68E-07	7.87E-07	3.51E-07	3.42E-07	1.62E-08	3.91E-07	8.64E-08	1.18E-07	1.87E-07	3.22E-08	1.80E-07	1.01E-06
5537	488392.82	3860760.27	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.24E-07	8.43E-07	7.65E-07	3.41E-07	3.32E-07	1.57E-08	3.80E-07	8.39E-08	1.15E-07	1.82E-07	3.13E-08	1.74E-07	9.82E-07
5538	487549.05	3860777.45	9.80E-04	1.00E-03	9.56E-04	3.39E-07	1.02E-06	5.93E-07	6.07E-07	5.50E-07	2.45E-07	2.39E-07	1.13E-08	2.74E-07	6.04E-08	8.25E-08	1.31E-07	2.25E-08	1.26E-07	7.07E-07
5539	487554.62	3859571.83	1.39E-03	1.42E-03	1.36E-03	4.82E-07	1.45E-06	8.42E-07	8.62E-07	7.81E-07	3.48E-07	3.40E-07	1.61E-08	3.89E-07	8.57E-08	1.17E-07	1.86E-07	3.20E-08	1.78E-07	1.00E-06
5540	485949.46	3859558.54	7.29E-04	7.46E-04	7.11E-04	2.52E-07	7.62E-07	4.41E-07	4.51E-07	4.09E-07	1.82E-07	1.78E-07	8.43E-09	2.04E-07	4.49E-08	6.13E-08	9.72E-08	1.67E-08	9.34E-08	5.26E-07
5541	485947.55	3857943.61	7.36E-04	7.54E-04	7.18E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.13E-07	1.84E-07	1.80E-07	8.51E-09	2.06E-07	4.54E-08	6.19E-08	9.82E-08	1.69E-08	9.43E-08	5.31E-07
5542	484738.38	3857940.21	6.55E-04	6.71E-04	6.39E-04	2.27E-07	6.85E-07	3.96E-07	4.06E-07	3.68E-07	1.64E-07	1.60E-07	7.57E-09	1.83E-07	4.04E-08	5.51E-08	8.74E-08	1.50E-08	8.39E-08	4.72E-07
5543	484737.06	3857535.68	6.52E-04	6.67E-04	6.36E-04	2.26E-07	6.81E-07	3.95E-07	4.04E-07	3.66E-07	1.63E-07	1.59E-07	7.54E-09	1.82E-07	4.02E-08	5.48E-08	8.70E-08	1.50E-08	8.35E-08	4.70E-07
5544	483730.2	3857530.13	6.29E-04	6.43E-04	6.13E-04	2.18E-07	6.57E-07	3.80E-07	3.89E-07	3.53E-07	1.57E-07	1.53E-07	7.27E-09	1.76E-07	3.87E-08	5.29E-08	8.39E-08	1.44E-08	8.05E-08	4.53E-07
5545	483727.27	3857130.01	6.48E-04	6.63E-04	6.32E-04	2.24E-07	6.77E-07	3.92E-07	4.01E-07	3.64E-07	1.62E-07	1.58E-07	7.49E-09	1.81E-07	3.99E-08	5.45E-08	8.64E-08	1.49E-08	8.30E-08	4.67E-07
5546	483124.42	3857123.45	6.35E-04	6.50E-04	6.19E-04	2.20E-07	6.64E-07	3.84E-07	3.93E-07	3.56E-07	1.59E-07	1.55E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.47E-08	1.46E-08	8.13E-08	4.58E-07
5547	483111.13	3855921.03	8.30E-04	8.50E-04	8.10E-04	2.87E-07	8.68E-07	5.02E-07	5.14E-07	4.66E-07	2.08E-07	2.03E-07	9.60E-09	2.32E-07	5.12E-08	6.98E-08	1.11E-07	1.91E-08	1.06E-07	5.99E-07
5548	482701.73	3855918.24	8.23E-04	8.43E-04	8.03E-04	2.85E-07	8.60E-07	4.98E-07	5.10E-07	4.62E-07	2.06E-07	2.01E-07	9.51E-09	2.30E-07	5.07E-08	6.92E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07

5549	482668.02	3853521.78	8.29E-03	8.48E-03	8.08E-03	2.87E-06	8.66E-06	5.02E-06	5.13E-06	4.65E-06	2.07E-06	2.02E-06	9.58E-08	2.31E-06	5.11E-07	6.97E-07	1.11E-06	1.90E-07	1.06E-06	5.98E-06
5550	482579.91	3853219.19	1.66E-02	1.70E-02	1.62E-02	5.75E-06	1.74E-05	1.01E-05	1.03E-05	9.33E-06	4.16E-06	4.05E-06	1.92E-07	4.64E-06	1.02E-06	1.40E-06	2.22E-06	3.81E-07	2.13E-06	1.20E-05
5551	482434.06	3852961.94	2.28E-02	2.33E-02	2.22E-02	7.88E-06	2.38E-05	1.38E-05	1.41E-05	1.28E-05	5.70E-06	5.56E-06	2.63E-07	6.36E-06	1.40E-06	1.91E-06	3.04E-06	5.23E-07	2.92E-06	1.64E-05
5552	482332.11	3852832.85	2.63E-02	2.69E-02	2.56E-02	9.10E-06	2.75E-05	1.59E-05	1.63E-05	1.48E-05	6.58E-06	6.42E-06	3.04E-07	7.34E-06	1.62E-06	2.21E-06	3.51E-06	6.04E-07	3.37E-06	1.90E-05
5553	481334.99	3851818.96	2.63E-02	2.70E-02	2.57E-02	9.12E-06	2.75E-05	1.59E-05	1.63E-05	1.48E-05	6.59E-06	6.43E-06	3.04E-07	7.35E-06	1.62E-06	2.21E-06	3.51E-06	6.05E-07	3.37E-06	1.90E-05
5554	481127.62	3851646.36	2.78E-02	2.84E-02	2.71E-02	9.61E-06	2.90E-05	1.68E-05	1.72E-05	1.56E-05	6.95E-06	6.77E-06	3.21E-07	7.75E-06	1.71E-06	2.33E-06	3.70E-06	6.37E-07	3.56E-06	2.00E-05
5555	481025.04	3851591.73	2.59E-02	2.66E-02	2.53E-02	8.98E-06	2.71E-05	1.57E-05	1.61E-05	1.46E-05	6.49E-06	6.33E-06	3.00E-07	7.24E-06	1.60E-06	2.18E-06	3.46E-06	5.96E-07	3.32E-06	1.87E-05
5556	480513.6	3851335.76	2.60E-02	2.66E-02	2.54E-02	9.00E-06	2.72E-05	1.57E-05	1.61E-05	1.46E-05	6.51E-06	6.34E-06	3.00E-07	7.26E-06	1.60E-06	2.19E-06	3.47E-06	5.97E-07	3.33E-06	1.87E-05
5557	480523.56	3851317.66	3.05E-02	3.13E-02	2.98E-02	1.06E-05	3.19E-05	1.85E-05	1.89E-05	1.71E-05	7.64E-06	7.45E-06	3.53E-07	8.53E-06	1.88E-06	2.57E-06	4.07E-06	7.01E-07	3.91E-06	2.20E-05
5558	476921.56	3849569.11	3.23E-02	3.31E-02	3.15E-02	1.12E-05	3.38E-05	1.96E-05	2.00E-05	1.81E-05	8.09E-06	7.89E-06	3.74E-07	9.02E-06	1.99E-06	2.72E-06	4.31E-06	7.42E-07	4.14E-06	2.33E-05
5559	476521.19	3849373.96	4.30E-02	4.41E-02	4.20E-02	1.49E-05	4.50E-05	2.60E-05	2.67E-05	2.42E-05	1.08E-05	1.05E-05	4.97E-07	1.20E-05	2.65E-06	3.62E-06	5.74E-06	9.88E-07	5.51E-06	3.10E-05
5560	476391.45	3849333.38	4.41E-02	4.51E-02	4.30E-02	1.53E-05	4.61E-05	2.67E-05	2.73E-05	2.48E-05	1.10E-05	1.08E-05	5.10E-07	1.23E-05	2.72E-06	3.71E-06	5.88E-06	1.01E-06	5.65E-06	3.18E-05
5561	476219.41	3849304.29	4.21E-02	4.31E-02	4.11E-02	1.46E-05	4.40E-05	2.55E-05	2.61E-05	2.36E-05	1.05E-05	1.03E-05	4.87E-07	1.18E-05	2.59E-06	3.54E-06	5.62E-06	9.67E-07	5.39E-06	3.04E-05
5562	475679.11	3849218.47	3.71E-02	3.79E-02	3.62E-02	1.28E-05	3.87E-05	2.24E-05	2.30E-05	2.08E-05	9.28E-06	9.05E-06	4.29E-07	1.04E-05	2.28E-06	3.12E-06	4.95E-06	8.52E-07	4.75E-06	2.67E-05
5563	475677.71	3849233.88	3.06E-02	3.13E-02	2.98E-02	1.06E-05	3.20E-05	1.85E-05	1.89E-05	1.72E-05	7.66E-06	7.47E-06	3.54E-07	8.54E-06	1.88E-06	2.57E-06	4.08E-06	7.03E-07	3.92E-06	2.21E-05
5564	475492.74	3849204.66	1.95E-02	1.99E-02	1.90E-02	6.74E-06	2.03E-05	1.18E-05	1.21E-05	1.09E-05	4.87E-06	4.75E-06	2.25E-07	5.43E-06	1.20E-06	1.64E-06	2.60E-06	4.47E-07	2.49E-06	1.40E-05
5565	475497.64	3849158.75	4.75E-02	4.86E-02	4.63E-02	1.64E-05	4.96E-05	2.87E-05	2.94E-05	2.67E-05	1.19E-05	1.16E-05	5.49E-07	1.33E-05	2.93E-06	3.99E-06	6.34E-06	1.09E-06	6.09E-06	3.42E-05
5566	475391.35	3849141.94	3.24E-02	3.32E-02	3.16E-02	1.12E-05	3.39E-05	1.96E-05	2.01E-05	1.82E-05	8.12E-06	7.92E-06	3.75E-07	9.06E-06	2.00E-06	2.73E-06	4.33E-06	7.45E-07	4.16E-06	2.34E-05
5567	475277	3849095.47	2.80E-02	2.86E-02	2.73E-02	9.68E-06	2.92E-05	1.69E-05	1.73E-05	1.57E-05	7.00E-06	6.83E-06	3.23E-07	7.81E-06	1.72E-06	2.35E-06	3.73E-06	6.42E-07	3.58E-06	2.02E-05
5568	475183.93	3849025.66	3.22E-02	3.30E-02	3.14E-02	1.11E-05	3.37E-05	1.95E-05	1.99E-05	1.81E-05	8.06E-06	7.86E-06	3.72E-07	8.99E-06	1.98E-06	2.71E-06	4.30E-06	7.40E-07	4.13E-06	2.32E-05
5569	474453.23	3848378.77	3.67E-02	3.76E-02	3.58E-02	1.27E-05	3.84E-05	2.22E-05	2.27E-05	2.06E-05	9.19E-06	8.96E-06	4.24E-07	1.02E-05	2.26E-06	3.09E-06	4.90E-06	8.43E-07	4.70E-06	2.65E-05
5570	474569.63	3848399.34	7.01E-02	7.18E-02	6.84E-02	2.43E-05	7.33E-05	4.24E-05	4.34E-05	3.94E-05	1.75E-05	1.71E-05	8.11E-07	1.96E-05	4.32E-06	5.90E-06	9.35E-06	1.61E-06	8.98E-06	5.06E-05
5571	474644.33	3848464.52	6.48E-02	6.63E-02	6.32E-02	2.24E-05	6.77E-05	3.92E-05	4.01E-05	3.64E-05	1.62E-05	1.58E-05	7.49E-07	1.81E-05	3.99E-06	5.45E-06	8.64E-06	1.49E-06	8.30E-06	4.67E-05
5572	474719.04	3848529.7	8.44E-02	8.64E-02	8.23E-02	2.92E-05	8.82E-05	5.11E-05	5.23E-05	4.74E-05	2.11E-05	2.06E-05	9.75E-07	2.36E-05	5.20E-06	7.10E-06	1.13E-05	1.94E-06	1.08E-05	6.08E-05
5573	474793.74	3848594.88	7.21E-02	7.38E-02	7.04E-02	2.50E-05	7.54E-05	4.36E-05	4.47E-05	4.05E-05	1.81E-05	1.76E-05	8.34E-07	2.01E-05	4.44E-06	6.07E-06	9.62E-06	1.66E-06	9.24E-06	5.20E-05
5574	474868.45	3848660.07	8.35E-02	8.55E-02	8.14E-02	2.89E-05	8.73E-05	5.05E-05	5.17E-05	4.69E-05	2.09E-05	2.04E-05	9.65E-07	2.33E-05	5.14E-06	7.02E-06	1.11E-05	1.92E-06	1.07E-05	6.02E-05
5575	474943.15	3848725.25	8.32E-02	8.52E-02	8.12E-02	2.88E-05	8.70E-05	5.04E-05	5.16E-05	4.67E-05	2.08E-05	2.03E-05	9.62E-07	2.32E-05	5.13E-06	7.00E-06	1.11E-05	1.91E-06	1.07E-05	6.00E-05
5576	475017.86	3848790.43	8.39E-02	8.59E-02	8.18E-02	2.90E-05	8.77E-05	5.08E-05	5.20E-05	4.71E-05	2.10E-05	2.05E-05	9.70E-07	2.34E-05	5.17E-06	7.05E-06	1.12E-05	1.93E-06	1.07E-05	6.05E-05
5577	475092.56	3848855.61	8.39E-02	8.58E-02	8.18E-02	2.90E-05	8.76E-05	5.07E-05	5.19E-05	4.71E-05	2.10E-05	2.05E-05	9.69E-07	2.34E-05	5.17E-06	7.05E-06	1.12E-05	1.93E-06	1.07E-05	6.05E-05
5578	475232.58	3848959.38	8.08E-02	8.27E-02	7.88E-02	2.80E-05	8.45E-05	4.89E-05	5.00E-05	4.54E-05	2.02E-05	1.97E-05	9.34E-07	2.26E-05	4.98E-06	6.80E-06	1.08E-05	1.86E-06	1.04E-05	5.83E-05
5579	475368.47	3849029.98	8.26E-02	8.46E-02	8.06E-02	2.86E-05	8.64E-05	5.00E-05	5.12E-05	4.64E-05	2.07E-05	2.02E-05	9.55E-07	2.31E-05	5.09E-06	6.95E-06	1.10E-05	1.90E-06	1.06E-05	5.96E-05
5580	475609.57	3849096.09	6.96E-02	7.12E-02	6.79E-02	2.41E-05	7.27E-05	4.21E-05	4.31E-05	3.91E-05	1.74E-05	1.70E-05	8.05E-07	1.94E-05	4.29E-06	5.85E-06	9.28E-06	1.60E-06	8.92E-06	5.02E-05
5581	475680.68	3849116.62	7.71E-02	7.89E-02	7.52E-02	2.67E-05	8.05E-05	4.66E-05	4.77E-05	4.33E-05	1.93E-05	1.88E-05	8.91E-07	2.15E-05	4.75E-06	6.48E-06	1.03E-05	1.77E-06	9.87E-06	5.56E-05
5582	475843.76	3849151.52	9.22E-02	9.44E-02	8.99E-02	3.19E-05	9.64E-05	5.58E-05	5.71E-05	5.18E-05	2.31E-05	2.25E-05	1.07E-06	2.57E-05	5.68E-06	7.75E-06	1.23E-05	2.12E-06	1.18E-05	6.65E-05
5583	475935.73	3849165.89	8.84E-02	9.04E-02	8.62E-02	3.06E-05	9.23E-05	5.35E-05	5.47E-05	4.96E-05	2.21E-05	2.16E-05	1.02E-06	2.47E-05	5.44E-06	7.43E-06	1.18E-05	2.03E-06	1.13E-05	6.37E-05
5584	476027.71	3849180.27	8.96E-02	9.17E-02	8.73E-02	3.10E-05	9.36E-05	5.42E-05	5.55E-05	5.03E-05	2.24E-05	2.19E-05	1.04E-06	2.50E-05	5.52E-06	7.53E-06	1.19E-05	2.06E-06	1.15E-05	6.46E-05
5585	476119.68	3849194.64	1.01E-01	1.03E-01	9.85E-02	3.50E-05	1.06E-04	6.11E-05	6.25E-05	5.67E-05	2.53E-05	2.46E-05	1.17E-06	2.82E-05	6.22E-06	8.49E-06	1.35E-05	2.32E-06	1.29E-05	7.28E-05
5586	476211.65	3849209.01	1.05E-01	1.08E-01	1.02E-01	3.64E-05	1.10E-04	6.36E-05	6.51E-05	5.90E-05	2.63E-05	2.56E-05	1.21E-06	2.93E-05	6.47E-06	8.83E-06	1.40E-05	2.41E-06	1.35E-05	7.57E-05
5587	476497.81	3849283.9	9.79E-02	1.00E-01	9.55E-02	3.39E-05	1.02E-04	5.92E-05	6.06E-05	5.49E-05	2.45E-05	2.39E-05	1.13E-06	2.73E-05	6.03E-06	8.23E-06	1.31E-05	2.25E-06	1.25E-05	7.06E-05
5588	476603.73	3849323.77	1.04E-01	1.07E-01	1.02E-01	3.62E-05	1.09E-04	6.32E-05	6.47E-05	5.86E-05	2.61E-05	2.55E-05	1.21E-06	2.92E-05	6.44E-06	8.78E-06	1.39E-05	2.40E-06	1.34E-05	7.53E-05
5589	476728.99	3849382.76	8.14E-02	8.33E-02	7.94E-02	2.82E-05	8.51E-05	4.92E-05	5.04E-05	4.57E-05	2.04E-05	1.99E-05	9.41E-07	2.27E-05	5.01E-06	6.84E-06	1.09E-05	1.87E-06	1.04E-05	5.87E-05
5590	476801.27	3849418.65	8.55E-02	8.75E-02	8.34E-02	2.96E-05	8.93E-05	5.17E-05	5.29E-05	4.80E-05	2.14E-05	2.09E-05	9.88E-07	2.39E-05	5.27E-06	7.19E-06	1.14E-05	1.96E-06	1.09E-05	6.16E-05
5591	476956.2	3849495.05	9.28E-02	9.50E-02	9.05E-02	3.21E-05	9.70E-05	5.62E-05	5.75E-05	5.21E-05	2.32E-05	2.27E-05	1.07E-06	2.59E-05	5.72E-06	7.81E-06	1.24E-05	2.13E-06	1.19E-05	6.69E-05
5592	477038.84	3849535.56	8.71E-02	8.92E-02	8.50E-02	3.02E-05	9.11E-05	5.27E-05	5.40E-05	4.89E-05	2.18E-05	2.13E-05	1.01E-06	2.43E-05	5.37E-06	7.33E-06	1.16E-05	2.00E-06	1.12E-05	6.28E-05
5593	477121.49	3849576.08	8.55E-02	8.75E-02	8.34E-02	2.96E-05	8.94E-05	5.17E-05	5.30E-05	4.80E-05	2.14E-05	2.09E-05	9.88E-07	2.39E-05	5.27E-06	7.19E-06	1.14E-05	1.96E-06	1.10E-05	6.16E-05
5594	477204.13	3849616.6	8.32E-02	8.52E-02	8.12E-02	2.88E-05	8.70E-05	5.04E-05	5.15E-05	4.67E-05	2.08E-05	2.03E-05	9.62E-07	2.32E-05	5.13E-06	7.00E-06	1.11E-05	1.91E-06	1.07E-05	6.00E-05
5595	477286.78	3849657.12	7.77E-02	7.96E-02	7.58E-02	2.69E-05	8.12E-05	4.70E-05	4.81E-05	4.36E-05	1.95E-05	1.90E-05	8.98E-07	2.17E-05	4.79E-06	6.54E-06	1.04E-05	1.79E-06	9.96E-06	5.60E-05
5596	477369.42	3849697.63	7.55E-02	7.73E-02	7.37E-02	2.61E-05	7.89E-05	4.57E-05	4.68E-05	4.24E-05	1.89E-05	1.84E-05	8.73E-07	2.11E-05	4.65E-06	6.35E-06	1.01E-05	1.73E-06	9.68E-06	5.45E-05
5597	477452.07	3849738.15	7.69E-02	7.87E-02	7.50E-02	2.66E-05	8.04E-05	4.65E-05	4.76E-05	4.32E-05	1.92E-05	1.88E-05	8.89E-07	2.15E-05	4.74E-06	6.47E-06	1.03E-05	1.77E-06	9.85E-06	5.54E-05
5598	477534.71	3849778.67	7.36E-02	7.54E-02	7.18E-02	2.55E-05	7.70E-05	4.46E-05	4.56E-05	4.13E-05	1.84E-05	1.80E-05	8.51E-07	2.06E-05	4.54E-06	6.19E-06	9.82E-06	1.69E-06	9.43E-06	5.31E-05
5599	477617.36	3849819.18	7.32E-02	7.50E-02	7.14E-02	2.54E-05	7.66E-05	4.43E-05	4.54E-05	4.11E-05	1.83E-05	1.79E-05	8.47E-07	2.05E-05	4.51E-06	6.16E-06	9.77E-06	1.68E-06	9.38E-06	5.28E-05
5600	477824.74	3849896.37	9.22E-02	9.44E-02	8.99E-02	3.19E-05	9.64E-05	5.58E-05	5.71E-05	5.18E-05	2.31E-05	2.25E-05	1.07E-06	2.57E-05	5.68E-06	7.75E-06	1.23E-05	2.12E-06	1.18E-05	6.65E-05
5601	477906.31	3849936.37	9.87E-02	1.01E-01	9.63E-02	3.42E-05	1.03E-04	5.97E-05	6.11E-05	5.54E-05	2.47E-05	2.41E-05	1.14E-06	2.76E-05	6.08E-06	8.30E-06	1.32E-05	2.27E-06	1.26E-05	7.12E-05
5602	477987.89	3849976.36	9.59E-02	9.82E-02	9.36E-02	3.32E-05	1.00E-04	5.80E-05	5.94E-05	5.39E-05	2.40E-05	2.34E-05	1.11E-06	2.68E-05	5.91E-06	8.07E-06	1.28E-05	2.20E-06	1.23E-05	6.92E-05
5603	478069.47	3850016.36	9.98E-02	1.02E-01	9.73E-02	3.45E-05	1.04E-04	6.04E-05	6.18E-05	5.60E-05	2.50E-05	2.44E-05	1.15E-06	2.79E-05	6.15E-06	8.39E-06	1.33E-05	2.29E-06	1.28E-05	7.19E-05
5604	478151.04	3850056.35	8.92E-02	9.13E-02	8.70E-02	3.09E-05	9.32E-05	5.40E-05	5.52E-05	5.01E-05	2.23E-05	2.18E-05	1.03E-06	2.49E-05	5.49E-06	7.50E-06	1.19E-05	2.05E-06	1.14E-05	6.43E-05
5605	478232.62	3850096.35	8.96E-02	9.17E-02	8.74E-02	3.10E-05	9.37E-05	5.42E-05	5.55E-05	5.03E-05	2.24E-05	2.19E-05	1.04E-06	2.50E-05	5.52E-06	7.54E-06	1.20E-05	2.06E-06	1.15E-05	6.46E-05
5606	478314.2	3850136.34	8.94E-02	9.15E-02	8.72E-02	3.09E-05	9.34E-05	5.41E-05	5.53E-05	5.02E-05	2.24E-05	2.18E-05	1.03E-06	2.50E-05	5.51E-06	7.51E-06	1.19E-05	2.05E-06	1.14E-05	6.44E-05
5607	478395.77	3850176.34	8.88E-02	9.09E-02	8.66E-02	3.07E-05	9.28E-05	5.37E-05	5.50E-05	4.98E-05	2.22E-05	2.17E-05	1.03E-06	2.48E-05	5.47E-06	7.47E-06	1.18E-05	2.04E-06	1.14E-05	6.40E-05
5608	478575.43	3850244.45	8.14E-02	8.33E-02	7.94E-02	2.82E-05	8.51E-05	4.92E-05	5.04E-05	4.57E-05	2.04E-05	1.99E-05	9.41E-07	2.27E-05	5.01E-06	6.84E-06	1.09E-05	1.87E-06	1.04E-05	5.87E-05
5609	478665.06	3850287.29	8.08E-02	8.27E-02	7.88E-02	2.80E-05	8.45E-05	4.89E-05	5.01E-05	4.54E-05	2.02E-05	1.97E-05	9.34E-07	2.26E-05	4.98E-06	6.80E-06	1.08E-05	1.86E-06	1.04E-05	5.83E-05
5610	478754.69	3850330.14	8.00E-02	8.19E-02	7.81E-02	2.77E-05	8.37E-05	4.84E-05	4.96E-05	4.49E-05	2.00E-05	1.95E-05	9.25E-07	2.24E-05	4.93E-06	6.73E-06	1.07E-05	1.84E-06	1.03E-05	5.77E-05
5611	478844.32	3850372.99	7.82E-02	8.01E-02	7.63E-02	2.71E-05	8.17E-05	4.73E-05	4.84E-05	4.39E-05	1.96E-05	1.91E-05	9.04E-07	2.18E-05	4.82E-06	6.58E-06	1.04E-05	1.80E-06	1.00E-05	5.64E-05
5612	478933.95	3850415.84	7.56E-02	7.74E-02	7.37E-02	2.62E-05	7.90E-05	4.58E-05	4.68E-05	4.25E-05	1.89E-05	1.85E-05	8.74E-07	2.11E-05	4.66E-06	6.36E-06	1.01E-05	1.74E-06	9.69E-06	5.45E-05
5613	479023.58	3850458.68	7.84E-02	8.02E-02	7.64E-02	2.71E-05	8.19E-05	4.74E-05	4.85E-05	4.40E-05	1.96E-05	1.91E-05	9.06E-07	2.19E-05	4.83E-06	6.59E-06	1.05E-05	1.80E-06	1.00E-05	5.65E-05
5614	479110.66	3850441.91	4.96E-02	5.08E-02	4.84E-02	1.72E-05	5.18E-05	3.00E-05	3.07E-05	2.78E-05	1.24E-05	1.21E-05	5.73E-07	1.38E-05	3.06E-06	4.17E-06	6.62E-06	1.14E-06	6.35E-06	3.58E-05
5615	479191.22	3850423.99	3.78E-02	3.87E-02	3.69E-02	1.31E-05	3.95E-05	2.29E-05	2.34E-05	2.12E-05	9.46E-06	9.22E-06	4.37E-07	1.06E-05	2.33E-06	3.18E-06	5.04E-06	8.68E-07	4.84E-06	2.72E-05
5616	479274.32	3850465.71	3.84E-02	3.93E-02	3.74E-02	1.33E-05	4.01E-05	2.32E-05	2.38E-05	2.16E-05	9.61E-06	9.37E-06	4.44E-07	1.07E-05	2.37E-06	3.23E-06	5.12E-06	8.82E-07	4.92E-06	2.77E-05
5617	479357.43	3850507.42	3.92E-02	4.01E-02	3.82E-02	1.36E-05	4.10E-05	2.37E-05	2.43E-05	2.20E-05	9.81E-06	9.57E-06	4.53E-07	1.09E-05	2.42E-06	3.30E-06	5.23E-06	9.00E-07	5.02E-06	2.83E-05
5618	479440.53	3850549.14	3.94E-02	4.03E-02	3.84E-02	1.36E-05	4.12E-05	2.38E-05	2.44E-05	2.21E-05	9.86E-06	9.62E-06	4.55E-07	1.10E-05	2.43E-06	3.31E-06	5.26E-06	9.05E-07	5.05E-06	2.84E-05
5619	479523.64	3850590.85	3.95E-02	4.04E-02	3.85E-02	1.37E-05	4.13E-05	2.39E-05	2.45E-05	2.22E-05	9.88E-06	9.64E-06	4.57E-07	1.10E-05	2.43E-06	3.32E-06	5.27E-06	9.07E-07	5.06E-06	2.85E-05
5620	479606.74	3850632.57	3.98E-02	4.07E-02	3.88E-02	1.38E-05	4.16E-05	2.41E-05	2.46E-05	2.23E-05	9.96E-06	9.71E-06	4.60E-07	1.11E-05	2.45E-06	3.35E-06	5.31E-06	9.14E-07	5.10E-06	2.87E-05
5621	479777.37	3850707.61	3.83E-02	3.92E-02	3.74E-02	1.33E-05	4.00E-05	2.32E-05	2.37E-05	2.15E-05	9.59E-06	9.35E-06	4.43E-07	1.07E-05	2.36E-06	3.22E-06	5.11E-06	8.80E-07	4.91E-06	2.76E-05
5622	479864.9	3850740.95	3.70E-02	3.79E-02	3.61E-02	1.28E-05	3.87E-05	2.24E-05	2.29E-05	2.08E-05	9.26E-06	9.03E-06	4.28E-07	1.03E-05	2.28E-06	3.11E-06	4.94E-06	8.50E-07	4.74E-06	2.67E-05
5623	479931.87	3850829.57	4.83E-02	4.95E-02	4.71E-02	1.67E-05	5.05E-05	2.92E-05	2.99E-05	2.71E-05	1.21E-05	1.18E-05	5.59E-07	1.35E-05	2.98E-06	4.06E-06	6.45E-06	1.11E-06	6.19E-06	3.48E-05
5624	479995.55	3850926.75	7.72E-02	7.90E-02	7.53E-02	2.67E-05	8.06E-05	4.67E-05	4.78E-05	4.33E-05	1.93E-05	1.88E-05	8.92E-07	2.15E-05	4.75E-06	6.49E-06	1.03E-05	1.77E-06	9.88E-06	5.56E-05
5625	480079.78	3850968.64	7.70E-02	7.88E-02	7.51E-02	2.67E-05	8.05E-05	4.66E-05	4.77E-05	4.32E-05	1.93E-05	1.88E-05	8.90E-07	2.15E-05	4.75E-06	6.48E-06	1.03E-05	1.77E-06	9.87E-06	5.55E-05
5626	480164.01	3851010.54	7.67E-02	7.85E-02	7.48E-02	2.65E-05	8.02E-05	4.64E-05	4.75E-05	4.31E-05	1.92E-05	1.87E-05	8.86E-07	2.14E-05	4.72E-06	6.45E-06	1.02E-05	1.76E-06	9.82E-06	5.53E-05
5627	480248.23	3851052.43	7.59E-02	7.77E-02	7.40E-02	2.63E-05	7.93E-05	4.59E-05	4.70E-05	4.26E-05	1.90E-05	1.85E-05	8.77E-07	2.12E-05	4.67E-06	6.38E-06	1.01E-05	1.74E-06	9.72E-06	5.47E-05
5628	480332.46	3851094.33	7.68E-02	7.86E-02	7.49E-02	2.66E-05	8.03E-05	4.65E-05	4.76E-05	4.31E-05	1.92E-05	1.87E-05	8.88E-07	2.14E-05	4.73E-06	6.46E-06	1.02E-05	1.76E-06	9.84E-06	5.54E-05
5629	480416.69	3851136.22	8.07E-02	8.26E-02	7.87E-02	2.79E-05	8.44E-05	4.89E-05	5.00E-05	4.53E-05	2.02E-05	1.97E-05	9.33E-07	2.25E-05	4.97E-06	6.79E-06	1.08E-05	1.85E-06	1.03E-05	5.82E-05
5630	480579.95	3851215.17	8.24E-02	8.44E-02	8.04E-02	2.85E-05	8.62E-05	4.99E-05	5.11E-05	4.63E-05	2.06E-05	2.01E-05	9.53E-07	2.30E-05	5.08E-06	6.93E-06	1.10E-05	1.89E-06	1.06E-05	5.94E-05
5631	480658.98	3851252.22	8.16E-02	8.35E-02	7.96E-02	2.83E-05	8.53E-05	4.94E-05	5.06E-05	4.58E-05	2.04E-05	1.99E-05	9.43E-07	2.28E-05	5.03E-06	6.86E-06	1.09E-05	1.87E-06	1.05E-05	5.88E-05
5632	480817.36	3851327.85	8.06E-02	8.25E-02	7.87E-02	2.79E-05	8.43E-05	4.88E-05	4.99E-05	4.53E-05	2.02E-05	1.97E-05	9.32E-07	2.25E-05	4.97E-06	6.78E-06	1.08E-05	1.85E-06	1.03E-05	5.81E-05
5633	480896.72	3851366.43	8.11E-02	8.30E-02	7.91E-02	2.81E-05	8.47E-05	4.91E-05	5.02E-05	4.55E-05	2.03E-05	1.98E-05	9.37E-07	2.26E-05	5.00E-06	6.82E-06	1.08E-05	1.86E-06	1.04E-05	5.84E-05
5634	480976.07	3851405	8.09E-02	8.28E-02	7.89E-02	2.80E-05	8.46E-05	4.90E-05	5.01E-05	4.54E-05	2.03E-05	1.98E-05	9.35E-07	2.26E-05	4.99E-06	6.80E-06	1.08E-05	1.86E-06	1.04E-05	5.83E-05
5635	481178	3851487.31	6.08E-02	6.23E-02	5.93E-02	2.11E-05	6.36E-05	3.68E-05	3.77E-05	3.41E-05	1.52E-05	1.48E-05	7.03E-07	1.70E-05	3.75E-06	5.11E-06	8.11E-06	1.40E-06	7.79E-06	4.38E-05
5636	481244.9	3851557.17	6.73E-02	6.89E-02	6.56E-02	2.33E-05	7.03E-05	4.07E-05	4.17E-05	3.78E-05	1.68E-05	1.64E-05	7.78E-07	1.88E-05	4.15E-06	5.66E-06	8.98E-06	1.55E-06	8.62E-06	4.85E-05
5637	481311.81	3851627.03	7.46E-02	7.63E-02	7.27E-02	2.58E-05	7.79E-05	4.51E-05	4.62E-05	4.19E-05	1.87E-05	1.82E-05	8.62E-07	2.08E-05	4.59E-06	6.27E-06	9.95E-06	1.71E-06	9.55E-06	5.38E-05
5638	481378.71	3851696.89	7.60E-02	7.78E-02	7.41E-02	2.63E-05	7.94E-05	4.60E-05	4.71E-05	4.27E-05	1.90E-05	1.86E-05	8.78E-07	2.12E-05	4.68E-06	6.39E-06	1.01E-05	1.75E-06	9.74E-06	5.48E-05
5639	481445.61	3851766.76	7.95E-02	8.13E-02	7.75E-02	2.75E-05	8.31E-05	4.81E-05	4.92E-05	4.46E-05	1.99E-05	1.94E-05	9.19E-07	2.22E-05	4.90E-06	6.68E-06	1.06E-05	1.83E-06	1.02E-05	5.73E-05
5640	481512.51	3851836.62	7.99E-02	8.18E-02	7.79E-02	2.76E-05	8.35E-05	4.83E-05	4.95E-05	4.48E-05	2.00E-05	1.95E-05	9.23E-07	2.23E-05	4.92E-06	6.72E-06	1.07E-05	1.83E-06	1.02E-05	5.76E-05
5641	481579.42	3851906.48	7.90E-02	8.09E-02	7.71E-02	2.74E-05	8.26E-05	4.78E-05	4.89E-05	4.44E-05	1.98E-05	1.93E-05	9.13E-07	2.21E-05	4.87E-06	6.64E-06	1.05E-05	1.81E-06	1.01E-05	5.70E-05
5642	481646.32	3851976.34	7.90E-02	8.08E-02	7.70E-02	2.73E-05	8.25E-05	4.78E-05	4.89E-05	4.43E-05	1.98E-05	1.93E-05	9.13E-07	2.21E-05	4.87E-06	6.64E-06	1.05E-05	1.81E-06	1.01E-05	5.69E-05
5643	481713.22	3852046.2	7.84E-02	8.02E-02	7.64E-02	2.71E-05	8.19E-05	4.74E-05	4.85E-05	4.40E-05	1.96E-05	1.91E-05	9.06E-07	2.19E-05	4.83E-06	6.59E-06	1.05E-05	1.80E-06	1.00E-05	5.65E-05
5644	481780.12	3852116.06	7.87E-02	8.05E-02	7.67E-02	2.72E-05	8.22E-05	4.76E-05	4.87E-05	4.42E-05	1.97E-05	1.92E-05	9.09E-07	2.20E-05	4.85E-06	6.61E-06	1.05E-05	1.81E-06	1.01E-05	5.67E-05
5645	481847.03	3852185.92	7.87E-02	8.06E-02	7.68E-02	2.72E-05	8.23E-05	4.76E-05	4.88E-05	4.42E-05	1.97E-05	1.92E-05	9.10E-07	2.20E-05	4.85E-06	6.62E-06	1.05E-05	1.81E-06	1.01E-05	5.68E-05
5646	481913.93	3852255.78	7.82E-02	8.01E-02	7.63E-02	2.71E-05	8.18E-05	4.73E-05	4.84E-05	4.39E-05	1.96E-05	1.91E-05	9.04E-07	2.18E-05	4.82E-06	6.58E-06	1.04E-05	1.80E-06	1.00E-05	5.64E-05
5647	481980.83	3852325.65	7.42E-02	7.60E-02	7.24E-02	2.57E-05	7.76E-05	4.49E-05	4.60E-05	4.17E-05	1.86E-05	1.81E-05	8.58E-07	2.07E-05	4.57E-06	6.24E-06	9.90E-06	1.70E-06	9.51E-06	5.35E-05
5648	482047.73	3852395.51	7.56E-02	7.74E-02	7.38E-02	2.62E-05	7.90E-05	4.58E-05	4.68E-05	4.25E-05	1.89E-05	1.85E-05	8.74E-07	2.11E-05	4.66E-06	6.36E-06	1.01E-05	1.74E-06	9.69E-06	5.45E-05
5649	482114.64	3852465.37	7.28E-02	7.45E-02	7.10E-02	2.52E-05	7.61E-05	4.40E-05	4.51E-05	4.09E-05	1.82E-05	1.78E-05	8.41E-07	2.03E-05	4.48E-06	6.12E-06	9.71E-06	1.67E-06	9.32E-06	5.25E-05

5650	482181.54	3852535.23	7.54E-02	7.72E-02	7.35E-02	2.61E-05	7.88E-05	4.56E-05	4.67E-05	4.23E-05	1.89E-05	1.84E-05	8.71E-07	2.10E-05	4.64E-06	6.34E-06	1.01E-05	1.73E-06	9.66E-06	5.44E-05
5651	482338.69	3852700.05	7.67E-02	7.85E-02	7.48E-02	2.65E-05	8.01E-05	4.64E-05	4.75E-05	4.30E-05	1.92E-05	1.87E-05	8.86E-07	2.14E-05	4.72E-06	6.45E-06	1.02E-05	1.76E-06	9.82E-06	5.53E-05
5652	482404.05	3852767.78	7.62E-02	7.80E-02	7.43E-02	2.64E-05	7.96E-05	4.61E-05	4.72E-05	4.28E-05	1.91E-05	1.86E-05	8.81E-07	2.13E-05	4.69E-06	6.41E-06	1.02E-05	1.75E-06	9.76E-06	5.49E-05
5653	482469.4	3852835.52	7.71E-02	7.89E-02	7.52E-02	2.67E-05	8.06E-05	4.66E-05	4.77E-05	4.33E-05	1.93E-05	1.88E-05	8.91E-07	2.15E-05	4.75E-06	6.48E-06	1.03E-05	1.77E-06	9.87E-06	5.56E-05
5654	482534.75	3852903.25	7.65E-02	7.83E-02	7.46E-02	2.65E-05	7.99E-05	4.63E-05	4.74E-05	4.29E-05	1.91E-05	1.87E-05	8.84E-07	2.14E-05	4.71E-06	6.43E-06	1.02E-05	1.76E-06	9.80E-06	5.51E-05
5655	482600.11	3852970.99	7.11E-02	7.28E-02	6.93E-02	2.46E-05	7.43E-05	4.30E-05	4.40E-05	3.99E-05	1.78E-05	1.74E-05	8.22E-07	1.98E-05	4.38E-06	5.98E-06	9.48E-06	1.63E-06	9.11E-06	5.12E-05
5656	482706.71	3853119.28	6.64E-02	6.80E-02	6.47E-02	2.30E-05	6.94E-05	4.02E-05	4.11E-05	3.73E-05	1.66E-05	1.62E-05	7.67E-07	1.85E-05	4.09E-06	5.58E-06	8.86E-06	1.52E-06	8.50E-06	4.79E-05
5657	482747.96	3853199.84	6.72E-02	6.88E-02	6.55E-02	2.33E-05	7.02E-05	4.07E-05	4.16E-05	3.77E-05	1.68E-05	1.64E-05	7.77E-07	1.88E-05	4.14E-06	5.65E-06	8.97E-06	1.54E-06	8.61E-06	4.85E-05
5658	482789.21	3853280.4	6.22E-02	6.36E-02	6.06E-02	2.15E-05	6.50E-05	3.76E-05	3.85E-05	3.49E-05	1.56E-05	1.52E-05	7.19E-07	1.74E-05	3.83E-06	5.23E-06	8.29E-06	1.43E-06	7.97E-06	4.48E-05
5659	482830.46	3853360.96	5.61E-02	5.74E-02	5.47E-02	1.94E-05	5.86E-05	3.39E-05	3.47E-05	3.15E-05	1.40E-05	1.37E-05	6.48E-07	1.57E-05	3.45E-06	4.71E-06	7.48E-06	1.29E-06	7.18E-06	4.04E-05
5660	482871.71	3853441.52	4.68E-02	4.79E-02	4.56E-02	1.62E-05	4.89E-05	2.83E-05	2.90E-05	2.63E-05	1.17E-05	1.14E-05	5.41E-07	1.31E-05	2.88E-06	3.94E-06	6.24E-06	1.07E-06	6.00E-06	3.37E-05
5661	482912.95	3853522.07	1.30E-02	1.33E-02	1.27E-02	4.50E-06	1.36E-05	7.87E-06	8.05E-06	7.30E-06	3.25E-06	3.17E-06	1.50E-07	3.63E-06	8.01E-07	1.09E-06	1.73E-06	2.99E-07	1.67E-06	9.38E-06
5662	482954.2	3853602.63	6.70E-03	6.86E-03	6.53E-03	2.32E-06	7.00E-06	4.05E-06	4.15E-06	3.76E-06	1.68E-06	1.64E-06	7.74E-08	1.87E-06	4.13E-07	5.63E-07	8.94E-07	1.54E-07	8.58E-07	4.83E-06
5663	482995.45	3853683.19	4.82E-03	4.94E-03	4.70E-03	1.67E-06	5.04E-06	2.92E-06	2.99E-06	2.71E-06	1.21E-06	1.18E-06	5.57E-08	1.35E-06	2.97E-07	4.06E-07	6.43E-07	1.11E-07	6.18E-07	3.48E-06
5664	483036.7	3853763.75	3.85E-03	3.95E-03	3.76E-03	1.33E-06	4.03E-06	2.33E-06	2.39E-06	2.16E-06	9.65E-07	9.41E-07	4.46E-08	1.08E-06	2.38E-07	3.24E-07	5.14E-07	8.85E-08	4.94E-07	2.78E-06
5665	483214.2	3853909.91	2.79E-03	2.86E-03	2.73E-03	9.67E-07	2.92E-06	1.69E-06	1.73E-06	1.57E-06	6.99E-07	6.82E-07	3.23E-08	7.80E-07	1.72E-07	2.35E-07	3.73E-07	6.42E-08	3.58E-07	2.01E-06
5666	483307.01	3853910.44	2.83E-03	2.90E-03	2.76E-03	9.80E-07	2.96E-06	1.71E-06	1.75E-06	1.59E-06	7.09E-07	6.91E-07	3.27E-08	7.91E-07	1.75E-07	2.38E-07	3.78E-07	6.51E-08	3.63E-07	2.04E-06
5667	483399.83	3853910.96	2.82E-03	2.89E-03	2.75E-03	9.77E-07	2.95E-06	1.71E-06	1.75E-06	1.58E-06	7.06E-07	6.89E-07	3.26E-08	7.88E-07	1.74E-07	2.37E-07	3.76E-07	6.48E-08	3.61E-07	2.03E-06
5668	483494.52	3854009.24	2.48E-03	2.54E-03	2.42E-03	8.59E-07	2.59E-06	1.50E-06	1.54E-06	1.39E-06	6.21E-07	6.05E-07	2.87E-08	6.93E-07	1.53E-07	2.09E-07	3.31E-07	5.70E-08	3.18E-07	1.79E-06
5669	483496.41	3854106.98	2.22E-03	2.27E-03	2.17E-03	7.69E-07	2.32E-06	1.34E-06	1.38E-06	1.25E-06	5.56E-07	5.42E-07	2.57E-08	6.20E-07	1.37E-07	1.87E-07	2.96E-07	5.10E-08	2.84E-07	1.60E-06
5670	483577.56	3854261.96	1.85E-03	1.89E-03	1.80E-03	6.40E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.63E-07	4.51E-07	2.14E-08	5.16E-07	1.14E-07	1.55E-07	2.47E-07	4.24E-08	2.37E-07	1.33E-06
5671	483656.83	3854319.19	1.72E-03	1.76E-03	1.68E-03	5.96E-07	1.80E-06	1.04E-06	1.07E-06	9.66E-07	4.31E-07	4.20E-07	1.99E-08	4.81E-07	1.06E-07	1.45E-07	2.30E-07	3.95E-08	2.21E-07	1.24E-06
5672	483736.1	3854376.41	1.60E-03	1.64E-03	1.56E-03	5.55E-07	1.68E-06	9.70E-07	9.93E-07	9.00E-07	4.01E-07	3.91E-07	1.85E-08	4.48E-07	9.88E-08	1.35E-07	2.14E-07	3.68E-08	2.05E-07	1.16E-06
5673	483815.37	3854433.64	1.50E-03	1.53E-03	1.46E-03	5.18E-07	1.56E-06	9.05E-07	9.26E-07	8.40E-07	3.74E-07	3.65E-07	1.73E-08	4.18E-07	9.22E-08	1.26E-07	2.00E-07	3.44E-08	1.92E-07	1.08E-06
5674	483894.63	3854490.87	1.39E-03	1.43E-03	1.36E-03	4.82E-07	1.46E-06	8.43E-07	8.63E-07	7.82E-07	3.49E-07	3.40E-07	1.61E-08	3.89E-07	8.58E-08	1.17E-07	1.86E-07	3.20E-08	1.78E-07	1.00E-06
5675	483973.9	3854548.1	1.30E-03	1.33E-03	1.27E-03	4.50E-07	1.36E-06	7.87E-07	8.06E-07	7.30E-07	3.26E-07	3.18E-07	1.50E-08	3.63E-07	8.02E-08	1.09E-07	1.74E-07	2.99E-08	1.67E-07	9.38E-07
5676	484053.17	3854605.32	1.23E-03	1.26E-03	1.20E-03	4.27E-07	1.29E-06	7.47E-07	7.65E-07	6.93E-07	3.09E-07	3.01E-07	1.43E-08	3.45E-07	7.61E-08	1.04E-07	1.65E-07	2.84E-08	1.58E-07	8.90E-07
5677	484214.97	3854698.15	1.16E-03	1.19E-03	1.13E-03	4.02E-07	1.21E-06	7.02E-07	7.18E-07	6.51E-07	2.90E-07	2.83E-07	1.34E-08	3.24E-07	7.15E-08	9.75E-08	1.55E-07	2.66E-08	1.49E-07	8.36E-07
5678	484297.5	3854733.74	1.16E-03	1.19E-03	1.14E-03	4.03E-07	1.22E-06	7.04E-07	7.21E-07	6.54E-07	2.91E-07	2.84E-07	1.35E-08	3.25E-07	7.17E-08	9.79E-08	1.55E-07	2.67E-08	1.49E-07	8.39E-07
5679	484380.03	3854769.34	1.15E-03	1.17E-03	1.12E-03	3.97E-07	1.20E-06	6.94E-07	7.10E-07	6.44E-07	2.87E-07	2.80E-07	1.33E-08	3.20E-07	7.07E-08	9.64E-08	1.53E-07	2.63E-08	1.47E-07	8.27E-07
5680	484462.56	3854804.94	1.15E-03	1.17E-03	1.12E-03	3.97E-07	1.20E-06	6.94E-07	7.10E-07	6.44E-07	2.87E-07	2.80E-07	1.33E-08	3.20E-07	7.06E-08	9.64E-08	1.53E-07	2.63E-08	1.47E-07	8.26E-07
5681	484545.09	3854840.53	1.12E-03	1.15E-03	1.10E-03	3.89E-07	1.18E-06	6.80E-07	6.96E-07	6.31E-07	2.81E-07	2.74E-07	1.30E-08	3.14E-07	6.93E-08	9.46E-08	1.50E-07	2.58E-08	1.44E-07	8.11E-07
5682	484691.88	3854912.59	1.12E-03	1.15E-03	1.09E-03	3.89E-07	1.17E-06	6.79E-07	6.95E-07	6.30E-07	2.81E-07	2.74E-07	1.30E-08	3.13E-07	6.92E-08	9.44E-08	1.50E-07	2.58E-08	1.44E-07	8.09E-07
5683	484830.81	3855012.51	1.10E-03	1.12E-03	1.07E-03	3.80E-07	1.15E-06	6.65E-07	6.80E-07	6.17E-07	2.75E-07	2.68E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.52E-08	1.41E-07	7.92E-07
5684	484905.48	3855075.97	1.09E-03	1.12E-03	1.06E-03	3.78E-07	1.14E-06	6.60E-07	6.76E-07	6.13E-07	2.73E-07	2.66E-07	1.26E-08	3.05E-07	6.73E-08	9.18E-08	1.46E-07	2.51E-08	1.40E-07	7.87E-07
5685	484980.14	3855139.44	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.50E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.62E-08	9.03E-08	1.43E-07	2.47E-08	1.38E-07	7.75E-07
5686	485054.81	3855202.91	1.05E-03	1.08E-03	1.02E-03	3.64E-07	1.10E-06	6.35E-07	6.50E-07	5.90E-07	2.63E-07	2.56E-07	1.21E-08	2.93E-07	6.47E-08	8.83E-08	1.40E-07	2.41E-08	1.35E-07	7.57E-07
5687	485129.48	3855266.37	1.02E-03	1.04E-03	9.93E-04	3.53E-07	1.06E-06	6.16E-07	6.31E-07	5.72E-07	2.55E-07	2.49E-07	1.18E-08	2.84E-07	6.28E-08	8.57E-08	1.36E-07	2.34E-08	1.30E-07	7.34E-07
5688	485204.15	3855329.84	1.00E-03	1.03E-03	9.79E-04	3.48E-07	1.05E-06	6.08E-07	6.22E-07	5.64E-07	2.51E-07	2.45E-07	1.16E-08	2.80E-07	6.19E-08	8.44E-08	1.34E-07	2.31E-08	1.29E-07	7.24E-07
5689	485278.82	3855393.31	9.82E-04	1.01E-03	9.58E-04	3.40E-07	1.03E-06	5.94E-07	6.08E-07	5.51E-07	2.46E-07	2.40E-07	1.14E-08	2.74E-07	6.05E-08	8.26E-08	1.31E-07	2.26E-08	1.26E-07	7.08E-07
5690	485353.48	3855456.77	9.65E-04	9.88E-04	9.41E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.42E-07	2.36E-07	1.12E-08	2.69E-07	5.95E-08	8.12E-08	1.29E-07	2.22E-08	1.24E-07	6.96E-07
5691	485428.15	3855520.24	9.45E-04	9.67E-04	9.22E-04	3.27E-07	9.88E-07	5.72E-07	5.85E-07	5.31E-07	2.37E-07	2.31E-07	1.09E-08	2.64E-07	5.82E-08	7.95E-08	1.26E-07	2.17E-08	1.21E-07	6.81E-07
5692	485502.82	3855583.71	9.27E-04	9.49E-04	9.04E-04	3.21E-07	9.69E-07	5.61E-07	5.74E-07	5.20E-07	2.32E-07	2.26E-07	1.07E-08	2.59E-07	5.71E-08	7.79E-08	1.24E-07	2.13E-08	1.19E-07	6.68E-07
5693	485577.49	3855647.17	9.14E-04	9.36E-04	8.91E-04	3.16E-07	9.55E-07	5.53E-07	5.66E-07	5.13E-07	2.29E-07	2.23E-07	1.06E-08	2.55E-07	5.63E-08	7.69E-08	1.22E-07	2.10E-08	1.17E-07	6.59E-07
5694	485652.16	3855710.64	9.02E-04	9.23E-04	8.79E-04	3.12E-07	9.42E-07	5.45E-07	5.58E-07	5.06E-07	2.26E-07	2.20E-07	1.04E-08	2.52E-07	5.55E-08	7.58E-08	1.20E-07	2.07E-08	1.15E-07	6.50E-07
5695	485726.83	3855774.11	8.86E-04	9.07E-04	8.64E-04	3.07E-07	9.26E-07	5.36E-07	5.49E-07	4.98E-07	2.22E-07	2.16E-07	1.02E-08	2.47E-07	5.46E-08	7.45E-08	1.18E-07	2.04E-08	1.14E-07	6.39E-07
5696	485801.49	3855837.57	8.70E-04	8.91E-04	8.49E-04	3.01E-07	9.10E-07	5.27E-07	5.39E-07	4.89E-07	2.18E-07	2.12E-07	1.01E-08	2.43E-07	5.36E-08	7.32E-08	1.16E-07	2.00E-08	1.12E-07	6.28E-07
5697	485876.16	3855901.04	8.57E-04	8.77E-04	8.36E-04	2.97E-07	8.96E-07	5.19E-07	5.31E-07	4.81E-07	2.14E-07	2.09E-07	9.91E-09	2.39E-07	5.28E-08	7.21E-08	1.14E-07	1.97E-08	1.10E-07	6.18E-07
5698	485950.83	3855964.5	8.43E-04	8.63E-04	8.22E-04	2.92E-07	8.81E-07	5.10E-07	5.22E-07	4.73E-07	2.11E-07	2.06E-07	9.75E-09	2.35E-07	5.20E-08	7.09E-08	1.12E-07	1.94E-08	1.08E-07	6.08E-07
5699	486025.5	3856027.97	8.28E-04	8.48E-04	8.08E-04	2.87E-07	8.66E-07	5.01E-07	5.13E-07	4.65E-07	2.07E-07	2.02E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.10E-07	1.90E-08	1.06E-07	5.97E-07
5700	486100.17	3856091.44	8.23E-04	8.42E-04	8.03E-04	2.85E-07	8.60E-07	4.98E-07	5.10E-07	4.62E-07	2.06E-07	2.01E-07	9.51E-09	2.30E-07	5.07E-08	6.92E-08	1.10E-07	1.89E-08	1.05E-07	5.93E-07
5701	486174.83	3856154.9	8.09E-04	8.28E-04	7.89E-04	2.80E-07	8.45E-07	4.89E-07	5.01E-07	4.54E-07	2.02E-07	1.97E-07	9.35E-09	2.26E-07	4.98E-08	6.80E-08	1.08E-07	1.86E-08	1.04E-07	5.83E-07
5702	486249.5	3856218.37	7.88E-04	8.07E-04	7.69E-04	2.73E-07	8.24E-07	4.77E-07	4.88E-07	4.43E-07	1.97E-07	1.92E-07	9.11E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
5703	486324.17	3856281.84	7.70E-04	7.88E-04	7.51E-04	2.66E-07	8.04E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.86E-08	5.55E-07
5704	486398.84	3856345.3	7.64E-04	7.82E-04	7.45E-04	2.65E-07	7.99E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.79E-08	5.51E-07
5705	486473.51	3856408.77	7.56E-04	7.74E-04	7.38E-04	2.62E-07	7.91E-07	4.58E-07	4.68E-07	4.25E-07	1.89E-07	1.85E-07	8.74E-09	2.11E-07	4.66E-08	6.36E-08	1.01E-07	1.74E-08	9.69E-08	5.45E-07
5706	486548.17	3856472.24	7.53E-04	7.71E-04	7.35E-04	2.61E-07	7.87E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.00E-07	1.73E-08	9.65E-08	5.43E-07
5707	486622.84	3856535.7	7.51E-04	7.69E-04	7.33E-04	2.60E-07	7.85E-07	4.55E-07	4.65E-07	4.22E-07	1.88E-07	1.83E-07	8.69E-09	2.10E-07	4.63E-08	6.32E-08	1.00E-07	1.73E-08	9.63E-08	5.42E-07
5708	486765.48	3856659.69	7.54E-04	7.71E-04	7.35E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.23E-07	1.89E-07	1.84E-07	8.71E-09	2.10E-07	4.64E-08	6.34E-08	1.01E-07	1.73E-08	9.65E-08	5.43E-07
5709	486833.44	3856720.2	7.54E-04	7.72E-04	7.36E-04	2.61E-07	7.88E-07	4.56E-07	4.67E-07	4.24E-07	1.89E-07	1.84E-07	8.72E-09	2.11E-07	4.65E-08	6.34E-08	1.01E-07	1.73E-08	9.66E-08	5.44E-07
5710	486901.41	3856780.72	7.58E-04	7.75E-04	7.39E-04	2.62E-07	7.92E-07	4.58E-07	4.69E-07	4.25E-07	1.90E-07	1.85E-07	8.76E-09	2.12E-07	4.67E-08	6.37E-08	1.01E-07	1.74E-08	9.71E-08	5.46E-07
5711	486969.38	3856841.24	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.69E-08	6.40E-08	1.01E-07	1.75E-08	9.74E-08	5.48E-07
5712	487037.34	3856901.75	7.65E-04	7.83E-04	7.46E-04	2.65E-07	7.99E-07	4.63E-07	4.74E-07	4.29E-07	1.91E-07	1.87E-07	8.84E-09	2.13E-07	4.71E-08	6.43E-08	1.02E-07	1.76E-08	9.79E-08	5.51E-07
5713	487271.23	3856855.51	7.66E-04	7.84E-04	7.47E-04	2.65E-07	8.00E-07	4.63E-07	4.74E-07	4.30E-07	1.92E-07	1.87E-07	8.85E-09	2.14E-07	4.72E-08	6.44E-08	1.02E-07	1.76E-08	9.81E-08	5.52E-07
5714	487368.96	3856857.29	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.82E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.50E-07
5715	487466.68	3856859.06	7.63E-04	7.81E-04	7.44E-04	2.64E-07	7.98E-07	4.62E-07	4.73E-07	4.29E-07	1.91E-07	1.86E-07	8.82E-09	2.13E-07	4.70E-08	6.42E-08	1.02E-07	1.75E-08	9.78E-08	5.50E-07
5716	487636.44	3856930	7.69E-04	7.87E-04	7.50E-04	2.66E-07	8.04E-07	4.65E-07	4.76E-07	4.32E-07	1.93E-07	1.88E-07	8.89E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.85E-08	5.55E-07
5717	487709.57	3856928.43	7.73E-04	7.91E-04	7.53E-04	2.67E-07	8.07E-07	4.67E-07	4.78E-07	4.34E-07	1.93E-07	1.89E-07	8.93E-09	2.16E-07	4.76E-08	6.50E-08	1.03E-07	1.77E-08	9.90E-08	5.57E-07
5718	487782.55	3856841.96	7.70E-04	7.88E-04	7.51E-04	2.66E-07	8.05E-07	4.66E-07	4.77E-07	4.32E-07	1.93E-07	1.88E-07	8.90E-09	2.15E-07	4.74E-08	6.47E-08	1.03E-07	1.77E-08	9.86E-08	5.55E-07
5719	487849.83	3856754.74	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.87E-07	8.88E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
5720	487918.03	3856819.39	7.75E-04	7.93E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.77E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
5721	487918.8	3856886.37	7.81E-04	7.99E-04	7.62E-04	2.70E-07	8.16E-07	4.73E-07	4.84E-07	4.38E-07	1.95E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
5722	488065.47	3857127.51	8.05E-04	8.24E-04	7.86E-04	2.79E-07	8.42E-07	4.87E-07	4.99E-07	4.52E-07	2.02E-07	1.97E-07	9.31E-09	2.25E-07	4.96E-08	6.77E-08	1.07E-07	1.85E-08	1.03E-07	5.81E-07
5723	488192.19	3857385.84	8.64E-04	8.85E-04	8.43E-04	2.99E-07	9.04E-07	5.23E-07	5.35E-07	4.85E-07	2.16E-07	2.11E-07	9.99E-09	2.41E-07	5.33E-08	7.27E-08	1.15E-07	1.99E-08	1.11E-07	6.23E-07
5724	488191.22	3857473.87	8.92E-04	9.13E-04	8.70E-04	3.09E-07	9.32E-07	5.40E-07	5.53E-07	5.01E-07	2.23E-07	2.18E-07	1.03E-08	2.49E-07	5.50E-08	7.50E-08	1.19E-07	2.05E-08	1.14E-07	6.43E-07
5725	488190.24	3857561.91	9.25E-04	9.47E-04	9.02E-04	3.20E-07	9.67E-07	5.60E-07	5.73E-07	5.19E-07	2.31E-07	2.26E-07	1.07E-08	2.58E-07	5.70E-08	7.78E-08	1.23E-07	2.12E-08	1.18E-07	6.67E-07
5726	488158.35	3857691.13	9.78E-04	1.00E-03	9.53E-04	3.38E-07	1.02E-06	5.91E-07	6.05E-07	5.49E-07	2.45E-07	2.39E-07	1.13E-08	2.73E-07	6.02E-08	8.22E-08	1.30E-07	2.25E-08	1.25E-07	7.05E-07
5727	488208.37	3857816.66	1.05E-03	1.07E-03	1.02E-03	3.62E-07	1.09E-06	6.33E-07	6.48E-07	5.87E-07	2.62E-07	2.55E-07	1.21E-08	2.92E-07	6.45E-08	8.80E-08	1.40E-07	2.40E-08	1.34E-07	7.54E-07
5728	488271.97	3857874.6	1.09E-03	1.11E-03	1.06E-03	3.77E-07	1.14E-06	6.59E-07	6.74E-07	6.11E-07	2.73E-07	2.66E-07	1.26E-08	3.04E-07	6.71E-08	9.16E-08	1.45E-07	2.50E-08	1.39E-07	7.85E-07
5729	488463.56	3857942.31	1.18E-03	1.20E-03	1.15E-03	4.07E-07	1.23E-06	7.12E-07	7.28E-07	6.60E-07	2.94E-07	2.87E-07	1.36E-08	3.28E-07	7.25E-08	9.89E-08	1.57E-07	2.70E-08	1.51E-07	8.48E-07
5730	488554.83	3857940.83	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.24E-06	7.15E-07	7.32E-07	6.64E-07	2.96E-07	2.89E-07	1.37E-08	3.30E-07	7.28E-08	9.94E-08	1.58E-07	2.72E-08	1.51E-07	8.52E-07
5731	488646.1	3857939.36	1.19E-03	1.22E-03	1.16E-03	4.11E-07	1.24E-06	7.19E-07	7.36E-07	6.67E-07	2.97E-07	2.90E-07	1.37E-08	3.32E-07	7.32E-08	9.99E-08	1.59E-07	2.73E-08	1.52E-07	8.57E-07
5732	488737.37	3857937.88	1.20E-03	1.22E-03	1.17E-03	4.14E-07	1.25E-06	7.24E-07	7.41E-07	6.72E-07	2.99E-07	2.92E-07	1.38E-08	3.34E-07	7.37E-08	1.01E-07	1.60E-07	2.75E-08	1.53E-07	8.63E-07
5733	488733.59	3857960.57	1.21E-03	1.24E-03	1.18E-03	4.20E-07	1.27E-06	7.35E-07	7.52E-07	6.82E-07	3.04E-07	2.96E-07	1.40E-08	3.39E-07	7.48E-08	1.02E-07	1.62E-07	2.79E-08	1.56E-07	8.76E-07
5734	488638.09	3857961.57	1.21E-03	1.23E-03	1.18E-03	4.18E-07	1.26E-06	7.30E-07	7.47E-07	6.77E-07	3.02E-07	2.94E-07	1.39E-08	3.37E-07	7.43E-08	1.01E-07	1.61E-07	2.77E-08	1.55E-07	8.70E-07
5735	488542.6	3857962.56	1.20E-03	1.23E-03	1.17E-03	4.16E-07	1.26E-06	7.27E-07	7.45E-07	6.75E-07	3.01E-07	2.93E-07	1.39E-08	3.36E-07	7.41E-08	1.01E-07	1.60E-07	2.76E-08	1.54E-07	8.67E-07
5736	488447.1	3857963.56	1.19E-03	1.22E-03	1.16E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.70E-07	2.99E-07	2.91E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.74E-08	1.53E-07	8.61E-07
5737	488254.28	3857890.36	1.10E-03	1.12E-03	1.07E-03	3.80E-07	1.15E-06	6.65E-07	6.81E-07	6.17E-07	2.75E-07	2.68E-07	1.27E-08	3.07E-07	6.77E-08	9.24E-08	1.47E-07	2.52E-08	1.41E-07	7.92E-07
5738	488191.69	3857833.06	1.05E-03	1.08E-03	1.03E-03	3.64E-07	1.10E-06	6.37E-07	6.52E-07	5.91E-07	2.64E-07	2.57E-07	1.22E-08	2.94E-07	6.49E-08	8.85E-08	1.40E-07	2.42E-08	1.35E-07	7.59E-07
5739	488129.5	3857907.43	1.09E-03	1.12E-03	1.06E-03	3.78E-07	1.14E-06	6.60E-07	6.76E-07	6.13E-07	2.73E-07	2.66E-07	1.26E-08	3.05E-07	6.72E-08	9.17E-08	1.46E-07	2.51E-08	1.40E-07	7.87E-07
5740	488196.47	3857968.74	1.15E-03	1.17E-03	1.12E-03	3.97E-07	1.20E-06	6.93E-07	7.10E-07	6.43E-07	2.87E-07	2.80E-07	1.32E-08	3.20E-07	7.06E-08	9.64E-08	1.53E-07	2.63E-08	1.47E-07	8.26E-07
5741	488263.44	3858030.04	1.21E-03	1.24E-03	1.18E-03	4.19E-07	1.26E-06	7.32E-07	7.49E-07	6.79E-07	3.03E-07	2.95E-07	1.40E-08	3.38E-07	7.45E-08	1.02E-07	1.61E-07	2.78E-08	1.55E-07	8.72E-07
5742	488400.64	3858132.9	1.35E-03	1.38E-03	1.32E-03	4.68E-07	1.41E-06	8.17E-07	8.36E-07	7.58E-07	3.38E-07	3.30E-07	1.56E-08	3.77E-07	8.32E-08	1.14E-07	1.80E-07	3.10E-08	1.73E-07	9.74E-07
5743	488519.89	3858218.38	1.52E-03	1.55E-03	1.48E-03	5.25E-07	1.59E-06	9.18E-07	9.40E-07	8.52E-07	3.80E-07	3.70E-07	1.75E-08	4.24E-07	9.35E-08	1.28E-07	2.02E-07	3.48E-08	1.94E-07	1.09E-06
5744	488647.97	3858214.99	1.52E-03	1.56E-03	1.48E-03	5.27E-07	1.59E-06	9.21E-07	9.43E-07	8.54E-07	3.81E-07	3.71E-07	1.76E-08	4.25E-07	9.38E-08	1.28E-07	2.03E-07	3.50E-08	1.95E-07	1.10E-06
5745	488727.05	3858167.67	1.46E-03	1.49E-03	1.42E-03	5.04E-07	1.52E-06	8.81E-07	9.01E-07	8.17E-07	3.64E-07	3.55E-07	1.68E-08	4.06E-07	8.97E-08	1.22E-07	1.94E-07	3.34E-08	1.86E-07	1.05E-06
5746	488806.12	3858120.35	1.40E-03	1.43E-03	1.36E-03	4.83E-07	1.46E-06	8.44E-07	8.64E-07	7.84E-07	3.49E-07	3.41E-07	1.61E-08	3.90E-07	8.60E-08	1.17E-07	1.86E-07	3.21E-08	1.79E-07	1.01E-06
5747	488885.2	3858073.03	1.34E-03	1.37E-03	1.31E-03	4.63E-07	1.40E-06	8.10E-07	8.29E-07	7.52E-07	3.35E-07	3.27E-07	1.55E-08	3.74E-07	8.25E-08	1.13E-07	1.79E-07	3.07E-08	1.71E-07	9.65E-07
5748	489055.76	3857991.18	1.24E-03	1.27E-03	1.21E-03	4.29E-07	1.29E-06	7.49E-07	7.67E-07	6.95E-07	3.10E-07	3.02E-07	1.43E-08	3.46E-07	7.63E-08	1.04E-07	1.65E-07	2.84E-08	1.59E-07	8.93E-07
5749	489245.39	3857944.55	1.13E-03	1.16E-03	1.11E-03	3.93E-07	1.19E-06	6.86E-07	7.02E-07	6.37E-07	2.84E-07	2.77E-07	1.31E-08	3.17E-07	6.99E-08	9.54E-08	1.51E-07	2.60E-08	1.45E-07	8.18E-07
5750	489430.63	3857930.91	1.08E-03	1.10E-03	1.05E-03	3.73E-07	1.13E-06	6.53E-07	6.68E-07	6.06E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.65E-08	9.07E-08	1.44E-07	2.48E-08	1.38E-07	7.78E-07

5751	489517.74	3857929.36	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.11E-06	6.40E-07	6.55E-07	5.94E-07	2.65E-07	2.58E-07	1.22E-08	2.95E-07	6.52E-08	8.89E-08	1.41E-07	2.43E-08	1.35E-07	7.62E-07
5752	489604.86	3857927.82	1.04E-03	1.06E-03	1.01E-03	3.59E-07	1.08E-06	6.28E-07	6.43E-07	5.83E-07	2.60E-07	2.53E-07	1.20E-08	2.90E-07	6.40E-08	8.73E-08	1.38E-07	2.38E-08	1.33E-07	7.48E-07
5753	489691.97	3857926.28	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.07E-06	6.22E-07	6.37E-07	5.77E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.33E-08	8.65E-08	1.37E-07	2.36E-08	1.32E-07	7.41E-07
5754	489779.08	3857924.73	1.02E-03	1.04E-03	9.93E-04	3.52E-07	1.06E-06	6.16E-07	6.31E-07	5.72E-07	2.55E-07	2.49E-07	1.18E-08	2.84E-07	6.27E-08	8.56E-08	1.36E-07	2.34E-08	1.30E-07	7.34E-07
5755	490017.55	3857875.09	9.58E-04	9.80E-04	9.34E-04	3.31E-07	1.00E-06	5.79E-07	5.93E-07	5.38E-07	2.40E-07	2.34E-07	1.11E-08	2.67E-07	5.90E-08	8.05E-08	1.28E-07	2.20E-08	1.23E-07	6.90E-07
5756	490033.82	3857960.81	1.03E-03	1.05E-03	1.00E-03	3.57E-07	1.08E-06	6.23E-07	6.38E-07	5.78E-07	2.58E-07	2.51E-07	1.19E-08	2.88E-07	6.35E-08	8.66E-08	1.37E-07	2.37E-08	1.32E-07	7.43E-07
5757	489959.15	3857987.49	1.07E-03	1.09E-03	1.04E-03	3.70E-07	1.12E-06	6.47E-07	6.62E-07	6.00E-07	2.68E-07	2.61E-07	1.24E-08	2.99E-07	6.59E-08	8.99E-08	1.43E-07	2.46E-08	1.37E-07	7.71E-07
5758	489791.49	3858016.12	1.09E-03	1.12E-03	1.07E-03	3.79E-07	1.14E-06	6.62E-07	6.78E-07	6.14E-07	2.74E-07	2.67E-07	1.26E-08	3.05E-07	6.74E-08	9.20E-08	1.46E-07	2.51E-08	1.40E-07	7.89E-07
5759	489698.51	3858018.07	1.11E-03	1.14E-03	1.08E-03	3.84E-07	1.16E-06	6.71E-07	6.87E-07	6.23E-07	2.78E-07	2.71E-07	1.28E-08	3.10E-07	6.84E-08	9.33E-08	1.48E-07	2.55E-08	1.42E-07	8.00E-07
5760	489605.52	3858020.02	1.13E-03	1.15E-03	1.10E-03	3.90E-07	1.18E-06	6.82E-07	6.98E-07	6.33E-07	2.82E-07	2.75E-07	1.30E-08	3.15E-07	6.95E-08	9.48E-08	1.50E-07	2.59E-08	1.44E-07	8.13E-07
5761	489512.53	3858021.96	1.15E-03	1.18E-03	1.12E-03	3.98E-07	1.20E-06	6.95E-07	7.12E-07	6.45E-07	2.88E-07	2.81E-07	1.33E-08	3.21E-07	7.08E-08	9.66E-08	1.53E-07	2.64E-08	1.47E-07	8.29E-07
5762	489419.55	3858023.91	1.18E-03	1.21E-03	1.15E-03	4.08E-07	1.23E-06	7.13E-07	7.30E-07	6.62E-07	2.95E-07	2.88E-07	1.36E-08	3.29E-07	7.26E-08	9.91E-08	1.57E-07	2.71E-08	1.51E-07	8.50E-07
5763	489228.47	3858041.29	1.23E-03	1.25E-03	1.20E-03	4.24E-07	1.28E-06	7.41E-07	7.59E-07	6.88E-07	3.07E-07	2.99E-07	1.42E-08	3.42E-07	7.55E-08	1.03E-07	1.63E-07	2.81E-08	1.57E-07	8.83E-07
5764	489065.75	3858085.78	1.33E-03	1.36E-03	1.30E-03	4.61E-07	1.39E-06	8.06E-07	8.25E-07	7.48E-07	3.33E-07	3.25E-07	1.54E-08	3.72E-07	8.20E-08	1.12E-07	1.78E-07	3.06E-08	1.71E-07	9.60E-07
5765	489001.12	3858114.86	1.38E-03	1.41E-03	1.35E-03	4.78E-07	1.44E-06	8.36E-07	8.56E-07	7.76E-07	3.46E-07	3.37E-07	1.60E-08	3.86E-07	8.51E-08	1.16E-07	1.84E-07	3.17E-08	1.77E-07	9.96E-07
5766	488861.89	3858189.81	1.49E-03	1.53E-03	1.45E-03	5.16E-07	1.56E-06	9.02E-07	9.24E-07	8.37E-07	3.73E-07	3.64E-07	1.72E-08	4.16E-07	9.19E-08	1.25E-07	1.99E-07	3.43E-08	1.91E-07	1.08E-06
5767	488787.29	3858235.69	1.57E-03	1.61E-03	1.53E-03	5.44E-07	1.64E-06	9.51E-07	9.73E-07	8.82E-07	3.93E-07	3.84E-07	1.82E-08	4.39E-07	9.68E-08	1.32E-07	2.10E-07	3.61E-08	2.01E-07	1.13E-06
5768	488712.68	3858281.57	1.65E-03	1.69E-03	1.61E-03	5.70E-07	1.72E-06	9.96E-07	1.02E-06	9.24E-07	4.12E-07	4.02E-07	1.90E-08	4.60E-07	1.01E-07	1.38E-07	2.20E-07	3.78E-08	2.11E-07	1.19E-06
5769	488654.39	3858436.17	2.03E-03	2.08E-03	1.98E-03	7.04E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.97E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.61E-07	1.47E-06
5770	488726.31	3858505.26	2.32E-03	2.37E-03	2.26E-03	8.02E-07	2.42E-06	1.40E-06	1.43E-06	1.30E-06	5.80E-07	5.65E-07	2.68E-08	6.47E-07	1.43E-07	1.95E-07	3.09E-07	5.32E-08	2.97E-07	1.67E-06
5771	488880.6	3858599.28	2.92E-03	2.99E-03	2.85E-03	1.01E-06	3.05E-06	1.77E-06	1.81E-06	1.64E-06	7.31E-07	7.12E-07	3.37E-08	8.15E-07	1.80E-07	2.45E-07	3.89E-07	6.70E-08	3.74E-07	2.10E-06
5772	489008.06	3858714.75	4.28E-03	4.38E-03	4.17E-03	1.48E-06	4.47E-06	2.59E-06	2.65E-06	2.40E-06	1.07E-06	1.04E-06	4.94E-08	1.19E-06	2.64E-07	3.60E-07	5.71E-07	9.82E-08	5.48E-07	3.08E-06
5773	489071.48	3858772.72	6.20E-03	6.35E-03	6.05E-03	2.15E-06	6.48E-06	3.75E-06	3.84E-06	3.48E-06	1.55E-06	1.51E-06	7.17E-08	1.73E-06	3.82E-07	5.21E-07	8.27E-07	1.42E-07	7.94E-07	4.47E-06
5774	489244.6	3858920.2	2.04E-02	2.09E-02	1.99E-02	7.08E-06	2.14E-05	1.24E-05	1.27E-05	1.15E-05	5.12E-06	4.99E-06	2.36E-07	5.71E-06	1.26E-06	1.72E-06	2.73E-06	4.70E-07	2.62E-06	1.47E-05
5775	489239.69	3858952.23	2.60E-02	2.66E-02	2.53E-02	8.99E-06	2.71E-05	1.57E-05	1.61E-05	1.46E-05	6.50E-06	6.34E-06	3.00E-07	7.25E-06	1.60E-06	2.18E-06	3.46E-06	5.96E-07	3.33E-06	1.87E-05
5776	489121.67	3858854.49	1.42E-02	1.45E-02	1.38E-02	4.90E-06	1.48E-05	8.57E-06	8.77E-06	7.95E-06	3.54E-06	3.46E-06	1.64E-07	3.95E-06	8.72E-07	1.19E-06	1.89E-06	3.25E-07	1.81E-06	1.02E-05
5777	489059.59	3858797.27	7.61E-03	7.79E-03	7.42E-03	2.63E-06	7.95E-06	4.60E-06	4.71E-06	4.27E-06	1.90E-06	1.86E-06	8.80E-08	2.12E-06	4.69E-07	6.40E-07	1.02E-06	1.75E-07	9.75E-07	5.49E-06
5778	488997.52	3858740.04	4.81E-03	4.92E-03	4.69E-03	1.66E-06	5.03E-06	2.91E-06	2.98E-06	2.70E-06	1.20E-06	1.17E-06	5.56E-08	1.34E-06	2.96E-07	4.04E-07	6.42E-07	1.10E-07	6.16E-07	3.47E-06
5779	488935.44	3858682.82	3.75E-03	3.84E-03	3.66E-03	1.30E-06	3.92E-06	2.27E-06	2.32E-06	2.11E-06	9.39E-07	9.15E-07	4.34E-08	1.05E-06	2.31E-07	3.15E-07	5.00E-07	8.61E-08	4.80E-07	2.70E-06
5780	488869.17	3858848.43	1.14E-02	1.17E-02	1.11E-02	3.96E-06	1.19E-05	6.92E-06	7.08E-06	6.42E-06	2.86E-06	2.79E-06	1.32E-07	3.19E-06	7.04E-07	9.61E-07	1.52E-06	2.63E-07	1.46E-06	8.24E-06
5781	488932.48	3858892.69	3.94E-02	4.04E-02	3.85E-02	1.37E-05	4.12E-05	2.39E-05	2.44E-05	2.21E-05	9.87E-06	9.63E-06	4.56E-07	1.10E-05	2.43E-06	3.32E-06	5.26E-06	9.06E-07	5.05E-06	2.84E-05
5782	489063.27	3858977.17	6.72E-02	6.87E-02	6.55E-02	2.32E-05	7.02E-05	4.06E-05	4.16E-05	3.77E-05	1.68E-05	1.64E-05	7.76E-07	1.88E-05	4.14E-06	5.65E-06	8.96E-06	1.54E-06	8.60E-06	4.84E-05
5783	489248.2	3859117.15	8.11E-02	8.30E-02	7.91E-02	2.81E-05	8.47E-05	4.90E-05	5.02E-05	4.55E-05	2.03E-05	1.98E-05	9.37E-07	2.26E-05	4.99E-06	6.82E-06	1.08E-05	1.86E-06	1.04E-05	5.84E-05
5784	489296.25	3859049.22	4.18E-02	4.27E-02	4.07E-02	1.45E-05	4.36E-05	2.53E-05	2.59E-05	2.34E-05	1.05E-05	1.02E-05	4.83E-07	1.17E-05	2.57E-06	3.51E-06	5.57E-06	9.59E-07	5.35E-06	3.01E-05
5785	489353.38	3858993.97	2.53E-02	2.59E-02	2.47E-02	8.76E-06	2.65E-05	1.53E-05	1.57E-05	1.42E-05	6.33E-06	6.18E-06	2.93E-07	7.07E-06	1.56E-06	2.13E-06	3.38E-06	5.81E-07	3.24E-06	1.82E-05
5786	489537.25	3859120.22	3.12E-02	3.20E-02	3.05E-02	1.08E-05	3.26E-05	1.89E-05	1.93E-05	1.75E-05	7.81E-06	7.62E-06	3.61E-07	8.72E-06	1.92E-06	2.63E-06	4.17E-06	7.17E-07	4.00E-06	2.25E-05
5787	489726.98	3859246.04	3.70E-02	3.79E-02	3.61E-02	1.28E-05	3.87E-05	2.24E-05	2.29E-05	2.08E-05	9.26E-06	9.03E-06	4.28E-07	1.03E-05	2.28E-06	3.11E-06	4.94E-06	8.50E-07	4.74E-06	2.67E-05
5788	489911.46	3859366.33	4.20E-02	4.30E-02	4.10E-02	1.46E-05	4.39E-05	2.54E-05	2.60E-05	2.36E-05	1.05E-05	1.03E-05	4.86E-07	1.17E-05	2.59E-06	3.54E-06	5.61E-06	9.66E-07	5.39E-06	3.03E-05
5789	490035.3	3859430.26	4.22E-02	4.32E-02	4.12E-02	1.46E-05	4.41E-05	2.56E-05	2.62E-05	2.37E-05	1.06E-05	1.03E-05	4.88E-07	1.18E-05	2.60E-06	3.55E-06	5.63E-06	9.70E-07	5.41E-06	3.04E-05
5790	490101.11	3859458.61	4.12E-02	4.21E-02	4.02E-02	1.43E-05	4.30E-05	2.49E-05	2.55E-05	2.31E-05	1.03E-05	1.00E-05	4.76E-07	1.15E-05	2.54E-06	3.46E-06	5.49E-06	9.46E-07	5.27E-06	2.97E-05
5791	490312.68	3859560.3	4.42E-02	4.53E-02	4.31E-02	1.53E-05	4.62E-05	2.68E-05	2.74E-05	2.48E-05	1.11E-05	1.08E-05	5.11E-07	1.23E-05	2.72E-06	3.72E-06	5.90E-06	1.02E-06	5.67E-06	3.19E-05
5792	490401.63	3859603.12	4.69E-02	4.80E-02	4.58E-02	1.62E-05	4.91E-05	2.84E-05	2.91E-05	2.64E-05	1.17E-05	1.15E-05	5.43E-07	1.31E-05	2.89E-06	3.95E-06	6.26E-06	1.08E-06	6.01E-06	3.38E-05
5793	490490.57	3859645.94	4.98E-02	5.10E-02	4.86E-02	1.72E-05	5.21E-05	3.01E-05	3.08E-05	2.80E-05	1.25E-05	1.22E-05	5.76E-07	1.39E-05	3.07E-06	4.19E-06	6.64E-06	1.14E-06	6.38E-06	3.59E-05
5794	490579.51	3859688.76	5.27E-02	5.39E-02	5.14E-02	1.82E-05	5.50E-05	3.19E-05	3.26E-05	2.96E-05	1.32E-05	1.29E-05	6.09E-07	1.47E-05	3.24E-06	4.43E-06	7.02E-06	1.21E-06	6.75E-06	3.80E-05
5795	490668.45	3859731.58	5.43E-02	5.55E-02	5.29E-02	1.88E-05	5.67E-05	3.28E-05	3.36E-05	3.05E-05	1.36E-05	1.32E-05	6.27E-07	1.51E-05	3.34E-06	4.56E-06	7.24E-06	1.25E-06	6.95E-06	3.91E-05
5796	490757.4	3859774.4	5.92E-02	6.06E-02	5.78E-02	2.05E-05	6.19E-05	3.58E-05	3.67E-05	3.32E-05	1.48E-05	1.45E-05	6.85E-07	1.65E-05	3.65E-06	4.98E-06	7.90E-06	1.36E-06	7.59E-06	4.27E-05
5797	491003.53	3859861.82	5.34E-02	5.46E-02	5.21E-02	1.85E-05	5.58E-05	3.23E-05	3.31E-05	3.00E-05	1.34E-05	1.30E-05	6.17E-07	1.49E-05	3.29E-06	4.49E-06	7.12E-06	1.23E-06	6.84E-06	3.85E-05
5798	491081.41	3859879.05	4.76E-02	4.87E-02	4.64E-02	1.65E-05	4.97E-05	2.88E-05	2.95E-05	2.67E-05	1.19E-05	1.16E-05	5.50E-07	1.33E-05	2.93E-06	4.00E-06	6.35E-06	1.09E-06	6.10E-06	3.43E-05
5799	491229.76	3859917.82	3.84E-02	3.93E-02	3.74E-02	1.33E-05	4.01E-05	2.32E-05	2.38E-05	2.16E-05	9.61E-06	9.37E-06	4.44E-07	1.07E-05	2.37E-06	3.23E-06	5.12E-06	8.82E-07	4.92E-06	2.77E-05
5800	491300.22	3859939.35	3.46E-02	3.54E-02	3.38E-02	1.20E-05	3.62E-05	2.10E-05	2.14E-05	1.94E-05	8.67E-06	8.45E-06	4.00E-07	9.67E-06	2.13E-06	2.91E-06	4.62E-06	7.95E-07	4.44E-06	2.50E-05
5801	491350.49	3860012.03	3.85E-02	3.94E-02	3.75E-02	1.33E-05	4.02E-05	2.33E-05	2.38E-05	2.16E-05	9.62E-06	9.39E-06	4.45E-07	1.07E-05	2.37E-06	3.23E-06	5.13E-06	8.83E-07	4.93E-06	2.77E-05
5802	491406.82	3860092.57	4.33E-02	4.44E-02	4.23E-02	1.50E-05	4.53E-05	2.62E-05	2.68E-05	2.43E-05	1.08E-05	1.06E-05	5.01E-07	1.21E-05	2.67E-06	3.64E-06	5.78E-06	9.96E-07	5.55E-06	3.12E-05
5803	491483.37	3860121.96	3.86E-02	3.95E-02	3.77E-02	1.34E-05	4.04E-05	2.34E-05	2.39E-05	2.17E-05	9.66E-06	9.42E-06	4.46E-07	1.08E-05	2.38E-06	3.25E-06	5.15E-06	8.87E-07	4.95E-06	2.78E-05
5804	491559.91	3860151.36	3.47E-02	3.55E-02	3.38E-02	1.20E-05	3.63E-05	2.10E-05	2.15E-05	1.95E-05	8.69E-06	8.47E-06	4.01E-07	9.69E-06	2.14E-06	2.92E-06	4.63E-06	7.97E-07	4.45E-06	2.50E-05
5805	491711.81	3860237.76	2.39E-02	2.45E-02	2.34E-02	8.29E-06	2.50E-05	1.45E-05	1.48E-05	1.34E-05	5.99E-06	5.84E-06	2.77E-07	6.69E-06	1.48E-06	2.01E-06	3.19E-06	5.50E-07	3.07E-06	1.73E-05
5806	491755.2	3860319.07	3.45E-02	3.54E-02	3.37E-02	1.20E-05	3.61E-05	2.09E-05	2.14E-05	1.94E-05	8.65E-06	8.43E-06	3.99E-07	9.65E-06	2.13E-06	2.91E-06	4.61E-06	7.93E-07	4.43E-06	2.49E-05
5807	491704.71	3860366.54	4.94E-02	5.06E-02	4.82E-02	1.71E-05	5.17E-05	2.99E-05	3.06E-05	2.77E-05	1.24E-05	1.21E-05	5.71E-07	1.38E-05	3.05E-06	4.16E-06	6.59E-06	1.14E-06	6.33E-06	3.56E-05
5808	491623.43	3860462.39	2.92E-02	2.99E-02	2.85E-02	1.01E-05	3.06E-05	1.77E-05	1.81E-05	1.64E-05	7.32E-06	7.14E-06	3.38E-07	8.16E-06	1.80E-06	2.46E-06	3.90E-06	6.72E-07	3.75E-06	2.11E-05
5809	491534.02	3860439.85	1.67E-02	1.71E-02	1.63E-02	5.79E-06	1.75E-05	1.01E-05	1.04E-05	9.39E-06	4.19E-06	4.08E-06	1.93E-07	4.67E-06	1.03E-06	1.41E-06	2.23E-06	3.84E-07	2.14E-06	1.21E-05
5810	491313.95	3860268.18	2.27E-02	2.32E-02	2.21E-02	7.84E-06	2.37E-05	1.37E-05	1.40E-05	1.27E-05	5.67E-06	5.53E-06	2.62E-07	6.32E-06	1.40E-06	1.90E-06	3.02E-06	5.20E-07	2.90E-06	1.63E-05
5811	491187.12	3860143.56	3.15E-02	3.23E-02	3.07E-02	1.09E-05	3.29E-05	1.91E-05	1.95E-05	1.77E-05	7.89E-06	7.69E-06	3.64E-07	8.80E-06	1.94E-06	2.65E-06	4.20E-06	7.24E-07	4.04E-06	2.27E-05
5812	491070.43	3860075.97	2.92E-02	2.99E-02	2.85E-02	1.01E-05	3.06E-05	1.77E-05	1.81E-05	1.64E-05	7.32E-06	7.14E-06	3.38E-07	8.16E-06	1.80E-06	2.46E-06	3.90E-06	6.72E-07	3.75E-06	2.11E-05
5813	490995.09	3860039.39	2.74E-02	2.81E-02	2.67E-02	9.49E-06	2.86E-05	1.66E-05	1.70E-05	1.54E-05	6.86E-06	6.69E-06	3.17E-07	7.65E-06	1.69E-06	2.30E-06	3.66E-06	6.29E-07	3.51E-06	1.98E-05
5814	490919.75	3860002.8	2.76E-02	2.82E-02	2.69E-02	9.54E-06	2.88E-05	1.67E-05	1.71E-05	1.55E-05	6.90E-06	6.73E-06	3.19E-07	7.69E-06	1.70E-06	2.32E-06	3.68E-06	6.33E-07	3.53E-06	1.99E-05
5815	490756.81	3859894.53	4.73E-02	4.85E-02	4.62E-02	1.64E-05	4.95E-05	2.86E-05	2.93E-05	2.66E-05	1.18E-05	1.16E-05	5.47E-07	1.32E-05	2.92E-06	3.98E-06	6.32E-06	1.09E-06	6.06E-06	3.41E-05
5816	490668.07	3859860.92	4.53E-02	4.63E-02	4.42E-02	1.57E-05	4.73E-05	2.74E-05	2.80E-05	2.54E-05	1.13E-05	1.11E-05	5.23E-07	1.26E-05	2.79E-06	3.81E-06	6.04E-06	1.04E-06	5.80E-06	3.26E-05
5817	490579.34	3859827.3	4.52E-02	4.63E-02	4.41E-02	1.57E-05	4.73E-05	2.74E-05	2.80E-05	2.54E-05	1.13E-05	1.10E-05	5.23E-07	1.26E-05	2.79E-06	3.80E-06	6.03E-06	1.04E-06	5.79E-06	3.26E-05
5818	490490.6	3859793.68	4.31E-02	4.41E-02	4.20E-02	1.49E-05	4.50E-05	2.60E-05	2.67E-05	2.42E-05	1.08E-05	1.05E-05	4.98E-07	1.20E-05	2.65E-06	3.62E-06	5.74E-06	9.89E-07	5.51E-06	3.10E-05
5819	490401.86	3859760.07	4.16E-02	4.25E-02	4.05E-02	1.44E-05	4.34E-05	2.51E-05	2.57E-05	2.33E-05	1.04E-05	1.01E-05	4.80E-07	1.16E-05	2.56E-06	3.49E-06	5.54E-06	9.54E-07	5.32E-06	3.00E-05
5820	490313.12	3859726.45	4.12E-02	4.22E-02	4.02E-02	1.43E-05	4.31E-05	2.49E-05	2.55E-05	2.31E-05	1.03E-05	1.01E-05	4.76E-07	1.15E-05	2.54E-06	3.47E-06	5.50E-06	9.47E-07	5.28E-06	2.97E-05
5821	490224.39	3859692.83	4.06E-02	4.16E-02	3.96E-02	1.41E-05	4.25E-05	2.46E-05	2.52E-05	2.28E-05	1.02E-05	9.92E-06	4.70E-07	1.13E-05	2.50E-06	3.42E-06	5.42E-06	9.33E-07	5.21E-06	2.93E-05
5822	490135.65	3859659.22	3.98E-02	4.07E-02	3.88E-02	1.38E-05	4.16E-05	2.41E-05	2.46E-05	2.23E-05	9.95E-06	9.71E-06	4.60E-07	1.11E-05	2.45E-06	3.34E-06	5.30E-06	9.13E-07	5.09E-06	2.87E-05
5823	489918.19	3859559.23	3.89E-02	3.98E-02	3.79E-02	1.34E-05	4.06E-05	2.35E-05	2.41E-05	2.18E-05	9.72E-06	9.48E-06	4.49E-07	1.08E-05	2.39E-06	3.27E-06	5.18E-06	8.92E-07	4.98E-06	2.80E-05
5824	489743.61	3859486	3.03E-02	3.10E-02	2.95E-02	1.05E-05	3.16E-05	1.83E-05	1.88E-05	1.70E-05	7.58E-06	7.39E-06	3.50E-07	8.45E-06	1.87E-06	2.55E-06	4.04E-06	6.95E-07	3.88E-06	2.18E-05
5825	489660.32	3859440.27	3.00E-02	3.07E-02	2.92E-02	1.04E-05	3.13E-05	1.81E-05	1.86E-05	1.68E-05	7.50E-06	7.32E-06	3.47E-07	8.37E-06	1.85E-06	2.52E-06	4.00E-06	6.89E-07	3.84E-06	2.16E-05
5826	489577.04	3859394.53	2.98E-02	3.05E-02	2.91E-02	1.03E-05	3.12E-05	1.81E-05	1.85E-05	1.68E-05	7.47E-06	7.28E-06	3.45E-07	8.33E-06	1.84E-06	2.51E-06	3.98E-06	6.85E-07	3.82E-06	2.15E-05
5827	489493.75	3859348.8	2.95E-02	3.02E-02	2.87E-02	1.02E-05	3.08E-05	1.78E-05	1.83E-05	1.65E-05	7.38E-06	7.19E-06	3.41E-07	8.23E-06	1.82E-06	2.48E-06	3.93E-06	6.77E-07	3.78E-06	2.12E-05
5828	489321.28	3859240.02	3.35E-02	3.43E-02	3.27E-02	1.16E-05	3.50E-05	2.03E-05	2.07E-05	1.88E-05	8.38E-06	8.17E-06	3.87E-07	9.35E-06	2.06E-06	2.82E-06	4.47E-06	7.69E-07	4.29E-06	2.41E-05
5829	489235.41	3859193.96	3.26E-02	3.34E-02	3.18E-02	1.13E-05	3.41E-05	1.97E-05	2.02E-05	1.83E-05	8.17E-06	7.96E-06	3.77E-07	9.11E-06	2.01E-06	2.74E-06	4.35E-06	7.49E-07	4.18E-06	2.35E-05
5830	489149.54	3859147.89	2.87E-02	2.94E-02	2.80E-02	9.93E-06	3.00E-05	1.74E-05	1.78E-05	1.61E-05	7.18E-06	7.00E-06	3.32E-07	8.01E-06	1.77E-06	2.41E-06	3.83E-06	6.59E-07	3.68E-06	2.07E-05
5831	489063.68	3859101.82	2.62E-02	2.68E-02	2.56E-02	9.08E-06	2.74E-05	1.59E-05	1.62E-05	1.47E-05	6.56E-06	6.40E-06	3.03E-07	7.32E-06	1.62E-06	2.21E-06	3.50E-06	6.02E-07	3.36E-06	1.89E-05
5832	488977.81	3859055.75	2.35E-02	2.41E-02	2.29E-02	8.14E-06	2.46E-05	1.42E-05	1.46E-05	1.32E-05	5.89E-06	5.74E-06	2.72E-07	6.57E-06	1.45E-06	1.98E-06	3.14E-06	5.40E-07	3.01E-06	1.70E-05
5833	488891.94	3859009.69	1.92E-02	1.96E-02	1.87E-02	6.64E-06	2.00E-05	1.16E-05	1.19E-05	1.08E-05	4.80E-06	4.68E-06	2.22E-07	5.35E-06	1.18E-06	1.61E-06	2.56E-06	4.40E-07	2.46E-06	1.38E-05
5834	488808	3859060.73	9.88E-03	1.01E-02	9.64E-03	3.42E-06	1.03E-05	5.98E-06	6.12E-06	5.55E-06	2.47E-06	2.41E-06	1.14E-07	2.76E-06	6.09E-07	8.31E-07	1.32E-06	2.27E-07	1.27E-06	7.12E-06
5835	488809.93	3859157.85	7.72E-03	7.90E-03	7.53E-03	2.67E-06	8.07E-06	4.67E-06	4.78E-06	4.33E-06	1.93E-06	1.88E-06	8.92E-08	2.15E-06	4.75E-07	6.49E-07	1.03E-06	1.77E-07	9.89E-07	5.56E-06
5836	488811.86	3859254.96	6.34E-03	6.49E-03	6.19E-03	2.20E-06	6.63E-06	3.84E-06	3.93E-06	3.56E-06	1.59E-06	1.55E-06	7.33E-08	1.77E-06	3.91E-07	5.34E-07	8.46E-07	1.46E-07	8.13E-07	4.57E-06
5837	488813.78	3859352.07	5.40E-03	5.52E-03	5.26E-03	1.87E-06	5.64E-06	3.27E-06	3.34E-06	3.03E-06	1.35E-06	1.32E-06	6.24E-08	1.51E-06	3.32E-07	4.54E-07	7.20E-07	1.24E-07	6.91E-07	3.89E-06
5838	488815.71	3859449.19	4.72E-03	4.84E-03	4.61E-03	1.64E-06	4.94E-06	2.86E-06	2.93E-06	2.65E-06	1.18E-06	1.15E-06	5.46E-08	1.32E-06	2.91E-07	3.97E-07	6.30E-07	1.09E-07	6.05E-07	3.41E-06
5839	488910.04	3859547.11	4.64E-03	4.75E-03	4.52E-03	1.61E-06	4.85E-06	2.81E-06	2.87E-06	2.60E-06	1.16E-06	1.13E-06	5.36E-08	1.30E-06	2.86E-07	3.90E-07	6.19E-07	1.07E-07	5.94E-07	3.34E-06
5840	489002.45	3859547.91	5.17E-03	5.29E-03	5.04E-03	1.79E-06	5.41E-06	3.13E-06	3.20E-06	2.90E-06	1.29E-06	1.26E-06	5.98E-08	1.44E-06	3.19E-07	4.35E-07	6.90E-07	1.19E-07	6.63E-07	3.73E-06
5841	489094.85	3859548.72	5.82E-03	5.96E-03	5.68E-03	2.01E-06	6.08E-06	3.52E-06	3.61E-06	3.27E-06	1.46E-06	1.42E-06	6.73E-08	1.63E-06	3.59E-07	4.89E-07	7.76E-07	1.34E-07	7.46E-07	4.20E-06
5842	489230.05	3859601.87	6.26E-03	6.41E-03	6.11E-03	2.17E-06	6.55E-06	3.79E-06	3.88E-06	3.52E-06	1.57E-06	1.53E-06	7.24E-08	1.75E-06	3.86E-07	5.27E-07	8.36E-07	1.44E-07	8.03E-07	4.52E-06
5843	489227.52	3859680.89	5.45E-03	5.58E-03	5.31E-03	1.89E-06	5.70E-06	3.30E-06	3.37E-06	3.06E-06	1.36E-06	1.33E-06	6.30E-08	1.52E-06	3.36E-07	4.58E-07	7.27E-07	1.25E-07	6.98E-07	3.93E-06
5844	489133.47	3859760.29	4.41E-03	4.52E-03	4.30E-03	1.53E-06	4.61E-06	2.67E-06	2.73E-06	2.48E-06	1.10E-06	1.08E-06	5.10E-08	1.23E-06	2.72E-07	3.71E-07	5.88E-07	1.01E-07	5.65E-07	3.18E-06
5845	489041.96	3859760.67	4.05E-03	4.14E-03	3.95E-03	1.40E-06	4.23E-06	2.45E-06	2.51E-06	2.27E-06	1.01E-06	9.88E-07	4.68E-08	1.13E-06	2.49E-07	3.40E-07	5.40E-07	9.30E-08	5.19E-07	2.92E-06
5846	488950.45	3859761.05	3.72E-03	3.81E-03	3.63E-03	1.29E-06	3.89E-06	2.25E-06	2.31E-06	2.09E-06	9.32E-07	9.09E-07	4.30E-08	1.04E-06	2.29E-07	3.13E-07	4.97E-07	8.55E-08	4.77E-07	2.68E-06
5847	488858.94	3859761.43	3.44E-03	3.52E-03	3.36E-03	1.19E-06	3.60E-06	2.08E-06	2.13E-06	1.93E-06	8.62E-07	8.40E-07	3.98E-08	9.61E-07	2.12E-07	2.89E-07	4.59E-07	7.91E-08	4.41E-07	2.48E-06
5848	488767.43	3859761.82	3.17E-03	3.24E-03	3.09E-03	1.10E-06	3.31E-06	1.92E-06	1.96E-06	1.78E-06	7.92E-07	7.73E-07	3.66E-08	8.84E-07	1.95E-07	2.66E-07	4.22E-07	7.27E-08	4.05E-07	2.28E-06
5849	488675.92	3859762.2	2.93E-03	3.00E-03	2.86E-03	1.01E-06	3.06E-06	1.77E-06	1.81E-06	1.64E-06	7.33E-07	7.15E-07	3.39E-08	8.18E-07	1.80E-07	2.46E-07	3.91E-07	6.73E-08	3.75E-07	2.11E-06
5850	488584.41	3859762.58	2.70E-03	2.76E-03	2.63E-03	9.35E-07	2.82E-06	1.63E-06	1.67E-06	1.52E-06	6.76E-07	6.59E-07	3.12E-08	7.54E-07	1.66E-07	2.27E-07	3.60E-07	6.20E-08	3.46E-07	1.95E-06
5851	488492.9	3859762.96	2.50E-03	2.56E-03	2.44E-03	8.66E-07	2.61E-06	1.51E-06	1.55E-06	1.40E-06	6.26E-07	6.11E-07	2.89E-08	6.98E-07	1.54E-07	2.10E-07	3.34E-07	5.74E-08	3.20E-07	1.80E-06

5852	488402.76	3859830.95	2.24E-03	2.29E-03	2.18E-03	7.74E-07	2.34E-06	1.35E-06	1.38E-06	1.25E-06	5.59E-07	5.46E-07	2.58E-08	6.24E-07	1.38E-07	1.88E-07	2.98E-07	5.13E-08	2.86E-07	1.61E-06
5853	488404.14	3859898.55	2.14E-03	2.19E-03	2.09E-03	7.40E-07	2.24E-06	1.29E-06	1.32E-06	1.20E-06	5.35E-07	5.22E-07	2.47E-08	5.97E-07	1.32E-07	1.80E-07	2.85E-07	4.91E-08	2.74E-07	1.54E-06
5854	488505.18	3859964.96	2.20E-03	2.26E-03	2.15E-03	7.63E-07	2.30E-06	1.33E-06	1.37E-06	1.24E-06	5.52E-07	5.38E-07	2.55E-08	6.16E-07	1.36E-07	1.85E-07	2.94E-07	5.06E-08	2.82E-07	1.59E-06
5855	488604.85	3859963.76	2.37E-03	2.42E-03	2.31E-03	8.19E-07	2.47E-06	1.43E-06	1.46E-06	1.33E-06	5.92E-07	5.77E-07	2.73E-08	6.60E-07	1.46E-07	1.99E-07	3.16E-07	5.43E-08	3.03E-07	1.71E-06
5856	488704.51	3859962.56	2.54E-03	2.60E-03	2.48E-03	8.81E-07	2.66E-06	1.54E-06	1.58E-06	1.43E-06	6.37E-07	6.21E-07	2.94E-08	7.10E-07	1.57E-07	2.14E-07	3.39E-07	5.84E-08	3.26E-07	1.83E-06
5857	488804.18	3859961.37	2.74E-03	2.80E-03	2.67E-03	9.48E-07	2.86E-06	1.66E-06	1.70E-06	1.54E-06	6.86E-07	6.69E-07	3.17E-08	7.65E-07	1.69E-07	2.30E-07	3.66E-07	6.29E-08	3.51E-07	1.98E-06
5858	488903.85	3859960.17	2.95E-03	3.02E-03	2.88E-03	1.02E-06	3.08E-06	1.79E-06	1.83E-06	1.66E-06	7.38E-07	7.20E-07	3.41E-08	8.24E-07	1.82E-07	2.48E-07	3.94E-07	6.78E-08	3.78E-07	2.13E-06
5859	489003.52	3859958.97	3.17E-03	3.25E-03	3.09E-03	1.10E-06	3.31E-06	1.92E-06	1.96E-06	1.78E-06	7.94E-07	7.74E-07	3.67E-08	8.85E-07	1.95E-07	2.67E-07	4.23E-07	7.28E-08	4.06E-07	2.29E-06
5860	489103.18	3859957.77	3.41E-03	3.49E-03	3.33E-03	1.18E-06	3.57E-06	2.07E-06	2.11E-06	1.92E-06	8.54E-07	8.33E-07	3.95E-08	9.53E-07	2.10E-07	2.87E-07	4.55E-07	7.84E-08	4.37E-07	2.46E-06
5861	489201.48	3860046.59	3.35E-03	3.43E-03	3.27E-03	1.16E-06	3.50E-06	2.03E-06	2.07E-06	1.88E-06	8.38E-07	8.17E-07	3.87E-08	9.35E-07	2.06E-07	2.82E-07	4.47E-07	7.69E-08	4.29E-07	2.41E-06
5862	489200.11	3860136.61	3.04E-03	3.11E-03	2.97E-03	1.05E-06	3.18E-06	1.84E-06	1.88E-06	1.71E-06	7.61E-07	7.43E-07	3.52E-08	8.50E-07	1.87E-07	2.56E-07	4.06E-07	6.99E-08	3.90E-07	2.19E-06
5863	489198.74	3860226.63	2.78E-03	2.85E-03	2.71E-03	9.64E-07	2.91E-06	1.68E-06	1.72E-06	1.56E-06	6.97E-07	6.79E-07	3.22E-08	7.77E-07	1.72E-07	2.34E-07	3.71E-07	6.39E-08	3.57E-07	2.01E-06
5864	489197.38	3860316.66	2.56E-03	2.62E-03	2.49E-03	8.85E-07	2.67E-06	1.55E-06	1.58E-06	1.43E-06	6.40E-07	6.24E-07	2.95E-08	7.14E-07	1.57E-07	2.15E-07	3.41E-07	5.87E-08	3.27E-07	1.84E-06
5865	489196.01	3860406.68	2.36E-03	2.42E-03	2.31E-03	8.19E-07	2.47E-06	1.43E-06	1.46E-06	1.33E-06	5.92E-07	5.77E-07	2.73E-08	6.60E-07	1.46E-07	1.99E-07	3.15E-07	5.43E-08	3.03E-07	1.71E-06
5866	489194.64	3860496.7	2.18E-03	2.23E-03	2.13E-03	7.55E-07	2.28E-06	1.32E-06	1.35E-06	1.22E-06	5.46E-07	5.32E-07	2.52E-08	6.09E-07	1.34E-07	1.83E-07	2.91E-07	5.01E-08	2.79E-07	1.57E-06
5867	489193.27	3860586.72	2.03E-03	2.08E-03	1.98E-03	7.04E-07	2.13E-06	1.23E-06	1.26E-06	1.14E-06	5.09E-07	4.96E-07	2.35E-08	5.68E-07	1.25E-07	1.71E-07	2.71E-07	4.67E-08	2.60E-07	1.47E-06
5868	489092.02	3860678.13	1.82E-03	1.86E-03	1.78E-03	6.31E-07	1.90E-06	1.10E-06	1.13E-06	1.02E-06	4.56E-07	4.45E-07	2.11E-08	5.09E-07	1.12E-07	1.53E-07	2.43E-07	4.18E-08	2.33E-07	1.31E-06
5869	488992.13	3860679.53	1.75E-03	1.79E-03	1.71E-03	6.06E-07	1.83E-06	1.06E-06	1.08E-06	9.82E-07	4.38E-07	4.27E-07	2.02E-08	4.89E-07	1.08E-07	1.47E-07	2.33E-07	4.02E-08	2.24E-07	1.26E-06
5870	488892.25	3860680.92	1.68E-03	1.72E-03	1.64E-03	5.83E-07	1.76E-06	1.02E-06	1.04E-06	9.45E-07	4.21E-07	4.11E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.25E-07	3.87E-08	2.16E-07	1.21E-06
5871	488792.36	3860682.31	1.62E-03	1.66E-03	1.58E-03	5.60E-07	1.69E-06	9.79E-07	1.00E-06	9.08E-07	4.05E-07	3.95E-07	1.87E-08	4.52E-07	9.97E-08	1.36E-07	2.16E-07	3.72E-08	2.07E-07	1.17E-06
5872	488692.48	3860683.7	1.56E-03	1.59E-03	1.52E-03	5.39E-07	1.63E-06	9.43E-07	9.65E-07	8.75E-07	3.90E-07	3.80E-07	1.80E-08	4.35E-07	9.60E-08	1.31E-07	2.08E-07	3.58E-08	2.00E-07	1.12E-06
5873	488592.59	3860685.1	1.49E-03	1.53E-03	1.45E-03	5.16E-07	1.56E-06	9.02E-07	9.24E-07	8.37E-07	3.73E-07	3.64E-07	1.72E-08	4.16E-07	9.19E-08	1.25E-07	1.99E-07	3.43E-08	1.91E-07	1.08E-06
5874	488492.71	3860686.49	1.44E-03	1.48E-03	1.41E-03	5.00E-07	1.51E-06	8.73E-07	8.94E-07	8.10E-07	3.61E-07	3.52E-07	1.67E-08	4.03E-07	8.89E-08	1.21E-07	1.93E-07	3.31E-08	1.85E-07	1.04E-06
5875	488299.07	3860762.18	1.32E-03	1.35E-03	1.28E-03	4.56E-07	1.38E-06	7.97E-07	8.16E-07	7.40E-07	3.30E-07	3.22E-07	1.52E-08	3.68E-07	8.12E-08	1.11E-07	1.76E-07	3.03E-08	1.69E-07	9.50E-07
5876	488205.32	3860764.09	1.26E-03	1.29E-03	1.23E-03	4.38E-07	1.32E-06	7.65E-07	7.83E-07	7.10E-07	3.17E-07	3.09E-07	1.46E-08	3.53E-07	7.79E-08	1.06E-07	1.69E-07	2.91E-08	1.62E-07	9.12E-07
5877	488111.56	3860766	1.21E-03	1.24E-03	1.18E-03	4.19E-07	1.27E-06	7.33E-07	7.50E-07	6.80E-07	3.03E-07	2.96E-07	1.40E-08	3.38E-07	7.47E-08	1.02E-07	1.62E-07	2.78E-08	1.55E-07	8.74E-07
5878	488017.81	3860767.91	1.16E-03	1.19E-03	1.13E-03	4.02E-07	1.21E-06	7.02E-07	7.19E-07	6.52E-07	2.90E-07	2.83E-07	1.34E-08	3.24E-07	7.15E-08	9.76E-08	1.55E-07	2.67E-08	1.49E-07	8.37E-07
5879	487924.06	3860769.81	1.11E-03	1.14E-03	1.09E-03	3.86E-07	1.17E-06	6.75E-07	6.91E-07	6.26E-07	2.79E-07	2.72E-07	1.29E-08	3.11E-07	6.87E-08	9.38E-08	1.49E-07	2.56E-08	1.43E-07	8.04E-07
5880	487830.31	3860771.72	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.50E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.62E-08	9.03E-08	1.43E-07	2.47E-08	1.38E-07	7.74E-07
5881	487736.55	3860773.63	1.04E-03	1.06E-03	1.01E-03	3.59E-07	1.08E-06	6.27E-07	6.42E-07	5.82E-07	2.59E-07	2.53E-07	1.20E-08	2.89E-07	6.39E-08	8.72E-08	1.38E-07	2.38E-08	1.33E-07	7.47E-07
5882	487642.8	3860775.54	1.01E-03	1.03E-03	9.81E-04	3.48E-07	1.05E-06	6.08E-07	6.23E-07	5.64E-07	2.52E-07	2.45E-07	1.16E-08	2.81E-07	6.19E-08	8.45E-08	1.34E-07	2.31E-08	1.29E-07	7.25E-07
5883	487549.48	3860684.71	1.00E-03	1.03E-03	9.80E-04	3.48E-07	1.05E-06	6.08E-07	6.22E-07	5.64E-07	2.51E-07	2.45E-07	1.16E-08	2.81E-07	6.19E-08	8.45E-08	1.34E-07	2.31E-08	1.29E-07	7.24E-07
5884	487549.91	3860591.97	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.07E-06	6.22E-07	6.37E-07	5.77E-07	2.57E-07	2.51E-07	1.19E-08	2.87E-07	6.33E-08	8.64E-08	1.37E-07	2.36E-08	1.32E-07	7.41E-07
5885	487550.34	3860499.23	1.06E-03	1.08E-03	1.03E-03	3.66E-07	1.10E-06	6.40E-07	6.55E-07	5.93E-07	2.65E-07	2.58E-07	1.22E-08	2.95E-07	6.51E-08	8.89E-08	1.41E-07	2.43E-08	1.35E-07	7.62E-07
5886	487550.76	3860406.49	1.09E-03	1.12E-03	1.06E-03	3.77E-07	1.14E-06	6.59E-07	6.75E-07	6.12E-07	2.73E-07	2.66E-07	1.26E-08	3.04E-07	6.71E-08	9.16E-08	1.45E-07	2.50E-08	1.40E-07	7.86E-07
5887	487551.19	3860313.75	1.12E-03	1.15E-03	1.09E-03	3.87E-07	1.17E-06	6.77E-07	6.93E-07	6.28E-07	2.80E-07	2.73E-07	1.29E-08	3.13E-07	6.90E-08	9.41E-08	1.49E-07	2.57E-08	1.43E-07	8.07E-07
5888	487551.62	3860221.01	1.15E-03	1.18E-03	1.12E-03	3.99E-07	1.20E-06	6.97E-07	7.13E-07	6.47E-07	2.88E-07	2.81E-07	1.33E-08	3.22E-07	7.10E-08	9.69E-08	1.54E-07	2.65E-08	1.48E-07	8.30E-07
5889	487552.05	3860128.27	1.19E-03	1.22E-03	1.16E-03	4.13E-07	1.25E-06	7.22E-07	7.39E-07	6.69E-07	2.98E-07	2.91E-07	1.38E-08	3.33E-07	7.35E-08	1.00E-07	1.59E-07	2.74E-08	1.53E-07	8.60E-07
5890	487552.48	3860035.53	1.23E-03	1.26E-03	1.20E-03	4.26E-07	1.29E-06	7.45E-07	7.62E-07	6.91E-07	3.08E-07	3.00E-07	1.42E-08	3.44E-07	7.58E-08	1.04E-07	1.64E-07	2.83E-08	1.58E-07	8.88E-07
5891	487552.91	3859942.79	1.26E-03	1.29E-03	1.23E-03	4.36E-07	1.32E-06	7.61E-07	7.79E-07	7.07E-07	3.15E-07	3.07E-07	1.45E-08	3.51E-07	7.75E-08	1.06E-07	1.68E-07	2.89E-08	1.61E-07	9.07E-07
5892	487553.33	3859850.05	1.30E-03	1.33E-03	1.27E-03	4.50E-07	1.36E-06	7.86E-07	8.05E-07	7.30E-07	3.25E-07	3.17E-07	1.50E-08	3.63E-07	8.01E-08	1.09E-07	1.73E-07	2.98E-08	1.66E-07	9.37E-07
5893	487553.76	3859757.31	1.33E-03	1.36E-03	1.30E-03	4.61E-07	1.39E-06	8.06E-07	8.25E-07	7.48E-07	3.33E-07	3.25E-07	1.54E-08	3.72E-07	8.21E-08	1.12E-07	1.78E-07	3.06E-08	1.71E-07	9.60E-07
5894	487554.19	3859664.57	1.36E-03	1.39E-03	1.33E-03	4.71E-07	1.42E-06	8.24E-07	8.43E-07	7.64E-07	3.41E-07	3.32E-07	1.57E-08	3.80E-07	8.39E-08	1.14E-07	1.82E-07	3.13E-08	1.74E-07	9.82E-07
5895	487460.2	3859571.05	1.31E-03	1.34E-03	1.27E-03	4.52E-07	1.37E-06	7.90E-07	8.09E-07	7.33E-07	3.27E-07	3.19E-07	1.51E-08	3.65E-07	8.05E-08	1.10E-07	1.74E-07	3.00E-08	1.67E-07	9.42E-07
5896	487365.78	3859570.27	1.24E-03	1.27E-03	1.21E-03	4.30E-07	1.30E-06	7.51E-07	7.69E-07	6.97E-07	3.11E-07	3.03E-07	1.43E-08	3.47E-07	7.65E-08	1.04E-07	1.66E-07	2.85E-08	1.59E-07	8.95E-07
5897	487271.36	3859569.48	1.18E-03	1.21E-03	1.15E-03	4.09E-07	1.23E-06	7.15E-07	7.31E-07	6.63E-07	2.96E-07	2.88E-07	1.37E-08	3.30E-07	7.28E-08	9.93E-08	1.58E-07	2.71E-08	1.51E-07	8.51E-07
5898	487176.94	3859568.7	1.13E-03	1.15E-03	1.10E-03	3.90E-07	1.18E-06	6.82E-07	6.98E-07	6.33E-07	2.82E-07	2.75E-07	1.30E-08	3.15E-07	6.94E-08	9.47E-08	1.50E-07	2.59E-08	1.44E-07	8.12E-07
5899	487082.51	3859567.92	1.08E-03	1.10E-03	1.05E-03	3.73E-07	1.13E-06	6.53E-07	6.68E-07	6.06E-07	2.70E-07	2.63E-07	1.25E-08	3.01E-07	6.65E-08	9.07E-08	1.44E-07	2.48E-08	1.38E-07	7.78E-07
5900	486988.09	3859567.14	1.03E-03	1.06E-03	1.01E-03	3.58E-07	1.08E-06	6.26E-07	6.41E-07	5.81E-07	2.59E-07	2.53E-07	1.20E-08	2.89E-07	6.38E-08	8.70E-08	1.38E-07	2.38E-08	1.33E-07	7.46E-07
5901	486893.67	3859566.36	9.95E-04	1.02E-03	9.70E-04	3.44E-07	1.04E-06	6.02E-07	6.16E-07	5.59E-07	2.49E-07	2.43E-07	1.15E-08	2.78E-07	6.13E-08	8.37E-08	1.33E-07	2.29E-08	1.27E-07	7.17E-07
5902	486799.25	3859565.58	9.58E-04	9.81E-04	9.34E-04	3.32E-07	1.00E-06	5.80E-07	5.93E-07	5.38E-07	2.40E-07	2.34E-07	1.11E-08	2.68E-07	5.90E-08	8.06E-08	1.28E-07	2.20E-08	1.23E-07	6.91E-07
5903	486704.83	3859564.79	9.25E-04	9.47E-04	9.02E-04	3.20E-07	9.67E-07	5.60E-07	5.73E-07	5.19E-07	2.31E-07	2.26E-07	1.07E-08	2.58E-07	5.70E-08	7.78E-08	1.23E-07	2.12E-08	1.18E-07	6.67E-07
5904	486610.41	3859564.01	8.94E-04	9.15E-04	8.72E-04	3.09E-07	9.34E-07	5.41E-07	5.54E-07	5.02E-07	2.24E-07	2.18E-07	1.03E-08	2.50E-07	5.51E-08	7.52E-08	1.19E-07	2.05E-08	1.15E-07	6.45E-07
5905	486515.99	3859563.23	8.64E-04	8.84E-04	8.43E-04	2.99E-07	9.03E-07	5.23E-07	5.35E-07	4.85E-07	2.16E-07	2.11E-07	9.99E-09	2.41E-07	5.32E-08	7.26E-08	1.15E-07	1.98E-08	1.11E-07	6.23E-07
5906	486421.57	3859562.45	8.37E-04	8.57E-04	8.17E-04	2.90E-07	8.75E-07	5.07E-07	5.19E-07	4.70E-07	2.10E-07	2.04E-07	9.68E-09	2.34E-07	5.16E-08	7.04E-08	1.12E-07	1.92E-08	1.07E-07	6.04E-07
5907	486327.14	3859561.67	8.13E-04	8.33E-04	7.93E-04	2.82E-07	8.50E-07	4.92E-07	5.04E-07	4.57E-07	2.04E-07	1.99E-07	9.40E-09	2.27E-07	5.01E-08	6.84E-08	1.09E-07	1.87E-08	1.04E-07	5.86E-07
5908	486232.72	3859560.89	7.90E-04	8.08E-04	7.70E-04	2.73E-07	8.25E-07	4.78E-07	4.89E-07	4.43E-07	1.98E-07	1.93E-07	9.13E-09	2.21E-07	4.87E-08	6.64E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
5909	486138.3	3859560.1	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.88E-07	8.88E-09	2.15E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
5910	486043.88	3859559.32	7.48E-04	7.66E-04	7.29E-04	2.59E-07	7.82E-07	4.53E-07	4.63E-07	4.20E-07	1.87E-07	1.83E-07	8.65E-09	2.09E-07	4.61E-08	6.29E-08	9.98E-08	1.72E-08	9.58E-08	5.39E-07
5911	485949.35	3859463.54	7.37E-04	7.54E-04	7.19E-04	2.55E-07	7.70E-07	4.46E-07	4.56E-07	4.14E-07	1.84E-07	1.80E-07	8.52E-09	2.06E-07	4.54E-08	6.20E-08	9.83E-08	1.69E-08	9.44E-08	5.31E-07
5912	485949.24	3859368.55	7.45E-04	7.62E-04	7.26E-04	2.58E-07	7.79E-07	4.51E-07	4.61E-07	4.18E-07	1.86E-07	1.82E-07	8.61E-09	2.08E-07	4.59E-08	6.26E-08	9.94E-08	1.71E-08	9.54E-08	5.37E-07
5913	485949.12	3859273.55	7.53E-04	7.70E-04	7.34E-04	2.61E-07	7.87E-07	4.55E-07	4.66E-07	4.23E-07	1.88E-07	1.84E-07	8.70E-09	2.10E-07	4.64E-08	6.33E-08	1.00E-07	1.73E-08	9.64E-08	5.43E-07
5914	485949.01	3859178.56	7.60E-04	7.78E-04	7.41E-04	2.63E-07	7.94E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.85E-07	8.78E-09	2.12E-07	4.68E-08	6.39E-08	1.01E-07	1.75E-08	9.73E-08	5.48E-07
5915	485948.9	3859083.56	7.68E-04	7.86E-04	7.49E-04	2.66E-07	8.03E-07	4.65E-07	4.76E-07	4.31E-07	1.92E-07	1.87E-07	8.88E-09	2.14E-07	4.73E-08	6.46E-08	1.02E-07	1.76E-08	9.84E-08	5.54E-07
5916	485948.79	3858988.56	7.75E-04	7.94E-04	7.56E-04	2.68E-07	8.10E-07	4.69E-07	4.80E-07	4.35E-07	1.94E-07	1.89E-07	8.96E-09	2.16E-07	4.78E-08	6.52E-08	1.03E-07	1.78E-08	9.93E-08	5.59E-07
5917	485948.67	3858893.57	7.82E-04	8.00E-04	7.62E-04	2.71E-07	8.17E-07	4.73E-07	4.84E-07	4.39E-07	1.96E-07	1.91E-07	9.03E-09	2.18E-07	4.82E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
5918	485948.56	3858798.57	7.87E-04	8.06E-04	7.68E-04	2.73E-07	8.23E-07	4.76E-07	4.88E-07	4.42E-07	1.97E-07	1.92E-07	9.10E-09	2.20E-07	4.85E-08	6.62E-08	1.05E-07	1.81E-08	1.01E-07	5.68E-07
5919	485948.45	3858703.58	7.89E-04	8.08E-04	7.69E-04	2.73E-07	8.25E-07	4.77E-07	4.89E-07	4.43E-07	1.97E-07	1.93E-07	9.12E-09	2.20E-07	4.86E-08	6.63E-08	1.05E-07	1.81E-08	1.01E-07	5.69E-07
5920	485948.34	3858608.58	7.91E-04	8.09E-04	7.71E-04	2.74E-07	8.26E-07	4.78E-07	4.90E-07	4.44E-07	1.98E-07	1.93E-07	9.14E-09	2.21E-07	4.87E-08	6.65E-08	1.05E-07	1.82E-08	1.01E-07	5.70E-07
5921	485948.22	3858513.59	7.90E-04	8.09E-04	7.71E-04	2.74E-07	8.26E-07	4.78E-07	4.89E-07	4.44E-07	1.98E-07	1.93E-07	9.13E-09	2.21E-07	4.87E-08	6.65E-08	1.05E-07	1.81E-08	1.01E-07	5.70E-07
5922	485948.11	3858418.59	7.86E-04	8.05E-04	7.67E-04	2.72E-07	8.22E-07	4.76E-07	4.87E-07	4.42E-07	1.97E-07	1.92E-07	9.09E-09	2.20E-07	4.85E-08	6.61E-08	1.05E-07	1.81E-08	1.01E-07	5.67E-07
5923	485948	3858323.59	7.81E-04	7.99E-04	7.61E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.38E-07	1.95E-07	1.91E-07	9.03E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.79E-08	1.00E-07	5.63E-07
5924	485947.89	3858228.6	7.71E-04	7.89E-04	7.52E-04	2.67E-07	8.05E-07	4.66E-07	4.77E-07	4.33E-07	1.93E-07	1.88E-07	8.91E-09	2.15E-07	4.75E-08	6.48E-08	1.03E-07	1.77E-08	9.87E-08	5.56E-07
5925	485947.77	3858133.6	7.58E-04	7.76E-04	7.40E-04	2.63E-07	7.93E-07	4.59E-07	4.70E-07	4.26E-07	1.90E-07	1.85E-07	8.77E-09	2.12E-07	4.67E-08	6.38E-08	1.01E-07	1.74E-08	9.71E-08	5.47E-07
5926	485947.66	3858038.61	7.47E-04	7.65E-04	7.29E-04	2.59E-07	7.81E-07	4.52E-07	4.63E-07	4.20E-07	1.87E-07	1.82E-07	8.64E-09	2.09E-07	4.60E-08	6.28E-08	9.97E-08	1.72E-08	9.57E-08	5.39E-07
5927	485854.54	3857943.35	7.28E-04	7.45E-04	7.10E-04	2.52E-07	7.61E-07	4.41E-07	4.51E-07	4.09E-07	1.82E-07	1.78E-07	8.42E-09	2.03E-07	4.49E-08	6.12E-08	9.71E-08	1.67E-08	9.33E-08	5.25E-07
5928	485761.52	3857943.09	7.22E-04	7.39E-04	7.04E-04	2.50E-07	7.55E-07	4.37E-07	4.47E-07	4.05E-07	1.81E-07	1.76E-07	8.35E-09	2.02E-07	4.45E-08	6.07E-08	9.63E-08	1.66E-08	9.25E-08	5.21E-07
5929	485668.51	3857942.83	7.17E-04	7.34E-04	6.99E-04	2.48E-07	7.49E-07	4.34E-07	4.44E-07	4.02E-07	1.79E-07	1.75E-07	8.29E-09	2.00E-07	4.42E-08	6.03E-08	9.56E-08	1.65E-08	9.18E-08	5.17E-07
5930	485575.5	3857942.56	7.10E-04	7.27E-04	6.93E-04	2.46E-07	7.42E-07	4.30E-07	4.40E-07	3.99E-07	1.78E-07	1.73E-07	8.21E-09	1.98E-07	4.38E-08	5.97E-08	9.48E-08	1.63E-08	9.10E-08	5.12E-07
5931	485482.48	3857942.3	7.05E-04	7.21E-04	6.87E-04	2.44E-07	7.36E-07	4.26E-07	4.36E-07	3.96E-07	1.76E-07	1.72E-07	8.14E-09	1.97E-07	4.34E-08	5.92E-08	9.40E-08	1.62E-08	9.03E-08	5.08E-07
5932	485389.47	3857942.04	6.98E-04	7.15E-04	6.81E-04	2.42E-07	7.30E-07	4.23E-07	4.33E-07	3.92E-07	1.75E-07	1.70E-07	8.07E-09	1.95E-07	4.30E-08	5.87E-08	9.32E-08	1.60E-08	8.95E-08	5.03E-07
5933	485296.46	3857941.78	6.92E-04	7.08E-04	6.75E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.73E-07	1.69E-07	8.00E-09	1.93E-07	4.26E-08	5.82E-08	9.23E-08	1.59E-08	8.87E-08	4.99E-07
5934	485203.45	3857941.52	6.86E-04	7.02E-04	6.69E-04	2.38E-07	7.17E-07	4.15E-07	4.25E-07	3.85E-07	1.72E-07	1.67E-07	7.93E-09	1.92E-07	4.23E-08	5.77E-08	9.15E-08	1.58E-08	8.79E-08	4.95E-07
5935	485110.43	3857941.26	6.79E-04	6.95E-04	6.63E-04	2.35E-07	7.10E-07	4.11E-07	4.21E-07	3.81E-07	1.70E-07	1.66E-07	7.85E-09	1.90E-07	4.19E-08	5.71E-08	9.06E-08	1.56E-08	8.70E-08	4.90E-07
5936	485017.42	3857940.99	6.73E-04	6.89E-04	6.56E-04	2.33E-07	7.03E-07	4.07E-07	4.17E-07	3.78E-07	1.68E-07	1.64E-07	7.78E-09	1.88E-07	4.14E-08	5.66E-08	8.97E-08	1.54E-08	8.62E-08	4.85E-07
5937	484924.41	3857940.73	6.66E-04	6.82E-04	6.50E-04	2.31E-07	6.96E-07	4.03E-07	4.13E-07	3.74E-07	1.67E-07	1.63E-07	7.70E-09	1.86E-07	4.10E-08	5.60E-08	8.89E-08	1.53E-08	8.53E-08	4.80E-07
5938	484831.39	3857940.47	6.60E-04	6.76E-04	6.44E-04	2.29E-07	6.90E-07	3.99E-07	4.09E-07	3.71E-07	1.65E-07	1.61E-07	7.63E-09	1.84E-07	4.07E-08	5.55E-08	8.81E-08	1.52E-08	8.46E-08	4.76E-07
5939	484738.12	3857859.3	6.54E-04	6.70E-04	6.38E-04	2.26E-07	6.84E-07	3.96E-07	4.05E-07	3.67E-07	1.64E-07	1.60E-07	7.56E-09	1.83E-07	4.03E-08	5.50E-08	8.73E-08	1.50E-08	8.38E-08	4.72E-07
5940	484737.85	3857778.4	6.54E-04	6.70E-04	6.38E-04	2.26E-07	6.84E-07	3.96E-07	4.05E-07	3.67E-07	1.64E-07	1.60E-07	7.56E-09	1.83E-07	4.03E-08	5.50E-08	8.73E-08	1.50E-08	8.38E-08	4.72E-07
5941	484737.59	3857697.49	6.53E-04	6.69E-04	6.37E-04	2.26E-07	6.83E-07	3.95E-07	4.05E-07	3.67E-07	1.64E-07	1.60E-07	7.55E-09	1.82E-07	4.03E-08	5.50E-08	8.72E-08	1.50E-08	8.37E-08	4.71E-07
5942	484737.32	3857616.59	6.53E-04	6.68E-04	6.37E-04	2.26E-07	6.82E-07	3.95E-07	4.04E-07	3.66E-07	1.63E-07	1.59E-07	7.55E-09	1.82E-07	4.02E-08	5.49E-08	8.71E-08	1.50E-08	8.36E-08	4.71E-07
5943	484645.53	3857535.18	6.49E-04	6.64E-04	6.33E-04	2.25E-07	6.78E-07	3.93E-07	4.02E-07	3.64E-07	1.62E-07	1.58E-07	7.50E-09	1.81E-07	4.00E-08	5.46E-08	8.66E-08	1.49E-08	8.31E-08	4.68E-07
5944	484553.99	3857534.67	6.46E-04	6.62E-04	6.30E-04	2.24E-07	6.75E-07	3.91E-07	4.00E-07	3.63E-07	1.62E-07	1.58E-07	7.47E-09	1.80E-07	3.98E-08	5.43E-08	8.62E-08	1.48E-08	8.28E-08	4.66E-07
5945	484462.46	3857534.17	6.44E-04	6.59E-04	6.28E-04	2.23E-07	6.73E-07	3.90E-07	3.99E-07	3.62E-07	1.61E-07	1.57E-07	7.44E-09	1.80E-07	3.97E-08	5.42E-08	8.59E-08	1.48E-08	8.25E-08	4.64E-07
5946	484370.93	3857533.66	6.42E-04	6.57E-04	6.26E-04	2.22E-07	6.71E-07	3.88E-07	3.98E-07	3.60E-07	1.61E-07	1.57E-07	7.42E-09	1.79E-07	3.96E-08	5.40E-08	8.56E-08	1.47E-08	8.22E-08	4.63E-07
5947	484279.4	3857533.16	6.40E-04	6.55E-04	6.24E-04	2.22E-07	6.69E-07	3.87E-07	3.97E-07	3.59E-07	1.60E-07	1.56E-07	7.40E-09	1.79E-07	3.95E-08	5.38E-08	8.54E-08	1.47E-08	8.20E-08	4.62E-07
5948	484187.86	3857532.65	6.39E-04	6.54E-04	6.23E-04	2.21E-07	6.67E-07	3.86E-07	3.95E-07	3.59E-07	1.60E-07	1.56E-07	7.38E-09	1.78E-07	3.93E-08	5.37E-08	8.52E-08	1.47E-08	8.18E-08	4.60E-07
5949	484096.33	3857532.15	6.37E-04	6.52E-04	6.22E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.60E-07	1.56E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.50E-08	1.46E-08	8.16E-08	4.59E-07
5950	484004.8	3857531.64	6.35E-04	6.50E-04	6.20E-04	2.20E-07	6.64E-07	3.84E-07	3.93E-07	3.57E-07	1.59E-07	1.55E-07	7.34E-09	1.77E-07	3.91E-08	5.34E-08	8.48E-08	1.46E-08	8.14E-08	4.58E-07
5951	483913.27	3857531.14	6.33E-04	6.48E-04	6.17E-04	2.19E-07	6.61E-07	3.83E-07	3.92E-07	3.55E-07	1.58E-07	1.54E-07	7.32E-09	1.77E-07	3.90E-08	5.32E-08	8.44E-08	1.45E-08	8.11E-08	4.56E-07
5952	483821.73	3857530.63	6.30E-04	6.45E-04	6.15E-04	2.18E-07	6.59E-07	3.81E-07	3.90E-07	3.54E-07	1.58E-07	1.54E-07	7.28E-09	1.76E-07	3.88E-08	5.30E-08	8.41E-08	1.45E-08	8.07E-08	4.54E-07

5953	483729.61	3857450.11	6.31E-04	6.46E-04	6.16E-04	2.19E-07	6.60E-07	3.82E-07	3.91E-07	3.54E-07	1.58E-07	1.54E-07	7.30E-09	1.76E-07	3.89E-08	5.31E-08	8.42E-08	1.45E-08	8.09E-08	4.55E-07
5954	483729.03	3857370.08	6.36E-04	6.51E-04	6.20E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.59E-07	1.55E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.48E-08	1.46E-08	8.14E-08	4.58E-07
5955	483728.44	3857290.06	6.40E-04	6.55E-04	6.24E-04	2.21E-07	6.69E-07	3.87E-07	3.96E-07	3.59E-07	1.60E-07	1.56E-07	7.40E-09	1.79E-07	3.94E-08	5.38E-08	8.53E-08	1.47E-08	8.20E-08	4.61E-07
5956	483727.86	3857210.03	6.44E-04	6.59E-04	6.28E-04	2.23E-07	6.73E-07	3.90E-07	3.99E-07	3.61E-07	1.61E-07	1.57E-07	7.44E-09	1.80E-07	3.97E-08	5.41E-08	8.59E-08	1.48E-08	8.25E-08	4.64E-07
5957	483641.15	3857129.07	6.47E-04	6.63E-04	6.31E-04	2.24E-07	6.77E-07	3.92E-07	4.01E-07	3.63E-07	1.62E-07	1.58E-07	7.48E-09	1.81E-07	3.99E-08	5.44E-08	8.63E-08	1.49E-08	8.29E-08	4.67E-07
5958	483555.03	3857128.14	6.46E-04	6.61E-04	6.30E-04	2.23E-07	6.75E-07	3.91E-07	4.00E-07	3.62E-07	1.62E-07	1.58E-07	7.46E-09	1.80E-07	3.98E-08	5.43E-08	8.61E-08	1.48E-08	8.27E-08	4.65E-07
5959	483468.91	3857127.2	6.43E-04	6.58E-04	6.27E-04	2.23E-07	6.72E-07	3.89E-07	3.98E-07	3.61E-07	1.61E-07	1.57E-07	7.43E-09	1.79E-07	3.96E-08	5.41E-08	8.57E-08	1.48E-08	8.23E-08	4.63E-07
5960	483382.78	3857126.26	6.41E-04	6.56E-04	6.25E-04	2.22E-07	6.70E-07	3.88E-07	3.97E-07	3.60E-07	1.60E-07	1.57E-07	7.41E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.47E-08	8.22E-08	4.62E-07
5961	483296.66	3857125.32	6.39E-04	6.54E-04	6.23E-04	2.21E-07	6.68E-07	3.87E-07	3.96E-07	3.59E-07	1.60E-07	1.56E-07	7.38E-09	1.78E-07	3.94E-08	5.37E-08	8.52E-08	1.47E-08	8.18E-08	4.61E-07
5962	483210.54	3857124.39	6.36E-04	6.51E-04	6.20E-04	2.20E-07	6.65E-07	3.85E-07	3.94E-07	3.57E-07	1.59E-07	1.55E-07	7.35E-09	1.78E-07	3.92E-08	5.35E-08	8.48E-08	1.46E-08	8.14E-08	4.58E-07
5963	483123.4	3857030.96	6.41E-04	6.56E-04	6.25E-04	2.22E-07	6.70E-07	3.88E-07	3.97E-07	3.60E-07	1.60E-07	1.56E-07	7.41E-09	1.79E-07	3.95E-08	5.39E-08	8.55E-08	1.47E-08	8.21E-08	4.62E-07
5964	483122.38	3856938.46	6.49E-04	6.64E-04	6.33E-04	2.25E-07	6.78E-07	3.93E-07	4.02E-07	3.64E-07	1.62E-07	1.58E-07	7.50E-09	1.81E-07	4.00E-08	5.46E-08	8.66E-08	1.49E-08	8.31E-08	4.68E-07
5965	483121.35	3856845.97	6.58E-04	6.74E-04	6.42E-04	2.28E-07	6.88E-07	3.98E-07	4.08E-07	3.70E-07	1.65E-07	1.61E-07	7.61E-09	1.84E-07	4.06E-08	5.54E-08	8.78E-08	1.51E-08	8.43E-08	4.75E-07
5966	483120.33	3856753.47	6.67E-04	6.83E-04	6.51E-04	2.31E-07	6.98E-07	4.04E-07	4.13E-07	3.75E-07	1.67E-07	1.63E-07	7.72E-09	1.86E-07	4.11E-08	5.61E-08	8.90E-08	1.53E-08	8.55E-08	4.81E-07
5967	483119.31	3856660.98	6.78E-04	6.94E-04	6.61E-04	2.35E-07	7.09E-07	4.10E-07	4.20E-07	3.81E-07	1.70E-07	1.66E-07	7.84E-09	1.89E-07	4.18E-08	5.70E-08	9.05E-08	1.56E-08	8.69E-08	4.89E-07
5968	483118.29	3856568.49	6.91E-04	7.08E-04	6.74E-04	2.39E-07	7.23E-07	4.18E-07	4.28E-07	3.88E-07	1.73E-07	1.69E-07	7.99E-09	1.93E-07	4.26E-08	5.81E-08	9.22E-08	1.59E-08	8.86E-08	4.98E-07
5969	483117.26	3856475.99	7.07E-04	7.23E-04	6.89E-04	2.45E-07	7.39E-07	4.28E-07	4.38E-07	3.97E-07	1.77E-07	1.73E-07	8.17E-09	1.97E-07	4.35E-08	5.94E-08	9.43E-08	1.62E-08	9.05E-08	5.10E-07
5970	483116.24	3856383.5	7.23E-04	7.40E-04	7.05E-04	2.50E-07	7.56E-07	4.38E-07	4.48E-07	4.06E-07	1.81E-07	1.77E-07	8.36E-09	2.02E-07	4.46E-08	6.08E-08	9.65E-08	1.66E-08	9.26E-08	5.21E-07
5971	483115.22	3856291.01	7.42E-04	7.59E-04	7.23E-04	2.57E-07	7.75E-07	4.49E-07	4.59E-07	4.16E-07	1.86E-07	1.81E-07	8.57E-09	2.07E-07	4.57E-08	6.24E-08	9.89E-08	1.70E-08	9.50E-08	5.35E-07
5972	483114.2	3856198.51	7.61E-04	7.79E-04	7.42E-04	2.63E-07	7.95E-07	4.60E-07	4.71E-07	4.27E-07	1.90E-07	1.86E-07	8.79E-09	2.12E-07	4.69E-08	6.40E-08	1.01E-07	1.75E-08	9.75E-08	5.49E-07
5973	483113.17	3856106.02	7.83E-04	8.02E-04	7.64E-04	2.71E-07	8.19E-07	4.74E-07	4.85E-07	4.40E-07	1.96E-07	1.91E-07	9.06E-09	2.19E-07	4.83E-08	6.59E-08	1.05E-07	1.80E-08	1.00E-07	5.65E-07
5974	483112.15	3856013.52	8.06E-04	8.25E-04	7.86E-04	2.79E-07	8.43E-07	4.88E-07	4.99E-07	4.53E-07	2.02E-07	1.97E-07	9.32E-09	2.25E-07	4.97E-08	6.78E-08	1.08E-07	1.85E-08	1.03E-07	5.81E-07
5975	483029.25	3855920.47	8.28E-04	8.48E-04	8.08E-04	2.87E-07	8.66E-07	5.01E-07	5.13E-07	4.65E-07	2.07E-07	2.02E-07	9.57E-09	2.31E-07	5.10E-08	6.97E-08	1.10E-07	1.90E-08	1.06E-07	5.97E-07
5976	482947.37	3855919.91	8.26E-04	8.45E-04	8.05E-04	2.86E-07	8.63E-07	5.00E-07	5.11E-07	4.64E-07	2.07E-07	2.02E-07	9.55E-09	2.31E-07	5.09E-08	6.94E-08	1.10E-07	1.90E-08	1.06E-07	5.95E-07
5977	482865.49	3855919.36	8.24E-04	8.43E-04	8.03E-04	2.85E-07	8.61E-07	4.98E-07	5.10E-07	4.63E-07	2.06E-07	2.01E-07	9.52E-09	2.30E-07	5.08E-08	6.93E-08	1.10E-07	1.89E-08	1.06E-07	5.94E-07
5978	482783.61	3855918.8	8.24E-04	8.43E-04	8.03E-04	2.85E-07	8.61E-07	4.98E-07	5.10E-07	4.62E-07	2.06E-07	2.01E-07	9.52E-09	2.30E-07	5.07E-08	6.93E-08	1.10E-07	1.89E-08	1.06E-07	5.94E-07
5979	482700.33	3855818.39	8.51E-04	8.72E-04	8.30E-04	2.95E-07	8.90E-07	5.15E-07	5.27E-07	4.78E-07	2.13E-07	2.08E-07	9.84E-09	2.38E-07	5.25E-08	7.16E-08	1.14E-07	1.96E-08	1.09E-07	6.14E-07
5980	482698.92	3855718.54	8.84E-04	9.04E-04	8.62E-04	3.06E-07	9.24E-07	5.35E-07	5.47E-07	4.96E-07	2.21E-07	2.16E-07	1.02E-08	2.47E-07	5.44E-08	7.43E-08	1.18E-07	2.03E-08	1.13E-07	6.37E-07
5981	482697.52	3855618.68	9.16E-04	9.38E-04	8.94E-04	3.17E-07	9.58E-07	5.54E-07	5.67E-07	5.14E-07	2.29E-07	2.24E-07	1.06E-08	2.56E-07	5.65E-08	7.70E-08	1.22E-07	2.10E-08	1.17E-07	6.61E-07
5982	482696.11	3855518.83	9.53E-04	9.75E-04	9.29E-04	3.30E-07	9.96E-07	5.77E-07	5.90E-07	5.35E-07	2.38E-07	2.33E-07	1.10E-08	2.66E-07	5.87E-08	8.01E-08	1.27E-07	2.19E-08	1.22E-07	6.87E-07
5983	482694.71	3855418.98	9.90E-04	1.01E-03	9.65E-04	3.43E-07	1.03E-06	5.99E-07	6.13E-07	5.56E-07	2.48E-07	2.42E-07	1.14E-08	2.76E-07	6.10E-08	8.32E-08	1.32E-07	2.27E-08	1.27E-07	7.14E-07
5984	482693.3	3855319.13	1.03E-03	1.05E-03	1.00E-03	3.56E-07	1.08E-06	6.23E-07	6.38E-07	5.78E-07	2.58E-07	2.51E-07	1.19E-08	2.88E-07	6.34E-08	8.66E-08	1.37E-07	2.37E-08	1.32E-07	7.42E-07
5985	482691.9	3855219.27	1.07E-03	1.10E-03	1.05E-03	3.72E-07	1.12E-06	6.50E-07	6.65E-07	6.03E-07	2.69E-07	2.62E-07	1.24E-08	3.00E-07	6.62E-08	9.03E-08	1.43E-07	2.47E-08	1.38E-07	7.75E-07
5986	482690.49	3855119.42	1.12E-03	1.15E-03	1.09E-03	3.88E-07	1.17E-06	6.79E-07	6.95E-07	6.30E-07	2.81E-07	2.74E-07	1.30E-08	3.13E-07	6.91E-08	9.43E-08	1.50E-07	2.58E-08	1.44E-07	8.09E-07
5987	482689.09	3855019.57	1.18E-03	1.21E-03	1.15E-03	4.08E-07	1.23E-06	7.13E-07	7.30E-07	6.61E-07	2.95E-07	2.88E-07	1.36E-08	3.29E-07	7.26E-08	9.91E-08	1.57E-07	2.71E-08	1.51E-07	8.49E-07
5988	482687.68	3854919.72	1.24E-03	1.27E-03	1.21E-03	4.29E-07	1.29E-06	7.49E-07	7.67E-07	6.95E-07	3.10E-07	3.02E-07	1.43E-08	3.46E-07	7.63E-08	1.04E-07	1.65E-07	2.84E-08	1.59E-07	8.93E-07
5989	482686.28	3854819.86	1.31E-03	1.34E-03	1.28E-03	4.53E-07	1.37E-06	7.92E-07	8.10E-07	7.34E-07	3.27E-07	3.19E-07	1.51E-08	3.65E-07	8.06E-08	1.10E-07	1.75E-07	3.00E-08	1.68E-07	9.43E-07
5990	482684.88	3854720.01	1.38E-03	1.42E-03	1.35E-03	4.79E-07	1.45E-06	8.37E-07	8.57E-07	7.77E-07	3.46E-07	3.38E-07	1.60E-08	3.86E-07	8.52E-08	1.16E-07	1.85E-07	3.18E-08	1.77E-07	9.97E-07
5991	482683.47	3854620.16	1.47E-03	1.51E-03	1.44E-03	5.10E-07	1.54E-06	8.92E-07	9.13E-07	8.28E-07	3.69E-07	3.60E-07	1.70E-08	4.12E-07	9.08E-08	1.24E-07	1.97E-07	3.39E-08	1.89E-07	1.06E-06
5992	482682.07	3854520.31	1.58E-03	1.61E-03	1.54E-03	5.46E-07	1.65E-06	9.54E-07	9.76E-07	8.85E-07	3.94E-07	3.85E-07	1.82E-08	4.40E-07	9.71E-08	1.33E-07	2.10E-07	3.62E-08	2.02E-07	1.14E-06
5993	482680.66	3854420.45	1.70E-03	1.74E-03	1.65E-03	5.87E-07	1.77E-06	1.03E-06	1.05E-06	9.52E-07	4.24E-07	4.14E-07	1.96E-08	4.73E-07	1.04E-07	1.43E-07	2.26E-07	3.89E-08	2.17E-07	1.22E-06
5994	482679.26	3854320.6	1.84E-03	1.88E-03	1.79E-03	6.36E-07	1.92E-06	1.11E-06	1.14E-06	1.03E-06	4.60E-07	4.48E-07	2.12E-08	5.13E-07	1.13E-07	1.54E-07	2.45E-07	4.22E-08	2.35E-07	1.32E-06
5995	482677.85	3854220.75	2.01E-03	2.06E-03	1.96E-03	6.97E-07	2.10E-06	1.22E-06	1.25E-06	1.13E-06	5.04E-07	4.91E-07	2.33E-08	5.62E-07	1.24E-07	1.69E-07	2.69E-07	4.62E-08	2.58E-07	1.45E-06
5996	482676.45	3854120.9	2.22E-03	2.27E-03	2.17E-03	7.69E-07	2.32E-06	1.34E-06	1.38E-06	1.25E-06	5.56E-07	5.42E-07	2.57E-08	6.20E-07	1.37E-07	1.87E-07	2.96E-07	5.10E-08	2.85E-07	1.60E-06
5997	482675.04	3854021.04	2.49E-03	2.55E-03	2.43E-03	8.62E-07	2.60E-06	1.51E-06	1.54E-06	1.40E-06	6.23E-07	6.08E-07	2.88E-08	6.95E-07	1.53E-07	2.09E-07	3.32E-07	5.72E-08	3.19E-07	1.80E-06
5998	482673.64	3853921.19	2.84E-03	2.91E-03	2.77E-03	9.82E-07	2.97E-06	1.72E-06	1.76E-06	1.59E-06	7.10E-07	6.93E-07	3.28E-08	7.92E-07	1.75E-07	2.39E-07	3.79E-07	6.52E-08	3.64E-07	2.05E-06
5999	482672.23	3853821.34	3.36E-03	3.44E-03	3.28E-03	1.16E-06	3.51E-06	2.03E-06	2.08E-06	1.89E-06	8.41E-07	8.20E-07	3.88E-08	9.38E-07	2.07E-07	2.83E-07	4.48E-07	7.72E-08	4.31E-07	2.42E-06
6000	482670.83	3853721.49	4.18E-03	4.27E-03	4.07E-03	1.45E-06	4.36E-06	2.53E-06	2.59E-06	2.34E-06	1.05E-06	1.02E-06	4.83E-08	1.17E-06	2.57E-07	3.51E-07	5.57E-07	9.59E-08	5.35E-07	3.01E-06
6001	482669.42	3853621.63	5.55E-03	5.68E-03	5.41E-03	1.92E-06	5.80E-06	3.36E-06	3.44E-06	3.12E-06	1.39E-06	1.35E-06	6.42E-08	1.55E-06	3.42E-07	4.67E-07	7.40E-07	1.27E-07	7.11E-07	4.00E-06
6002	482645.99	3853446.13	1.08E-02	1.11E-02	1.06E-02	3.75E-06	1.13E-05	6.55E-06	6.70E-06	6.07E-06	2.71E-06	2.64E-06	1.25E-07	3.02E-06	6.67E-07	9.10E-07	1.44E-06	2.49E-07	1.39E-06	7.80E-06
6003	482623.97	3853370.49	1.29E-02	1.32E-02	1.26E-02	4.46E-06	1.35E-05	7.80E-06	7.98E-06	7.24E-06	3.23E-06	3.15E-06	1.49E-07	3.60E-06	7.94E-07	1.08E-06	1.72E-06	2.96E-07	1.65E-06	9.29E-06
6004	482601.94	3853294.84	1.46E-02	1.50E-02	1.43E-02	5.07E-06	1.53E-05	8.86E-06	9.07E-06	8.22E-06	3.67E-06	3.57E-06	1.69E-07	4.09E-06	9.02E-07	1.23E-06	1.95E-06	3.36E-07	1.88E-06	1.06E-05
6005	482531.29	3853133.44	1.76E-02	1.80E-02	1.72E-02	6.09E-06	1.84E-05	1.06E-05	1.09E-05	9.88E-06	4.40E-06	4.29E-06	2.03E-07	4.91E-06	1.08E-06	1.48E-06	2.35E-06	4.04E-07	2.25E-06	1.27E-05
6006	482482.68	3853047.69	1.96E-02	2.01E-02	1.91E-02	6.78E-06	2.05E-05	1.19E-05	1.21E-05	1.10E-05	4.90E-06	4.78E-06	2.27E-07	5.47E-06	1.21E-06	1.65E-06	2.61E-06	4.50E-07	2.51E-06	1.41E-05
6007	482383.09	3852897.4	2.44E-02	2.50E-02	2.38E-02	8.45E-06	2.55E-05	1.48E-05	1.51E-05	1.37E-05	6.11E-06	5.96E-06	2.82E-07	6.82E-06	1.50E-06	2.05E-06	3.26E-06	5.61E-07	3.13E-06	1.76E-05
6008	482265.64	3852765.26	2.61E-02	2.67E-02	2.54E-02	9.03E-06	2.73E-05	1.58E-05	1.62E-05	1.46E-05	6.53E-06	6.37E-06	3.01E-07	7.28E-06	1.61E-06	2.19E-06	3.48E-06	5.99E-07	3.34E-06	1.88E-05
6009	482199.16	3852697.66	2.61E-02	2.67E-02	2.54E-02	9.02E-06	2.72E-05	1.58E-05	1.61E-05	1.46E-05	6.52E-06	6.36E-06	3.01E-07	7.27E-06	1.61E-06	2.19E-06	3.48E-06	5.98E-07	3.34E-06	1.88E-05
6010	482132.69	3852630.07	2.62E-02	2.68E-02	2.56E-02	9.07E-06	2.74E-05	1.59E-05	1.62E-05	1.47E-05	6.56E-06	6.40E-06	3.03E-07	7.32E-06	1.61E-06	2.20E-06	3.50E-06	6.02E-07	3.36E-06	1.89E-05
6011	482066.21	3852562.48	2.60E-02	2.66E-02	2.54E-02	9.01E-06	2.72E-05	1.57E-05	1.61E-05	1.46E-05	6.51E-06	6.35E-06	3.01E-07	7.27E-06	1.60E-06	2.19E-06	3.47E-06	5.98E-07	3.33E-06	1.88E-05
6012	481999.74	3852494.89	2.55E-02	2.61E-02	2.49E-02	8.84E-06	2.67E-05	1.55E-05	1.58E-05	1.43E-05	6.39E-06	6.23E-06	2.95E-07	7.13E-06	1.57E-06	2.15E-06	3.41E-06	5.87E-07	3.27E-06	1.84E-05
6013	481933.26	3852427.29	2.49E-02	2.55E-02	2.43E-02	8.63E-06	2.61E-05	1.51E-05	1.54E-05	1.40E-05	6.24E-06	6.09E-06	2.88E-07	6.96E-06	1.54E-06	2.10E-06	3.33E-06	5.73E-07	3.20E-06	1.80E-05
6014	481866.79	3852359.7	2.48E-02	2.54E-02	2.42E-02	8.58E-06	2.59E-05	1.50E-05	1.54E-05	1.39E-05	6.20E-06	6.05E-06	2.87E-07	6.92E-06	1.53E-06	2.08E-06	3.31E-06	5.69E-07	3.18E-06	1.79E-05
6015	481800.31	3852292.11	2.47E-02	2.53E-02	2.41E-02	8.55E-06	2.58E-05	1.49E-05	1.53E-05	1.39E-05	6.18E-06	6.03E-06	2.86E-07	6.90E-06	1.52E-06	2.08E-06	3.30E-06	5.67E-07	3.16E-06	1.78E-05
6016	481733.84	3852224.52	2.45E-02	2.51E-02	2.39E-02	8.50E-06	2.57E-05	1.48E-05	1.52E-05	1.38E-05	6.14E-06	5.99E-06	2.84E-07	6.85E-06	1.51E-06	2.06E-06	3.27E-06	5.64E-07	3.14E-06	1.77E-05
6017	481667.36	3852156.92	2.50E-02	2.56E-02	2.44E-02	8.66E-06	2.62E-05	1.51E-05	1.55E-05	1.41E-05	6.26E-06	6.11E-06	2.89E-07	6.99E-06	1.54E-06	2.10E-06	3.34E-06	5.75E-07	3.21E-06	1.80E-05
6018	481600.89	3852089.33	2.48E-02	2.54E-02	2.42E-02	8.58E-06	2.59E-05	1.50E-05	1.53E-05	1.39E-05	6.20E-06	6.05E-06	2.86E-07	6.92E-06	1.53E-06	2.08E-06	3.31E-06	5.69E-07	3.17E-06	1.79E-05
6019	481534.41	3852021.74	2.46E-02	2.51E-02	2.40E-02	8.50E-06	2.57E-05	1.49E-05	1.52E-05	1.38E-05	6.15E-06	5.99E-06	2.84E-07	6.86E-06	1.51E-06	2.07E-06	3.28E-06	5.64E-07	3.15E-06	1.77E-05
6020	481467.94	3851954.15	2.47E-02	2.53E-02	2.41E-02	8.56E-06	2.58E-05	1.50E-05	1.53E-05	1.39E-05	6.19E-06	6.03E-06	2.86E-07	6.90E-06	1.52E-06	2.08E-06	3.30E-06	5.68E-07	3.17E-06	1.78E-05
6021	481401.46	3851886.55	2.55E-02	2.61E-02	2.48E-02	8.82E-06	2.66E-05	1.54E-05	1.58E-05	1.43E-05	6.38E-06	6.22E-06	2.94E-07	7.11E-06	1.57E-06	2.14E-06	3.40E-06	5.85E-07	3.26E-06	1.84E-05
6022	481265.87	3851761.43	2.60E-02	2.66E-02	2.54E-02	9.01E-06	2.72E-05	1.57E-05	1.61E-05	1.46E-05	6.51E-06	6.35E-06	3.01E-07	7.27E-06	1.60E-06	2.19E-06	3.47E-06	5.98E-07	3.33E-06	1.88E-05
6023	481196.74	3851703.89	2.65E-02	2.71E-02	2.59E-02	9.18E-06	2.77E-05	1.60E-05	1.64E-05	1.49E-05	6.63E-06	6.47E-06	3.06E-07	7.40E-06	1.63E-06	2.23E-06	3.54E-06	6.09E-07	3.40E-06	1.91E-05
6024	481076.33	3851619.05	2.66E-02	2.72E-02	2.59E-02	9.21E-06	2.78E-05	1.61E-05	1.65E-05	1.49E-05	6.66E-06	6.49E-06	3.07E-07	7.43E-06	1.64E-06	2.24E-06	3.55E-06	6.11E-07	3.41E-06	1.92E-05
6025	480939.8	3851549.07	2.54E-02	2.60E-02	2.47E-02	8.78E-06	2.65E-05	1.53E-05	1.57E-05	1.42E-05	6.34E-06	6.19E-06	2.93E-07	7.08E-06	1.56E-06	2.13E-06	3.38E-06	5.82E-07	3.25E-06	1.83E-05
6026	480854.56	3851506.41	2.53E-02	2.59E-02	2.47E-02	8.75E-06	2.64E-05	1.53E-05	1.57E-05	1.42E-05	6.33E-06	6.17E-06	2.92E-07	7.06E-06	1.56E-06	2.13E-06	3.37E-06	5.81E-07	3.24E-06	1.82E-05
6027	480769.32	3851463.75	2.56E-02	2.62E-02	2.50E-02	8.87E-06	2.68E-05	1.55E-05	1.59E-05	1.44E-05	6.41E-06	6.25E-06	2.96E-07	7.15E-06	1.58E-06	2.15E-06	3.42E-06	5.88E-07	3.28E-06	1.85E-05
6028	480684.08	3851421.08	2.60E-02	2.67E-02	2.54E-02	9.02E-06	2.72E-05	1.58E-05	1.61E-05	1.46E-05	6.52E-06	6.36E-06	3.01E-07	7.27E-06	1.61E-06	2.19E-06	3.48E-06	5.98E-07	3.34E-06	1.88E-05
6029	480598.84	3851378.42	2.60E-02	2.66E-02	2.53E-02	8.99E-06	2.72E-05	1.57E-05	1.61E-05	1.46E-05	6.50E-06	6.34E-06	3.00E-07	7.25E-06	1.60E-06	2.18E-06	3.47E-06	5.97E-07	3.33E-06	1.87E-05
6030	480435.71	3851275.01	3.07E-02	3.15E-02	3.00E-02	1.06E-05	3.21E-05	1.86E-05	1.90E-05	1.73E-05	7.69E-06	7.50E-06	3.55E-07	8.58E-06	1.89E-06	2.59E-06	4.10E-06	7.06E-07	3.94E-06	2.22E-05
6031	480347.85	3851232.36	3.06E-02	3.13E-02	2.98E-02	1.06E-05	3.20E-05	1.85E-05	1.90E-05	1.72E-05	7.66E-06	7.47E-06	3.54E-07	8.55E-06	1.89E-06	2.57E-06	4.08E-06	7.03E-07	3.92E-06	2.21E-05
6032	480260	3851189.72	3.05E-02	3.13E-02	2.98E-02	1.06E-05	3.19E-05	1.85E-05	1.89E-05	1.71E-05	7.64E-06	7.45E-06	3.53E-07	8.52E-06	1.88E-06	2.57E-06	4.07E-06	7.01E-07	3.91E-06	2.20E-05
6033	480172.15	3851147.07	3.05E-02	3.12E-02	2.97E-02	1.05E-05	3.18E-05	1.84E-05	1.89E-05	1.71E-05	7.62E-06	7.43E-06	3.52E-07	8.50E-06	1.88E-06	2.56E-06	4.06E-06	6.99E-07	3.90E-06	2.20E-05
6034	480084.29	3851104.42	3.05E-02	3.13E-02	2.98E-02	1.06E-05	3.19E-05	1.85E-05	1.89E-05	1.71E-05	7.64E-06	7.45E-06	3.53E-07	8.53E-06	1.88E-06	2.57E-06	4.07E-06	7.01E-07	3.91E-06	2.20E-05
6035	479996.44	3851061.77	3.06E-02	3.14E-02	2.99E-02	1.06E-05	3.20E-05	1.85E-05	1.90E-05	1.72E-05	7.67E-06	7.48E-06	3.54E-07	8.55E-06	1.89E-06	2.58E-06	4.09E-06	7.04E-07	3.92E-06	2.21E-05
6036	479908.58	3851019.13	3.20E-02	3.28E-02	3.13E-02	1.11E-05	3.35E-05	1.94E-05	1.98E-05	1.80E-05	8.02E-06	7.82E-06	3.70E-07	8.95E-06	1.97E-06	2.69E-06	4.27E-06	7.36E-07	4.10E-06	2.31E-05
6037	479820.73	3850976.48	3.20E-02	3.27E-02	3.12E-02	1.11E-05	3.34E-05	1.94E-05	1.98E-05	1.80E-05	8.01E-06	7.81E-06	3.70E-07	8.93E-06	1.97E-06	2.69E-06	4.27E-06	7.35E-07	4.10E-06	2.31E-05
6038	479732.88	3850933.83	3.20E-02	3.28E-02	3.13E-02	1.11E-05	3.35E-05	1.94E-05	1.98E-05	1.80E-05	8.02E-06	7.82E-06	3.70E-07	8.95E-06	1.97E-06	2.69E-06	4.27E-06	7.36E-07	4.10E-06	2.31E-05
6039	479645.02	3850891.18	3.21E-02	3.28E-02	3.13E-02	1.11E-05	3.35E-05	1.94E-05	1.99E-05	1.80E-05	8.03E-06	7.83E-06	3.71E-07	8.96E-06	1.98E-06	2.70E-06	4.28E-06	7.37E-07	4.11E-06	2.31E-05
6040	479557.17	3850848.54	3.18E-02	3.26E-02	3.10E-02	1.10E-05	3.33E-05	1.92E-05	1.97E-05	1.79E-05	7.96E-06	7.77E-06	3.68E-07	8.88E-06	1.96E-06	2.68E-06	4.24E-06	7.31E-07	4.08E-06	2.29E-05
6041	479469.32	3850805.89	3.26E-02	3.34E-02	3.18E-02	1.13E-05	3.41E-05	1.97E-05	2.02E-05	1.83E-05	8.16E-06	7.95E-06	3.77E-07	9.10E-06	2.01E-06	2.74E-06	4.35E-06	7.48E-07	4.17E-06	2.35E-05
6042	479381.46	3850763.24	3.22E-02	3.30E-02	3.14E-02	1.12E-05	3.37E-05	1.95E-05	2.00E-05	1.81E-05	8.07E-06	7.87E-06	3.73E-07	9.00E-06	1.99E-06	2.71E-06	4.30E-06	7.41E-07	4.13E-06	2.32E-05
6043	479293.61	3850720.59	3.13E-02	3.21E-02	3.06E-02	1.08E-05	3.27E-05	1.90E-05	1.94E-05	1.76E-05	7.84E-06	7.65E-06	3.62E-07	8.75E-06	1.93E-06	2.63E-06	4.18E-06	7.20E-07	4.01E-06	2.26E-05
6044	479205.76	3850677.95	3.06E-02	3.13E-02	2.99E-02	1.06E-05	3.20E-05	1.85E-05	1.90E-05	1.72E-05	7.66E-06	7.47E-06	3.54E-07	8.55E-06	1.89E-06	2.57E-06	4.08E-06	7.03E-07	3.92E-06	2.21E-05
6045	479117.9	3850635.3	2.93E-02	3.00E-02	2.86E-02	1.02E-05	3.07E-05	1.78E-05	1.82E-05	1.65E-05	7.34E-06	7.16E-06	3.39E-07	8.19E-06	1.81E-06	2.47E-06	3.91E-06	6.74E-07	3.76E-06	2.12E-05
6046	479030.05	3850592.65	2.86E-02	2.93E-02	2.79E-02	9.90E-06	2.99E-05	1.73E-05	1.77E-05	1.61E-05	7.16E-06	6.98E-06	3.31E-07	7.99E-06	1.76E-06	2.41E-06	3.82E-06	6.57E-07	3.66E-06	2.06E-05
6047	478942.19	3850550	2.92E-02	2.99E-02	2.85E-02	1.01E-05	3.05E-05	1.77E-05	1.81E-05	1.64E-05	7.31E-06	7.13E-06	3.38E-07	8.15E-06	1.80E-06	2.46E-06	3.89E-06	6.71E-07	3.74E-06	2.11E-05
6048	478854.34	3850507.36	3.22E-02	3.30E-02	3.14E-02	1.12E-05	3.37E-05	1.95E-05	2.00E-05	1.81E-05	8.07E-06	7.87E-06	3.73E-07	9.00E-06	1.99E-06	2.71E-06	4.30E-06	7.40E-07	4.13E-06	2.32E-05
6049	478766.49	3850464.71	3.28E-02	3.36E-02	3.20E-02	1.14E-05	3.43E-05	1.98E-05	2.03E-05	1.84E-05	8.21E-06	8.00E-06	3.79E-07	9.16E-06	2.02E-06	2.76E-06	4.37E-06	7.53E-07	4.20E-06	2.36E-05
6050	478678.63	3850422.06	3.28E-02	3.36E-02	3.20E-02	1.14E-05	3.43E-05	1.99E-05	2.03E-05	1.84E-05	8.21E-06	8.01E-06	3.79E-07	9.16E-06	2.02E-06	2.76E-06	4.38E-06	7.54E-07	4.20E-06	2.37E-05
6051	478590.78	3850379.41	3.31E-02	3.39E-02	3.23E-02	1.14E-05	3.46E-05	2.00E-05	2.05E-05	1.86E-05	8.28E-06	8.07E-06	3.82E-07	9.23E-06	2.04E-06	2.78E-06	4.41E-06	7.60E-07	4.24E-06	2.38E-05
6052	478502.93	3850336.77	3.30E-02	3.37E-02	3.21E-02	1.14E-05	3.45E-05	1.99E-05	2.04E-05	1.85E-05	8.25E-06	8.05E-06	3.81E-07	9.20E-06	2.03E-06	2.77E-06	4.40E-06	7.57E-07	4.22E-06	2.38E-05
6053	478415.07	3850294.12	3.26E-02	3.33E-02	3.18E-02	1.13E-05	3.41E-05	1.97E-05	2.02E-05	1.83E-05	8.15E-06	7.95E-06	3.77E-07	9.10E-06	2.01E-06	2.74E-06	4.35E-06	7.48E-07	4.17E-06	2.35E-05

6054	478327.22	3850251.47	3.30E-02	3.38E-02	3.22E-02	1.14E-05	3.45E-05	2.00E-05	2.05E-05	1.85E-05	8.27E-06	8.06E-06	3.82E-07	9.22E-06	2.04E-06	2.78E-06	4.41E-06	7.59E-07	4.23E-06	2.38E-05
6055	478239.36	3850208.82	3.33E-02	3.41E-02	3.25E-02	1.15E-05	3.48E-05	2.01E-05	2.06E-05	1.87E-05	8.33E-06	8.12E-06	3.85E-07	9.29E-06	2.05E-06	2.80E-06	4.44E-06	7.64E-07	4.26E-06	2.40E-05
6056	478151.51	3850166.18	3.34E-02	3.42E-02	3.26E-02	1.16E-05	3.49E-05	2.02E-05	2.07E-05	1.88E-05	8.36E-06	8.16E-06	3.86E-07	9.33E-06	2.06E-06	2.81E-06	4.46E-06	7.67E-07	4.28E-06	2.41E-05
6057	478063.66	3850123.53	3.36E-02	3.44E-02	3.27E-02	1.16E-05	3.51E-05	2.03E-05	2.08E-05	1.88E-05	8.40E-06	8.19E-06	3.88E-07	9.37E-06	2.07E-06	2.82E-06	4.48E-06	7.71E-07	4.30E-06	2.42E-05
6058	477975.8	3850080.88	3.19E-02	3.26E-02	3.11E-02	1.10E-05	3.33E-05	1.93E-05	1.97E-05	1.79E-05	7.98E-06	7.78E-06	3.69E-07	8.90E-06	1.96E-06	2.68E-06	4.25E-06	7.32E-07	4.08E-06	2.30E-05
6059	477887.95	3850038.23	3.16E-02	3.24E-02	3.08E-02	1.09E-05	3.30E-05	1.91E-05	1.96E-05	1.77E-05	7.91E-06	7.71E-06	3.65E-07	8.82E-06	1.95E-06	2.66E-06	4.22E-06	7.26E-07	4.05E-06	2.28E-05
6060	477800.1	3849995.59	3.09E-02	3.17E-02	3.02E-02	1.07E-05	3.23E-05	1.87E-05	1.92E-05	1.74E-05	7.74E-06	7.55E-06	3.58E-07	8.64E-06	1.91E-06	2.60E-06	4.13E-06	7.10E-07	3.96E-06	2.23E-05
6061	477712.24	3849952.94	3.11E-02	3.18E-02	3.03E-02	1.08E-05	3.25E-05	1.88E-05	1.92E-05	1.74E-05	7.77E-06	7.58E-06	3.59E-07	8.67E-06	1.91E-06	2.61E-06	4.14E-06	7.13E-07	3.98E-06	2.24E-05
6062	477624.39	3849910.29	3.10E-02	3.17E-02	3.02E-02	1.07E-05	3.24E-05	1.87E-05	1.92E-05	1.74E-05	7.75E-06	7.56E-06	3.58E-07	8.65E-06	1.91E-06	2.61E-06	4.13E-06	7.12E-07	3.97E-06	2.23E-05
6063	477536.54	3849867.64	3.04E-02	3.11E-02	2.97E-02	1.05E-05	3.18E-05	1.84E-05	1.88E-05	1.71E-05	7.61E-06	7.42E-06	3.52E-07	8.49E-06	1.87E-06	2.56E-06	4.06E-06	6.99E-07	3.90E-06	2.19E-05
6064	477448.68	3849825	3.03E-02	3.11E-02	2.96E-02	1.05E-05	3.17E-05	1.84E-05	1.88E-05	1.70E-05	7.59E-06	7.41E-06	3.51E-07	8.47E-06	1.87E-06	2.55E-06	4.05E-06	6.97E-07	3.89E-06	2.19E-05
6065	477360.83	3849782.35	3.02E-02	3.09E-02	2.94E-02	1.04E-05	3.15E-05	1.83E-05	1.87E-05	1.69E-05	7.55E-06	7.37E-06	3.49E-07	8.43E-06	1.86E-06	2.54E-06	4.03E-06	6.93E-07	3.87E-06	2.18E-05
6066	477272.97	3849739.7	3.01E-02	3.08E-02	2.93E-02	1.04E-05	3.14E-05	1.82E-05	1.86E-05	1.69E-05	7.53E-06	7.34E-06	3.48E-07	8.40E-06	1.85E-06	2.53E-06	4.01E-06	6.91E-07	3.85E-06	2.17E-05
6067	477185.12	3849697.05	3.00E-02	3.07E-02	2.92E-02	1.04E-05	3.13E-05	1.81E-05	1.86E-05	1.68E-05	7.50E-06	7.31E-06	3.46E-07	8.37E-06	1.85E-06	2.52E-06	4.00E-06	6.88E-07	3.84E-06	2.16E-05
6068	477097.27	3849654.41	3.03E-02	3.10E-02	2.95E-02	1.05E-05	3.17E-05	1.83E-05	1.88E-05	1.70E-05	7.58E-06	7.39E-06	3.50E-07	8.46E-06	1.87E-06	2.55E-06	4.04E-06	6.96E-07	3.88E-06	2.18E-05
6069	477009.41	3849611.76	3.16E-02	3.24E-02	3.09E-02	1.10E-05	3.31E-05	1.91E-05	1.96E-05	1.78E-05	7.92E-06	7.72E-06	3.66E-07	8.83E-06	1.95E-06	2.66E-06	4.22E-06	7.27E-07	4.05E-06	2.28E-05
6070	476841.49	3849530.08	3.25E-02	3.33E-02	3.17E-02	1.12E-05	3.40E-05	1.97E-05	2.01E-05	1.82E-05	8.13E-06	7.93E-06	3.76E-07	9.07E-06	2.00E-06	2.73E-06	4.33E-06	7.46E-07	4.16E-06	2.34E-05
6071	476761.41	3849491.05	3.28E-02	3.36E-02	3.20E-02	1.14E-05	3.43E-05	1.98E-05	2.03E-05	1.84E-05	8.21E-06	8.01E-06	3.79E-07	9.16E-06	2.02E-06	2.76E-06	4.37E-06	7.53E-07	4.20E-06	2.36E-05
6072	476681.34	3849452.02	3.42E-02	3.50E-02	3.34E-02	1.18E-05	3.58E-05	2.07E-05	2.12E-05	1.92E-05	8.57E-06	8.35E-06	3.96E-07	9.56E-06	2.11E-06	2.88E-06	4.57E-06	7.86E-07	4.38E-06	2.47E-05
6073	476601.26	3849412.99	3.71E-02	3.80E-02	3.62E-02	1.29E-05	3.88E-05	2.25E-05	2.30E-05	2.08E-05	9.29E-06	9.06E-06	4.29E-07	1.04E-05	2.29E-06	3.12E-06	4.95E-06	8.53E-07	4.76E-06	2.68E-05
6074	476456.32	3849353.67	4.44E-02	4.55E-02	4.33E-02	1.54E-05	4.64E-05	2.69E-05	2.75E-05	2.49E-05	1.11E-05	1.08E-05	5.13E-07	1.24E-05	2.74E-06	3.74E-06	5.93E-06	1.02E-06	5.69E-06	3.20E-05
6075	476305.43	3849318.84	4.22E-02	4.32E-02	4.11E-02	1.46E-05	4.41E-05	2.55E-05	2.61E-05	2.37E-05	1.06E-05	1.03E-05	4.88E-07	1.18E-05	2.60E-06	3.55E-06	5.63E-06	9.69E-07	5.40E-06	3.04E-05
6076	476129.36	3849289.99	4.15E-02	4.25E-02	4.05E-02	1.44E-05	4.34E-05	2.51E-05	2.57E-05	2.33E-05	1.04E-05	1.01E-05	4.80E-07	1.16E-05	2.56E-06	3.49E-06	5.54E-06	9.54E-07	5.32E-06	2.99E-05
6077	476039.31	3849275.68	4.07E-02	4.16E-02	3.97E-02	1.41E-05	4.25E-05	2.46E-05	2.52E-05	2.28E-05	1.02E-05	9.93E-06	4.70E-07	1.14E-05	2.51E-06	3.42E-06	5.43E-06	9.34E-07	5.21E-06	2.93E-05
6078	475949.26	3849261.38	4.23E-02	4.33E-02	4.12E-02	1.46E-05	4.42E-05	2.56E-05	2.62E-05	2.37E-05	1.06E-05	1.03E-05	4.89E-07	1.18E-05	2.60E-06	3.55E-06	5.64E-06	9.71E-07	5.41E-06	3.05E-05
6079	475859.21	3849247.08	4.07E-02	4.16E-02	3.97E-02	1.41E-05	4.25E-05	2.46E-05	2.52E-05	2.28E-05	1.02E-05	9.93E-06	4.70E-07	1.14E-05	2.51E-06	3.42E-06	5.43E-06	9.34E-07	5.21E-06	2.93E-05
6080	475769.16	3849232.77	3.91E-02	4.01E-02	3.82E-02	1.35E-05	4.09E-05	2.37E-05	2.42E-05	2.20E-05	9.80E-06	9.55E-06	4.52E-07	1.09E-05	2.41E-06	3.29E-06	5.22E-06	8.99E-07	5.01E-06	2.82E-05
6081	475585.23	3849219.27	2.13E-02	2.18E-02	2.08E-02	7.39E-06	2.23E-05	1.29E-05	1.32E-05	1.20E-05	5.34E-06	5.21E-06	2.47E-07	5.96E-06	1.31E-06	1.79E-06	2.85E-06	4.90E-07	2.73E-06	1.54E-05
6082	475444.5	3849150.35	4.04E-02	4.13E-02	3.94E-02	1.40E-05	4.22E-05	2.44E-05	2.50E-05	2.27E-05	1.01E-05	9.86E-06	4.67E-07	1.13E-05	2.49E-06	3.40E-06	5.39E-06	9.28E-07	5.17E-06	2.91E-05
6083	475334.18	3849118.71	3.05E-02	3.12E-02	2.97E-02	1.05E-05	3.18E-05	1.84E-05	1.89E-05	1.71E-05	7.62E-06	7.44E-06	3.52E-07	8.51E-06	1.88E-06	2.56E-06	4.06E-06	7.00E-07	3.90E-06	2.20E-05
6084	475230.47	3849060.57	3.06E-02	3.13E-02	2.98E-02	1.06E-05	3.19E-05	1.85E-05	1.89E-05	1.72E-05	7.65E-06	7.46E-06	3.53E-07	8.53E-06	1.88E-06	2.57E-06	4.08E-06	7.02E-07	3.91E-06	2.20E-05
6085	475110.86	3848960.97	3.65E-02	3.74E-02	3.56E-02	1.26E-05	3.82E-05	2.21E-05	2.26E-05	2.05E-05	9.14E-06	8.91E-06	4.22E-07	1.02E-05	2.25E-06	3.07E-06	4.87E-06	8.39E-07	4.68E-06	2.63E-05
6086	475037.79	3848896.28	3.80E-02	3.89E-02	3.70E-02	1.31E-05	3.97E-05	2.30E-05	2.35E-05	2.13E-05	9.51E-06	9.27E-06	4.39E-07	1.06E-05	2.34E-06	3.19E-06	5.07E-06	8.72E-07	4.87E-06	2.74E-05
6087	474964.72	3848831.59	3.93E-02	4.02E-02	3.83E-02	1.36E-05	4.10E-05	2.38E-05	2.43E-05	2.20E-05	9.83E-06	9.59E-06	4.54E-07	1.10E-05	2.42E-06	3.30E-06	5.24E-06	9.02E-07	5.03E-06	2.83E-05
6088	474891.65	3848766.9	3.92E-02	4.01E-02	3.82E-02	1.36E-05	4.09E-05	2.37E-05	2.43E-05	2.20E-05	9.80E-06	9.56E-06	4.53E-07	1.09E-05	2.41E-06	3.29E-06	5.22E-06	9.00E-07	5.02E-06	2.82E-05
6089	474818.58	3848702.22	3.95E-02	4.04E-02	3.85E-02	1.37E-05	4.13E-05	2.39E-05	2.45E-05	2.22E-05	9.88E-06	9.64E-06	4.56E-07	1.10E-05	2.43E-06	3.32E-06	5.27E-06	9.07E-07	5.06E-06	2.85E-05
6090	474745.51	3848637.53	3.57E-02	3.65E-02	3.48E-02	1.23E-05	3.73E-05	2.16E-05	2.21E-05	2.00E-05	8.93E-06	8.71E-06	4.12E-07	9.96E-06	2.20E-06	3.00E-06	4.76E-06	8.19E-07	4.57E-06	2.57E-05
6091	474672.44	3848572.84	3.52E-02	3.60E-02	3.43E-02	1.22E-05	3.67E-05	2.13E-05	2.18E-05	1.97E-05	8.80E-06	8.58E-06	4.06E-07	9.82E-06	2.17E-06	2.96E-06	4.69E-06	8.07E-07	4.50E-06	2.53E-05
6092	474599.37	3848508.15	3.62E-02	3.70E-02	3.53E-02	1.25E-05	3.78E-05	2.19E-05	2.24E-05	2.03E-05	9.05E-06	8.83E-06	4.18E-07	1.01E-05	2.23E-06	3.04E-06	4.82E-06	8.31E-07	4.63E-06	2.61E-05
6093	474526.3	3848443.46	3.60E-02	3.69E-02	3.51E-02	1.25E-05	3.76E-05	2.18E-05	2.23E-05	2.02E-05	9.01E-06	8.79E-06	4.16E-07	1.01E-05	2.22E-06	3.03E-06	4.80E-06	8.27E-07	4.61E-06	2.60E-05

					2028 - RD				2033 - RD				2048 - RD			
	Period			Rates (g/s):	1.53E-02	7.28E-05	2.68E-02		1.57E-02	7.17E-05	2.98E-02		1.49E-02	9.10E-05	5.73E-02	
	Concentration [ug/m^3] at 1 g/s				Concentration [ug/m^3]				Concentration [ug/m^3]				Concentration [ug/m^3]			
	X, Y	BSY (SLINE3)	BSY-Idle (PARE	BSY-Switchers (PAREA3)	BSY	BSY-Idle	BSY-Switcl	Total	BSY	BSY-Idle	BSY-Switcl	Total	BSY	BSY-Idle	BSY-Switcl	Total
1	485973.61, 3854936.51	0.2861	0.61123	0.27114	4.39E-03	4.45E-05	7.27E-03	1.17E-02	4.49E-03	4.38E-05	8.09E-03	1.26E-02	4.26E-03	5.56E-05	1.55E-02	1.98E-02
2	486023.61, 3854936.51	0.27743	0.58581	0.26343	4.26E-03	4.26E-05	7.07E-03	0.011365	4.35E-03	4.20E-05	7.86E-03	1.23E-02	4.13E-03	5.33E-05	1.51E-02	1.93E-02
3	486073.61, 3854936.51	0.27128	0.56582	0.25801	4.16E-03	4.12E-05	6.92E-03	0.011124	4.25E-03	4.05E-05	7.70E-03	1.20E-02	4.04E-03	5.15E-05	1.48E-02	1.89E-02
4	486123.61, 3854936.51	0.26011	0.53716	0.24798	3.99E-03	3.91E-05	6.65E-03	0.010681	4.08E-03	3.85E-05	7.40E-03	1.15E-02	3.87E-03	4.89E-05	1.42E-02	1.81E-02
5	486173.61, 3854936.51	0.25741	0.52466	0.24566	3.95E-03	3.82E-05	6.59E-03	0.010577	4.04E-03	3.76E-05	7.33E-03	1.14E-02	3.83E-03	4.77E-05	1.41E-02	1.80E-02
6	486223.61, 3854936.51	0.25013	0.50437	0.23916	3.84E-03	3.67E-05	6.41E-03	0.010289	3.92E-03	3.61E-05	7.13E-03	1.11E-02	3.73E-03	4.59E-05	1.37E-02	1.75E-02
7	486273.61, 3854936.51	0.24458	0.48769	0.2342	3.75E-03	3.55E-05	6.28E-03	0.01007	3.83E-03	3.49E-05	6.99E-03	1.09E-02	3.64E-03	4.44E-05	1.34E-02	1.71E-02
8	486323.61, 3854936.51	0.23967	0.47259	0.22982	3.68E-03	3.44E-05	6.16E-03	0.009876	3.76E-03	3.39E-05	6.86E-03	1.06E-02	3.57E-03	4.30E-05	1.32E-02	1.68E-02
9	485973.61, 3854986.51	0.30624	0.62508	0.28862	4.70E-03	4.55E-05	7.74E-03	0.012486	4.80E-03	4.48E-05	8.61E-03	1.35E-02	4.56E-03	5.69E-05	1.65E-02	2.12E-02
10	486023.61, 3854986.51	0.29801	0.60104	0.28141	4.57E-03	4.38E-05	7.55E-03	0.012164	4.67E-03	4.31E-05	8.40E-03	1.31E-02	4.44E-03	5.47E-05	1.61E-02	2.06E-02
11	486073.61, 3854986.51	0.28863	0.57564	0.2731	4.43E-03	4.19E-05	7.32E-03	0.011796	4.53E-03	4.12E-05	8.15E-03	1.27E-02	4.30E-03	5.24E-05	1.56E-02	2.00E-02
12	486123.61, 3854986.51	0.27992	0.55214	0.26539	4.30E-03	4.02E-05	7.12E-03	0.011454	4.39E-03	3.96E-05	7.92E-03	1.23E-02	4.17E-03	5.02E-05	1.52E-02	1.94E-02
13	486173.61, 3854986.51	0.2746	0.53527	0.26077	4.21E-03	3.90E-05	6.99E-03	0.011247	4.31E-03	3.84E-05	7.78E-03	1.21E-02	4.09E-03	4.87E-05	1.49E-02	1.91E-02
14	486223.61, 3854986.51	0.26626	0.51366	0.25335	4.09E-03	3.74E-05	6.79E-03	0.010918	4.17E-03	3.68E-05	7.56E-03	1.18E-02	3.97E-03	4.67E-05	1.45E-02	1.85E-02
15	486273.61, 3854986.51	0.2576	0.4921	0.24563	3.95E-03	3.58E-05	6.59E-03	0.010577	4.04E-03	3.53E-05	7.33E-03	1.14E-02	3.84E-03	4.48E-05	1.41E-02	1.80E-02
16	486323.61, 3854986.51	0.25589	0.48288	0.24425	3.93E-03	3.51E-05	6.55E-03	0.010513	4.01E-03	3.46E-05	7.29E-03	1.13E-02	3.81E-03	4.39E-05	1.40E-02	1.78E-02
17	485973.61, 3855036.51	0.32842	0.63671	0.30807	5.04E-03	4.63E-05	8.26E-03	0.013349	5.15E-03	4.56E-05	9.19E-03	1.44E-02	4.89E-03	5.79E-05	1.76E-02	2.26E-02
18	486023.61, 3855036.51	0.3183	0.61018	0.2992	4.88E-03	4.44E-05	8.02E-03	0.012953	4.99E-03	4.37E-05	8.93E-03	1.40E-02	4.74E-03	5.55E-05	1.71E-02	2.19E-02
19	486073.61, 3855036.51	0.30647	0.58142	0.2887	4.70E-03	4.23E-05	7.74E-03	0.012488	4.81E-03	4.17E-05	8.61E-03	1.35E-02	4.57E-03	5.29E-05	1.65E-02	2.12E-02
20	486123.61, 3855036.51	0.29737	0.55816	0.28071	4.56E-03	4.06E-05	7.53E-03	0.012133	4.66E-03	4.00E-05	8.37E-03	1.31E-02	4.43E-03	5.08E-05	1.61E-02	2.06E-02
21	486173.61, 3855036.51	0.29172	0.54137	0.27589	4.48E-03	3.94E-05	7.40E-03	0.011915	4.57E-03	3.88E-05	8.23E-03	1.28E-02	4.35E-03	4.92E-05	1.58E-02	2.02E-02
22	486223.61, 3855036.51	0.28136	0.5172	0.26666	4.32E-03	3.76E-05	7.15E-03	0.011507	4.41E-03	3.71E-05	7.96E-03	1.24E-02	4.19E-03	4.70E-05	1.53E-02	1.95E-02
23	486273.61, 3855036.51	0.27705	0.50367	0.26302	4.25E-03	3.67E-05	7.05E-03	0.011342	4.34E-03	3.61E-05	7.85E-03	1.22E-02	4.13E-03	4.58E-05	1.51E-02	1.92E-02
24	486323.61, 3855036.51	0.26949	0.48516	0.25632	4.14E-03	3.53E-05	6.87E-03	0.011045	4.23E-03	3.48E-05	7.65E-03	1.19E-02	4.01E-03	4.41E-05	1.47E-02	1.87E-02
25	485973.61, 3855086.51	0.35009	0.64167	0.32718	5.37E-03	4.67E-05	8.78E-03	0.014194	5.49E-03	4.60E-05	9.76E-03	1.53E-02	5.22E-03	5.84E-05	1.87E-02	2.40E-02
26	486023.61, 3855086.51	0.34069	0.61764	0.31909	5.23E-03	4.50E-05	8.56E-03	0.013831	5.34E-03	4.43E-05	9.52E-03	1.49E-02	5.08E-03	5.62E-05	1.83E-02	2.34E-02
27	486073.61, 3855086.51	0.32729	0.5876	0.30718	5.02E-03	4.28E-05	8.24E-03	0.013304	5.13E-03	4.21E-05	9.16E-03	1.43E-02	4.88E-03	5.34E-05	1.76E-02	2.25E-02
28	486123.61, 3855086.51	0.31908	0.56691	0.30011	4.90E-03	4.13E-05	8.05E-03	0.012987	5.00E-03	4.06E-05	8.95E-03	1.40E-02	4.75E-03	5.16E-05	1.72E-02	2.20E-02
29	486173.61, 3855086.51	0.30791	0.54194	0.29022	4.72E-03	3.94E-05	7.78E-03	0.012548	4.83E-03	3.88E-05	8.66E-03	1.35E-02	4.59E-03	4.93E-05	1.66E-02	2.13E-02
30	486223.61, 3855086.51	0.3003	0.52334	0.28363	4.61E-03	3.81E-05	7.61E-03	0.012253	4.71E-03	3.75E-05	8.46E-03	1.32E-02	4.47E-03	4.76E-05	1.62E-02	2.08E-02
31	485973.61, 3855136.51	0.37534	0.64728	0.34993	5.76E-03	4.71E-05	9.39E-03	0.015192	5.88E-03	4.64E-05	1.04E-02	1.64E-02	5.59E-03	5.89E-05	2.00E-02	2.57E-02
32	486023.61, 3855136.51	0.36283	0.61966	0.33896	5.57E-03	4.51E-05	9.09E-03	0.014704	5.69E-03	4.44E-05	1.01E-02	1.58E-02	5.41E-03	5.64E-05	1.94E-02	2.49E-02
33	486073.61, 3855136.51	0.35039	0.59289	0.32801	5.38E-03	4.32E-05	8.80E-03	0.014217	5.49E-03	4.25E-05	9.79E-03	1.53E-02	5.22E-03	5.39E-05	1.88E-02	2.41E-02
34	486123.61, 3855136.51	0.33962	0.56941	0.31861	5.21E-03	4.14E-05	8.55E-03	0.013798	5.32E-03	4.08E-05	9.50E-03	1.49E-02	5.06E-03	5.18E-05	1.83E-02	2.34E-02
35	486173.61, 3855136.51	0.32841	0.5458	0.30874	5.04E-03	3.97E-05	8.28E-03	0.01336	5.15E-03	3.91E-05	9.21E-03	1.44E-02	4.89E-03	4.96E-05	1.77E-02	2.26E-02
36	486223.61, 3855136.51	0.31866	0.52499	0.30021	4.89E-03	3.82E-05	8.05E-03	0.01298	5.00E-03	3.76E-05	8.96E-03	1.40E-02	4.75E-03	4.78E-05	1.72E-02	2.20E-02
37	485973.61, 3855186.51	0.40141	0.64903	0.37387	6.16E-03	4.72E-05	1.00E-02	0.016234	6.29E-03	4.65E-05	1.12E-02	1.75E-02	5.98E-03	5.90E-05	2.14E-02	2.75E-02
38	486023.61, 3855186.51	0.38828	0.62236	0.36235	5.96E-03	4.53E-05	9.72E-03	0.015722	6.09E-03	4.46E-05	1.08E-02	1.69E-02	5.78E-03	5.66E-05	2.08E-02	2.66E-02
39	486073.61, 3855186.51	0.37267	0.59257	0.34835	5.72E-03	4.31E-05	9.34E-03	0.015105	5.84E-03	4.25E-05	1.04E-02	1.63E-02	5.55E-03	5.39E-05	2.00E-02	2.56E-02
40	486123.61, 3855186.51	0.35826	0.56528	0.3355	5.50E-03	4.11E-05	9.00E-03	0.014537	5.62E-03	4.05E-05	1.00E-02	1.57E-02	5.34E-03	5.14E-05	1.92E-02	2.46E-02
41	486173.61, 3855186.51	0.34708	0.54334	0.32573	5.33E-03	3.96E-05	8.74E-03	0.014102	5.44E-03	3.89E-05	9.72E-03	1.52E-02	5.17E-03	4.94E-05	1.87E-02	2.39E-02
42	486223.61, 3855186.51	0.33649	0.52273	0.31646	5.16E-03	3.81E-05	8.49E-03	0.013689	5.28E-03	3.75E-05	9.44E-03	1.48E-02	5.01E-03	4.75E-05	1.81E-02	2.32E-02
43	486273.61, 3855186.51	0.32567	0.50219	0.30692	5.00E-03	3.66E-05	8.23E-03	0.013266	5.11E-03	3.60E-05	9.16E-03	1.43E-02	4.85E-03	4.57E-05	1.76E-02	2.25E-02
44	486323.61, 3855186.51	0.32378	0.49496	0.30589	4.97E-03	3.60E-05	8.20E-03	0.013209	5.08E-03	3.55E-05	9.13E-03	1.42E-02	4.82E-03	4.50E-05	1.75E-02	2.24E-02
45	485973.61, 3855236.51	0.42736	0.64581	0.39817	6.56E-03	4.70E-05	1.07E-02	0.017284	6.70E-03	4.63E-05	1.19E-02	1.86E-02	6.37E-03	5.87E-05	2.28E-02	2.92E-02
46	486023.61, 3855236.51	0.4101	0.61526	0.38255	6.29E-03	4.48E-05	1.03E-02	0.016598	6.43E-03	4.41E-05	1.14E-02	1.79E-02	6.11E-03	5.60E-05	2.19E-02	2.81E-02
47	486073.61, 3855236.51	0.39301	0.58564	0.3671	6.03E-03	4.26E-05	9.85E-03	0.015919	6.16E-03	4.20E-05	1.10E-02	1.72E-02	5.85E-03	5.33E-05	2.10E-02	2.69E-02
48	486123.61, 3855236.51	0.37955	0.56184	0.35522	5.82E-03	4.09E-05	9.53E-03	0.015392	5.95E-03	4.03E-05	1.06E-02	1.66E-02	5.65E-03	5.11E-05	2.03E-02	2.61E-02
49	486173.61, 3855236.51	0.36733	0.54019	0.34449	5.64E-03	3.93E-05	9.24E-03	0.014915	5.76E-03	3.87E-05	1.03E-02	1.61E-02	5.47E-03	4.91E-05	1.97E-02	2.53E-02
50	486223.61, 3855236.51	0.35496	0.51869	0.33355	5.45E-03	3.78E-05	8.95E-03	0.014431	5.57E-03	3.72E-05	9.95E-03	1.56E-02	5.29E-03	4.72E-05	1.91E-02	2.44E-02
51	486273.61, 3855236.51	0.33934	0.49306	0.31943	5.21E-03	3.59E-05	8.57E-03	0.01381	5.32E-03	3.53E-05	9.53E-03	1.49E-02	5.06E-03	4.48E-05	1.83E-02	2.34E-02
52	486323.61, 3855236.51	0.34115	0.4918	0.32212	5.24E-03	3.58E-05	8.64E-03	0.01391	5.35E-03	3.52E-05	9.61E-03	1.50E-02	5.08E-03	4.47E-05	1.85E-02	2.36E-02
53	485973.61, 3855286.51	0.45314	0.6379	0.42282	6.95E-03	4.64E-05	1.13E-02	0.01834	7.10E-03	4.57E-05	1.26E-02	1.98E-02	6.75E-03	5.80E-05	2.42E-02	3.10E-02
54	486023.61, 3855286.51	0.43352	0.60682	0.40476	6.65E-03	4.42E-05	1.09E-02	0.017552	6.80E-03	4.35E-05	1.21E-02	1.89E-02	6.46E-03	5.52E-05	2.32E-02	2.97E-02
55	486073.61, 3855286.51	0.41674	0.58023	0.38962	6.39E-03	4.22E-05	1.04E-02	0.016887	6.53E-03	4.16E-05	1.16E-02	1.82E-02	6.21E-03	5.28E-05	2.23E-02	2.86E-02
56	486123.61, 3855286.51	0.40001	0.55413	0.37449	6.14E-03	4.03E-05	1.00E-02	0.016223	6.27E-03	3.97E-05	1.12E-02	1.75E-02	5.96E-03	5.04E-05	2.15E-02	2.75E-02
57	486173.61, 3855286.51	0.38529	0.5311	0.36133	5.91E-03	3.87E-05	9.69E-03	0.015642	6.04E-03	3.81E-05	1.08E-02	1.69E-02	5.74E-03	4.83E-05	2.07E-02	2.65E-02
58	486223.61, 3855286.51	0.37382	0.51268	0.35131	5.74E-03	3.73E-05	9.42E-03	0.015196	5.86E-03	3.67E-05	1.05E-02	1.64E-02	5.57E-03	4.66E-05	2.01E-02	2.57E-02
59	486123.61, 3855336.51	0.42069	0.54382	0.39435	6.46E-03	3.96E-05	1.06E-02	0.017072	6.60E-03	3.90E-05	1.18E-02	1.84E-02	6.27E-03	4.95E-05	2.26E-02	2.89E-02
60	486173.61, 3855336.51	0.40678	0.52408	0.38202	6.24E-03	3.81E-05	1.02E-02	0.016526	6.38E-03	3.76E-05	1.14E-02	1.78E-02	6.06E-03	4.77E-05	2.19E-02	2.80E-02
61	486223.61, 3855336.51	0.3928	0.5044	0.36955	6.03E-03	3.67E-05	9.91E-03	0.015976	6.16E-03	3.61E-05	1.10E-02	1.72E-02	5.85E-03	4.59E-05	2.12E-02	2.71E-02
62	486123.61, 3855386.51	0.44271	0.53236	0.41605	6.79E-03	3.88E-05	1.12E-02	0.017991	6.94E-03	3.81E-05	1.24E-02	1.94E-02	6.60E-03	4.84E-05	2.38E-02	3.05E-02
63	486173.61, 3855386.51	0.42761	0.51346	0.4025	6.56E-03	3.74E-05	1.08E-02	0.017394	6.70E-03	3.68E-05	1.20E-02	1.87E-02	6.37E-03	4.67E-05	2.31E-02	2.95E-02
64	486223.61, 3855386.51	0.41397	0.49633	0.39037	6.35E-03	3.61E-05	1.05E-02	0.016858	6.49E-03	3.56E-05	1.16E-02	1.82E-02	6.17E-03	4.51E-05	2.24E-02	2.86E-02
65	486533.18, 3855443.15	0.3688	0.4066	0.35298	5.66E-03	2.96E-05	9.47E-03	0.015156	5.78E-03	2.91E-05	1.05E-02	1.63E-02	5.49E-03	3.70E-05	2.02E-02	2.58E-02
66	486583.18, 3855443.15	0.35856	0.39445	0.34371	5.50E-03	2.87E-05	9.22E-03	0.014749	5.62E-03	2.83E-05	1.03E-02	1.59E-02	5.34E-03	3.59E-05	1.97E-02	2.51E-02
67	486633.18, 3855443.15	0.34882	0.38277	0.3349	5.35E-03	2.79E-05	8.98E-03	0.014363	5.47E-03	2.74E-05	9.99E-03	1.55E-02	5.20E-03	3.48E-05	1.92E-02	2.44E-02
68	486683.18, 3855443.15	0.3417	0.37386	0.32869	5.24E-03	2.72E-05	8.82E-03	0.014086	5.36E-03	2.68E-05	9.81E-03	1.52E-02	5.09E-03	3.40E-05	1.88E-02	2.40E-02
69	486533.18, 3855493.15	0.38456	0.39796	0.36922	5.90E-03	2.90E-05	9.90E-03	0.015833	6.03E-03	2.85E-05	1.10E-02	1.71E-02	5.73E-03	3.62E-05	2.12E-02	2.69E-02
70	486583.18, 3855493.15	0.37457	0.3874	0.36019	5.75E-03	2.82E-05	9.66E-03	0.015437	5.87E-03	2.78E-05	1.07E-02	1.66E-02	5.58E-03	3.52E-05	2.06E-02	2.62E-02
71	486633.18, 3855493.15	0.36447	0.37656	0.35099	5.59E-03	2.74E-05	9.41E-03	0.015034	5.71E-03	2.70E-05	1.05E-02	1.62E-02	5.43E-03	3.43E-05	2.01E-02	2.56E-02
72	486683.18, 3855493.15	0.35499	0.36624	0.34236	5.45E-03	2.67E-05	9.18E-03	0.014656	5.57E-03	2.62E-05	1.02E-02	1.58E-02	5.29E-03	3.33E-05	1.96E-02	2.49E-02
73	486533.18, 3855543.15	0.40207	0.38948	0.38762	6.17E-03	2.84E-05	1.04E-02	0.016594	6.30E-03	2.79E-05	1.16E-02	1.79E-02	5.99E-03	3.54E-05	2.22E-02	2.82E-02
74	486583.18, 3855543.15	0.38856	0.3768	0.37489	5.96E-03	2.74E-05	1.01E-02	0.016045	6.09E-03	2.70E-05	1.12E-02	1.73E-02	5.79E-03	3.43E-05	2.15E-02	2.73E-02
75	486633.18, 3855543.15	0.37865	0.3674	0.36586	5.81E-03	2.67E-05	9.81E-03	0.01565	5.94E-03	2.63E-05	1.09E-02	1.69E-02	5.64E-03	3.34E-05	2.10E-02	2.66E-02
76	486683.18, 3855543.15	0.36605	0.3552	0.35397	5.62E-03	2.59E-05	9.49E-03	0.015137	5.74E-03	2.55E-05	1.06E-02	1.63E-02	5.45E-03	3.23E-05	2.03E-02	2.58E-02
77	486533.18, 3855593.15	0.4181	0.37806	0.4048	6.42E-03	2.75E-05	1.09E-02	0.0173	6.56E-03	2.71E-05	1.21E-02	1.87E-02	6.23E-03	3.44E-05	2.32E-02	2.95E-02
78	486583.18, 3855593.15	0.40502	0.36723	0.39246	6.22E-03	2.67E-05	1.05E-02	0.016768	6.35E-03	2.63E-05	1.17E-02	1.81E-02	6.03E-03	3.34E-05	2.25E-02	2.85E-02
79	486633.18, 3855593.15	0.39333	0.35741	0.38153	6.04E-03	2.60E-05	1.02E-02	0.016295	6.17E-03	2.56E-05	1.14E-02	1.76E-02	5.86E-03	3.25E-05	2.19E-02	2.77E-02
80	486683.18, 3855593.15	0.38363	0.34916	0.37262	5.89E-03	2.54E-05	9.99E-03	0.015906	6.01E-03	2.50E-05	1.11E-02	1.72E-02	5.71E-03	3.18E-05	2.13E-02	2.71E-02
81	486533.18, 3855643.15	0.43519	0.36643	0.42346	6.68E-03	2.67E-05	1.14E-02	0.018062	6.82E-03	2.63E-05	1.26E-02	1.95E-02	6.48E-03	3.33E-05	2.43E-02	3.08E-02
82	486583.18, 3855643.15	0.42204	0.35691	0.41096	6.48E-03	2.60E-05	1.10E-02	0.017524	6.62E-03	2.56E-05	1.23E-02	1.89E-02	6.29E-03	3.25E-05	2.35E-02	2.99E-02
83	486633.18, 3855643.15	0.40949	0.34758	0.39905	6.28E-03	2.53E-05	1.07E-02	0.017012	6.42E-03	2.49E-05	1.19E-02	1.83E-02	6.10E-03	3.16E-05	2.29E-02	2.90E-02
84	486683.18, 3855643.15	0.39831	0.33914	0.38854	6.11E-03	2.47E-05	1.04E-02	0.016558	6.25E-03	2.43E-05	1.16E-02	1.79E-02	5.93E-03	3.08E-05	2.23E-02	2.82E-02
85	486533.18, 3855693.15	0.45484	0.35592	0.44523	6.98E-03	2.59E-05	1.19E-02	0.018947	7.13E-03	2.55E-05	1.33E-02	2.04E-02	6.78E-03	3.24E-05	2.55E-02	3.23E-02
86	486583.18, 3855693.15	0.43775	0.34457	0.42838	6.72E-03	2.51E-05	1.15E-02	0.018232	6.86E-03	2.47E-05	1.28E-02	1.97E-02	6.52E-03	3.13E-05	2.45E-02	3.11E-02
87	486633.18, 3855693.15	0.42123	0.33326	0.41214	6.46E-03	2.43E-05	1.11E-02	0.017542	6.60E-03	2.39E-05	1.23E-02	1.89E-02	6.28E-03	3.03E-05	2.36E-02	2.99E-02
88	486683.18, 3855693.15	0.41315	0.32838	0.4049	6.34E-03	2.39E-05	1.09E-02	0.017223	6.48E-03	2.35E-05	1.21E-02	1.86E-02	6.15E-03	2.99E-05	2.32E-02	2.94E-02
89	486733.18, 3855693.15	0.40841	0.3259	0.40117	6.27E-03	2.37E-05	1.08E-02	0.01705	6.40E-03	2.34E-05	1.20E-02	1.84E-02	6.08E-03	2.96E-05	2.30E-02	2.91E-02
90	486783.18, 3855693.15	0.40543	0.32455	0.39929	6.22E-03	2.36E-05	1.07E-02	0.016954	6.36E-03	2.33E-05	1.19E-02	1.83E-02	6.04E-03	2.95E-05	2.29E-02	2.89E-02
91	486533.18, 3855743.15	0.47265	0.34323	0.46535	7.25E-03	2.50E-05	1.25E-02	0.019759	7.41E-03	2.46E-05	1.39E-02	2.13E-02	7.04E-03	3.12E-05	2.67E-02	3.37E-02
92	486583.18, 3855743.15	0.45198	0.33066	0.44448	6.94E-03	2.41E-05	1.19E-02	0.018881	7.09E-03	2.37E-05	1.33E-02	2.04E-02	6.73E-03	3.01E-05	2.55E-02	3.22E-02
93	486633.18, 3855743.15	0.43742	0.32211	0.43025	6.71E-03	2.34E-05	1.15E-02	0.018275	6.86E-03	2.31E-05	1.28E-02	1.97E-02	6.52E-03	2.93E-05	2.46E-02	3.12E-02
94	486683.18, 3855743.15	0.43103	0.31932	0.42482	6.61E-03	2.32E-05	1.14E-02	0.018031	6.76E-03	2.29E-05	1.27E-02	1.95E-02	6.42E-03	2.90E-05	2.43E-02	3.08E-02

95	486733.18, 3855743.15	0.42232	0.31449	0.41679	6.48E-03	2.29E-05	1.12E-02	0.017682	6.62E-03	2.25E-05	1.24E-02	1.91E-02	6.29E-03	2.86E-05	2.39E-02	3.02E-02
96	486783.18, 3855743.15	0.42112	0.31497	0.41687	6.46E-03	2.29E-05	1.12E-02	0.017666	6.60E-03	2.26E-05	1.24E-02	1.91E-02	6.27E-03	2.87E-05	2.39E-02	3.02E-02
97	486533.18, 3855793.15	0.49148	0.33104	0.4869	7.54E-03	2.41E-05	1.31E-02	0.020625	7.71E-03	2.37E-05	1.45E-02	2.23E-02	7.32E-03	3.01E-05	2.79E-02	3.52E-02
98	486583.18, 3855793.15	0.46492	0.3159	0.4594	7.13E-03	2.30E-05	1.23E-02	0.019479	7.29E-03	2.26E-05	1.37E-02	2.10E-02	6.93E-03	2.87E-05	2.63E-02	3.33E-02
99	486633.18, 3855793.15	0.45732	0.31325	0.4527	7.02E-03	2.28E-05	1.21E-02	0.019182	7.17E-03	2.24E-05	1.35E-02	2.07E-02	6.81E-03	2.85E-05	2.59E-02	3.28E-02
100	486683.18, 3855793.15	0.45073	0.31096	0.44704	6.92E-03	2.26E-05	1.20E-02	0.018929	7.07E-03	2.23E-05	1.33E-02	2.04E-02	6.71E-03	2.83E-05	2.56E-02	3.24E-02
101	486733.18, 3855793.15	0.44266	0.30732	0.43968	6.79E-03	2.24E-05	1.18E-02	0.018607	6.94E-03	2.20E-05	1.31E-02	2.01E-02	6.59E-03	2.80E-05	2.52E-02	3.18E-02
102	486783.18, 3855793.15	0.4361	0.3044	0.43389	6.69E-03	2.22E-05	1.16E-02	0.018351	6.84E-03	2.18E-05	1.29E-02	1.98E-02	6.50E-03	2.77E-05	2.49E-02	3.14E-02
103	486533.18, 3855843.15	0.50599	0.31621	0.50391	7.76E-03	2.30E-05	1.35E-02	0.021303	7.93E-03	2.27E-05	1.50E-02	2.30E-02	7.54E-03	2.88E-05	2.89E-02	3.64E-02
104	486583.18, 3855843.15	0.48363	0.30532	0.4809	7.42E-03	2.22E-05	1.29E-02	0.020342	7.58E-03	2.19E-05	1.43E-02	2.20E-02	7.20E-03	2.78E-05	2.75E-02	3.48E-02
105	486633.18, 3855843.15	0.47593	0.30323	0.47404	7.30E-03	2.21E-05	1.27E-02	0.020039	7.46E-03	2.17E-05	1.41E-02	2.16E-02	7.09E-03	2.76E-05	2.72E-02	3.43E-02
106	486683.18, 3855843.15	0.46874	0.30111	0.46771	7.19E-03	2.19E-05	1.25E-02	0.019759	7.35E-03	2.16E-05	1.40E-02	2.13E-02	6.98E-03	2.74E-05	2.68E-02	3.38E-02
107	486733.18, 3855843.15	0.46172	0.29876	0.46147	7.09E-03	2.17E-05	1.24E-02	0.019484	7.24E-03	2.14E-05	1.38E-02	2.10E-02	6.88E-03	2.72E-05	2.64E-02	3.33E-02
108	486783.18, 3855843.15	0.45405	0.29564	0.45443	6.97E-03	2.15E-05	1.22E-02	0.019177	7.12E-03	2.12E-05	1.36E-02	2.07E-02	6.76E-03	2.69E-05	2.60E-02	3.28E-02
109	486533.18, 3855893.15	0.51464	0.29874	0.51463	7.90E-03	2.17E-05	1.38E-02	0.021722	8.07E-03	2.14E-05	1.54E-02	2.34E-02	7.67E-03	2.72E-05	2.95E-02	3.72E-02
110	486583.18, 3855893.15	0.50492	0.29646	0.50554	7.75E-03	2.16E-05	1.36E-02	0.021328	7.92E-03	2.12E-05	1.51E-02	2.30E-02	7.52E-03	2.70E-05	2.90E-02	3.65E-02
111	486633.18, 3855893.15	0.495	0.29359	0.49617	7.60E-03	2.14E-05	1.33E-02	0.020925	7.76E-03	2.10E-05	1.48E-02	2.26E-02	7.37E-03	2.67E-05	2.84E-02	3.58E-02
112	486683.18, 3855893.15	0.48718	0.29158	0.48907	7.48E-03	2.12E-05	1.31E-02	0.020614	7.64E-03	2.09E-05	1.46E-02	2.22E-02	7.26E-03	2.65E-05	2.80E-02	3.53E-02
113	486733.18, 3855893.15	0.47964	0.28937	0.48222	7.36E-03	2.11E-05	1.29E-02	0.020315	7.52E-03	2.07E-05	1.44E-02	2.19E-02	7.15E-03	2.63E-05	2.76E-02	3.48E-02
114	486783.18, 3855893.15	0.47368	0.28774	0.47703	7.27E-03	2.09E-05	1.28E-02	0.020084	7.43E-03	2.06E-05	1.42E-02	2.17E-02	7.06E-03	2.62E-05	2.73E-02	3.44E-02
115	486533.18, 3855943.15	0.53263	0.28768	0.53593	8.17E-03	2.09E-05	1.44E-02	0.022568	8.35E-03	2.06E-05	1.60E-02	2.44E-02	7.93E-03	2.62E-05	3.07E-02	3.87E-02
116	486583.18, 3855943.15	0.52705	0.28821	0.53138	8.09E-03	2.10E-05	1.43E-02	0.022361	8.26E-03	2.07E-05	1.59E-02	2.41E-02	7.85E-03	2.62E-05	3.04E-02	3.83E-02
117	486633.18, 3855943.15	0.51489	0.28468	0.51942	7.90E-03	2.07E-05	1.39E-02	0.021853	8.07E-03	2.04E-05	1.55E-02	2.36E-02	7.67E-03	2.59E-05	2.98E-02	3.75E-02
118	486683.18, 3855943.15	0.50811	0.28367	0.51343	7.80E-03	2.06E-05	1.38E-02	0.021588	7.97E-03	2.03E-05	1.53E-02	2.33E-02	7.57E-03	2.58E-05	2.94E-02	3.70E-02
119	486733.18, 3855943.15	0.49839	0.28065	0.50405	7.65E-03	2.04E-05	1.35E-02	0.021187	7.81E-03	2.01E-05	1.50E-02	2.29E-02	7.42E-03	2.55E-05	2.89E-02	3.63E-02
120	486783.18, 3855943.15	0.49268	0.27947	0.49908	7.56E-03	2.03E-05	1.34E-02	0.020966	7.72E-03	2.00E-05	1.49E-02	2.26E-02	7.34E-03	2.54E-05	2.86E-02	3.60E-02
121	486533.18, 3855993.15	0.55562	0.27974	0.56303	8.53E-03	2.04E-05	1.51E-02	0.023647	8.71E-03	2.00E-05	1.68E-02	2.55E-02	8.28E-03	2.54E-05	3.23E-02	4.06E-02
122	486583.18, 3855993.15	0.54595	0.27857	0.55382	8.38E-03	2.03E-05	1.49E-02	0.023252	8.56E-03	2.00E-05	1.65E-02	2.51E-02	8.13E-03	2.53E-05	3.17E-02	3.99E-02
123	486633.18, 3855993.15	0.53572	0.27659	0.54391	8.22E-03	2.01E-05	1.46E-02	0.022829	8.40E-03	1.98E-05	1.62E-02	2.46E-02	7.98E-03	2.52E-05	3.12E-02	3.92E-02
124	486683.18, 3855993.15	0.52819	0.27552	0.53698	8.11E-03	2.01E-05	1.44E-02	0.022527	8.28E-03	1.97E-05	1.60E-02	2.43E-02	7.87E-03	2.51E-05	3.08E-02	3.87E-02
125	486733.18, 3855993.15	0.51866	0.27301	0.52773	7.96E-03	1.99E-05	1.42E-02	0.022133	8.13E-03	1.96E-05	1.57E-02	2.39E-02	7.73E-03	2.48E-05	3.02E-02	3.80E-02
126	486783.18, 3855993.15	0.51094	0.27103	0.52042	7.84E-03	1.97E-05	1.40E-02	0.021818	8.01E-03	1.94E-05	1.55E-02	2.36E-02	7.61E-03	2.47E-05	2.98E-02	3.74E-02
127	486533.18, 3856043.15	0.57794	0.2718	0.58959	8.87E-03	1.98E-05	1.58E-02	0.024701	9.06E-03	1.95E-05	1.76E-02	2.67E-02	8.61E-03	2.47E-05	3.38E-02	4.24E-02
128	486583.18, 3856043.15	0.56932	0.27156	0.58144	8.74E-03	1.98E-05	1.56E-02	0.024351	8.93E-03	1.95E-05	1.73E-02	2.63E-02	8.48E-03	2.47E-05	3.33E-02	4.18E-02
129	486633.18, 3856043.15	0.55708	0.26909	0.56916	8.55E-03	1.96E-05	1.53E-02	0.023833	8.73E-03	1.93E-05	1.70E-02	2.57E-02	8.30E-03	2.45E-05	3.26E-02	4.09E-02
130	486683.18, 3856043.15	0.54979	0.26842	0.56238	8.44E-03	1.95E-05	1.51E-02	0.023539	8.62E-03	1.92E-05	1.68E-02	2.54E-02	8.19E-03	2.44E-05	3.22E-02	4.04E-02
131	486733.18, 3856043.15	0.53874	0.26554	0.5513	8.27E-03	1.93E-05	1.48E-02	0.023073	8.45E-03	1.90E-05	1.64E-02	2.49E-02	8.03E-03	2.42E-05	3.16E-02	3.96E-02
132	486783.18, 3856043.15	0.53272	0.26461	0.54578	8.17E-03	1.93E-05	1.46E-02	0.022832	8.35E-03	1.90E-05	1.63E-02	2.47E-02	7.94E-03	2.41E-05	3.13E-02	3.92E-02
133	486533.18, 3856093.15	0.60412	0.26593	0.62065	9.27E-03	1.94E-05	1.66E-02	0.025936	9.47E-03	1.91E-05	1.85E-02	2.80E-02	9.00E-03	2.42E-05	3.56E-02	4.46E-02
134	486583.18, 3856093.15	0.59219	0.26463	0.60863	9.09E-03	1.93E-05	1.63E-02	0.02543	9.28E-03	1.90E-05	1.82E-02	2.75E-02	8.82E-03	2.41E-05	3.49E-02	4.37E-02
135	486633.18, 3856093.15	0.58031	0.26277	0.59661	8.90E-03	1.91E-05	1.60E-02	0.024925	9.10E-03	1.88E-05	1.78E-02	2.69E-02	8.64E-03	2.39E-05	3.42E-02	4.28E-02
136	486683.18, 3856093.15	0.57138	0.26162	0.58783	8.77E-03	1.90E-05	1.58E-02	0.024553	8.96E-03	1.87E-05	1.75E-02	2.65E-02	8.51E-03	2.38E-05	3.37E-02	4.22E-02
137	486733.18, 3856093.15	0.56083	0.2593	0.57718	8.61E-03	1.89E-05	1.55E-02	0.024105	8.79E-03	1.86E-05	1.72E-02	2.60E-02	8.35E-03	2.36E-05	3.31E-02	4.14E-02
138	486783.18, 3856093.15	0.553	0.25773	0.56972	8.49E-03	1.88E-05	1.53E-02	0.023785	8.67E-03	1.85E-05	1.70E-02	2.57E-02	8.24E-03	2.34E-05	3.26E-02	4.09E-02
139	486533.18, 3856143.15	0.62898	0.25981	0.65034	9.65E-03	1.89E-05	1.74E-02	0.027113	9.86E-03	1.86E-05	1.94E-02	2.93E-02	9.37E-03	2.36E-05	3.73E-02	4.66E-02
140	486583.18, 3856143.15	0.61421	0.2578	0.63495	9.43E-03	1.88E-05	1.70E-02	0.026474	9.63E-03	1.85E-05	1.89E-02	2.86E-02	9.15E-03	2.34E-05	3.64E-02	4.55E-02
141	486633.18, 3856143.15	0.60414	0.25702	0.62478	9.27E-03	1.87E-05	1.68E-02	0.026046	9.47E-03	1.84E-05	1.86E-02	2.81E-02	9.00E-03	2.34E-05	3.58E-02	4.48E-02
142	486683.18, 3856143.15	0.5934	0.25539	0.61381	9.11E-03	1.86E-05	1.65E-02	0.025587	9.30E-03	1.83E-05	1.83E-02	2.76E-02	8.84E-03	2.32E-05	3.52E-02	4.40E-02
143	486733.18, 3856143.15	0.58319	0.25345	0.6034	8.95E-03	1.84E-05	1.62E-02	0.025151	9.14E-03	1.82E-05	1.80E-02	2.72E-02	8.69E-03	2.31E-05	3.46E-02	4.33E-02
144	486783.18, 3856143.15	0.57744	0.25289	0.5979	8.86E-03	1.84E-05	1.60E-02	0.024915	9.05E-03	1.81E-05	1.78E-02	2.69E-02	8.60E-03	2.30E-05	3.43E-02	4.29E-02
145	486533.18, 3856193.15	0.65744	0.25539	0.68415	1.01E-02	1.86E-05	1.83E-02	0.028456	1.03E-02	1.83E-05	2.04E-02	3.07E-02	9.79E-03	2.32E-05	3.92E-02	4.90E-02
146	486583.18, 3856193.15	0.63971	0.25277	0.6652	9.82E-03	1.84E-05	1.78E-02	0.027676	1.00E-02	1.81E-05	1.98E-02	2.99E-02	9.53E-03	2.30E-05	3.81E-02	4.77E-02
147	486633.18, 3856193.15	0.62864	0.25191	0.65371	9.65E-03	1.83E-05	1.75E-02	0.027198	9.86E-03	1.80E-05	1.95E-02	2.94E-02	9.36E-03	2.29E-05	3.74E-02	4.68E-02
148	486683.18, 3856193.15	0.6206	0.25154	0.64558	9.52E-03	1.83E-05	1.73E-02	0.026856	9.73E-03	1.80E-05	1.93E-02	2.90E-02	9.25E-03	2.29E-05	3.70E-02	4.62E-02
149	486733.18, 3856193.15	0.60813	0.24896	0.63246	9.33E-03	1.81E-05	1.70E-02	0.026313	9.53E-03	1.78E-05	1.89E-02	2.84E-02	9.06E-03	2.26E-05	3.62E-02	4.53E-02
150	486783.18, 3856193.15	0.60171	0.2482	0.62608	9.23E-03	1.81E-05	1.68E-02	0.026043	9.43E-03	1.78E-05	1.87E-02	2.81E-02	8.96E-03	2.26E-05	3.59E-02	4.49E-02
151	486533.18, 3856243.15	0.68542	0.25094	0.71745	1.05E-02	1.83E-05	1.92E-02	0.029779	1.07E-02	1.80E-05	2.14E-02	3.22E-02	1.02E-02	2.28E-05	4.11E-02	5.13E-02
152	486583.18, 3856243.15	0.67009	0.24971	0.70093	1.03E-02	1.82E-05	1.88E-02	0.0291	1.05E-02	1.79E-05	2.09E-02	3.14E-02	9.98E-03	2.27E-05	4.02E-02	5.02E-02
153	486633.18, 3856243.15	0.65631	0.24829	0.68615	1.01E-02	1.81E-05	1.84E-02	0.028492	1.03E-02	1.78E-05	2.05E-02	3.08E-02	9.78E-03	2.26E-05	3.93E-02	4.91E-02
154	486683.18, 3856243.15	0.64521	0.24705	0.67438	9.90E-03	1.80E-05	1.81E-02	0.028006	1.01E-02	1.77E-05	2.01E-02	3.03E-02	9.61E-03	2.25E-05	3.86E-02	4.83E-02
155	486733.18, 3856243.15	0.63614	0.24588	0.66489	9.76E-03	1.79E-05	1.78E-02	0.027612	9.97E-03	1.76E-05	1.98E-02	2.98E-02	9.48E-03	2.24E-05	3.81E-02	4.76E-02
156	486783.18, 3856243.15	0.62528	0.24361	0.65338	9.60E-03	1.77E-05	1.75E-02	0.027137	9.80E-03	1.75E-05	1.95E-02	2.93E-02	9.31E-03	2.22E-05	3.74E-02	4.68E-02
157	486533.18, 3856293.15	0.7171	0.24759	0.75485	1.10E-02	1.80E-05	2.02E-02	0.031267	1.12E-02	1.77E-05	2.25E-02	3.38E-02	1.07E-02	2.25E-05	4.32E-02	5.39E-02
158	486583.18, 3856293.15	0.69995	0.24642	0.73598	1.07E-02	1.79E-05	1.97E-02	0.030498	1.10E-02	1.77E-05	2.20E-02	3.29E-02	1.04E-02	2.24E-05	4.22E-02	5.26E-02
159	486633.18, 3856293.15	0.68579	0.2454	0.72051	1.05E-02	1.79E-05	1.93E-02	0.029866	1.08E-02	1.76E-05	2.15E-02	3.23E-02	1.02E-02	2.23E-05	4.13E-02	5.15E-02
160	486683.18, 3856293.15	0.67318	0.24402	0.70685	1.03E-02	1.78E-05	1.90E-02	0.029306	1.06E-02	1.75E-05	2.11E-02	3.17E-02	1.00E-02	2.22E-05	4.05E-02	5.05E-02
161	486733.18, 3856293.15	0.66449	0.24317	0.69759	1.02E-02	1.77E-05	1.87E-02	0.028924	1.04E-02	1.74E-05	2.08E-02	3.12E-02	9.90E-03	2.21E-05	4.00E-02	4.99E-02
162	486783.18, 3856293.15	0.6523	0.24064	0.68443	1.00E-02	1.75E-05	1.84E-02	0.028384	1.02E-02	1.72E-05	2.04E-02	3.07E-02	9.72E-03	2.19E-05	3.92E-02	4.89E-02
163	486783.18, 3856343.15	0.68429	0.23948	0.72077	1.05E-02	1.74E-05	1.93E-02	0.029849	1.07E-02	1.72E-05	2.15E-02	3.22E-02	1.02E-02	2.18E-05	4.13E-02	5.15E-02
164	486833.18, 3856343.15	0.67298	0.23731	0.70839	1.03E-02	1.73E-05	1.90E-02	0.029344	1.06E-02	1.70E-05	2.11E-02	3.17E-02	1.00E-02	2.16E-05	4.06E-02	5.06E-02
165	486883.18, 3856343.15	0.66239	0.23552	0.69683	1.02E-02	1.71E-05	1.87E-02	0.028871	1.04E-02	1.69E-05	2.08E-02	3.12E-02	9.87E-03	2.14E-05	3.99E-02	4.98E-02
166	486783.18, 3856393.15	0.71274	0.23734	0.75296	1.09E-02	1.73E-05	2.02E-02	0.031149	1.12E-02	1.70E-05	2.25E-02	3.37E-02	1.06E-02	2.16E-05	4.31E-02	5.38E-02
167	486833.18, 3856393.15	0.70123	0.23545	0.74023	1.08E-02	1.71E-05	1.99E-02	0.030631	1.10E-02	1.69E-05	2.21E-02	3.31E-02	1.04E-02	2.14E-05	4.24E-02	5.29E-02
168	486883.18, 3856393.15	0.68722	0.23296	0.72477	1.05E-02	1.70E-05	1.94E-02	0.030001	1.08E-02	1.67E-05	2.16E-02	3.24E-02	1.02E-02	2.12E-05	4.15E-02	5.18E-02
169	487208.74, 3856886.11	0.91371	0.34554	0.9818	1.40E-02	2.52E-05	2.63E-02	0.040379	1.43E-02	2.48E-05	2.93E-02	4.36E-02	1.36E-02	3.14E-05	5.62E-02	6.99E-02
170	487258.74, 3856886.11	0.88776	0.35972	0.95329	1.36E-02	2.62E-05	2.56E-02	0.039217	1.39E-02	2.58E-05	2.84E-02	4.24E-02	1.32E-02	3.27E-05	5.46E-02	6.79E-02
171	487308.74, 3856886.11	0.86377	0.37536	0.92712	1.33E-02	2.73E-05	2.49E-02	0.038148	1.35E-02	2.69E-05	2.77E-02	4.12E-02	1.29E-02	3.41E-05	5.31E-02	6.60E-02
172	487358.74, 3856886.11	0.84009	0.39073	0.90114	1.29E-02	2.84E-05	2.42E-02	0.037089	1.32E-02	2.80E-05	2.69E-02	4.01E-02	1.25E-02	3.55E-05	5.16E-02	6.42E-02
173	487208.74, 3856936.11	0.95512	0.40589	1.03055	1.47E-02	2.95E-05	2.76E-02	0.042326	1.50E-02	2.91E-05	3.07E-02	4.57E-02	1.42E-02	3.69E-05	5.90E-02	7.33E-02
174	487258.74, 3856936.11	0.92663	0.42654	0.99913	1.42E-02	3.10E-05	2.68E-02	0.041047	1.45E-02	3.06E-05	2.98E-02	4.44E-02	1.38E-02	3.88E-05	5.72E-02	7.11E-02
175	487308.74, 3856936.11	0.90065	0.448	0.97055	1.38E-02	3.26E-05	2.60E-02	0.039884	1.41E-02	3.21E-05	2.90E-02	4.31E-02	1.34E-02	4.08E-05	5.56E-02	6.91E-02
176	487358.74, 3856936.11	0.87538	0.46835	0.94273	1.34E-02	3.41E-05	2.53E-02	0.038751	1.37E-02	3.36E-05	2.81E-02	4.19E-02	1.30E-02	4.26E-05	5.40E-02	6.71E-02
177	487208.74, 3856986.11	0.99961	0.50239	1.08343	1.53E-02	3.66E-05	2.91E-02	0.044434	1.57E-02	3.60E-05	3.23E-02	4.80E-02	1.49E-02	4.57E-05	6.21E-02	7.70E-02
178	487258.74, 3856986.11	0.96988	0.53157	1.05077	1.49E-02	3.87E-05	2.82E-02	0.043104	1.52E-02	3.81E-05	3.13E-02	4.66E-02	1.44E-02	4.84E-05	6.02E-02	7.47E-02
179	487308.74, 3856986.11	0.93943	0.55619	1.01664	1.44E-02	4.05E-05	2.73E-02	0.041723	1.47E-02	3.99E-05	3.03E-02	4.51E-02	1.40E-02	5.06E-05	5.82E-02	7.23E-02
180	487358.74, 3856986.11	0.91287	0.58154	0.98754	1.40E-02	4.23E-05	2.65E-02	0.040537	1.43E-02	4.17E-05	2.95E-02	4.38E-02	1.36E-02	5.29E-05	5.66E-02	7.02E-02
181	487208.74, 3857036.11	1.04729	0.65562	1.14078	1.61E-02	4.77E-05	3.06E-02	0.046715	1.64E-02	4.70E-05	3.40E-02	5.05E-02	1.56E-02	5.96E-05	6.53E-02	8.10E-02
182	487258.74, 3857036.11	1.01327	0.68879	1.10293	1.55E-02	5.01E-05	2.96E-02	0.04518	1.59E-02	4.94E-05	3.29E-02	4.88E-02	1.51E-02	6.27E-05	6.32E-02	7.83E-02
183	487308.74, 3857036.11	0.98244	0.71946	1.06877	1.51E-02	5.24E-05	2.87E-02	0.043793	1.54E-02	5.16E-05	3.19E-02	4.73E-02	1.46E-02	6.54E-05	6.12E-02	7.59E-02
184	487358.74, 3857036.11	0.95247	0.74419	1.03533	1.46E-02	5.42E-05	2.78E-02	0.042438	1.49E-02	5.33E-05	3.09E-02	4.59E-02	1.42E-02	6.77E-05	5.93E-02	7.36E-02
185	487427.14, 3856878.23	0.80791	0.40368	0.86586	1.24E-02	2.94E-05	2.32E-02	0.03565	1.27E-02	2.89E-05	2.58E-02	3.85E-02	1.20E-02	3.67E-05	4.96E-02	6.17E-02
186	487477.14, 3856878.23	0.78855	0.41889	0.84487	1.21E-02	3.05E-05	2.27E-02	0.034791	1.24E-02	3.00E-05	2.52E-02	3.76E-02	1.17E-02	3.81E-05	4.84E-02	6.02E-02
187	487527.14, 3856878.23	0.7696	0.43249	0.8242	1.18E-02	3.15E-05	2.21E-02	0.033947	1.21E-02	3.10E-05	2.46E-02	3.67E-02	1.15E-02	3.93E-05	4.72E-02	5.87E-02
188	487427.14, 3856928.23	0.83957	0.48116	0.90309	1.29E-02	3.50E-05	2.42E-02	0.03714	1.32E-02	3.45E-05	2.69E-02	4.01E-02	1.25E-02	4.38E-05	5.17E-02	6.43E-02
189	487477.14, 3856928.23	0.81732	0.49735	0.87855	1.25E-02	3.62E-05	2.36E-02	0.036141	1.28E-02	3.56E-05	2.62E-02	3.91E-02	1.22E-02	4.52E-05	5.03E-02	6.25E-02
190	487527.14, 3856928.23	0.79733	0.51285	0.85669	1.22E-02	3.73E-05	2.30E-02	0.035249	1.25E-02	3.67E-05	2.56E-02	3.81E-02	1.19E-02	4.66E-05	4.91E-02	6.10E-02
191	487577.14, 3856928.23	0.77813	0.52619	0.8357	1.19E-02	3.83E-05	2.24E-02	0.034393	1.22E-02	3.77E-05	2.49E-02	3.72E-02	1.16E-02	4.79E-05	4.79E-02	5.95E-02
192	487627.14, 3856928.23	0.7588	0.53646	0.81438	1.16E-02	3.90E-05	2.18E-02	0.033525	1.19E-02	3.84E-05	2.43E-02	3.62E-02	1.13E-02	4.88E-05	4.67E-02	5.80E-02

193	487677.14, 3856928.23	0.74185	0.54738	0.79604	1.14E-02	3.98E-05	2.14E-02	0.032774	1.16E-02	3.92E-05	2.37E-02	3.54E-02	1.11E-02	4.98E-05	4.56E-02	5.67E-02
194	487727.14, 3856928.23	0.72581	0.55715	0.77866	1.11E-02	4.06E-05	2.09E-02	0.032062	1.14E-02	3.99E-05	2.32E-02	3.46E-02	1.08E-02	5.07E-05	4.46E-02	5.55E-02
195	487777.14, 3856928.23	0.70939	0.56415	0.7608	1.09E-02	4.11E-05	2.04E-02	0.031332	1.11E-02	4.04E-05	2.27E-02	3.39E-02	1.06E-02	5.13E-05	4.36E-02	5.42E-02
196	487427.14, 3856978.23	0.87199	0.5888	0.9416	1.34E-02	4.29E-05	2.53E-02	0.038678	1.37E-02	4.22E-05	2.81E-02	4.18E-02	1.30E-02	5.36E-05	5.39E-02	6.70E-02
197	487477.14, 3856978.23	0.84892	0.60695	0.91624	1.30E-02	4.42E-05	2.46E-02	0.037645	1.33E-02	4.35E-05	2.73E-02	4.07E-02	1.26E-02	5.52E-05	5.25E-02	6.52E-02
198	487527.14, 3856978.23	0.82704	0.62206	0.89211	1.27E-02	4.53E-05	2.39E-02	0.036663	1.30E-02	4.46E-05	2.66E-02	3.96E-02	1.23E-02	5.66E-05	5.11E-02	6.35E-02
199	487577.14, 3856978.23	0.80592	0.63403	0.86876	1.24E-02	4.62E-05	2.33E-02	0.035714	1.26E-02	4.54E-05	2.59E-02	3.86E-02	1.20E-02	5.77E-05	4.98E-02	6.18E-02
200	487627.14, 3856978.23	0.78494	0.64253	0.84549	1.20E-02	4.68E-05	2.27E-02	0.034768	1.23E-02	4.60E-05	2.52E-02	3.76E-02	1.17E-02	5.84E-05	4.84E-02	6.02E-02
201	487677.14, 3856978.23	0.76662	0.6516	0.82537	1.18E-02	4.74E-05	2.21E-02	0.033948	1.20E-02	4.67E-05	2.46E-02	3.67E-02	1.14E-02	5.93E-05	4.73E-02	5.88E-02
202	487727.14, 3856978.23	0.7461	0.65442	0.80271	1.14E-02	4.76E-05	2.15E-02	0.033026	1.17E-02	4.69E-05	2.39E-02	3.57E-02	1.11E-02	5.95E-05	4.60E-02	5.72E-02
203	487777.14, 3856978.23	0.73201	0.66394	0.78785	1.12E-02	4.83E-05	2.11E-02	0.032412	1.15E-02	4.76E-05	2.35E-02	3.50E-02	1.09E-02	6.04E-05	4.51E-02	5.61E-02
204	487427.14, 3857028.23	0.90836	0.74139	0.98532	1.39E-02	5.40E-05	2.64E-02	0.04042	1.42E-02	5.31E-05	2.94E-02	4.37E-02	1.35E-02	6.74E-05	5.64E-02	7.00E-02
205	487477.14, 3857028.23	0.88284	0.75605	0.95666	1.35E-02	5.50E-05	2.57E-02	0.03926	1.38E-02	5.42E-05	2.85E-02	4.24E-02	1.32E-02	6.88E-05	5.48E-02	6.80E-02
206	487527.14, 3857028.23	0.85823	0.76641	0.92918	1.32E-02	5.58E-05	2.49E-02	0.038147	1.35E-02	5.49E-05	2.77E-02	4.12E-02	1.28E-02	6.97E-05	5.32E-02	6.61E-02
207	487577.14, 3857028.23	0.83536	0.7747	0.90391	1.28E-02	5.64E-05	2.42E-02	0.037118	1.31E-02	5.55E-05	2.70E-02	4.01E-02	1.24E-02	7.05E-05	5.18E-02	6.43E-02
208	487627.14, 3857028.23	0.81237	0.77797	0.8782	1.25E-02	5.66E-05	2.36E-02	0.036076	1.27E-02	5.57E-05	2.62E-02	3.90E-02	1.21E-02	7.08E-05	5.03E-02	6.25E-02
209	487677.14, 3857028.23	0.79194	0.78165	0.8558	1.22E-02	5.69E-05	2.30E-02	0.035162	1.24E-02	5.60E-05	2.55E-02	3.80E-02	1.18E-02	7.11E-05	4.90E-02	6.09E-02
210	487727.14, 3857028.23	0.77329	0.78431	0.83552	1.19E-02	5.71E-05	2.24E-02	0.034332	1.21E-02	5.62E-05	2.49E-02	3.71E-02	1.15E-02	7.13E-05	4.79E-02	5.95E-02
211	487777.14, 3857028.23	0.75459	0.78295	0.81516	1.16E-02	5.70E-05	2.19E-02	0.033499	1.18E-02	5.61E-05	2.43E-02	3.62E-02	1.12E-02	7.12E-05	4.67E-02	5.80E-02
212	487427.14, 3857078.23	0.94662	0.94777	1.03142	1.45E-02	6.90E-05	2.77E-02	0.042258	1.48E-02	6.79E-05	3.08E-02	4.57E-02	1.41E-02	8.62E-05	5.91E-02	7.33E-02
213	487477.14, 3857078.23	0.9179	0.95249	0.99893	1.41E-02	6.93E-05	2.68E-02	0.040946	1.44E-02	6.82E-05	2.98E-02	4.43E-02	1.37E-02	8.66E-05	5.72E-02	7.10E-02
214	487527.14, 3857078.23	0.89154	0.95477	0.9693	1.37E-02	6.95E-05	2.60E-02	0.039747	1.40E-02	6.84E-05	2.89E-02	4.30E-02	1.33E-02	8.68E-05	5.55E-02	6.89E-02
215	487577.14, 3857078.23	0.86622	0.95333	0.94104	1.33E-02	6.94E-05	2.52E-02	0.038601	1.36E-02	6.83E-05	2.81E-02	4.17E-02	1.29E-02	8.67E-05	5.39E-02	6.69E-02
216	487627.14, 3857078.23	0.84177	0.94818	0.91379	1.29E-02	6.90E-05	2.45E-02	0.037494	1.32E-02	6.79E-05	2.73E-02	4.05E-02	1.25E-02	8.62E-05	5.23E-02	6.50E-02
217	487677.14, 3857078.23	0.8193	0.94195	0.88904	1.26E-02	6.86E-05	2.38E-02	0.036485	1.28E-02	6.75E-05	2.65E-02	3.94E-02	1.22E-02	8.57E-05	5.09E-02	6.32E-02
218	487727.14, 3857078.23	0.79834	0.9337	0.86605	1.23E-02	6.80E-05	2.32E-02	0.035547	1.25E-02	6.69E-05	2.58E-02	3.84E-02	1.19E-02	8.49E-05	4.96E-02	6.16E-02
219	487777.14, 3857078.23	0.77744	0.9212	0.84317	1.19E-02	6.71E-05	2.26E-02	0.034611	1.22E-02	6.60E-05	2.52E-02	3.74E-02	1.16E-02	8.38E-05	4.83E-02	6.00E-02
220	487427.14, 3857128.23	0.98778	1.21967	1.08135	1.52E-02	8.88E-05	2.90E-02	0.044249	1.55E-02	8.74E-05	3.23E-02	4.78E-02	1.47E-02	1.11E-04	6.19E-02	7.68E-02
221	487477.14, 3857128.23	0.95569	1.20544	1.04471	1.47E-02	8.77E-05	2.80E-02	0.042773	1.50E-02	8.64E-05	3.12E-02	4.62E-02	1.42E-02	1.10E-04	5.98E-02	7.42E-02
222	487527.14, 3857128.23	0.9257	1.18892	1.01078	1.42E-02	8.65E-05	2.71E-02	0.041401	1.45E-02	8.52E-05	3.02E-02	4.48E-02	1.38E-02	1.08E-04	5.79E-02	7.18E-02
223	487577.14, 3857128.23	0.89824	1.17193	0.98008	1.38E-02	8.53E-05	2.63E-02	0.040155	1.41E-02	8.40E-05	2.92E-02	4.34E-02	1.34E-02	1.07E-04	5.61E-02	6.96E-02
224	487627.14, 3857128.23	0.87238	1.15249	0.95133	1.34E-02	8.39E-05	2.55E-02	0.038986	1.37E-02	8.26E-05	2.84E-02	4.21E-02	1.30E-02	1.05E-04	5.45E-02	6.76E-02
225	487677.14, 3857128.23	0.84703	1.12868	0.92318	1.30E-02	8.22E-05	2.48E-02	0.03784	1.33E-02	8.09E-05	2.75E-02	4.09E-02	1.26E-02	1.03E-04	5.29E-02	6.56E-02
226	487727.14, 3857128.23	0.8247	1.10653	0.89875	1.27E-02	8.05E-05	2.41E-02	0.036841	1.29E-02	7.93E-05	2.68E-02	3.98E-02	1.23E-02	1.01E-04	5.15E-02	6.39E-02
227	487777.14, 3857128.23	0.80207	1.07935	0.87379	1.23E-02	7.86E-05	2.34E-02	0.035822	1.26E-02	7.73E-05	2.61E-02	3.87E-02	1.19E-02	9.82E-05	5.01E-02	6.21E-02
228	488049.44, 3856539.39	0.51737	0.27533	0.54434	7.94E-03	2.00E-05	1.46E-02	0.022559	8.11E-03	1.97E-05	1.62E-02	2.44E-02	7.71E-03	2.50E-05	3.12E-02	3.89E-02
229	488099.44, 3856539.39	0.50827	0.27799	0.53476	7.80E-03	2.02E-05	1.43E-02	0.022162	7.97E-03	1.99E-05	1.60E-02	2.39E-02	7.57E-03	2.53E-05	3.06E-02	3.82E-02
230	488149.44, 3856539.39	0.50031	0.28126	0.52638	7.68E-03	2.05E-05	1.41E-02	0.021816	7.84E-03	2.02E-05	1.57E-02	2.36E-02	7.45E-03	2.56E-05	3.02E-02	3.76E-02
231	488049.44, 3856589.39	0.5315	0.29243	0.56015	8.16E-03	2.13E-05	1.50E-02	0.023201	8.33E-03	2.10E-05	1.67E-02	2.51E-02	7.92E-03	2.66E-05	3.21E-02	4.00E-02
232	488099.44, 3856589.39	0.52218	0.29581	0.55031	8.01E-03	2.15E-05	1.48E-02	0.022794	8.19E-03	2.12E-05	1.64E-02	2.46E-02	7.78E-03	2.69E-05	3.15E-02	3.93E-02
233	488149.44, 3856589.39	0.51339	0.29932	0.54105	7.88E-03	2.18E-05	1.45E-02	0.022411	8.05E-03	2.14E-05	1.61E-02	2.42E-02	7.65E-03	2.72E-05	3.10E-02	3.87E-02
234	488199.44, 3856589.39	0.50436	0.30231	0.53155	7.74E-03	2.20E-05	1.43E-02	0.022018	7.91E-03	2.17E-05	1.59E-02	2.38E-02	7.51E-03	2.75E-05	3.04E-02	3.80E-02
235	488249.44, 3856589.39	0.49781	0.30688	0.5247	7.64E-03	2.23E-05	1.41E-02	0.021734	7.81E-03	2.20E-05	1.57E-02	2.35E-02	7.42E-03	2.79E-05	3.01E-02	3.75E-02
236	488049.44, 3856639.39	0.54557	0.3141	0.57601	8.37E-03	2.29E-05	1.54E-02	0.023844	8.55E-03	2.25E-05	1.72E-02	2.58E-02	8.13E-03	2.86E-05	3.30E-02	4.12E-02
237	488099.44, 3856639.39	0.53583	0.31799	0.56568	8.22E-03	2.31E-05	1.52E-02	0.023417	8.40E-03	2.28E-05	1.69E-02	2.53E-02	7.98E-03	2.89E-05	3.24E-02	4.04E-02
238	488149.44, 3856639.39	0.52646	0.32173	0.55579	8.08E-03	2.34E-05	1.49E-02	0.023009	8.25E-03	2.31E-05	1.66E-02	2.49E-02	7.84E-03	2.93E-05	3.18E-02	3.97E-02
239	488199.44, 3856639.39	0.51811	0.32581	0.54699	7.95E-03	2.37E-05	1.47E-02	0.022645	8.12E-03	2.33E-05	1.63E-02	2.45E-02	7.72E-03	2.96E-05	3.13E-02	3.91E-02
240	488249.44, 3856639.39	0.5097	0.32925	0.53814	7.82E-03	2.40E-05	1.44E-02	0.022279	7.99E-03	2.36E-05	1.61E-02	2.41E-02	7.59E-03	2.99E-05	3.08E-02	3.85E-02
241	488299.44, 3856639.39	0.50156	0.33233	0.52965	7.70E-03	2.42E-05	1.42E-02	0.021926	7.86E-03	2.38E-05	1.58E-02	2.37E-02	7.47E-03	3.02E-05	3.03E-02	3.78E-02
242	488349.44, 3856639.39	0.49318	0.33449	0.52091	7.57E-03	2.43E-05	1.40E-02	0.021563	7.73E-03	2.40E-05	1.55E-02	2.33E-02	7.35E-03	3.04E-05	2.98E-02	3.72E-02
243	488399.44, 3856639.39	0.48613	0.3372	0.51363	7.46E-03	2.45E-05	1.38E-02	0.02126	7.62E-03	2.42E-05	1.53E-02	2.30E-02	7.24E-03	3.07E-05	2.94E-02	3.67E-02
244	488099.44, 3856689.39	0.55013	0.34597	0.58192	8.44E-03	2.52E-05	1.56E-02	0.024074	8.63E-03	2.48E-05	1.74E-02	2.60E-02	8.20E-03	3.15E-05	3.33E-02	4.16E-02
245	488149.44, 3856689.39	0.54012	0.3496	0.57131	8.29E-03	2.54E-05	1.53E-02	0.023636	8.47E-03	2.50E-05	1.70E-02	2.55E-02	8.05E-03	3.18E-05	3.27E-02	4.08E-02
246	488199.44, 3856689.39	0.53113	0.35343	0.56184	8.15E-03	2.57E-05	1.51E-02	0.023245	8.33E-03	2.53E-05	1.68E-02	2.51E-02	7.91E-03	3.21E-05	3.22E-02	4.01E-02
247	488249.44, 3856689.39	0.52168	0.356	0.55188	8.01E-03	2.59E-05	1.48E-02	0.022833	8.18E-03	2.55E-05	1.65E-02	2.47E-02	7.77E-03	3.24E-05	3.16E-02	3.94E-02
248	488299.44, 3856689.39	0.51372	0.35917	0.54356	7.88E-03	2.61E-05	1.46E-02	0.022488	8.05E-03	2.57E-05	1.62E-02	2.43E-02	7.65E-03	3.27E-05	3.11E-02	3.88E-02
249	488349.44, 3856689.39	0.50494	0.36074	0.53439	7.75E-03	2.63E-05	1.43E-02	0.022107	7.92E-03	2.58E-05	1.59E-02	2.39E-02	7.52E-03	3.28E-05	3.06E-02	3.82E-02
250	488399.44, 3856689.39	0.49563	0.36097	0.52468	7.61E-03	2.63E-05	1.41E-02	0.021704	7.77E-03	2.59E-05	1.57E-02	2.34E-02	7.38E-03	3.28E-05	3.01E-02	3.75E-02
251	488099.44, 3856739.39	0.56478	0.38041	0.59881	8.67E-03	2.77E-05	1.61E-02	0.024755	8.86E-03	2.73E-05	1.79E-02	2.67E-02	8.41E-03	3.46E-05	3.43E-02	4.28E-02
252	488149.44, 3856739.39	0.55379	0.38311	0.58707	8.50E-03	2.79E-05	1.57E-02	0.024271	8.68E-03	2.75E-05	1.75E-02	2.62E-02	8.25E-03	3.48E-05	3.36E-02	4.19E-02
253	488199.44, 3856739.39	0.54465	0.38682	0.5775	8.36E-03	2.82E-05	1.55E-02	0.023875	8.54E-03	2.77E-05	1.72E-02	2.58E-02	8.11E-03	3.52E-05	3.31E-02	4.12E-02
254	488249.44, 3856739.39	0.53468	0.38854	0.56695	8.20E-03	2.83E-05	1.52E-02	0.023439	8.38E-03	2.78E-05	1.69E-02	2.53E-02	7.97E-03	3.53E-05	3.25E-02	4.05E-02
255	488299.44, 3856739.39	0.52429	0.38877	0.55591	8.05E-03	2.83E-05	1.49E-02	0.022983	8.22E-03	2.79E-05	1.66E-02	2.48E-02	7.81E-03	3.54E-05	3.18E-02	3.97E-02
256	488349.44, 3856739.39	0.51653	0.39109	0.54795	7.93E-03	2.85E-05	1.47E-02	0.022651	8.10E-03	2.80E-05	1.63E-02	2.45E-02	7.69E-03	3.56E-05	3.14E-02	3.91E-02
257	488399.44, 3856739.39	0.50872	0.39255	0.53992	7.81E-03	2.86E-05	1.45E-02	0.022316	7.98E-03	2.81E-05	1.61E-02	2.41E-02	7.58E-03	3.57E-05	3.09E-02	3.85E-02
258	487999.44, 3856789.39	0.60008	0.41168	0.63782	9.21E-03	3.00E-05	1.71E-02	0.026345	9.41E-03	2.95E-05	1.90E-02	2.85E-02	8.94E-03	3.74E-05	3.65E-02	4.55E-02
259	488049.44, 3856789.39	0.58884	0.41622	0.62582	9.04E-03	3.03E-05	1.68E-02	0.025851	9.23E-03	2.98E-05	1.87E-02	2.79E-02	8.77E-03	3.79E-05	3.58E-02	4.47E-02
260	488099.44, 3856789.39	0.57876	0.42086	0.61513	8.88E-03	3.06E-05	1.65E-02	0.02541	9.07E-03	3.02E-05	1.84E-02	2.75E-02	8.62E-03	3.83E-05	3.52E-02	4.39E-02
261	488149.44, 3856789.39	0.56769	0.42312	0.60335	8.71E-03	3.08E-05	1.62E-02	0.024924	8.90E-03	3.03E-05	1.80E-02	2.69E-02	8.46E-03	3.85E-05	3.46E-02	4.31E-02
262	488199.44, 3856789.39	0.55764	0.42528	0.59269	8.56E-03	3.10E-05	1.59E-02	0.024484	8.74E-03	3.05E-05	1.77E-02	2.65E-02	8.31E-03	3.87E-05	3.40E-02	4.23E-02
263	488249.44, 3856789.39	0.54736	0.42601	0.58181	8.40E-03	3.10E-05	1.56E-02	0.024035	8.58E-03	3.05E-05	1.74E-02	2.60E-02	8.15E-03	3.88E-05	3.33E-02	4.15E-02
264	488299.44, 3856789.39	0.53681	0.42537	0.57069	8.24E-03	3.10E-05	1.53E-02	0.023575	8.42E-03	3.05E-05	1.70E-02	2.55E-02	8.00E-03	3.87E-05	3.27E-02	4.07E-02
265	488349.44, 3856789.39	0.52847	0.4265	0.56214	8.11E-03	3.10E-05	1.51E-02	0.023217	8.29E-03	3.06E-05	1.68E-02	2.51E-02	7.87E-03	3.88E-05	3.22E-02	4.01E-02
266	488399.44, 3856789.39	0.51971	0.42625	0.55309	7.98E-03	3.10E-05	1.48E-02	0.02284	8.15E-03	3.05E-05	1.65E-02	2.47E-02	7.74E-03	3.88E-05	3.17E-02	3.95E-02
267	487949.44, 3856839.39	0.62795	0.45783	0.66933	9.64E-03	3.33E-05	1.80E-02	0.027621	9.85E-03	3.28E-05	2.00E-02	2.98E-02	9.35E-03	4.16E-05	3.83E-02	4.77E-02
268	487999.44, 3856839.39	0.61576	0.46242	0.65625	9.45E-03	3.37E-05	1.76E-02	0.027084	9.65E-03	3.31E-05	1.96E-02	2.93E-02	9.17E-03	4.21E-05	3.76E-02	4.68E-02
269	488049.44, 3856839.39	0.60383	0.46574	0.64347	9.27E-03	3.39E-05	1.73E-02	0.026558	9.47E-03	3.34E-05	1.92E-02	2.87E-02	9.00E-03	4.24E-05	3.69E-02	4.59E-02
270	488099.44, 3856839.39	0.59267	0.46848	0.63161	9.09E-03	3.41E-05	1.69E-02	0.026069	9.29E-03	3.36E-05	1.88E-02	2.82E-02	8.83E-03	4.26E-05	3.62E-02	4.51E-02
271	488149.44, 3856839.39	0.58175	0.47007	0.62005	8.93E-03	3.42E-05	1.66E-02	0.025591	9.12E-03	3.37E-05	1.85E-02	2.77E-02	8.67E-03	4.28E-05	3.55E-02	4.42E-02
272	488199.44, 3856839.39	0.57105	0.47051	0.60872	8.76E-03	3.42E-05	1.63E-02	0.025123	8.95E-03	3.37E-05	1.82E-02	2.71E-02	8.51E-03	4.28E-05	3.49E-02	4.34E-02
273	487949.44, 3856889.39	0.64436	0.51986	0.68874	9.89E-03	3.78E-05	1.85E-02	0.028398	1.01E-02	3.72E-05	2.05E-02	3.07E-02	9.60E-03	4.73E-05	3.95E-02	4.91E-02
274	487999.44, 3856889.39	0.63228	0.52383	0.67594	9.70E-03	3.81E-05	1.81E-02	0.02787	9.91E-03	3.75E-05	2.02E-02	3.01E-02	9.42E-03	4.76E-05	3.87E-02	4.82E-02
275	488049.44, 3856889.39	0.61886	0.52396	0.66147	9.50E-03	3.81E-05	1.77E-02	0.027276	9.70E-03	3.75E-05	1.97E-02	2.95E-02	9.22E-03	4.77E-05	3.79E-02	4.72E-02
276	488099.44, 3856889.39	0.60743	0.52496	0.64931	9.32E-03	3.82E-05	1.74E-02	0.026774	9.52E-03	3.76E-05	1.94E-02	2.89E-02	9.05E-03	4.78E-05	3.72E-02	4.63E-02
277	488635.86, 3857895.05	0.66431	0.483	0.74588	1.02E-02	3.52E-05	2.00E-02	0.030234	1.04E-02	3.46E-05	2.23E-02	3.27E-02	9.90E-03	4.39E-05	4.27E-02	5.27E-02
278	489137.64, 3857804.15	0.50172	0.41917	0.55887	7.70E-03	3.05E-05	1.50E-02	0.022719	7.87E-03	3.00E-05	1.67E-02	2.46E-02	7.47E-03	3.81E-05	3.20E-02	3.95E-02
279	488617.32, 3857859.41	0.6679	0.51263	0.74978	1.02E-02	3.73E-05	2.01E-02	0.030396	1.05E-02	3.67E-05	2.24E-02	3.29E-02	9.95E-03	4.66E-05	4.30E-02	5.29E-02
280	488667.32, 3857859.41	0.64788	0.50009	0.7272	9.94E-03	3.64E-05	1.95E-02	0.029482	1.02E-02	3.58E-05	2.17E-02	3.19E-02	9.65E-03	4.55E-05	4.17E-02	5.14E-02
281	488717.32, 3857859.41	0.62896	0.48797	0.70581	9.65E-03	3.55E-05	1.89E-02	0.028617	9.86E-03	3.50E-05	2.11E-02	3.10E-02	9.37E-03	4.44E-05	4.04E-02	4.98E-02
282	488767.32, 3857859.41	0.61126	0.47534	0.68385	9.38E-03	3.46E-05	1.83E-02	0.027756	9.58E-03	3.41E-05	2.04E-02	3.00E-02	9.11E-03	4.32E-05	3.92E-02	4.83E-02
283	488617.32, 3857909.41	0.6736	0.47713	0.75713	1.03E-02	3.47E-05	2.03E-02	0.030678	1.06E-02	3.42E-05	2.26E-02	3.32E-02	1.00E-02	4.34E-05	4.34E-02	5.35E-02
284	488667.32, 3857909.41	0.65335	0.46548	0.73076	1.00E-02	3.39E-05	1.96E-02	0.029659	1.02E-02	3.34E-05	2.18E-02	3.21E-02	9.73E-03	4.23E-05	4.19E-02	5.16E-02
285	488717.32, 3857909.41	0.633	0.4565	0.71061	9.71E-03	3.32E-05	1.91E-02	0.028806	9.92E-03	3.27E-05	2.12E-02	3.12E-02	9.43E-03	4.15E-05	4.07E-02	5.02E-02
286	488767.32, 3857909.41	0.61459	0.44602	0.68797	9.43E-03	3.25E-05	1.85E-02	0.027915	9.64E-03	3.20E-05	2.05E-02	3.02E-02	9.16E-03	4.06E-05	3.94E-02	4.86E-02
287	488417.32, 3857959.41	0.77825	0.4811	0.88845	1.19E-02	3.50E-05	2.38E-02	0.035806	1.22E-02	3.45E-05	2.65E-02	3.87E-02	1.16E-02	4.38E-05	5.09E-02	6.25E-02
288	488467.32, 3857959.41	0.75146	0.47077	0.85323	1.15E-02	3.43E-05	2.29E-02	0.03445	1.18E-02	3.37E-05	2.55E-02	3.73E-02	1.12E-02	4.28E-05	4.89E-02	6.01E-02
289	488517.32, 3857959.41	0.72626	0.46068	0.82035	1.11E-02	3.35E-05	2.20E-02	0.03318	1.14E-02	3.30E-05	2.45E-02	3.59E-02	1.08E-02	4.19E-05	4.70E-02	5.79E-02
290	488567.32, 3857959.41	0.70234	0.45088	0.78978	1.08E-02	3.28E-05	2.12E-02	0.031993	1.10E-02	3.23E-05	2.36E-02	3.46E-02	1.05E-02	4.10E-05	4.52E-02	5.57E-02

291	488617.32, 3857959.41	0.6793	0.44195	0.76268	1.04E-02	3.22E-05	2.05E-02	0.030912	1.07E-02	3.17E-05	2.28E-02	3.34E-02	1.01E-02	4.02E-05	4.37E-02	5.38E-02
292	488667.32, 3857959.41	0.65745	0.43338	0.73752	1.01E-02	3.15E-05	1.98E-02	0.029901	1.03E-02	3.11E-05	2.20E-02	3.23E-02	9.79E-03	3.94E-05	4.22E-02	5.21E-02
293	488717.32, 3857959.41	0.63704	0.42464	0.71292	9.78E-03	3.09E-05	1.91E-02	0.028927	9.99E-03	3.04E-05	2.13E-02	3.13E-02	9.49E-03	3.86E-05	4.08E-02	5.04E-02
294	488767.32, 3857959.41	0.61747	0.41652	0.69056	9.48E-03	3.03E-05	1.85E-02	0.028027	9.68E-03	2.98E-05	2.06E-02	3.03E-02	9.20E-03	3.79E-05	3.96E-02	4.88E-02
295	488417.32, 3858009.41	0.78937	0.44111	0.90234	1.21E-02	3.21E-05	2.42E-02	0.036346	1.24E-02	3.16E-05	2.69E-02	3.93E-02	1.18E-02	4.01E-05	5.17E-02	6.35E-02
296	488467.32, 3858009.41	0.76131	0.43243	0.86374	1.17E-02	3.15E-05	2.32E-02	0.03488	1.19E-02	3.10E-05	2.58E-02	3.77E-02	1.13E-02	3.93E-05	4.95E-02	6.09E-02
297	488517.32, 3858009.41	0.73457	0.42409	0.82857	1.13E-02	3.09E-05	2.22E-02	0.033526	1.15E-02	3.04E-05	2.47E-02	3.63E-02	1.09E-02	3.86E-05	4.75E-02	5.84E-02
298	488567.32, 3858009.41	0.7094	0.41587	0.79571	1.09E-02	3.03E-05	2.13E-02	0.032257	1.11E-02	2.98E-05	2.37E-02	3.49E-02	1.06E-02	3.78E-05	4.56E-02	5.62E-02
299	488617.32, 3858009.41	0.6847	0.40885	0.76786	1.05E-02	2.98E-05	2.06E-02	0.031131	1.07E-02	2.93E-05	2.29E-02	3.37E-02	1.02E-02	3.72E-05	4.40E-02	5.42E-02
300	488667.32, 3858009.41	0.6615	0.40195	0.74163	1.02E-02	2.93E-05	1.99E-02	0.030071	1.04E-02	2.88E-05	2.21E-02	3.25E-02	9.85E-03	3.66E-05	4.25E-02	5.24E-02
301	488717.32, 3858009.41	0.63988	0.3949	0.71614	9.82E-03	2.87E-05	1.92E-02	0.029055	1.00E-02	2.83E-05	2.14E-02	3.14E-02	9.53E-03	3.59E-05	4.10E-02	5.06E-02
302	488767.32, 3858009.41	0.61952	0.38806	0.69217	9.51E-03	2.82E-05	1.86E-02	0.028099	9.71E-03	2.78E-05	2.06E-02	3.04E-02	9.23E-03	3.53E-05	3.97E-02	4.89E-02
303	488417.32, 3858059.41	0.80256	0.40454	0.91465	1.23E-02	2.94E-05	2.45E-02	0.036876	1.26E-02	2.90E-05	2.73E-02	3.99E-02	1.20E-02	3.68E-05	5.24E-02	6.44E-02
304	488467.32, 3858059.41	0.77219	0.39739	0.87298	1.18E-02	2.89E-05	2.34E-02	0.035292	1.21E-02	2.85E-05	2.60E-02	3.82E-02	1.15E-02	3.61E-05	5.00E-02	6.15E-02
305	488517.32, 3858059.41	0.74304	0.39061	0.8357	1.14E-02	2.84E-05	2.24E-02	0.033844	1.17E-02	2.80E-05	2.49E-02	3.66E-02	1.11E-02	3.55E-05	4.79E-02	5.90E-02
306	488567.32, 3858059.41	0.71574	0.38391	0.80118	1.10E-02	2.79E-05	2.15E-02	0.032499	1.12E-02	2.75E-05	2.39E-02	3.52E-02	1.07E-02	3.49E-05	4.59E-02	5.66E-02
307	488617.32, 3858059.41	0.68988	0.37757	0.76978	1.06E-02	2.75E-05	2.06E-02	0.03126	1.08E-02	2.71E-05	2.30E-02	3.38E-02	1.03E-02	3.43E-05	4.41E-02	5.44E-02
308	488667.32, 3858059.41	0.6651	0.37203	0.74239	1.02E-02	2.71E-05	1.99E-02	0.030144	1.04E-02	2.67E-05	2.21E-02	3.26E-02	9.91E-03	3.38E-05	4.25E-02	5.25E-02
309	488417.32, 3858109.41	0.81351	0.3728	0.9319	1.25E-02	2.71E-05	2.50E-02	0.037505	1.28E-02	2.67E-05	2.78E-02	4.06E-02	1.21E-02	3.39E-05	5.34E-02	6.55E-02
310	488467.32, 3858109.41	0.78131	0.36666	0.88487	1.20E-02	2.67E-05	2.37E-02	0.035749	1.23E-02	2.63E-05	2.64E-02	3.87E-02	1.16E-02	3.34E-05	5.07E-02	6.24E-02
311	488517.32, 3858109.41	0.75044	0.36058	0.84247	1.15E-02	2.62E-05	2.26E-02	0.034137	1.18E-02	2.58E-05	2.51E-02	3.69E-02	1.12E-02	3.28E-05	4.83E-02	5.95E-02
312	488567.32, 3858109.41	0.72107	0.35509	0.80555	1.11E-02	2.58E-05	2.16E-02	0.032696	1.13E-02	2.54E-05	2.40E-02	3.54E-02	1.07E-02	3.23E-05	4.61E-02	5.69E-02
313	488617.32, 3858109.41	0.69373	0.34955	0.77098	1.06E-02	2.54E-05	2.07E-02	0.031349	1.09E-02	2.50E-05	2.30E-02	3.39E-02	1.03E-02	3.18E-05	4.42E-02	5.45E-02
314	488667.32, 3858109.41	0.66731	0.34503	0.74194	1.02E-02	2.51E-05	1.99E-02	0.030164	1.05E-02	2.47E-05	2.21E-02	3.26E-02	9.94E-03	3.14E-05	4.25E-02	5.25E-02
315	488769.93, 3858449.27	0.5733	0.21246	0.51985	8.80E-03	1.55E-05	1.39E-02	0.022755	8.99E-03	1.52E-05	1.55E-02	2.45E-02	8.54E-03	1.93E-05	2.98E-02	3.83E-02
316	488819.93, 3858449.27	0.55172	0.21224	0.50195	8.47E-03	1.54E-05	1.35E-02	0.021944	8.65E-03	1.52E-05	1.50E-02	2.36E-02	8.22E-03	1.93E-05	2.88E-02	3.70E-02
317	488819.93, 3858499.27	0.55118	0.19843	0.45962	8.46E-03	1.44E-05	1.23E-02	0.0208	8.64E-03	1.42E-05	1.37E-02	2.24E-02	8.21E-03	1.80E-05	2.63E-02	3.46E-02
318	488869.93, 3858499.27	0.5303	0.19856	0.44704	8.14E-03	1.45E-05	1.20E-02	0.020142	8.31E-03	1.42E-05	1.33E-02	2.17E-02	7.90E-03	1.81E-05	2.56E-02	3.35E-02
319	488869.93, 3858549.27	0.53413	0.18586	0.40849	8.20E-03	1.35E-05	1.10E-02	0.019166	8.37E-03	1.33E-05	1.22E-02	2.06E-02	7.96E-03	1.69E-05	2.34E-02	3.14E-02
320	489438.17, 3859571.48	0.11132	0.07512	0.10217	1.71E-03	5.47E-06	2.74E-03	0.004454	1.75E-03	5.38E-06	3.05E-03	4.80E-03	1.66E-03	6.83E-06	5.85E-03	7.52E-03
321	489488.17, 3859571.48	0.11064	0.07465	0.10169	1.70E-03	5.43E-06	2.73E-03	0.004431	1.73E-03	5.35E-06	3.03E-03	4.77E-03	1.65E-03	6.79E-06	5.83E-03	7.48E-03
322	489538.17, 3859571.48	0.11002	0.07418	0.10126	1.69E-03	5.40E-06	2.72E-03	0.00441	1.73E-03	5.32E-06	3.02E-03	4.75E-03	1.64E-03	6.75E-06	5.80E-03	7.45E-03
323	489588.17, 3859571.48	0.10946	0.07369	0.10082	1.68E-03	5.36E-06	2.70E-03	0.004389	1.72E-03	5.28E-06	3.01E-03	4.73E-03	1.63E-03	6.70E-06	5.78E-03	7.41E-03
324	489438.17, 3859621.48	0.10709	0.07336	0.09885	1.64E-03	5.34E-06	2.65E-03	0.0043	1.68E-03	5.26E-06	2.95E-03	4.63E-03	1.60E-03	6.67E-06	5.66E-03	7.26E-03
325	489488.17, 3859621.48	0.10639	0.07288	0.09829	1.63E-03	5.31E-06	2.64E-03	0.004274	1.67E-03	5.22E-06	2.93E-03	4.61E-03	1.58E-03	6.63E-06	5.63E-03	7.22E-03
326	489538.17, 3859621.48	0.10573	0.07241	0.09781	1.62E-03	5.27E-06	2.62E-03	0.004251	1.66E-03	5.19E-06	2.92E-03	4.58E-03	1.58E-03	6.59E-06	5.60E-03	7.18E-03
327	489588.17, 3859621.48	0.10517	0.07202	0.09747	1.61E-03	5.24E-06	2.61E-03	0.004233	1.65E-03	5.16E-06	2.91E-03	4.56E-03	1.57E-03	6.55E-06	5.58E-03	7.16E-03
328	489238.17, 3859671.48	0.10538	0.07288	0.0974	1.62E-03	5.31E-06	2.61E-03	0.004235	1.65E-03	5.22E-06	2.91E-03	4.56E-03	1.57E-03	6.63E-06	5.58E-03	7.16E-03
329	489288.17, 3859671.48	0.10492	0.07263	0.09704	1.61E-03	5.29E-06	2.60E-03	0.004218	1.65E-03	5.20E-06	2.89E-03	4.55E-03	1.56E-03	6.61E-06	5.56E-03	7.13E-03
330	489338.17, 3859671.48	0.10443	0.07237	0.09669	1.60E-03	5.27E-06	2.59E-03	0.004201	1.64E-03	5.19E-06	2.88E-03	4.53E-03	1.56E-03	6.58E-06	5.54E-03	7.10E-03
331	489388.17, 3859671.48	0.10393	0.07212	0.09638	1.59E-03	5.25E-06	2.58E-03	0.004185	1.63E-03	5.17E-06	2.88E-03	4.51E-03	1.55E-03	6.56E-06	5.52E-03	7.08E-03
332	489438.17, 3859671.48	0.10326	0.07169	0.09582	1.58E-03	5.22E-06	2.57E-03	0.00416	1.62E-03	5.14E-06	2.86E-03	4.48E-03	1.54E-03	6.52E-06	5.49E-03	7.03E-03
333	489488.17, 3859671.48	0.10267	0.07134	0.09543	1.58E-03	5.19E-06	2.56E-03	0.00414	1.61E-03	5.11E-06	2.85E-03	4.46E-03	1.53E-03	6.49E-06	5.47E-03	7.00E-03
334	489538.17, 3859671.48	0.10203	0.07091	0.09496	1.57E-03	5.16E-06	2.55E-03	0.004118	1.60E-03	5.08E-06	2.83E-03	4.44E-03	1.52E-03	6.45E-06	5.44E-03	6.97E-03
335	489588.17, 3859671.48	0.10142	0.0705	0.09453	1.56E-03	5.13E-06	2.54E-03	0.004097	1.59E-03	5.05E-06	2.82E-03	4.42E-03	1.51E-03	6.41E-06	5.42E-03	6.93E-03
336	489238.17, 3859721.48	0.10156	0.07098	0.09431	1.56E-03	5.17E-06	2.53E-03	0.004093	1.59E-03	5.09E-06	2.81E-03	4.41E-03	1.51E-03	6.46E-06	5.40E-03	6.92E-03
337	489288.17, 3859721.48	0.1013	0.07093	0.09421	1.55E-03	5.16E-06	2.53E-03	0.004086	1.59E-03	5.08E-06	2.81E-03	4.40E-03	1.51E-03	6.45E-06	5.40E-03	6.91E-03
338	489338.17, 3859721.48	0.10087	0.07073	0.09392	1.55E-03	5.15E-06	2.52E-03	0.004072	1.58E-03	5.07E-06	2.80E-03	4.39E-03	1.50E-03	6.43E-06	5.38E-03	6.89E-03
339	489388.17, 3859721.48	0.10037	0.07046	0.09354	1.54E-03	5.13E-06	2.51E-03	0.004054	1.57E-03	5.05E-06	2.79E-03	4.37E-03	1.50E-03	6.41E-06	5.36E-03	6.86E-03
340	489438.17, 3859721.48	0.09978	0.0701	0.09306	1.53E-03	5.10E-06	2.50E-03	0.004032	1.56E-03	5.02E-06	2.78E-03	4.35E-03	1.49E-03	6.38E-06	5.33E-03	6.82E-03
341	489488.17, 3859721.48	0.09926	0.06982	0.09274	1.52E-03	5.08E-06	2.49E-03	0.004016	1.56E-03	5.00E-06	2.77E-03	4.33E-03	1.48E-03	6.35E-06	5.31E-03	6.80E-03
342	489538.17, 3859721.48	0.09866	0.06946	0.09231	1.51E-03	5.06E-06	2.48E-03	0.003995	1.55E-03	4.98E-06	2.75E-03	4.31E-03	1.47E-03	6.32E-06	5.29E-03	6.76E-03
343	489588.17, 3859721.48	0.09805	0.06907	0.09187	1.50E-03	5.03E-06	2.46E-03	0.003974	1.54E-03	4.95E-06	2.74E-03	4.28E-03	1.46E-03	6.28E-06	5.26E-03	6.73E-03
344	489238.17, 3859771.48	0.09799	0.06912	0.09138	1.50E-03	5.03E-06	2.45E-03	0.00396	1.54E-03	4.95E-06	2.73E-03	4.27E-03	1.46E-03	6.29E-06	5.23E-03	6.70E-03
345	489288.17, 3859771.48	0.09781	0.06914	0.09136	1.50E-03	5.03E-06	2.45E-03	0.003956	1.53E-03	4.95E-06	2.73E-03	4.26E-03	1.46E-03	6.29E-06	5.23E-03	6.70E-03
346	489338.17, 3859771.48	0.09743	0.06898	0.09107	1.50E-03	5.02E-06	2.44E-03	0.003943	1.53E-03	4.94E-06	2.72E-03	4.25E-03	1.45E-03	6.27E-06	5.22E-03	6.67E-03
347	489388.17, 3859771.48	0.09703	0.06881	0.09081	1.49E-03	5.01E-06	2.44E-03	0.00393	1.52E-03	4.93E-06	2.71E-03	4.24E-03	1.45E-03	6.26E-06	5.20E-03	6.65E-03
348	489438.17, 3859771.48	0.09651	0.06851	0.09039	1.48E-03	4.99E-06	2.42E-03	0.00391	1.51E-03	4.91E-06	2.70E-03	4.21E-03	1.44E-03	6.23E-06	5.18E-03	6.62E-03
349	489488.17, 3859771.48	0.0961	0.06835	0.09021	1.47E-03	4.98E-06	2.42E-03	0.003899	1.51E-03	4.90E-06	2.69E-03	4.20E-03	1.43E-03	6.22E-06	5.17E-03	6.61E-03
350	489538.17, 3859771.48	0.09558	0.06808	0.08989	1.47E-03	4.96E-06	2.41E-03	0.003883	1.50E-03	4.88E-06	2.68E-03	4.19E-03	1.42E-03	6.19E-06	5.15E-03	6.58E-03
351	489588.17, 3859771.48	0.09497	0.06768	0.08939	1.46E-03	4.93E-06	2.40E-03	0.00386	1.49E-03	4.85E-06	2.67E-03	4.16E-03	1.41E-03	6.16E-06	5.12E-03	6.54E-03
352	489238.17, 3859821.48	0.09458	0.06725	0.08849	1.45E-03	4.90E-06	2.37E-03	0.00383	1.48E-03	4.82E-06	2.64E-03	4.13E-03	1.41E-03	6.12E-06	5.07E-03	6.48E-03
353	489288.17, 3859821.48	0.09449	0.06735	0.08857	1.45E-03	4.90E-06	2.38E-03	0.00383	1.48E-03	4.83E-06	2.64E-03	4.13E-03	1.41E-03	6.13E-06	5.07E-03	6.49E-03
354	489338.17, 3859821.48	0.09421	0.06728	0.08839	1.45E-03	4.90E-06	2.37E-03	0.003821	1.48E-03	4.82E-06	2.64E-03	4.12E-03	1.40E-03	6.12E-06	5.06E-03	6.47E-03
355	489388.17, 3859821.48	0.09389	0.06717	0.0882	1.44E-03	4.89E-06	2.37E-03	0.003811	1.47E-03	4.81E-06	2.63E-03	4.11E-03	1.40E-03	6.11E-06	5.05E-03	6.46E-03
356	489438.17, 3859821.48	0.09358	0.06709	0.08807	1.44E-03	4.88E-06	2.36E-03	0.003803	1.47E-03	4.81E-06	2.63E-03	4.10E-03	1.39E-03	6.10E-06	5.05E-03	6.45E-03
357	489488.17, 3859821.48	0.09317	0.06693	0.08786	1.43E-03	4.87E-06	2.36E-03	0.003791	1.46E-03	4.80E-06	2.62E-03	4.09E-03	1.39E-03	6.09E-06	5.03E-03	6.43E-03
358	489538.17, 3859821.48	0.09271	0.06671	0.08759	1.42E-03	4.86E-06	2.35E-03	0.003777	1.45E-03	4.78E-06	2.61E-03	4.07E-03	1.38E-03	6.07E-06	5.02E-03	6.40E-03
359	489588.17, 3859821.48	0.09214	0.06637	0.08713	1.41E-03	4.83E-06	2.34E-03	0.003756	1.44E-03	4.76E-06	2.60E-03	4.05E-03	1.37E-03	6.04E-06	4.99E-03	6.37E-03
360	489238.17, 3859871.48	0.09141	0.06546	0.08578	1.40E-03	4.76E-06	2.30E-03	0.003708	1.43E-03	4.69E-06	2.56E-03	4.00E-03	1.36E-03	5.95E-06	4.91E-03	6.28E-03
361	489288.17, 3859871.48	0.0913	0.06554	0.08581	1.40E-03	4.77E-06	2.30E-03	0.003707	1.43E-03	4.70E-06	2.56E-03	4.00E-03	1.36E-03	5.96E-06	4.92E-03	6.28E-03
362	489338.17, 3859871.48	0.09115	0.06558	0.08578	1.40E-03	4.77E-06	2.30E-03	0.003704	1.43E-03	4.70E-06	2.56E-03	3.99E-03	1.36E-03	5.97E-06	4.91E-03	6.28E-03
363	489388.17, 3859871.48	0.09098	0.06561	0.08578	1.40E-03	4.78E-06	2.30E-03	0.003702	1.43E-03	4.70E-06	2.56E-03	3.99E-03	1.36E-03	5.97E-06	4.91E-03	6.28E-03
364	489438.17, 3859871.48	0.09079	0.06567	0.08584	1.39E-03	4.78E-06	2.30E-03	0.0037	1.42E-03	4.71E-06	2.56E-03	3.99E-03	1.35E-03	5.97E-06	4.92E-03	6.28E-03
365	489488.17, 3859871.48	0.09056	0.06568	0.08586	1.39E-03	4.78E-06	2.30E-03	0.003697	1.42E-03	4.71E-06	2.56E-03	3.99E-03	1.35E-03	5.97E-06	4.92E-03	6.27E-03
366	489538.17, 3859871.48	0.09006	0.0654	0.08544	1.38E-03	4.76E-06	2.29E-03	0.003678	1.41E-03	4.69E-06	2.55E-03	3.97E-03	1.34E-03	5.95E-06	4.89E-03	6.24E-03
367	489588.17, 3859871.48	0.08956	0.06513	0.08508	1.37E-03	4.74E-06	2.28E-03	0.003661	1.40E-03	4.67E-06	2.54E-03	3.95E-03	1.33E-03	5.92E-06	4.87E-03	6.21E-03
368	489238.17, 3859921.48	0.08845	0.06376	0.08325	1.36E-03	4.64E-06	2.23E-03	0.003595	1.39E-03	4.57E-06	2.48E-03	3.87E-03	1.32E-03	5.80E-06	4.77E-03	6.09E-03
369	489288.17, 3859921.48	0.08846	0.06396	0.08345	1.36E-03	4.66E-06	2.24E-03	0.0036	1.39E-03	4.58E-06	2.49E-03	3.88E-03	1.32E-03	5.82E-06	4.78E-03	6.10E-03
370	489338.17, 3859921.48	0.08836	0.06404	0.08349	1.36E-03	4.66E-06	2.24E-03	0.0036	1.39E-03	4.59E-06	2.49E-03	3.88E-03	1.32E-03	5.83E-06	4.78E-03	6.10E-03
371	489388.17, 3859921.48	0.08828	0.06417	0.08362	1.35E-03	4.67E-06	2.24E-03	0.003602	1.38E-03	4.60E-06	2.49E-03	3.88E-03	1.32E-03	5.84E-06	4.79E-03	6.11E-03
372	489438.17, 3859921.48	0.0882	0.06433	0.0838	1.35E-03	4.68E-06	2.25E-03	0.003606	1.38E-03	4.61E-06	2.50E-03	3.89E-03	1.31E-03	5.85E-06	4.80E-03	6.12E-03
373	489488.17, 3859921.48	0.08794	0.06428	0.08368	1.35E-03	4.68E-06	2.24E-03	0.003598	1.38E-03	4.61E-06	2.50E-03	3.88E-03	1.31E-03	5.85E-06	4.79E-03	6.11E-03
374	489538.17, 3859921.48	0.08756	0.06411	0.0834	1.34E-03	4.67E-06	2.24E-03	0.003585	1.37E-03	4.59E-06	2.49E-03	3.87E-03	1.30E-03	5.83E-06	4.78E-03	6.09E-03
375	489588.17, 3859921.48	0.08718	0.06395	0.08318	1.34E-03	4.66E-06	2.23E-03	0.003573	1.37E-03	4.58E-06	2.48E-03	3.85E-03	1.30E-03	5.82E-06	4.76E-03	6.07E-03
376	489238.17, 3859971.48	0.08566	0.06215	0.08085	1.31E-03	4.52E-06	2.17E-03	0.003487	1.34E-03	4.45E-06	2.41E-03	3.76E-03	1.28E-03	5.65E-06	4.63E-03	5.91E-03
377	489288.17, 3859971.48	0.08565	0.06231	0.08101	1.31E-03	4.54E-06	2.17E-03	0.003492	1.34E-03	4.46E-06	2.42E-03	3.76E-03	1.28E-03	5.67E-06	4.64E-03	5.92E-03
378	489338.17, 3859971.48	0.08566	0.06249	0.0812	1.31E-03	4.55E-06	2.18E-03	0.003497	1.34E-03	4.48E-06	2.42E-03	3.77E-03	1.28E-03	5.68E-06	4.65E-03	5.93E-03
379	489388.17, 3859971.48	0.08568	0.06273	0.08148	1.31E-03	4.57E-06	2.19E-03	0.003505	1.34E-03	4.49E-06	2.43E-03	3.78E-03	1.28E-03	5.71E-06	4.67E-03	5.95E-03
380	489438.17, 3859971.48	0.08563	0.06297	0.08177	1.31E-03	4.58E-06	2.19E-03	0.003512	1.34E-03	4.51E-06	2.44E-03	3.79E-03	1.28E-03	5.73E-06	4.68E-03	5.97E-03
381	489488.17, 3859971.48	0.08536	0.06316	0.08201	1.31E-03	4.60E-06	2.20E-03	0.003514	1.34E-03	4.53E-06	2.45E-03	3.79E-03	1.27E-03	5.75E-06	4.70E-03	5.98E-03
382	489538.17, 3859971.48	0.08501	0.06314	0.08194	1.30E-03	4.60E-06	2.20E-03	0.003507	1.33E-03	4.52E-06	2.44E-03	3.78E-03	1.27E-03	5.74E-06	4.69E-03	5.97E-03
383	489588.17, 3859971.48	0.0846	0.06302	0.08173	1.30E-03	4.59E-06	2.19E-03	0.003495	1.33E-03	4.52E-06	2.44E-03	3.77E-03	1.26E-03	5.73E-06	4.68E-03	5.95E-03
384	483577.7, 3854071	0.25623	0.19227	0.39342	3.93E-03	1.40E-05	1.06E-02	0.014498	4.02E-03	1.38E-05	1.17E-02	1.58E-02	3.82E-03	1.75E-05	2.25E-02	2.64E-02
385	483627.7, 3854071	0.24691	0.18641	0.37219	3.79E-03	1.36E-05	9.98E-03	0.013785	3.87E-03	1.34E-05	1.11E-02	1.50E-02	3.68E-03	1.70E-05	2.13E-02	2.50E-02
386	483677.7, 3854071	0.237	0.17947	0.35108	3.64E-03	1.31E-05	9.42E-03	0.013066	3.72E-03	1.29E-05	1.05E-02	1.42E-02	3.53E-03	1.63E-05	2.01E-02	2.37E-02
387	483727.7, 3854071	0.22766	0.17259	0.33164	3.49E-03	1.26E-05	8.89E-03	0.012401	3.57E-03	1.24E-05	9.89E-03	1.35E-02	3.39E-03	1.57E-05	1.90E-02	2.24E-02
388	483777.7, 3854071	0.21534	0.16217	0.30847	3.30E-03	1.18E-05	8.27E-03	0.01159	3.38E-03	1.16E-05	9.20E-03	1.26E-02	3.21E-03	1.48E-05	1.77E-02	2.09E-02

389	483577.7, 3854121	0.27358	0.21083	0.44094	4.20E-03	1.53E-05	1.18E-02	0.01604	4.29E-03	1.51E-05	1.32E-02	1.75E-02	4.08E-03	1.92E-05	2.53E-02	2.94E-02
390	483627.7, 3854121	0.26147	0.20107	0.41096	4.01E-03	1.46E-05	1.10E-02	0.015049	4.10E-03	1.44E-05	1.23E-02	1.64E-02	3.90E-03	1.83E-05	2.35E-02	2.75E-02
391	483677.7, 3854121	0.24792	0.18913	0.37985	3.80E-03	1.38E-05	1.02E-02	0.014006	3.89E-03	1.36E-05	1.13E-02	1.52E-02	3.69E-03	1.72E-05	2.18E-02	2.55E-02
392	483727.7, 3854121	0.23371	0.17712	0.35049	3.59E-03	1.29E-05	9.40E-03	0.013	3.66E-03	1.27E-05	1.05E-02	1.41E-02	3.48E-03	1.61E-05	2.01E-02	2.36E-02
393	483777.7, 3854121	0.22363	0.16966	0.32954	3.43E-03	1.23E-05	8.84E-03	0.012282	3.51E-03	1.22E-05	9.83E-03	1.33E-02	3.33E-03	1.54E-05	1.89E-02	2.22E-02
394	483577.7, 3854171	0.28861	0.22421	0.4772	4.43E-03	1.63E-05	1.28E-02	0.017244	4.53E-03	1.61E-05	1.42E-02	1.88E-02	4.30E-03	2.04E-05	2.73E-02	3.17E-02
395	483627.7, 3854171	0.27182	0.20829	0.43517	4.17E-03	1.52E-05	1.17E-02	0.015858	4.26E-03	1.49E-05	1.30E-02	1.73E-02	4.05E-03	1.89E-05	2.49E-02	2.90E-02
396	483677.7, 3854171	0.25797	0.19671	0.40281	3.96E-03	1.43E-05	1.08E-02	0.014776	4.04E-03	1.41E-05	1.20E-02	1.61E-02	3.84E-03	1.79E-05	2.31E-02	2.69E-02
397	483727.7, 3854171	0.24631	0.18812	0.37646	3.78E-03	1.37E-05	1.01E-02	0.01389	3.86E-03	1.35E-05	1.12E-02	1.51E-02	3.67E-03	1.71E-05	2.16E-02	2.53E-02
398	483777.7, 3854171	0.23373	0.17909	0.35084	3.59E-03	1.30E-05	9.41E-03	0.013009	3.66E-03	1.28E-05	1.05E-02	1.41E-02	3.48E-03	1.63E-05	2.01E-02	2.36E-02
399	483827.7, 3854171	0.21769	0.16622	0.32101	3.34E-03	1.21E-05	8.61E-03	0.011962	3.41E-03	1.19E-05	9.58E-03	1.30E-02	3.24E-03	1.51E-05	1.84E-02	2.16E-02
400	483877.7, 3854171	0.20852	0.16014	0.30268	3.20E-03	1.17E-05	8.12E-03	0.011329	3.27E-03	1.15E-05	9.03E-03	1.23E-02	3.11E-03	1.46E-05	1.73E-02	2.05E-02
401	483727.7, 3854221	0.26312	0.20327	0.40498	4.04E-03	1.48E-05	1.09E-02	0.014914	4.13E-03	1.46E-05	1.21E-02	1.62E-02	3.92E-03	1.85E-05	2.32E-02	2.71E-02
402	483777.7, 3854221	0.24862	0.193	0.37505	3.82E-03	1.40E-05	1.01E-02	0.013888	3.90E-03	1.38E-05	1.12E-02	1.51E-02	3.70E-03	1.76E-05	2.15E-02	2.52E-02
403	483827.7, 3854221	0.24207	0.19075	0.35888	3.71E-03	1.39E-05	9.63E-03	0.013354	3.80E-03	1.37E-05	1.07E-02	1.45E-02	3.61E-03	1.74E-05	2.06E-02	2.42E-02
404	483877.7, 3854221	0.22773	0.18073	0.33181	3.49E-03	1.32E-05	8.90E-03	0.012407	3.57E-03	1.29E-05	9.90E-03	1.35E-02	3.39E-03	1.64E-05	1.90E-02	2.24E-02
405	489150.19, 3858726.45	0.44568	0.15174	0.27978	6.84E-03	1.10E-05	7.50E-03	0.014354	6.99E-03	1.09E-05	8.35E-03	1.53E-02	6.64E-03	1.38E-05	1.60E-02	2.27E-02
406	489200.19, 3858726.45	0.42432	0.15211	0.277	6.51E-03	1.11E-05	7.43E-03	0.013952	6.65E-03	1.09E-05	8.26E-03	1.49E-02	6.32E-03	1.38E-05	1.59E-02	2.22E-02
407	489150.19, 3858776.45	0.4475	0.14288	0.25879	6.87E-03	1.04E-05	6.94E-03	0.013818	7.02E-03	1.02E-05	7.72E-03	1.47E-02	6.67E-03	1.30E-05	1.48E-02	2.15E-02
408	489200.19, 3858776.45	0.42077	0.14363	0.25736	6.46E-03	1.05E-05	6.90E-03	0.01337	6.60E-03	1.03E-05	7.68E-03	1.43E-02	6.27E-03	1.31E-05	1.47E-02	2.10E-02
409	488919.6, 3856400.76	0.37588	0.27165	0.39558	5.77E-03	1.98E-05	1.06E-02	0.016397	5.89E-03	1.95E-05	1.18E-02	1.77E-02	5.60E-03	2.47E-05	2.27E-02	2.83E-02
410	488919.6, 3856450.76	0.38364	0.28134	0.40435	5.89E-03	2.05E-05	1.08E-02	0.016752	6.02E-03	2.02E-05	1.21E-02	1.81E-02	5.72E-03	2.56E-05	2.32E-02	2.89E-02
411	488969.6, 3856450.76	0.37827	0.28092	0.39883	5.80E-03	2.04E-05	1.07E-02	0.016522	5.93E-03	2.01E-05	1.19E-02	1.78E-02	5.64E-03	2.56E-05	2.28E-02	2.85E-02
412	488919.6, 3856500.76	0.39144	0.29273	0.4132	6.01E-03	2.13E-05	1.11E-02	0.01711	6.14E-03	2.10E-05	1.23E-02	1.85E-02	5.83E-03	2.66E-05	2.37E-02	2.95E-02
413	488969.6, 3856500.76	0.38612	0.29238	0.40777	5.93E-03	2.13E-05	1.09E-02	0.016883	6.05E-03	2.09E-05	1.22E-02	1.82E-02	5.75E-03	2.66E-05	2.34E-02	2.91E-02
414	488919.6, 3856550.76	0.39952	0.30626	0.42245	6.13E-03	2.23E-05	1.13E-02	0.017483	6.26E-03	2.19E-05	1.26E-02	1.89E-02	5.95E-03	2.79E-05	2.42E-02	3.02E-02
415	488969.6, 3856550.76	0.39374	0.30537	0.4165	6.04E-03	2.22E-05	1.12E-02	0.017235	6.17E-03	2.19E-05	1.24E-02	1.86E-02	5.87E-03	2.78E-05	2.39E-02	2.98E-02
416	488819.6, 3856600.76	0.41935	0.32308	0.44382	6.43E-03	2.35E-05	1.19E-02	0.018362	6.58E-03	2.31E-05	1.32E-02	1.98E-02	6.25E-03	2.94E-05	2.54E-02	3.17E-02
417	488869.6, 3856600.76	0.41313	0.32217	0.43738	6.34E-03	2.35E-05	1.17E-02	0.018094	6.48E-03	2.31E-05	1.30E-02	1.95E-02	6.15E-03	2.93E-05	2.51E-02	3.12E-02
418	488919.6, 3856600.76	0.40724	0.3213	0.43134	6.25E-03	2.34E-05	1.16E-02	0.017841	6.39E-03	2.30E-05	1.29E-02	1.93E-02	6.07E-03	2.92E-05	2.47E-02	3.08E-02
419	488819.6, 3856650.76	0.42769	0.34124	0.45348	6.56E-03	2.48E-05	1.22E-02	0.01875	6.71E-03	2.45E-05	1.35E-02	2.03E-02	6.37E-03	3.10E-05	2.60E-02	3.24E-02
420	488869.6, 3856650.76	0.42118	0.33974	0.44674	6.46E-03	2.47E-05	1.20E-02	0.01847	6.60E-03	2.43E-05	1.33E-02	2.00E-02	6.27E-03	3.09E-05	2.56E-02	3.19E-02
421	488819.6, 3856700.76	0.43599	0.36157	0.46329	6.69E-03	2.63E-05	1.24E-02	0.019142	6.84E-03	2.59E-05	1.38E-02	2.07E-02	6.49E-03	3.29E-05	2.65E-02	3.31E-02
422	488869.6, 3856700.76	0.42913	0.35921	0.45615	6.59E-03	2.61E-05	1.22E-02	0.018845	6.73E-03	2.57E-05	1.36E-02	2.04E-02	6.39E-03	3.27E-05	2.61E-02	3.26E-02
423	488819.6, 3856750.76	0.44407	0.38358	0.47292	6.81E-03	2.79E-05	1.27E-02	0.019526	6.96E-03	2.75E-05	1.41E-02	2.11E-02	6.62E-03	3.49E-05	2.71E-02	3.37E-02
424	488869.6, 3856750.76	0.43719	0.38055	0.46574	6.71E-03	2.77E-05	1.25E-02	0.019228	6.85E-03	2.73E-05	1.39E-02	2.08E-02	6.51E-03	3.46E-05	2.67E-02	3.32E-02
425	488819.6, 3857050.76	0.49276	0.5425	0.53471	7.56E-03	3.95E-05	1.43E-02	0.021942	7.73E-03	3.89E-05	1.60E-02	2.37E-02	7.34E-03	4.93E-05	3.06E-02	3.80E-02
426	488869.6, 3857050.76	0.48405	0.53068	0.52518	7.43E-03	3.86E-05	1.41E-02	0.021552	7.59E-03	3.80E-05	1.57E-02	2.33E-02	7.21E-03	4.83E-05	3.01E-02	3.73E-02
427	488919.6, 3857050.76	0.47548	0.51817	0.5159	7.30E-03	3.77E-05	1.38E-02	0.021171	7.46E-03	3.71E-05	1.54E-02	2.29E-02	7.08E-03	4.71E-05	2.96E-02	3.67E-02
428	488819.6, 3857100.76	0.50065	0.56819	0.54457	7.68E-03	4.14E-05	1.46E-02	0.02233	7.85E-03	4.07E-05	1.62E-02	2.41E-02	7.46E-03	5.17E-05	3.12E-02	3.87E-02
429	488869.6, 3857100.76	0.49144	0.55328	0.53455	7.54E-03	4.03E-05	1.43E-02	0.021918	7.71E-03	3.96E-05	1.59E-02	2.37E-02	7.32E-03	5.03E-05	3.06E-02	3.80E-02
430	488919.6, 3857100.76	0.48262	0.53902	0.5249	7.41E-03	3.92E-05	1.41E-02	0.021523	7.57E-03	3.86E-05	1.57E-02	2.33E-02	7.19E-03	4.90E-05	3.01E-02	3.73E-02
431	488819.6, 3857150.76	0.50834	0.59039	0.55445	7.80E-03	4.30E-05	1.49E-02	0.022714	7.97E-03	4.23E-05	1.65E-02	2.46E-02	7.57E-03	5.37E-05	3.18E-02	3.94E-02
432	488869.6, 3857150.76	0.49882	0.57361	0.54401	7.65E-03	4.18E-05	1.46E-02	0.022287	7.82E-03	4.11E-05	1.62E-02	2.41E-02	7.43E-03	5.22E-05	3.12E-02	3.86E-02
433	488919.6, 3857150.76	0.48955	0.55755	0.53387	7.51E-03	4.06E-05	1.43E-02	0.021871	7.68E-03	3.99E-05	1.59E-02	2.36E-02	7.29E-03	5.07E-05	3.06E-02	3.79E-02
434	488969.6, 3857150.76	0.48059	0.54223	0.52405	7.37E-03	3.95E-05	1.41E-02	0.021469	7.54E-03	3.89E-05	1.56E-02	2.32E-02	7.16E-03	4.93E-05	3.00E-02	3.72E-02
435	488819.6, 3857200.76	0.51587	0.60923	0.56434	7.92E-03	4.43E-05	1.51E-02	0.023096	8.09E-03	4.37E-05	1.68E-02	2.50E-02	7.68E-03	5.54E-05	3.23E-02	4.01E-02
436	488869.6, 3857200.76	0.506	0.59068	0.55342	7.76E-03	4.30E-05	1.48E-02	0.022651	7.93E-03	4.23E-05	1.65E-02	2.45E-02	7.54E-03	5.37E-05	3.17E-02	3.93E-02
437	488919.6, 3857200.76	0.49637	0.57305	0.54282	7.62E-03	4.17E-05	1.46E-02	0.022217	7.78E-03	4.11E-05	1.62E-02	2.40E-02	7.39E-03	5.21E-05	3.11E-02	3.85E-02
438	488969.6, 3857200.76	0.487	0.55628	0.53254	7.47E-03	4.05E-05	1.43E-02	0.021797	7.64E-03	3.99E-05	1.59E-02	2.36E-02	7.25E-03	5.06E-05	3.05E-02	3.78E-02
439	488819.6, 3857250.76	0.52327	0.62368	0.57418	8.03E-03	4.54E-05	1.54E-02	0.023475	8.20E-03	4.47E-05	1.71E-02	2.54E-02	7.80E-03	5.67E-05	3.29E-02	4.07E-02
440	488869.6, 3857250.76	0.51295	0.60356	0.56272	7.87E-03	4.39E-05	1.51E-02	0.023008	8.04E-03	4.32E-05	1.68E-02	2.49E-02	7.64E-03	5.49E-05	3.22E-02	3.99E-02
441	488919.6, 3857250.76	0.50297	0.58453	0.55165	7.72E-03	4.25E-05	1.48E-02	0.022556	7.89E-03	4.19E-05	1.65E-02	2.44E-02	7.49E-03	5.32E-05	3.16E-02	3.91E-02
442	488969.6, 3857250.76	0.4933	0.56654	0.54092	7.57E-03	4.12E-05	1.45E-02	0.022119	7.73E-03	4.06E-05	1.61E-02	2.39E-02	7.35E-03	5.15E-05	3.10E-02	3.84E-02
443	488819.6, 3857300.76	0.53058	0.63273	0.58373	8.14E-03	4.61E-05	1.57E-02	0.023844	8.32E-03	4.53E-05	1.74E-02	2.58E-02	7.90E-03	5.76E-05	3.34E-02	4.14E-02
444	488869.6, 3857300.76	0.51988	0.61147	0.57168	7.98E-03	4.45E-05	1.53E-02	0.023355	8.15E-03	4.38E-05	1.71E-02	2.52E-02	7.74E-03	5.56E-05	3.27E-02	4.05E-02
445	488919.6, 3857300.76	0.50957	0.59137	0.56001	7.82E-03	4.30E-05	1.50E-02	0.022882	7.99E-03	4.24E-05	1.67E-02	2.47E-02	7.59E-03	5.38E-05	3.21E-02	3.97E-02
446	488819.6, 3857450.76	0.55137	0.62779	0.61036	8.46E-03	4.57E-05	1.64E-02	0.024877	8.64E-03	4.50E-05	1.82E-02	2.69E-02	8.21E-03	5.71E-05	3.50E-02	4.32E-02
447	488869.6, 3857450.76	0.53935	0.60577	0.5967	8.28E-03	4.41E-05	1.60E-02	0.024324	8.46E-03	4.34E-05	1.78E-02	2.63E-02	8.03E-03	5.51E-05	3.42E-02	4.23E-02
448	488919.6, 3857450.76	0.52788	0.58469	0.5832	8.10E-03	4.26E-05	1.56E-02	0.023785	8.28E-03	4.19E-05	1.74E-02	2.57E-02	7.86E-03	5.32E-05	3.34E-02	4.13E-02
449	488819.6, 3857500.76	0.55783	0.61687	0.61887	8.56E-03	4.49E-05	1.66E-02	0.025203	8.75E-03	4.42E-05	1.85E-02	2.73E-02	8.31E-03	5.61E-05	3.55E-02	4.38E-02
450	488869.6, 3857500.76	0.54549	0.59505	0.60428	8.37E-03	4.33E-05	1.62E-02	0.024621	8.55E-03	4.26E-05	1.80E-02	2.66E-02	8.13E-03	5.41E-05	3.46E-02	4.28E-02
451	488919.6, 3857500.76	0.5336	0.57454	0.59027	8.19E-03	4.18E-05	1.58E-02	0.024061	8.37E-03	4.12E-05	1.76E-02	2.60E-02	7.95E-03	5.23E-05	3.38E-02	4.18E-02
452	488819.6, 3857550.76	0.56418	0.60217	0.62681	8.66E-03	4.38E-05	1.68E-02	0.025513	8.85E-03	4.31E-05	1.87E-02	2.76E-02	8.40E-03	5.48E-05	3.59E-02	4.44E-02
453	488869.6, 3857550.76	0.55136	0.58134	0.61171	8.46E-03	4.23E-05	1.64E-02	0.024909	8.64E-03	4.17E-05	1.82E-02	2.69E-02	8.21E-03	5.29E-05	3.50E-02	4.33E-02
454	488919.6, 3857550.76	0.53908	0.56147	0.59695	8.27E-03	4.09E-05	1.60E-02	0.024324	8.45E-03	4.02E-05	1.78E-02	2.63E-02	8.03E-03	5.11E-05	3.42E-02	4.23E-02
455	489663.71, 3860900.05	0.04999	0.0393	0.04784	7.67E-04	2.86E-06	1.28E-03	0.002053	7.84E-04	2.82E-06	1.43E-03	2.21E-03	7.45E-04	3.57E-06	2.74E-03	3.49E-03
456	489813.71, 3860900.05	0.05028	0.03965	0.0483	7.72E-04	2.89E-06	1.30E-03	0.00207	7.88E-04	2.84E-06	1.44E-03	2.23E-03	7.49E-04	3.61E-06	2.77E-03	3.52E-03
457	489863.71, 3860900.05	0.05032	0.03972	0.0484	7.72E-04	2.89E-06	1.30E-03	0.002073	7.89E-04	2.85E-06	1.44E-03	2.24E-03	7.50E-04	3.61E-06	2.77E-03	3.53E-03
458	489913.71, 3860900.05	0.05048	0.03988	0.04862	7.75E-04	2.90E-06	1.30E-03	0.002082	7.91E-04	2.86E-06	1.45E-03	2.24E-03	7.52E-04	3.63E-06	2.79E-03	3.54E-03
459	489963.71, 3860900.05	0.05051	0.03995	0.04871	7.75E-04	2.91E-06	1.31E-03	0.002084	7.92E-04	2.86E-06	1.45E-03	2.25E-03	7.52E-04	3.63E-06	2.79E-03	3.55E-03
460	490013.71, 3860900.05	0.05067	0.04012	0.04893	7.78E-04	2.92E-06	1.31E-03	0.002093	7.94E-04	2.87E-06	1.46E-03	2.26E-03	7.55E-04	3.65E-06	2.80E-03	3.56E-03
461	490063.71, 3860900.05	0.05075	0.04024	0.04908	7.79E-04	2.93E-06	1.32E-03	0.002098	7.96E-04	2.88E-06	1.46E-03	2.26E-03	7.56E-04	3.66E-06	2.81E-03	3.57E-03
462	489663.71, 3860950.05	0.04882	0.03845	0.0467	7.49E-04	2.80E-06	1.25E-03	0.002004	7.65E-04	2.76E-06	1.39E-03	2.16E-03	7.27E-04	3.50E-06	2.68E-03	3.41E-03
463	489813.71, 3860950.05	0.04908	0.0388	0.04714	7.53E-04	2.82E-06	1.26E-03	0.00202	7.70E-04	2.78E-06	1.41E-03	2.18E-03	7.31E-04	3.53E-06	2.70E-03	3.44E-03
464	489863.71, 3860950.05	0.0491	0.03885	0.04721	7.53E-04	2.83E-06	1.27E-03	0.002022	7.70E-04	2.78E-06	1.41E-03	2.18E-03	7.31E-04	3.53E-06	2.70E-03	3.44E-03
465	489913.71, 3860950.05	0.04923	0.03899	0.0474	7.55E-04	2.84E-06	1.27E-03	0.00203	7.72E-04	2.79E-06	1.41E-03	2.19E-03	7.33E-04	3.55E-06	2.72E-03	3.45E-03
466	489963.71, 3860950.05	0.0493	0.03908	0.04752	7.57E-04	2.84E-06	1.27E-03	0.002034	7.73E-04	2.80E-06	1.42E-03	2.19E-03	7.34E-04	3.55E-06	2.72E-03	3.46E-03
467	490013.71, 3860950.05	0.0494	0.0392	0.04769	7.58E-04	2.85E-06	1.28E-03	0.00204	7.75E-04	2.81E-06	1.42E-03	2.20E-03	7.36E-04	3.57E-06	2.73E-03	3.47E-03
468	490063.71, 3860950.05	0.04951	0.03934	0.04786	7.60E-04	2.86E-06	1.28E-03	0.002046	7.76E-04	2.82E-06	1.43E-03	2.21E-03	7.38E-04	3.58E-06	2.74E-03	3.48E-03
469	489513.71, 3861000.05	0.04759	0.03739	0.0453	7.30E-04	2.72E-06	1.21E-03	0.001948	7.46E-04	2.68E-06	1.35E-03	2.10E-03	7.09E-04	3.40E-06	2.59E-03	3.31E-03
470	489563.71, 3861000.05	0.0476	0.03745	0.04538	7.30E-04	2.73E-06	1.22E-03	0.00195	7.46E-04	2.68E-06	1.35E-03	2.10E-03	7.09E-04	3.41E-06	2.60E-03	3.31E-03
471	489613.71, 3861000.05	0.04767	0.03756	0.04552	7.32E-04	2.73E-06	1.22E-03	0.001955	7.47E-04	2.69E-06	1.36E-03	2.11E-03	7.10E-04	3.42E-06	2.61E-03	3.32E-03
472	489663.71, 3861000.05	0.04772	0.03766	0.04564	7.32E-04	2.74E-06	1.22E-03	0.001959	7.48E-04	2.70E-06	1.36E-03	2.11E-03	7.11E-04	3.43E-06	2.61E-03	3.33E-03
473	489713.71, 3861000.05	0.04774	0.03773	0.04572	7.33E-04	2.75E-06	1.23E-03	0.001962	7.49E-04	2.70E-06	1.36E-03	2.12E-03	7.11E-04	3.43E-06	2.62E-03	3.33E-03
474	489763.71, 3861000.05	0.04781	0.03783	0.04584	7.34E-04	2.75E-06	1.23E-03	0.001966	7.50E-04	2.71E-06	1.37E-03	2.12E-03	7.12E-04	3.44E-06	2.63E-03	3.34E-03
475	489813.71, 3861000.05	0.04795	0.03799	0.04604	7.36E-04	2.77E-06	1.23E-03	0.001973	7.52E-04	2.72E-06	1.37E-03	2.13E-03	7.14E-04	3.46E-06	2.64E-03	3.36E-03
476	489863.71, 3861000.05	0.04797	0.03804	0.04611	7.36E-04	2.77E-06	1.24E-03	0.001976	7.52E-04	2.73E-06	1.38E-03	2.13E-03	7.15E-04	3.46E-06	2.64E-03	3.36E-03
477	489913.71, 3861000.05	0.04809	0.03817	0.04629	7.38E-04	2.78E-06	1.24E-03	0.001982	7.54E-04	2.73E-06	1.38E-03	2.14E-03	7.16E-04	3.47E-06	2.65E-03	3.37E-03
478	489963.71, 3861000.05	0.04812	0.03824	0.04637	7.38E-04	2.78E-06	1.24E-03	0.001985	7.54E-04	2.74E-06	1.38E-03	2.14E-03	7.17E-04	3.48E-06	2.66E-03	3.38E-03
479	490013.71, 3861000.05	0.04823	0.03836	0.04653	7.40E-04	2.79E-06	1.25E-03	0.001991	7.56E-04	2.75E-06	1.39E-03	2.15E-03	7.18E-04	3.49E-06	2.67E-03	3.39E-03
480	490063.71, 3861000.05	0.04831	0.03847	0.04668	7.41E-04	2.80E-06	1.25E-03	0.001996	7.57E-04	2.76E-06	1.39E-03	2.15E-03	7.20E-04	3.50E-06	2.67E-03	3.40E-03
481	489513.71, 3861050.05	0.04659	0.03667	0.04434	7.15E-04	2.67E-06	1.19E-03	0.001907	7.30E-04	2.63E-06	1.32E-03	2.06E-03	6.94E-04	3.34E-06	2.54E-03	3.24E-03
482	489563.71, 3861050.05	0.04659	0.03672	0.04441	7.15E-04	2.67E-06	1.19E-03	0.001909	7.30E-04	2.63E-06	1.32E-03	2.06E-03	6.94E-04	3.34E-06	2.54E-03	3.24E-03
483	489613.71, 3861050.05	0.04669	0.03685	0.04458	7.16E-04	2.68E-06	1.20E-03	0.001915	7.32E-04	2.64E-06	1.33E-03	2.06E-03	6.96E-04	3.35E-06	2.55E-03	3.25E-03
484	489663.71, 3861050.05	0.04666	0.03689	0.04461	7.16E-04	2.69E-06	1.20E-03	0.001915	7.32E-04	2.64E-06	1.33E-03	2.07E-03	6.95E-04	3.36E-06	2.56E-03	3.25E-03
485	489713.71, 3861050.05	0.04667	0.03695	0.04467	7.16E-04	2.69E-06	1.20E-03	0.001917	7.32E-04	2.65E-06	1.33E-03	2.07E-03	6.95E-04	3.36E-06	2.56E-03	3.26E-03
486	489763.71, 3861050.05	0.04673	0.03705	0.04479	7.17E-04	2.70E-06	1.20E-03	0.001921	7.33E-04	2.65E-06	1.34E-03	2.07E-03	6.96E-04	3.37E-06	2.57E-03	3.27E-03

487	489813.71, 3861050.05	0.04682	0.03717	0.04494	7.18E-04	2.71E-06	1.21E-03	0.001926	7.34E-04	2.66E-06	1.34E-03	2.08E-03	6.97E-04	3.38E-06	2.57E-03	3.28E-03
488	489863.71, 3861050.05	0.04687	0.03725	0.04504	7.19E-04	2.71E-06	1.21E-03	0.00193	7.35E-04	2.67E-06	1.34E-03	2.08E-03	6.98E-04	3.39E-06	2.58E-03	3.28E-03
489	489913.71, 3861050.05	0.04695	0.03735	0.04517	7.20E-04	2.72E-06	1.21E-03	0.001935	7.36E-04	2.68E-06	1.35E-03	2.09E-03	6.99E-04	3.40E-06	2.59E-03	3.29E-03
490	489963.71, 3861050.05	0.04701	0.03743	0.04528	7.21E-04	2.72E-06	1.21E-03	0.001939	7.37E-04	2.68E-06	1.35E-03	2.09E-03	7.00E-04	3.40E-06	2.59E-03	3.30E-03
491	490013.71, 3861050.05	0.04714	0.03757	0.04547	7.23E-04	2.73E-06	1.22E-03	0.001946	7.39E-04	2.69E-06	1.36E-03	2.10E-03	7.02E-04	3.42E-06	2.60E-03	3.31E-03
492	490063.71, 3861050.05	0.04721	0.03766	0.04559	7.24E-04	2.74E-06	1.22E-03	0.00195	7.40E-04	2.70E-06	1.36E-03	2.10E-03	7.03E-04	3.43E-06	2.61E-03	3.32E-03
493	489513.71, 3861100.05	0.0457	0.03604	0.04348	7.01E-04	2.62E-06	1.17E-03	0.00187	7.17E-04	2.58E-06	1.30E-03	2.02E-03	6.81E-04	3.28E-06	2.49E-03	3.17E-03
494	489563.71, 3861100.05	0.0456	0.03601	0.04345	7.00E-04	2.62E-06	1.17E-03	0.001868	7.15E-04	2.58E-06	1.30E-03	2.01E-03	6.79E-04	3.28E-06	2.49E-03	3.17E-03
495	489613.71, 3861100.05	0.04551	0.03598	0.04342	6.98E-04	2.62E-06	1.16E-03	0.001866	7.14E-04	2.58E-06	1.30E-03	2.01E-03	6.78E-04	3.27E-06	2.49E-03	3.17E-03
496	489663.71, 3861100.05	0.04555	0.03607	0.04352	6.99E-04	2.63E-06	1.17E-03	0.001869	7.14E-04	2.58E-06	1.30E-03	2.02E-03	6.79E-04	3.28E-06	2.49E-03	3.17E-03
497	489713.71, 3861100.05	0.0456	0.03616	0.04363	7.00E-04	2.63E-06	1.17E-03	0.001873	7.15E-04	2.59E-06	1.30E-03	2.02E-03	6.79E-04	3.29E-06	2.50E-03	3.18E-03
498	489763.71, 3861100.05	0.04565	0.03626	0.04374	7.01E-04	2.64E-06	1.17E-03	0.001876	7.16E-04	2.60E-06	1.30E-03	2.02E-03	6.80E-04	3.30E-06	2.51E-03	3.19E-03
499	489813.71, 3861100.05	0.04573	0.03637	0.04388	7.02E-04	2.65E-06	1.18E-03	0.001881	7.17E-04	2.61E-06	1.31E-03	2.03E-03	6.81E-04	3.31E-06	2.51E-03	3.20E-03
500	489863.71, 3861100.05	0.04586	0.03651	0.04405	7.04E-04	2.66E-06	1.18E-03	0.001888	7.19E-04	2.62E-06	1.31E-03	2.04E-03	6.83E-04	3.32E-06	2.52E-03	3.21E-03
501	489913.71, 3861100.05	0.04587	0.03657	0.04412	7.04E-04	2.66E-06	1.18E-03	0.00189	7.19E-04	2.62E-06	1.32E-03	2.04E-03	6.83E-04	3.33E-06	2.53E-03	3.21E-03
502	489963.71, 3861100.05	0.04595	0.03666	0.04424	7.05E-04	2.67E-06	1.19E-03	0.001894	7.20E-04	2.63E-06	1.32E-03	2.04E-03	6.85E-04	3.33E-06	2.53E-03	3.22E-03
503	490013.71, 3861100.05	0.04599	0.03673	0.04433	7.06E-04	2.67E-06	1.19E-03	0.001897	7.21E-04	2.63E-06	1.32E-03	2.05E-03	6.85E-04	3.34E-06	2.54E-03	3.23E-03
504	490063.71, 3861100.05	0.04607	0.03683	0.04447	7.07E-04	2.68E-06	1.19E-03	0.001902	7.22E-04	2.64E-06	1.33E-03	2.05E-03	6.86E-04	3.35E-06	2.55E-03	3.24E-03
505	489713.71, 3861150.05	0.04458	0.03541	0.04265	6.84E-04	2.58E-06	1.14E-03	0.001831	6.99E-04	2.54E-06	1.27E-03	1.97E-03	6.64E-04	3.22E-06	2.44E-03	3.11E-03
506	489763.71, 3861150.05	0.04465	0.03552	0.04276	6.85E-04	2.59E-06	1.15E-03	0.001835	7.00E-04	2.55E-06	1.28E-03	1.98E-03	6.65E-04	3.23E-06	2.45E-03	3.12E-03
507	489813.71, 3861150.05	0.04472	0.03563	0.04289	6.86E-04	2.59E-06	1.15E-03	0.001839	7.01E-04	2.55E-06	1.28E-03	1.98E-03	6.66E-04	3.24E-06	2.46E-03	3.13E-03
508	489863.71, 3861150.05	0.04478	0.03572	0.043	6.87E-04	2.60E-06	1.15E-03	0.001843	7.02E-04	2.56E-06	1.28E-03	1.99E-03	6.67E-04	3.25E-06	2.46E-03	3.13E-03
509	489913.71, 3861150.05	0.04483	0.0358	0.04309	6.88E-04	2.61E-06	1.16E-03	0.001846	7.03E-04	2.57E-06	1.29E-03	1.99E-03	6.68E-04	3.26E-06	2.47E-03	3.14E-03
510	489963.71, 3861150.05	0.04486	0.03587	0.04318	6.88E-04	2.61E-06	1.16E-03	0.001849	7.03E-04	2.57E-06	1.29E-03	1.99E-03	6.68E-04	3.26E-06	2.47E-03	3.15E-03
511	490013.71, 3861150.05	0.04491	0.03594	0.04327	6.89E-04	2.62E-06	1.16E-03	0.001852	7.04E-04	2.58E-06	1.29E-03	2.00E-03	6.69E-04	3.27E-06	2.48E-03	3.15E-03
512	490063.71, 3861150.05	0.04501	0.03606	0.04342	6.91E-04	2.62E-06	1.16E-03	0.001858	7.06E-04	2.58E-06	1.30E-03	2.00E-03	6.71E-04	3.28E-06	2.49E-03	3.16E-03
513	489613.71, 3861200.05	0.04352	0.03453	0.04149	6.68E-04	2.51E-06	1.11E-03	0.001783	6.82E-04	2.47E-06	1.24E-03	1.92E-03	6.48E-04	3.14E-06	2.38E-03	3.03E-03
514	489663.71, 3861200.05	0.04357	0.03461	0.0416	6.69E-04	2.52E-06	1.12E-03	0.001787	6.83E-04	2.48E-06	1.24E-03	1.93E-03	6.49E-04	3.15E-06	2.38E-03	3.04E-03
515	489713.71, 3861200.05	0.04362	0.0347	0.04171	6.69E-04	2.53E-06	1.12E-03	0.001791	6.84E-04	2.49E-06	1.24E-03	1.93E-03	6.50E-04	3.16E-06	2.39E-03	3.04E-03
516	489763.71, 3861200.05	0.04367	0.03479	0.04182	6.70E-04	2.53E-06	1.12E-03	0.001794	6.85E-04	2.49E-06	1.25E-03	1.93E-03	6.51E-04	3.16E-06	2.40E-03	3.05E-03
517	489813.71, 3861200.05	0.04374	0.0349	0.04193	6.71E-04	2.54E-06	1.12E-03	0.001798	6.86E-04	2.50E-06	1.25E-03	1.94E-03	6.52E-04	3.17E-06	2.40E-03	3.06E-03
518	489863.71, 3861200.05	0.04383	0.03502	0.04207	6.73E-04	2.55E-06	1.13E-03	0.001803	6.87E-04	2.51E-06	1.26E-03	1.94E-03	6.53E-04	3.19E-06	2.41E-03	3.07E-03
519	489913.71, 3861200.05	0.04386	0.03509	0.04215	6.73E-04	2.55E-06	1.13E-03	0.001806	6.88E-04	2.51E-06	1.26E-03	1.95E-03	6.53E-04	3.19E-06	2.41E-03	3.07E-03
520	489963.71, 3861200.05	0.04388	0.03515	0.04222	6.73E-04	2.56E-06	1.13E-03	0.001808	6.88E-04	2.52E-06	1.26E-03	1.95E-03	6.54E-04	3.20E-06	2.42E-03	3.08E-03
521	490013.71, 3861200.05	0.04395	0.03524	0.04232	6.74E-04	2.57E-06	1.14E-03	0.001812	6.89E-04	2.53E-06	1.26E-03	1.95E-03	6.55E-04	3.21E-06	2.42E-03	3.08E-03
522	490063.71, 3861200.05	0.04399	0.03531	0.04242	6.75E-04	2.57E-06	1.14E-03	0.001815	6.90E-04	2.53E-06	1.27E-03	1.96E-03	6.55E-04	3.21E-06	2.43E-03	3.09E-03
523	489513.71, 3861250.05	0.04253	0.03376	0.04039	6.53E-04	2.46E-06	1.08E-03	0.001738	6.67E-04	2.42E-06	1.20E-03	1.87E-03	6.34E-04	3.07E-06	2.31E-03	2.95E-03
524	489563.71, 3861250.05	0.0426	0.03383	0.04052	6.54E-04	2.46E-06	1.09E-03	0.001743	6.68E-04	2.42E-06	1.21E-03	1.88E-03	6.35E-04	3.08E-06	2.32E-03	2.96E-03
525	489613.71, 3861250.05	0.04265	0.0339	0.04064	6.54E-04	2.47E-06	1.09E-03	0.001747	6.69E-04	2.43E-06	1.21E-03	1.88E-03	6.35E-04	3.08E-06	2.33E-03	2.97E-03
526	489663.71, 3861250.05	0.04266	0.03395	0.04072	6.55E-04	2.47E-06	1.09E-03	0.001749	6.69E-04	2.43E-06	1.21E-03	1.89E-03	6.36E-04	3.09E-06	2.33E-03	2.97E-03
527	489713.71, 3861250.05	0.04271	0.03402	0.04082	6.55E-04	2.48E-06	1.09E-03	0.001753	6.70E-04	2.44E-06	1.22E-03	1.89E-03	6.36E-04	3.09E-06	2.34E-03	2.98E-03
528	489763.71, 3861250.05	0.04276	0.03411	0.04092	6.56E-04	2.48E-06	1.10E-03	0.001756	6.70E-04	2.44E-06	1.22E-03	1.89E-03	6.37E-04	3.10E-06	2.34E-03	2.98E-03
529	489813.71, 3861250.05	0.04281	0.0342	0.04102	6.57E-04	2.49E-06	1.10E-03	0.00176	6.71E-04	2.45E-06	1.22E-03	1.90E-03	6.38E-04	3.11E-06	2.35E-03	2.99E-03
530	489863.71, 3861250.05	0.04286	0.03429	0.04112	6.58E-04	2.50E-06	1.10E-03	0.001763	6.72E-04	2.46E-06	1.23E-03	1.90E-03	6.38E-04	3.12E-06	2.36E-03	3.00E-03
531	489913.71, 3861250.05	0.04293	0.03439	0.04124	6.59E-04	2.50E-06	1.11E-03	0.001767	6.73E-04	2.46E-06	1.23E-03	1.91E-03	6.40E-04	3.13E-06	2.36E-03	3.01E-03
532	489963.71, 3861250.05	0.04298	0.03448	0.04133	6.60E-04	2.51E-06	1.11E-03	0.001771	6.74E-04	2.47E-06	1.23E-03	1.91E-03	6.40E-04	3.14E-06	2.37E-03	3.01E-03
533	490013.71, 3861250.05	0.04302	0.03455	0.04142	6.60E-04	2.51E-06	1.11E-03	0.001774	6.75E-04	2.48E-06	1.24E-03	1.91E-03	6.41E-04	3.14E-06	2.37E-03	3.02E-03
534	490063.71, 3861250.05	0.04303	0.0346	0.04147	6.60E-04	2.52E-06	1.11E-03	0.001775	6.75E-04	2.48E-06	1.24E-03	1.91E-03	6.41E-04	3.15E-06	2.38E-03	3.02E-03
535	489528.13, 3861308.47	0.04151	0.03304	0.03943	6.37E-04	2.41E-06	1.06E-03	0.001697	6.51E-04	2.37E-06	1.18E-03	1.83E-03	6.18E-04	3.01E-06	2.26E-03	2.88E-03
536	489578.13, 3861308.47	0.04156	0.0331	0.03954	6.38E-04	2.41E-06	1.06E-03	0.001701	6.52E-04	2.37E-06	1.18E-03	1.83E-03	6.19E-04	3.01E-06	2.27E-03	2.89E-03
537	489628.13, 3861308.47	0.0416	0.03315	0.03964	6.38E-04	2.41E-06	1.06E-03	0.001704	6.52E-04	2.38E-06	1.18E-03	1.84E-03	6.20E-04	3.02E-06	2.27E-03	2.89E-03
538	489678.13, 3861308.47	0.04165	0.03321	0.03975	6.39E-04	2.42E-06	1.07E-03	0.001708	6.53E-04	2.38E-06	1.19E-03	1.84E-03	6.20E-04	3.02E-06	2.28E-03	2.90E-03
539	489728.13, 3861308.47	0.0417	0.03329	0.03985	6.40E-04	2.42E-06	1.07E-03	0.001711	6.54E-04	2.39E-06	1.19E-03	1.85E-03	6.21E-04	3.03E-06	2.28E-03	2.91E-03
540	489778.13, 3861308.47	0.04172	0.03335	0.03993	6.40E-04	2.43E-06	1.07E-03	0.001714	6.54E-04	2.39E-06	1.19E-03	1.85E-03	6.22E-04	3.03E-06	2.29E-03	2.91E-03
541	489678.13, 3861358.47	0.0408	0.03259	0.03892	6.26E-04	2.37E-06	1.04E-03	0.001672	6.40E-04	2.34E-06	1.16E-03	1.80E-03	6.08E-04	2.96E-06	2.23E-03	2.84E-03
542	489728.13, 3861358.47	0.04083	0.03265	0.03901	6.27E-04	2.38E-06	1.05E-03	0.001675	6.40E-04	2.34E-06	1.16E-03	1.81E-03	6.08E-04	2.97E-06	2.23E-03	2.85E-03
543	489528.13, 3861408.47	0.03985	0.03187	0.03781	6.12E-04	2.32E-06	1.01E-03	0.001628	6.25E-04	2.28E-06	1.13E-03	1.76E-03	5.94E-04	2.90E-06	2.17E-03	2.76E-03
544	489578.13, 3861408.47	0.03989	0.03191	0.03792	6.12E-04	2.32E-06	1.02E-03	0.001631	6.25E-04	2.29E-06	1.13E-03	1.76E-03	5.94E-04	2.90E-06	2.17E-03	2.77E-03
545	489628.13, 3861408.47	0.03999	0.03199	0.03807	6.14E-04	2.33E-06	1.02E-03	0.001637	6.27E-04	2.29E-06	1.14E-03	1.77E-03	5.96E-04	2.91E-06	2.18E-03	2.78E-03
546	489678.13, 3861408.47	0.04	0.03201	0.03814	6.14E-04	2.33E-06	1.02E-03	0.001639	6.27E-04	2.29E-06	1.14E-03	1.77E-03	5.96E-04	2.91E-06	2.18E-03	2.78E-03
547	489728.13, 3861408.47	0.04001	0.03204	0.0382	6.14E-04	2.33E-06	1.02E-03	0.001641	6.27E-04	2.30E-06	1.14E-03	1.77E-03	5.96E-04	2.91E-06	2.19E-03	2.79E-03
548	489528.13, 3861458.47	0.03909	0.03135	0.03708	6.00E-04	2.28E-06	9.95E-04	0.001597	6.13E-04	2.25E-06	1.11E-03	1.72E-03	5.82E-04	2.85E-06	2.12E-03	2.71E-03
549	489578.13, 3861458.47	0.03914	0.03138	0.03719	6.01E-04	2.28E-06	9.97E-04	0.0016	6.14E-04	2.25E-06	1.11E-03	1.73E-03	5.83E-04	2.85E-06	2.13E-03	2.72E-03
550	489628.13, 3861458.47	0.03918	0.03141	0.03728	6.01E-04	2.29E-06	1.00E-03	0.001603	6.14E-04	2.25E-06	1.11E-03	1.73E-03	5.84E-04	2.86E-06	2.14E-03	2.72E-03
551	489678.13, 3861458.47	0.0392	0.03143	0.03736	6.02E-04	2.29E-06	1.00E-03	0.001606	6.15E-04	2.25E-06	1.11E-03	1.73E-03	5.84E-04	2.86E-06	2.14E-03	2.73E-03
552	489728.13, 3861458.47	0.03918	0.03143	0.03738	6.01E-04	2.29E-06	1.00E-03	0.001606	6.14E-04	2.25E-06	1.12E-03	1.73E-03	5.84E-04	2.86E-06	2.14E-03	2.73E-03
553	489528.13, 3861508.47	0.03835	0.03082	0.03636	5.88E-04	2.24E-06	9.75E-04	0.001566	6.01E-04	2.21E-06	1.08E-03	1.69E-03	5.71E-04	2.80E-06	2.08E-03	2.66E-03
554	489578.13, 3861508.47	0.03837	0.03084	0.03644	5.89E-04	2.24E-06	9.77E-04	0.001568	6.02E-04	2.21E-06	1.09E-03	1.69E-03	5.72E-04	2.81E-06	2.09E-03	2.66E-03
555	489628.13, 3861508.47	0.0384	0.03085	0.03652	5.89E-04	2.25E-06	9.79E-04	0.001571	6.02E-04	2.21E-06	1.09E-03	1.69E-03	5.72E-04	2.81E-06	2.09E-03	2.67E-03
556	489678.13, 3861508.47	0.0384	0.03086	0.03658	5.89E-04	2.25E-06	9.81E-04	0.001573	6.02E-04	2.21E-06	1.09E-03	1.70E-03	5.72E-04	2.81E-06	2.10E-03	2.67E-03
557	489728.13, 3861508.47	0.0384	0.03086	0.03663	5.89E-04	2.25E-06	9.82E-04	0.001574	6.02E-04	2.21E-06	1.09E-03	1.70E-03	5.72E-04	2.81E-06	2.10E-03	2.67E-03
558	489628.13, 3861558.47	0.03769	0.03036	0.03584	5.78E-04	2.21E-06	9.61E-04	0.001542	5.91E-04	2.18E-06	1.07E-03	1.66E-03	5.61E-04	2.76E-06	2.05E-03	2.62E-03
559	489678.13, 3861558.47	0.03775	0.03039	0.03594	5.79E-04	2.21E-06	9.64E-04	0.001545	5.92E-04	2.18E-06	1.07E-03	1.67E-03	5.62E-04	2.76E-06	2.06E-03	2.62E-03
560	489728.13, 3861558.47	0.03775	0.0304	0.036	5.79E-04	2.21E-06	9.66E-04	0.001547	5.92E-04	2.18E-06	1.07E-03	1.67E-03	5.62E-04	2.77E-06	2.06E-03	2.63E-03
561	489357.08, 3861015.81	0.0472	0.03699	0.04469	7.24E-04	2.69E-06	1.20E-03	0.001926	7.40E-04	2.65E-06	1.33E-03	2.08E-03	7.03E-04	3.36E-06	2.56E-03	3.27E-03
562	489407.08, 3861015.81	0.04717	0.03699	0.04472	7.24E-04	2.69E-06	1.20E-03	0.001926	7.40E-04	2.65E-06	1.33E-03	2.08E-03	7.03E-04	3.36E-06	2.56E-03	3.27E-03
563	489457.08, 3861015.81	0.04718	0.03703	0.04481	7.24E-04	2.70E-06	1.20E-03	0.001929	7.40E-04	2.65E-06	1.34E-03	2.08E-03	7.03E-04	3.37E-06	2.57E-03	3.27E-03
564	489357.08, 3861065.81	0.04619	0.03629	0.04372	7.09E-04	2.64E-06	1.17E-03	0.001884	7.24E-04	2.60E-06	1.30E-03	2.03E-03	6.88E-04	3.30E-06	2.50E-03	3.20E-03
565	489407.08, 3861065.81	0.04615	0.03628	0.04375	7.08E-04	2.64E-06	1.17E-03	0.001884	7.24E-04	2.60E-06	1.31E-03	2.03E-03	6.88E-04	3.30E-06	2.51E-03	3.20E-03
566	489457.08, 3861065.81	0.04617	0.03632	0.04384	7.08E-04	2.64E-06	1.18E-03	0.001887	7.24E-04	2.60E-06	1.31E-03	2.03E-03	6.88E-04	3.30E-06	2.51E-03	3.20E-03
567	489357.08, 3861115.81	0.0452	0.0356	0.04277	6.94E-04	2.59E-06	1.15E-03	0.001843	7.09E-04	2.55E-06	1.28E-03	1.99E-03	6.73E-04	3.24E-06	2.45E-03	3.13E-03
568	489407.08, 3861115.81	0.04523	0.03563	0.04287	6.94E-04	2.59E-06	1.15E-03	0.001846	7.09E-04	2.55E-06	1.28E-03	1.99E-03	6.74E-04	3.24E-06	2.46E-03	3.13E-03
569	489457.08, 3861115.81	0.04525	0.03568	0.04296	6.94E-04	2.60E-06	1.15E-03	0.001849	7.09E-04	2.56E-06	1.28E-03	1.99E-03	6.74E-04	3.25E-06	2.46E-03	3.14E-03
570	489407.08, 3861165.81	0.04432	0.03501	0.042	6.80E-04	2.55E-06	1.13E-03	0.001809	6.95E-04	2.51E-06	1.25E-03	1.95E-03	6.60E-04	3.18E-06	2.41E-03	3.07E-03
571	489457.08, 3861165.81	0.0443	0.035	0.04204	6.80E-04	2.55E-06	1.13E-03	0.00181	6.95E-04	2.51E-06	1.25E-03	1.95E-03	6.60E-04	3.18E-06	2.41E-03	3.07E-03
572	489407.08, 3861215.81	0.04323	0.03423	0.04093	6.63E-04	2.49E-06	1.10E-03	0.001764	6.78E-04	2.45E-06	1.22E-03	1.90E-03	6.44E-04	3.11E-06	2.34E-03	2.99E-03
573	489457.08, 3861215.81	0.04323	0.03425	0.041	6.63E-04	2.49E-06	1.10E-03	0.001766	6.78E-04	2.45E-06	1.22E-03	1.90E-03	6.44E-04	3.12E-06	2.35E-03	3.00E-03
574	489407.08, 3861265.81	0.04216	0.03348	0.0399	6.47E-04	2.44E-06	1.07E-03	0.00172	6.61E-04	2.40E-06	1.19E-03	1.85E-03	6.28E-04	3.05E-06	2.29E-03	2.92E-03
575	489457.08, 3861265.81	0.04222	0.03353	0.04001	6.48E-04	2.44E-06	1.07E-03	0.001723	6.62E-04	2.40E-06	1.19E-03	1.86E-03	6.29E-04	3.05E-06	2.29E-03	2.92E-03
576	489309.86, 3861110.14	0.04525	0.03563	0.04275	6.94E-04	2.59E-06	1.15E-03	0.001844	7.09E-04	2.55E-06	1.28E-03	1.99E-03	6.74E-04	3.24E-06	2.45E-03	3.13E-03
577	489407.08, 3861315.81	0.04129	0.03288	0.03906	6.34E-04	2.39E-06	1.05E-03	0.001684	6.47E-04	2.36E-06	1.17E-03	1.81E-03	6.15E-04	2.99E-06	2.24E-03	2.86E-03
578	489457.08, 3861315.81	0.04135	0.03292	0.03918	6.35E-04	2.40E-06	1.05E-03	0.001688	6.48E-04	2.36E-06	1.17E-03	1.82E-03	6.16E-04	2.99E-06	2.24E-03	2.86E-03
579	488906.03, 3861006.75	0.04739	0.03678	0.04446	7.27E-04	2.68E-06	1.19E-03	0.001922	7.43E-04	2.64E-06	1.33E-03	2.07E-03	7.06E-04	3.35E-06	2.55E-03	3.26E-03
580	488956.03, 3861006.75	0.04754	0.03701	0.04466	7.30E-04	2.69E-06	1.20E-03	0.00193	7.45E-04	2.65E-06	1.33E-03	2.08E-03	7.08E-04	3.37E-06	2.56E-03	3.27E-03
581	488904.24, 3861051.87	0.04698	0.03652	0.04419	7.21E-04	2.66E-06	1.19E-03	0.001909	7.37E-04	2.62E-06	1.32E-03	2.06E-03	7.00E-04	3.32E-06	2.53E-03	3.23E-03
582	488954.24, 3861051.87	0.04678	0.03647	0.04399	7.18E-04	2.65E-06	1.18E-03	0.0019	7.33E-04	2.61E-06	1.31E-03	2.05E-03	6.97E-04	3.32E-06	2.52E-03	3.22E-03
583	489004.24, 3861051.87	0.04697	0.03672	0.04423	7.21E-04	2.67E-06	1.19E-03	0.00191	7.36E-04	2.63E-06	1.32E-03	2.06E-03	7.00E-04	3.34E-06	2.53E-03	3.24E-03
584	488804.24, 3861101.87	0.04563	0.03522	0.0428	7.00E-04	2.56E-06	1.15E-03	0.001851	7.15E-04	2.52E-06	1.28E-03	1.99E-03	6.80E-04	3.20E-06	2.45E-03	3.13E-03

585	488854.24, 3861101.87	0.04576	0.03547	0.04298	7.02E-04	2.58E-06	1.15E-03	0.001858	7.17E-04	2.54E-06	1.28E-03	2.00E-03	6.82E-04	3.23E-06	2.46E-03	3.15E-03
586	488904.24, 3861101.87	0.04536	0.03529	0.04257	6.96E-04	2.57E-06	1.14E-03	0.00184	7.11E-04	2.53E-06	1.27E-03	1.98E-03	6.76E-04	3.21E-06	2.44E-03	3.12E-03
587	488954.24, 3861101.87	0.04526	0.03533	0.04249	6.95E-04	2.57E-06	1.14E-03	0.001837	7.10E-04	2.53E-06	1.27E-03	1.98E-03	6.74E-04	3.21E-06	2.43E-03	3.11E-03
588	489004.24, 3861101.87	0.0453	0.03547	0.04256	6.95E-04	2.58E-06	1.14E-03	0.001839	7.10E-04	2.54E-06	1.27E-03	1.98E-03	6.75E-04	3.23E-06	2.44E-03	3.12E-03
589	488804.24, 3861151.87	0.04409	0.03407	0.04128	6.77E-04	2.48E-06	1.11E-03	0.001786	6.91E-04	2.44E-06	1.23E-03	1.93E-03	6.57E-04	3.10E-06	2.36E-03	3.02E-03
590	488854.24, 3861151.87	0.04404	0.03417	0.04126	6.76E-04	2.49E-06	1.11E-03	0.001785	6.91E-04	2.45E-06	1.23E-03	1.92E-03	6.56E-04	3.11E-06	2.36E-03	3.02E-03
591	489129.49, 3861187.55	0.04347	0.03431	0.04089	6.67E-04	2.50E-06	1.10E-03	0.001766	6.82E-04	2.46E-06	1.22E-03	1.90E-03	6.48E-04	3.12E-06	2.34E-03	2.99E-03
592	489179.49, 3861187.55	0.04349	0.03436	0.04094	6.67E-04	2.50E-06	1.10E-03	0.001768	6.82E-04	2.46E-06	1.22E-03	1.91E-03	6.48E-04	3.13E-06	2.35E-03	3.00E-03
593	488804.24, 3861201.87	0.04317	0.03339	0.04042	6.62E-04	2.43E-06	1.08E-03	0.001749	6.77E-04	2.39E-06	1.21E-03	1.89E-03	6.43E-04	3.04E-06	2.32E-03	2.96E-03
594	488854.24, 3861201.87	0.04301	0.0334	0.04029	6.60E-04	2.43E-06	1.08E-03	0.001743	6.74E-04	2.39E-06	1.20E-03	1.88E-03	6.41E-04	3.04E-06	2.31E-03	2.95E-03
595	489129.49, 3861237.55	0.04265	0.03372	0.04013	6.54E-04	2.45E-06	1.08E-03	0.001733	6.69E-04	2.42E-06	1.20E-03	1.87E-03	6.35E-04	3.07E-06	2.30E-03	2.94E-03
596	489179.49, 3861237.55	0.04258	0.03372	0.04009	6.53E-04	2.45E-06	1.08E-03	0.001731	6.68E-04	2.42E-06	1.20E-03	1.87E-03	6.34E-04	3.07E-06	2.30E-03	2.93E-03
597	488804.24, 3861251.87	0.04232	0.03275	0.03963	6.49E-04	2.38E-06	1.06E-03	0.001715	6.64E-04	2.35E-06	1.18E-03	1.85E-03	6.30E-04	2.98E-06	2.27E-03	2.90E-03
598	488854.24, 3861251.87	0.04214	0.03275	0.03948	6.47E-04	2.38E-06	1.06E-03	0.001708	6.61E-04	2.35E-06	1.18E-03	1.84E-03	6.28E-04	2.98E-06	2.26E-03	2.89E-03
599	488804.24, 3861301.87	0.04139	0.03206	0.03876	6.35E-04	2.33E-06	1.04E-03	0.001677	6.49E-04	2.30E-06	1.16E-03	1.81E-03	6.17E-04	2.92E-06	2.22E-03	2.84E-03
600	488854.24, 3861301.87	0.04129	0.03211	0.03869	6.34E-04	2.34E-06	1.04E-03	0.001674	6.47E-04	2.30E-06	1.15E-03	1.80E-03	6.15E-04	2.92E-06	2.22E-03	2.83E-03
601	490943.5, 3860181.97	0.06811	0.05052	0.06575	1.05E-03	3.68E-06	1.76E-03	0.002812	1.07E-03	3.62E-06	1.96E-03	3.03E-03	1.01E-03	4.60E-06	3.77E-03	4.79E-03
602	490993.5, 3860181.97	0.06828	0.05056	0.06592	1.05E-03	3.68E-06	1.77E-03	0.002819	1.07E-03	3.62E-06	1.97E-03	3.04E-03	1.02E-03	4.60E-06	3.78E-03	4.80E-03
603	491043.5, 3860181.97	0.06848	0.05062	0.06612	1.05E-03	3.68E-06	1.77E-03	0.002828	1.07E-03	3.63E-06	1.97E-03	3.05E-03	1.02E-03	4.60E-06	3.79E-03	4.81E-03
604	491093.5, 3860181.97	0.0686	0.05066	0.06625	1.05E-03	3.69E-06	1.78E-03	0.002833	1.08E-03	3.63E-06	1.98E-03	3.06E-03	1.02E-03	4.61E-06	3.80E-03	4.82E-03
605	490943.5, 3860231.97	0.06569	0.04923	0.06356	1.01E-03	3.58E-06	1.70E-03	0.002716	1.03E-03	3.53E-06	1.90E-03	2.93E-03	9.79E-04	4.48E-06	3.64E-03	4.62E-03
606	490993.5, 3860231.97	0.06596	0.04932	0.06384	1.01E-03	3.59E-06	1.71E-03	0.002728	1.03E-03	3.53E-06	1.90E-03	2.94E-03	9.83E-04	4.49E-06	3.66E-03	4.64E-03
607	491043.5, 3860231.97	0.06604	0.04928	0.0639	1.01E-03	3.59E-06	1.71E-03	0.002731	1.04E-03	3.53E-06	1.91E-03	2.95E-03	9.84E-04	4.48E-06	3.66E-03	4.65E-03
608	491093.5, 3860231.97	0.06614	0.04927	0.06399	1.01E-03	3.59E-06	1.72E-03	0.002735	1.04E-03	3.53E-06	1.91E-03	2.95E-03	9.85E-04	4.48E-06	3.67E-03	4.66E-03
609	490943.5, 3860281.97	0.06349	0.04805	0.06156	9.74E-04	3.50E-06	1.65E-03	0.002629	9.95E-04	3.44E-06	1.84E-03	2.84E-03	9.46E-04	4.37E-06	3.53E-03	4.48E-03
610	490993.5, 3860281.97	0.06367	0.04808	0.06175	9.77E-04	3.50E-06	1.66E-03	0.002637	9.98E-04	3.45E-06	1.84E-03	2.84E-03	9.48E-04	4.37E-06	3.54E-03	4.49E-03
611	491043.5, 3860281.97	0.06377	0.04804	0.06183	9.79E-04	3.50E-06	1.66E-03	0.00264	1.00E-03	3.44E-06	1.84E-03	2.85E-03	9.50E-04	4.37E-06	3.54E-03	4.50E-03
612	491093.5, 3860281.97	0.06387	0.04802	0.06192	9.80E-04	3.50E-06	1.66E-03	0.002644	1.00E-03	3.44E-06	1.85E-03	2.85E-03	9.51E-04	4.37E-06	3.55E-03	4.50E-03
613	490943.5, 3860331.97	0.06148	0.04695	0.05972	9.43E-04	3.42E-06	1.60E-03	0.002549	9.64E-04	3.36E-06	1.78E-03	2.75E-03	9.16E-04	4.27E-06	3.42E-03	4.34E-03
614	490993.5, 3860331.97	0.0615	0.04687	0.05973	9.44E-04	3.41E-06	1.60E-03	0.002549	9.64E-04	3.36E-06	1.78E-03	2.75E-03	9.16E-04	4.26E-06	3.42E-03	4.34E-03
615	491043.5, 3860331.97	0.06156	0.04681	0.05979	9.45E-04	3.41E-06	1.60E-03	0.002552	9.65E-04	3.35E-06	1.78E-03	2.75E-03	9.17E-04	4.26E-06	3.43E-03	4.35E-03
616	491093.5, 3860331.97	0.06166	0.04678	0.05988	9.46E-04	3.41E-06	1.61E-03	0.002556	9.67E-04	3.35E-06	1.79E-03	2.76E-03	9.19E-04	4.26E-06	3.43E-03	4.35E-03
617	490086.72, 3859935.12	0.08089	0.05922	0.0772	1.24E-03	4.31E-06	2.07E-03	0.003316	1.27E-03	4.24E-06	2.30E-03	3.58E-03	1.21E-03	5.39E-06	4.42E-03	5.63E-03
618	490136.72, 3859935.12	0.08058	0.05889	0.07693	1.24E-03	4.29E-06	2.06E-03	0.003304	1.26E-03	4.22E-06	2.30E-03	3.56E-03	1.20E-03	5.36E-06	4.41E-03	5.61E-03
619	490186.72, 3859935.12	0.08037	0.05861	0.07674	1.23E-03	4.27E-06	2.06E-03	0.003296	1.26E-03	4.20E-06	2.29E-03	3.55E-03	1.20E-03	5.33E-06	4.40E-03	5.60E-03
620	490236.72, 3859935.12	0.08025	0.05838	0.07662	1.23E-03	4.25E-06	2.05E-03	0.003291	1.26E-03	4.18E-06	2.29E-03	3.55E-03	1.20E-03	5.31E-06	4.39E-03	5.59E-03
621	490286.72, 3859935.12	0.08018	0.05816	0.07654	1.23E-03	4.23E-06	2.05E-03	0.003287	1.26E-03	4.17E-06	2.28E-03	3.54E-03	1.19E-03	5.29E-06	4.38E-03	5.58E-03
622	490336.72, 3859935.12	0.08019	0.05799	0.07651	1.23E-03	4.22E-06	2.05E-03	0.003287	1.26E-03	4.16E-06	2.28E-03	3.54E-03	1.19E-03	5.27E-06	4.38E-03	5.58E-03
623	490386.72, 3859935.12	0.0803	0.05788	0.07659	1.23E-03	4.21E-06	2.05E-03	0.003291	1.26E-03	4.15E-06	2.28E-03	3.55E-03	1.20E-03	5.26E-06	4.39E-03	5.59E-03
624	490436.72, 3859935.12	0.08045	0.0578	0.0767	1.23E-03	4.21E-06	2.06E-03	0.003296	1.26E-03	4.14E-06	2.29E-03	3.55E-03	1.20E-03	5.26E-06	4.39E-03	5.60E-03
625	490486.72, 3859935.12	0.08067	0.05778	0.07689	1.24E-03	4.21E-06	2.06E-03	0.003304	1.26E-03	4.14E-06	2.29E-03	3.56E-03	1.20E-03	5.26E-06	4.40E-03	5.61E-03
626	490536.72, 3859935.12	0.08107	0.05792	0.07732	1.24E-03	4.22E-06	2.07E-03	0.003322	1.27E-03	4.15E-06	2.31E-03	3.58E-03	1.21E-03	5.27E-06	4.43E-03	5.64E-03
627	490586.72, 3859935.12	0.08152	0.05813	0.07783	1.25E-03	4.23E-06	2.09E-03	0.003343	1.28E-03	4.17E-06	2.32E-03	3.60E-03	1.21E-03	5.29E-06	4.46E-03	5.68E-03
628	490636.72, 3859935.12	0.08186	0.05827	0.07819	1.26E-03	4.24E-06	2.10E-03	0.003357	1.28E-03	4.18E-06	2.33E-03	3.62E-03	1.22E-03	5.30E-06	4.48E-03	5.70E-03
629	490686.72, 3859935.12	0.08234	0.0586	0.07884	1.26E-03	4.27E-06	2.11E-03	0.003382	1.29E-03	4.20E-06	2.35E-03	3.65E-03	1.23E-03	5.33E-06	4.52E-03	5.75E-03
630	490736.72, 3859935.12	0.0827	0.05886	0.07932	1.27E-03	4.28E-06	2.13E-03	0.003401	1.30E-03	4.22E-06	2.37E-03	3.67E-03	1.23E-03	5.35E-06	4.54E-03	5.78E-03
631	490086.72, 3859985.12	0.07855	0.05808	0.07514	1.21E-03	4.23E-06	2.02E-03	0.003225	1.23E-03	4.16E-06	2.24E-03	3.48E-03	1.17E-03	5.28E-06	4.30E-03	5.48E-03
632	490136.72, 3859985.12	0.07814	0.0577	0.07477	1.20E-03	4.20E-06	2.01E-03	0.003209	1.23E-03	4.13E-06	2.23E-03	3.46E-03	1.16E-03	5.25E-06	4.28E-03	5.45E-03
633	490186.72, 3859985.12	0.07785	0.05741	0.07453	1.19E-03	4.18E-06	2.00E-03	0.003198	1.22E-03	4.11E-06	2.22E-03	3.45E-03	1.16E-03	5.22E-06	4.27E-03	5.43E-03
634	490236.72, 3859985.12	0.07766	0.05717	0.07439	1.19E-03	4.16E-06	2.00E-03	0.003191	1.22E-03	4.10E-06	2.22E-03	3.44E-03	1.16E-03	5.20E-06	4.26E-03	5.42E-03
635	490286.72, 3859985.12	0.07748	0.05691	0.07422	1.19E-03	4.14E-06	1.99E-03	0.003184	1.21E-03	4.08E-06	2.21E-03	3.43E-03	1.15E-03	5.18E-06	4.25E-03	5.41E-03
636	490336.72, 3859985.12	0.07737	0.05668	0.0741	1.19E-03	4.13E-06	1.99E-03	0.003179	1.21E-03	4.06E-06	2.21E-03	3.43E-03	1.15E-03	5.16E-06	4.24E-03	5.40E-03
637	490386.72, 3859985.12	0.07729	0.05645	0.07398	1.19E-03	4.11E-06	1.98E-03	0.003174	1.21E-03	4.04E-06	2.21E-03	3.42E-03	1.15E-03	5.13E-06	4.24E-03	5.39E-03
638	490436.72, 3859985.12	0.07733	0.0563	0.07398	1.19E-03	4.10E-06	1.98E-03	0.003175	1.21E-03	4.03E-06	2.21E-03	3.42E-03	1.15E-03	5.12E-06	4.24E-03	5.40E-03
639	490486.72, 3859985.12	0.07746	0.05622	0.07409	1.19E-03	4.09E-06	1.99E-03	0.00318	1.21E-03	4.03E-06	2.21E-03	3.43E-03	1.15E-03	5.11E-06	4.24E-03	5.40E-03
640	490536.72, 3859985.12	0.07771	0.05624	0.07433	1.19E-03	4.09E-06	1.99E-03	0.00319	1.22E-03	4.03E-06	2.22E-03	3.44E-03	1.16E-03	5.12E-06	4.26E-03	5.42E-03
641	490586.72, 3859985.12	0.07805	0.05634	0.07469	1.20E-03	4.10E-06	2.00E-03	0.003205	1.22E-03	4.04E-06	2.23E-03	3.46E-03	1.16E-03	5.12E-06	4.28E-03	5.45E-03
642	490636.72, 3859985.12	0.07845	0.05651	0.07513	1.20E-03	4.11E-06	2.02E-03	0.003223	1.23E-03	4.05E-06	2.24E-03	3.48E-03	1.17E-03	5.14E-06	4.30E-03	5.48E-03
643	490686.72, 3859985.12	0.07895	0.0568	0.07575	1.21E-03	4.13E-06	2.03E-03	0.003247	1.24E-03	4.07E-06	2.26E-03	3.50E-03	1.18E-03	5.17E-06	4.34E-03	5.52E-03
644	490736.72, 3859985.12	0.07924	0.05692	0.07607	1.22E-03	4.14E-06	2.04E-03	0.00326	1.24E-03	4.08E-06	2.27E-03	3.52E-03	1.18E-03	5.18E-06	4.36E-03	5.54E-03
645	490786.72, 3859985.12	0.07952	0.05707	0.07638	1.22E-03	4.15E-06	2.05E-03	0.003273	1.25E-03	4.09E-06	2.28E-03	3.53E-03	1.18E-03	5.19E-06	4.38E-03	5.57E-03
646	490086.72, 3860035.12	0.07644	0.05702	0.07329	1.17E-03	4.15E-06	1.97E-03	0.003143	1.20E-03	4.09E-06	2.19E-03	3.39E-03	1.14E-03	5.19E-06	4.20E-03	5.34E-03
647	490136.72, 3860035.12	0.07598	0.05663	0.07287	1.17E-03	4.12E-06	1.95E-03	0.003124	1.19E-03	4.06E-06	2.17E-03	3.37E-03	1.13E-03	5.15E-06	4.17E-03	5.31E-03
648	490186.72, 3860035.12	0.07559	0.05628	0.07252	1.16E-03	4.10E-06	1.95E-03	0.003109	1.19E-03	4.03E-06	2.16E-03	3.35E-03	1.13E-03	5.12E-06	4.15E-03	5.29E-03
649	490236.72, 3860035.12	0.07527	0.05597	0.07225	1.16E-03	4.07E-06	1.94E-03	0.003097	1.18E-03	4.01E-06	2.16E-03	3.34E-03	1.12E-03	5.09E-06	4.14E-03	5.27E-03
650	490286.72, 3860035.12	0.075	0.05567	0.07199	1.15E-03	4.05E-06	1.93E-03	0.003086	1.18E-03	3.99E-06	2.15E-03	3.33E-03	1.12E-03	5.06E-06	4.12E-03	5.25E-03
651	490336.72, 3860035.12	0.07485	0.05545	0.07188	1.15E-03	4.04E-06	1.93E-03	0.00308	1.17E-03	3.97E-06	2.14E-03	3.32E-03	1.12E-03	5.04E-06	4.12E-03	5.24E-03
652	490386.72, 3860035.12	0.07466	0.05518	0.07168	1.15E-03	4.02E-06	1.92E-03	0.003072	1.17E-03	3.95E-06	2.14E-03	3.31E-03	1.11E-03	5.02E-06	4.11E-03	5.22E-03
653	490436.72, 3860035.12	0.07458	0.05497	0.07158	1.14E-03	4.00E-06	1.92E-03	0.003068	1.17E-03	3.94E-06	2.14E-03	3.31E-03	1.11E-03	5.00E-06	4.10E-03	5.22E-03
654	490486.72, 3860035.12	0.0746	0.05483	0.07158	1.14E-03	3.99E-06	1.92E-03	0.003069	1.17E-03	3.93E-06	2.14E-03	3.31E-03	1.11E-03	4.99E-06	4.10E-03	5.22E-03
655	490536.72, 3860035.12	0.07473	0.05477	0.07171	1.15E-03	3.99E-06	1.92E-03	0.003074	1.17E-03	3.92E-06	2.14E-03	3.31E-03	1.11E-03	4.98E-06	4.11E-03	5.23E-03
656	490586.72, 3860035.12	0.07492	0.05475	0.07188	1.15E-03	3.99E-06	1.93E-03	0.003082	1.17E-03	3.92E-06	2.14E-03	3.32E-03	1.12E-03	4.98E-06	4.12E-03	5.24E-03
657	490636.72, 3860035.12	0.07509	0.05472	0.07202	1.15E-03	3.98E-06	1.93E-03	0.003088	1.18E-03	3.92E-06	2.15E-03	3.33E-03	1.12E-03	4.98E-06	4.13E-03	5.25E-03
658	490686.72, 3860035.12	0.07544	0.05484	0.07239	1.16E-03	3.99E-06	1.94E-03	0.003103	1.18E-03	3.93E-06	2.16E-03	3.35E-03	1.12E-03	4.99E-06	4.15E-03	5.28E-03
659	490736.72, 3860035.12	0.07595	0.05513	0.07301	1.17E-03	4.01E-06	1.96E-03	0.003128	1.19E-03	3.95E-06	2.18E-03	3.37E-03	1.13E-03	5.01E-06	4.18E-03	5.32E-03
660	490786.72, 3860035.12	0.07623	0.05523	0.07329	1.17E-03	4.02E-06	1.97E-03	0.003139	1.20E-03	3.96E-06	2.19E-03	3.39E-03	1.14E-03	5.02E-06	4.20E-03	5.34E-03
661	490836.72, 3860035.12	0.07648	0.05533	0.07356	1.17E-03	4.03E-06	1.97E-03	0.003151	1.20E-03	3.96E-06	2.19E-03	3.40E-03	1.14E-03	5.03E-06	4.21E-03	5.36E-03
662	490086.72, 3860085.12	0.07467	0.05617	0.07181	1.15E-03	4.09E-06	1.93E-03	0.003076	1.17E-03	4.02E-06	2.14E-03	3.32E-03	1.11E-03	5.11E-06	4.11E-03	5.23E-03
663	490136.72, 3860085.12	0.07403	0.05562	0.07113	1.14E-03	4.05E-06	1.91E-03	0.003048	1.16E-03	3.99E-06	2.12E-03	3.29E-03	1.10E-03	5.06E-06	4.07E-03	5.18E-03
664	490186.72, 3860085.12	0.07364	0.0553	0.07081	1.13E-03	4.03E-06	1.90E-03	0.003033	1.15E-03	3.96E-06	2.11E-03	3.27E-03	1.10E-03	5.03E-06	4.06E-03	5.16E-03
665	490236.72, 3860085.12	0.07323	0.05494	0.07043	1.12E-03	4.00E-06	1.89E-03	0.003017	1.15E-03	3.94E-06	2.10E-03	3.25E-03	1.09E-03	5.00E-06	4.03E-03	5.13E-03
666	490286.72, 3860085.12	0.07288	0.05461	0.07011	1.12E-03	3.98E-06	1.88E-03	0.003003	1.14E-03	3.91E-06	2.09E-03	3.24E-03	1.09E-03	4.97E-06	4.02E-03	5.11E-03
667	490336.72, 3860085.12	0.07256	0.05429	0.06982	1.11E-03	3.95E-06	1.87E-03	0.00299	1.14E-03	3.89E-06	2.08E-03	3.22E-03	1.08E-03	4.94E-06	4.00E-03	5.09E-03
668	490386.72, 3860085.12	0.07232	0.05401	0.06959	1.11E-03	3.93E-06	1.87E-03	0.00298	1.13E-03	3.87E-06	2.08E-03	3.21E-03	1.08E-03	4.91E-06	3.99E-03	5.07E-03
669	490436.72, 3860085.12	0.07215	0.05377	0.06942	1.11E-03	3.91E-06	1.86E-03	0.002973	1.13E-03	3.85E-06	2.07E-03	3.21E-03	1.07E-03	4.89E-06	3.98E-03	5.06E-03
670	490486.72, 3860085.12	0.07203	0.05355	0.06929	1.11E-03	3.90E-06	1.86E-03	0.002968	1.13E-03	3.84E-06	2.07E-03	3.20E-03	1.07E-03	4.87E-06	3.97E-03	5.05E-03
671	490536.72, 3860085.12	0.07205	0.05343	0.06932	1.11E-03	3.89E-06	1.86E-03	0.002969	1.13E-03	3.83E-06	2.07E-03	3.20E-03	1.07E-03	4.86E-06	3.97E-03	5.05E-03
672	490586.72, 3860085.12	0.07214	0.05335	0.0694	1.11E-03	3.88E-06	1.86E-03	0.002972	1.13E-03	3.82E-06	2.07E-03	3.21E-03	1.07E-03	4.85E-06	3.98E-03	5.06E-03
673	490636.72, 3860085.12	0.07224	0.05327	0.06948	1.11E-03	3.88E-06	1.86E-03	0.002976	1.13E-03	3.82E-06	2.07E-03	3.21E-03	1.08E-03	4.85E-06	3.98E-03	5.06E-03
674	490686.72, 3860085.12	0.07247	0.0533	0.06971	1.11E-03	3.88E-06	1.87E-03	0.002986	1.14E-03	3.82E-06	2.08E-03	3.22E-03	1.08E-03	4.85E-06	3.99E-03	5.08E-03
675	490736.72, 3860085.12	0.07278	0.0534	0.07004	1.12E-03	3.89E-06	1.88E-03	0.002999	1.14E-03	3.83E-06	2.09E-03	3.23E-03	1.08E-03	4.86E-06	4.01E-03	5.10E-03
676	490786.72, 3860085.12	0.07311	0.05353	0.0704	1.12E-03	3.90E-06	1.89E-03	0.003014	1.15E-03	3.84E-06	2.10E-03	3.25E-03	1.09E-03	4.87E-06	4.03E-03	5.13E-03
677	490836.72, 3860085.12	0.07335	0.05358	0.07062	1.13E-03	3.90E-06	1.89E-03	0.003024	1.15E-03	3.84E-06	2.11E-03	3.26E-03	1.09E-03	4.87E-06	4.05E-03	5.14E-03
678	490086.72, 3860135.12	0.07265	0.05499	0.06989	1.11E-03	4.00E-06	1.87E-03	0.002993	1.14E-03	3.94E-06	2.08E-03	3.23E-03	1.08E-03	5.00E-06	4.00E-03	5.09E-03
679	490136.72, 3860135.12	0.0722	0.05464	0.06949	1.11E-03	3.98E-06	1.86E-03	0.002976	1.13E-03	3.92E-06	2.07E-03	3.21E-03	1.08E-03	4.97E-06	3.98E-03	5.06E-03
680	490186.72, 3860135.12	0.07178	0.05431	0.06913	1.10E-03	3.95E-06	1.85E-03	0.00296	1.13E-03	3.89E-06	2.06E-03	3.19E-03	1.07E-03	4.94E-06	3.96E-03	5.03E-03
681	490236.72, 3860135.12	0.07132	0.05393	0.0687	1.09E-03	3.93E-06	1.84E-03	0.002941	1.12E-03	3.86E-06	2.05E-03	3.17E-03	1.06E-03	4.91E-06	3.94E-03	5.00E-03
682	490286.72, 3860135.12	0.07093	0.05359	0.06835	1.09E-03	3.90E-06	1.83E-03	0.002926	1.11E-03	3.84E-06	2.04E-03	3.15E-03	1.06E-03	4.87E-06	3.92E-03	4.98E-03

683	490336.72, 3860135.12	0.07058	0.05327	0.06803	1.08E-03	3.88E-06	1.82E-03	0.002912	1.11E-03	3.82E-06	2.03E-03	3.14E-03	1.05E-03	4.85E-06	3.90E-03	4.95E-03
684	490386.72, 3860135.12	0.07026	0.05295	0.06773	1.08E-03	3.85E-06	1.82E-03	0.002899	1.10E-03	3.79E-06	2.02E-03	3.13E-03	1.05E-03	4.82E-06	3.88E-03	4.93E-03
685	490436.72, 3860135.12	0.06998	0.05265	0.06746	1.07E-03	3.83E-06	1.81E-03	0.002887	1.10E-03	3.77E-06	2.01E-03	3.11E-03	1.04E-03	4.79E-06	3.86E-03	4.91E-03
686	490486.72, 3860135.12	0.06979	0.05241	0.06728	1.07E-03	3.82E-06	1.80E-03	0.002879	1.09E-03	3.76E-06	2.01E-03	3.11E-03	1.04E-03	4.77E-06	3.85E-03	4.90E-03
687	490536.72, 3860135.12	0.06972	0.05224	0.06723	1.07E-03	3.80E-06	1.80E-03	0.002877	1.09E-03	3.74E-06	2.01E-03	3.10E-03	1.04E-03	4.75E-06	3.85E-03	4.89E-03
688	490586.72, 3860135.12	0.06968	0.0521	0.06719	1.07E-03	3.79E-06	1.80E-03	0.002875	1.09E-03	3.73E-06	2.00E-03	3.10E-03	1.04E-03	4.74E-06	3.85E-03	4.89E-03
689	490636.72, 3860135.12	0.0697	0.05198	0.06721	1.07E-03	3.78E-06	1.80E-03	0.002876	1.09E-03	3.72E-06	2.01E-03	3.10E-03	1.04E-03	4.73E-06	3.85E-03	4.89E-03
690	490686.72, 3860135.12	0.06977	0.05189	0.06726	1.07E-03	3.78E-06	1.80E-03	0.002878	1.09E-03	3.72E-06	2.01E-03	3.10E-03	1.04E-03	4.72E-06	3.85E-03	4.90E-03
691	490736.72, 3860135.12	0.06993	0.05188	0.06742	1.07E-03	3.78E-06	1.81E-03	0.002885	1.10E-03	3.72E-06	2.01E-03	3.11E-03	1.04E-03	4.72E-06	3.86E-03	4.91E-03
692	490786.72, 3860135.12	0.07021	0.05196	0.06771	1.08E-03	3.78E-06	1.82E-03	0.002897	1.10E-03	3.72E-06	2.02E-03	3.12E-03	1.05E-03	4.73E-06	3.88E-03	4.93E-03
693	490836.72, 3860135.12	0.0704	0.05197	0.06789	1.08E-03	3.78E-06	1.82E-03	0.002905	1.10E-03	3.72E-06	2.03E-03	3.13E-03	1.05E-03	4.73E-06	3.89E-03	4.94E-03
694	490086.72, 3860185.12	0.0709	0.054	0.06829	1.09E-03	3.93E-06	1.83E-03	0.002923	1.11E-03	3.87E-06	2.04E-03	3.15E-03	1.06E-03	4.91E-06	3.91E-03	4.97E-03
695	490136.72, 3860185.12	0.07051	0.05371	0.06796	1.08E-03	3.91E-06	1.82E-03	0.002909	1.11E-03	3.85E-06	2.03E-03	3.14E-03	1.05E-03	4.89E-06	3.89E-03	4.95E-03
696	490186.72, 3860185.12	0.07007	0.05338	0.06759	1.08E-03	3.89E-06	1.81E-03	0.002892	1.10E-03	3.82E-06	2.02E-03	3.12E-03	1.04E-03	4.86E-06	3.87E-03	4.92E-03
697	490236.72, 3860185.12	0.0696	0.053	0.06715	1.07E-03	3.86E-06	1.80E-03	0.002873	1.09E-03	3.80E-06	2.00E-03	3.10E-03	1.04E-03	4.82E-06	3.85E-03	4.89E-03
698	490286.72, 3860185.12	0.06916	0.05264	0.06674	1.06E-03	3.83E-06	1.79E-03	0.002855	1.08E-03	3.77E-06	1.99E-03	3.08E-03	1.03E-03	4.79E-06	3.82E-03	4.86E-03
699	490336.72, 3860185.12	0.06875	0.05229	0.06636	1.05E-03	3.81E-06	1.78E-03	0.002839	1.08E-03	3.75E-06	1.98E-03	3.06E-03	1.02E-03	4.76E-06	3.80E-03	4.83E-03
700	490386.72, 3860185.12	0.06839	0.05196	0.06602	1.05E-03	3.78E-06	1.77E-03	0.002824	1.07E-03	3.72E-06	1.97E-03	3.05E-03	1.02E-03	4.73E-06	3.78E-03	4.81E-03
701	490436.72, 3860185.12	0.06807	0.05165	0.06573	1.04E-03	3.76E-06	1.76E-03	0.002811	1.07E-03	3.70E-06	1.96E-03	3.03E-03	1.01E-03	4.70E-06	3.77E-03	4.78E-03
702	490486.72, 3860185.12	0.0678	0.05137	0.06548	1.04E-03	3.74E-06	1.76E-03	0.0028	1.06E-03	3.68E-06	1.95E-03	3.02E-03	1.01E-03	4.67E-06	3.75E-03	4.77E-03
703	490536.72, 3860185.12	0.06761	0.05115	0.06532	1.04E-03	3.72E-06	1.75E-03	0.002793	1.06E-03	3.67E-06	1.95E-03	3.01E-03	1.01E-03	4.65E-06	3.74E-03	4.75E-03
704	490586.72, 3860185.12	0.06753	0.05099	0.06526	1.04E-03	3.71E-06	1.75E-03	0.00279	1.06E-03	3.65E-06	1.95E-03	3.01E-03	1.01E-03	4.64E-06	3.74E-03	4.75E-03
705	490636.72, 3860185.12	0.06743	0.05081	0.06516	1.03E-03	3.70E-06	1.75E-03	0.002786	1.06E-03	3.64E-06	1.94E-03	3.00E-03	1.00E-03	4.62E-06	3.73E-03	4.74E-03
706	490686.72, 3860185.12	0.06745	0.0507	0.06518	1.04E-03	3.69E-06	1.75E-03	0.002787	1.06E-03	3.63E-06	1.94E-03	3.01E-03	1.00E-03	4.61E-06	3.73E-03	4.74E-03
707	490736.72, 3860185.12	0.06745	0.05057	0.06516	1.04E-03	3.68E-06	1.75E-03	0.002786	1.06E-03	3.62E-06	1.94E-03	3.01E-03	1.00E-03	4.60E-06	3.73E-03	4.74E-03
708	490786.72, 3860185.12	0.06758	0.05054	0.06529	1.04E-03	3.68E-06	1.75E-03	0.002792	1.06E-03	3.62E-06	1.95E-03	3.01E-03	1.01E-03	4.60E-06	3.74E-03	4.75E-03
709	490836.72, 3860185.12	0.06774	0.05054	0.06545	1.04E-03	3.68E-06	1.76E-03	0.002799	1.06E-03	3.62E-06	1.95E-03	3.02E-03	1.01E-03	4.60E-06	3.75E-03	4.76E-03
710	490086.72, 3860235.12	0.0693	0.05308	0.06686	1.06E-03	3.86E-06	1.79E-03	0.002861	1.09E-03	3.80E-06	1.99E-03	3.08E-03	1.03E-03	4.83E-06	3.83E-03	4.87E-03
711	490136.72, 3860235.12	0.06888	0.05279	0.06649	1.06E-03	3.84E-06	1.78E-03	0.002844	1.08E-03	3.78E-06	1.98E-03	3.07E-03	1.03E-03	4.80E-06	3.81E-03	4.84E-03
712	490186.72, 3860235.12	0.06846	0.05247	0.06612	1.05E-03	3.82E-06	1.77E-03	0.002828	1.07E-03	3.76E-06	1.97E-03	3.05E-03	1.02E-03	4.77E-06	3.79E-03	4.81E-03
713	490236.72, 3860235.12	0.06801	0.05212	0.0657	1.04E-03	3.79E-06	1.76E-03	0.00281	1.07E-03	3.73E-06	1.96E-03	3.03E-03	1.01E-03	4.74E-06	3.76E-03	4.78E-03
714	490286.72, 3860235.12	0.06755	0.05176	0.06528	1.04E-03	3.77E-06	1.75E-03	0.002791	1.06E-03	3.71E-06	1.95E-03	3.01E-03	1.01E-03	4.71E-06	3.74E-03	4.75E-03
715	490336.72, 3860235.12	0.06712	0.0514	0.06488	1.03E-03	3.74E-06	1.74E-03	0.002774	1.05E-03	3.68E-06	1.94E-03	2.99E-03	1.00E-03	4.68E-06	3.72E-03	4.72E-03
716	490386.72, 3860235.12	0.06672	0.05106	0.06451	1.02E-03	3.72E-06	1.73E-03	0.002758	1.05E-03	3.66E-06	1.92E-03	2.97E-03	9.94E-04	4.64E-06	3.70E-03	4.69E-03
717	490436.72, 3860235.12	0.06637	0.05074	0.06419	1.02E-03	3.69E-06	1.72E-03	0.002744	1.04E-03	3.64E-06	1.91E-03	2.96E-03	9.89E-04	4.62E-06	3.68E-03	4.67E-03
718	490486.72, 3860235.12	0.06603	0.05043	0.06388	1.01E-03	3.67E-06	1.71E-03	0.00273	1.04E-03	3.61E-06	1.91E-03	2.94E-03	9.84E-04	4.59E-06	3.66E-03	4.65E-03
719	490536.72, 3860235.12	0.06578	0.05018	0.06365	1.01E-03	3.65E-06	1.71E-03	0.00272	1.03E-03	3.60E-06	1.90E-03	2.93E-03	9.80E-04	4.56E-06	3.65E-03	4.63E-03
720	490586.72, 3860235.12	0.06559	0.04996	0.06349	1.01E-03	3.64E-06	1.70E-03	0.002713	1.03E-03	3.58E-06	1.89E-03	2.93E-03	9.77E-04	4.54E-06	3.64E-03	4.62E-03
721	490636.72, 3860235.12	0.06545	0.04976	0.06336	1.00E-03	3.62E-06	1.70E-03	0.002707	1.03E-03	3.57E-06	1.89E-03	2.92E-03	9.75E-04	4.53E-06	3.63E-03	4.61E-03
722	490686.72, 3860235.12	0.06536	0.0496	0.06329	1.00E-03	3.61E-06	1.70E-03	0.002704	1.02E-03	3.55E-06	1.89E-03	2.92E-03	9.74E-04	4.51E-06	3.63E-03	4.60E-03
723	490736.72, 3860235.12	0.06531	0.04946	0.06324	1.00E-03	3.60E-06	1.70E-03	0.002702	1.02E-03	3.54E-06	1.89E-03	2.91E-03	9.73E-04	4.50E-06	3.62E-03	4.60E-03
724	490786.72, 3860235.12	0.06531	0.04934	0.06323	1.00E-03	3.59E-06	1.70E-03	0.002702	1.02E-03	3.54E-06	1.89E-03	2.91E-03	9.73E-04	4.49E-06	3.62E-03	4.60E-03
725	490086.72, 3860285.12	0.06773	0.05214	0.06543	1.04E-03	3.80E-06	1.75E-03	0.002798	1.06E-03	3.74E-06	1.95E-03	3.02E-03	1.01E-03	4.74E-06	3.75E-03	4.76E-03
726	490136.72, 3860285.12	0.06736	0.05189	0.06511	1.03E-03	3.78E-06	1.75E-03	0.002784	1.06E-03	3.72E-06	1.94E-03	3.00E-03	1.00E-03	4.72E-06	3.73E-03	4.74E-03
727	490186.72, 3860285.12	0.06693	0.05158	0.06472	1.03E-03	3.75E-06	1.74E-03	0.002767	1.05E-03	3.70E-06	1.93E-03	2.98E-03	9.97E-04	4.69E-06	3.71E-03	4.71E-03
728	490236.72, 3860285.12	0.06652	0.05128	0.06435	1.02E-03	3.73E-06	1.73E-03	0.00275	1.04E-03	3.67E-06	1.92E-03	2.97E-03	9.91E-04	4.66E-06	3.69E-03	4.68E-03
729	490286.72, 3860285.12	0.06605	0.05091	0.06391	1.01E-03	3.71E-06	1.71E-03	0.002731	1.04E-03	3.65E-06	1.91E-03	2.95E-03	9.84E-04	4.63E-06	3.66E-03	4.65E-03
730	490336.72, 3860285.12	0.0656	0.05055	0.06349	1.01E-03	3.68E-06	1.70E-03	0.002713	1.03E-03	3.62E-06	1.89E-03	2.93E-03	9.77E-04	4.60E-06	3.64E-03	4.62E-03
731	490386.72, 3860285.12	0.0652	0.05023	0.06313	1.00E-03	3.66E-06	1.69E-03	0.002697	1.02E-03	3.60E-06	1.88E-03	2.91E-03	9.71E-04	4.57E-06	3.62E-03	4.59E-03
732	490436.72, 3860285.12	0.0648	0.04989	0.06276	9.94E-04	3.63E-06	1.68E-03	0.002681	1.02E-03	3.57E-06	1.87E-03	2.89E-03	9.65E-04	4.54E-06	3.60E-03	4.57E-03
733	490486.72, 3860285.12	0.06445	0.04957	0.06243	9.89E-04	3.61E-06	1.67E-03	0.002667	1.01E-03	3.55E-06	1.86E-03	2.88E-03	9.60E-04	4.51E-06	3.58E-03	4.54E-03
734	490536.72, 3860285.12	0.06411	0.04927	0.06212	9.84E-04	3.59E-06	1.67E-03	0.002653	1.01E-03	3.53E-06	1.85E-03	2.86E-03	9.55E-04	4.48E-06	3.56E-03	4.52E-03
735	490586.72, 3860285.12	0.06384	0.049	0.06186	9.80E-04	3.57E-06	1.66E-03	0.002642	1.00E-03	3.51E-06	1.85E-03	2.85E-03	9.51E-04	4.46E-06	3.54E-03	4.50E-03
736	490636.72, 3860285.12	0.06363	0.04878	0.06168	9.76E-04	3.55E-06	1.65E-03	0.002634	9.98E-04	3.50E-06	1.84E-03	2.84E-03	9.48E-04	4.44E-06	3.53E-03	4.49E-03
737	490686.72, 3860285.12	0.06349	0.04859	0.06157	9.74E-04	3.54E-06	1.65E-03	0.002629	9.95E-04	3.48E-06	1.84E-03	2.84E-03	9.46E-04	4.42E-06	3.53E-03	4.48E-03
738	490736.72, 3860285.12	0.06338	0.04842	0.06147	9.73E-04	3.52E-06	1.65E-03	0.002625	9.94E-04	3.47E-06	1.83E-03	2.83E-03	9.44E-04	4.40E-06	3.52E-03	4.47E-03
739	490786.72, 3860285.12	0.06333	0.04829	0.06143	9.72E-04	3.52E-06	1.65E-03	0.002623	9.93E-04	3.46E-06	1.83E-03	2.83E-03	9.43E-04	4.39E-06	3.52E-03	4.47E-03
740	490086.72, 3860335.12	0.06621	0.05119	0.06402	1.02E-03	3.73E-06	1.72E-03	0.002737	1.04E-03	3.67E-06	1.91E-03	2.95E-03	9.86E-04	4.66E-06	3.67E-03	4.66E-03
741	490136.72, 3860335.12	0.06588	0.05099	0.06376	1.01E-03	3.71E-06	1.71E-03	0.002725	1.03E-03	3.65E-06	1.90E-03	2.94E-03	9.81E-04	4.64E-06	3.65E-03	4.64E-03
742	490186.72, 3860335.12	0.06548	0.05072	0.0634	1.00E-03	3.69E-06	1.70E-03	0.002709	1.03E-03	3.63E-06	1.89E-03	2.92E-03	9.75E-04	4.61E-06	3.63E-03	4.61E-03
743	490236.72, 3860335.12	0.0651	0.05045	0.06307	9.99E-04	3.67E-06	1.69E-03	0.002694	1.02E-03	3.61E-06	1.88E-03	2.91E-03	9.70E-04	4.59E-06	3.61E-03	4.59E-03
744	490286.72, 3860335.12	0.06465	0.05011	0.06264	9.92E-04	3.65E-06	1.68E-03	0.002676	1.01E-03	3.59E-06	1.87E-03	2.89E-03	9.63E-04	4.56E-06	3.59E-03	4.56E-03
745	490336.72, 3860335.12	0.0642	0.04975	0.06221	9.85E-04	3.62E-06	1.67E-03	0.002657	1.01E-03	3.56E-06	1.86E-03	2.87E-03	9.56E-04	4.53E-06	3.56E-03	4.52E-03
746	490386.72, 3860335.12	0.06377	0.04942	0.06182	9.79E-04	3.60E-06	1.66E-03	0.00264	1.00E-03	3.54E-06	1.84E-03	2.85E-03	9.50E-04	4.50E-06	3.54E-03	4.50E-03
747	490436.72, 3860335.12	0.06337	0.04908	0.06144	9.72E-04	3.57E-06	1.65E-03	0.002624	9.94E-04	3.52E-06	1.83E-03	2.83E-03	9.44E-04	4.46E-06	3.52E-03	4.47E-03
748	490486.72, 3860335.12	0.06297	0.04875	0.06107	9.66E-04	3.55E-06	1.64E-03	0.002608	9.87E-04	3.49E-06	1.82E-03	2.81E-03	9.38E-04	4.43E-06	3.50E-03	4.44E-03
749	490536.72, 3860335.12	0.06264	0.04846	0.06077	9.61E-04	3.53E-06	1.63E-03	0.002595	9.82E-04	3.47E-06	1.81E-03	2.80E-03	9.33E-04	4.41E-06	3.48E-03	4.42E-03
750	490586.72, 3860335.12	0.0623	0.04816	0.06045	9.56E-04	3.51E-06	1.62E-03	0.002581	9.77E-04	3.45E-06	1.80E-03	2.78E-03	9.28E-04	4.38E-06	3.46E-03	4.40E-03
751	490636.72, 3860335.12	0.06203	0.0479	0.06021	9.52E-04	3.49E-06	1.61E-03	0.00257	9.73E-04	3.43E-06	1.80E-03	2.77E-03	9.24E-04	4.36E-06	3.45E-03	4.38E-03
752	490686.72, 3860335.12	0.06182	0.04767	0.06002	9.49E-04	3.47E-06	1.61E-03	0.002562	9.69E-04	3.42E-06	1.79E-03	2.76E-03	9.21E-04	4.34E-06	3.44E-03	4.36E-03
753	490736.72, 3860335.12	0.06165	0.04748	0.05987	9.46E-04	3.46E-06	1.61E-03	0.002555	9.67E-04	3.40E-06	1.79E-03	2.76E-03	9.18E-04	4.32E-06	3.43E-03	4.35E-03
754	490786.72, 3860335.12	0.06157	0.04734	0.05982	9.45E-04	3.45E-06	1.60E-03	0.002553	9.65E-04	3.39E-06	1.78E-03	2.75E-03	9.17E-04	4.31E-06	3.43E-03	4.35E-03
755	490086.72, 3860385.12	0.06474	0.05026	0.06266	9.93E-04	3.66E-06	1.68E-03	0.002678	1.02E-03	3.60E-06	1.87E-03	2.89E-03	9.64E-04	4.57E-06	3.59E-03	4.56E-03
756	490136.72, 3860385.12	0.06446	0.0501	0.06244	9.89E-04	3.65E-06	1.67E-03	0.002667	1.01E-03	3.59E-06	1.86E-03	2.88E-03	9.60E-04	4.56E-06	3.58E-03	4.54E-03
757	490186.72, 3860385.12	0.06407	0.04984	0.06209	9.83E-04	3.63E-06	1.67E-03	0.002652	1.00E-03	3.57E-06	1.85E-03	2.86E-03	9.54E-04	4.53E-06	3.56E-03	4.52E-03
758	490236.72, 3860385.12	0.0637	0.0496	0.06178	9.77E-04	3.61E-06	1.66E-03	0.002638	9.99E-04	3.55E-06	1.84E-03	2.85E-03	9.49E-04	4.51E-06	3.54E-03	4.49E-03
759	490286.72, 3860385.12	0.06329	0.0493	0.06139	9.71E-04	3.59E-06	1.65E-03	0.002621	9.92E-04	3.53E-06	1.83E-03	2.83E-03	9.43E-04	4.48E-06	3.52E-03	4.46E-03
760	490336.72, 3860385.12	0.06287	0.04898	0.061	9.65E-04	3.57E-06	1.64E-03	0.002604	9.86E-04	3.51E-06	1.82E-03	2.81E-03	9.37E-04	4.46E-06	3.49E-03	4.44E-03
761	490386.72, 3860385.12	0.06244	0.04864	0.06059	9.58E-04	3.54E-06	1.63E-03	0.002587	9.79E-04	3.49E-06	1.81E-03	2.79E-03	9.30E-04	4.42E-06	3.47E-03	4.41E-03
762	490436.72, 3860385.12	0.06202	0.04831	0.0602	9.52E-04	3.52E-06	1.61E-03	0.00257	9.72E-04	3.46E-06	1.80E-03	2.77E-03	9.24E-04	4.39E-06	3.45E-03	4.38E-03
763	490486.72, 3860385.12	0.06164	0.048	0.05985	9.46E-04	3.49E-06	1.61E-03	0.002555	9.66E-04	3.44E-06	1.79E-03	2.76E-03	9.18E-04	4.37E-06	3.43E-03	4.35E-03
764	490536.72, 3860385.12	0.06127	0.04769	0.05951	9.40E-04	3.47E-06	1.60E-03	0.00254	9.61E-04	3.42E-06	1.78E-03	2.74E-03	9.13E-04	4.34E-06	3.41E-03	4.33E-03
765	490586.72, 3860385.12	0.06092	0.04739	0.05918	9.35E-04	3.45E-06	1.59E-03	0.002526	9.55E-04	3.40E-06	1.77E-03	2.72E-03	9.08E-04	4.31E-06	3.39E-03	4.30E-03
766	490636.72, 3860385.12	0.06059	0.0471	0.05888	9.30E-04	3.43E-06	1.58E-03	0.002512	9.50E-04	3.37E-06	1.76E-03	2.71E-03	9.03E-04	4.28E-06	3.37E-03	4.28E-03
767	490686.72, 3860385.12	0.06034	0.04685	0.05865	9.26E-04	3.41E-06	1.57E-03	0.002502	9.46E-04	3.36E-06	1.75E-03	2.70E-03	8.99E-04	4.26E-06	3.36E-03	4.26E-03
768	490736.72, 3860385.12	0.06009	0.04661	0.05843	9.22E-04	3.39E-06	1.57E-03	0.002493	9.42E-04	3.34E-06	1.74E-03	2.69E-03	8.95E-04	4.24E-06	3.35E-03	4.25E-03
769	490786.72, 3860385.12	0.05991	0.04641	0.05827	9.19E-04	3.38E-06	1.56E-03	0.002486	9.39E-04	3.33E-06	1.74E-03	2.68E-03	8.92E-04	4.22E-06	3.34E-03	4.23E-03
770	490136.72, 3860435.12	0.06302	0.04916	0.06109	9.67E-04	3.58E-06	1.64E-03	0.002609	9.88E-04	3.52E-06	1.82E-03	2.81E-03	9.39E-04	4.47E-06	3.50E-03	4.44E-03
771	490186.72, 3860435.12	0.06272	0.04899	0.06085	9.62E-04	3.57E-06	1.63E-03	0.002598	9.83E-04	3.51E-06	1.82E-03	2.80E-03	9.34E-04	4.46E-06	3.49E-03	4.42E-03
772	490236.72, 3860435.12	0.06237	0.04876	0.06054	9.57E-04	3.55E-06	1.62E-03	0.002584	9.78E-04	3.49E-06	1.81E-03	2.79E-03	9.29E-04	4.44E-06	3.47E-03	4.40E-03
773	490286.72, 3860435.12	0.06199	0.0485	0.06019	9.51E-04	3.53E-06	1.61E-03	0.002569	9.72E-04	3.48E-06	1.80E-03	2.77E-03	9.23E-04	4.41E-06	3.45E-03	4.38E-03
774	490336.72, 3860435.12	0.06156	0.04819	0.05979	9.45E-04	3.51E-06	1.60E-03	0.002552	9.65E-04	3.45E-06	1.78E-03	2.75E-03	9.17E-04	4.38E-06	3.43E-03	4.35E-03
775	490386.72, 3860435.12	0.06116	0.04789	0.05942	9.39E-04	3.49E-06	1.59E-03	0.002536	9.59E-04	3.43E-06	1.77E-03	2.74E-03	9.11E-04	4.36E-06	3.40E-03	4.32E-03
776	490436.72, 3860435.12	0.06076	0.04757	0.05904	9.32E-04	3.46E-06	1.58E-03	0.002519	9.53E-04	3.41E-06	1.76E-03	2.72E-03	9.05E-04	4.33E-06	3.38E-03	4.29E-03
777	490486.72, 3860435.12	0.06036	0.04725	0.05866	9.26E-04	3.44E-06	1.57E-03	0.002503	9.46E-04	3.39E-06	1.75E-03	2.70E-03	8.99E-04	4.30E-06	3.36E-03	4.26E-03
778	490536.72, 3860435.12	0.05999	0.04695	0.05832	9.21E-04	3.42E-06	1.56E-03	0.002488	9.41E-04	3.36E-06	1.74E-03	2.68E-03	8.94E-04	4.27E-06	3.34E-03	4.24E-03
779	490586.72, 3860435.12	0.05961	0.04664	0.05797	9.15E-04	3.40E-06	1.55E-03	0.002473	9.35E-04	3.34E-06	1.73E-03	2.67E-03	8.88E-04	4.24E-06	3.32E-03	4.21E-03
780	490636.72, 3860435.12	0.05926	0.04633	0.05764	9.09E-04	3.37E-06	1.55E-03	0.002459	9.29E-04	3.32E-06	1.72E-03	2.65E-03	8.83E-04	4.21E-06	3.30E-03	4.19E-03

781	490686.72, 3860435.12	0.05896	0.04607	0.05737	9.05E-04	3.35E-06	1.54E-03	0.002447	9.24E-04	3.30E-06	1.71E-03	2.64E-03	8.78E-04	4.19E-06	3.29E-03	4.17E-03
782	490736.72, 3860435.12	0.05871	0.04584	0.05715	9.01E-04	3.34E-06	1.53E-03	0.002437	9.21E-04	3.28E-06	1.70E-03	2.63E-03	8.75E-04	4.17E-06	3.27E-03	4.15E-03
783	490786.72, 3860435.12	0.05846	0.0456	0.05692	8.97E-04	3.32E-06	1.53E-03	0.002427	9.17E-04	3.27E-06	1.70E-03	2.62E-03	8.71E-04	4.15E-06	3.26E-03	4.14E-03
784	490136.72, 3860485.12	0.06169	0.04828	0.05984	9.47E-04	3.51E-06	1.60E-03	0.002555	9.67E-04	3.46E-06	1.79E-03	2.76E-03	9.19E-04	4.39E-06	3.43E-03	4.35E-03
785	490186.72, 3860485.12	0.0614	0.04812	0.05961	9.42E-04	3.50E-06	1.60E-03	0.002544	9.63E-04	3.45E-06	1.78E-03	2.74E-03	9.15E-04	4.38E-06	3.41E-03	4.33E-03
786	490236.72, 3860485.12	0.06106	0.04791	0.05931	9.37E-04	3.49E-06	1.59E-03	0.002531	9.57E-04	3.43E-06	1.77E-03	2.73E-03	9.10E-04	4.36E-06	3.40E-03	4.31E-03
787	490286.72, 3860485.12	0.06073	0.0477	0.05903	9.32E-04	3.47E-06	1.58E-03	0.002519	9.52E-04	3.42E-06	1.76E-03	2.72E-03	9.05E-04	4.34E-06	3.38E-03	4.29E-03
788	490336.72, 3860485.12	0.06034	0.04743	0.05866	9.26E-04	3.45E-06	1.57E-03	0.002503	9.46E-04	3.40E-06	1.75E-03	2.70E-03	8.99E-04	4.31E-06	3.36E-03	4.26E-03
789	490386.72, 3860485.12	0.05996	0.04716	0.05832	9.20E-04	3.43E-06	1.56E-03	0.002488	9.40E-04	3.38E-06	1.74E-03	2.68E-03	8.93E-04	4.29E-06	3.34E-03	4.24E-03
790	490436.72, 3860485.12	0.05961	0.04689	0.058	9.15E-04	3.41E-06	1.56E-03	0.002474	9.35E-04	3.36E-06	1.73E-03	2.67E-03	8.88E-04	4.27E-06	3.32E-03	4.21E-03
791	490486.72, 3860485.12	0.05919	0.04657	0.0576	9.08E-04	3.39E-06	1.54E-03	0.002457	9.28E-04	3.34E-06	1.72E-03	2.65E-03	8.82E-04	4.24E-06	3.30E-03	4.19E-03
792	490536.72, 3860485.12	0.05878	0.04624	0.0572	9.02E-04	3.37E-06	1.53E-03	0.002439	9.22E-04	3.31E-06	1.71E-03	2.63E-03	8.76E-04	4.21E-06	3.28E-03	4.16E-03
793	490586.72, 3860485.12	0.05839	0.04592	0.05683	8.96E-04	3.34E-06	1.52E-03	0.002424	9.16E-04	3.29E-06	1.70E-03	2.61E-03	8.70E-04	4.18E-06	3.26E-03	4.13E-03
794	490636.72, 3860485.12	0.05804	0.04563	0.05652	8.91E-04	3.32E-06	1.52E-03	0.00241	9.10E-04	3.27E-06	1.69E-03	2.60E-03	8.65E-04	4.15E-06	3.24E-03	4.11E-03
795	490686.72, 3860485.12	0.05769	0.04533	0.05618	8.85E-04	3.30E-06	1.51E-03	0.002395	9.05E-04	3.25E-06	1.68E-03	2.58E-03	8.59E-04	4.12E-06	3.22E-03	4.08E-03
796	490736.72, 3860485.12	0.0574	0.04507	0.05592	8.81E-04	3.28E-06	1.50E-03	0.002384	9.00E-04	3.23E-06	1.67E-03	2.57E-03	8.55E-04	4.10E-06	3.20E-03	4.06E-03
797	490786.72, 3860485.12	0.05714	0.04483	0.05568	8.77E-04	3.26E-06	1.49E-03	0.002373	8.96E-04	3.21E-06	1.66E-03	2.56E-03	8.51E-04	4.08E-06	3.19E-03	4.04E-03
798	490136.72, 3860535.12	0.06035	0.04736	0.05858	9.26E-04	3.45E-06	1.57E-03	0.002501	9.46E-04	3.39E-06	1.75E-03	2.70E-03	8.99E-04	4.31E-06	3.36E-03	4.26E-03
799	490186.72, 3860535.12	0.06019	0.04732	0.0585	9.24E-04	3.44E-06	1.57E-03	0.002496	9.44E-04	3.39E-06	1.75E-03	2.69E-03	8.97E-04	4.30E-06	3.35E-03	4.25E-03
800	490236.72, 3860535.12	0.05981	0.04708	0.05814	9.18E-04	3.43E-06	1.56E-03	0.002481	9.38E-04	3.37E-06	1.73E-03	2.68E-03	8.91E-04	4.28E-06	3.33E-03	4.23E-03
801	490286.72, 3860535.12	0.05947	0.04688	0.05784	9.13E-04	3.41E-06	1.55E-03	0.002467	9.32E-04	3.36E-06	1.73E-03	2.66E-03	8.86E-04	4.26E-06	3.31E-03	4.20E-03
802	490336.72, 3860535.12	0.05915	0.04667	0.05756	9.08E-04	3.40E-06	1.54E-03	0.002455	9.27E-04	3.34E-06	1.72E-03	2.65E-03	8.81E-04	4.25E-06	3.30E-03	4.18E-03
803	490386.72, 3860535.12	0.05883	0.04645	0.05728	9.03E-04	3.38E-06	1.54E-03	0.002442	9.22E-04	3.33E-06	1.71E-03	2.63E-03	8.76E-04	4.23E-06	3.28E-03	4.16E-03
804	490436.72, 3860535.12	0.05849	0.04621	0.05697	8.98E-04	3.36E-06	1.53E-03	0.002429	9.17E-04	3.31E-06	1.70E-03	2.62E-03	8.71E-04	4.20E-06	3.26E-03	4.14E-03
805	490486.72, 3860535.12	0.05811	0.04593	0.05662	8.92E-04	3.34E-06	1.52E-03	0.002414	9.11E-04	3.29E-06	1.69E-03	2.60E-03	8.66E-04	4.18E-06	3.24E-03	4.11E-03
806	490536.72, 3860535.12	0.05784	0.04572	0.05638	8.88E-04	3.33E-06	1.51E-03	0.002403	9.07E-04	3.28E-06	1.68E-03	2.59E-03	8.62E-04	4.16E-06	3.23E-03	4.10E-03
807	490586.72, 3860535.12	0.0573	0.04528	0.05583	8.79E-04	3.30E-06	1.50E-03	0.00238	8.98E-04	3.24E-06	1.67E-03	2.57E-03	8.54E-04	4.12E-06	3.20E-03	4.06E-03
808	490636.72, 3860535.12	0.0569	0.04496	0.05546	8.73E-04	3.27E-06	1.49E-03	0.002364	8.92E-04	3.22E-06	1.65E-03	2.55E-03	8.48E-04	4.09E-06	3.18E-03	4.03E-03
809	490686.72, 3860535.12	0.05656	0.04467	0.05513	8.68E-04	3.25E-06	1.48E-03	0.00235	8.87E-04	3.20E-06	1.64E-03	2.53E-03	8.43E-04	4.06E-06	3.16E-03	4.00E-03
810	490736.72, 3860535.12	0.05621	0.04438	0.05481	8.63E-04	3.23E-06	1.47E-03	0.002336	8.81E-04	3.18E-06	1.64E-03	2.52E-03	8.37E-04	4.04E-06	3.14E-03	3.98E-03
811	490786.72, 3860535.12	0.05593	0.04413	0.05455	8.58E-04	3.21E-06	1.46E-03	0.002325	8.77E-04	3.16E-06	1.63E-03	2.51E-03	8.33E-04	4.01E-06	3.12E-03	3.96E-03
812	490136.72, 3860585.12	0.05912	0.0465	0.05742	9.07E-04	3.38E-06	1.54E-03	0.002451	9.27E-04	3.33E-06	1.71E-03	2.64E-03	8.81E-04	4.23E-06	3.29E-03	4.17E-03
813	490186.72, 3860585.12	0.05867	0.04623	0.05699	9.00E-04	3.37E-06	1.53E-03	0.002432	9.20E-04	3.31E-06	1.70E-03	2.62E-03	8.74E-04	4.21E-06	3.26E-03	4.14E-03
814	490236.72, 3860585.12	0.05851	0.04618	0.05689	8.98E-04	3.36E-06	1.53E-03	0.002427	9.17E-04	3.31E-06	1.70E-03	2.62E-03	8.72E-04	4.20E-06	3.26E-03	4.13E-03
815	490286.72, 3860585.12	0.05828	0.04607	0.05672	8.94E-04	3.35E-06	1.52E-03	0.002419	9.14E-04	3.30E-06	1.69E-03	2.61E-03	8.68E-04	4.19E-06	3.25E-03	4.12E-03
816	490336.72, 3860585.12	0.05797	0.04589	0.05646	8.90E-04	3.34E-06	1.51E-03	0.002407	9.09E-04	3.29E-06	1.68E-03	2.60E-03	8.64E-04	4.17E-06	3.23E-03	4.10E-03
817	490386.72, 3860585.12	0.05765	0.04568	0.05616	8.85E-04	3.33E-06	1.51E-03	0.002394	9.04E-04	3.27E-06	1.68E-03	2.58E-03	8.59E-04	4.16E-06	3.22E-03	4.08E-03
818	490436.72, 3860585.12	0.05744	0.04556	0.05602	8.81E-04	3.32E-06	1.50E-03	0.002387	9.01E-04	3.26E-06	1.67E-03	2.58E-03	8.56E-04	4.14E-06	3.21E-03	4.07E-03
819	490486.72, 3860585.12	0.05719	0.04539	0.05581	8.78E-04	3.30E-06	1.50E-03	0.002378	8.97E-04	3.25E-06	1.66E-03	2.56E-03	8.52E-04	4.13E-06	3.20E-03	4.05E-03
820	490536.72, 3860585.12	0.05678	0.04507	0.05541	8.71E-04	3.28E-06	1.49E-03	0.002361	8.90E-04	3.23E-06	1.65E-03	2.55E-03	8.46E-04	4.10E-06	3.17E-03	4.02E-03
821	490586.72, 3860585.12	0.05619	0.0446	0.0548	8.62E-04	3.25E-06	1.47E-03	0.002335	8.81E-04	3.20E-06	1.63E-03	2.52E-03	8.37E-04	4.06E-06	3.14E-03	3.98E-03
822	490636.72, 3860585.12	0.05583	0.04431	0.05446	8.57E-04	3.23E-06	1.46E-03	0.002321	8.75E-04	3.17E-06	1.62E-03	2.50E-03	8.32E-04	4.03E-06	3.12E-03	3.96E-03
823	490686.72, 3860585.12	0.05547	0.04402	0.05412	8.51E-04	3.20E-06	1.45E-03	0.002306	8.70E-04	3.15E-06	1.61E-03	2.49E-03	8.26E-04	4.00E-06	3.10E-03	3.93E-03
824	490736.72, 3860585.12	0.05512	0.04374	0.05379	8.46E-04	3.18E-06	1.44E-03	0.002292	8.64E-04	3.13E-06	1.60E-03	2.47E-03	8.21E-04	3.98E-06	3.08E-03	3.91E-03
825	490786.72, 3860585.12	0.05479	0.04345	0.05347	8.41E-04	3.16E-06	1.43E-03	0.002278	8.59E-04	3.11E-06	1.60E-03	2.46E-03	8.16E-04	3.95E-06	3.06E-03	3.88E-03
826	490136.72, 3860635.12	0.05798	0.04571	0.05636	8.90E-04	3.33E-06	1.51E-03	0.002405	9.09E-04	3.28E-06	1.68E-03	2.59E-03	8.64E-04	4.16E-06	3.23E-03	4.10E-03
827	490186.72, 3860635.12	0.05765	0.04554	0.05607	8.85E-04	3.31E-06	1.50E-03	0.002392	9.04E-04	3.26E-06	1.67E-03	2.58E-03	8.59E-04	4.14E-06	3.21E-03	4.07E-03
828	490236.72, 3860635.12	0.0573	0.04534	0.05574	8.79E-04	3.30E-06	1.49E-03	0.002378	8.98E-04	3.25E-06	1.66E-03	2.56E-03	8.54E-04	4.12E-06	3.19E-03	4.05E-03
829	490286.72, 3860635.12	0.05705	0.04521	0.05554	8.75E-04	3.29E-06	1.49E-03	0.002368	8.94E-04	3.24E-06	1.66E-03	2.55E-03	8.50E-04	4.11E-06	3.18E-03	4.04E-03
830	490336.72, 3860635.12	0.05681	0.0451	0.05535	8.72E-04	3.28E-06	1.48E-03	0.00236	8.91E-04	3.23E-06	1.65E-03	2.55E-03	8.46E-04	4.10E-06	3.17E-03	4.02E-03
831	490386.72, 3860635.12	0.05654	0.04494	0.05512	8.68E-04	3.27E-06	1.48E-03	0.002349	8.86E-04	3.22E-06	1.64E-03	2.53E-03	8.42E-04	4.09E-06	3.16E-03	4.00E-03
832	490436.72, 3860635.12	0.05622	0.04473	0.05484	8.63E-04	3.26E-06	1.47E-03	0.002337	8.81E-04	3.21E-06	1.64E-03	2.52E-03	8.38E-04	4.07E-06	3.14E-03	3.98E-03
833	490486.72, 3860635.12	0.05591	0.04452	0.05456	8.58E-04	3.24E-06	1.46E-03	0.002325	8.77E-04	3.19E-06	1.63E-03	2.51E-03	8.33E-04	4.05E-06	3.13E-03	3.96E-03
834	490536.72, 3860635.12	0.05563	0.04432	0.05431	8.54E-04	3.23E-06	1.46E-03	0.002313	8.72E-04	3.18E-06	1.62E-03	2.50E-03	8.29E-04	4.03E-06	3.11E-03	3.94E-03
835	490586.72, 3860635.12	0.0552	0.04399	0.05389	8.47E-04	3.20E-06	1.45E-03	0.002296	8.65E-04	3.15E-06	1.61E-03	2.48E-03	8.22E-04	4.00E-06	3.09E-03	3.91E-03
836	490636.72, 3860635.12	0.05485	0.04372	0.05356	8.42E-04	3.18E-06	1.44E-03	0.002281	8.60E-04	3.13E-06	1.60E-03	2.46E-03	8.17E-04	3.98E-06	3.07E-03	3.89E-03
837	490686.72, 3860635.12	0.05448	0.04342	0.0532	8.36E-04	3.16E-06	1.43E-03	0.002266	8.54E-04	3.11E-06	1.59E-03	2.44E-03	8.12E-04	3.95E-06	3.05E-03	3.86E-03
838	490736.72, 3860635.12	0.05408	0.04311	0.05282	8.30E-04	3.14E-06	1.42E-03	0.00225	8.48E-04	3.09E-06	1.58E-03	2.43E-03	8.06E-04	3.92E-06	3.03E-03	3.84E-03
839	490786.72, 3860635.12	0.05375	0.04283	0.05251	8.25E-04	3.12E-06	1.41E-03	0.002236	8.43E-04	3.07E-06	1.57E-03	2.41E-03	8.01E-04	3.90E-06	3.01E-03	3.81E-03
840	490136.72, 3860685.12	0.05662	0.04471	0.05502	8.69E-04	3.25E-06	1.48E-03	0.002348	8.88E-04	3.20E-06	1.64E-03	2.53E-03	8.43E-04	4.07E-06	3.15E-03	4.00E-03
841	490186.72, 3860685.12	0.05666	0.04486	0.05517	8.69E-04	3.27E-06	1.48E-03	0.002352	8.88E-04	3.21E-06	1.65E-03	2.54E-03	8.44E-04	4.08E-06	3.16E-03	4.01E-03
842	490236.72, 3860685.12	0.05628	0.04463	0.0548	8.64E-04	3.25E-06	1.47E-03	0.002337	8.82E-04	3.20E-06	1.63E-03	2.52E-03	8.38E-04	4.06E-06	3.14E-03	3.98E-03
843	490286.72, 3860685.12	0.05582	0.04434	0.05435	8.57E-04	3.23E-06	1.46E-03	0.002317	8.75E-04	3.18E-06	1.62E-03	2.50E-03	8.32E-04	4.03E-06	3.11E-03	3.95E-03
844	490336.72, 3860685.12	0.05568	0.0443	0.05427	8.54E-04	3.22E-06	1.46E-03	0.002313	8.73E-04	3.17E-06	1.62E-03	2.50E-03	8.29E-04	4.03E-06	3.11E-03	3.94E-03
845	490386.72, 3860685.12	0.05544	0.04418	0.05408	8.51E-04	3.22E-06	1.45E-03	0.002304	8.69E-04	3.17E-06	1.61E-03	2.49E-03	8.26E-04	4.02E-06	3.10E-03	3.93E-03
846	490436.72, 3860685.12	0.05512	0.04398	0.05379	8.46E-04	3.20E-06	1.44E-03	0.002292	8.64E-04	3.15E-06	1.60E-03	2.47E-03	8.21E-04	4.00E-06	3.08E-03	3.91E-03
847	490486.72, 3860685.12	0.05478	0.04376	0.05348	8.41E-04	3.19E-06	1.43E-03	0.002278	8.59E-04	3.14E-06	1.60E-03	2.46E-03	8.16E-04	3.98E-06	3.06E-03	3.88E-03
848	490536.72, 3860685.12	0.05449	0.04356	0.05322	8.36E-04	3.17E-06	1.43E-03	0.002267	8.54E-04	3.12E-06	1.59E-03	2.45E-03	8.12E-04	3.96E-06	3.05E-03	3.86E-03
849	490586.72, 3860685.12	0.05417	0.04333	0.05292	8.31E-04	3.15E-06	1.42E-03	0.002254	8.49E-04	3.10E-06	1.58E-03	2.43E-03	8.07E-04	3.94E-06	3.03E-03	3.84E-03
850	490636.72, 3860685.12	0.05386	0.0431	0.05264	8.26E-04	3.14E-06	1.41E-03	0.002241	8.44E-04	3.09E-06	1.57E-03	2.42E-03	8.02E-04	3.92E-06	3.02E-03	3.82E-03
851	490686.72, 3860685.12	0.05355	0.04286	0.05235	8.22E-04	3.12E-06	1.40E-03	0.002229	8.40E-04	3.07E-06	1.56E-03	2.40E-03	7.98E-04	3.90E-06	3.00E-03	3.80E-03
852	490736.72, 3860685.12	0.05317	0.04256	0.05198	8.16E-04	3.10E-06	1.39E-03	0.002213	8.34E-04	3.05E-06	1.55E-03	2.39E-03	7.92E-04	3.87E-06	2.98E-03	3.77E-03
853	490786.72, 3860685.12	0.05288	0.04232	0.05172	8.11E-04	3.08E-06	1.39E-03	0.002202	8.29E-04	3.03E-06	1.54E-03	2.38E-03	7.88E-04	3.85E-06	2.96E-03	3.75E-03
854	490136.72, 3860735.12	0.05508	0.04355	0.05346	8.45E-04	3.17E-06	1.43E-03	0.002282	8.64E-04	3.12E-06	1.59E-03	2.46E-03	8.21E-04	3.96E-06	3.06E-03	3.89E-03
855	490186.72, 3860735.12	0.05493	0.04353	0.05337	8.43E-04	3.17E-06	1.43E-03	0.002277	8.61E-04	3.12E-06	1.59E-03	2.46E-03	8.18E-04	3.96E-06	3.06E-03	3.88E-03
856	490236.72, 3860735.12	0.0548	0.04351	0.0533	8.41E-04	3.17E-06	1.43E-03	0.002274	8.59E-04	3.12E-06	1.59E-03	2.45E-03	8.16E-04	3.96E-06	3.05E-03	3.87E-03
857	490286.72, 3860735.12	0.05466	0.0435	0.05323	8.39E-04	3.17E-06	1.43E-03	0.00227	8.57E-04	3.12E-06	1.59E-03	2.45E-03	8.14E-04	3.96E-06	3.05E-03	3.87E-03
858	490336.72, 3860735.12	0.05448	0.04344	0.0531	8.36E-04	3.16E-06	1.42E-03	0.002263	8.54E-04	3.11E-06	1.58E-03	2.44E-03	8.12E-04	3.95E-06	3.04E-03	3.86E-03
859	490386.72, 3860735.12	0.05432	0.04338	0.053	8.34E-04	3.16E-06	1.42E-03	0.002258	8.52E-04	3.11E-06	1.58E-03	2.44E-03	8.09E-04	3.95E-06	3.04E-03	3.85E-03
860	490436.72, 3860735.12	0.05421	0.04337	0.05295	8.32E-04	3.16E-06	1.42E-03	0.002255	8.50E-04	3.11E-06	1.58E-03	2.43E-03	8.08E-04	3.95E-06	3.03E-03	3.84E-03
861	490486.72, 3860735.12	0.05387	0.04315	0.05264	8.27E-04	3.14E-06	1.41E-03	0.002242	8.45E-04	3.09E-06	1.57E-03	2.42E-03	8.03E-04	3.93E-06	3.02E-03	3.82E-03
862	490536.72, 3860735.12	0.05345	0.04285	0.05223	8.20E-04	3.12E-06	1.40E-03	0.002224	8.38E-04	3.07E-06	1.56E-03	2.40E-03	7.96E-04	3.90E-06	2.99E-03	3.79E-03
863	490586.72, 3860735.12	0.05313	0.04263	0.05193	8.15E-04	3.10E-06	1.39E-03	0.002211	8.33E-04	3.05E-06	1.55E-03	2.39E-03	7.91E-04	3.88E-06	2.97E-03	3.77E-03
864	490636.72, 3860735.12	0.05282	0.04241	0.05164	8.11E-04	3.09E-06	1.39E-03	0.002199	8.28E-04	3.04E-06	1.54E-03	2.37E-03	7.87E-04	3.86E-06	2.96E-03	3.75E-03
865	490686.72, 3860735.12	0.05256	0.04222	0.05141	8.07E-04	3.07E-06	1.38E-03	0.002188	8.24E-04	3.03E-06	1.53E-03	2.36E-03	7.83E-04	3.84E-06	2.95E-03	3.73E-03
866	490736.72, 3860735.12	0.05229	0.04201	0.05117	8.02E-04	3.06E-06	1.37E-03	0.002178	8.20E-04	3.01E-06	1.53E-03	2.35E-03	7.79E-04	3.82E-06	2.93E-03	3.71E-03
867	490136.72, 3860785.12	0.05366	0.04249	0.05204	8.23E-04	3.09E-06	1.40E-03	0.002222	8.41E-04	3.04E-06	1.55E-03	2.40E-03	7.99E-04	3.86E-06	2.98E-03	3.78E-03
868	490186.72, 3860785.12	0.05361	0.04255	0.05207	8.23E-04	3.10E-06	1.40E-03	0.002222	8.41E-04	3.05E-06	1.55E-03	2.40E-03	7.99E-04	3.87E-06	2.98E-03	3.79E-03
869	490236.72, 3860785.12	0.05352	0.04257	0.05204	8.21E-04	3.10E-06	1.40E-03	0.00222	8.39E-04	3.05E-06	1.55E-03	2.39E-03	7.97E-04	3.87E-06	2.98E-03	3.78E-03
870	490286.72, 3860785.12	0.05342	0.04257	0.052	8.20E-04	3.10E-06	1.39E-03	0.002218	8.38E-04	3.05E-06	1.55E-03	2.39E-03	7.96E-04	3.87E-06	2.98E-03	3.78E-03
871	490336.72, 3860785.12	0.05327	0.04255	0.05192	8.17E-04	3.10E-06	1.39E-03	0.002213	8.35E-04	3.05E-06	1.55E-03	2.39E-03	7.94E-04	3.87E-06	2.97E-03	3.77E-03
872	490386.72, 3860785.12	0.05319	0.04257	0.0519	8.16E-04	3.10E-06	1.39E-03	0.002211	8.34E-04	3.05E-06	1.55E-03	2.39E-03	7.92E-04	3.87E-06	2.97E-03	3.77E-03
873	490436.72, 3860785.12	0.05299	0.04248	0.05175	8.13E-04	3.09E-06	1.39E-03	0.002204	8.31E-04	3.04E-06	1.54E-03	2.38E-03	7.89E-04	3.86E-06	2.96E-03	3.76E-03
874	490486.72, 3860785.12	0.05284	0.04243	0.05165	8.11E-04	3.09E-06	1.39E-03	0.002199	8.28E-04	3.04E-06	1.54E-03	2.37E-03	7.87E-04	3.86E-06	2.96E-03	3.75E-03
875	490536.72, 3860785.12	0.05253	0.04223	0.05137	8.06E-04	3.07E-06	1.38E-03	0.002187	8.24E-04	3.03E-06	1.53E-03	2.36E-03	7.83E-04	3.84E-06	2.94E-03	3.73E-03
876	490586.72, 3860785.12	0.05213	0.04195	0.05098	8.00E-04	3.05E-06	1.37E-03	0.00217	8.17E-04	3.01E-06	1.52E-03	2.34E-03	7.77E-04	3.82E-06	2.92E-03	3.70E-03
877	490636.72, 3860785.12	0.05182	0.04174	0.05069	7.95E-04	3.04E-06	1.36E-03	0.002158	8.12E-04	2.99E-06	1.51E-03	2.33E-03	7.72E-04	3.80E-06	2.90E-03	3.68E-03
878	490686.72, 3860785.12	0.05155	0.04154	0.05045	7.91E-04	3.02E-06	1.35E-03	0.002147	8.08E-04	2.98E-06	1.51E-03	2.32E-03	7.68E-04	3.78E-06	2.89E-03	3.66E-03

879	490736.72, 3860785.12	0.05131	0.04137	0.05024	7.87E-04	3.01E-06	1.35E-03	0.002138	8.04E-04	2.96E-06	1.50E-03	2.31E-03	7.64E-04	3.76E-06	2.88E-03	3.65E-03
880	490086.72, 3860835.12	0.05236	0.04146	0.0507	8.03E-04	3.02E-06	1.36E-03	0.002166	8.21E-04	2.97E-06	1.51E-03	2.34E-03	7.80E-04	3.77E-06	2.90E-03	3.69E-03
881	490136.72, 3860835.12	0.05242	0.04158	0.05083	8.04E-04	3.03E-06	1.36E-03	0.002171	8.22E-04	2.98E-06	1.52E-03	2.34E-03	7.81E-04	3.78E-06	2.91E-03	3.70E-03
882	490186.72, 3860835.12	0.05236	0.04161	0.05083	8.03E-04	3.03E-06	1.36E-03	0.00217	8.21E-04	2.98E-06	1.52E-03	2.34E-03	7.80E-04	3.78E-06	2.91E-03	3.70E-03
883	490236.72, 3860835.12	0.05229	0.04165	0.05082	8.02E-04	3.03E-06	1.36E-03	0.002168	8.20E-04	2.98E-06	1.52E-03	2.34E-03	7.79E-04	3.79E-06	2.91E-03	3.69E-03
884	490286.72, 3860835.12	0.05223	0.04169	0.05084	8.01E-04	3.03E-06	1.36E-03	0.002168	8.19E-04	2.99E-06	1.52E-03	2.34E-03	7.78E-04	3.79E-06	2.91E-03	3.69E-03
885	490336.72, 3860835.12	0.05211	0.04168	0.05077	8.00E-04	3.03E-06	1.36E-03	0.002164	8.17E-04	2.99E-06	1.51E-03	2.33E-03	7.76E-04	3.79E-06	2.91E-03	3.69E-03
886	490386.72, 3860835.12	0.05198	0.04166	0.0507	7.98E-04	3.03E-06	1.36E-03	0.00216	8.15E-04	2.99E-06	1.51E-03	2.33E-03	7.74E-04	3.79E-06	2.90E-03	3.68E-03
887	490436.72, 3860835.12	0.05187	0.04166	0.05065	7.96E-04	3.03E-06	1.36E-03	0.002157	8.13E-04	2.99E-06	1.51E-03	2.33E-03	7.73E-04	3.79E-06	2.90E-03	3.68E-03
888	490486.72, 3860835.12	0.05172	0.0416	0.05055	7.94E-04	3.03E-06	1.36E-03	0.002152	8.11E-04	2.98E-06	1.51E-03	2.32E-03	7.70E-04	3.78E-06	2.90E-03	3.67E-03
889	490536.72, 3860835.12	0.0515	0.04149	0.05037	7.90E-04	3.02E-06	1.35E-03	0.002144	8.07E-04	2.97E-06	1.50E-03	2.31E-03	7.67E-04	3.77E-06	2.89E-03	3.66E-03
890	490586.72, 3860835.12	0.0512	0.0413	0.0501	7.86E-04	3.01E-06	1.34E-03	0.002132	8.03E-04	2.96E-06	1.49E-03	2.30E-03	7.63E-04	3.76E-06	2.87E-03	3.64E-03
891	490636.72, 3860835.12	0.05089	0.0411	0.04982	7.81E-04	2.99E-06	1.34E-03	0.00212	7.98E-04	2.94E-06	1.49E-03	2.29E-03	7.58E-04	3.74E-06	2.85E-03	3.62E-03
892	490686.72, 3860835.12	0.05063	0.04092	0.04958	7.77E-04	2.98E-06	1.33E-03	0.00211	7.94E-04	2.93E-06	1.48E-03	2.28E-03	7.54E-04	3.72E-06	2.84E-03	3.60E-03
893	490736.72, 3860835.12	0.0504	0.04076	0.04938	7.73E-04	2.97E-06	1.32E-03	0.002101	7.90E-04	2.92E-06	1.47E-03	2.27E-03	7.51E-04	3.71E-06	2.83E-03	3.58E-03
894	490086.72, 3860885.12	0.05115	0.04056	0.04951	7.85E-04	2.95E-06	1.33E-03	0.002116	8.02E-04	2.91E-06	1.48E-03	2.28E-03	7.62E-04	3.69E-06	2.84E-03	3.60E-03
895	490136.72, 3860885.12	0.05117	0.04065	0.04959	7.85E-04	2.96E-06	1.33E-03	0.002118	8.02E-04	2.91E-06	1.48E-03	2.28E-03	7.62E-04	3.70E-06	2.84E-03	3.61E-03
896	490186.72, 3860885.12	0.05115	0.04071	0.04964	7.85E-04	2.96E-06	1.33E-03	0.002119	8.02E-04	2.92E-06	1.48E-03	2.29E-03	7.62E-04	3.70E-06	2.84E-03	3.61E-03
897	490236.72, 3860885.12	0.05112	0.04077	0.04967	7.84E-04	2.97E-06	1.33E-03	0.00212	8.02E-04	2.92E-06	1.48E-03	2.29E-03	7.62E-04	3.71E-06	2.85E-03	3.61E-03
898	490286.72, 3860885.12	0.05106	0.04081	0.04968	7.84E-04	2.97E-06	1.33E-03	0.002119	8.01E-04	2.92E-06	1.48E-03	2.29E-03	7.61E-04	3.71E-06	2.85E-03	3.61E-03
899	490336.72, 3860885.12	0.05096	0.04082	0.04964	7.82E-04	2.97E-06	1.33E-03	0.002116	7.99E-04	2.92E-06	1.48E-03	2.28E-03	7.59E-04	3.71E-06	2.84E-03	3.61E-03
900	490386.72, 3860885.12	0.05089	0.04085	0.04963	7.81E-04	2.97E-06	1.33E-03	0.002115	7.98E-04	2.93E-06	1.48E-03	2.28E-03	7.58E-04	3.72E-06	2.84E-03	3.60E-03
901	490436.72, 3860885.12	0.05081	0.04087	0.04961	7.80E-04	2.98E-06	1.33E-03	0.002113	7.97E-04	2.93E-06	1.48E-03	2.28E-03	7.57E-04	3.72E-06	2.84E-03	3.60E-03
902	490486.72, 3860885.12	0.05067	0.04083	0.04952	7.78E-04	2.97E-06	1.33E-03	0.002109	7.94E-04	2.93E-06	1.48E-03	2.27E-03	7.55E-04	3.71E-06	2.84E-03	3.60E-03
903	490536.72, 3860885.12	0.05048	0.04075	0.04938	7.75E-04	2.97E-06	1.32E-03	0.002102	7.91E-04	2.92E-06	1.47E-03	2.27E-03	7.52E-04	3.71E-06	2.83E-03	3.58E-03
904	490586.72, 3860885.12	0.05025	0.04062	0.04918	7.71E-04	2.96E-06	1.32E-03	0.002093	7.88E-04	2.91E-06	1.47E-03	2.26E-03	7.49E-04	3.69E-06	2.82E-03	3.57E-03
905	490636.72, 3860885.12	0.04998	0.04045	0.04894	7.67E-04	2.94E-06	1.31E-03	0.002082	7.84E-04	2.90E-06	1.46E-03	2.25E-03	7.45E-04	3.68E-06	2.80E-03	3.55E-03
906	490686.72, 3860885.12	0.04971	0.04029	0.0487	7.63E-04	2.93E-06	1.31E-03	0.002072	7.79E-04	2.89E-06	1.45E-03	2.24E-03	7.41E-04	3.66E-06	2.79E-03	3.53E-03
907	490736.72, 3860885.12	0.04946	0.04011	0.04847	7.59E-04	2.92E-06	1.30E-03	0.002062	7.75E-04	2.87E-06	1.45E-03	2.22E-03	7.37E-04	3.65E-06	2.78E-03	3.52E-03
908	490086.72, 3860935.12	0.04989	0.03964	0.04826	7.66E-04	2.89E-06	1.29E-03	0.002063	7.82E-04	2.84E-06	1.44E-03	2.22E-03	7.43E-04	3.61E-06	2.76E-03	3.51E-03
909	490136.72, 3860935.12	0.04987	0.03969	0.04831	7.65E-04	2.89E-06	1.30E-03	0.002064	7.82E-04	2.84E-06	1.44E-03	2.23E-03	7.43E-04	3.61E-06	2.77E-03	3.51E-03
910	490186.72, 3860935.12	0.04992	0.03979	0.04842	7.66E-04	2.90E-06	1.30E-03	0.002068	7.83E-04	2.85E-06	1.44E-03	2.23E-03	7.44E-04	3.62E-06	2.77E-03	3.52E-03
911	490236.72, 3860935.12	0.04993	0.03988	0.0485	7.66E-04	2.90E-06	1.30E-03	0.00207	7.83E-04	2.86E-06	1.45E-03	2.23E-03	7.44E-04	3.63E-06	2.78E-03	3.53E-03
912	490286.72, 3860935.12	0.04993	0.03996	0.04856	7.66E-04	2.91E-06	1.30E-03	0.002071	7.83E-04	2.86E-06	1.45E-03	2.23E-03	7.44E-04	3.63E-06	2.78E-03	3.53E-03
913	490336.72, 3860935.12	0.04985	0.03998	0.04854	7.65E-04	2.91E-06	1.30E-03	0.00207	7.82E-04	2.86E-06	1.45E-03	2.23E-03	7.43E-04	3.64E-06	2.78E-03	3.53E-03
914	490386.72, 3860935.12	0.04982	0.04004	0.04858	7.64E-04	2.91E-06	1.30E-03	0.00207	7.81E-04	2.87E-06	1.45E-03	2.23E-03	7.42E-04	3.64E-06	2.78E-03	3.53E-03
915	490436.72, 3860935.12	0.04977	0.04008	0.04858	7.64E-04	2.92E-06	1.30E-03	0.00207	7.80E-04	2.87E-06	1.45E-03	2.23E-03	7.41E-04	3.65E-06	2.78E-03	3.53E-03
916	490486.72, 3860935.12	0.04964	0.04006	0.04851	7.62E-04	2.92E-06	1.30E-03	0.002066	7.78E-04	2.87E-06	1.45E-03	2.23E-03	7.39E-04	3.64E-06	2.78E-03	3.52E-03
917	490536.72, 3860935.12	0.0495	0.04002	0.04842	7.60E-04	2.91E-06	1.30E-03	0.002061	7.76E-04	2.87E-06	1.44E-03	2.22E-03	7.37E-04	3.64E-06	2.77E-03	3.51E-03
918	490586.72, 3860935.12	0.0493	0.03992	0.04826	7.57E-04	2.91E-06	1.29E-03	0.002054	7.73E-04	2.86E-06	1.44E-03	2.22E-03	7.34E-04	3.63E-06	2.76E-03	3.50E-03
919	490636.72, 3860935.12	0.04907	0.0398	0.04806	7.53E-04	2.90E-06	1.29E-03	0.002045	7.69E-04	2.85E-06	1.43E-03	2.21E-03	7.31E-04	3.62E-06	2.75E-03	3.49E-03
920	490686.72, 3860935.12	0.04883	0.03966	0.04786	7.49E-04	2.89E-06	1.28E-03	0.002036	7.66E-04	2.84E-06	1.43E-03	2.20E-03	7.27E-04	3.61E-06	2.74E-03	3.47E-03
921	490736.72, 3860935.12	0.04858	0.0395	0.04764	7.45E-04	2.88E-06	1.28E-03	0.002026	7.62E-04	2.83E-06	1.42E-03	2.19E-03	7.24E-04	3.59E-06	2.73E-03	3.46E-03
922	490786.72, 3860935.12	0.04833	0.03933	0.0474	7.42E-04	2.86E-06	1.27E-03	0.002016	7.58E-04	2.82E-06	1.41E-03	2.17E-03	7.20E-04	3.58E-06	2.72E-03	3.44E-03
923	490836.72, 3860935.12	0.04812	0.03918	0.04722	7.38E-04	2.85E-06	1.27E-03	0.002008	7.54E-04	2.81E-06	1.41E-03	2.17E-03	7.17E-04	3.56E-06	2.70E-03	3.43E-03
924	490086.72, 3860985.12	0.04871	0.03878	0.0471	7.47E-04	2.82E-06	1.26E-03	0.002014	7.64E-04	2.78E-06	1.41E-03	2.17E-03	7.26E-04	3.53E-06	2.70E-03	3.43E-03
925	490136.72, 3860985.12	0.04875	0.03886	0.0472	7.48E-04	2.83E-06	1.27E-03	0.002017	7.64E-04	2.78E-06	1.41E-03	2.18E-03	7.26E-04	3.53E-06	2.70E-03	3.43E-03
926	490186.72, 3860985.12	0.04881	0.03897	0.04733	7.49E-04	2.84E-06	1.27E-03	0.002021	7.65E-04	2.79E-06	1.41E-03	2.18E-03	7.27E-04	3.54E-06	2.71E-03	3.44E-03
927	490236.72, 3860985.12	0.04879	0.03902	0.04737	7.49E-04	2.84E-06	1.27E-03	0.002022	7.65E-04	2.80E-06	1.41E-03	2.18E-03	7.27E-04	3.55E-06	2.71E-03	3.44E-03
928	490286.72, 3860985.12	0.04878	0.03909	0.04742	7.49E-04	2.85E-06	1.27E-03	0.002023	7.65E-04	2.80E-06	1.41E-03	2.18E-03	7.27E-04	3.56E-06	2.72E-03	3.45E-03
929	490336.72, 3860985.12	0.04876	0.03915	0.04746	7.48E-04	2.85E-06	1.27E-03	0.002024	7.65E-04	2.81E-06	1.42E-03	2.18E-03	7.26E-04	3.56E-06	2.72E-03	3.45E-03
930	490386.72, 3860985.12	0.04874	0.03921	0.0475	7.48E-04	2.85E-06	1.27E-03	0.002025	7.64E-04	2.81E-06	1.42E-03	2.18E-03	7.26E-04	3.57E-06	2.72E-03	3.45E-03
931	490436.72, 3860985.12	0.04874	0.0393	0.04757	7.48E-04	2.86E-06	1.28E-03	0.002027	7.64E-04	2.82E-06	1.42E-03	2.19E-03	7.26E-04	3.57E-06	2.73E-03	3.45E-03
932	490486.72, 3860985.12	0.04864	0.0393	0.04752	7.46E-04	2.86E-06	1.27E-03	0.002024	7.63E-04	2.82E-06	1.42E-03	2.18E-03	7.25E-04	3.57E-06	2.72E-03	3.45E-03
933	490536.72, 3860985.12	0.0485	0.03926	0.04743	7.44E-04	2.86E-06	1.27E-03	0.002019	7.60E-04	2.81E-06	1.41E-03	2.18E-03	7.23E-04	3.57E-06	2.72E-03	3.44E-03
934	490586.72, 3860985.12	0.04834	0.0392	0.04732	7.42E-04	2.85E-06	1.27E-03	0.002014	7.58E-04	2.81E-06	1.41E-03	2.17E-03	7.20E-04	3.57E-06	2.71E-03	3.43E-03
935	490636.72, 3860985.12	0.04818	0.03914	0.0472	7.39E-04	2.85E-06	1.27E-03	0.002008	7.55E-04	2.80E-06	1.41E-03	2.17E-03	7.18E-04	3.56E-06	2.70E-03	3.43E-03
936	490686.72, 3860985.12	0.04796	0.03902	0.04701	7.36E-04	2.84E-06	1.26E-03	0.002	7.52E-04	2.80E-06	1.40E-03	2.16E-03	7.14E-04	3.55E-06	2.69E-03	3.41E-03
937	490736.72, 3860985.12	0.04772	0.03888	0.0468	7.32E-04	2.83E-06	1.26E-03	0.00199	7.48E-04	2.79E-06	1.40E-03	2.15E-03	7.11E-04	3.54E-06	2.68E-03	3.40E-03
938	490786.72, 3860985.12	0.04749	0.03874	0.04661	7.29E-04	2.82E-06	1.25E-03	0.001982	7.45E-04	2.78E-06	1.39E-03	2.14E-03	7.07E-04	3.52E-06	2.67E-03	3.38E-03
939	490836.72, 3860985.12	0.04728	0.0386	0.04642	7.26E-04	2.81E-06	1.25E-03	0.001973	7.41E-04	2.77E-06	1.38E-03	2.13E-03	7.04E-04	3.51E-06	2.66E-03	3.37E-03
940	490086.72, 3861035.12	0.04756	0.03794	0.04597	7.30E-04	2.76E-06	1.23E-03	0.001966	7.46E-04	2.72E-06	1.37E-03	2.12E-03	7.09E-04	3.45E-06	2.63E-03	3.35E-03
941	490136.72, 3861035.12	0.04762	0.03803	0.04609	7.31E-04	2.77E-06	1.24E-03	0.00197	7.47E-04	2.72E-06	1.37E-03	2.12E-03	7.09E-04	3.46E-06	2.64E-03	3.35E-03
942	490186.72, 3861035.12	0.04765	0.03811	0.04618	7.31E-04	2.77E-06	1.24E-03	0.001973	7.47E-04	2.73E-06	1.38E-03	2.13E-03	7.10E-04	3.47E-06	2.65E-03	3.36E-03
943	490236.72, 3861035.12	0.0477	0.03821	0.04629	7.32E-04	2.78E-06	1.24E-03	0.001976	7.48E-04	2.74E-06	1.38E-03	2.13E-03	7.11E-04	3.48E-06	2.65E-03	3.37E-03
944	490286.72, 3861035.12	0.04768	0.03826	0.04633	7.32E-04	2.79E-06	1.24E-03	0.001977	7.48E-04	2.74E-06	1.38E-03	2.13E-03	7.10E-04	3.48E-06	2.65E-03	3.37E-03
945	490336.72, 3861035.12	0.04767	0.03832	0.04637	7.32E-04	2.79E-06	1.24E-03	0.001978	7.47E-04	2.75E-06	1.38E-03	2.13E-03	7.10E-04	3.49E-06	2.66E-03	3.37E-03
946	490386.72, 3861035.12	0.04771	0.03843	0.04648	7.32E-04	2.80E-06	1.25E-03	0.001982	7.48E-04	2.75E-06	1.39E-03	2.14E-03	7.11E-04	3.50E-06	2.66E-03	3.38E-03
947	490436.72, 3861035.12	0.04772	0.03852	0.04656	7.32E-04	2.80E-06	1.25E-03	0.001984	7.48E-04	2.76E-06	1.39E-03	2.14E-03	7.11E-04	3.50E-06	2.67E-03	3.38E-03
948	490486.72, 3861035.12	0.04766	0.03855	0.04655	7.31E-04	2.81E-06	1.25E-03	0.001983	7.47E-04	2.76E-06	1.39E-03	2.14E-03	7.10E-04	3.51E-06	2.67E-03	3.38E-03
949	490536.72, 3861035.12	0.04756	0.03854	0.0465	7.30E-04	2.81E-06	1.25E-03	0.00198	7.46E-04	2.76E-06	1.39E-03	2.14E-03	7.09E-04	3.51E-06	2.66E-03	3.38E-03
950	490586.72, 3861035.12	0.04742	0.03851	0.04641	7.28E-04	2.80E-06	1.24E-03	0.001975	7.44E-04	2.76E-06	1.38E-03	2.13E-03	7.06E-04	3.50E-06	2.66E-03	3.37E-03
951	490636.72, 3861035.12	0.04726	0.03845	0.04629	7.25E-04	2.80E-06	1.24E-03	0.00197	7.41E-04	2.76E-06	1.38E-03	2.12E-03	7.04E-04	3.50E-06	2.65E-03	3.36E-03
952	490686.72, 3861035.12	0.04707	0.03836	0.04615	7.22E-04	2.79E-06	1.24E-03	0.001963	7.38E-04	2.75E-06	1.38E-03	2.12E-03	7.01E-04	3.49E-06	2.64E-03	3.35E-03
953	490736.72, 3861035.12	0.04687	0.03825	0.04598	7.19E-04	2.78E-06	1.23E-03	0.001955	7.35E-04	2.74E-06	1.37E-03	2.11E-03	6.98E-04	3.48E-06	2.63E-03	3.34E-03
954	490786.72, 3861035.12	0.04668	0.03815	0.04582	7.16E-04	2.78E-06	1.23E-03	0.001948	7.32E-04	2.73E-06	1.37E-03	2.10E-03	6.95E-04	3.47E-06	2.62E-03	3.32E-03
955	490836.72, 3861035.12	0.04648	0.03802	0.04565	7.13E-04	2.77E-06	1.22E-03	0.00194	7.29E-04	2.72E-06	1.36E-03	2.09E-03	6.92E-04	3.46E-06	2.62E-03	3.31E-03
956	490086.72, 3861085.12	0.04645	0.03713	0.04487	7.13E-04	2.70E-06	1.20E-03	0.001919	7.28E-04	2.66E-06	1.34E-03	2.07E-03	6.92E-04	3.38E-06	2.57E-03	3.27E-03
957	490136.72, 3861085.12	0.04656	0.03725	0.04504	7.14E-04	2.71E-06	1.21E-03	0.001925	7.30E-04	2.67E-06	1.34E-03	2.08E-03	6.94E-04	3.39E-06	2.58E-03	3.28E-03
958	490186.72, 3861085.12	0.04667	0.03739	0.04521	7.16E-04	2.72E-06	1.21E-03	0.001931	7.32E-04	2.68E-06	1.35E-03	2.08E-03	6.95E-04	3.40E-06	2.59E-03	3.29E-03
959	490236.72, 3861085.12	0.04666	0.03743	0.04526	7.16E-04	2.72E-06	1.21E-03	0.001933	7.32E-04	2.68E-06	1.35E-03	2.08E-03	6.95E-04	3.40E-06	2.59E-03	3.29E-03
960	490286.72, 3861085.12	0.04666	0.03749	0.04532	7.16E-04	2.73E-06	1.22E-03	0.001934	7.32E-04	2.69E-06	1.35E-03	2.09E-03	6.95E-04	3.41E-06	2.60E-03	3.29E-03
961	490336.72, 3861085.12	0.04665	0.03755	0.04536	7.16E-04	2.73E-06	1.22E-03	0.001935	7.31E-04	2.69E-06	1.35E-03	2.09E-03	6.95E-04	3.42E-06	2.60E-03	3.30E-03
962	490386.72, 3861085.12	0.04669	0.03765	0.04547	7.16E-04	2.74E-06	1.22E-03	0.001939	7.32E-04	2.70E-06	1.36E-03	2.09E-03	6.96E-04	3.42E-06	2.60E-03	3.30E-03
963	490436.72, 3861085.12	0.04669	0.03772	0.04552	7.16E-04	2.75E-06	1.22E-03	0.00194	7.32E-04	2.70E-06	1.36E-03	2.09E-03	6.96E-04	3.43E-06	2.61E-03	3.31E-03
964	490486.72, 3861085.12	0.04665	0.03777	0.04555	7.16E-04	2.75E-06	1.22E-03	0.00194	7.31E-04	2.71E-06	1.36E-03	2.09E-03	6.95E-04	3.44E-06	2.61E-03	3.31E-03
965	490536.72, 3861085.12	0.04663	0.03782	0.04558	7.16E-04	2.75E-06	1.22E-03	0.001941	7.31E-04	2.71E-06	1.36E-03	2.09E-03	6.95E-04	3.44E-06	2.61E-03	3.31E-03
966	490586.72, 3861085.12	0.04651	0.03781	0.04551	7.14E-04	2.75E-06	1.22E-03	0.001937	7.29E-04	2.71E-06	1.36E-03	2.09E-03	6.93E-04	3.44E-06	2.61E-03	3.30E-03
967	490636.72, 3861085.12	0.04635	0.03775	0.04539	7.11E-04	2.75E-06	1.22E-03	0.001931	7.27E-04	2.70E-06	1.35E-03	2.08E-03	6.90E-04	3.43E-06	2.60E-03	3.29E-03
968	490686.72, 3861085.12	0.04619	0.03769	0.04528	7.09E-04	2.74E-06	1.21E-03	0.001926	7.24E-04	2.70E-06	1.35E-03	2.08E-03	6.88E-04	3.43E-06	2.59E-03	3.29E-03
969	490736.72, 3861085.12	0.04603	0.03763	0.04516	7.06E-04	2.74E-06	1.21E-03	0.00192	7.22E-04	2.70E-06	1.35E-03	2.07E-03	6.86E-04	3.42E-06	2.59E-03	3.28E-03
970	490786.72, 3861085.12	0.04586	0.03754	0.04503	7.04E-04	2.73E-06	1.21E-03	0.001914	7.19E-04	2.69E-06	1.34E-03	2.07E-03	6.83E-04	3.41E-06	2.58E-03	3.27E-03
971	490836.72, 3861085.12	0.04567	0.03744	0.04487	7.01E-04	2.73E-06	1.20E-03	0.001907	7.16E-04	2.68E-06	1.34E-03	2.06E-03	6.80E-04	3.41E-06	2.57E-03	3.25E-03
972	490086.72, 3861135.12	0.04537	0.03634	0.04381	6.96E-04	2.65E-06	1.18E-03	0.001874	7.11E-04	2.60E-06	1.31E-03	2.02E-03	6.76E-04	3.31E-06	2.51E-03	3.19E-03
973	490136.72, 3861135.12	0.04547	0.03645	0.04396	6.98E-04	2.65E-06	1.18E-03	0.001879	7.13E-04	2.61E-06	1.31E-03	2.03E-03	6.77E-04	3.32E-06	2.52E-03	3.20E-03
974	490186.72, 3861135.12	0.04557	0.03657	0.04412	6.99E-04	2.66E-06	1.18E-03	0.001885	7.14E-04	2.62E-06	1.32E-03	2.03E-03	6.79E-04	3.33E-06	2.53E-03	3.21E-03
975	490236.72, 3861135.12	0.04564	0.03667	0.04424	7.00E-04	2.67E-06	1.19E-03	0.00189	7.16E-04	2.63E-06	1.32E-03	2.04E-03	6.80E-04	3.34E-06	2.53E-03	3.22E-03
976	490286.72, 3861135.12	0.04567	0.03675	0.04433	7.01E-04	2.68E-06	1.19E-03	0.001892	7.16E-04	2.63E-06	1.32E-03	2.04E-03	6.80E-04	3.34E-06	2.54E-03	3.22E-03

977	490336.72, 3861135.12	0.04567	0.0368	0.04439	7.01E-04	2.68E-06	1.19E-03	0.001894	7.16E-04	2.64E-06	1.32E-03	2.04E-03	6.80E-04	3.35E-06	2.54E-03	3.23E-03
978	490386.72, 3861135.12	0.04569	0.03689	0.04448	7.01E-04	2.69E-06	1.19E-03	0.001897	7.16E-04	2.64E-06	1.33E-03	2.05E-03	6.81E-04	3.36E-06	2.55E-03	3.23E-03
979	490436.72, 3861135.12	0.04569	0.03695	0.04453	7.01E-04	2.69E-06	1.19E-03	0.001898	7.16E-04	2.65E-06	1.33E-03	2.05E-03	6.81E-04	3.36E-06	2.55E-03	3.23E-03
980	490486.72, 3861135.12	0.04569	0.03702	0.04458	7.01E-04	2.69E-06	1.20E-03	0.001899	7.16E-04	2.65E-06	1.33E-03	2.05E-03	6.81E-04	3.37E-06	2.55E-03	3.24E-03
981	490536.72, 3861135.12	0.04566	0.03707	0.04461	7.01E-04	2.70E-06	1.20E-03	0.0019	7.16E-04	2.66E-06	1.33E-03	2.05E-03	6.80E-04	3.37E-06	2.56E-03	3.24E-03
982	490586.72, 3861135.12	0.04558	0.03709	0.04459	6.99E-04	2.70E-06	1.20E-03	0.001898	7.15E-04	2.66E-06	1.33E-03	2.05E-03	6.79E-04	3.37E-06	2.55E-03	3.24E-03
983	490636.72, 3861135.12	0.04545	0.03706	0.04451	6.97E-04	2.70E-06	1.19E-03	0.001894	7.13E-04	2.66E-06	1.33E-03	2.04E-03	6.77E-04	3.37E-06	2.55E-03	3.23E-03
984	490686.72, 3861135.12	0.04534	0.03704	0.04444	6.96E-04	2.70E-06	1.19E-03	0.00189	7.11E-04	2.65E-06	1.33E-03	2.04E-03	6.75E-04	3.37E-06	2.55E-03	3.22E-03
985	490736.72, 3861135.12	0.04522	0.03701	0.04436	6.94E-04	2.69E-06	1.19E-03	0.001886	7.09E-04	2.65E-06	1.32E-03	2.04E-03	6.74E-04	3.37E-06	2.54E-03	3.22E-03
986	490786.72, 3861135.12	0.04507	0.03695	0.04426	6.92E-04	2.69E-06	1.19E-03	0.001881	7.07E-04	2.65E-06	1.32E-03	2.03E-03	6.71E-04	3.36E-06	2.54E-03	3.21E-03
987	490836.72, 3861135.12	0.0449	0.03686	0.04411	6.89E-04	2.68E-06	1.18E-03	0.001875	7.04E-04	2.64E-06	1.32E-03	2.02E-03	6.69E-04	3.35E-06	2.53E-03	3.20E-03
988	490086.72, 3861185.12	0.04434	0.03558	0.04278	6.80E-04	2.59E-06	1.15E-03	0.00183	6.95E-04	2.55E-06	1.28E-03	1.97E-03	6.61E-04	3.24E-06	2.45E-03	3.11E-03
989	490136.72, 3861185.12	0.04437	0.03564	0.04287	6.81E-04	2.59E-06	1.15E-03	0.001833	6.96E-04	2.55E-06	1.28E-03	1.98E-03	6.61E-04	3.24E-06	2.46E-03	3.12E-03
990	490186.72, 3861185.12	0.04445	0.03575	0.04301	6.82E-04	2.60E-06	1.15E-03	0.001838	6.97E-04	2.56E-06	1.28E-03	1.98E-03	6.62E-04	3.25E-06	2.46E-03	3.13E-03
991	490236.72, 3861185.12	0.04454	0.03585	0.04315	6.83E-04	2.61E-06	1.16E-03	0.001843	6.98E-04	2.57E-06	1.29E-03	1.99E-03	6.64E-04	3.26E-06	2.47E-03	3.14E-03
992	490286.72, 3861185.12	0.04465	0.03598	0.04332	6.85E-04	2.62E-06	1.16E-03	0.00185	7.00E-04	2.58E-06	1.29E-03	1.99E-03	6.65E-04	3.27E-06	2.48E-03	3.15E-03
993	490336.72, 3861185.12	0.04461	0.036	0.04333	6.85E-04	2.62E-06	1.16E-03	0.001849	6.99E-04	2.58E-06	1.29E-03	1.99E-03	6.65E-04	3.27E-06	2.48E-03	3.15E-03
994	490386.72, 3861185.12	0.04465	0.03609	0.04343	6.85E-04	2.63E-06	1.16E-03	0.001853	7.00E-04	2.59E-06	1.30E-03	2.00E-03	6.65E-04	3.28E-06	2.49E-03	3.16E-03
995	490436.72, 3861185.12	0.04471	0.0362	0.04355	6.86E-04	2.64E-06	1.17E-03	0.001857	7.01E-04	2.59E-06	1.30E-03	2.00E-03	6.66E-04	3.29E-06	2.49E-03	3.16E-03
996	490486.72, 3861185.12	0.04471	0.03627	0.04361	6.86E-04	2.64E-06	1.17E-03	0.001858	7.01E-04	2.60E-06	1.30E-03	2.00E-03	6.66E-04	3.30E-06	2.50E-03	3.17E-03
997	490536.72, 3861185.12	0.04477	0.03638	0.04373	6.87E-04	2.65E-06	1.17E-03	0.001863	7.02E-04	2.61E-06	1.30E-03	2.01E-03	6.67E-04	3.31E-06	2.51E-03	3.18E-03
998	490586.72, 3861185.12	0.0447	0.0364	0.04371	6.86E-04	2.65E-06	1.17E-03	0.001861	7.01E-04	2.61E-06	1.30E-03	2.01E-03	6.66E-04	3.31E-06	2.50E-03	3.17E-03
999	490636.72, 3861185.12	0.04456	0.03636	0.04361	6.84E-04	2.65E-06	1.17E-03	0.001856	6.99E-04	2.61E-06	1.30E-03	2.00E-03	6.64E-04	3.31E-06	2.50E-03	3.17E-03
1000	490686.72, 3861185.12	0.04447	0.03636	0.04357	6.82E-04	2.65E-06	1.17E-03	0.001854	6.97E-04	2.61E-06	1.30E-03	2.00E-03	6.62E-04	3.31E-06	2.50E-03	3.16E-03
1001	490736.72, 3861185.12	0.04441	0.03637	0.04356	6.81E-04	2.65E-06	1.17E-03	0.001852	6.96E-04	2.61E-06	1.30E-03	2.00E-03	6.62E-04	3.31E-06	2.50E-03	3.16E-03
1002	490786.72, 3861185.12	0.0443	0.03635	0.04349	6.80E-04	2.65E-06	1.17E-03	0.001849	6.95E-04	2.60E-06	1.30E-03	1.99E-03	6.60E-04	3.31E-06	2.49E-03	3.15E-03
1003	490836.72, 3861185.12	0.04415	0.03629	0.04338	6.77E-04	2.64E-06	1.16E-03	0.001844	6.92E-04	2.60E-06	1.29E-03	1.99E-03	6.58E-04	3.30E-06	2.49E-03	3.15E-03
1004	490086.72, 3861235.12	0.04332	0.03483	0.04178	6.65E-04	2.54E-06	1.12E-03	0.001788	6.79E-04	2.50E-06	1.25E-03	1.93E-03	6.45E-04	3.17E-06	2.39E-03	3.04E-03
1005	490136.72, 3861235.12	0.04337	0.0349	0.04187	6.66E-04	2.54E-06	1.12E-03	0.001791	6.80E-04	2.50E-06	1.25E-03	1.93E-03	6.46E-04	3.17E-06	2.40E-03	3.05E-03
1006	490186.72, 3861235.12	0.04346	0.03501	0.04202	6.67E-04	2.55E-06	1.13E-03	0.001796	6.81E-04	2.51E-06	1.25E-03	1.94E-03	6.47E-04	3.18E-06	2.41E-03	3.06E-03
1007	490236.72, 3861235.12	0.04349	0.03507	0.0421	6.67E-04	2.55E-06	1.13E-03	0.001799	6.82E-04	2.51E-06	1.26E-03	1.94E-03	6.48E-04	3.19E-06	2.41E-03	3.06E-03
1008	490386.72, 3861235.12	0.04363	0.03531	0.04241	6.70E-04	2.57E-06	1.14E-03	0.00181	6.84E-04	2.53E-06	1.27E-03	1.95E-03	6.50E-04	3.21E-06	2.43E-03	3.08E-03
1009	490436.72, 3861235.12	0.04365	0.03538	0.04248	6.70E-04	2.58E-06	1.14E-03	0.001812	6.84E-04	2.54E-06	1.27E-03	1.95E-03	6.50E-04	3.22E-06	2.43E-03	3.09E-03
1010	490486.72, 3861235.12	0.04367	0.03546	0.04256	6.70E-04	2.58E-06	1.14E-03	0.001814	6.85E-04	2.54E-06	1.27E-03	1.96E-03	6.51E-04	3.23E-06	2.44E-03	3.09E-03
1011	490536.72, 3861235.12	0.0438	0.03563	0.04276	6.72E-04	2.59E-06	1.15E-03	0.001822	6.87E-04	2.55E-06	1.28E-03	1.96E-03	6.52E-04	3.24E-06	2.45E-03	3.11E-03
1012	490586.72, 3861235.12	0.04385	0.03574	0.04286	6.73E-04	2.60E-06	1.15E-03	0.001825	6.88E-04	2.56E-06	1.28E-03	1.97E-03	6.53E-04	3.25E-06	2.46E-03	3.11E-03
1013	490636.72, 3861235.12	0.04367	0.03566	0.04273	6.70E-04	2.60E-06	1.15E-03	0.001819	6.85E-04	2.56E-06	1.27E-03	1.96E-03	6.51E-04	3.24E-06	2.45E-03	3.10E-03
1014	490686.72, 3861235.12	0.04362	0.03569	0.04272	6.69E-04	2.60E-06	1.15E-03	0.001818	6.84E-04	2.56E-06	1.27E-03	1.96E-03	6.50E-04	3.25E-06	2.45E-03	3.10E-03
1015	490736.72, 3861235.12	0.04358	0.03573	0.04273	6.69E-04	2.60E-06	1.15E-03	0.001817	6.83E-04	2.56E-06	1.27E-03	1.96E-03	6.49E-04	3.25E-06	2.45E-03	3.10E-03
1016	490786.72, 3861235.12	0.04352	0.03575	0.04272	6.68E-04	2.60E-06	1.15E-03	0.001816	6.82E-04	2.56E-06	1.27E-03	1.96E-03	6.48E-04	3.25E-06	2.45E-03	3.10E-03
1017	490836.72, 3861235.12	0.0434	0.03571	0.04265	6.66E-04	2.60E-06	1.14E-03	0.001812	6.80E-04	2.56E-06	1.27E-03	1.96E-03	6.47E-04	3.25E-06	2.44E-03	3.09E-03
1018	490086.72, 3861285.12	0.0424	0.03415	0.04087	6.51E-04	2.49E-06	1.10E-03	0.001749	6.65E-04	2.45E-06	1.22E-03	1.89E-03	6.32E-04	3.11E-06	2.34E-03	2.98E-03
1019	490136.72, 3861285.12	0.04252	0.03427	0.04104	6.52E-04	2.49E-06	1.10E-03	0.001756	6.67E-04	2.46E-06	1.22E-03	1.89E-03	6.33E-04	3.12E-06	2.35E-03	2.99E-03
1020	490186.72, 3861285.12	0.04252	0.03431	0.04108	6.52E-04	2.50E-06	1.10E-03	0.001757	6.67E-04	2.46E-06	1.23E-03	1.89E-03	6.33E-04	3.12E-06	2.35E-03	2.99E-03
1021	490236.72, 3861285.12	0.04256	0.03438	0.04117	6.53E-04	2.50E-06	1.10E-03	0.00176	6.67E-04	2.46E-06	1.23E-03	1.90E-03	6.34E-04	3.13E-06	2.36E-03	3.00E-03
1022	490386.72, 3861285.12	0.04269	0.0346	0.04147	6.55E-04	2.52E-06	1.11E-03	0.00177	6.69E-04	2.48E-06	1.24E-03	1.91E-03	6.36E-04	3.15E-06	2.38E-03	3.01E-03
1023	490436.72, 3861285.12	0.04275	0.0347	0.04159	6.56E-04	2.53E-06	1.12E-03	0.001774	6.70E-04	2.49E-06	1.24E-03	1.91E-03	6.37E-04	3.16E-06	2.38E-03	3.02E-03
1024	490486.72, 3861285.12	0.04276	0.03476	0.04165	6.56E-04	2.53E-06	1.12E-03	0.001776	6.70E-04	2.49E-06	1.24E-03	1.92E-03	6.37E-04	3.16E-06	2.39E-03	3.03E-03
1025	490536.72, 3861285.12	0.0428	0.03485	0.04174	6.57E-04	2.54E-06	1.12E-03	0.001779	6.71E-04	2.50E-06	1.25E-03	1.92E-03	6.38E-04	3.17E-06	2.39E-03	3.03E-03
1026	490586.72, 3861285.12	0.04284	0.03494	0.04184	6.57E-04	2.54E-06	1.12E-03	0.001782	6.72E-04	2.50E-06	1.25E-03	1.92E-03	6.38E-04	3.18E-06	2.40E-03	3.04E-03
1027	490636.72, 3861285.12	0.04276	0.03495	0.04181	6.56E-04	2.54E-06	1.12E-03	0.00178	6.70E-04	2.50E-06	1.25E-03	1.92E-03	6.37E-04	3.18E-06	2.40E-03	3.04E-03
1028	490686.72, 3861285.12	0.04274	0.035	0.04184	6.56E-04	2.55E-06	1.12E-03	0.001781	6.70E-04	2.51E-06	1.25E-03	1.92E-03	6.37E-04	3.18E-06	2.40E-03	3.04E-03
1029	490736.72, 3861285.12	0.04278	0.0351	0.04193	6.56E-04	2.55E-06	1.12E-03	0.001784	6.71E-04	2.51E-06	1.25E-03	1.92E-03	6.37E-04	3.19E-06	2.40E-03	3.04E-03
1030	490786.72, 3861285.12	0.04271	0.0351	0.04191	6.55E-04	2.55E-06	1.12E-03	0.001782	6.70E-04	2.51E-06	1.25E-03	1.92E-03	6.36E-04	3.19E-06	2.40E-03	3.04E-03
1031	490836.72, 3861285.12	0.04259	0.03507	0.04183	6.54E-04	2.55E-06	1.12E-03	0.001778	6.68E-04	2.51E-06	1.25E-03	1.92E-03	6.34E-04	3.19E-06	2.40E-03	3.03E-03
1032	490061.24, 3859716.13	0.09569	0.0659	0.08972	1.47E-03	4.80E-06	2.41E-03	0.00388	1.50E-03	4.72E-06	2.68E-03	4.18E-03	1.43E-03	5.99E-06	5.14E-03	6.57E-03
1033	490111.24, 3859716.13	0.09596	0.06583	0.08992	1.47E-03	4.79E-06	2.41E-03	0.003889	1.50E-03	4.72E-06	2.68E-03	4.19E-03	1.43E-03	5.99E-06	5.15E-03	6.59E-03
1034	490161.24, 3859716.13	0.09625	0.06577	0.09012	1.48E-03	4.79E-06	2.42E-03	0.003899	1.51E-03	4.71E-06	2.69E-03	4.20E-03	1.43E-03	5.98E-06	5.16E-03	6.60E-03
1035	490211.24, 3859716.13	0.09653	0.06574	0.0903	1.48E-03	4.79E-06	2.42E-03	0.003908	1.51E-03	4.71E-06	2.69E-03	4.21E-03	1.44E-03	5.98E-06	5.17E-03	6.62E-03
1036	490061.24, 3859766.13	0.09156	0.06419	0.08637	1.41E-03	4.67E-06	2.32E-03	0.003726	1.44E-03	4.60E-06	2.58E-03	4.02E-03	1.36E-03	5.84E-06	4.95E-03	6.32E-03
1037	490111.24, 3859766.13	0.09166	0.06401	0.0864	1.41E-03	4.66E-06	2.32E-03	0.003728	1.44E-03	4.59E-06	2.58E-03	4.02E-03	1.37E-03	5.82E-06	4.95E-03	6.32E-03
1038	490161.24, 3859766.13	0.09182	0.06386	0.08646	1.41E-03	4.65E-06	2.32E-03	0.003733	1.44E-03	4.58E-06	2.58E-03	4.02E-03	1.37E-03	5.81E-06	4.95E-03	6.33E-03
1039	490211.24, 3859766.13	0.09207	0.06379	0.08663	1.41E-03	4.64E-06	2.32E-03	0.003741	1.44E-03	4.57E-06	2.58E-03	4.03E-03	1.37E-03	5.80E-06	4.96E-03	6.34E-03
1040	490061.24, 3859816.13	0.08794	0.06261	0.08333	1.35E-03	4.56E-06	2.23E-03	0.003589	1.38E-03	4.49E-06	2.49E-03	3.87E-03	1.31E-03	5.70E-06	4.77E-03	6.09E-03
1041	490111.24, 3859816.13	0.08787	0.06235	0.08322	1.35E-03	4.54E-06	2.23E-03	0.003585	1.38E-03	4.47E-06	2.48E-03	3.86E-03	1.31E-03	5.67E-06	4.77E-03	6.08E-03
1042	490161.24, 3859816.13	0.08792	0.06216	0.08322	1.35E-03	4.52E-06	2.23E-03	0.003586	1.38E-03	4.45E-06	2.48E-03	3.87E-03	1.31E-03	5.65E-06	4.77E-03	6.08E-03
1043	490211.24, 3859816.13	0.08804	0.06201	0.08327	1.35E-03	4.51E-06	2.23E-03	0.003589	1.38E-03	4.44E-06	2.48E-03	3.87E-03	1.31E-03	5.64E-06	4.77E-03	6.09E-03
1044	490061.24, 3859866.13	0.08479	0.06117	0.08061	1.30E-03	4.45E-06	2.16E-03	0.003468	1.33E-03	4.38E-06	2.40E-03	3.74E-03	1.26E-03	5.56E-06	4.62E-03	5.89E-03
1045	490111.24, 3859866.13	0.0846	0.06088	0.08043	1.30E-03	4.43E-06	2.16E-03	0.00346	1.33E-03	4.36E-06	2.40E-03	3.73E-03	1.26E-03	5.54E-06	4.61E-03	5.87E-03
1046	490161.24, 3859866.13	0.08451	0.06065	0.08034	1.30E-03	4.41E-06	2.15E-03	0.003456	1.33E-03	4.35E-06	2.40E-03	3.73E-03	1.26E-03	5.52E-06	4.60E-03	5.87E-03
1047	490211.24, 3859866.13	0.08452	0.06046	0.08032	1.30E-03	4.40E-06	2.15E-03	0.003456	1.33E-03	4.33E-06	2.40E-03	3.73E-03	1.26E-03	5.50E-06	4.60E-03	5.87E-03
1048	490061.24, 3859916.13	0.08201	0.05984	0.07817	1.26E-03	4.36E-06	2.10E-03	0.003359	1.29E-03	4.29E-06	2.33E-03	3.62E-03	1.22E-03	5.44E-06	4.48E-03	5.71E-03
1049	490111.24, 3859916.13	0.08173	0.05954	0.07794	1.25E-03	4.33E-06	2.09E-03	0.003349	1.28E-03	4.27E-06	2.33E-03	3.61E-03	1.22E-03	5.42E-06	4.46E-03	5.69E-03
1050	490161.24, 3859916.13	0.08151	0.05926	0.07775	1.25E-03	4.31E-06	2.09E-03	0.00334	1.28E-03	4.25E-06	2.32E-03	3.60E-03	1.21E-03	5.39E-06	4.45E-03	5.67E-03
1051	490211.24, 3859916.13	0.08138	0.059	0.07761	1.25E-03	4.29E-06	2.08E-03	0.003335	1.28E-03	4.23E-06	2.32E-03	3.60E-03	1.21E-03	5.37E-06	4.45E-03	5.66E-03
1052	490229.25, 3859815.26	0.0882	0.06203	0.08341	1.35E-03	4.52E-06	2.24E-03	0.003595	1.38E-03	4.44E-06	2.49E-03	3.88E-03	1.31E-03	5.64E-06	4.78E-03	6.10E-03
1053	490279.25, 3859815.26	0.08839	0.06193	0.08353	1.36E-03	4.51E-06	2.24E-03	0.003601	1.39E-03	4.44E-06	2.49E-03	3.88E-03	1.32E-03	5.63E-06	4.78E-03	6.11E-03
1054	490329.25, 3859815.26	0.08862	0.06189	0.08368	1.36E-03	4.51E-06	2.24E-03	0.003609	1.39E-03	4.43E-06	2.50E-03	3.89E-03	1.32E-03	5.63E-06	4.79E-03	6.12E-03
1055	490379.25, 3859815.26	0.08897	0.06196	0.08402	1.37E-03	4.51E-06	2.25E-03	0.003623	1.39E-03	4.44E-06	2.51E-03	3.91E-03	1.33E-03	5.64E-06	4.81E-03	6.14E-03
1056	490429.25, 3859815.26	0.0894	0.06215	0.0845	1.37E-03	4.52E-06	2.27E-03	0.003643	1.40E-03	4.45E-06	2.52E-03	3.93E-03	1.33E-03	5.65E-06	4.84E-03	6.18E-03
1057	490229.25, 3859865.26	0.0846	0.06043	0.08038	1.30E-03	4.40E-06	2.16E-03	0.003458	1.33E-03	4.33E-06	2.40E-03	3.73E-03	1.26E-03	5.50E-06	4.60E-03	5.87E-03
1058	490279.25, 3859865.26	0.08469	0.06028	0.08042	1.30E-03	4.39E-06	2.16E-03	0.003461	1.33E-03	4.32E-06	2.40E-03	3.73E-03	1.26E-03	5.48E-06	4.61E-03	5.87E-03
1059	490329.25, 3859865.26	0.08484	0.06017	0.0805	1.30E-03	4.38E-06	2.16E-03	0.003465	1.33E-03	4.31E-06	2.40E-03	3.74E-03	1.26E-03	5.47E-06	4.61E-03	5.88E-03
1060	490379.25, 3859865.26	0.08509	0.06014	0.0807	1.31E-03	4.38E-06	2.16E-03	0.003475	1.33E-03	4.31E-06	2.41E-03	3.75E-03	1.27E-03	5.47E-06	4.62E-03	5.90E-03
1061	490429.25, 3859865.26	0.08539	0.06018	0.08098	1.31E-03	4.38E-06	2.17E-03	0.003487	1.34E-03	4.31E-06	2.42E-03	3.76E-03	1.27E-03	5.47E-06	4.64E-03	5.92E-03
1062	490229.25, 3859915.26	0.08141	0.05896	0.07764	1.25E-03	4.29E-06	2.08E-03	0.003336	1.28E-03	4.22E-06	2.32E-03	3.60E-03	1.21E-03	5.36E-06	4.45E-03	5.67E-03
1063	490279.25, 3859915.26	0.08137	0.05874	0.07756	1.25E-03	4.28E-06	2.08E-03	0.003333	1.28E-03	4.21E-06	2.31E-03	3.59E-03	1.21E-03	5.34E-06	4.44E-03	5.66E-03
1064	490329.25, 3859915.26	0.08142	0.05859	0.07758	1.25E-03	4.26E-06	2.08E-03	0.003334	1.28E-03	4.20E-06	2.31E-03	3.60E-03	1.21E-03	5.33E-06	4.44E-03	5.66E-03
1065	490379.25, 3859915.26	0.08157	0.0585	0.07769	1.25E-03	4.26E-06	2.08E-03	0.00334	1.28E-03	4.19E-06	2.32E-03	3.60E-03	1.22E-03	5.32E-06	4.45E-03	5.67E-03
1066	490429.25, 3859915.26	0.08175	0.05844	0.07783	1.25E-03	4.25E-06	2.09E-03	0.003346	1.28E-03	4.19E-06	2.32E-03	3.61E-03	1.22E-03	5.32E-06	4.46E-03	5.68E-03
1067	490451.43, 3859872.59	0.08496	0.05993	0.08061	1.30E-03	4.36E-06	2.16E-03	0.00347	1.33E-03	4.29E-06	2.40E-03	3.74E-03	1.27E-03	5.45E-06	4.62E-03	5.89E-03
1068	490501.43, 3859872.59	0.08536	0.06008	0.08103	1.31E-03	4.37E-06	2.17E-03	0.003488	1.34E-03	4.30E-06	2.42E-03	3.76E-03	1.27E-03	5.46E-06	4.64E-03	5.92E-03
1069	490551.43, 3859872.59	0.08584	0.06036	0.08163	1.32E-03	4.39E-06	2.19E-03	0.003511	1.35E-03	4.32E-06	2.44E-03	3.79E-03	1.28E-03	5.49E-06	4.68E-03	5.96E-03
1070	490601.43, 3859872.59	0.08628	0.06065	0.08221	1.32E-03	4.41E-06	2.20E-03	0.003533	1.35E-03	4.35E-06	2.45E-03	3.81E-03	1.29E-03	5.52E-06	4.71E-03	6.00E-03
1071	490451.43, 3859922.59	0.08136	0.05819	0.07748	1.25E-03	4.24E-06	2.08E-03	0.003331	1.28E-03	4.17E-06	2.31E-03	3.59E-03	1.21E-03	5.29E-06	4.44E-03	5.66E-03
1072	490501.43, 3859922.59	0.08165	0.05824	0.07776	1.25E-03	4.24E-06	2.09E-03	0.003343	1.28E-03	4.17E-06	2.32E-03	3.60E-03	1.22E-03	5.30E-06	4.45E-03	5.68E-03
1073	490551.43, 3859922.59	0.08207	0.05841	0.07822	1.26E-03	4.25E-06	2.10E-03	0.003362	1.29E-03	4.19E-06	2.33E-03	3.62E-03	1.22E-03	5.31E-06	4.48E-03	5.71E-03
1074	490601.43, 3859922.59	0.08254	0.05865	0.07877	1.27E-03	4.27E-06	2.11E-03	0.003384	1.29E-03	4.20E-06	2.35E-03	3.65E-03	1.23E-03	5.33E-06	4.51E-03	5.75E-03

1075	482129.67, 3852241.07	0.03687	0.04152	0.03277	5.66E-04	3.02E-06	8.79E-04	0.001448	5.78E-04	2.98E-06	9.78E-04	1.56E-03	5.49E-04	3.78E-06	1.88E-03	2.43E-03
1076	482029.67, 3852291.07	0.03913	0.04388	0.03529	6.00E-04	3.19E-06	9.46E-04	0.00155	6.14E-04	3.14E-06	1.05E-03	1.67E-03	5.83E-04	3.99E-06	2.02E-03	2.61E-03
1077	482079.67, 3852291.07	0.03877	0.04317	0.03482	5.95E-04	3.14E-06	9.34E-04	0.001532	6.08E-04	3.09E-06	1.04E-03	1.65E-03	5.78E-04	3.93E-06	1.99E-03	2.58E-03
1078	482129.67, 3852291.07	0.03829	0.04288	0.03434	5.88E-04	3.12E-06	9.21E-04	0.001512	6.00E-04	3.07E-06	1.02E-03	1.63E-03	5.70E-04	3.90E-06	1.97E-03	2.54E-03
1079	482179.67, 3852291.07	0.03761	0.04252	0.03341	5.77E-04	3.10E-06	8.96E-04	0.001476	5.90E-04	3.05E-06	9.97E-04	1.59E-03	5.60E-04	3.87E-06	1.91E-03	2.48E-03
1080	482229.67, 3852291.07	0.03655	0.04181	0.03274	5.61E-04	3.04E-06	8.78E-04	0.001442	5.73E-04	3.00E-06	9.77E-04	1.55E-03	5.44E-04	3.80E-06	1.88E-03	2.42E-03
1081	482029.67, 3852341.07	0.04056	0.04538	0.03656	6.22E-04	3.30E-06	9.81E-04	0.001606	6.36E-04	3.25E-06	1.09E-03	1.73E-03	6.04E-04	4.13E-06	2.09E-03	2.70E-03
1082	482079.67, 3852341.07	0.04016	0.04511	0.03608	6.16E-04	3.28E-06	9.68E-04	0.001587	6.30E-04	3.23E-06	1.08E-03	1.71E-03	5.98E-04	4.10E-06	2.07E-03	2.67E-03
1083	482129.67, 3852341.07	0.0398	0.04443	0.03559	6.11E-04	3.23E-06	9.55E-04	0.001569	6.24E-04	3.18E-06	1.06E-03	1.69E-03	5.93E-04	4.04E-06	2.04E-03	2.64E-03
1084	482179.67, 3852341.07	0.03924	0.04404	0.03509	6.02E-04	3.21E-06	9.41E-04	0.001546	6.15E-04	3.16E-06	1.05E-03	1.67E-03	5.85E-04	4.01E-06	2.01E-03	2.60E-03
1085	482259.06, 3852400.14	0.04082	0.0457	0.03594	6.26E-04	3.33E-06	9.64E-04	0.001594	6.40E-04	3.27E-06	1.07E-03	1.72E-03	6.08E-04	4.16E-06	2.06E-03	2.67E-03
1086	482309.06, 3852400.14	0.03984	0.04467	0.03506	6.11E-04	3.25E-06	9.40E-04	0.001555	6.25E-04	3.20E-06	1.05E-03	1.67E-03	5.94E-04	4.06E-06	2.01E-03	2.61E-03
1087	482209.06, 3852450.14	0.04265	0.04786	0.03773	6.54E-04	3.48E-06	1.01E-03	0.00167	6.69E-04	3.43E-06	1.13E-03	1.80E-03	6.35E-04	4.35E-06	2.16E-03	2.80E-03
1088	482259.06, 3852450.14	0.04228	0.04741	0.03725	6.49E-04	3.45E-06	9.99E-04	0.001651	6.63E-04	3.40E-06	1.11E-03	1.78E-03	6.30E-04	4.31E-06	2.13E-03	2.77E-03
1089	482309.06, 3852450.14	0.04164	0.04654	0.03679	6.39E-04	3.39E-06	9.87E-04	0.001629	6.53E-04	3.33E-06	1.10E-03	1.75E-03	6.20E-04	4.23E-06	2.11E-03	2.73E-03
1090	482209.06, 3852500.14	0.04414	0.0496	0.03912	6.77E-04	3.61E-06	1.05E-03	0.00173	6.92E-04	3.55E-06	1.17E-03	1.86E-03	6.58E-04	4.51E-06	2.24E-03	2.90E-03
1091	482259.06, 3852500.14	0.04377	0.04919	0.03863	6.72E-04	3.58E-06	1.04E-03	0.001711	6.86E-04	3.52E-06	1.15E-03	1.84E-03	6.52E-04	4.47E-06	2.21E-03	2.87E-03
1092	482309.06, 3852500.14	0.04331	0.04864	0.03815	6.65E-04	3.54E-06	1.02E-03	0.001691	6.79E-04	3.49E-06	1.14E-03	1.82E-03	6.45E-04	4.42E-06	2.19E-03	2.84E-03
1093	482283.91, 3852513.62	0.04401	0.04944	0.03877	6.75E-04	3.60E-06	1.04E-03	0.001719	6.90E-04	3.54E-06	1.16E-03	1.85E-03	6.56E-04	4.50E-06	2.22E-03	2.88E-03
1094	482333.91, 3852513.62	0.04358	0.04886	0.03833	6.69E-04	3.56E-06	1.03E-03	0.0017	6.83E-04	3.50E-06	1.14E-03	1.83E-03	6.49E-04	4.44E-06	2.20E-03	2.85E-03
1095	482283.91, 3852563.62	0.04564	0.05134	0.04022	7.00E-04	3.74E-06	1.08E-03	0.001783	7.16E-04	3.68E-06	1.20E-03	1.92E-03	6.80E-04	4.67E-06	2.30E-03	2.99E-03
1096	482333.91, 3852563.62	0.04532	0.05083	0.03978	6.95E-04	3.70E-06	1.07E-03	0.001766	7.11E-04	3.64E-06	1.19E-03	1.90E-03	6.75E-04	4.62E-06	2.28E-03	2.96E-03
1097	482383.91, 3852563.62	0.04502	0.05021	0.0394	6.91E-04	3.65E-06	1.06E-03	0.001751	7.06E-04	3.60E-06	1.18E-03	1.88E-03	6.71E-04	4.57E-06	2.26E-03	2.93E-03
1098	482283.91, 3852613.62	0.04727	0.0533	0.04178	7.25E-04	3.88E-06	1.12E-03	0.00185	7.41E-04	3.82E-06	1.25E-03	1.99E-03	7.04E-04	4.85E-06	2.39E-03	3.10E-03
1099	482333.91, 3852613.62	0.04699	0.05283	0.04126	7.21E-04	3.85E-06	1.11E-03	0.001832	7.37E-04	3.79E-06	1.23E-03	1.97E-03	7.00E-04	4.81E-06	2.36E-03	3.07E-03
1100	482383.91, 3852613.62	0.04674	0.05226	0.04085	7.17E-04	3.80E-06	1.10E-03	0.001817	7.33E-04	3.74E-06	1.22E-03	1.96E-03	6.96E-04	4.75E-06	2.34E-03	3.04E-03
1101	482602.38, 3852600.87	0.04412	0.04716	0.03894	6.77E-04	3.43E-06	1.04E-03	0.001725	6.92E-04	3.38E-06	1.16E-03	1.86E-03	6.57E-04	4.29E-06	2.23E-03	2.89E-03
1102	482652.38, 3852600.87	0.04363	0.04601	0.03872	6.70E-04	3.35E-06	1.04E-03	0.001711	6.84E-04	3.30E-06	1.16E-03	1.84E-03	6.50E-04	4.19E-06	2.22E-03	2.87E-03
1103	482702.38, 3852600.87	0.04214	0.04428	0.03796	6.47E-04	3.22E-06	1.02E-03	0.001668	6.61E-04	3.17E-06	1.13E-03	1.80E-03	6.28E-04	4.03E-06	2.17E-03	2.81E-03
1104	482552.38, 3852650.87	0.04698	0.05071	0.04117	7.21E-04	3.69E-06	1.10E-03	0.001829	7.37E-04	3.63E-06	1.23E-03	1.97E-03	7.00E-04	4.61E-06	2.36E-03	3.06E-03
1105	482602.38, 3852650.87	0.04649	0.04957	0.04061	7.13E-04	3.61E-06	1.09E-03	0.001806	7.29E-04	3.55E-06	1.21E-03	1.94E-03	6.93E-04	4.51E-06	2.33E-03	3.02E-03
1106	482652.38, 3852650.87	0.04616	0.04853	0.04045	7.08E-04	3.53E-06	1.08E-03	0.001797	7.24E-04	3.48E-06	1.21E-03	1.93E-03	6.88E-04	4.41E-06	2.32E-03	3.01E-03
1107	482702.38, 3852650.87	0.04566	0.04747	0.04021	7.01E-04	3.46E-06	1.08E-03	0.001783	7.16E-04	3.40E-06	1.20E-03	1.92E-03	6.80E-04	4.32E-06	2.30E-03	2.99E-03
1108	482552.38, 3852700.87	0.04891	0.05336	0.04272	7.51E-04	3.88E-06	1.15E-03	0.0019	7.67E-04	3.82E-06	1.27E-03	2.05E-03	7.29E-04	4.85E-06	2.45E-03	3.18E-03
1109	482602.38, 3852700.87	0.04884	0.05244	0.04262	7.49E-04	3.82E-06	1.14E-03	0.001896	7.66E-04	3.76E-06	1.27E-03	2.04E-03	7.28E-04	4.77E-06	2.44E-03	3.17E-03
1110	482652.38, 3852700.87	0.04901	0.05159	0.04257	7.52E-04	3.76E-06	1.14E-03	0.001898	7.68E-04	3.70E-06	1.27E-03	2.04E-03	7.30E-04	4.69E-06	2.44E-03	3.17E-03
1111	482702.38, 3852700.87	0.04858	0.05017	0.04238	7.45E-04	3.65E-06	1.14E-03	0.001886	7.62E-04	3.59E-06	1.26E-03	2.03E-03	7.24E-04	4.56E-06	2.43E-03	3.16E-03
1112	482452.38, 3852750.87	0.05133	0.05746	0.0448	7.88E-04	4.18E-06	1.20E-03	0.001993	8.05E-04	4.12E-06	1.34E-03	2.15E-03	7.65E-04	5.23E-06	2.57E-03	3.34E-03
1113	482521.29, 3852749.74	0.05103	0.05631	0.04444	7.83E-04	4.10E-06	1.19E-03	0.001979	8.00E-04	4.03E-06	1.33E-03	2.13E-03	7.60E-04	5.12E-06	2.55E-03	3.31E-03
1114	482571.29, 3852749.74	0.05094	0.0554	0.0443	7.82E-04	4.03E-06	1.19E-03	0.001974	7.99E-04	3.97E-06	1.32E-03	2.12E-03	7.59E-04	5.04E-06	2.54E-03	3.30E-03
1115	482521.29, 3852799.74	0.05309	0.05883	0.04613	8.15E-04	4.28E-06	1.24E-03	0.002056	8.32E-04	4.22E-06	1.38E-03	2.21E-03	7.91E-04	5.35E-06	2.64E-03	3.44E-03
1116	482571.29, 3852799.74	0.05306	0.05794	0.04602	8.14E-04	4.22E-06	1.23E-03	0.002053	8.32E-04	4.15E-06	1.37E-03	2.21E-03	7.90E-04	5.27E-06	2.64E-03	3.43E-03
1117	482621.29, 3852799.74	0.05305	0.05699	0.04596	8.14E-04	4.15E-06	1.23E-03	0.002051	8.32E-04	4.08E-06	1.37E-03	2.21E-03	7.90E-04	5.18E-06	2.63E-03	3.43E-03
1118	482571.29, 3852849.74	0.05518	0.06059	0.04782	8.47E-04	4.41E-06	1.28E-03	0.002134	8.65E-04	4.34E-06	1.43E-03	2.30E-03	8.22E-04	5.51E-06	2.74E-03	3.57E-03
1119	482621.29, 3852849.74	0.0552	0.05962	0.04779	8.47E-04	4.34E-06	1.28E-03	0.002133	8.65E-04	4.27E-06	1.43E-03	2.30E-03	8.22E-04	5.42E-06	2.74E-03	3.57E-03
1120	482577.42, 3852901.55	0.05757	0.06338	0.04984	8.83E-04	4.61E-06	1.34E-03	0.002225	9.03E-04	4.54E-06	1.49E-03	2.39E-03	8.58E-04	5.77E-06	2.86E-03	3.72E-03
1121	482627.42, 3852901.55	0.05761	0.06239	0.04981	8.84E-04	4.54E-06	1.34E-03	0.002225	9.03E-04	4.47E-06	1.49E-03	2.39E-03	8.58E-04	5.68E-06	2.85E-03	3.72E-03
1122	482629.96, 3852955.85	0.06041	0.06559	0.05207	9.27E-04	4.77E-06	1.40E-03	0.002328	9.47E-04	4.70E-06	1.55E-03	2.51E-03	9.00E-04	5.97E-06	2.98E-03	3.89E-03
1123	482679.96, 3852955.85	0.06048	0.06453	0.05206	9.28E-04	4.70E-06	1.40E-03	0.002329	9.48E-04	4.62E-06	1.55E-03	2.51E-03	9.01E-04	5.87E-06	2.98E-03	3.89E-03
1124	482781.63, 3853034.48	0.06461	0.06729	0.0553	9.91E-04	4.90E-06	1.48E-03	0.00248	1.01E-03	4.82E-06	1.65E-03	2.67E-03	9.63E-04	6.12E-06	3.17E-03	4.14E-03
1125	482831.63, 3853034.48	0.06354	0.06618	0.05471	9.75E-04	4.82E-06	1.47E-03	0.002447	9.96E-04	4.74E-06	1.63E-03	2.63E-03	9.47E-04	6.02E-06	3.13E-03	4.09E-03
1126	482881.63, 3853034.48	0.06255	0.06444	0.05396	9.60E-04	4.69E-06	1.45E-03	0.002412	9.81E-04	4.62E-06	1.61E-03	2.60E-03	9.32E-04	5.86E-06	3.09E-03	4.03E-03
1127	482781.63, 3853084.48	0.06831	0.07077	0.05798	1.05E-03	5.15E-06	1.56E-03	0.002608	1.07E-03	5.07E-06	1.73E-03	2.81E-03	1.02E-03	6.44E-06	3.32E-03	4.35E-03
1128	482831.63, 3853084.48	0.06724	0.0696	0.05737	1.03E-03	5.07E-06	1.54E-03	0.002576	1.05E-03	4.99E-06	1.71E-03	2.77E-03	1.00E-03	6.33E-06	3.29E-03	4.29E-03
1129	482881.63, 3853084.48	0.06614	0.06856	0.05658	1.01E-03	4.99E-06	1.52E-03	0.002537	1.04E-03	4.91E-06	1.69E-03	2.73E-03	9.85E-04	6.24E-06	3.24E-03	4.23E-03
1130	482781.63, 3853134.48	0.07262	0.07453	0.06088	1.11E-03	5.43E-06	1.63E-03	0.002753	1.14E-03	5.34E-06	1.82E-03	2.96E-03	1.08E-03	6.78E-06	3.49E-03	4.58E-03
1131	482831.63, 3853134.48	0.0715	0.07332	0.0603	1.10E-03	5.34E-06	1.62E-03	0.00272	1.12E-03	5.25E-06	1.80E-03	2.93E-03	1.07E-03	6.67E-06	3.45E-03	4.53E-03
1132	482881.63, 3853134.48	0.07044	0.07223	0.05948	1.08E-03	5.26E-06	1.60E-03	0.002681	1.10E-03	5.18E-06	1.77E-03	2.88E-03	1.05E-03	6.57E-06	3.41E-03	4.46E-03
1133	482831.63, 3853184.48	0.07646	0.0773	0.06348	1.17E-03	5.63E-06	1.70E-03	0.002881	1.20E-03	5.54E-06	1.89E-03	3.10E-03	1.14E-03	7.03E-06	3.64E-03	4.78E-03
1134	482881.63, 3853184.48	0.07527	0.07615	0.06263	1.16E-03	5.54E-06	1.68E-03	0.00284	1.18E-03	5.46E-06	1.87E-03	3.05E-03	1.12E-03	6.93E-06	3.59E-03	4.72E-03
1135	484154.84, 3854250.98	0.18462	0.18588	0.25036	2.83E-03	1.35E-05	6.71E-03	0.009561	2.89E-03	1.33E-05	7.47E-03	1.04E-02	2.75E-03	1.69E-05	1.43E-02	1.71E-02
1136	484204.84, 3854250.98	0.18093	0.19172	0.2424	2.78E-03	1.40E-05	6.50E-03	0.009292	2.84E-03	1.37E-05	7.23E-03	1.01E-02	2.70E-03	1.74E-05	1.39E-02	1.66E-02
1137	484154.84, 3854300.98	0.19257	0.2165	0.25889	2.96E-03	1.58E-05	6.94E-03	0.009914	3.02E-03	1.55E-05	7.72E-03	1.08E-02	2.87E-03	1.97E-05	1.48E-02	1.77E-02
1138	484204.84, 3854300.98	0.19126	0.22629	0.25349	2.93E-03	1.65E-05	6.80E-03	0.00975	3.00E-03	1.62E-05	7.56E-03	1.06E-02	2.85E-03	2.06E-05	1.45E-02	1.74E-02
1139	484074.19, 3854519.8	0.30923	0.59889	0.36959	4.75E-03	4.36E-05	9.91E-03	0.014701	4.85E-03	4.29E-05	1.10E-02	1.59E-02	4.61E-03	5.45E-05	2.12E-02	2.58E-02
1140	484124.19, 3854519.8	0.29482	0.59618	0.35034	4.52E-03	4.34E-05	9.40E-03	0.013964	4.62E-03	4.27E-05	1.05E-02	1.51E-02	4.39E-03	5.42E-05	2.01E-02	2.45E-02
1141	484074.19, 3854569.8	0.35354	0.80136	0.40297	5.43E-03	5.83E-05	1.08E-02	0.016291	5.54E-03	5.74E-05	1.20E-02	1.76E-02	5.27E-03	7.29E-05	2.31E-02	2.84E-02
1142	484124.19, 3854569.8	0.33209	0.78099	0.37791	5.10E-03	5.68E-05	1.01E-02	0.015289	5.21E-03	5.60E-05	1.13E-02	1.65E-02	4.95E-03	7.10E-05	2.16E-02	2.67E-02
1143	485205.11, 3855188.89	0.67694	1.27012	0.60134	1.04E-02	9.25E-05	1.61E-02	0.026608	1.06E-02	9.10E-05	1.79E-02	2.86E-02	1.01E-02	1.16E-04	3.44E-02	4.46E-02
1144	485255.11, 3855188.89	0.63821	1.18395	0.56798	9.79E-03	8.62E-05	1.52E-02	0.025113	1.00E-02	8.48E-05	1.69E-02	2.70E-02	9.51E-03	1.08E-04	3.25E-02	4.22E-02
1145	485205.11, 3855238.89	0.70747	1.18699	0.62471	1.09E-02	8.64E-05	1.68E-02	0.027698	1.11E-02	8.51E-05	1.86E-02	2.98E-02	1.05E-02	1.08E-04	3.58E-02	4.64E-02
1146	485255.11, 3855238.89	0.68079	1.13554	0.60412	1.04E-02	8.27E-05	1.62E-02	0.026732	1.07E-02	8.14E-05	1.80E-02	2.88E-02	1.01E-02	1.03E-04	3.46E-02	4.49E-02
1147	485205.11, 3855288.89	0.78897	1.17656	0.69971	1.21E-02	8.56E-05	1.88E-02	0.030959	1.24E-02	8.43E-05	2.09E-02	3.33E-02	1.18E-02	1.07E-04	4.01E-02	5.19E-02
1148	485255.11, 3855288.89	0.74778	1.11352	0.66592	1.15E-02	8.11E-05	1.79E-02	0.029416	1.17E-02	7.98E-05	1.99E-02	3.17E-02	1.11E-02	1.01E-04	3.81E-02	4.94E-02
1149	485255.11, 3855338.89	0.81996	1.08283	0.736	1.26E-02	7.88E-05	1.97E-02	0.032401	1.29E-02	7.76E-05	2.20E-02	3.49E-02	1.22E-02	9.85E-05	4.22E-02	5.45E-02
1150	485305.11, 3855338.89	0.77483	1.02464	0.69617	1.19E-02	7.46E-05	1.87E-02	0.030636	1.21E-02	7.34E-05	2.08E-02	3.30E-02	1.15E-02	9.32E-05	3.99E-02	5.15E-02
1151	485852.5, 3855635.28	0.71396	0.53923	0.68964	1.10E-02	3.93E-05	1.85E-02	0.029492	1.12E-02	3.86E-05	2.06E-02	3.18E-02	1.06E-02	4.90E-05	3.95E-02	5.02E-02
1152	485902.5, 3855635.28	0.68038	0.52055	0.65662	1.04E-02	3.79E-05	1.76E-02	0.028089	1.07E-02	3.73E-05	1.96E-02	3.03E-02	1.01E-02	4.74E-05	3.76E-02	4.78E-02
1153	485852.5, 3855685.28	0.74778	0.51026	0.72769	1.15E-02	3.71E-05	1.95E-02	0.031029	1.17E-02	3.66E-05	2.17E-02	3.35E-02	1.11E-02	4.64E-05	4.17E-02	5.29E-02
1154	485902.5, 3855685.28	0.71155	0.49327	0.69167	1.09E-02	3.59E-05	1.86E-02	0.029506	1.12E-02	3.53E-05	2.06E-02	3.18E-02	1.06E-02	4.49E-05	3.96E-02	5.03E-02
1155	485852.5, 3855735.28	0.78389	0.48366	0.76898	1.20E-02	3.52E-05	2.06E-02	0.032689	1.23E-02	3.47E-05	2.29E-02	3.53E-02	1.17E-02	4.40E-05	4.41E-02	5.58E-02
1156	485902.5, 3855735.28	0.75048	0.47148	0.73635	1.15E-02	3.43E-05	1.97E-02	0.0313	1.18E-02	3.38E-05	2.20E-02	3.38E-02	1.12E-02	4.29E-05	4.22E-02	5.34E-02
1157	485852.5, 3855785.28	0.82975	0.46338	0.82241	1.27E-02	3.37E-05	2.21E-02	0.034824	1.30E-02	3.32E-05	2.45E-02	3.76E-02	1.24E-02	4.21E-05	4.71E-02	5.95E-02
1158	485902.5, 3855785.28	0.78345	0.44704	0.77464	1.20E-02	3.25E-05	2.08E-02	0.032831	1.23E-02	3.20E-05	2.31E-02	3.54E-02	1.17E-02	4.07E-05	4.44E-02	5.61E-02
1159	486809.46, 3856465.28	0.75394	0.23534	0.79902	1.16E-02	1.71E-05	2.14E-02	0.033017	1.18E-02	1.69E-05	2.38E-02	3.57E-02	1.12E-02	2.14E-05	4.58E-02	5.70E-02
1160	486859.46, 3856465.28	0.7392	0.23336	0.78264	1.13E-02	1.70E-05	2.10E-02	0.032351	1.16E-02	1.67E-05	2.33E-02	3.50E-02	1.10E-02	2.12E-05	4.48E-02	5.59E-02
1161	486909.46, 3856465.28	0.7228	0.23098	0.76442	1.11E-02	1.68E-05	2.05E-02	0.03161	1.13E-02	1.66E-05	2.28E-02	3.42E-02	1.08E-02	2.10E-05	4.38E-02	5.46E-02
1162	486809.46, 3856515.28	0.78887	0.23507	0.83768	1.21E-02	1.71E-05	2.25E-02	0.034589	1.24E-02	1.68E-05	2.50E-02	3.74E-02	1.18E-02	2.14E-05	4.80E-02	5.98E-02
1163	486859.46, 3856515.28	0.77489	0.23401	0.82212	1.19E-02	1.70E-05	2.20E-02	0.033958	1.21E-02	1.68E-05	2.45E-02	3.67E-02	1.15E-02	2.13E-05	4.71E-02	5.87E-02
1164	486909.46, 3856515.28	0.75856	0.23233	0.80399	1.16E-02	1.69E-05	2.16E-02	0.033221	1.19E-02	1.66E-05	2.40E-02	3.59E-02	1.13E-02	2.11E-05	4.61E-02	5.74E-02
1165	486980.94, 3856357.95	0.64435	0.23062	0.67732	9.89E-03	1.68E-05	1.82E-02	0.028071	1.01E-02	1.65E-05	2.02E-02	3.03E-02	9.60E-03	2.10E-05	3.88E-02	4.84E-02
1166	487030.94, 3856357.95	0.63287	0.22923	0.66479	9.71E-03	1.67E-05	1.78E-02	0.027558	9.92E-03	1.64E-05	1.98E-02	2.98E-02	9.43E-03	2.09E-05	3.81E-02	4.75E-02
1167	486980.94, 3856407.95	0.67195	0.22955	0.70809	1.03E-02	1.67E-05	1.90E-02	0.029319	1.05E-02	1.64E-05	2.11E-02	3.17E-02	1.00E-02	2.09E-05	4.06E-02	5.06E-02
1168	487030.94, 3856407.95	0.65885	0.22793	0.6937	1.01E-02	1.66E-05	1.86E-02	0.028732	1.03E-02	1.63E-05	2.07E-02	3.10E-02	9.81E-03	2.07E-05	3.97E-02	4.96E-02
1169	487447.18, 3856437.45	0.58299	0.23101	0.61222	8.95E-03	1.68E-05	1.64E-02	0.025383	9.14E-03	1.66E-05	1.83E-02	2.74E-02	8.68E-03	2.10E-05	3.51E-02	4.38E-02
1170	487497.18, 3856437.45	0.57377	0.23234	0.60239	8.80E-03	1.69E-05	1.62E-02	0.024978	9.00E-03	1.66E-05	1.80E-02	2.70E-02	8.55E-03	2.11E-05	3.45E-02	4.31E-02
1171	487547.18, 3856437.45	0.56521	0.23378	0.59327	8.67E-03	1.70E-05	1.59E-02	0.024602	8.86E-03	1.68E-05	1.77E-02	2.66E-02	8.42E-03	2.13E-05	3.40E-02	4.24E-02
1172	487447.18, 3856487.45	0.60377	0.23401	0.63512	9.26E-03	1.70E-05	1.70E-02	0.026316	9.47E-03	1.68E-05	1.89E-02	2.84E-02	8.99E-03	2.13E-05	3.64E-02	4.54E-02

1173	487497.18, 3856487.45	0.59352	0.23537	0.62414	9.11E-03	1.71E-05	1.67E-02	0.025865	9.31E-03	1.69E-05	1.86E-02	2.79E-02	8.84E-03	2.14E-05	3.58E-02	4.46E-02
1174	487547.18, 3856487.45	0.58439	0.23709	0.61439	8.97E-03	1.73E-05	1.65E-02	0.025463	9.16E-03	1.70E-05	1.83E-02	2.75E-02	8.71E-03	2.16E-05	3.52E-02	4.39E-02
1175	487447.18, 3856537.45	0.62539	0.2387	0.65895	9.60E-03	1.74E-05	1.77E-02	0.027287	9.81E-03	1.71E-05	1.97E-02	2.95E-02	9.32E-03	2.17E-05	3.77E-02	4.71E-02
1176	487497.18, 3856537.45	0.61403	0.24018	0.64673	9.42E-03	1.75E-05	1.73E-02	0.026785	9.63E-03	1.72E-05	1.93E-02	2.89E-02	9.15E-03	2.18E-05	3.70E-02	4.62E-02
1177	487547.18, 3856537.45	0.60465	0.24251	0.63667	9.28E-03	1.77E-05	1.71E-02	0.026372	9.48E-03	1.74E-05	1.90E-02	2.85E-02	9.01E-03	2.21E-05	3.65E-02	4.55E-02
1178	489285.89, 3858826.54	0.36938	0.13646	0.23669	5.67E-03	9.93E-06	6.35E-03	0.012026	5.79E-03	9.78E-06	7.06E-03	1.29E-02	5.50E-03	1.24E-05	1.36E-02	1.91E-02
1179	489335.89, 3858826.54	0.35167	0.13693	0.2352	5.40E-03	9.97E-06	6.31E-03	0.011715	5.51E-03	9.81E-06	7.02E-03	1.25E-02	5.24E-03	1.25E-05	1.35E-02	1.87E-02
1180	489385.89, 3858826.54	0.33651	0.13735	0.23383	5.16E-03	1.00E-05	6.27E-03	0.011445	5.28E-03	9.84E-06	6.98E-03	1.23E-02	5.01E-03	1.25E-05	1.34E-02	1.84E-02
1181	489435.89, 3858826.54	0.32333	0.13759	0.23224	4.96E-03	1.00E-05	6.23E-03	0.0112	5.07E-03	9.86E-06	6.93E-03	1.20E-02	4.82E-03	1.25E-05	1.33E-02	1.81E-02
1182	489485.89, 3858826.54	0.31193	0.13768	0.23053	4.79E-03	1.00E-05	6.18E-03	0.01098	4.89E-03	9.87E-06	6.88E-03	1.18E-02	4.65E-03	1.25E-05	1.32E-02	1.79E-02
1183	489535.89, 3858826.54	0.30177	0.13766	0.2288	4.63E-03	1.00E-05	6.14E-03	0.010777	4.73E-03	9.86E-06	6.83E-03	1.16E-02	4.50E-03	1.25E-05	1.31E-02	1.76E-02
1184	489585.89, 3858826.54	0.29265	0.13752	0.22698	4.49E-03	1.00E-05	6.09E-03	0.010588	4.59E-03	9.85E-06	6.77E-03	1.14E-02	4.36E-03	1.25E-05	1.30E-02	1.74E-02
1185	489635.89, 3858826.54	0.28442	0.13731	0.2252	4.36E-03	1.00E-05	6.04E-03	0.010414	4.46E-03	9.84E-06	6.72E-03	1.12E-02	4.24E-03	1.25E-05	1.29E-02	1.72E-02
1186	489685.89, 3858826.54	0.27683	0.13702	0.22341	4.25E-03	9.97E-06	5.99E-03	0.01025	4.34E-03	9.82E-06	6.66E-03	1.10E-02	4.12E-03	1.25E-05	1.28E-02	1.69E-02
1187	489735.89, 3858826.54	0.26986	0.13666	0.22158	4.14E-03	9.95E-06	5.94E-03	0.010094	4.23E-03	9.79E-06	6.61E-03	1.09E-02	4.02E-03	1.24E-05	1.27E-02	1.67E-02
1188	489785.89, 3858826.54	0.26353	0.13619	0.21962	4.04E-03	9.91E-06	5.89E-03	0.009944	4.13E-03	9.76E-06	6.55E-03	1.07E-02	3.93E-03	1.24E-05	1.26E-02	1.65E-02
1189	489835.89, 3858826.54	0.25754	0.13574	0.21778	3.95E-03	9.88E-06	5.84E-03	0.009803	4.04E-03	9.73E-06	6.50E-03	1.05E-02	3.84E-03	1.23E-05	1.25E-02	1.63E-02
1190	489885.89, 3858826.54	0.2521	0.13518	0.21577	3.87E-03	9.84E-06	5.79E-03	0.009665	3.95E-03	9.69E-06	6.44E-03	1.04E-02	3.76E-03	1.23E-05	1.24E-02	1.61E-02
1191	489935.89, 3858826.54	0.24697	0.13463	0.2138	3.79E-03	9.80E-06	5.73E-03	0.009534	3.87E-03	9.65E-06	6.38E-03	1.03E-02	3.68E-03	1.22E-05	1.22E-02	1.59E-02
1192	489985.89, 3858826.54	0.24213	0.13408	0.21186	3.72E-03	9.76E-06	5.68E-03	0.009407	3.80E-03	9.61E-06	6.32E-03	1.01E-02	3.61E-03	1.22E-05	1.21E-02	1.58E-02
1193	490035.89, 3858826.54	0.23743	0.13359	0.21006	3.64E-03	9.72E-06	5.63E-03	0.009287	3.72E-03	9.57E-06	6.27E-03	1.00E-02	3.54E-03	1.22E-05	1.20E-02	1.56E-02
1194	489285.89, 3858876.54	0.34623	0.12897	0.22085	5.31E-03	9.39E-06	5.92E-03	0.011246	5.43E-03	9.24E-06	6.59E-03	1.20E-02	5.16E-03	1.17E-05	1.27E-02	1.78E-02
1195	489335.89, 3858876.54	0.33018	0.1296	0.21998	5.07E-03	9.43E-06	5.90E-03	0.010976	5.18E-03	9.29E-06	6.56E-03	1.17E-02	4.92E-03	1.18E-05	1.26E-02	1.75E-02
1196	489385.89, 3858876.54	0.31657	0.13012	0.21894	4.86E-03	9.47E-06	5.87E-03	0.010739	4.96E-03	9.32E-06	6.53E-03	1.15E-02	4.72E-03	1.18E-05	1.25E-02	1.73E-02
1197	489435.89, 3858876.54	0.30488	0.13056	0.21781	4.68E-03	9.50E-06	5.84E-03	0.01053	4.78E-03	9.35E-06	6.50E-03	1.13E-02	4.54E-03	1.19E-05	1.25E-02	1.70E-02
1198	489485.89, 3858876.54	0.29459	0.13088	0.21661	4.52E-03	9.53E-06	5.81E-03	0.01034	4.62E-03	9.38E-06	6.46E-03	1.11E-02	4.39E-03	1.19E-05	1.24E-02	1.68E-02
1199	489535.89, 3858876.54	0.28544	0.13109	0.21535	4.38E-03	9.54E-06	5.78E-03	0.010165	4.48E-03	9.39E-06	6.42E-03	1.09E-02	4.25E-03	1.19E-05	1.23E-02	1.66E-02
1200	489585.89, 3858876.54	0.27726	0.13124	0.21412	4.25E-03	9.55E-06	5.74E-03	0.010007	4.35E-03	9.40E-06	6.39E-03	1.07E-02	4.13E-03	1.19E-05	1.23E-02	1.64E-02
1201	489635.89, 3858876.54	0.2699	0.1312	0.21267	4.14E-03	9.55E-06	5.70E-03	0.009855	4.23E-03	9.40E-06	6.34E-03	1.06E-02	4.02E-03	1.19E-05	1.22E-02	1.62E-02
1202	489685.89, 3858876.54	0.26317	0.1311	0.21125	4.04E-03	9.54E-06	5.67E-03	0.009714	4.13E-03	9.39E-06	6.30E-03	1.04E-02	3.92E-03	1.19E-05	1.21E-02	1.60E-02
1203	489735.89, 3858876.54	0.25688	0.13093	0.20984	3.94E-03	9.53E-06	5.63E-03	0.009579	4.03E-03	9.38E-06	6.26E-03	1.03E-02	3.83E-03	1.19E-05	1.20E-02	1.59E-02
1204	489785.89, 3858876.54	0.25118	0.13062	0.20825	3.85E-03	9.51E-06	5.59E-03	0.009449	3.94E-03	9.36E-06	6.21E-03	1.02E-02	3.74E-03	1.19E-05	1.19E-02	1.57E-02
1205	489835.89, 3858876.54	0.2458	0.13029	0.20674	3.77E-03	9.48E-06	5.54E-03	0.009326	3.85E-03	9.34E-06	6.17E-03	1.00E-02	3.66E-03	1.19E-05	1.18E-02	1.55E-02
1206	489885.89, 3858876.54	0.24093	0.12982	0.20501	3.70E-03	9.45E-06	5.50E-03	0.009205	3.78E-03	9.30E-06	6.12E-03	9.90E-03	3.59E-03	1.18E-05	1.17E-02	1.53E-02
1207	489935.89, 3858876.54	0.2362	0.12942	0.20348	3.62E-03	9.42E-06	5.46E-03	0.009091	3.70E-03	9.27E-06	6.07E-03	9.78E-03	3.52E-03	1.18E-05	1.17E-02	1.52E-02
1208	489985.89, 3858876.54	0.23172	0.12902	0.20197	3.56E-03	9.39E-06	5.42E-03	0.008982	3.63E-03	9.24E-06	6.03E-03	9.67E-03	3.45E-03	1.17E-05	1.16E-02	1.50E-02
1209	490035.89, 3858876.54	0.22749	0.12857	0.20041	3.49E-03	9.36E-06	5.38E-03	0.008875	3.57E-03	9.21E-06	5.98E-03	9.55E-03	3.39E-03	1.17E-05	1.15E-02	1.49E-02
1210	489285.89, 3858926.54	0.31708	0.12188	0.20598	4.87E-03	8.87E-06	5.52E-03	0.010399	4.97E-03	8.73E-06	6.14E-03	1.11E-02	4.72E-03	1.11E-05	1.18E-02	1.65E-02
1211	489335.89, 3858926.54	0.30445	0.12256	0.20562	4.67E-03	8.92E-06	5.51E-03	0.010196	4.77E-03	8.78E-06	6.13E-03	1.09E-02	4.54E-03	1.11E-05	1.18E-02	1.63E-02
1212	489385.89, 3858926.54	0.29343	0.12324	0.20519	4.50E-03	8.97E-06	5.50E-03	0.010015	4.60E-03	8.83E-06	6.12E-03	1.07E-02	4.37E-03	1.12E-05	1.18E-02	1.61E-02
1213	489435.89, 3858926.54	0.28384	0.1238	0.20448	4.36E-03	9.01E-06	5.48E-03	0.009849	4.45E-03	8.87E-06	6.10E-03	1.06E-02	4.23E-03	1.13E-05	1.17E-02	1.60E-02
1214	489485.89, 3858926.54	0.27535	0.12429	0.2037	4.23E-03	9.05E-06	5.46E-03	0.009698	4.32E-03	8.91E-06	6.08E-03	1.04E-02	4.10E-03	1.13E-05	1.17E-02	1.58E-02
1215	489535.89, 3858926.54	0.26773	0.12469	0.20282	4.11E-03	9.08E-06	5.44E-03	0.009557	4.20E-03	8.93E-06	6.05E-03	1.03E-02	3.99E-03	1.13E-05	1.16E-02	1.56E-02
1216	489585.89, 3858926.54	0.2608	0.12499	0.20189	4.00E-03	9.10E-06	5.41E-03	0.009426	4.09E-03	8.96E-06	6.02E-03	1.01E-02	3.89E-03	1.14E-05	1.16E-02	1.55E-02
1217	489635.89, 3858926.54	0.25455	0.12518	0.20086	3.91E-03	9.11E-06	5.39E-03	0.009302	3.99E-03	8.97E-06	5.99E-03	9.99E-03	3.79E-03	1.14E-05	1.15E-02	1.53E-02
1218	489685.89, 3858926.54	0.24871	0.12531	0.19985	3.82E-03	9.12E-06	5.36E-03	0.009186	3.90E-03	8.98E-06	5.96E-03	9.87E-03	3.71E-03	1.14E-05	1.14E-02	1.52E-02
1219	489735.89, 3858926.54	0.24341	0.12526	0.19863	3.74E-03	9.12E-06	5.33E-03	0.009072	3.82E-03	8.98E-06	5.93E-03	9.75E-03	3.63E-03	1.14E-05	1.14E-02	1.50E-02
1220	489785.89, 3858926.54	0.2385	0.12511	0.19734	3.66E-03	9.11E-06	5.29E-03	0.008962	3.74E-03	8.96E-06	5.89E-03	9.64E-03	3.55E-03	1.14E-05	1.13E-02	1.49E-02
1221	489835.89, 3858926.54	0.23378	0.12496	0.19617	3.59E-03	9.10E-06	5.26E-03	0.008858	3.67E-03	8.95E-06	5.85E-03	9.53E-03	3.48E-03	1.14E-05	1.12E-02	1.47E-02
1222	489885.89, 3858926.54	0.22944	0.12467	0.19484	3.52E-03	9.07E-06	5.23E-03	0.008756	3.60E-03	8.93E-06	5.81E-03	9.42E-03	3.42E-03	1.13E-05	1.12E-02	1.46E-02
1223	489935.89, 3858926.54	0.22529	0.12438	0.19356	3.46E-03	9.05E-06	5.19E-03	0.008658	3.53E-03	8.91E-06	5.77E-03	9.32E-03	3.36E-03	1.13E-05	1.11E-02	1.45E-02
1224	489985.89, 3858926.54	0.22129	0.12409	0.19236	3.40E-03	9.03E-06	5.16E-03	0.008564	3.47E-03	8.89E-06	5.74E-03	9.22E-03	3.30E-03	1.13E-05	1.10E-02	1.43E-02
1225	490035.89, 3858926.54	0.21735	0.12384	0.19126	3.34E-03	9.01E-06	5.13E-03	0.008474	3.41E-03	8.87E-06	5.71E-03	9.12E-03	3.24E-03	1.13E-05	1.10E-02	1.42E-02
1226	489335.89, 3858976.54	0.27688	0.11603	0.19226	4.25E-03	8.45E-06	5.16E-03	0.009414	4.34E-03	8.31E-06	5.74E-03	1.01E-02	4.12E-03	1.06E-05	1.10E-02	1.51E-02
1227	489385.89, 3858976.54	0.269	0.11672	0.19227	4.13E-03	8.50E-06	5.16E-03	0.009293	4.22E-03	8.36E-06	5.74E-03	9.96E-03	4.01E-03	1.06E-05	1.10E-02	1.50E-02
1228	489435.89, 3858976.54	0.26196	0.11729	0.19186	4.02E-03	8.54E-06	5.15E-03	0.009174	4.11E-03	8.40E-06	5.72E-03	9.84E-03	3.90E-03	1.07E-05	1.10E-02	1.49E-02
1229	489485.89, 3858976.54	0.25542	0.1179	0.19153	3.92E-03	8.58E-06	5.14E-03	0.009065	4.00E-03	8.45E-06	5.71E-03	9.73E-03	3.81E-03	1.07E-05	1.10E-02	1.48E-02
1230	489535.89, 3858976.54	0.24936	0.11847	0.19111	3.83E-03	8.62E-06	5.13E-03	0.008961	3.91E-03	8.49E-06	5.70E-03	9.62E-03	3.71E-03	1.08E-05	1.09E-02	1.47E-02
1231	489585.89, 3858976.54	0.24392	0.11889	0.19041	3.74E-03	8.65E-06	5.11E-03	0.008859	3.82E-03	8.52E-06	5.68E-03	9.51E-03	3.63E-03	1.08E-05	1.09E-02	1.46E-02
1232	489635.89, 3858976.54	0.2388	0.11926	0.18973	3.66E-03	8.68E-06	5.09E-03	0.008762	3.74E-03	8.55E-06	5.66E-03	9.41E-03	3.56E-03	1.08E-05	1.09E-02	1.44E-02
1233	489685.89, 3858976.54	0.23408	0.11956	0.18902	3.59E-03	8.70E-06	5.07E-03	0.00867	3.67E-03	8.57E-06	5.64E-03	9.32E-03	3.49E-03	1.09E-05	1.08E-02	1.43E-02
1234	489735.89, 3858976.54	0.22966	0.11971	0.18813	3.52E-03	8.71E-06	5.05E-03	0.008579	3.60E-03	8.58E-06	5.61E-03	9.22E-03	3.42E-03	1.09E-05	1.08E-02	1.42E-02
1235	489785.89, 3858976.54	0.22555	0.11972	0.18709	3.46E-03	8.71E-06	5.02E-03	0.008488	3.54E-03	8.58E-06	5.58E-03	9.13E-03	3.36E-03	1.09E-05	1.07E-02	1.41E-02
1236	489835.89, 3858976.54	0.22165	0.11967	0.18606	3.40E-03	8.71E-06	4.99E-03	0.0084	3.48E-03	8.57E-06	5.55E-03	9.03E-03	3.30E-03	1.09E-05	1.07E-02	1.40E-02
1237	489885.89, 3858976.54	0.21785	0.11966	0.18524	3.34E-03	8.71E-06	4.97E-03	0.00832	3.42E-03	8.57E-06	5.53E-03	8.95E-03	3.25E-03	1.09E-05	1.06E-02	1.39E-02
1238	489935.89, 3858976.54	0.21424	0.11954	0.18428	3.29E-03	8.70E-06	4.94E-03	0.008239	3.36E-03	8.57E-06	5.50E-03	8.87E-03	3.19E-03	1.09E-05	1.06E-02	1.38E-02
1239	489985.89, 3858976.54	0.21083	0.11933	0.18324	3.24E-03	8.69E-06	4.91E-03	0.008158	3.31E-03	8.55E-06	5.47E-03	8.78E-03	3.14E-03	1.09E-05	1.05E-02	1.36E-02
1240	490035.89, 3858976.54	0.20688	0.11942	0.18282	3.17E-03	8.69E-06	4.90E-03	0.008087	3.24E-03	8.56E-06	5.45E-03	8.71E-03	3.08E-03	1.09E-05	1.05E-02	1.36E-02
1241	489385.89, 3859026.54	0.24488	0.11067	0.18011	3.76E-03	8.06E-06	4.83E-03	0.008596	3.84E-03	7.93E-06	5.37E-03	9.22E-03	3.65E-03	1.01E-05	1.03E-02	1.40E-02
1242	489435.89, 3859026.54	0.24013	0.11128	0.18021	3.68E-03	8.10E-06	4.83E-03	0.008526	3.77E-03	7.97E-06	5.38E-03	9.15E-03	3.58E-03	1.01E-05	1.03E-02	1.39E-02
1243	489485.89, 3859026.54	0.23557	0.1119	0.1802	3.61E-03	8.15E-06	4.83E-03	0.008456	3.69E-03	8.02E-06	5.38E-03	9.08E-03	3.51E-03	1.02E-05	1.03E-02	1.38E-02
1244	489535.89, 3859026.54	0.23123	0.11248	0.18	3.55E-03	8.19E-06	4.83E-03	0.008384	3.63E-03	8.06E-06	5.37E-03	9.00E-03	3.44E-03	1.02E-05	1.03E-02	1.38E-02
1245	489585.89, 3859026.54	0.22701	0.11306	0.17978	3.48E-03	8.23E-06	4.82E-03	0.008314	3.56E-03	8.10E-06	5.36E-03	8.93E-03	3.38E-03	1.03E-05	1.03E-02	1.37E-02
1246	489635.89, 3859026.54	0.22313	0.11352	0.17933	3.42E-03	8.26E-06	4.81E-03	0.008242	3.50E-03	8.13E-06	5.35E-03	8.86E-03	3.32E-03	1.03E-05	1.03E-02	1.36E-02
1247	489685.89, 3859026.54	0.21943	0.11392	0.17882	3.37E-03	8.29E-06	4.80E-03	0.008172	3.44E-03	8.16E-06	5.33E-03	8.78E-03	3.27E-03	1.04E-05	1.02E-02	1.35E-02
1248	489735.89, 3859026.54	0.21594	0.1142	0.17814	3.31E-03	8.31E-06	4.78E-03	0.0081	3.39E-03	8.18E-06	5.31E-03	8.71E-03	3.22E-03	1.04E-05	1.02E-02	1.34E-02
1249	489785.89, 3859026.54	0.21262	0.1144	0.17741	3.26E-03	8.33E-06	4.76E-03	0.008029	3.33E-03	8.20E-06	5.29E-03	8.63E-03	3.17E-03	1.04E-05	1.02E-02	1.33E-02
1250	489835.89, 3859026.54	0.20941	0.11462	0.17685	3.21E-03	8.34E-06	4.74E-03	0.007965	3.28E-03	8.21E-06	5.28E-03	8.57E-03	3.12E-03	1.04E-05	1.01E-02	1.33E-02
1251	489885.89, 3859026.54	0.20634	0.11471	0.17613	3.17E-03	8.35E-06	4.72E-03	0.007899	3.24E-03	8.22E-06	5.25E-03	8.50E-03	3.07E-03	1.04E-05	1.01E-02	1.32E-02
1252	489935.89, 3859026.54	0.20331	0.11476	0.17543	3.12E-03	8.35E-06	4.71E-03	0.007833	3.19E-03	8.22E-06	5.23E-03	8.43E-03	3.03E-03	1.04E-05	1.00E-02	1.31E-02
1253	489985.89, 3859026.54	0.20038	0.11473	0.17469	3.07E-03	8.35E-06	4.69E-03	0.007768	3.14E-03	8.22E-06	5.21E-03	8.36E-03	2.99E-03	1.04E-05	1.00E-02	1.30E-02
1254	490035.89, 3859026.54	0.19677	0.11499	0.17456	3.02E-03	8.37E-06	4.68E-03	0.00771	3.09E-03	8.24E-06	5.21E-03	8.30E-03	2.93E-03	1.05E-05	1.00E-02	1.29E-02
1255	489485.89, 3859076.54	0.21668	0.1063	0.16946	3.32E-03	7.74E-06	4.54E-03	0.007878	3.40E-03	7.62E-06	5.06E-03	8.46E-03	3.23E-03	9.67E-06	9.71E-03	1.29E-02
1256	489535.89, 3859076.54	0.21376	0.10689	0.16963	3.28E-03	7.78E-06	4.55E-03	0.007838	3.35E-03	7.66E-06	5.06E-03	8.42E-03	3.18E-03	9.72E-06	9.72E-03	1.29E-02
1257	489585.89, 3859076.54	0.21078	0.10748	0.16967	3.23E-03	7.82E-06	4.55E-03	0.007793	3.30E-03	7.70E-06	5.06E-03	8.37E-03	3.14E-03	9.78E-06	9.72E-03	1.29E-02
1258	489635.89, 3859076.54	0.20801	0.10797	0.16943	3.19E-03	7.86E-06	4.54E-03	0.007744	3.26E-03	7.74E-06	5.05E-03	8.32E-03	3.10E-03	9.82E-06	9.71E-03	1.28E-02
1259	489685.89, 3859076.54	0.20528	0.10843	0.16911	3.15E-03	7.89E-06	4.54E-03	0.007694	3.22E-03	7.77E-06	5.04E-03	8.27E-03	3.06E-03	9.86E-06	9.69E-03	1.28E-02
1260	489735.89, 3859076.54	0.2026	0.10884	0.16873	3.11E-03	7.92E-06	4.53E-03	0.007642	3.18E-03	7.80E-06	5.03E-03	8.22E-03	3.02E-03	9.90E-06	9.67E-03	1.27E-02
1261	489785.89, 3859076.54	0.19999	0.1092	0.16829	3.07E-03	7.95E-06	4.51E-03	0.00759	3.14E-03	7.82E-06	5.02E-03	8.16E-03	2.98E-03	9.93E-06	9.64E-03	1.26E-02
1262	489835.89, 3859076.54	0.19743	0.10953	0.16789	3.03E-03	7.97E-06	4.50E-03	0.00754	3.10E-03	7.85E-06	5.01E-03	8.11E-03	2.94E-03	9.96E-06	9.62E-03	1.26E-02
1263	489885.89, 3859076.54	0.19497	0.1098	0.16746	2.99E-03	7.99E-06	4.49E-03	0.007491	3.06E-03	7.87E-06	5.00E-03	8.06E-03	2.90E-03	9.99E-06	9.59E-03	1.25E-02
1264	489935.89, 3859076.54	0.19258	0.10996	0.16691	2.96E-03	8.00E-06	4.48E-03	0.00744	3.02E-03	7.88E-06	4.98E-03	8.01E-03	2.87E-03	1.00E-05	9.56E-03	1.24E-02
1265	489985.89, 3859076.54	0.19016	0.11012	0.16644	2.92E-03	8.02E-06	4.46E-03	0.00739	2.98E-03	7.89E-06	4.97E-03	7.95E-03	2.83E-03	1.00E-05	9.53E-03	1.24E-02
1266	490035.89, 3859076.54	0.18724	0.11047	0.16643	2.87E-03	8.04E-06	4.46E-03	0.007345	2.94E-03	7.92E-06	4.96E-03	7.91E-03	2.79E-03	1.00E-05	9.53E-03	1.23E-02
1267	489585.89, 3859126.54	0.19568	0.10222	0.15998	3.00E-03	7.44E-06	4.29E-03	0.007301	3.07E-03	7.32E-06	4.77E-03	7.85E-03	2.92E-03	9.30E-06	9.16E-03	1.21E-02
1268	489635.89, 3859126.54	0.19379	0.10271	0.16	2.97E-03	7.48E-06	4.29E-03	0.007272	3.04E-03	7.36E-06	4.77E-03	7.82E-03	2.89E-03	9.34E-06	9.17E-03	1.21E-02
1269	489685.89, 3859126.54	0.19185	0.10322	0.15998	2.94E-03	7.51E-06	4.29E-03	0.007242	3.01E-03	7.40E-06	4.77E-03	7.79E-03	2.86E-03	9.39E-06	9.16E-03	1.20E-02
1270	489735.89, 3859126.54	0.18986	0.1037	0.15987	2.91E-03	7.55E-06	4.29E-03	0.007209	2.98E-03	7.43E-06	4.77E-03	7.75E-03	2.83E-03	9.43E-06	9.16E-03	1.20E-02